

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022123\  
 Data File : VN076750.D  
 Acq On : 21 Feb 2023 14:47  
 Operator : JC\MD  
 Sample : VN0221WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0221WBS01

Quant Time: Feb 22 04:11:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021323W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 14 01:44:47 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.231  | 168  | 256564   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.101  | 114  | 454522   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.866 | 117  | 423452   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.795 | 152  | 204887   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.584  | 65    | 197486   | 55.743   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 111.480% |      |
| 35) Dibromofluoromethane    | 8.172  | 113   | 149386   | 50.187   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.380% |      |
| 50) Toluene-d8              | 10.566 | 98    | 612925   | 55.138   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 110.280% |      |
| 62) 4-Bromofluorobenzene    | 12.854 | 95    | 204891   | 55.651   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 111.300% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.137 | 85  | 48898  | 17.949  | ug/l   | 95  |
| 3) Chloromethane             | 2.378 | 50  | 62567  | 17.603  | ug/l   | 93  |
| 4) Vinyl Chloride            | 2.525 | 62  | 68960  | 19.714  | ug/l   | 98  |
| 5) Bromomethane              | 2.960 | 94  | 42433  | 20.020  | ug/l   | 98  |
| 6) Chloroethane              | 3.131 | 64  | 49038  | 22.182  | ug/l   | 92  |
| 7) Trichlorofluoromethane    | 3.507 | 101 | 83805  | 17.608  | ug/l   | 92  |
| 8) Diethyl Ether             | 3.972 | 74  | 36518  | 19.911  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 4.384 | 101 | 53579  | 19.158  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.607 | 142 | 66314  | 19.201  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.519 | 59  | 46886  | 100.262 | ug/l # | 71  |
| 12) 1,1-Dichloroethene       | 4.354 | 96  | 49658  | 18.752  | ug/l   | 94  |
| 13) Acrolein                 | 4.196 | 56  | 53301  | 75.921  | ug/l   | 100 |
| 14) Allyl chloride           | 5.043 | 41  | 85807  | 18.700  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.737 | 53  | 163457 | 98.492  | ug/l   | 98  |
| 16) Acetone                  | 4.437 | 43  | 147438 | 93.167  | ug/l   | 90  |
| 17) Carbon Disulfide         | 4.725 | 76  | 119832 | 17.138  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.037 | 43  | 102260 | 19.796  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.801 | 73  | 180876 | 20.259  | ug/l   | 99  |
| 20) Methylene Chloride       | 5.290 | 84  | 63637  | 19.187  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.801 | 96  | 52282  | 17.538  | ug/l # | 85  |
| 22) Diisopropyl ether        | 6.684 | 45  | 221588 | 20.589  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.613 | 43  | 700477 | 110.005 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.572 | 63  | 115301 | 19.548  | ug/l   | 98  |
| 25) 2-Butanone               | 7.490 | 43  | 233132 | 99.871  | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 7.501 | 77  | 83240  | 19.565  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 7.501 | 96  | 66729  | 18.873  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.819 | 49  | 65133  | 23.201  | ug/l   | 90  |
| 29) Tetrahydrofuran          | 7.842 | 42  | 156665 | 102.722 | ug/l   | 98  |
| 30) Chloroform               | 7.972 | 83  | 114778 | 19.476  | ug/l   | 93  |
| 31) Cyclohexane              | 8.260 | 56  | 110093 | 19.810  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 8.172 | 97  | 93134  | 18.796  | ug/l # | 92  |
| 36) 1,1-Dichloropropene      | 8.378 | 75  | 82734  | 19.238  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.566 | 43  | 83167  | 18.380  | ug/l # | 95  |
| 38) Carbon Tetrachloride     | 8.366 | 117 | 80406  | 18.533  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.607 | 83  | 97487  | 19.942  | ug/l   | 95  |
| 40) Benzene                  | 8.613 | 78  | 269190 | 20.382  | ug/l   | 100 |

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 Sample : VN0221WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021323W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 14 01:44:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.784  | 41   | 50503    | 19.266  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.672  | 62   | 93600    | 20.320  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.695  | 43   | 151117   | 20.524  | ug/l   | 99       |
| 44) Trichloroethene           | 9.354  | 130  | 59067    | 18.926  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.625  | 63   | 71940    | 20.577  | ug/l   | 98       |
| 46) Dibromomethane            | 9.707  | 93   | 45472    | 20.344  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.889  | 83   | 91410    | 20.399  | ug/l # | 94       |
| 48) Methyl methacrylate       | 9.684  | 41   | 72552    | 20.765  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.695  | 88   | 25910    | 428.700 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.448 | 43   | 503569   | 107.492 | ug/l   | 98       |
| 52) Toluene                   | 10.631 | 92   | 169725   | 21.286  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.836 | 75   | 91892    | 21.246  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.313 | 75   | 103371   | 20.720  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.019 | 97   | 68431    | 21.106  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.878 | 69   | 97711    | 21.410  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.166 | 76   | 113780   | 20.426  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.160 | 63   | 242583   | 116.061 | ug/l   | 96       |
| 59) 2-Hexanone                | 11.195 | 43   | 361657   | 107.068 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.360 | 129  | 64867    | 18.983  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.472 | 107  | 60211    | 18.553  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.107 | 164  | 49735    | 18.637  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.895 | 112  | 170227   | 18.969  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.966 | 131  | 63430    | 19.459  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.966 | 91   | 314039   | 20.540  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.072 | 106  | 239453   | 40.632  | ug/l   | 94       |
| 69) o-Xylene                  | 12.401 | 106  | 118199   | 20.565  | ug/l   | 100      |
| 70) Styrene                   | 12.413 | 104  | 194416   | 20.918  | ug/l   | 98       |
| 71) Bromoform                 | 12.583 | 173  | 44912    | 18.784  | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.695 | 105  | 308973   | 20.574  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.495 | 43   | 133072   | 19.659  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.936 | 83   | 106229   | 19.542  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.995 | 75   | 121753   | 29.393  | ug/l   | 60       |
| 77) Bromobenzene              | 12.983 | 156  | 68881    | 18.384  | ug/l   | 90       |
| 78) n-propylbenzene           | 13.036 | 91   | 370317   | 21.000  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.124 | 91   | 221643   | 20.527  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 262050   | 21.114  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.742 | 75   | 26659    | 18.745  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.124 | 91   | 221643   | 20.527  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.442 | 119  | 225061   | 20.046  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.483 | 105  | 260021   | 21.022  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.619 | 105  | 331273   | 21.133  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.730 | 119  | 266657   | 21.303  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.736 | 146  | 137586   | 19.426  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.813 | 146  | 138380   | 19.620  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.060 | 91   | 227948   | 20.938  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.336 | 117  | 50638    | 19.321  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 14.107 | 146  | 138388   | 19.059  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.724 | 75   | 16528    | 15.694  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.395 | 180  | 62785    | 17.335  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.501 | 225  | 32641    | 18.388  | ug/l   | 98       |
| 95) Naphthalene               | 15.648 | 128  | 199408   | 18.143  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.842 | 180  | 62896    | 17.924  | ug/l   | 97       |

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Sample : VN0221WBS01  
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Tue Feb 14 01:44:47 2023  
Response via : Initial Calibration

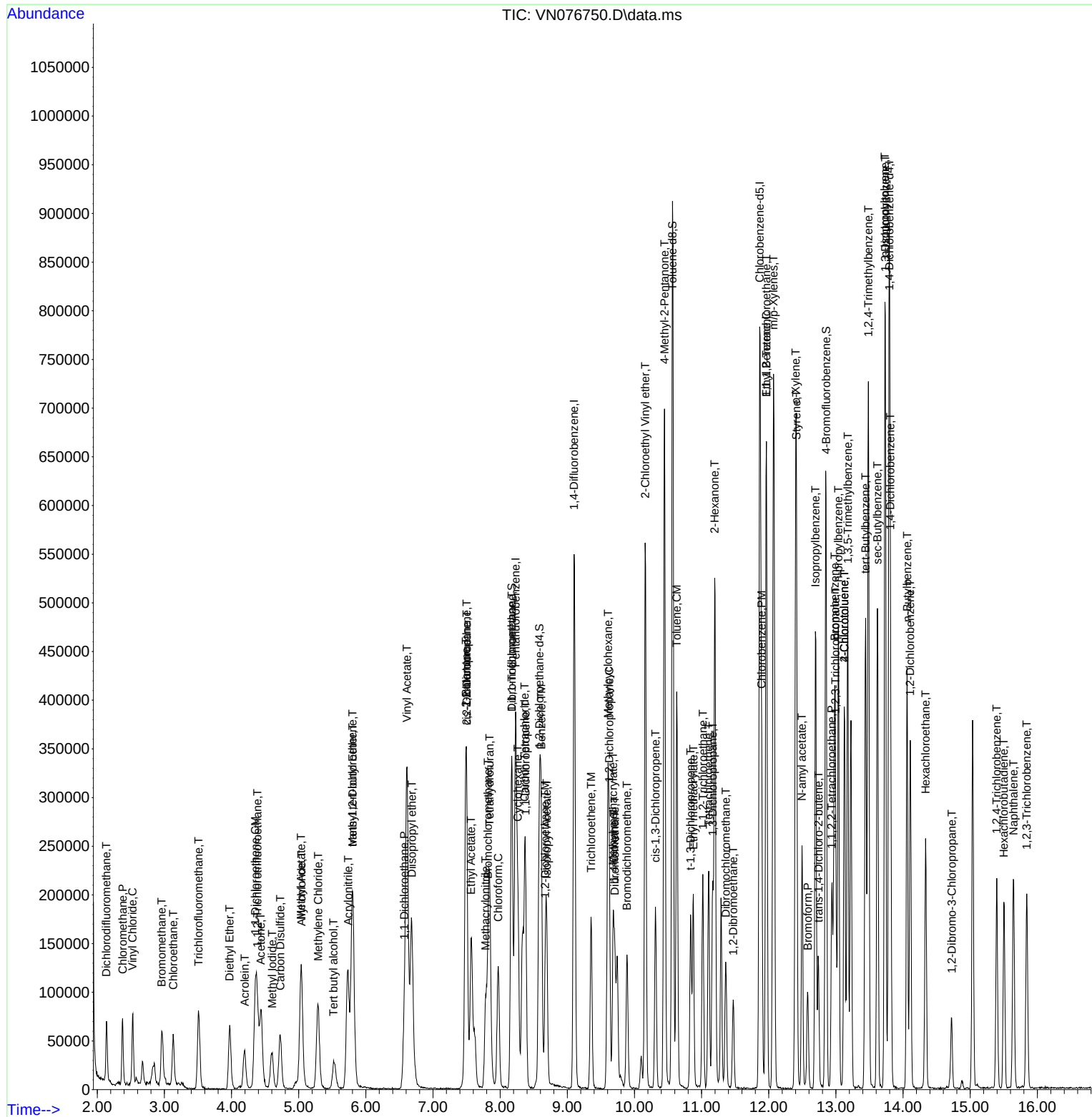
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

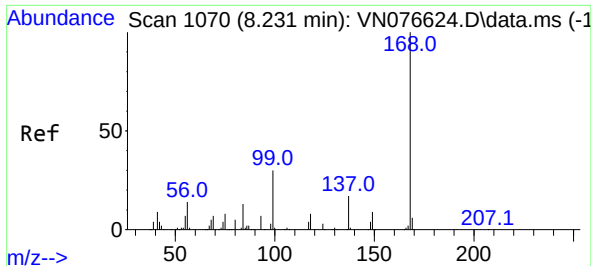
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 ALS Vial : 8 Sample Multiplier: 1

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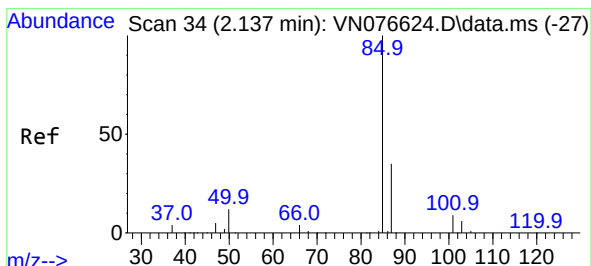
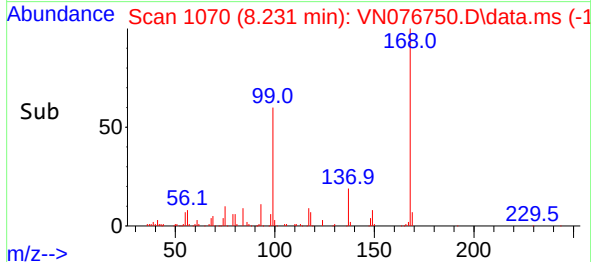
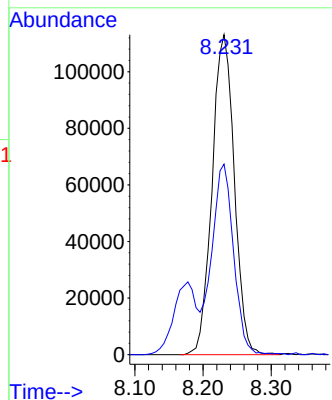
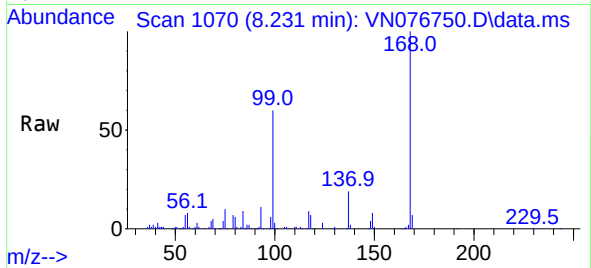




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.231 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

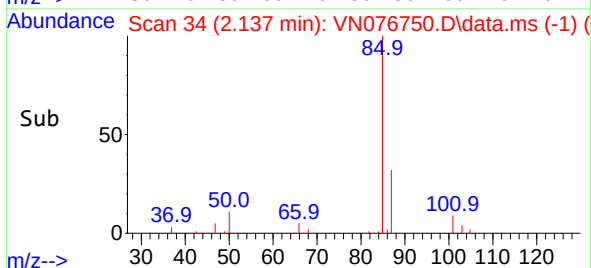
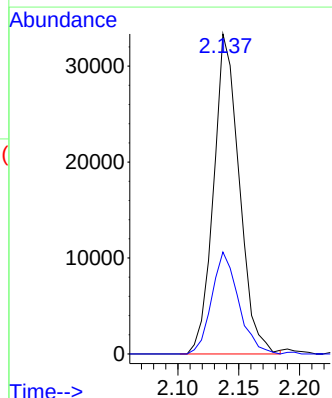
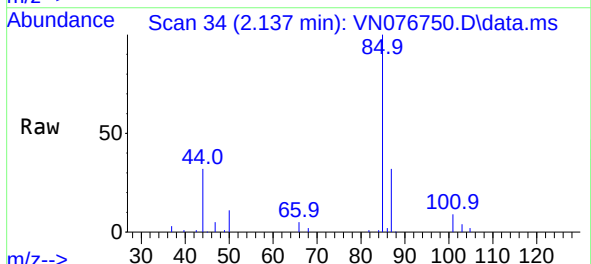
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

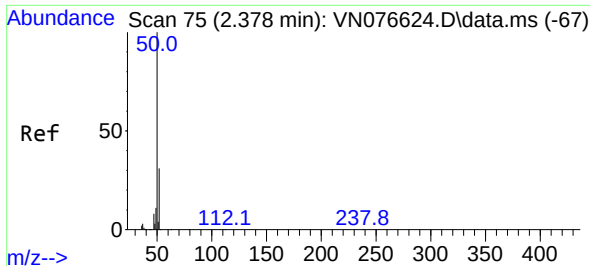
Tgt Ion:168 Resp: 256564  
Ion Ratio Lower Upper  
168 100  
99 59.2 44.8 67.2



#2  
Dichlorodifluoromethane  
Concen: 17.949 ug/l  
RT: 2.137 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 85 Resp: 48898  
Ion Ratio Lower Upper  
85 100  
87 31.8 17.4 52.2

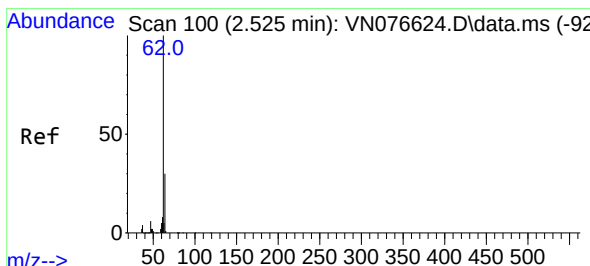
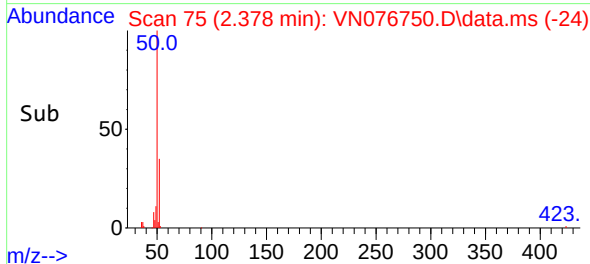
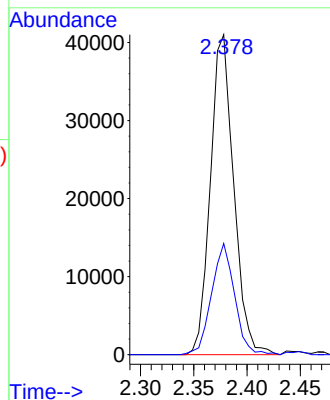
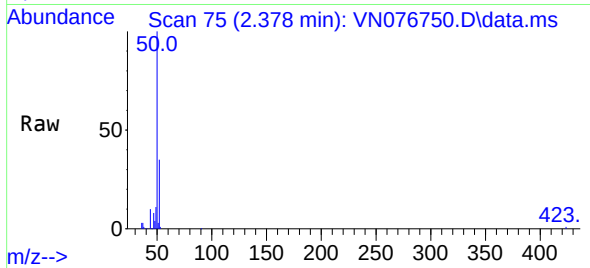




#3  
Chloromethane  
Concen: 17.603 ug/l  
RT: 2.378 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

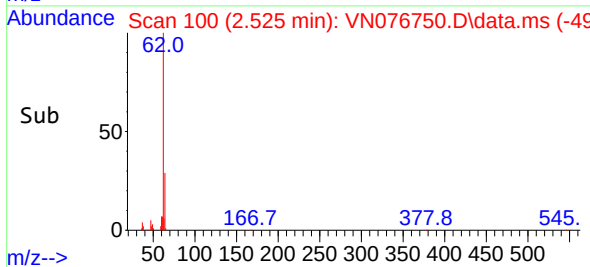
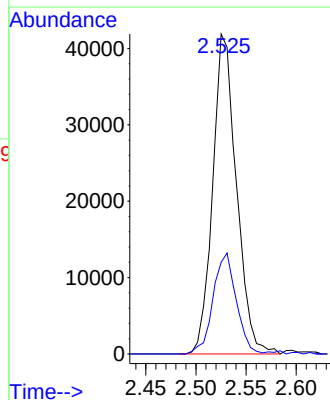
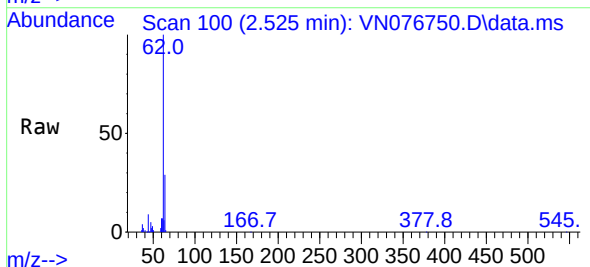
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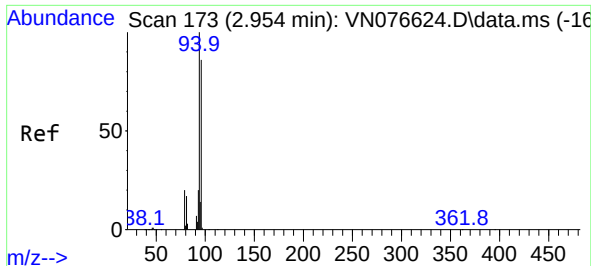
Tgt Ion: 50 Resp: 62567  
Ion Ratio Lower Upper  
50 100  
52 34.8 24.7 37.1



#4  
Vinyl Chloride  
Concen: 19.714 ug/l  
RT: 2.525 min Scan# 100  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 62 Resp: 68960  
Ion Ratio Lower Upper  
62 100  
64 28.7 23.9 35.9

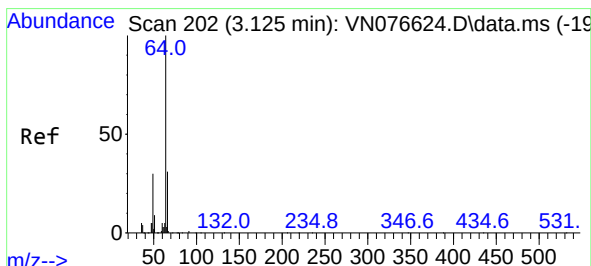
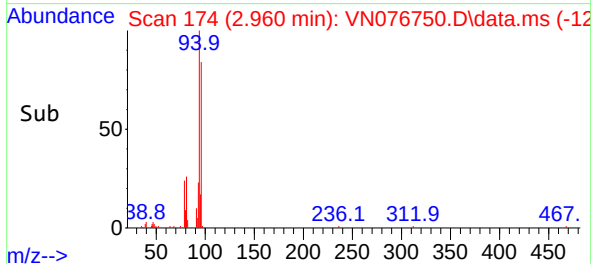
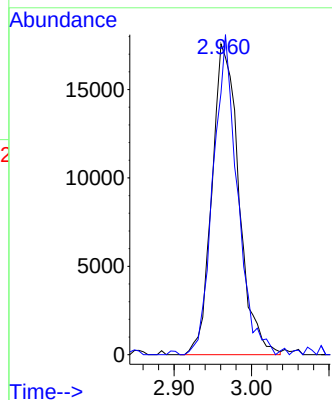
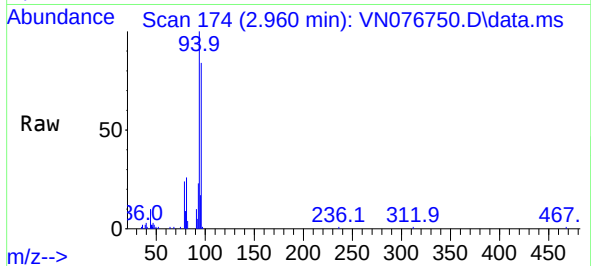




#5  
Bromomethane  
Concen: 20.020 ug/l  
RT: 2.960 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

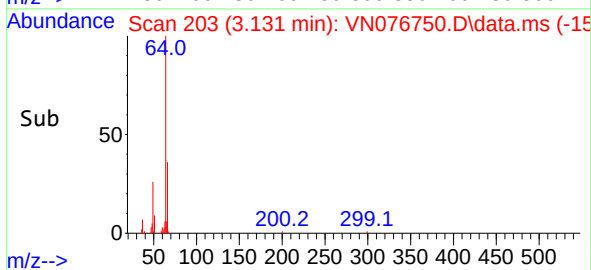
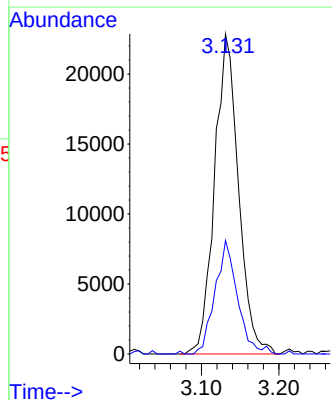
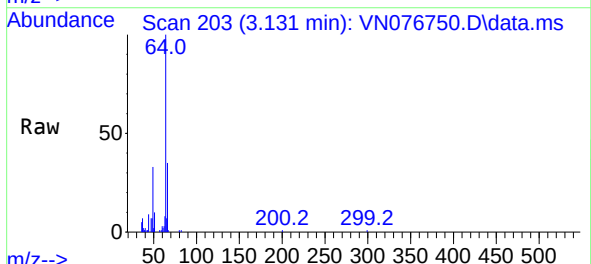
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VN0221WBS01

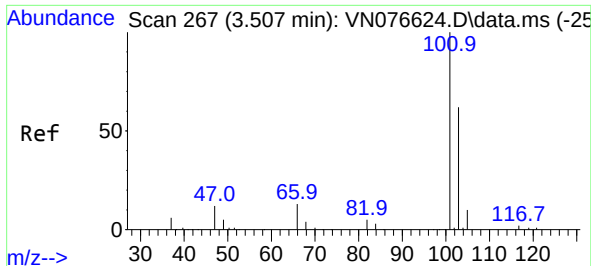
Tgt Ion: 94 Resp: 42433  
Ion Ratio Lower Upper  
94 100  
96 84.3 69.0 103.4



#6  
Chloroethane  
Concen: 22.182 ug/l  
RT: 3.131 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 64 Resp: 49038  
Ion Ratio Lower Upper  
64 100  
66 35.4 24.6 37.0

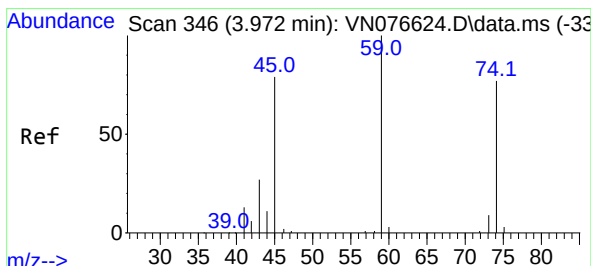
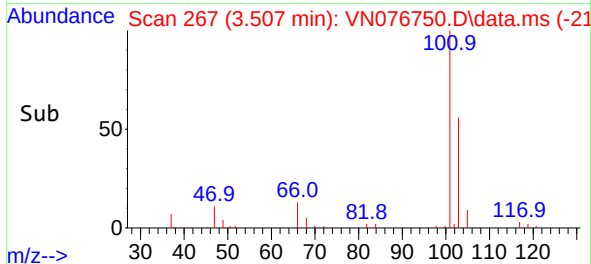
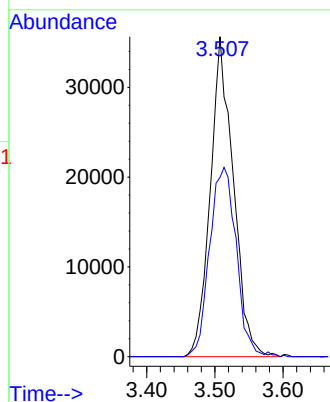
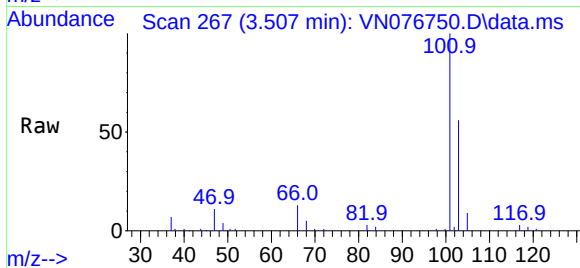




#7  
Trichlorofluoromethane  
Concen: 17.608 ug/l  
RT: 3.507 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

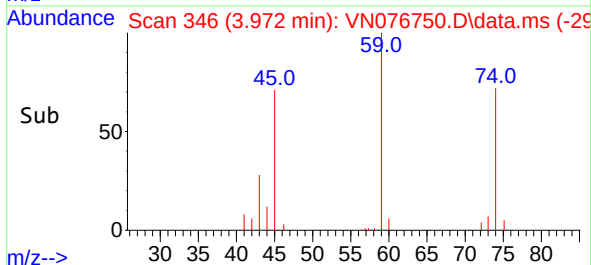
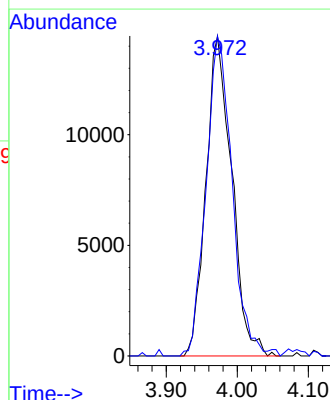
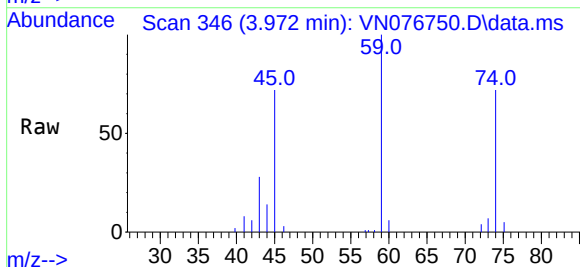
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

Tgt Ion:101 Resp: 83805  
Ion Ratio Lower Upper  
101 100  
103 56.0 49.4 74.2

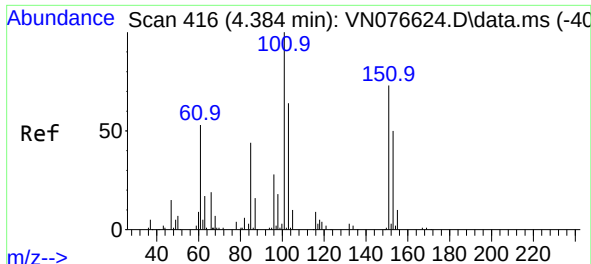


#8  
Diethyl Ether  
Concen: 19.911 ug/l  
RT: 3.972 min Scan# 346  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 74 Resp: 36518  
Ion Ratio Lower Upper  
74 100  
45 100.4 51.3 153.9



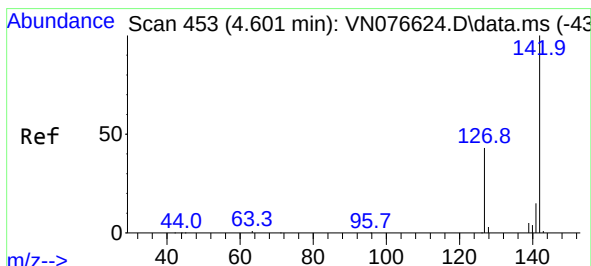
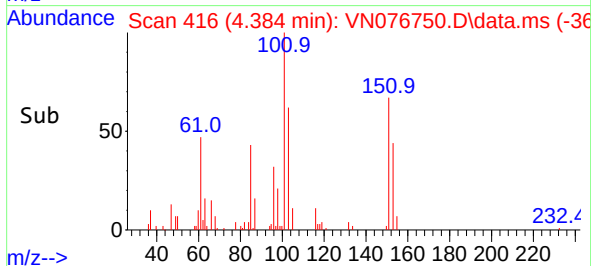
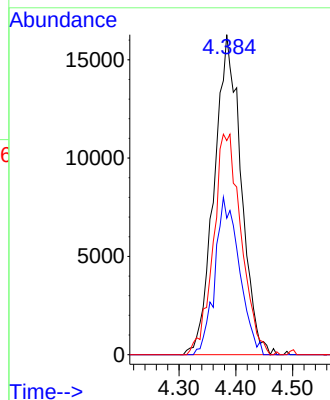
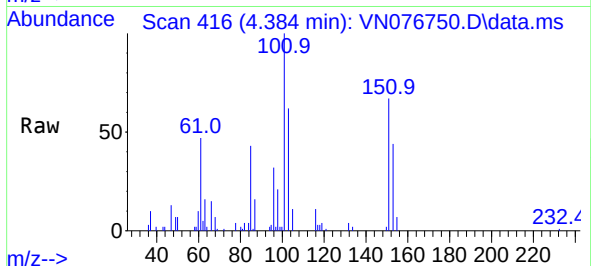




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.158 ug/l  
RT: 4.384 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

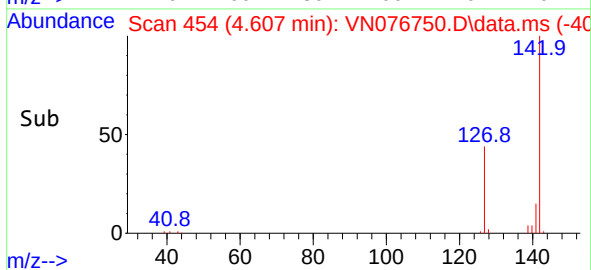
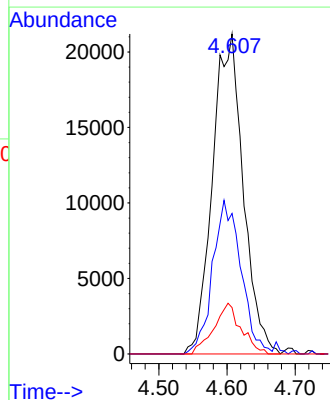
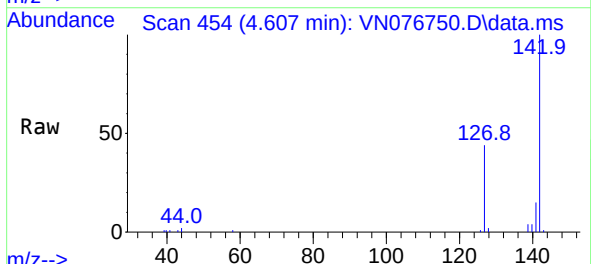
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

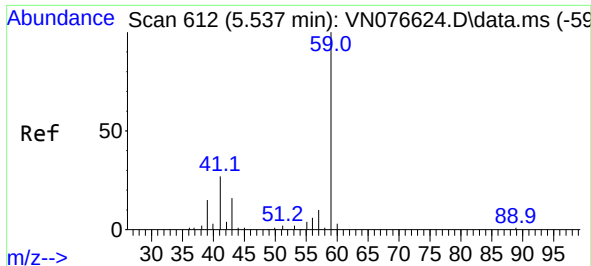
Tgt Ion:101 Resp: 53579  
Ion Ratio Lower Upper  
101 100  
85 44.6 37.4 56.0  
151 71.2 58.7 88.1



#10  
Methyl Iodide  
Concen: 19.201 ug/l  
RT: 4.607 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion:142 Resp: 66314  
Ion Ratio Lower Upper  
142 100  
127 43.9 34.6 51.8  
141 14.5 11.7 17.5

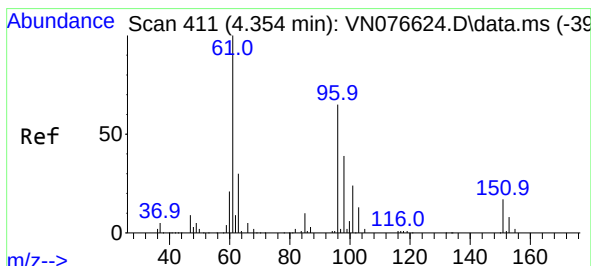
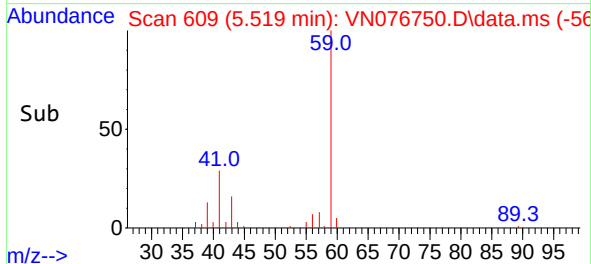
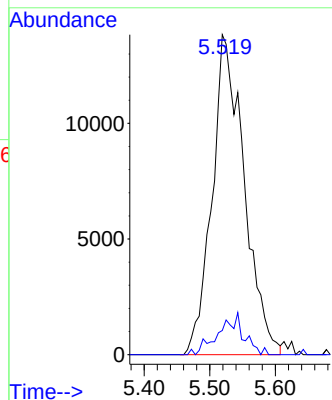
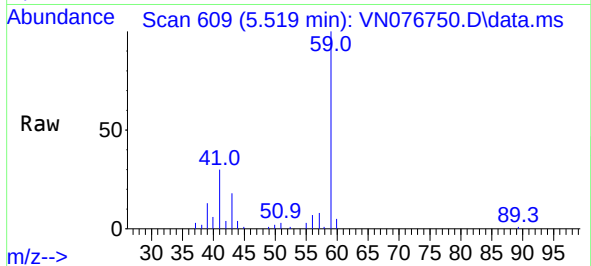




#11  
Tert butyl alcohol  
Concen: 100.262 ug/l  
RT: 5.519 min Scan# 609  
Delta R.T. -0.018 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

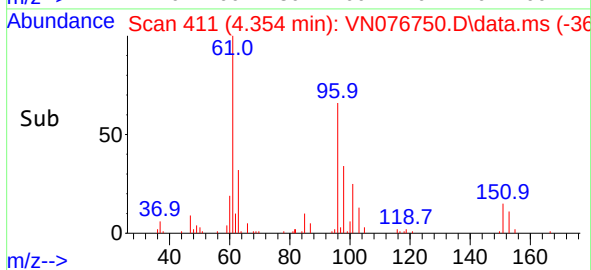
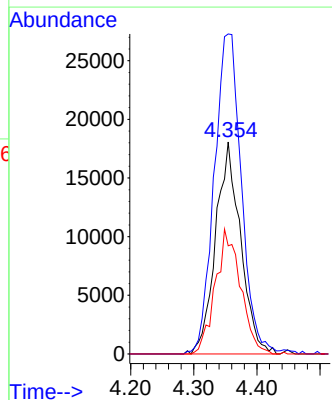
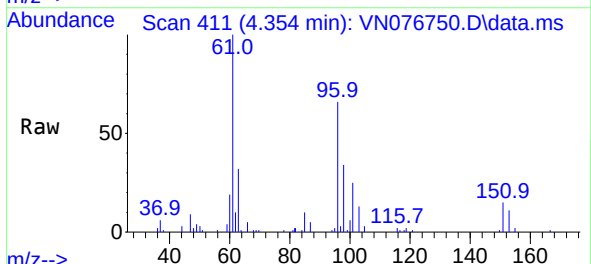
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

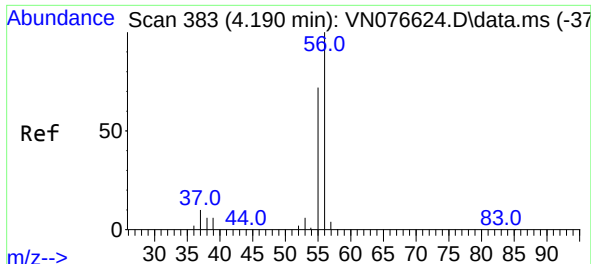
Tgt Ion: 59 Resp: 46886  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#



#12  
1,1-Dichloroethene  
Concen: 18.752 ug/l  
RT: 4.354 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 96 Resp: 49658  
Ion Ratio Lower Upper  
96 100  
61 150.9 123.8 185.6  
98 51.0 48.4 72.6

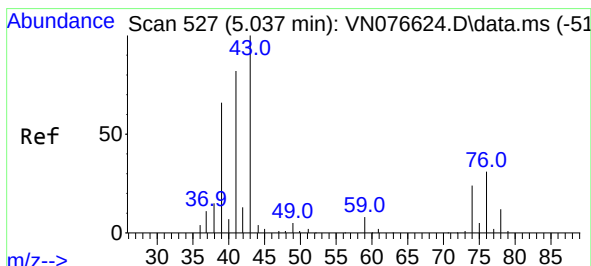
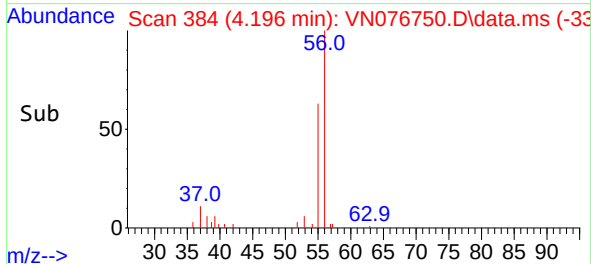
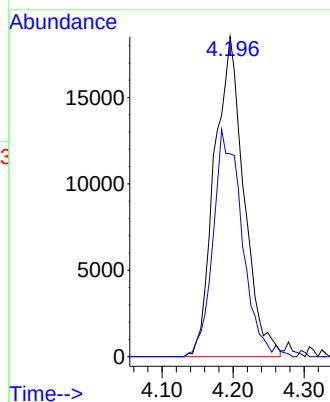
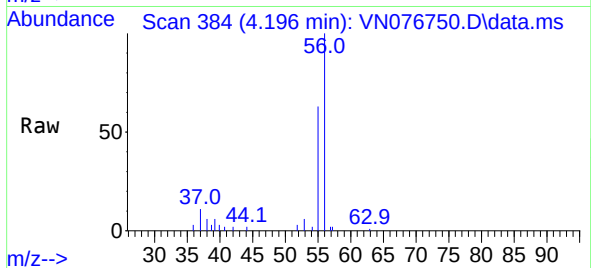




#13  
Acrolein  
Concen: 75.921 ug/l  
RT: 4.196 min Scan# 384  
Delta R.T. 0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

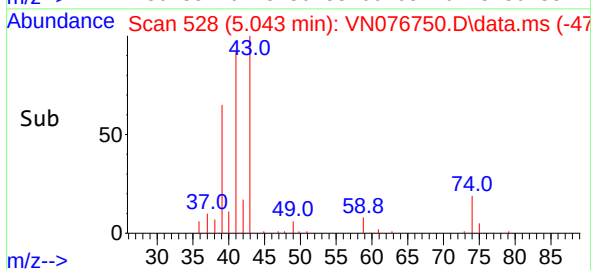
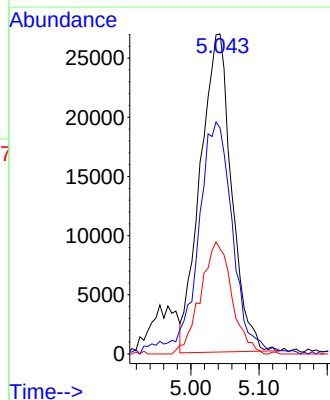
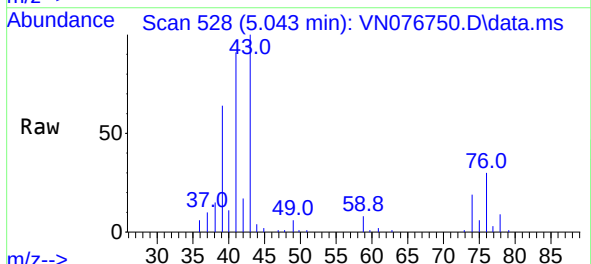
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

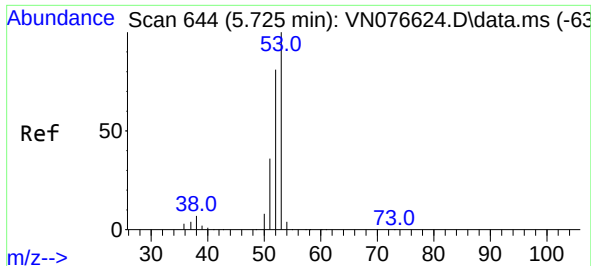
Tgt Ion: 56 Resp: 53301  
Ion Ratio Lower Upper  
56 100  
55 70.1 56.3 84.5



#14  
Allyl chloride  
Concen: 18.700 ug/l  
RT: 5.043 min Scan# 528  
Delta R.T. 0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 41 Resp: 85807  
Ion Ratio Lower Upper  
41 100  
39 81.9 62.3 93.5  
76 35.2 27.0 40.6

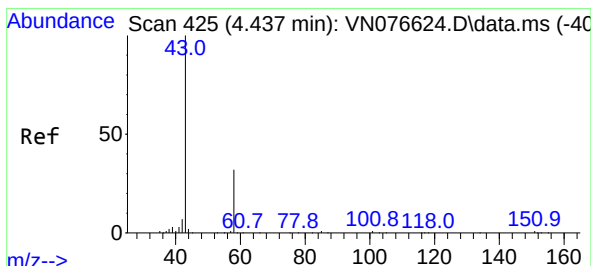
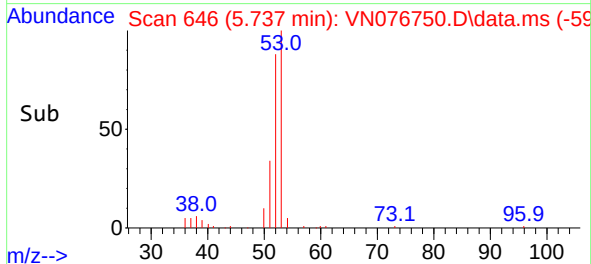
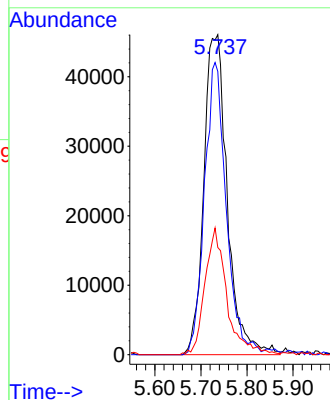
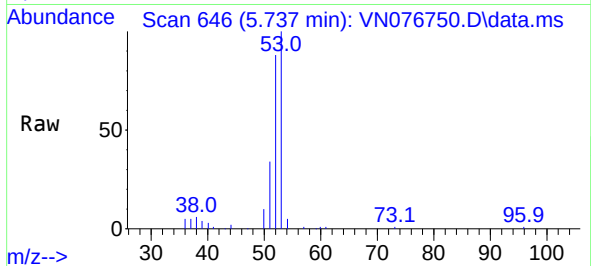




#15  
Acrylonitrile  
Concen: 98.492 ug/l  
RT: 5.737 min Scan# 644  
Delta R.T. 0.012 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

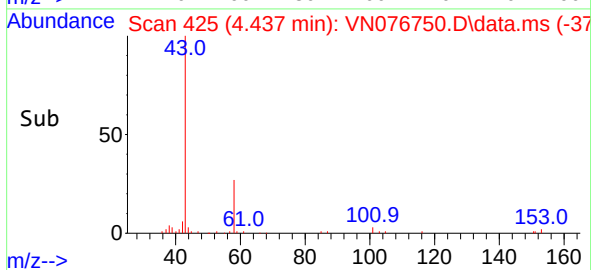
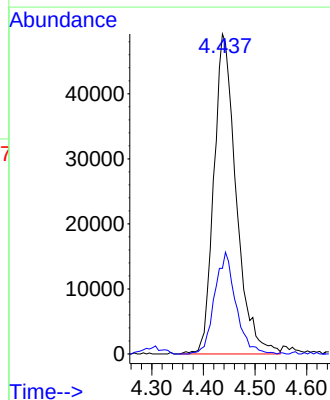
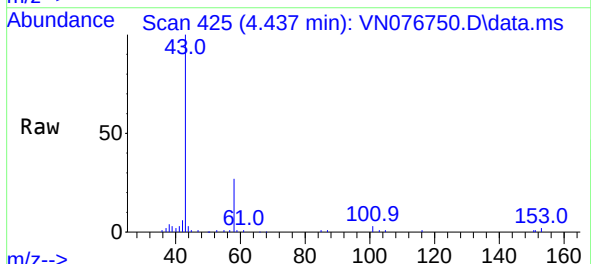
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

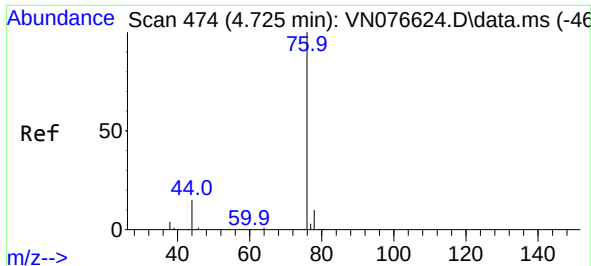
Tgt Ion: 53 Resp: 163457  
Ion Ratio Lower Upper  
53 100  
52 84.4 65.3 97.9  
51 37.0 29.2 43.8



#16  
Acetone  
Concen: 93.167 ug/l  
RT: 4.437 min Scan# 425  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 43 Resp: 147438  
Ion Ratio Lower Upper  
43 100  
58 26.7 25.9 38.9

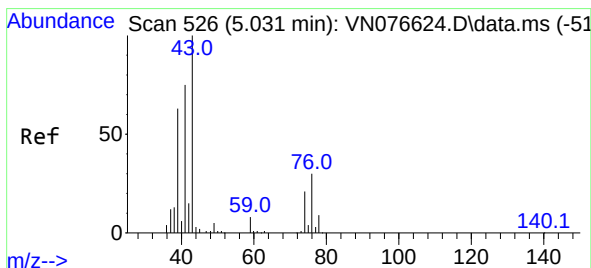
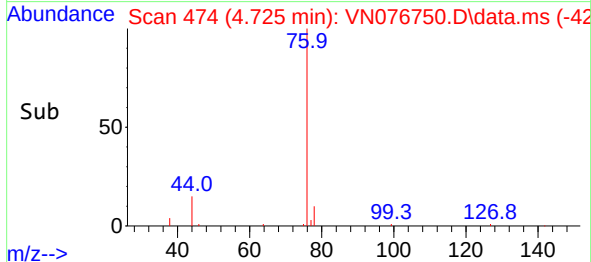
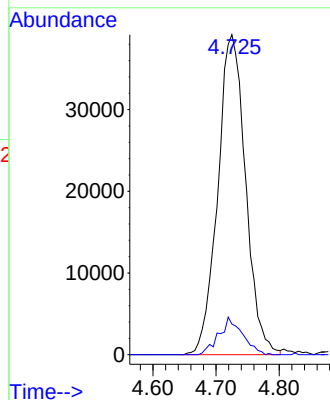
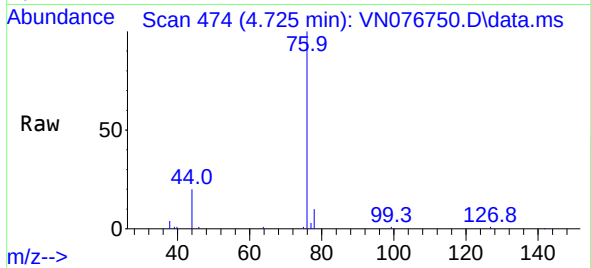




#17  
Carbon Disulfide  
Concen: 17.138 ug/l  
RT: 4.725 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

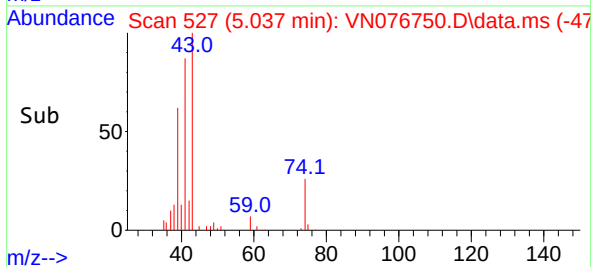
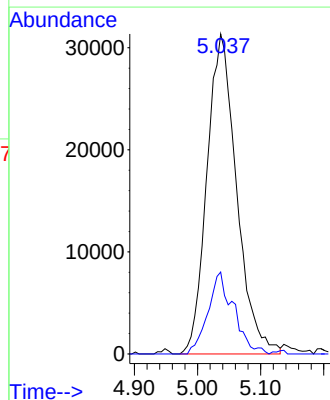
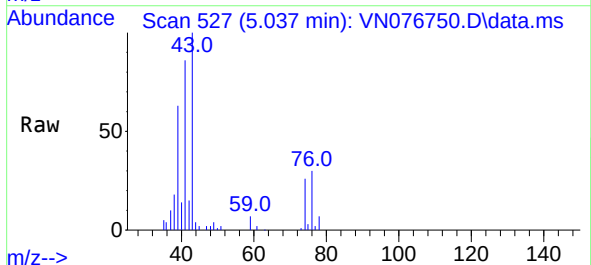
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

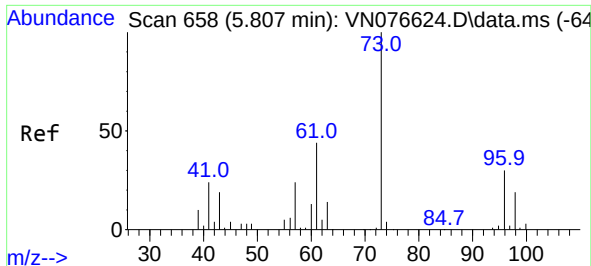
Tgt Ion: 76 Resp: 119832  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.8 11.8



#18  
Methyl Acetate  
Concen: 19.796 ug/l  
RT: 5.037 min Scan# 527  
Delta R.T. 0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 43 Resp: 102260  
Ion Ratio Lower Upper  
43 100  
74 22.1 17.7 26.5

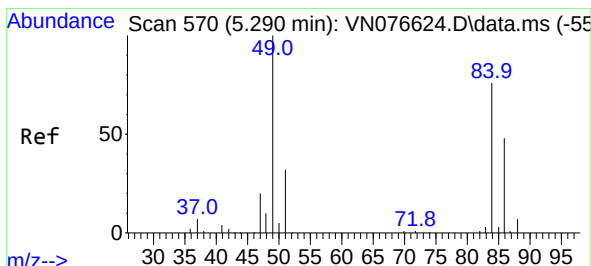
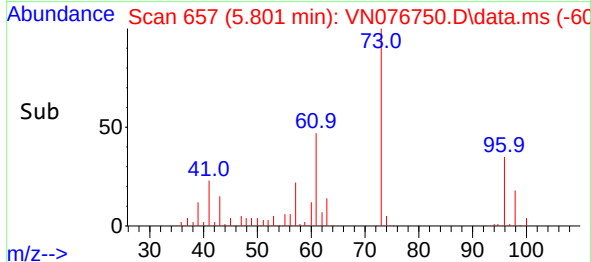
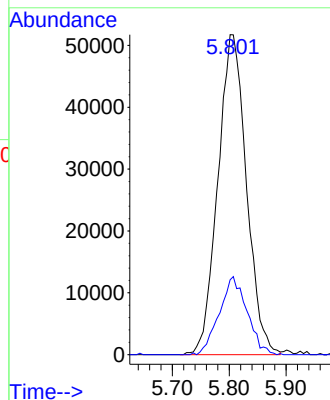
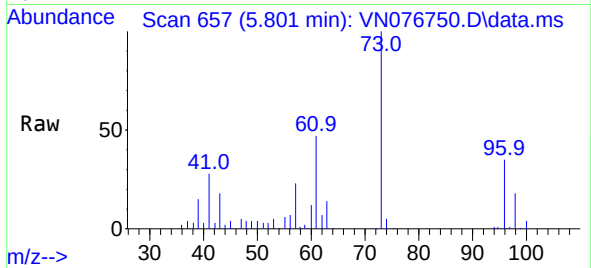




#19  
Methyl tert-butyl Ether  
Concen: 20.259 ug/l  
RT: 5.801 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

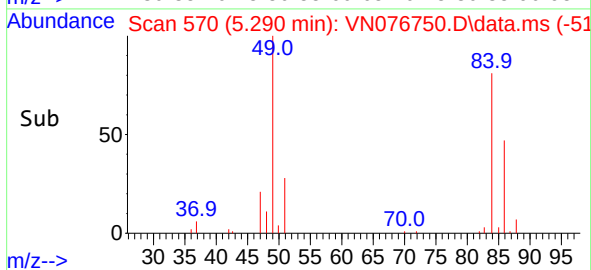
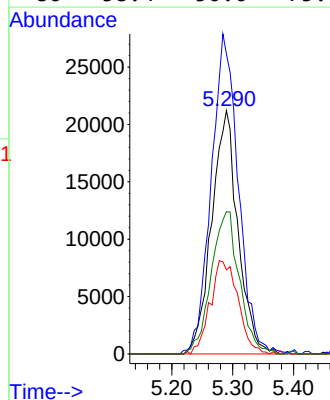
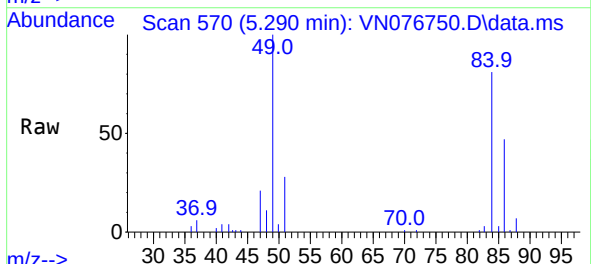
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

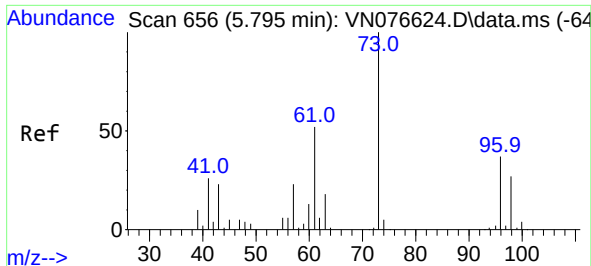
Tgt Ion: 73 Resp: 180876  
Ion Ratio Lower Upper  
73 100  
57 23.4 19.0 28.4



#20  
Methylene Chloride  
Concen: 19.187 ug/l  
RT: 5.290 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 84 Resp: 63637  
Ion Ratio Lower Upper  
84 100  
49 123.2 104.9 157.3  
51 34.5 33.8 50.8  
86 58.4 50.0 75.0

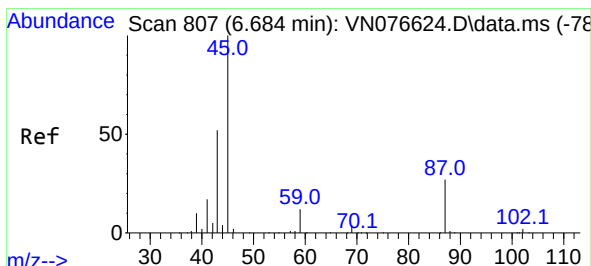
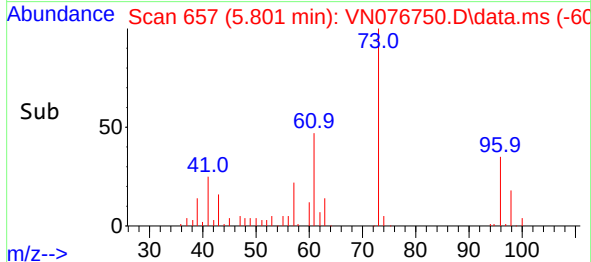
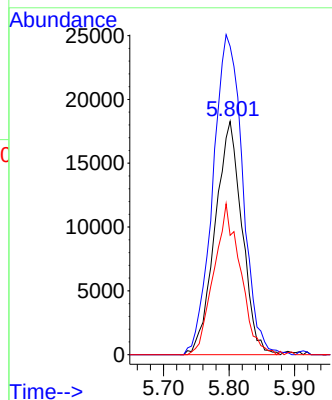
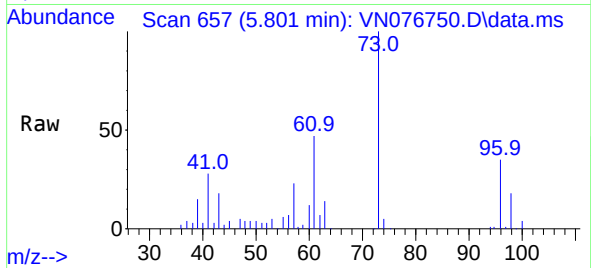




#21  
trans-1,2-Dichloroethene  
Concen: 17.538 ug/l  
RT: 5.801 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

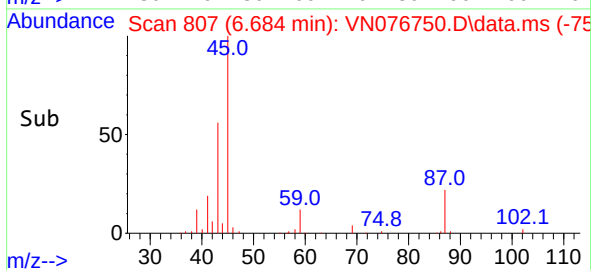
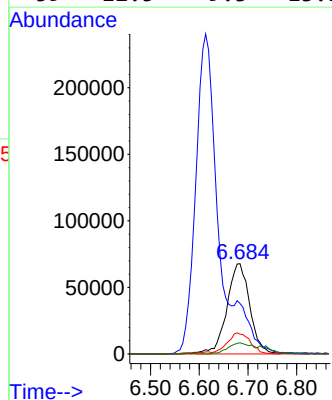
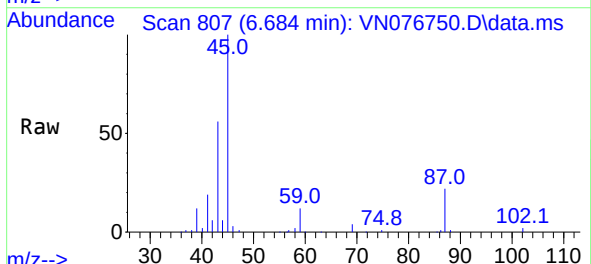
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

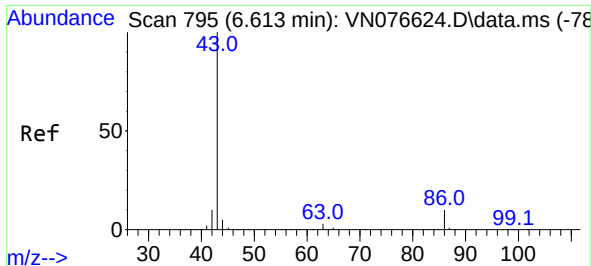
Tgt Ion: 96 Resp: 52282  
Ion Ratio Lower Upper  
96 100  
61 132.1 113.9 170.9  
98 51.2 59.4 89.0#



#22  
Diisopropyl ether  
Concen: 20.589 ug/l  
RT: 6.684 min Scan# 807  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 45 Resp: 221588  
Ion Ratio Lower Upper  
45 100  
43 54.4 41.8 62.6  
87 22.0 21.8 32.8  
59 12.5 9.3 13.9

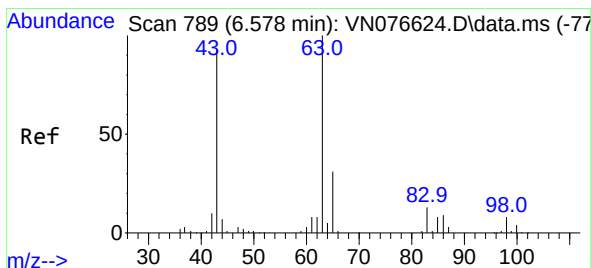
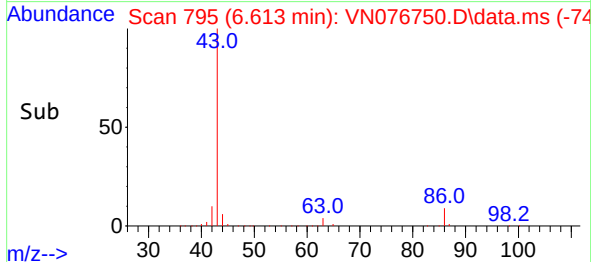
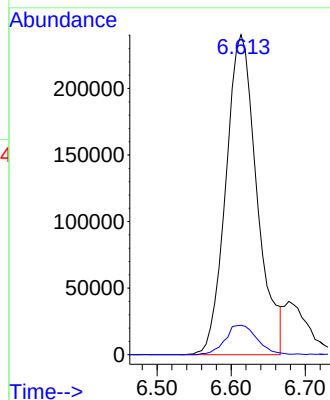
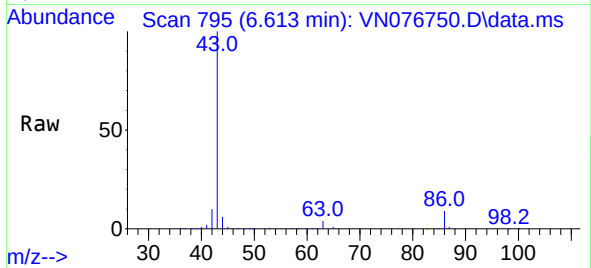




#23  
 Vinyl Acetate  
 Concen: 110.005 ug/l  
 RT: 6.613 min Scan# 795  
 Delta R.T. 0.000 min  
 Lab File: VN076750.D  
 Acq: 21 Feb 2023 14:47

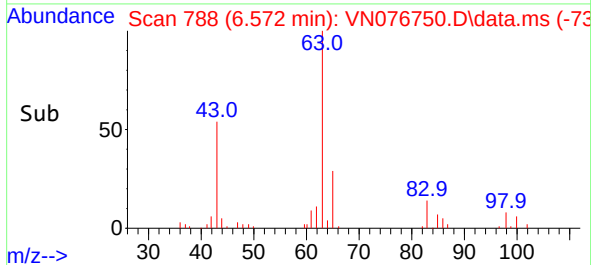
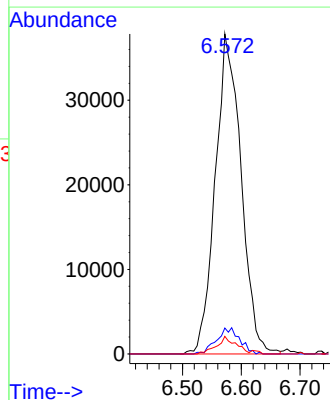
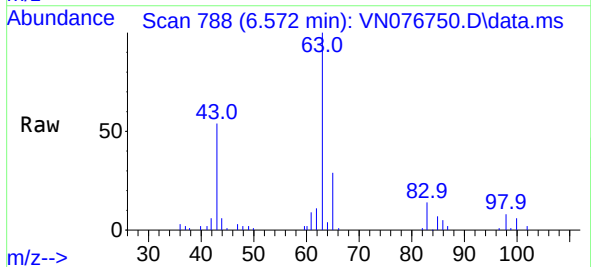
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0221WBS01

Tgt Ion: 43 Resp: 700477  
 Ion Ratio Lower Upper  
 43 100  
 86 9.2 8.2 12.2

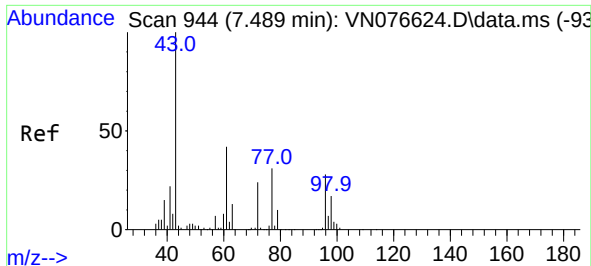


#24  
 1,1-Dichloroethane  
 Concen: 19.548 ug/l  
 RT: 6.572 min Scan# 788  
 Delta R.T. -0.006 min  
 Lab File: VN076750.D  
 Acq: 21 Feb 2023 14:47

Tgt Ion: 63 Resp: 115301  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 4.1 12.3  
 100 5.5 2.0 5.8



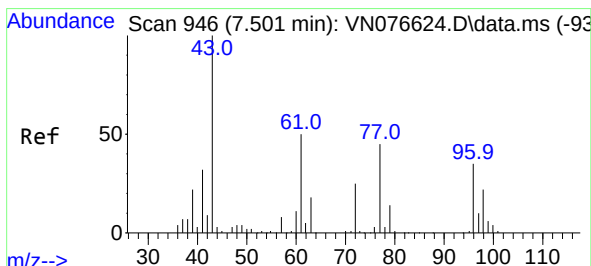
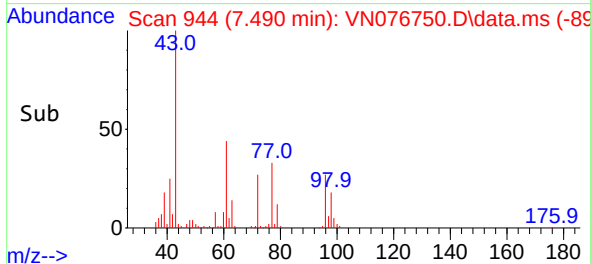
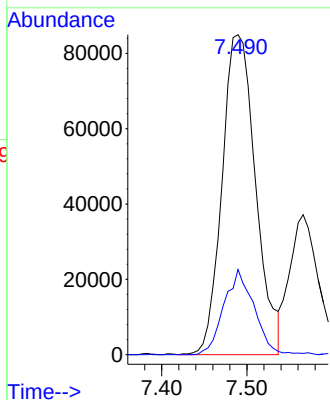
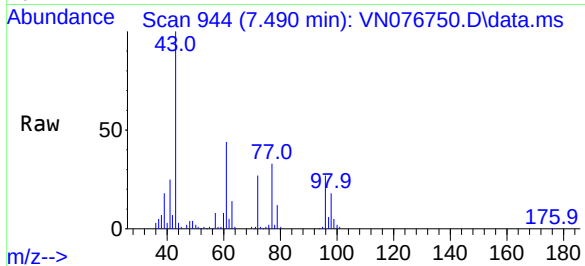




#25  
2-Butanone  
Concen: 99.871 ug/l  
RT: 7.490 min Scan# 944  
Delta R.T. 0.001 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

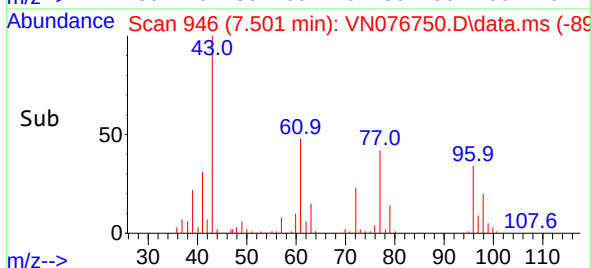
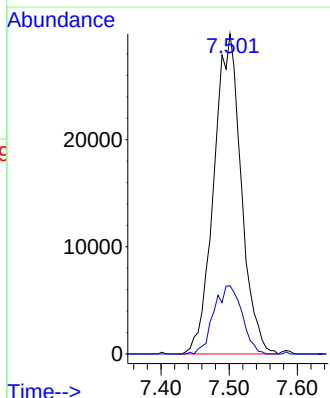
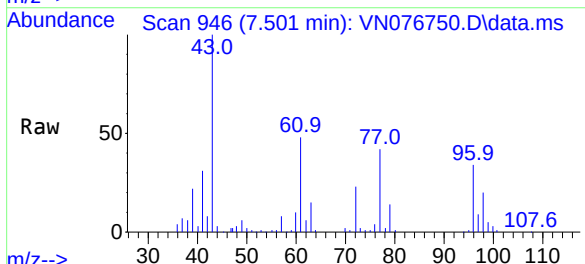
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

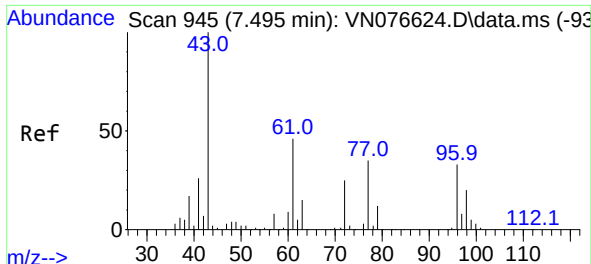
Tgt Ion: 43 Resp: 233132  
Ion Ratio Lower Upper  
43 100  
72 26.6 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 19.565 ug/l  
RT: 7.501 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 77 Resp: 83240  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.9 35.7

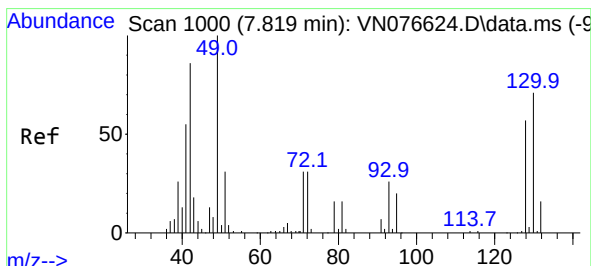
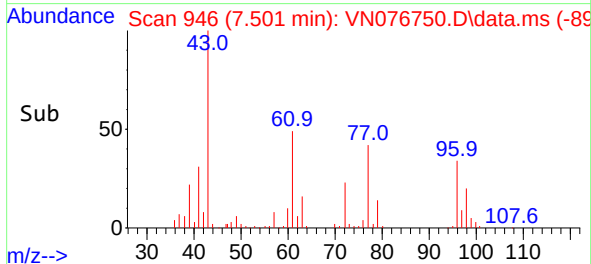
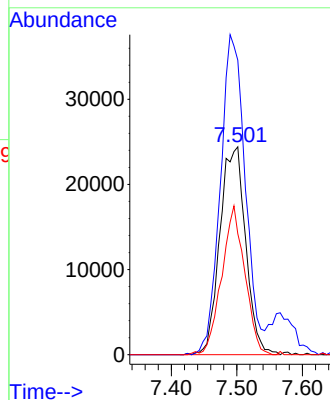
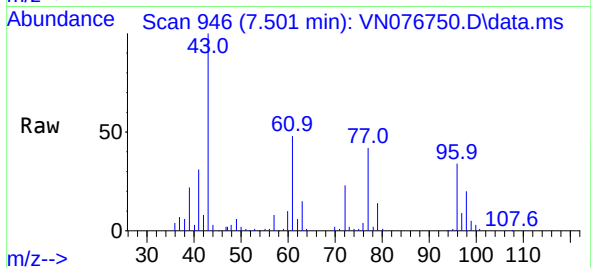




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.873 ug/l  
 RT: 7.501 min Scan# 945  
 Delta R.T. 0.006 min  
 Lab File: VN076750.D  
 Acq: 21 Feb 2023 14:47

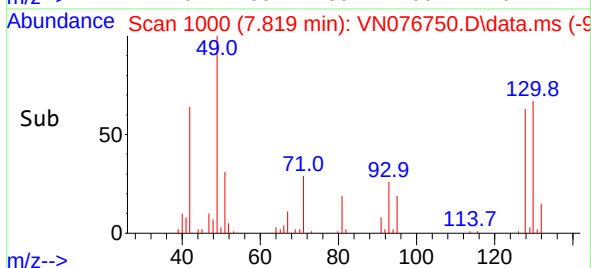
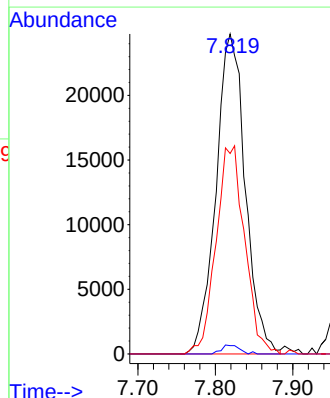
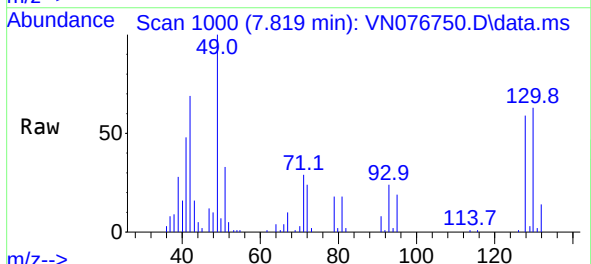
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0221WBS01

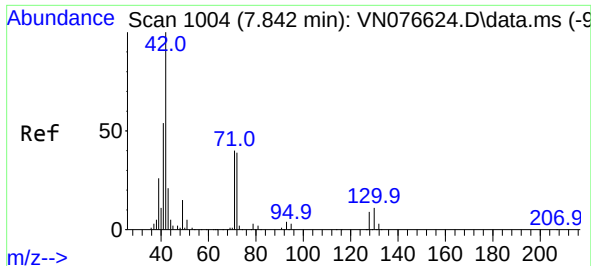
Tgt Ion: 96 Resp: 66729  
 Ion Ratio Lower Upper  
 96 100  
 61 149.1 0.0 286.8  
 98 64.1 0.0 124.0



#28  
 Bromochloromethane  
 Concen: 23.201 ug/l  
 RT: 7.819 min Scan# 1000  
 Delta R.T. -0.000 min  
 Lab File: VN076750.D  
 Acq: 21 Feb 2023 14:47

Tgt Ion: 49 Resp: 65133  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 4.0  
 130 63.5 57.8 86.8





#29

Tetrahydrofuran

Concen: 102.722 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076750.D

Acq: 21 Feb 2023 14:47

Instrument :

MSVOA\_N

ClientSampleId :

VN0221WBS01

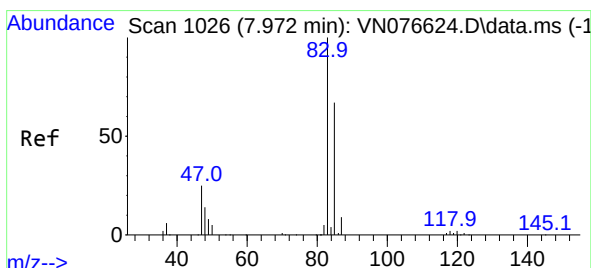
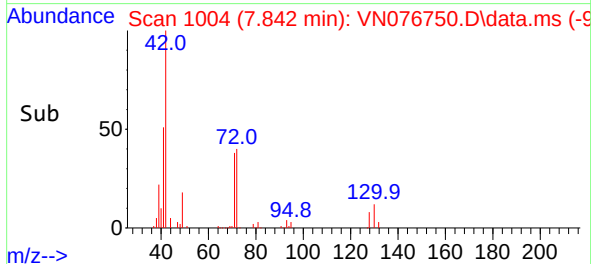
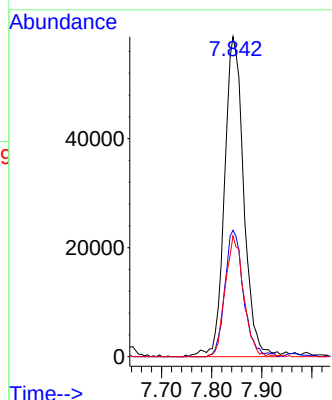
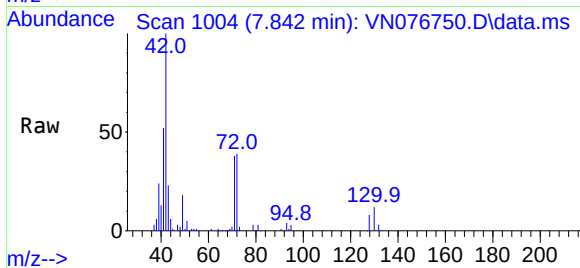
Tgt Ion: 42 Resp: 156665

Ion Ratio Lower Upper

42 100

72 37.9 31.5 47.3

71 36.2 29.8 44.8



#30

Chloroform

Concen: 19.476 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076750.D

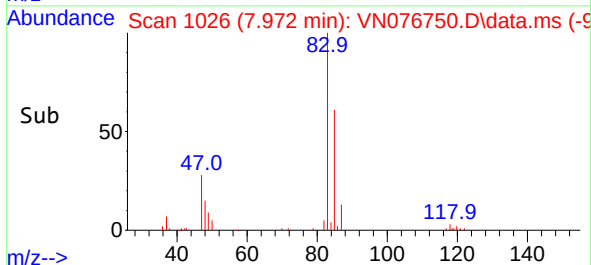
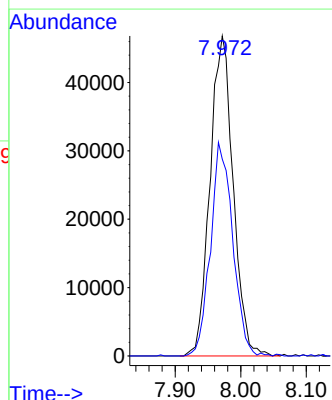
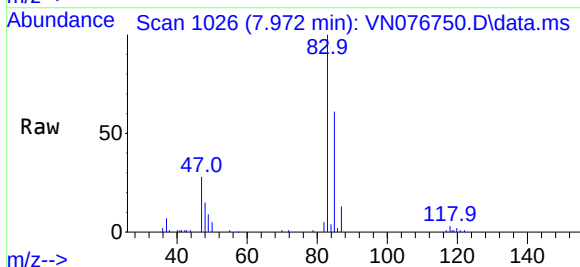
Acq: 21 Feb 2023 14:47

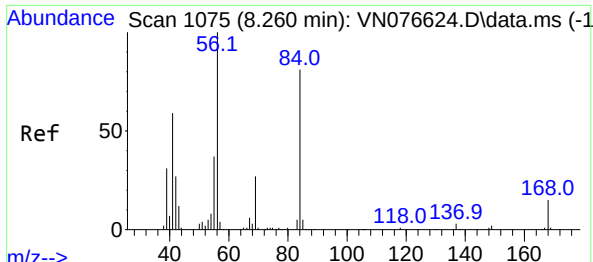
Tgt Ion: 83 Resp: 114778

Ion Ratio Lower Upper

83 100

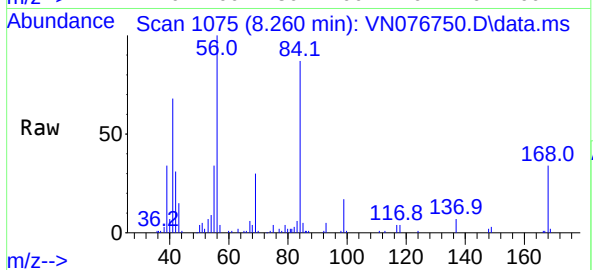
85 61.5 53.5 80.3



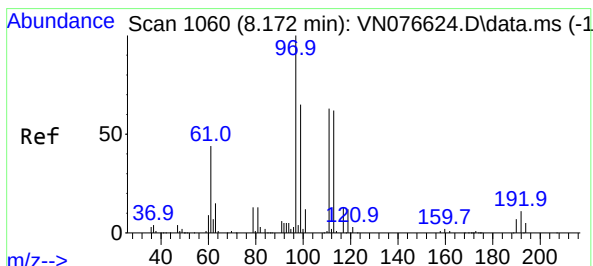
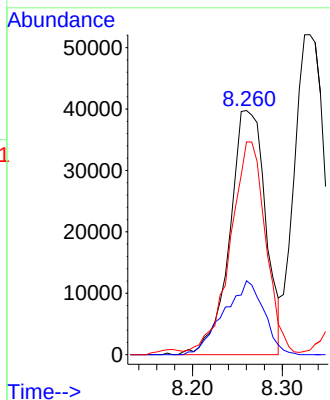
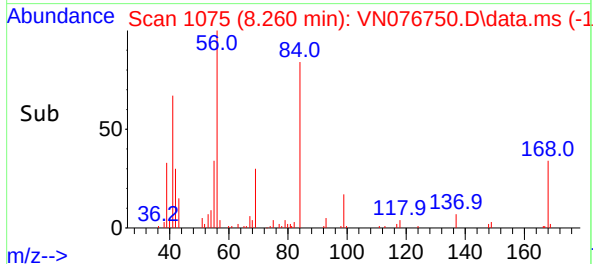


#31  
Cyclohexane  
Concen: 19.810 ug/l  
RT: 8.260 min Scan# 110093  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

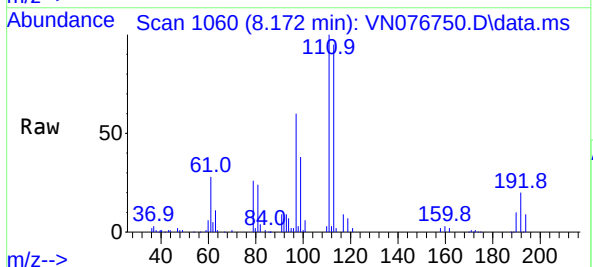
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01



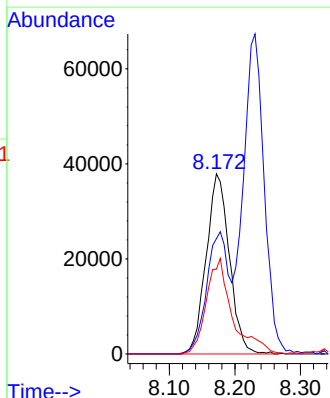
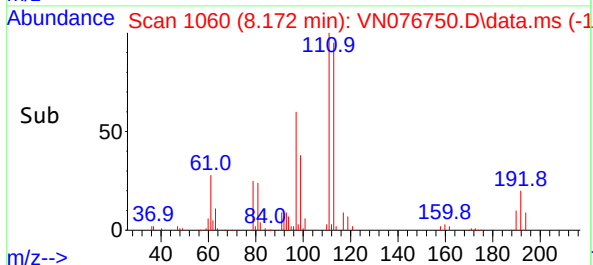
Tgt Ion: 56 Resp: 110093  
Ion Ratio Lower Upper  
56 100  
69 30.3 21.6 32.4  
84 85.4 65.1 97.7

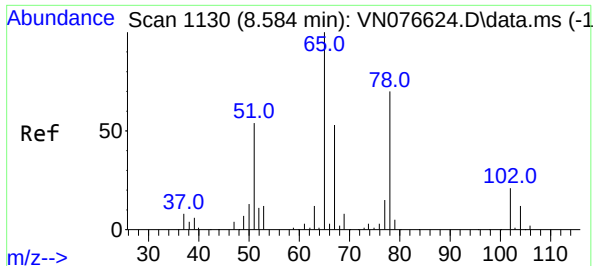


#32  
1,1,1-Trichloroethane  
Concen: 18.796 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47



Tgt Ion: 97 Resp: 93134  
Ion Ratio Lower Upper  
97 100  
99 65.0 51.2 76.8  
61 59.2 38.2 57.2#

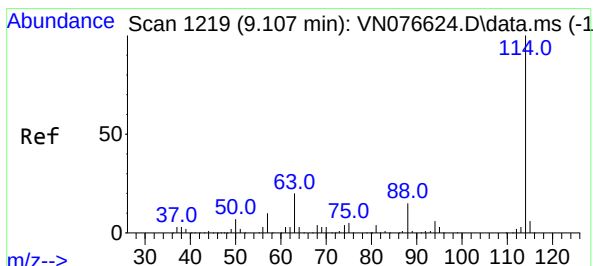
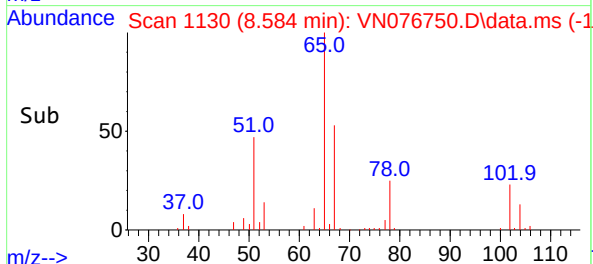
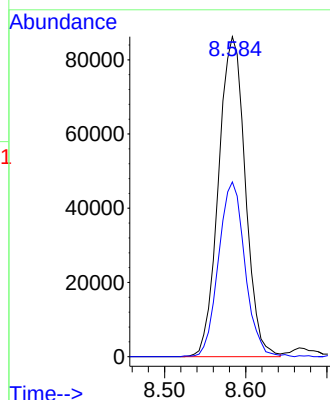
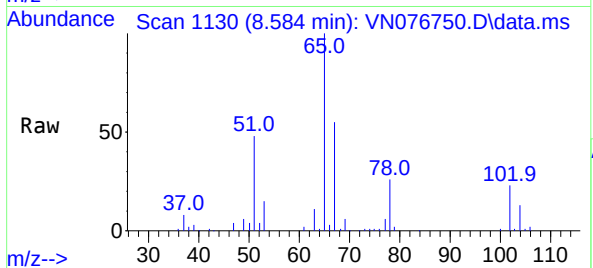




#33  
1,2-Dichloroethane-d4  
Concen: 55.743 ug/l  
RT: 8.584 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

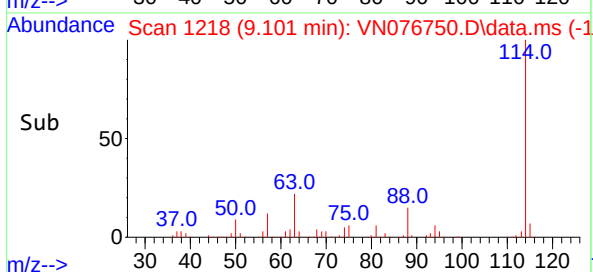
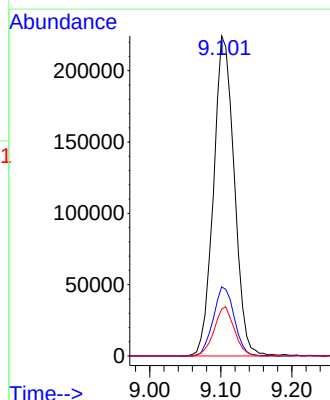
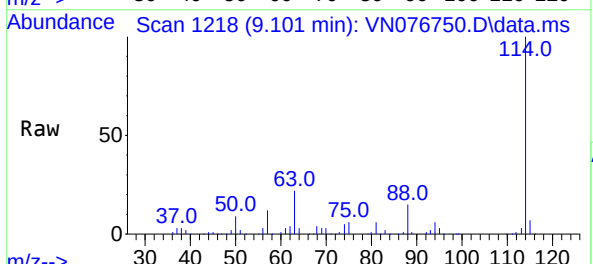
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

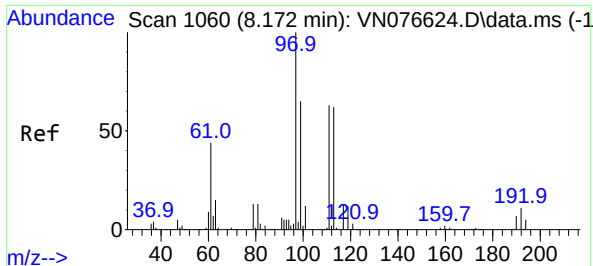
Tgt Ion: 65 Resp: 197486  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 105.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.101 min Scan# 1218  
Delta R.T. -0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 114 Resp: 454522  
Ion Ratio Lower Upper  
114 100  
63 21.6 0.0 40.0  
88 14.7 0.0 29.6

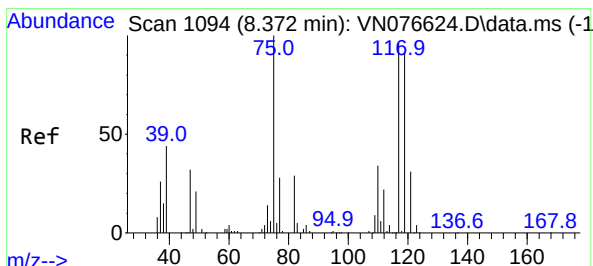
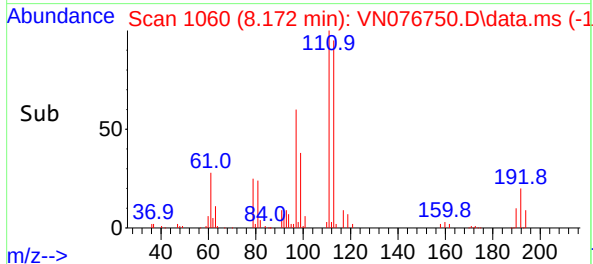
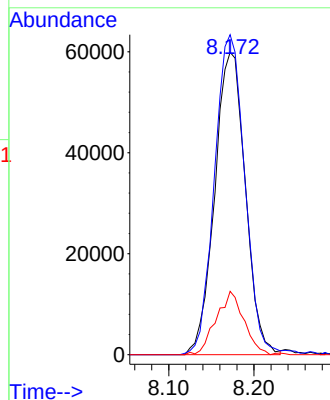
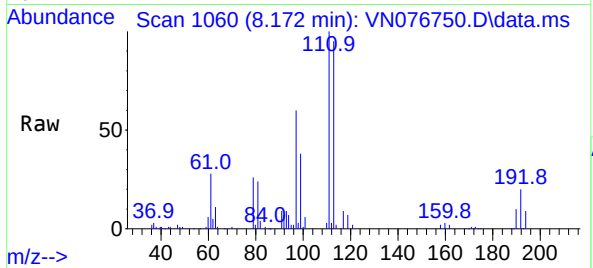




#35  
Dibromofluoromethane  
Concen: 50.187 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

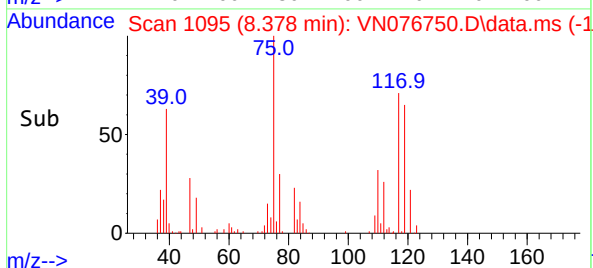
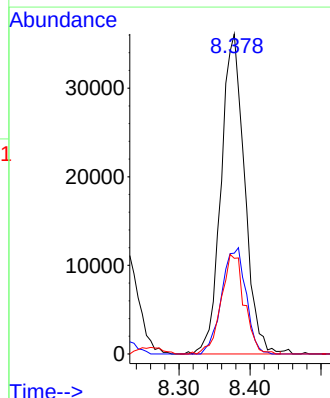
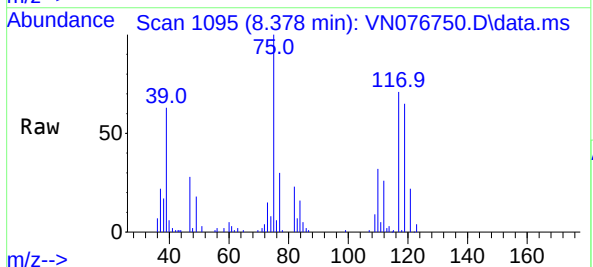
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

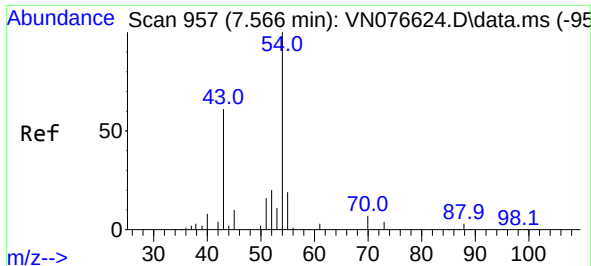
Tgt Ion:113 Resp: 149386  
Ion Ratio Lower Upper  
113 100  
111 105.0 83.1 124.7  
192 19.0 15.6 23.4



#36  
1,1-Dichloropropene  
Concen: 19.238 ug/l  
RT: 8.378 min Scan# 1095  
Delta R.T. 0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 75 Resp: 82734  
Ion Ratio Lower Upper  
75 100  
110 34.3 17.5 52.5  
77 30.9 24.5 36.7





#37

Ethyl Acetate

Concen: 18.380 ug/l

RT: 7.566 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076750.D

Acq: 21 Feb 2023 14:47

Instrument :

MSVOA\_N

ClientSampleId :

VN0221WBS01

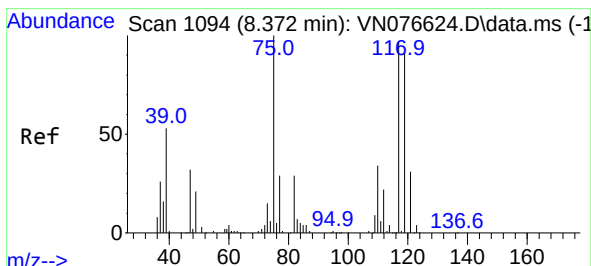
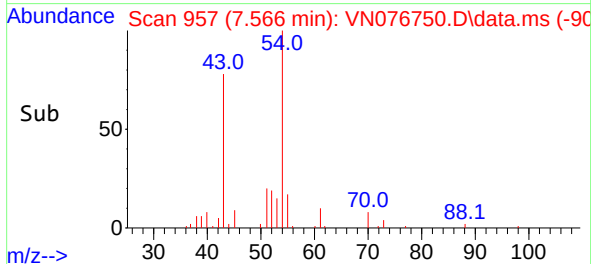
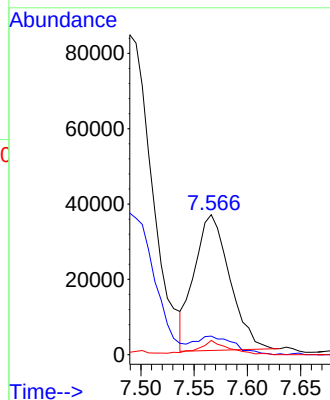
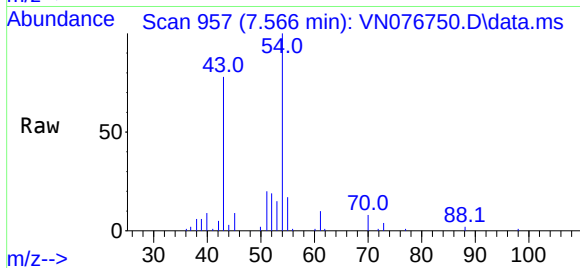
Tgt Ion: 43 Resp: 83167

Ion Ratio Lower Upper

43 100

61 15.1 9.9 14.9#

70 9.1 7.8 11.6



#38

Carbon Tetrachloride

Concen: 18.533 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VN076750.D

Acq: 21 Feb 2023 14:47

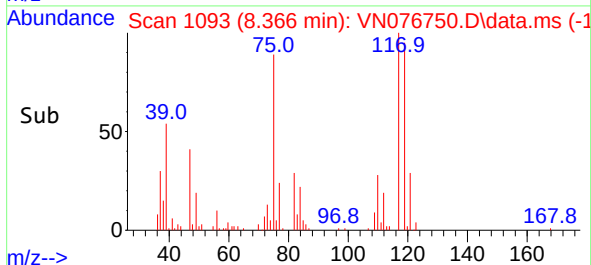
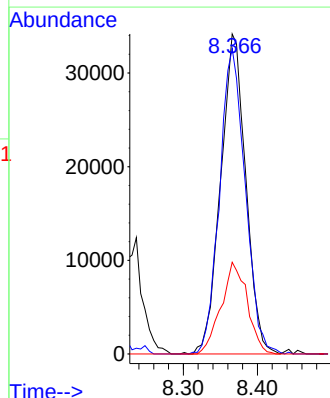
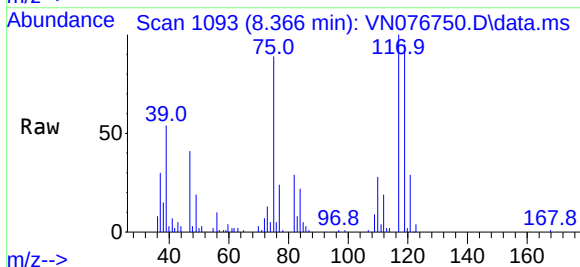
Tgt Ion: 117 Resp: 80406

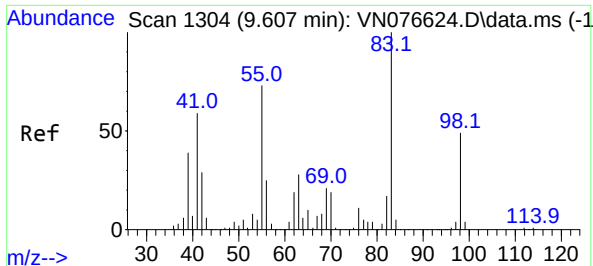
Ion Ratio Lower Upper

117 100

119 95.5 75.4 113.0

121 28.6 26.0 39.0

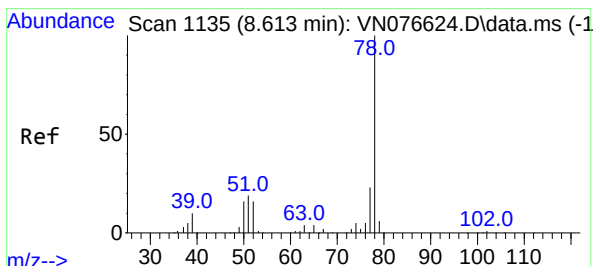
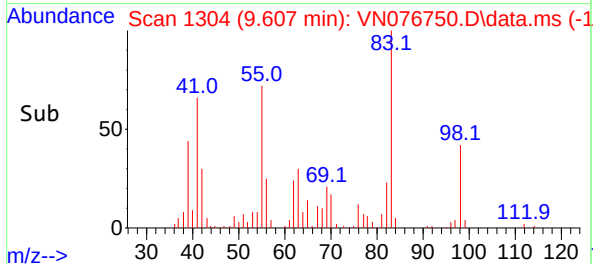
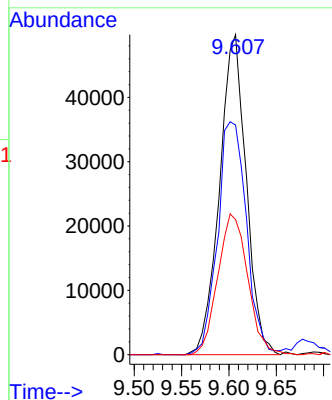
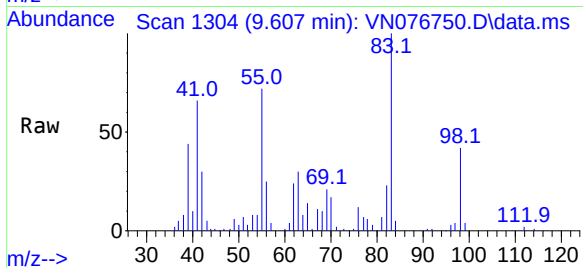




#39  
Methylcyclohexane  
Concen: 19.942 ug/l  
RT: 9.607 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

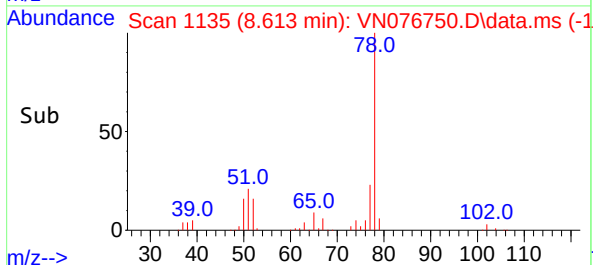
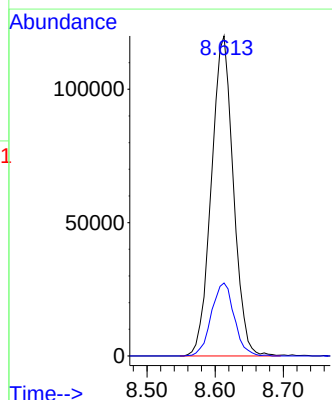
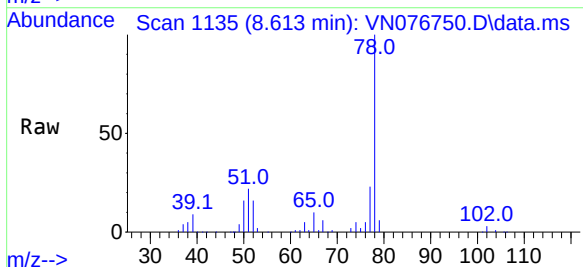
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

Tgt Ion: 83 Resp: 97487  
Ion Ratio Lower Upper  
83 100  
55 71.8 58.6 88.0  
98 42.2 39.4 59.2

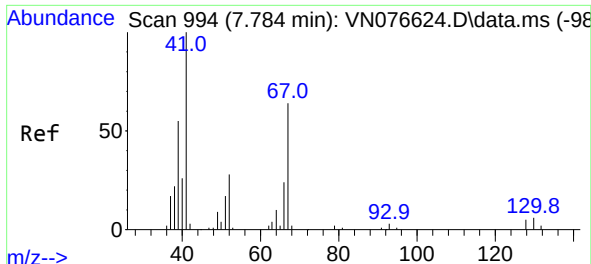


#40  
Benzene  
Concen: 20.382 ug/l  
RT: 8.613 min Scan# 1135  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 78 Resp: 269190  
Ion Ratio Lower Upper  
78 100  
77 22.8 18.2 27.4





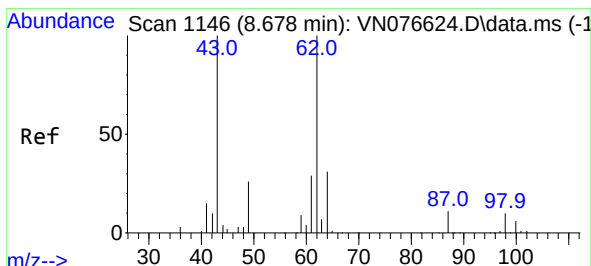
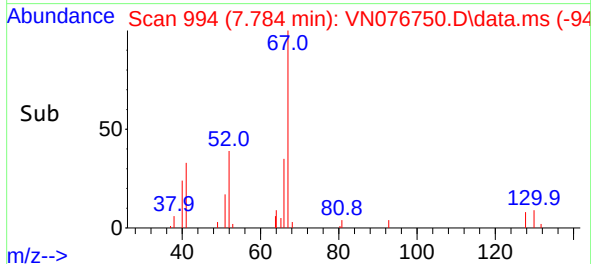
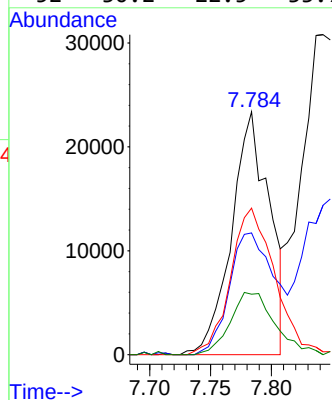
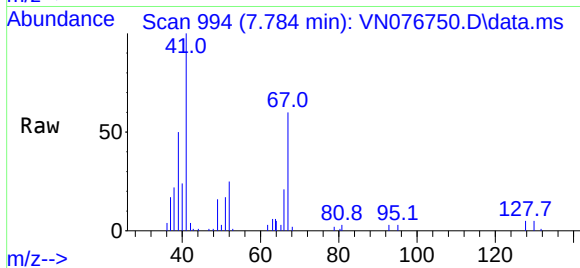


#41  
Methacrylonitrile  
Concen: 19.266 ug/l  
RT: 7.784 min Scan# 994  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

Tgt Ion: 41 Resp: 50503

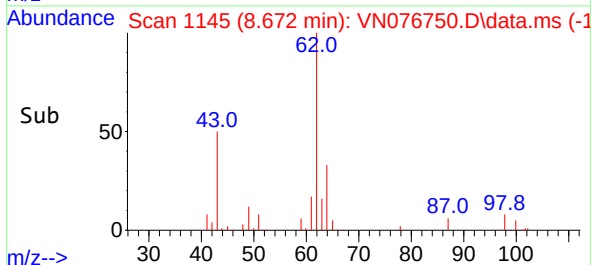
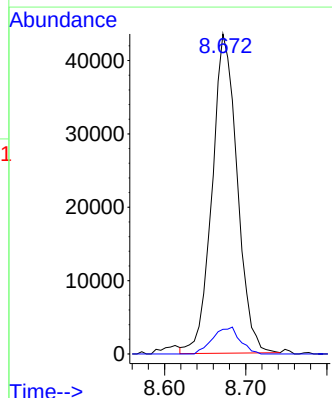
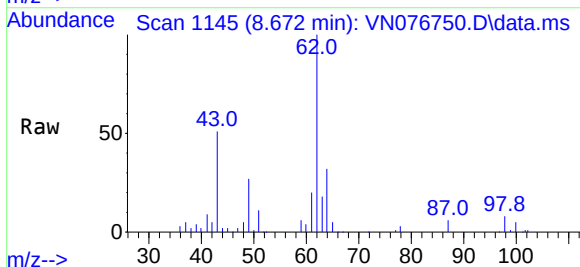
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 60.6  | 42.6  | 63.8  |
| 67  | 70.4  | 51.4  | 77.0  |
| 52  | 30.2  | 22.5  | 33.7  |

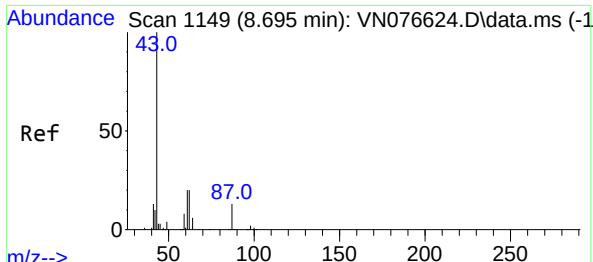


#42  
1,2-Dichloroethane  
Concen: 20.320 ug/l  
RT: 8.672 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 62 Resp: 93600

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.1   | 0.0   | 19.2  |



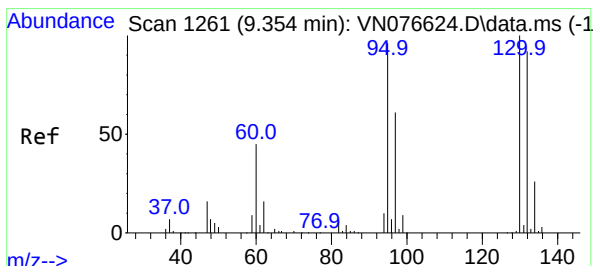
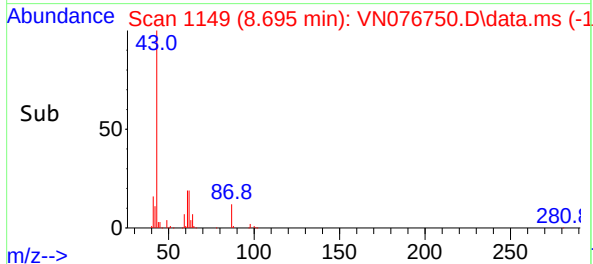
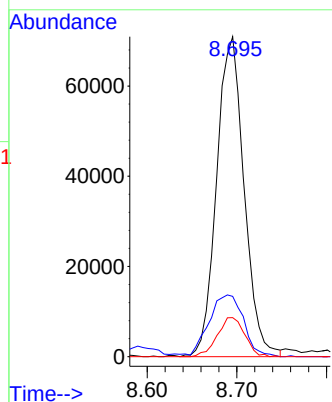
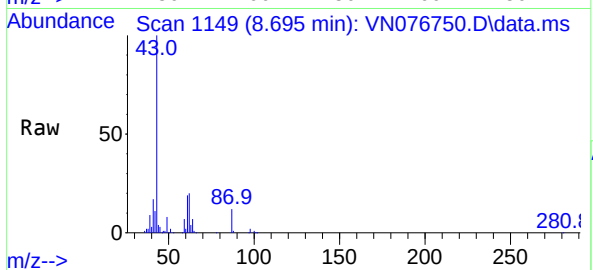


#43  
Isopropyl Acetate  
Concen: 20.524 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

Tgt Ion: 43 Resp: 151117

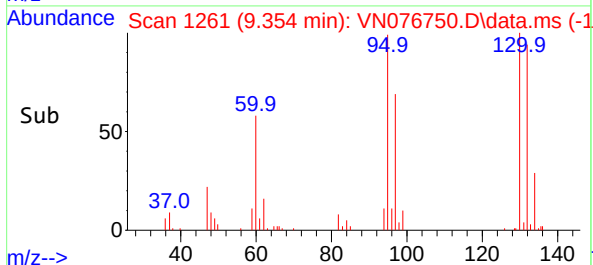
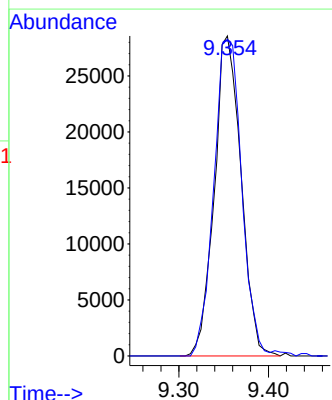
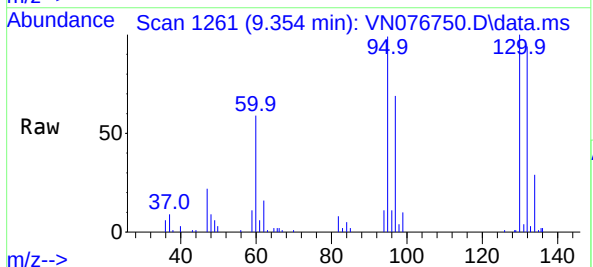
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 24.3  | 20.0  | 30.0  |
| 87  | 12.3  | 9.9   | 14.9  |

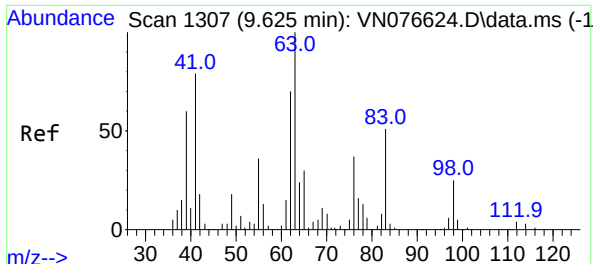


#44  
Trichloroethene  
Concen: 18.926 ug/l  
RT: 9.354 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 130 Resp: 59067

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 99.0  | 0.0   | 191.4 |

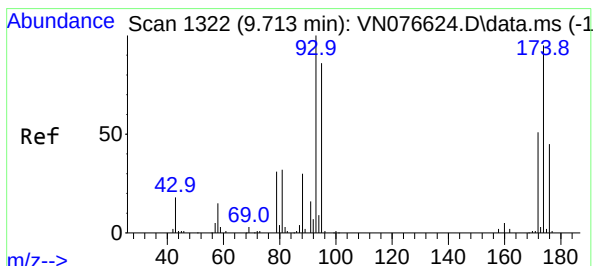
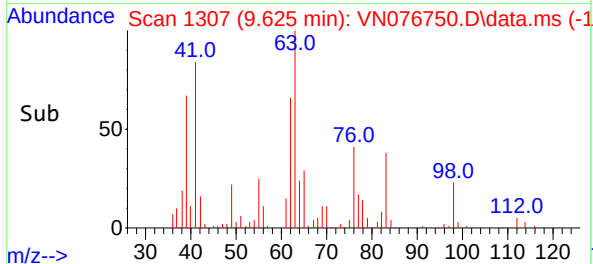
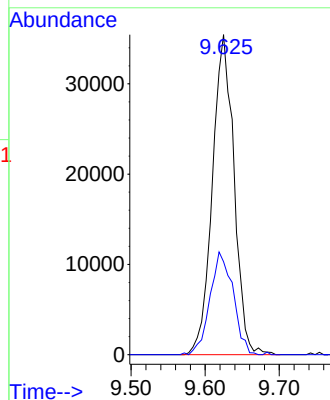
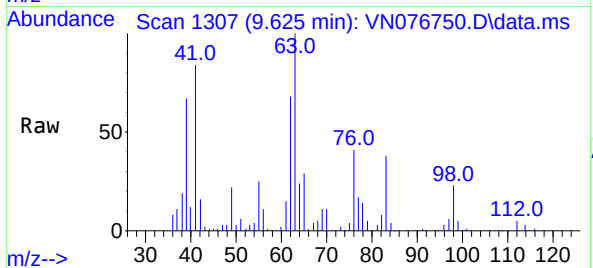




#45  
1,2-Dichloropropane  
Concen: 20.577 ug/l  
RT: 9.625 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

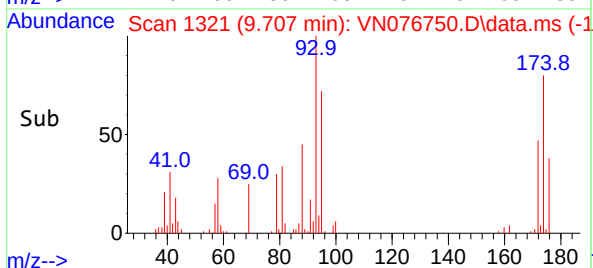
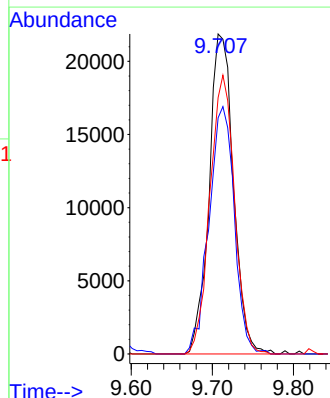
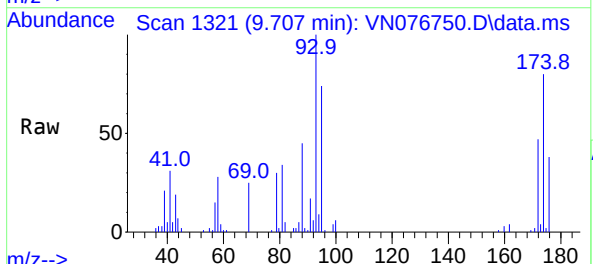
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

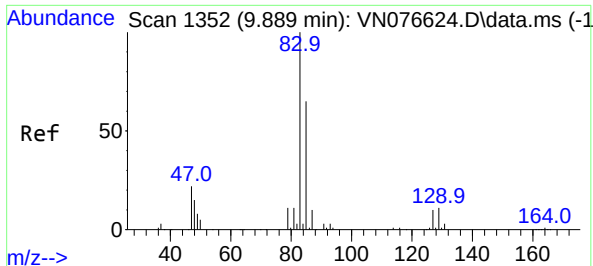
Tgt Ion: 63 Resp: 71940  
Ion Ratio Lower Upper  
63 100  
65 29.1 24.2 36.2



#46  
Dibromomethane  
Concen: 20.344 ug/l  
RT: 9.707 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 93 Resp: 45472  
Ion Ratio Lower Upper  
93 100  
95 80.6 66.0 99.0  
174 88.2 75.8 113.8

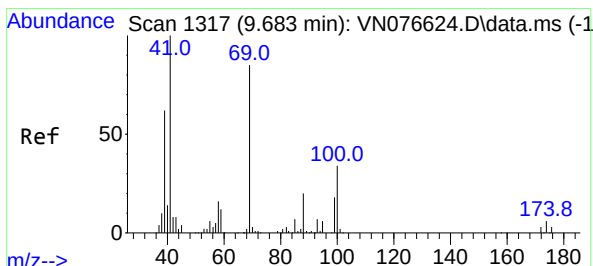
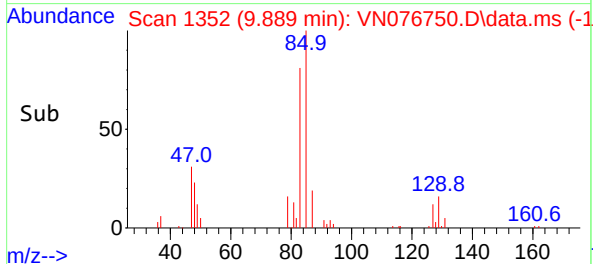
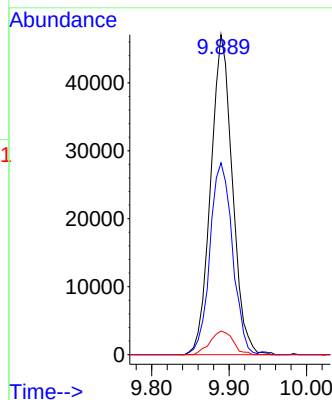
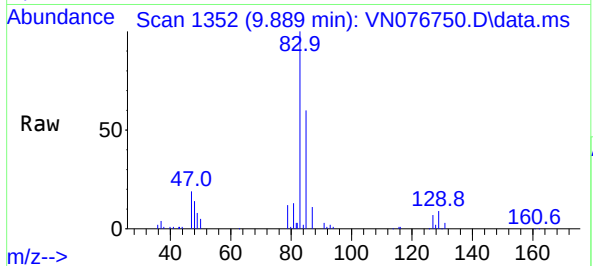




#47  
Bromodichloromethane  
Concen: 20.399 ug/l  
RT: 9.889 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

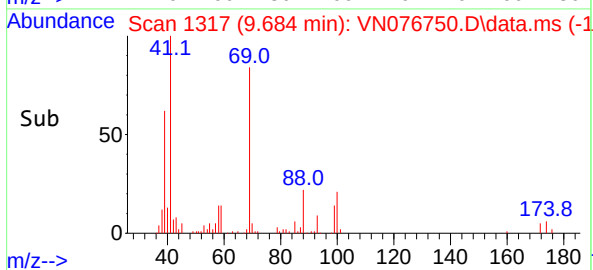
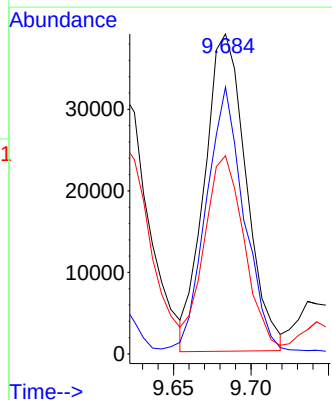
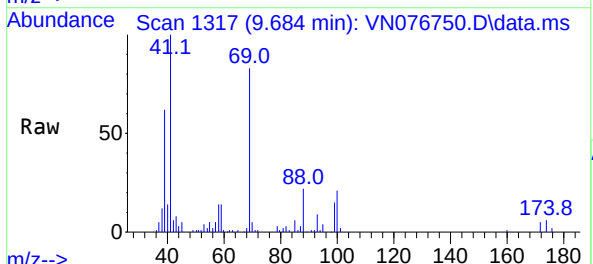
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

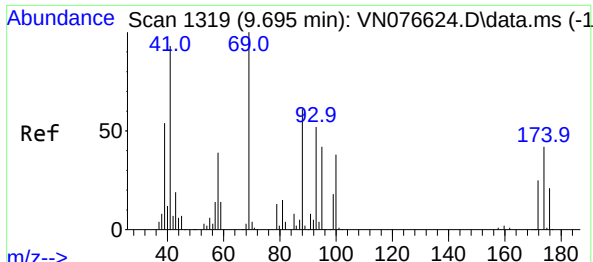
Tgt Ion: 83 Resp: 91410  
Ion Ratio Lower Upper  
83 100  
85 60.0 51.8 77.6  
127 7.4 7.9 11.9#



#48  
Methyl methacrylate  
Concen: 20.765 ug/l  
RT: 9.684 min Scan# 1317  
Delta R.T. 0.001 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 41 Resp: 72552  
Ion Ratio Lower Upper  
41 100  
69 79.1 65.4 98.0  
39 61.5 49.3 73.9

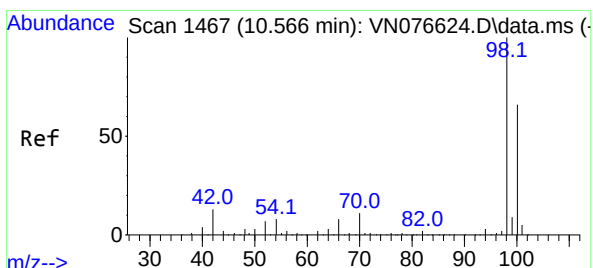
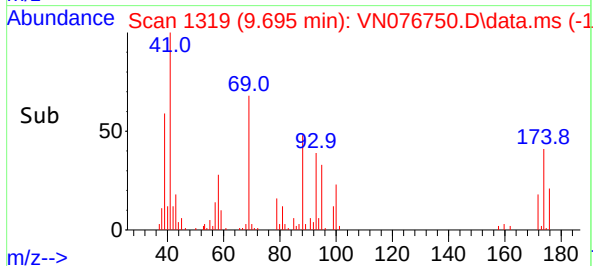
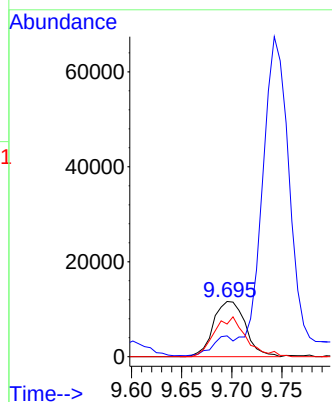
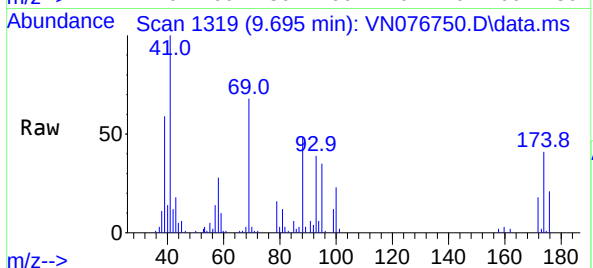




#49  
1,4-Dioxane  
Concen: 428.700 ug/l  
RT: 9.695 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

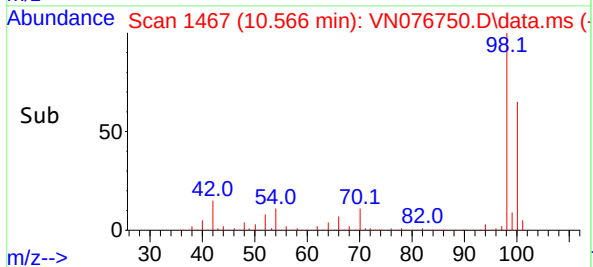
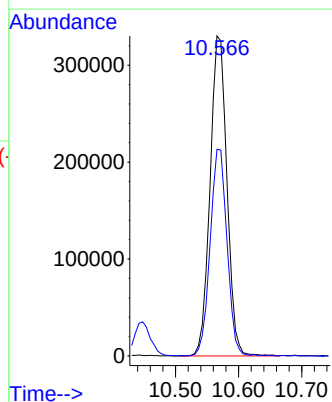
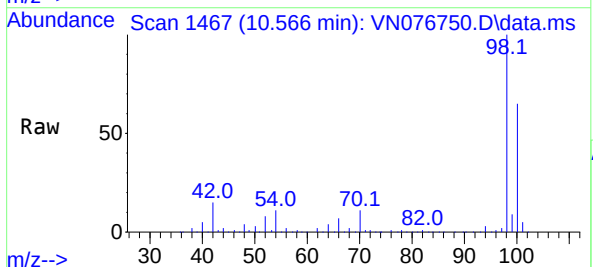
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

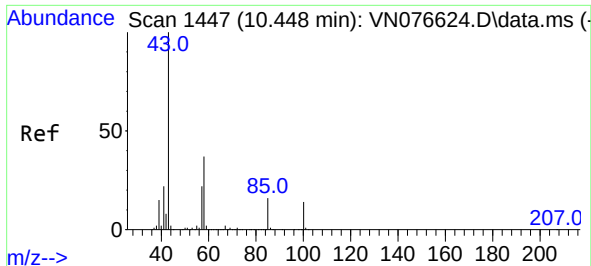
Tgt Ion: 88 Resp: 25910  
Ion Ratio Lower Upper  
88 100  
43 23.6 22.6 33.8  
58 71.3 57.6 86.4



#50  
Toluene-d8  
Concen: 55.138 ug/l  
RT: 10.566 min Scan# 1467  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 98 Resp: 612925  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.9 79.3

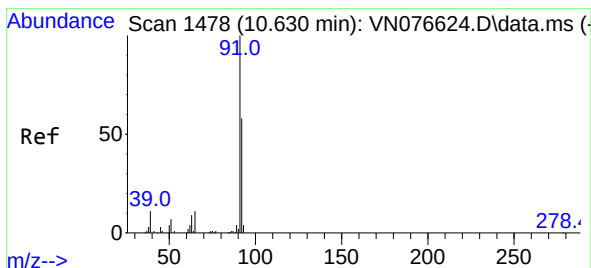
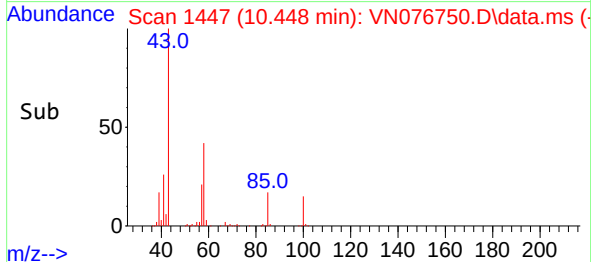
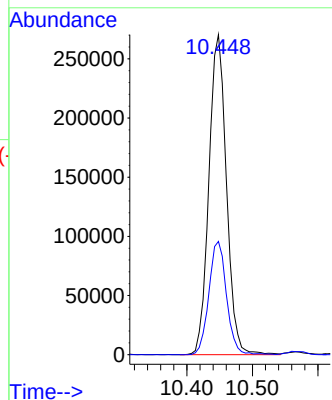
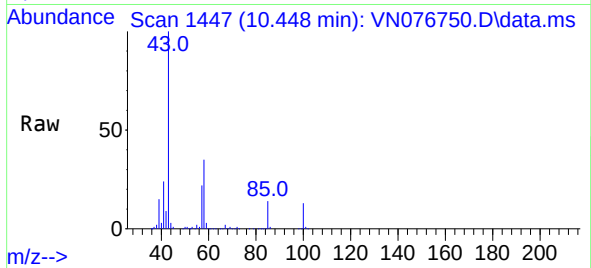




#51  
4-Methyl-2-Pentanone  
Concen: 107.492 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

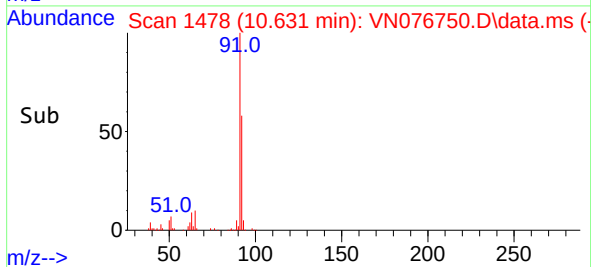
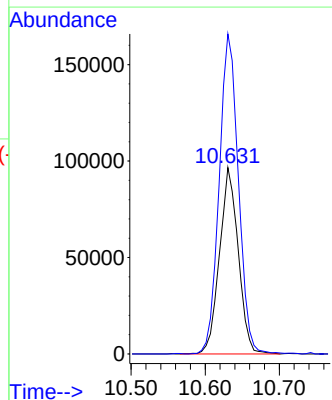
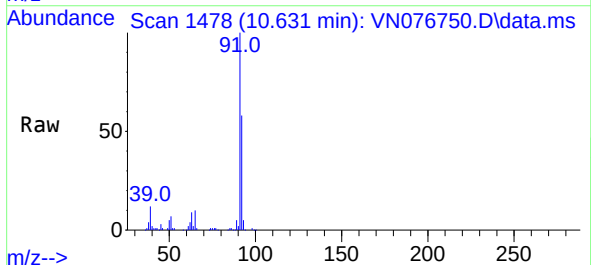
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

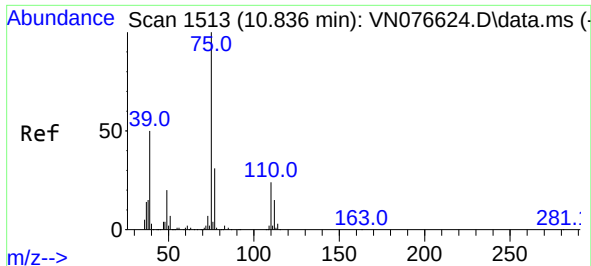
Tgt Ion: 43 Resp: 503569  
Ion Ratio Lower Upper  
43 100  
58 35.6 29.5 44.3



#52  
Toluene  
Concen: 21.286 ug/l  
RT: 10.631 min Scan# 1478  
Delta R.T. 0.001 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 92 Resp: 169725  
Ion Ratio Lower Upper  
92 100  
91 176.4 138.0 207.0

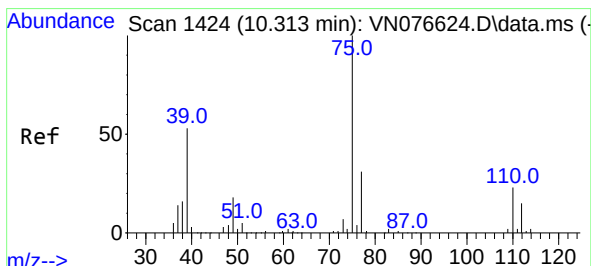
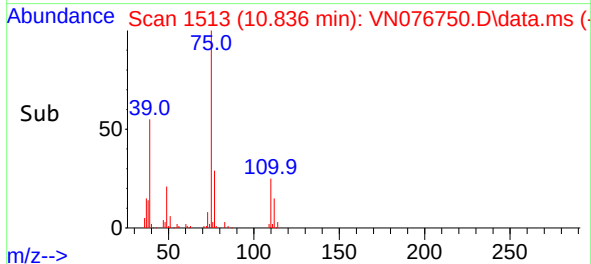
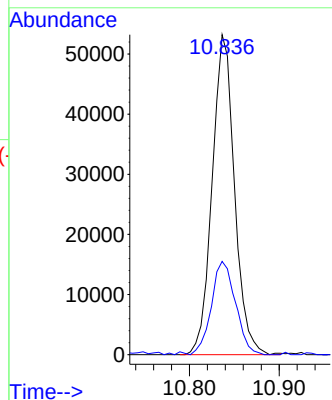
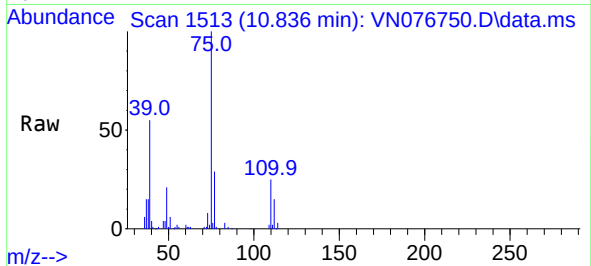




#53  
t-1,3-Dichloropropene  
Concen: 21.246 ug/l  
RT: 10.836 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

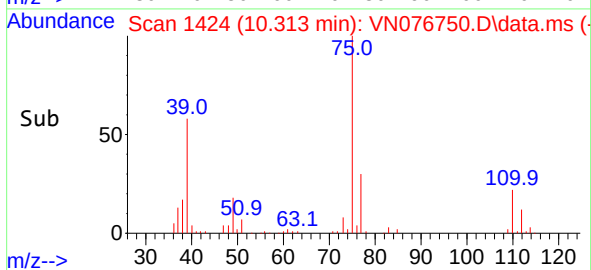
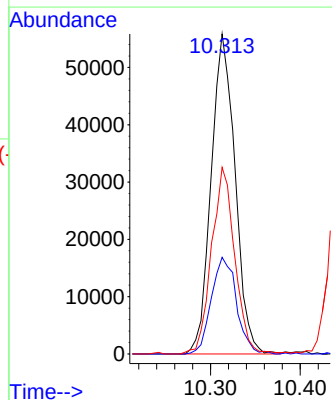
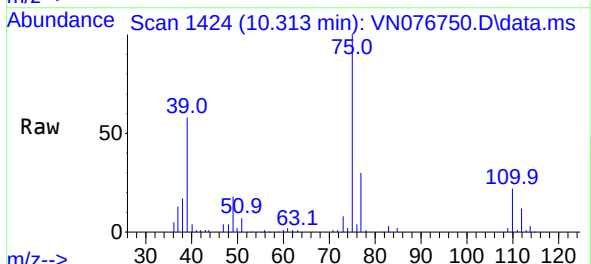
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

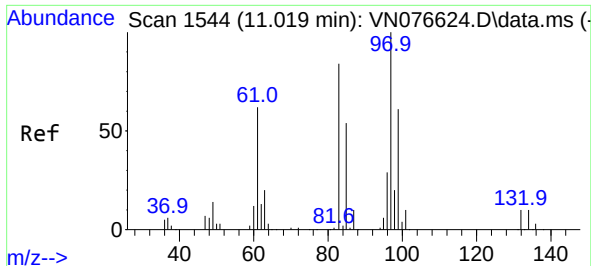
Tgt Ion: 75 Resp: 91892  
Ion Ratio Lower Upper  
75 100  
77 29.1 24.6 37.0



#54  
cis-1,3-Dichloropropene  
Concen: 20.720 ug/l  
RT: 10.313 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 75 Resp: 103371  
Ion Ratio Lower Upper  
75 100  
77 30.2 25.1 37.7  
39 58.3 42.3 63.5

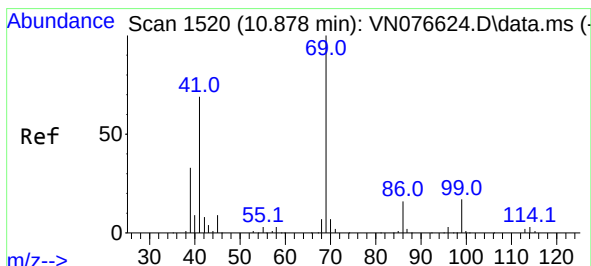
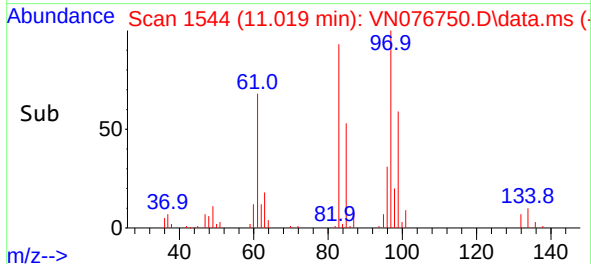
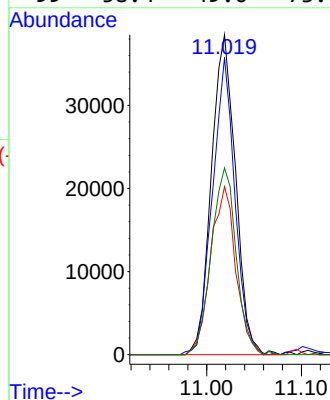
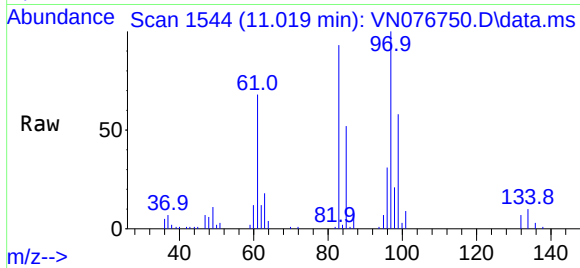




#55  
1,1,2-Trichloroethane  
Concen: 21.106 ug/l  
RT: 11.019 min Scan# 1544  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

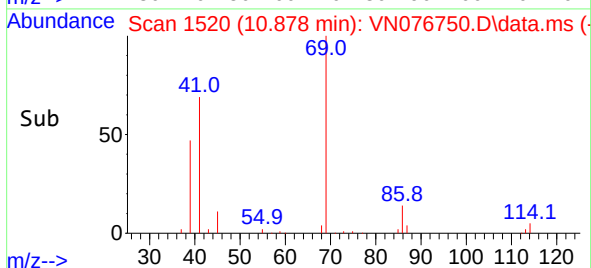
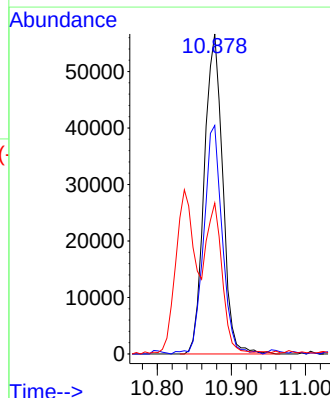
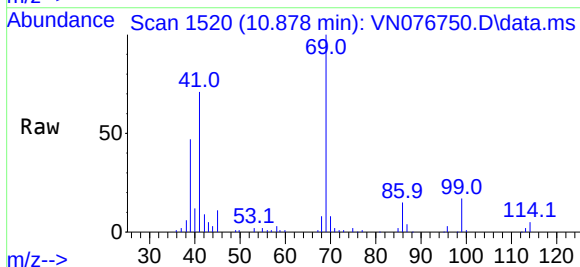
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 68431 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 92.9  | 67.3  | 100.9 |
| 85       | 52.5  | 43.2  | 64.8  |
| 99       | 58.4  | 49.0  | 73.4  |

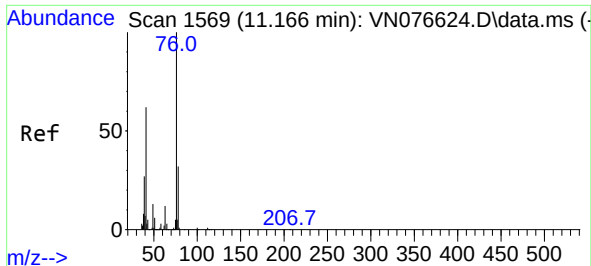


#56  
Ethyl methacrylate  
Concen: 21.410 ug/l  
RT: 10.878 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 97711 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 71.4  | 55.1  | 82.7  |
| 39       | 39.6  | 30.7  | 46.1  |







#57

1,3-Dichloropropane

Concen: 20.426 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076750.D

Acq: 21 Feb 2023 14:47

Instrument :

MSVOA\_N

ClientSampleId :

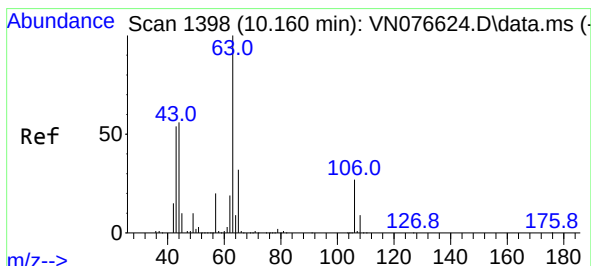
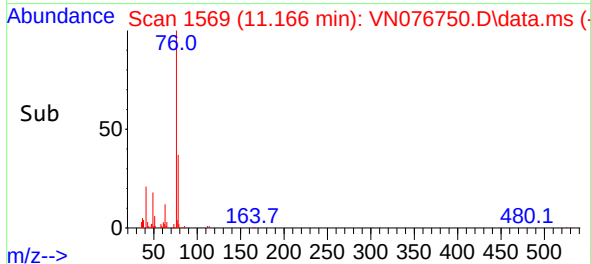
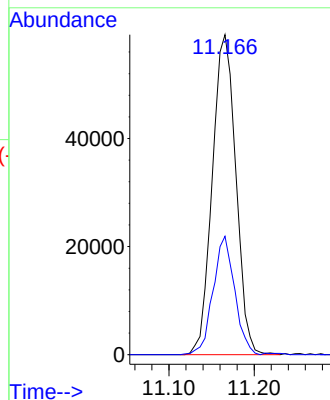
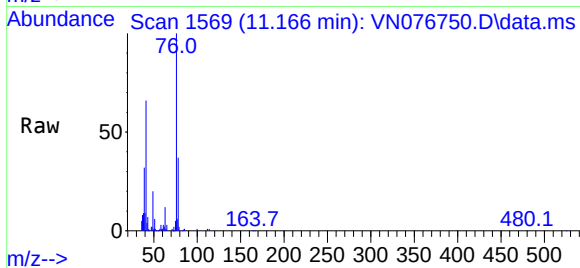
VN0221WBS01

Tgt Ion: 76 Resp: 113780

Ion Ratio Lower Upper

76 100

78 33.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 116.061 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076750.D

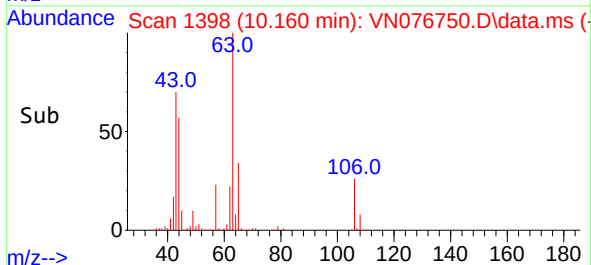
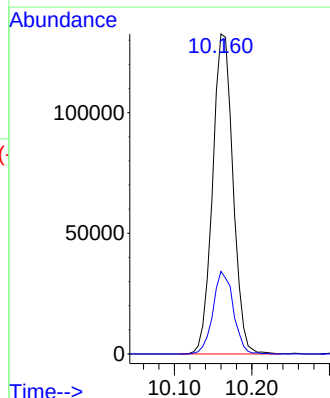
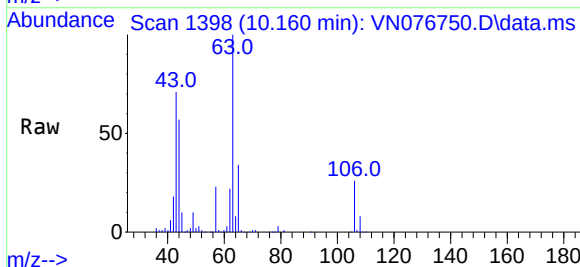
Acq: 21 Feb 2023 14:47

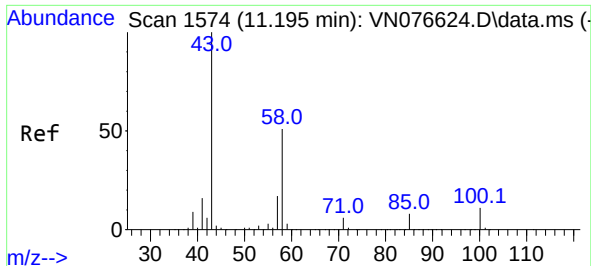
Tgt Ion: 63 Resp: 242583

Ion Ratio Lower Upper

63 100

106 25.7 22.3 33.5

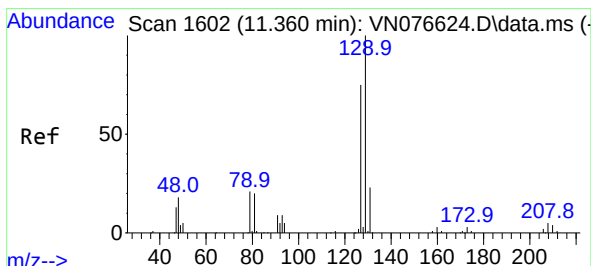
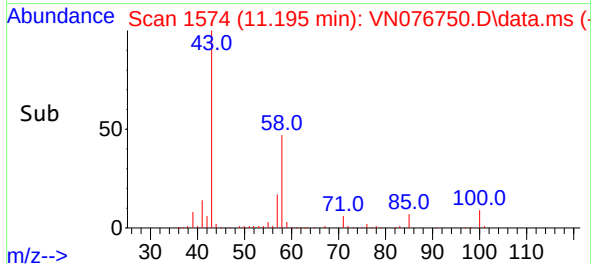
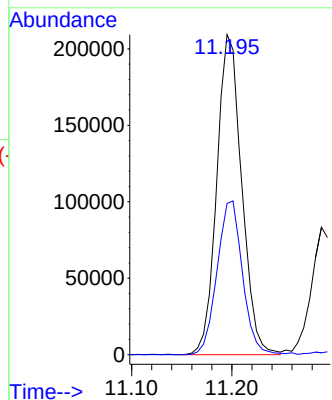
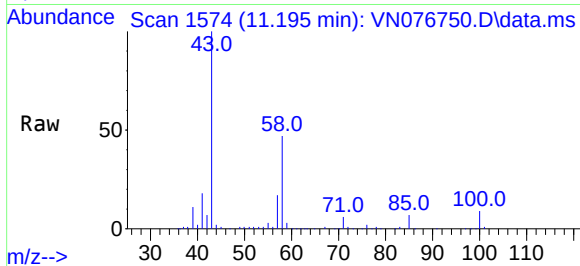




#59  
2-Hexanone  
Concen: 107.068 ug/l  
RT: 11.195 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

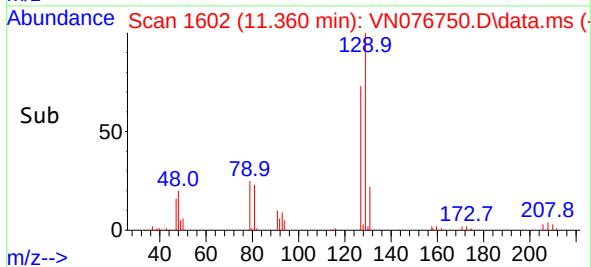
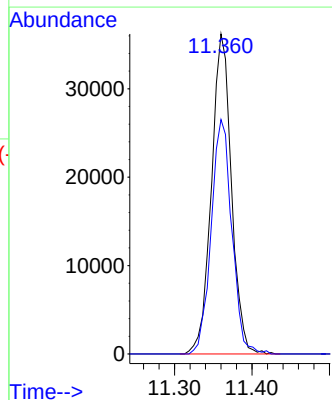
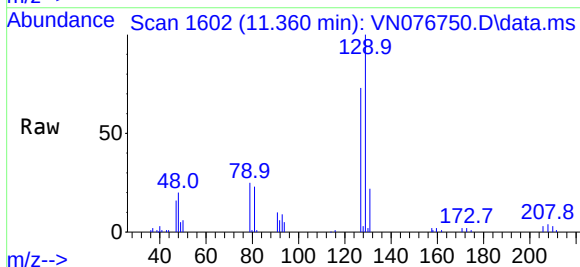
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

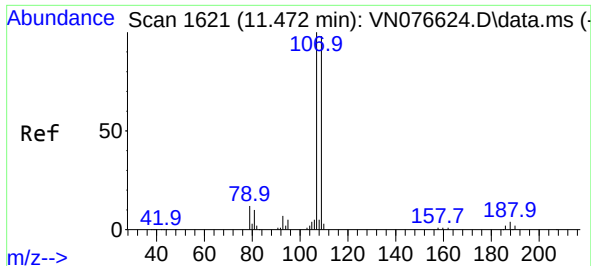
Tgt Ion: 43 Resp: 361657  
Ion Ratio Lower Upper  
43 100  
58 49.1 25.4 76.0



#60  
Dibromochloromethane  
Concen: 18.983 ug/l  
RT: 11.360 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 129 Resp: 64867  
Ion Ratio Lower Upper  
129 100  
127 75.7 38.8 116.4

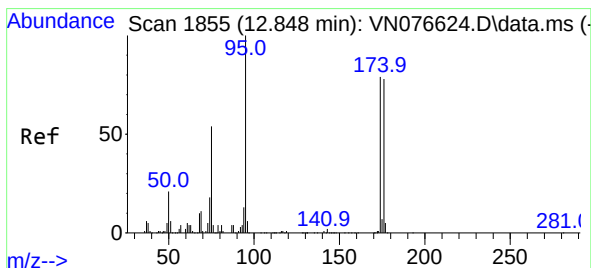
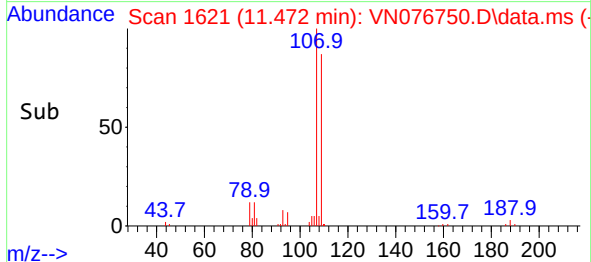
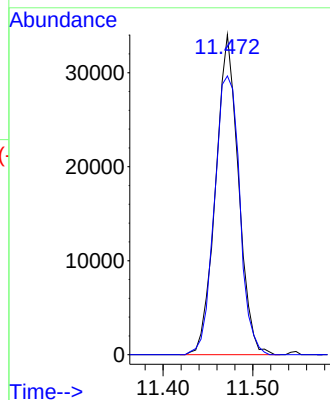
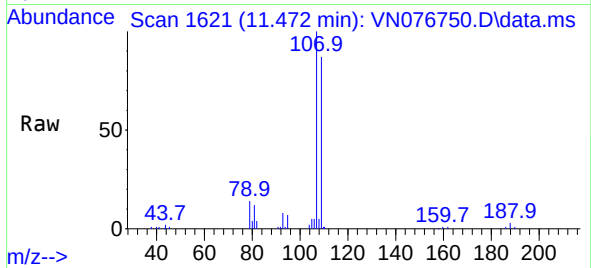




#61  
1,2-Dibromoethane  
Concen: 18.553 ug/l  
RT: 11.472 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

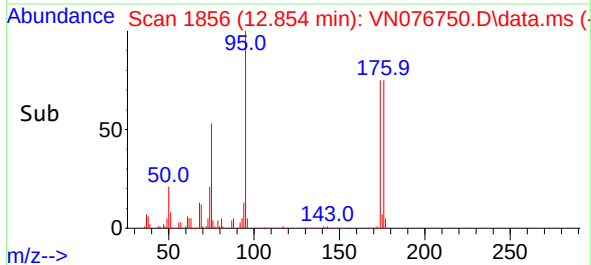
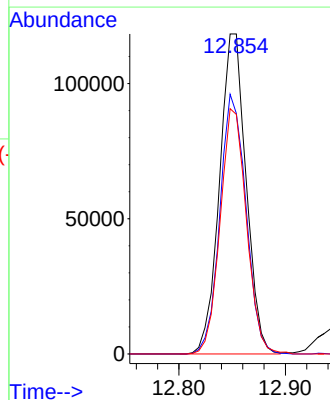
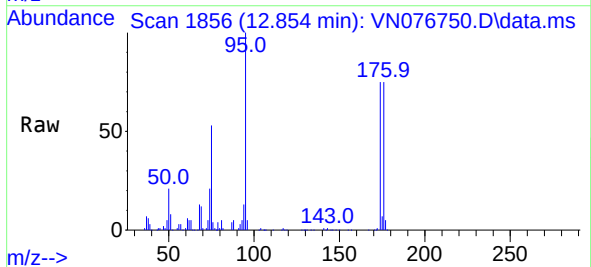
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

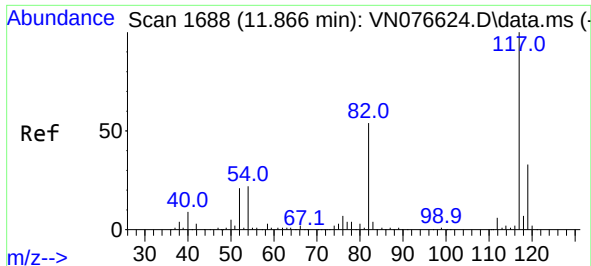
Tgt Ion:107 Resp: 60211  
Ion Ratio Lower Upper  
107 100  
109 96.0 76.8 115.2



#62  
4-Bromofluorobenzene  
Concen: 55.651 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 95 Resp: 204891  
Ion Ratio Lower Upper  
95 100  
174 79.6 0.0 169.2  
176 75.6 0.0 163.4

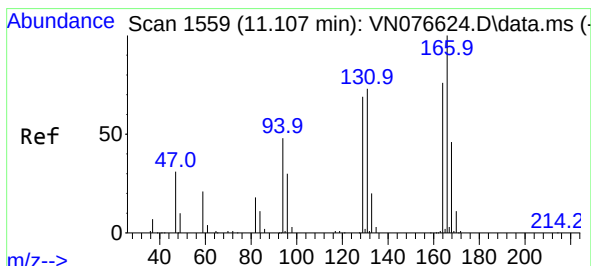
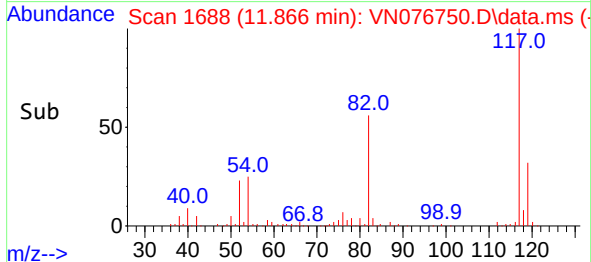
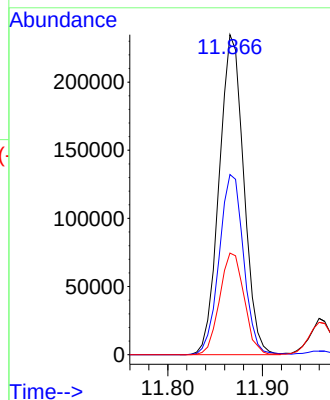
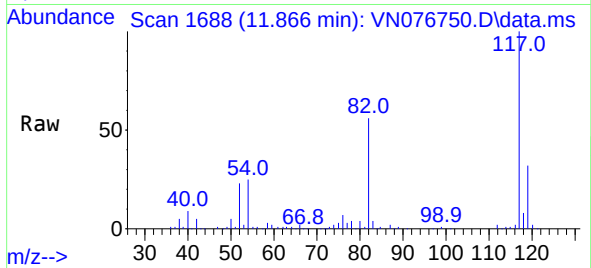




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

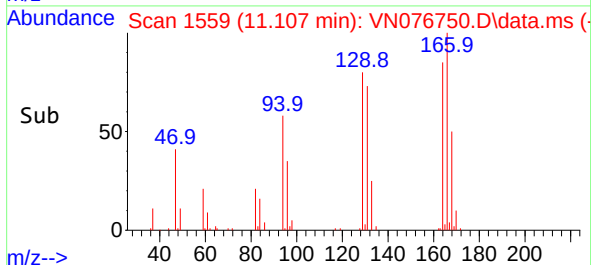
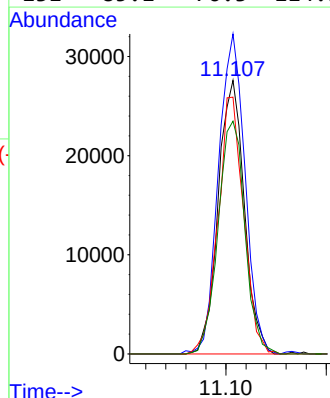
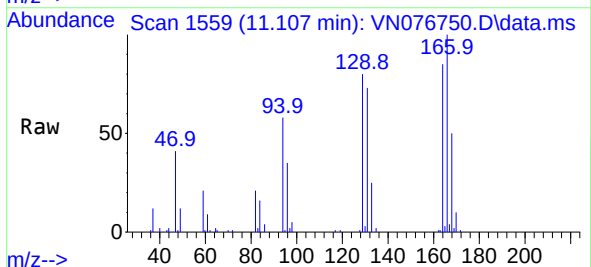
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

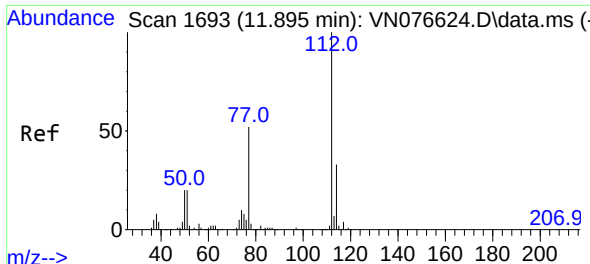
Tgt Ion:117 Resp: 423452  
Ion Ratio Lower Upper  
117 100  
82 56.3 43.4 65.2  
119 31.7 26.1 39.1



#64  
Tetrachloroethene  
Concen: 18.637 ug/l  
RT: 11.107 min Scan# 1559  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion:164 Resp: 49735  
Ion Ratio Lower Upper  
164 100  
166 117.0 104.8 157.2  
129 93.9 72.2 108.2  
131 85.1 76.3 114.5

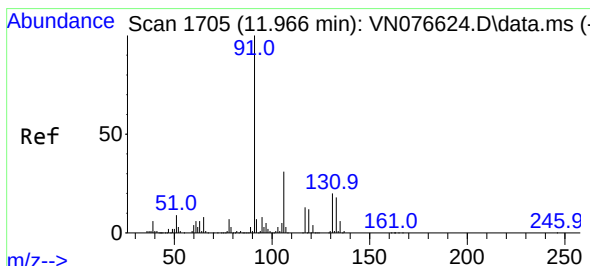
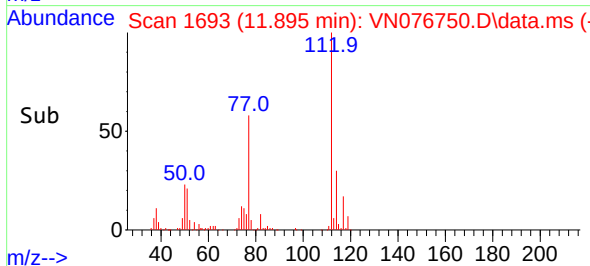
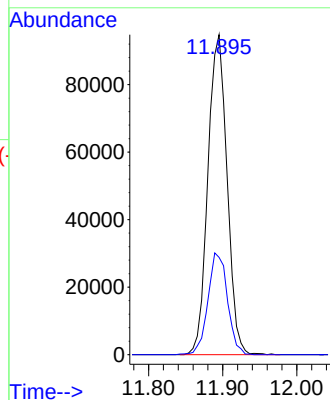
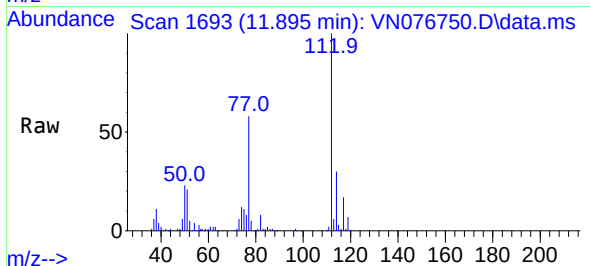




#65  
Chlorobenzene  
Concen: 18.969 ug/l  
RT: 11.895 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

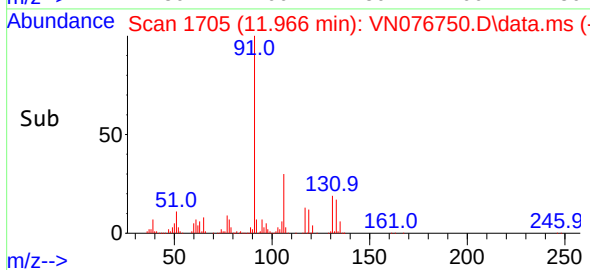
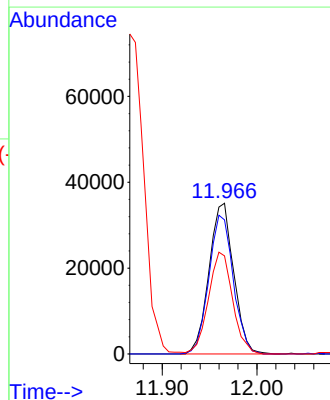
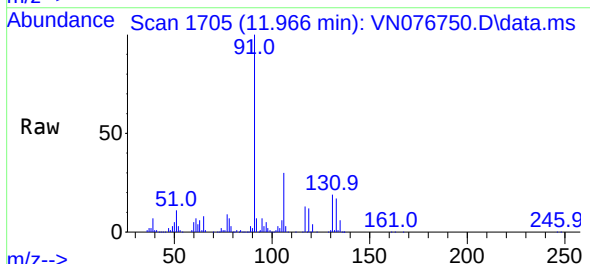
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

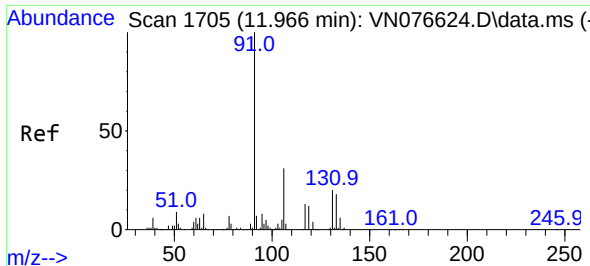
Tgt Ion:112 Resp: 170227  
Ion Ratio Lower Upper  
112 100  
114 30.4 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.459 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion:131 Resp: 63430  
Ion Ratio Lower Upper  
131 100  
133 91.2 47.0 141.0  
119 66.3 32.3 96.8

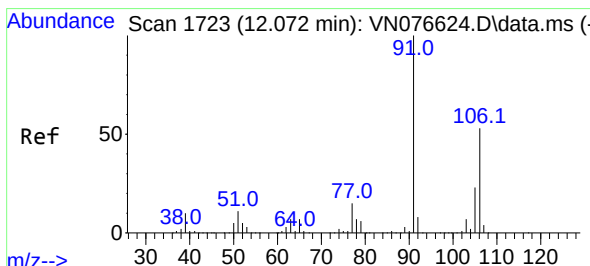
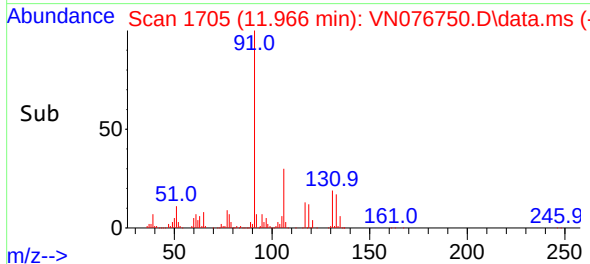
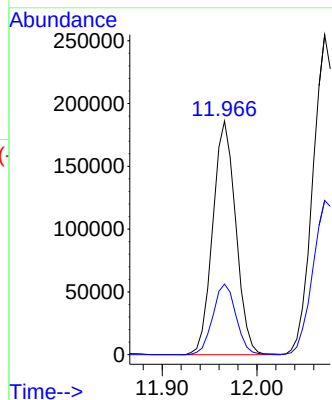
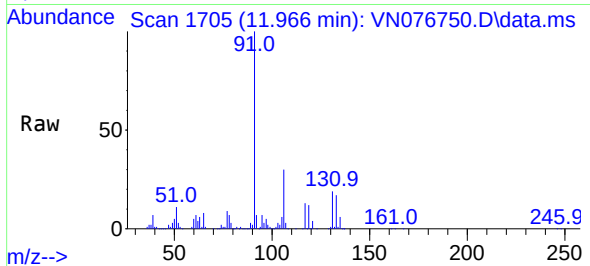




#67  
Ethyl Benzene  
Concen: 20.540 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

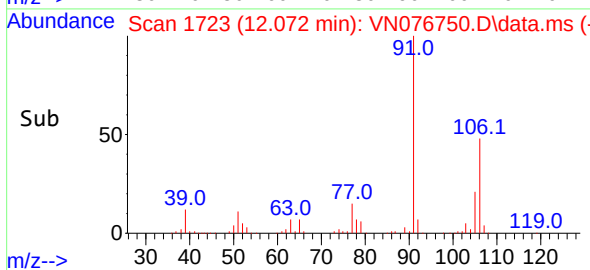
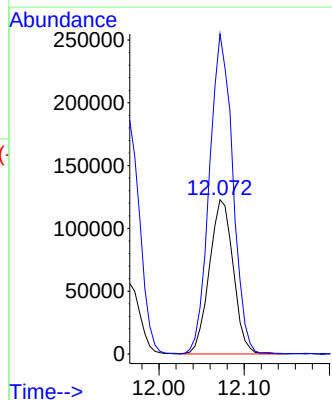
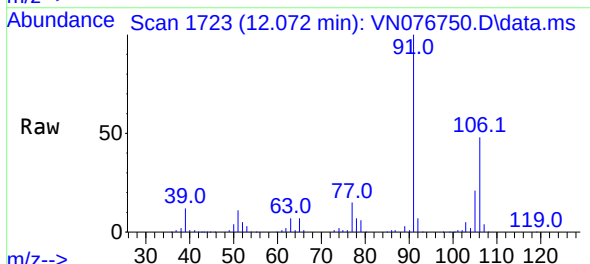
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

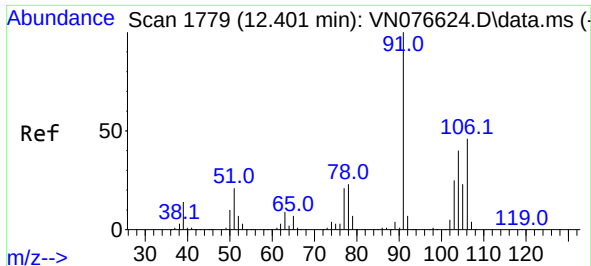
Tgt Ion: 91 Resp: 314039  
Ion Ratio Lower Upper  
91 100  
106 30.2 25.1 37.7



#68  
m/p-Xylenes  
Concen: 40.632 ug/l  
RT: 12.072 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 106 Resp: 239453  
Ion Ratio Lower Upper  
106 100  
91 203.0 154.7 232.1

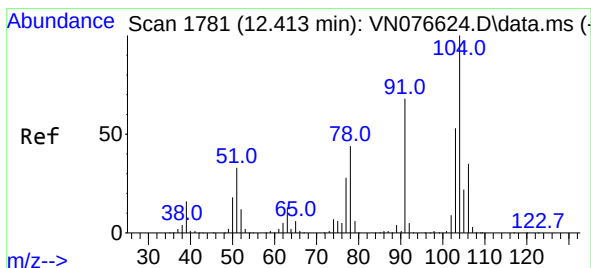
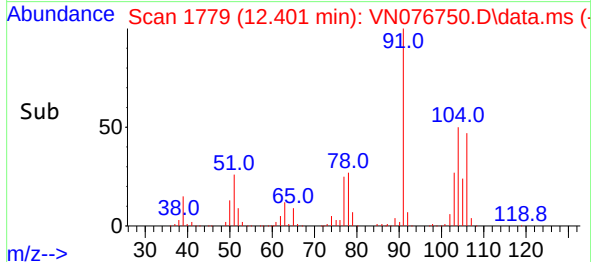
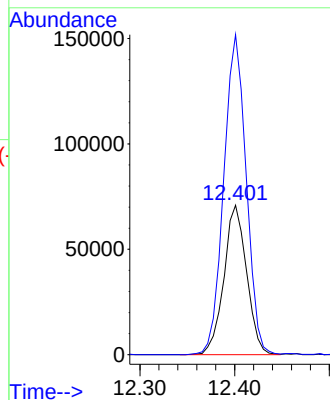
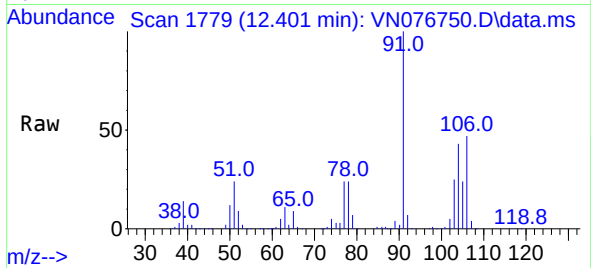




#69  
o-Xylene  
Concen: 20.565 ug/l  
RT: 12.401 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

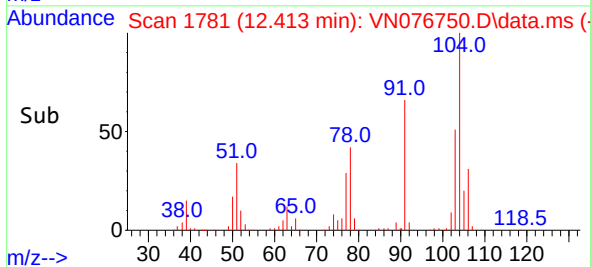
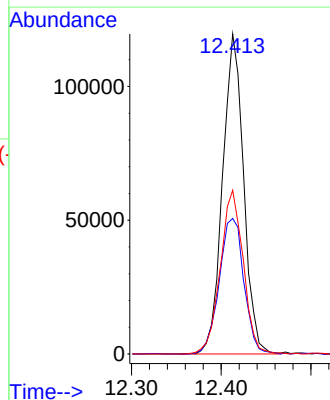
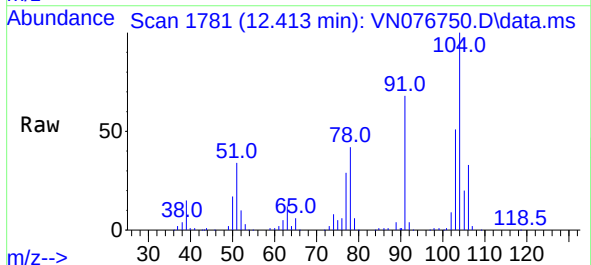
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

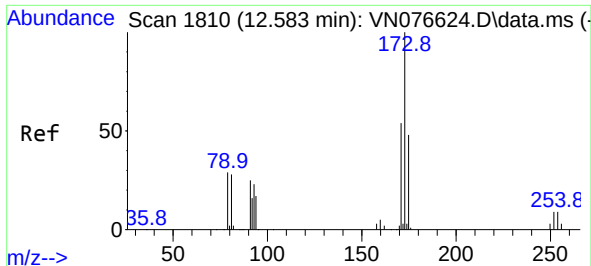
Tgt Ion:106 Resp: 118199  
Ion Ratio Lower Upper  
106 100  
91 211.7 105.8 317.4



#70  
Styrene  
Concen: 20.918 ug/l  
RT: 12.413 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion:104 Resp: 194416  
Ion Ratio Lower Upper  
104 100  
78 49.8 38.2 57.4  
103 55.8 44.2 66.4

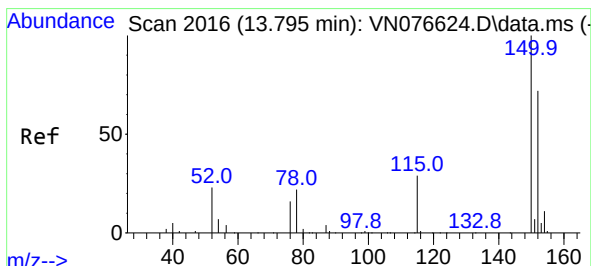
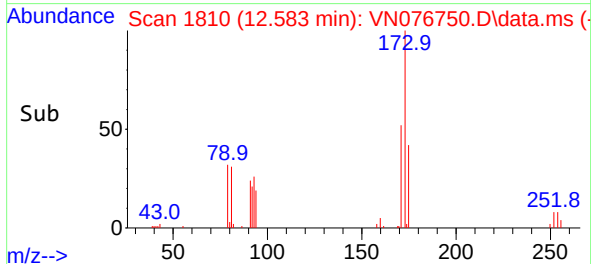
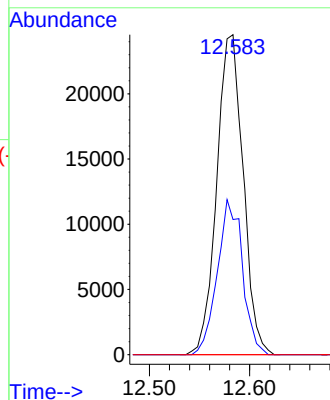
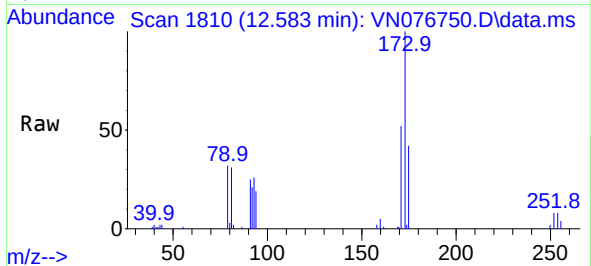




#71  
Bromoform  
Concen: 18.784 ug/l  
RT: 12.583 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

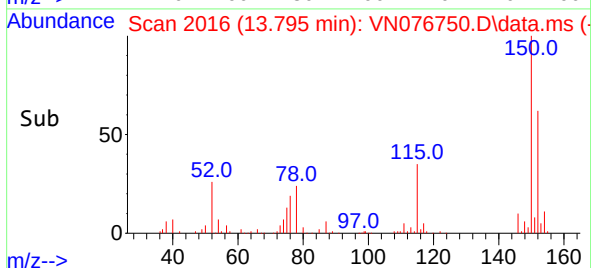
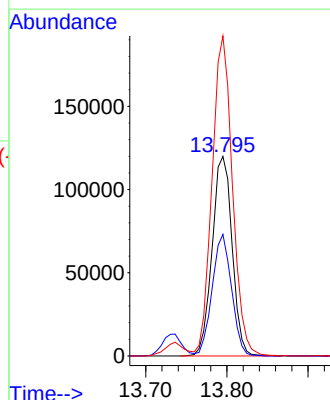
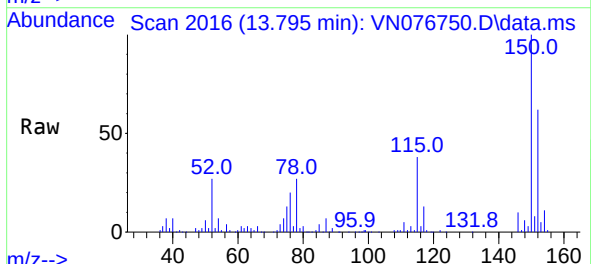
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

Tgt Ion:173 Resp: 44912  
Ion Ratio Lower Upper  
173 100  
175 46.1 24.9 74.7  
254 0.0 0.1 0.1#

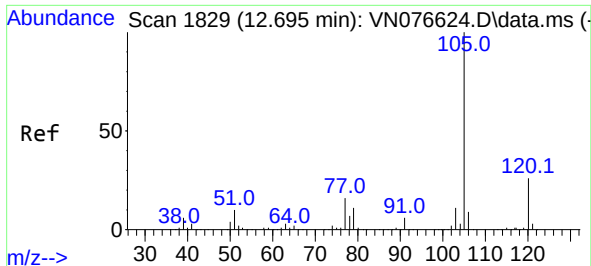


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion:152 Resp: 204887  
Ion Ratio Lower Upper  
152 100  
115 59.1 29.3 87.9  
150 163.6 0.0 349.8



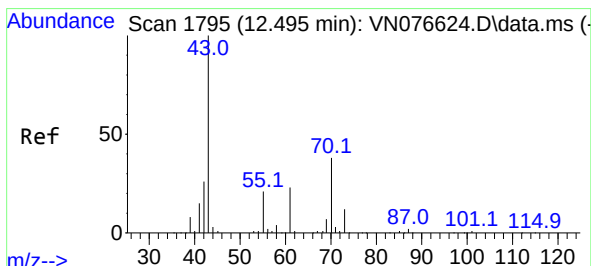
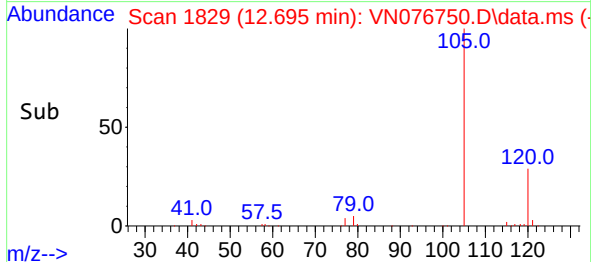
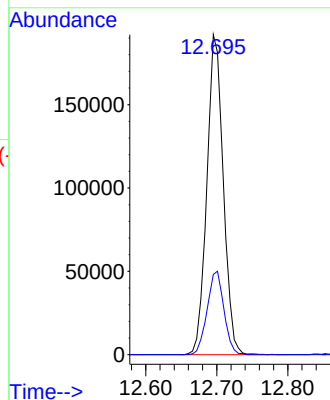
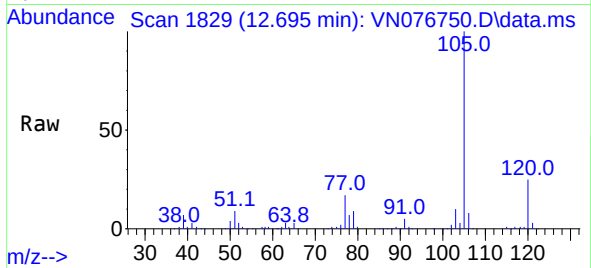




#73  
Isopropylbenzene  
Concen: 20.574 ug/l  
RT: 12.695 min Scan# 1829  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

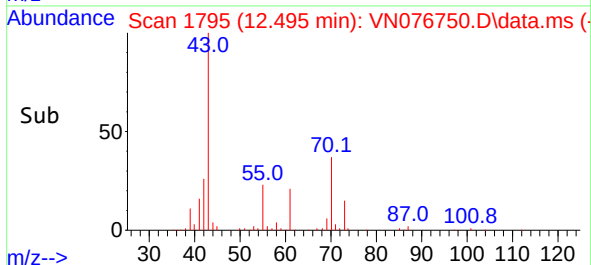
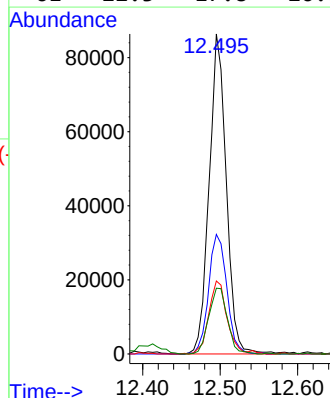
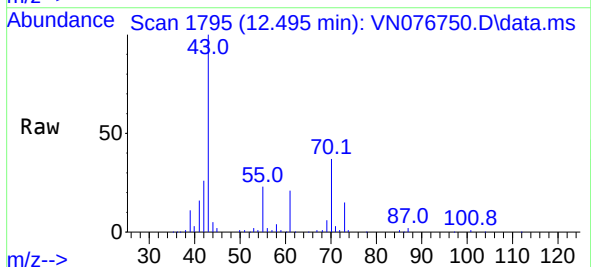
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

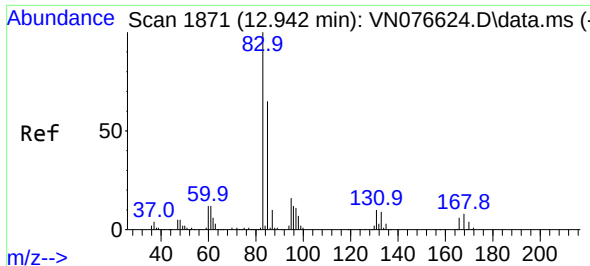
Tgt Ion:105 Resp: 308973  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.7 41.0



#74  
N-ethyl acetate  
Concen: 19.659 ug/l  
RT: 12.495 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 43 Resp: 133072  
Ion Ratio Lower Upper  
43 100  
70 39.7 30.5 45.7  
55 24.5 17.8 26.8  
61 22.3 17.8 26.8

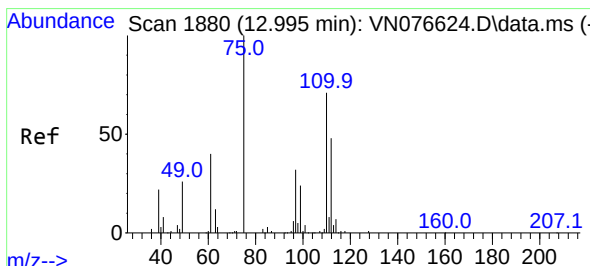
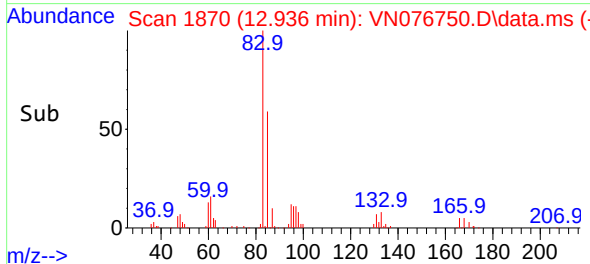
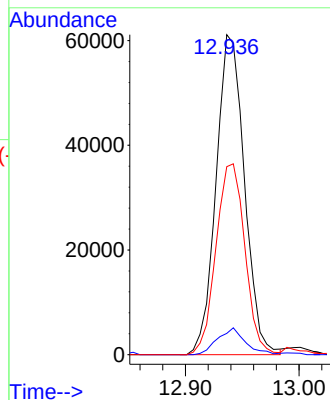
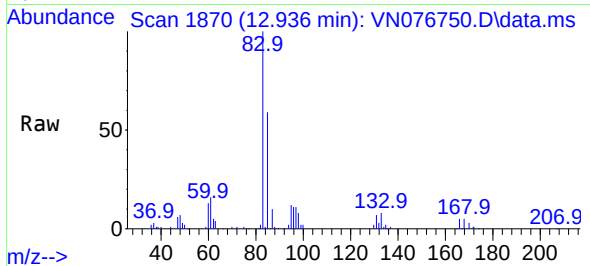




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.542 ug/l  
RT: 12.936 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

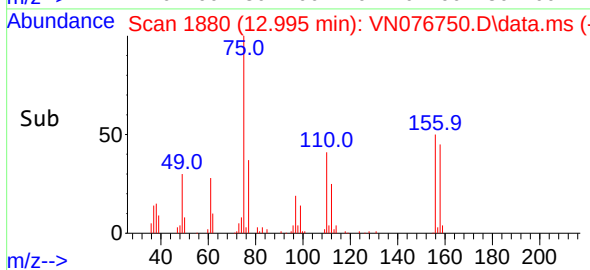
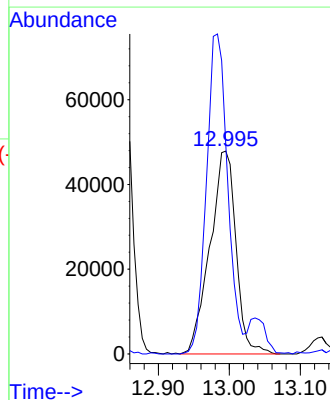
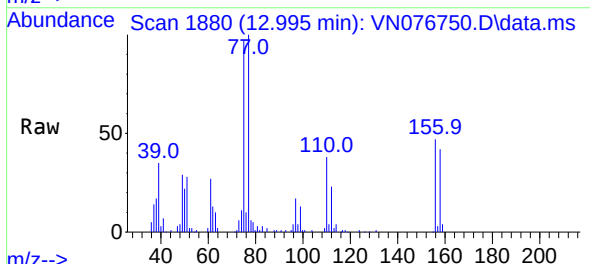
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

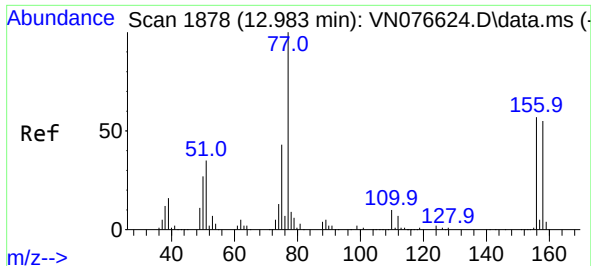
Tgt Ion: 83 Resp: 106229  
Ion Ratio Lower Upper  
83 100  
131 8.3 5.0 15.0  
85 60.8 31.8 95.3



#76  
1,2,3-Trichloropropane  
Concen: 29.393 ug/l  
RT: 12.995 min Scan# 1880  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 75 Resp: 121753  
Ion Ratio Lower Upper  
75 100  
77 128.2 93.1 279.3

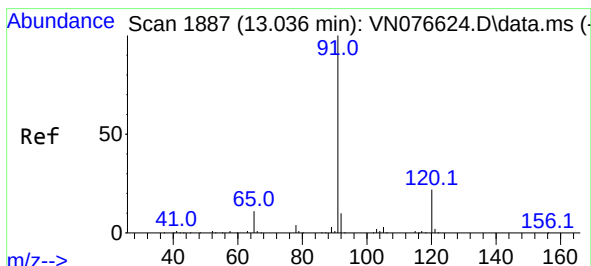
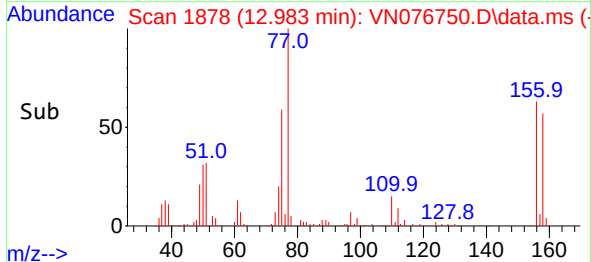
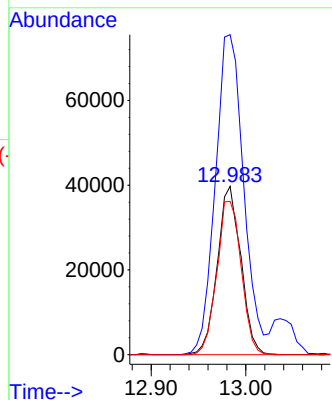
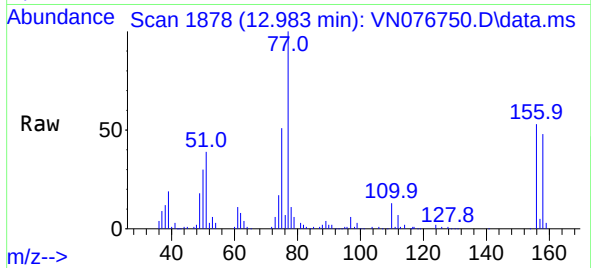




#77  
Bromobenzene  
Concen: 18.384 ug/l  
RT: 12.983 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

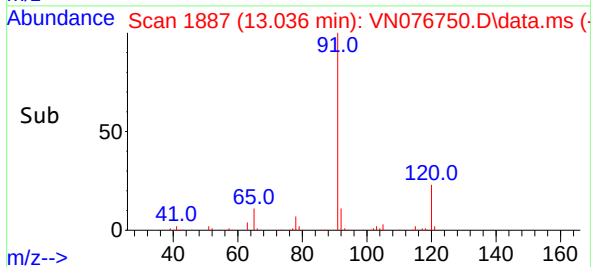
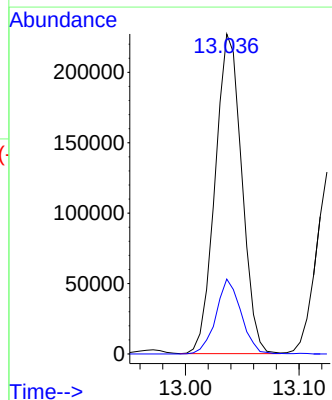
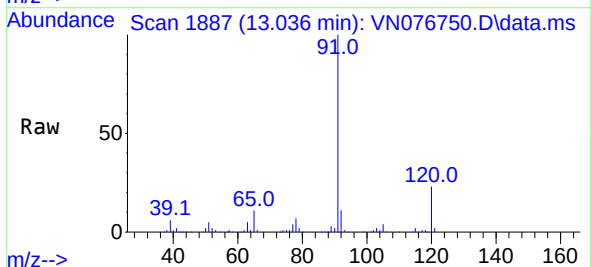
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

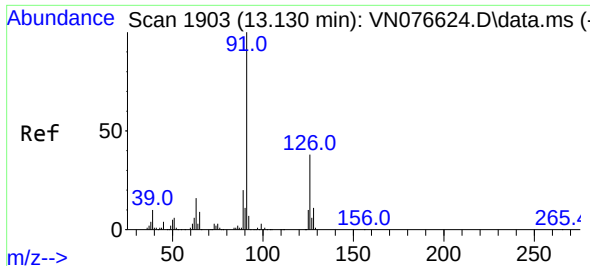
Tgt Ion:156 Resp: 68881  
Ion Ratio Lower Upper  
156 100  
77 226.7 102.8 308.4  
158 94.2 48.9 146.6



#78  
n-propylbenzene  
Concen: 21.000 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 91 Resp: 370317  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.5 34.5

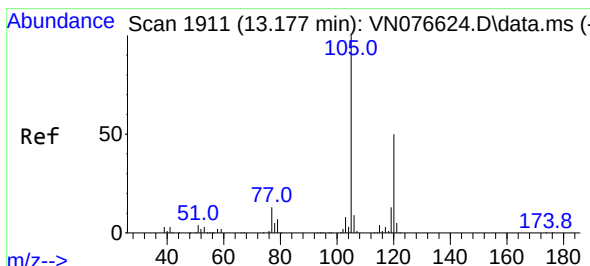
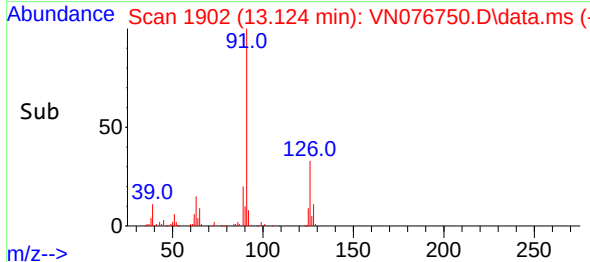
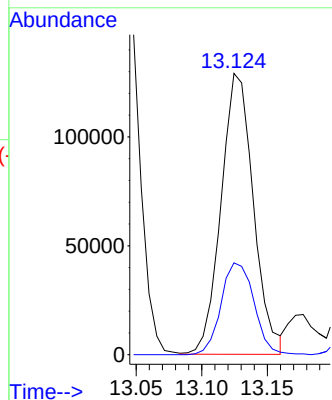
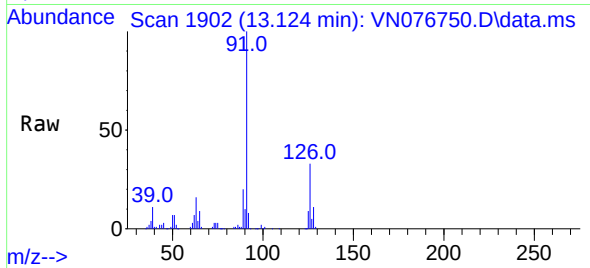




#79  
2-Chlorotoluene  
Concen: 20.527 ug/l  
RT: 13.124 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

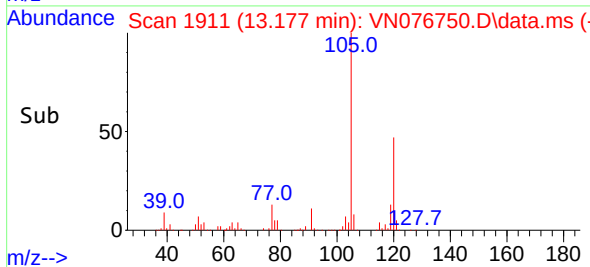
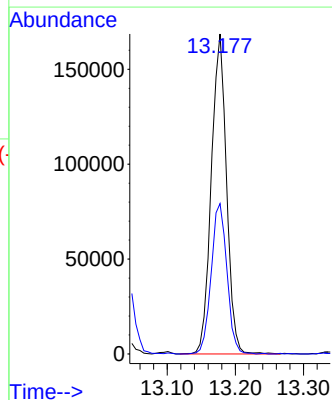
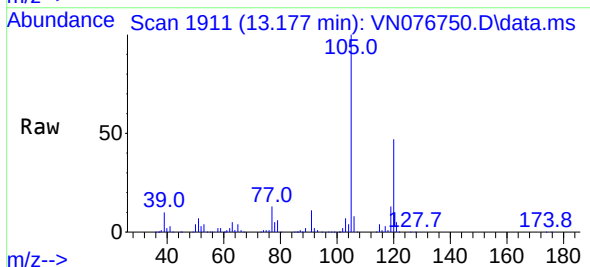
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

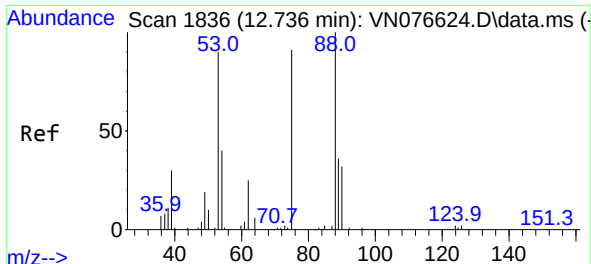
Tgt Ion: 91 Resp: 221643  
Ion Ratio Lower Upper  
91 100  
126 33.3 17.7 53.1



#80  
1,3,5-Trimethylbenzene  
Concen: 21.114 ug/l  
RT: 13.177 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion:105 Resp: 262050  
Ion Ratio Lower Upper  
105 100  
120 48.5 25.1 75.4

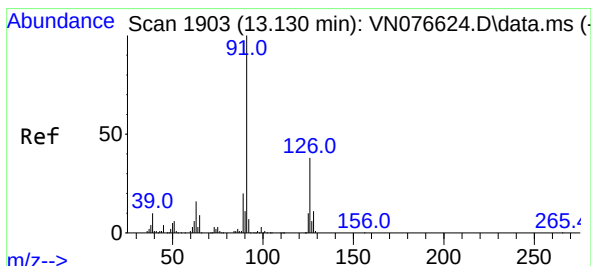
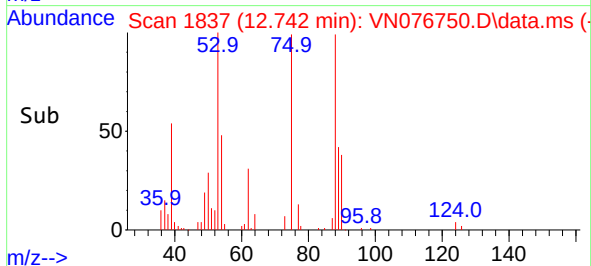
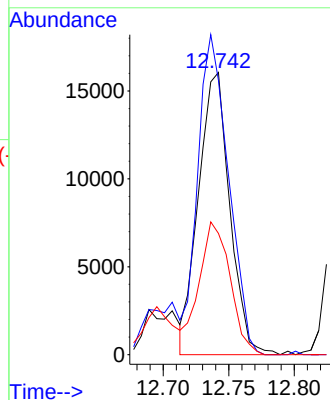
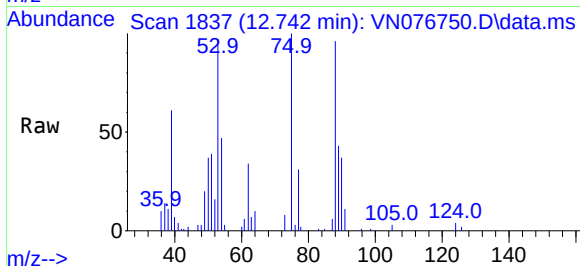




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.745 ug/l  
RT: 12.742 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

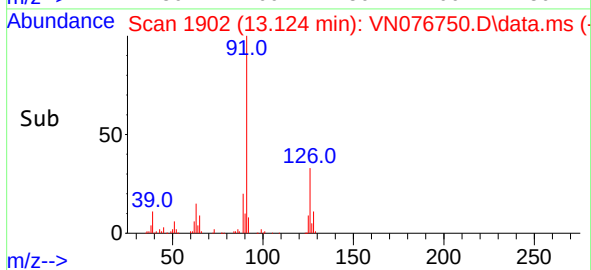
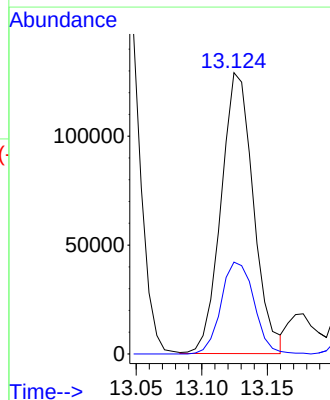
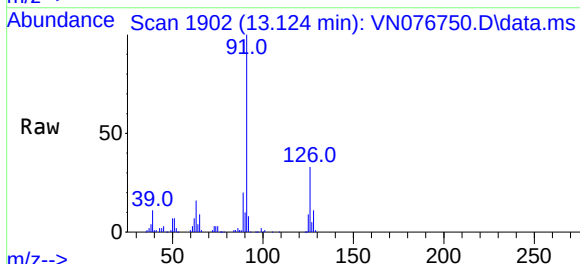
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

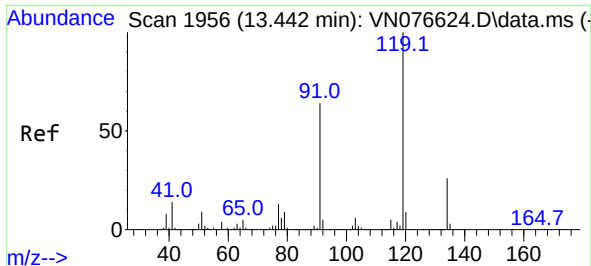
Tgt Ion: 75 Resp: 26659  
Ion Ratio Lower Upper  
75 100  
53 111.7 92.1 138.1  
89 46.9 37.5 56.3



#82  
4-Chlorotoluene  
Concen: 20.527 ug/l  
RT: 13.124 min Scan# 1902  
Delta R.T. -0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 91 Resp: 221643  
Ion Ratio Lower Upper  
91 100  
126 33.3 17.7 53.1

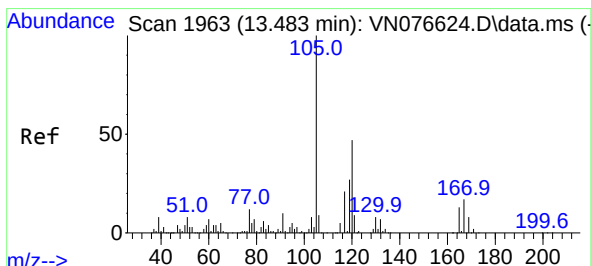
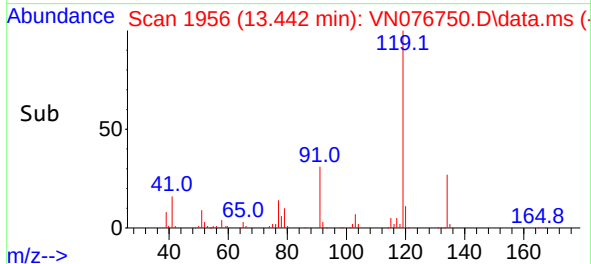
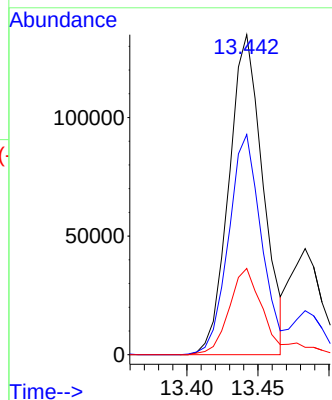
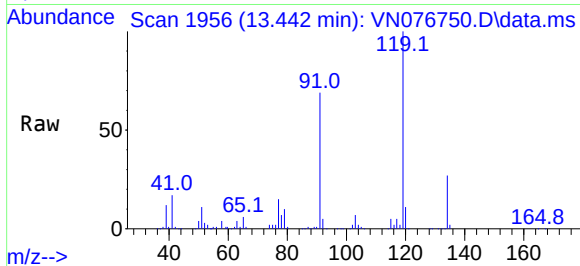




#83  
tert-Butylbenzene  
Concen: 20.046 ug/l  
RT: 13.442 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

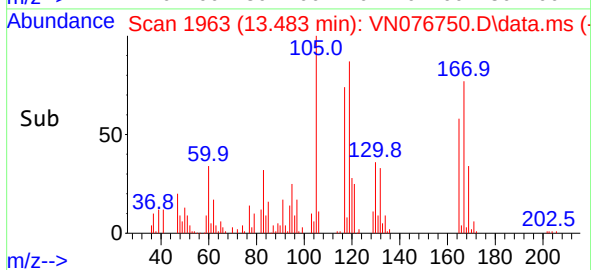
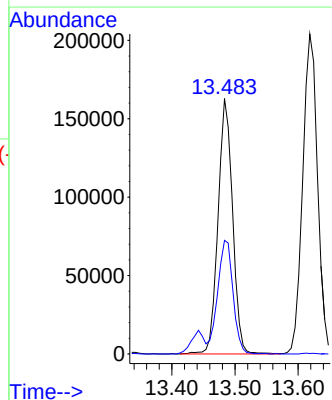
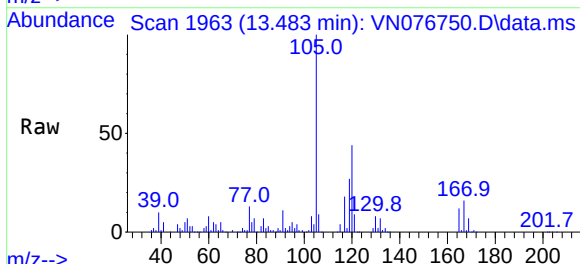
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

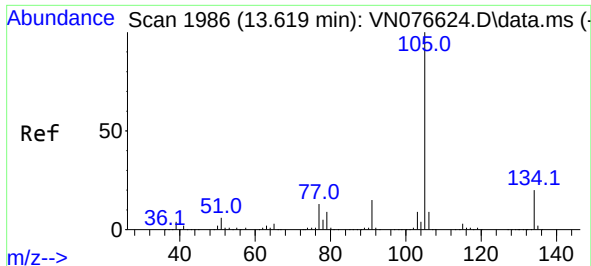
Tgt Ion:119 Resp: 225061  
Ion Ratio Lower Upper  
119 100  
91 67.8 32.0 96.2  
134 28.7 13.8 41.4



#84  
1,2,4-Trimethylbenzene  
Concen: 21.022 ug/l  
RT: 13.483 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion:105 Resp: 260021  
Ion Ratio Lower Upper  
105 100  
120 46.9 23.0 69.0

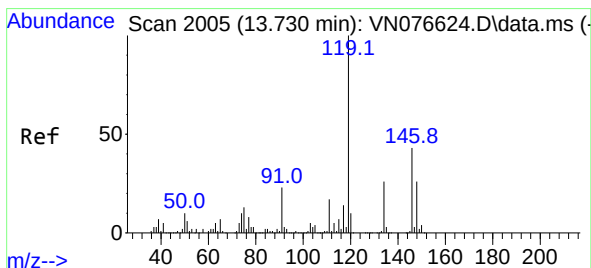
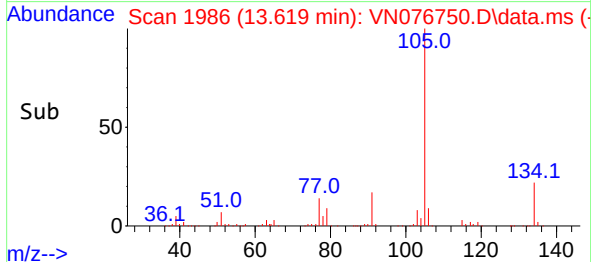
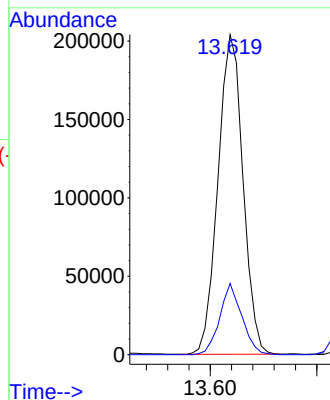
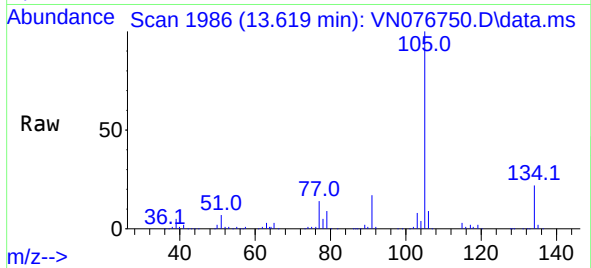




#85  
sec-Butylbenzene  
Concen: 21.133 ug/l  
RT: 13.619 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

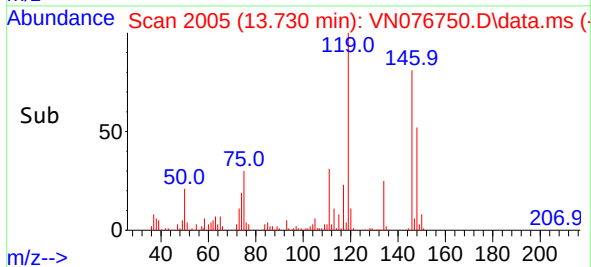
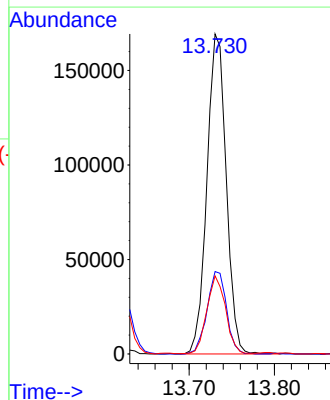
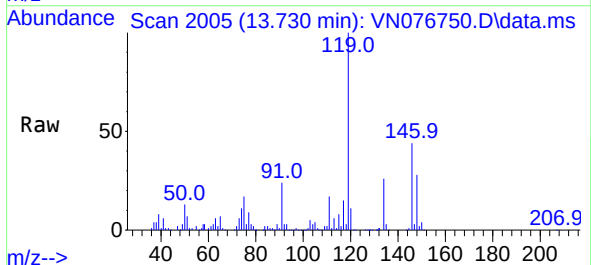
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

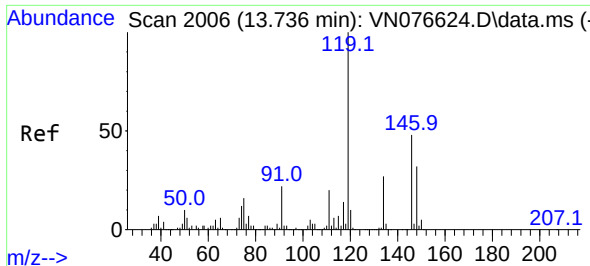
Tgt Ion:105 Resp: 331273  
Ion Ratio Lower Upper  
105 100  
134 19.8 10.5 31.5



#86  
p-Isopropyltoluene  
Concen: 21.303 ug/l  
RT: 13.730 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion:119 Resp: 266657  
Ion Ratio Lower Upper  
119 100  
134 25.9 13.4 40.1  
91 23.5 11.7 35.0

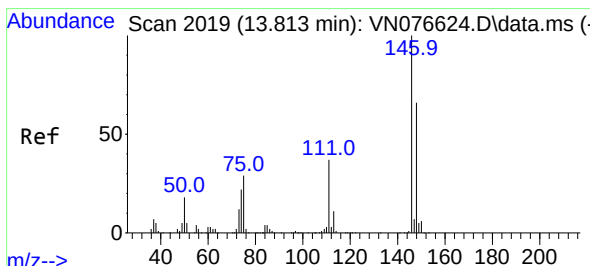
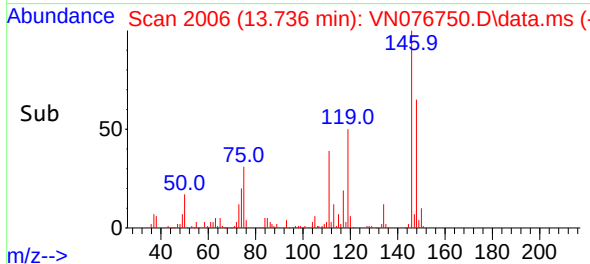
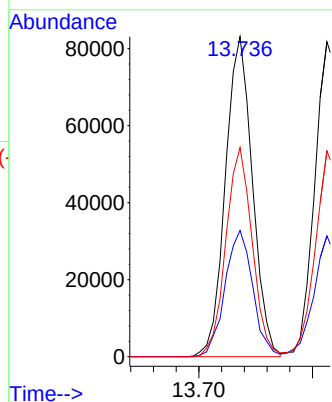
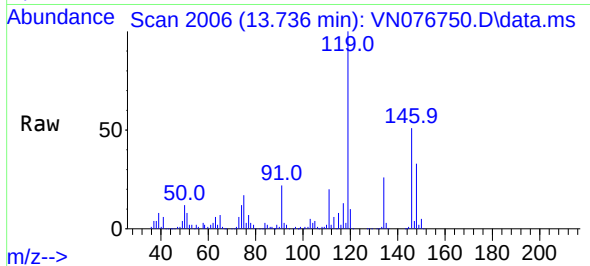




#87  
1,3-Dichlorobenzene  
Concen: 19.426 ug/l  
RT: 13.736 min Scan# 2006  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

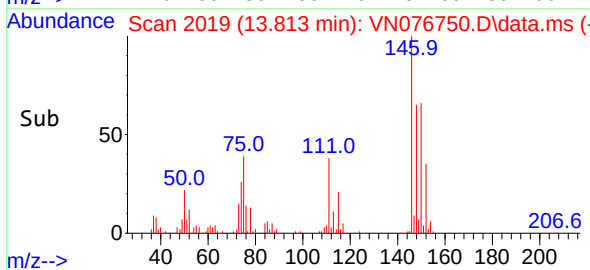
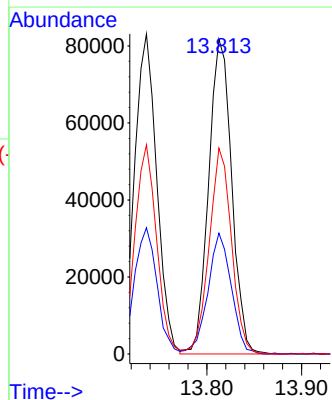
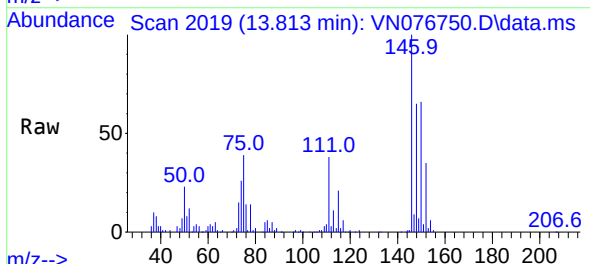
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

Tgt Ion:146 Resp: 137586  
Ion Ratio Lower Upper  
146 100  
111 40.4 19.8 59.4  
148 63.8 32.0 96.2

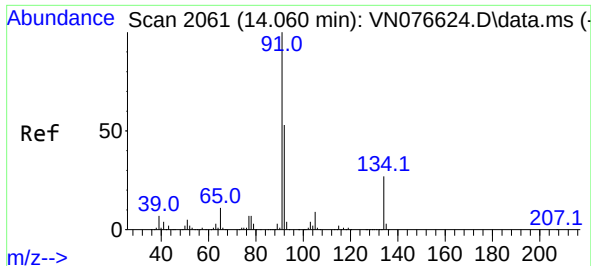


#88  
1,4-Dichlorobenzene  
Concen: 19.620 ug/l  
RT: 13.813 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion:146 Resp: 138380  
Ion Ratio Lower Upper  
146 100  
111 39.1 19.4 58.1  
148 63.7 32.7 98.1



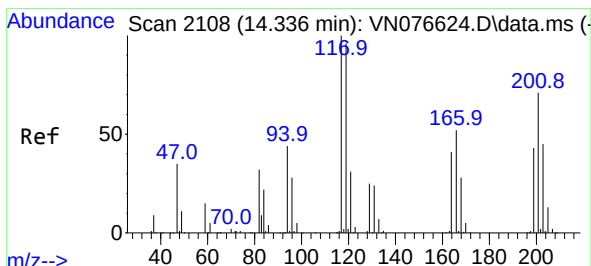
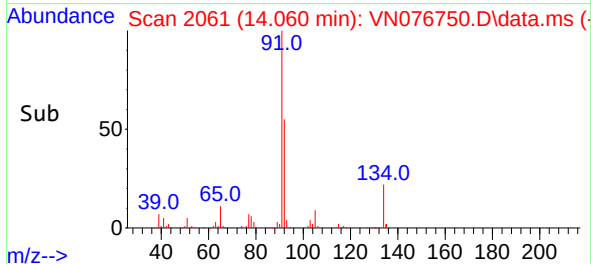
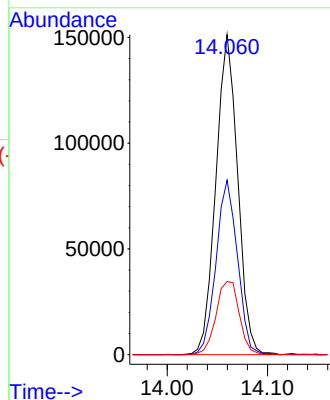
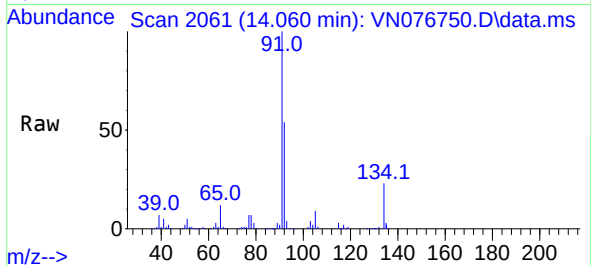




#89  
n-Butylbenzene  
Concen: 20.938 ug/l  
RT: 14.060 min Scan# 2061  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

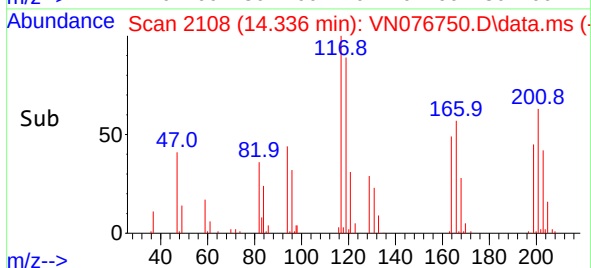
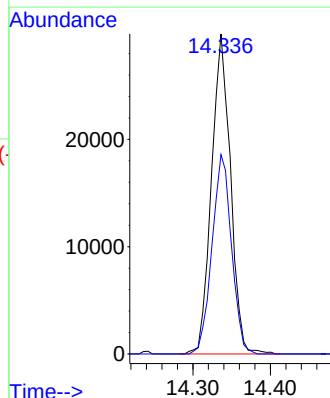
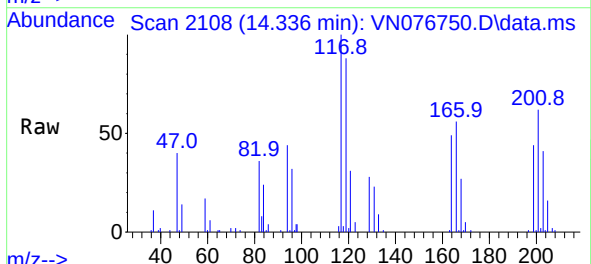
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

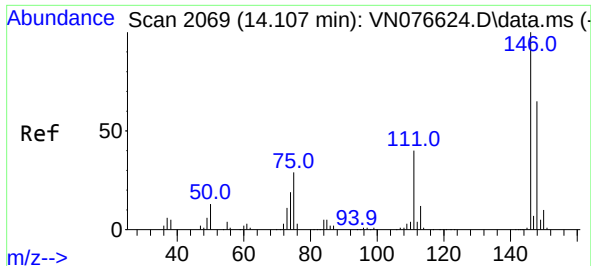
Tgt Ion: 91 Resp: 227948  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.4 79.0  
134 24.5 13.2 39.5



#90  
Hexachloroethane  
Concen: 19.321 ug/l  
RT: 14.336 min Scan# 2108  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 117 Resp: 50638  
Ion Ratio Lower Upper  
117 100  
201 63.9 35.5 106.7

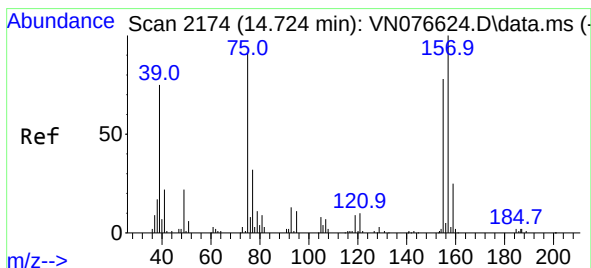
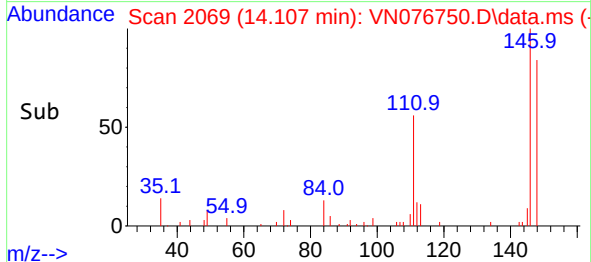
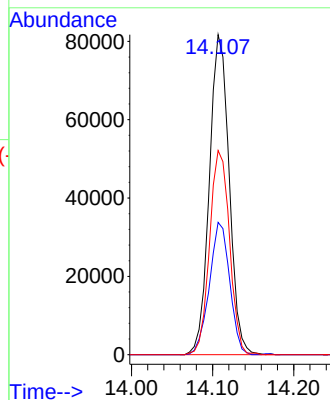
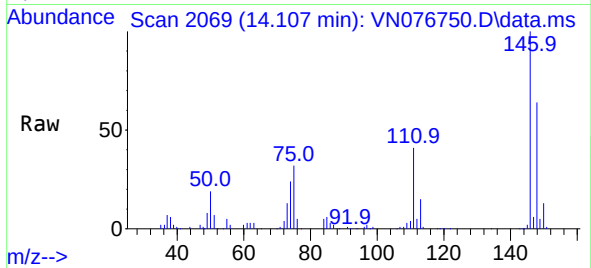




#91  
1,2-Dichlorobenzene  
Concen: 19.059 ug/l  
RT: 14.107 min Scan# 2069  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

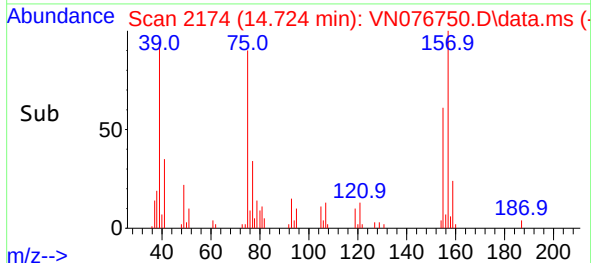
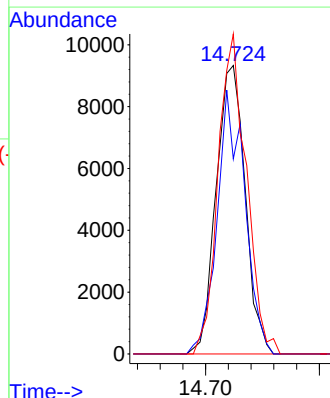
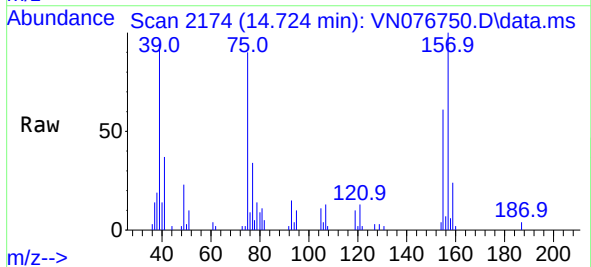
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

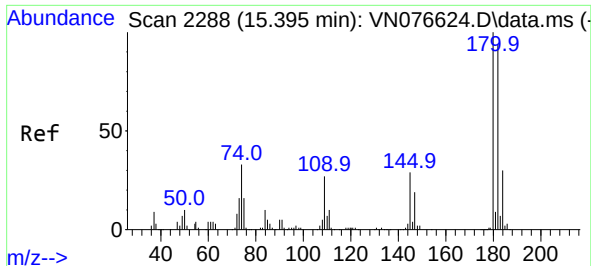
Tgt Ion:146 Resp: 138388  
Ion Ratio Lower Upper  
146 100  
111 42.3 20.0 59.9  
148 64.2 32.4 97.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 15.694 ug/l  
RT: 14.724 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion: 75 Resp: 16528  
Ion Ratio Lower Upper  
75 100  
155 87.3 43.4 130.2  
157 107.7 55.2 165.6

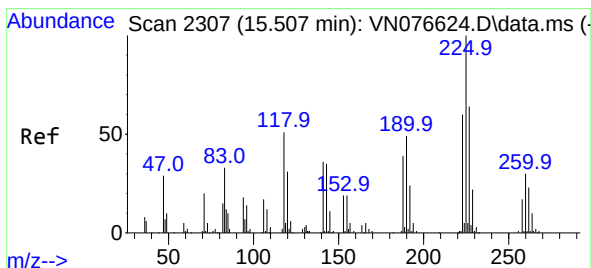
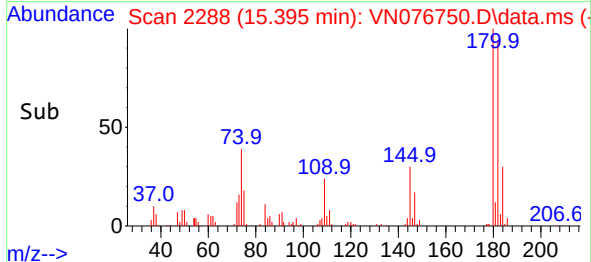
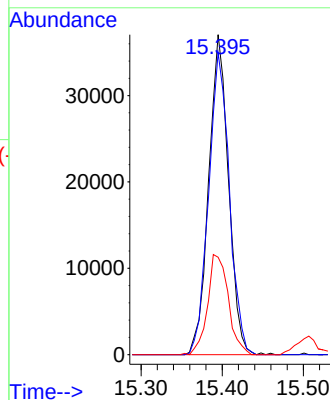
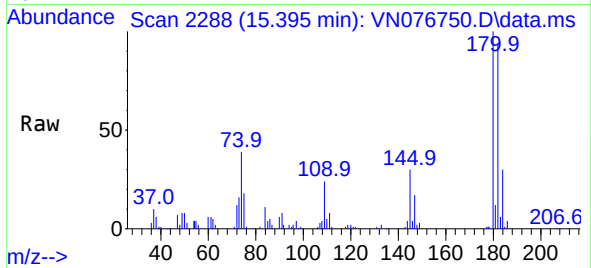




#93  
1,2,4-Trichlorobenzene  
Concen: 17.335 ug/l  
RT: 15.395 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

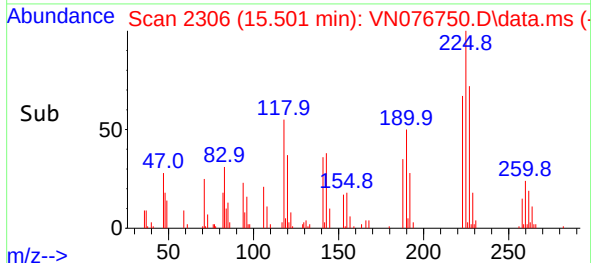
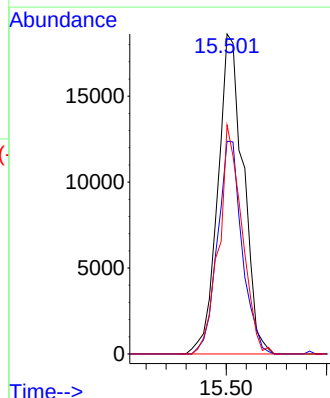
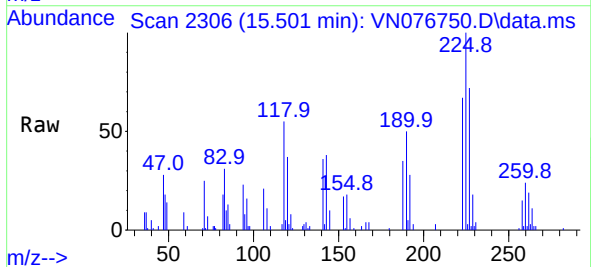
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

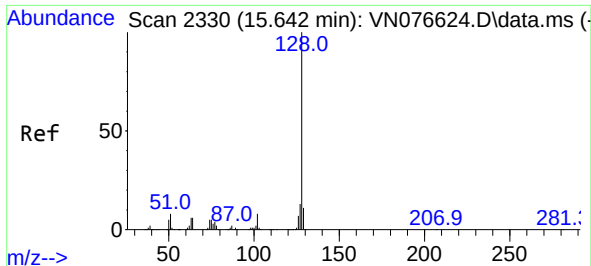
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 62785 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 98.6  | 48.0  | 144.0 |
| 145       | 32.8  | 15.2  | 45.6  |



#94  
Hexachlorobutadiene  
Concen: 18.388 ug/l  
RT: 15.501 min Scan# 2306  
Delta R.T. -0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 32641 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.3  | 31.6  | 95.0  |
| 227       | 65.0  | 31.3  | 93.9  |



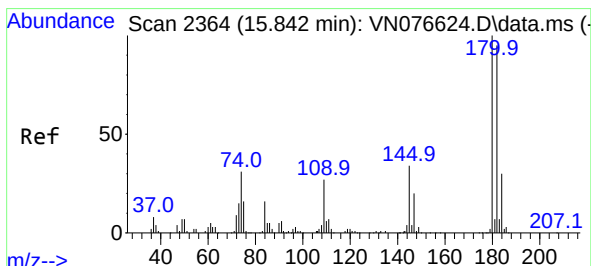
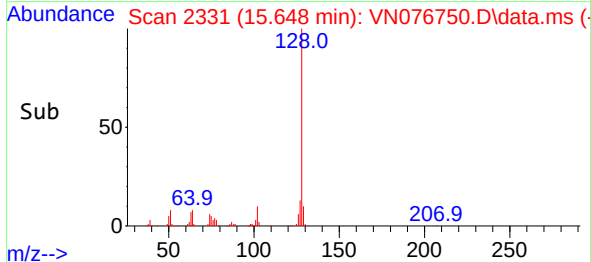
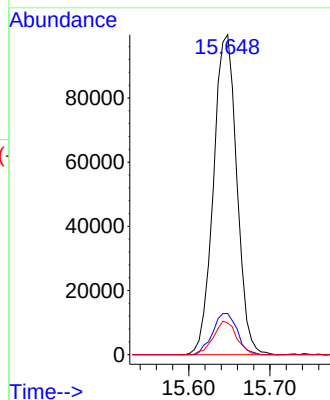
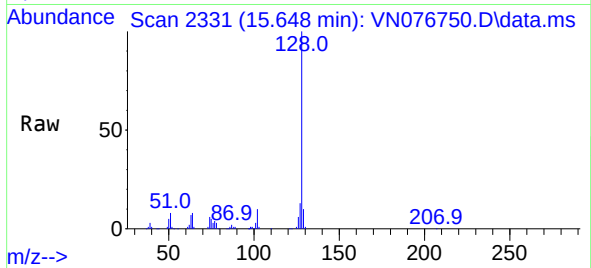


#95  
Naphthalene  
Concen: 18.143 ug/l  
RT: 15.648 min Scan# 2330  
Delta R.T. 0.006 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0221WBS01

Tgt Ion:128 Resp: 199408

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.6  | 10.6  | 16.0  |
| 129 | 10.4  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 17.924 ug/l  
RT: 15.842 min Scan# 2364  
Delta R.T. -0.000 min  
Lab File: VN076750.D  
Acq: 21 Feb 2023 14:47

Tgt Ion:180 Resp: 62896

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.7  | 46.7  | 140.1 |
| 145 | 33.6  | 16.0  | 47.9  |

