

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030824\  
 Data File : VN081339.D  
 Acq On : 08 Mar 2024 11:17  
 Operator : JC\MD  
 Sample : VN0308WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0308WBS01

Quant Time: Mar 09 00:54:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030524W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 06 03:12:57 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 316018   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 585247   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 520764   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 232980   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 230414   | 50.427   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.860% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 179127   | 49.957   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 99.920%  |      |
| 50) Toluene-d8              | 10.565 | 98    | 677646   | 50.556   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 101.120% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 231683   | 48.905   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | = 97.800%  |      |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 84954  | 20.280 | ug/l   | 98  |
| 3) Chloromethane             | 2.359 | 50  | 81309  | 17.969 | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.512 | 62  | 86905  | 18.410 | ug/l # | 89  |
| 5) Bromomethane              | 2.965 | 94  | 55144  | 17.491 | ug/l   | 93  |
| 6) Chloroethane              | 3.124 | 64  | 57072  | 17.603 | ug/l   | 94  |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 134488 | 19.258 | ug/l   | 94  |
| 8) Diethyl Ether             | 3.965 | 74  | 44191  | 17.961 | ug/l   | 84  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 71681  | 18.025 | ug/l # | 90  |
| 10) Methyl Iodide            | 4.583 | 142 | 67159  | 18.455 | ug/l # | 96  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 72378  | 90.589 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 68717  | 18.659 | ug/l   | 94  |
| 13) Acrolein                 | 4.177 | 56  | 85707  | 90.592 | ug/l   | 97  |
| 14) Allyl chloride           | 5.024 | 41  | 95297  | 17.436 | ug/l # | 87  |
| 15) Acrylonitrile            | 5.718 | 53  | 197452 | 94.599 | ug/l   | 98  |
| 16) Acetone                  | 4.418 | 43  | 147117 | 90.874 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.712 | 76  | 182254 | 17.339 | ug/l # | 95  |
| 18) Methyl Acetate           | 5.024 | 43  | 101182 | 21.830 | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 230630 | 18.464 | ug/l   | 97  |
| 20) Methylene Chloride       | 5.271 | 84  | 76881  | 18.718 | ug/l   | 91  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 73791  | 17.772 | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.671 | 45  | 242708 | 19.993 | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.606 | 43  | 918134 | 93.099 | ug/l # | 93  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 141535 | 19.046 | ug/l   | 100 |
| 25) 2-Butanone               | 7.483 | 43  | 252272 | 93.049 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 122350 | 18.629 | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 85398  | 18.141 | ug/l   | 89  |
| 28) Bromochloromethane       | 7.818 | 49  | 59849  | 18.823 | ug/l # | 71  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 170572 | 92.263 | ug/l # | 90  |
| 30) Chloroform               | 7.965 | 83  | 146753 | 19.031 | ug/l   | 93  |
| 31) Cyclohexane              | 8.259 | 56  | 122864 | 17.760 | ug/l # | 76  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 131440 | 19.283 | ug/l   | 89  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 108694 | 18.790 | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.559 | 43  | 108024 | 19.103 | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 108813 | 18.690 | ug/l   | 95  |
| 39) Methylcyclohexane        | 9.606 | 83  | 121019 | 18.178 | ug/l   | 93  |
| 40) Benzene                  | 8.606 | 78  | 322019 | 18.650 | ug/l   | 97  |

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 Sample : VN0308WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0308WBS01

Quant Time: Mar 09 00:54:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030524W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 06 03:12:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 58335    | 18.268  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 117248   | 19.259  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 182700   | 18.459  | ug/l   | 98       |
| 44) Trichloroethene           | 9.359  | 130  | 81230    | 18.653  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 82201    | 18.951  | ug/l   | 100      |
| 46) Dibromomethane            | 9.712  | 93   | 57158    | 18.695  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.888  | 83   | 113510   | 19.125  | ug/l # | 99       |
| 48) Methyl methacrylate       | 9.682  | 41   | 84471    | 19.308  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 34555    | 358.354 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 544864   | 94.810  | ug/l   | 96       |
| 52) Toluene                   | 10.629 | 92   | 201022   | 19.273  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 120525   | 18.768  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 132686   | 19.140  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 77811    | 18.812  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 116072   | 19.543  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 139412   | 19.312  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 303412   | 94.970  | ug/l # | 90       |
| 59) 2-Hexanone                | 11.194 | 43   | 411307   | 95.735  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 83849    | 19.684  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 81968    | 19.099  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 79657    | 19.535  | ug/l   | 87       |
| 65) Chlorobenzene             | 11.894 | 112  | 210700   | 19.200  | ug/l   | 92       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 74341    | 18.513  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.965 | 91   | 370235   | 18.729  | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.070 | 106  | 283320   | 38.084  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 136942   | 18.994  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 224897   | 19.683  | ug/l   | 97       |
| 71) Bromoform                 | 12.576 | 173  | 52645    | 18.884  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.700 | 105  | 359597   | 19.114  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 148738   | 18.842  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 106955   | 18.422  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 147895   | 26.876  | ug/l   | 58       |
| 77) Bromobenzene              | 12.982 | 156  | 78642    | 17.631  | ug/l   | 79       |
| 78) n-propylbenzene           | 13.035 | 91   | 431731   | 19.402  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 260164   | 19.128  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 310561   | 19.970  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 40735    | 20.659  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 253939   | 18.902  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 257575   | 19.319  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 307089   | 19.490  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 365353   | 18.942  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 297806   | 19.253  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 150671   | 17.889  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 155501   | 18.471  | ug/l   | 95       |
| 89) n-Butylbenzene            | 14.059 | 91   | 266679   | 18.800  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 50820    | 18.766  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 148324   | 18.355  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 22224    | 17.888  | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 78220    | 18.109  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 29824    | 16.710  | ug/l   | 97       |
| 95) Naphthalene               | 15.641 | 128  | 282277   | 18.365  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 77885    | 17.780  | ug/l   | 98       |

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Data File : VN081339.D  
Acq On : 08 Mar 2024 11:17  
Operator : JC\MD  
Sample : VN0308WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

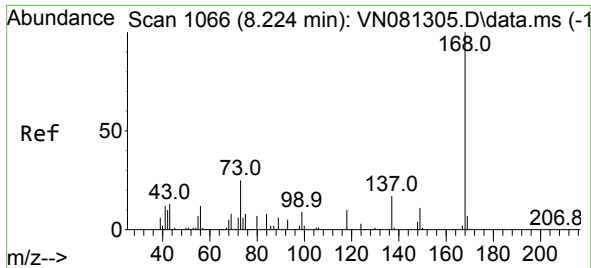
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

Quant Time: Mar 09 00:54:45 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030524W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 06 03:12:57 2024  
Response via : Initial Calibration

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

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

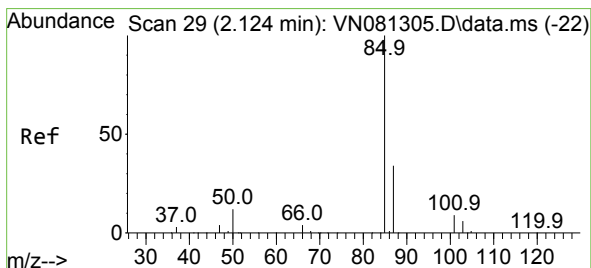
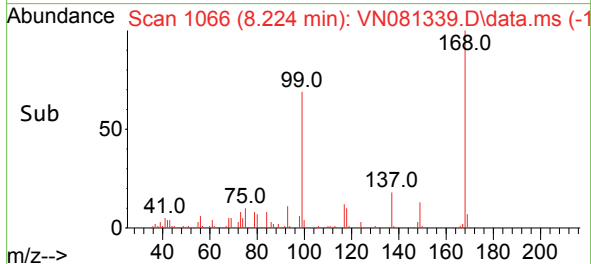
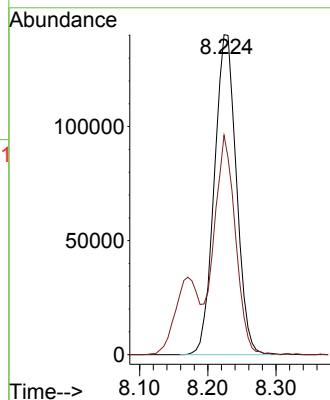
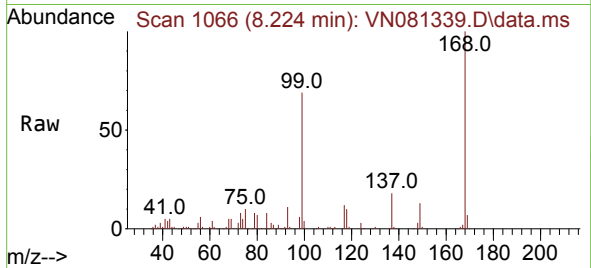




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

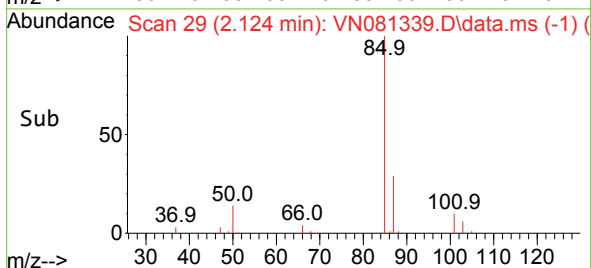
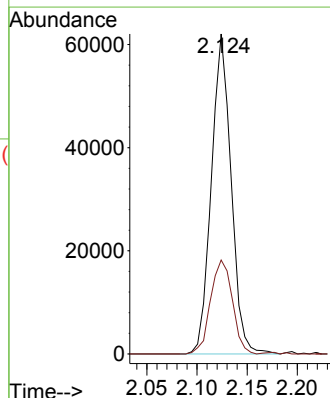
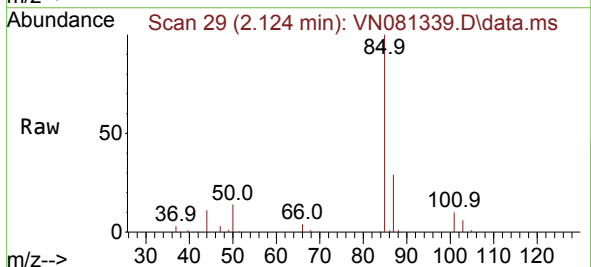
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MSVOA\_N  
ClientSampleId :  
VN0308WBS01

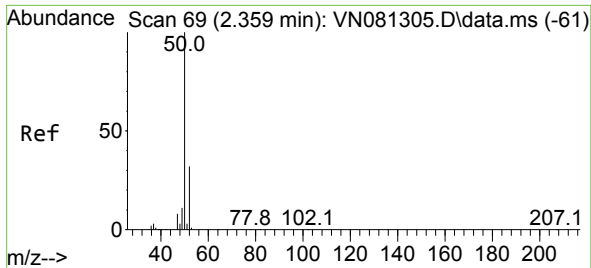
Tgt Ion:168 Resp: 316018  
Ion Ratio Lower Upper  
168 100  
99 68.4 59.9 89.9



#2  
Dichlorodifluoromethane  
Concen: 20.280 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 85 Resp: 84954  
Ion Ratio Lower Upper  
85 100  
87 29.3 15.3 45.9

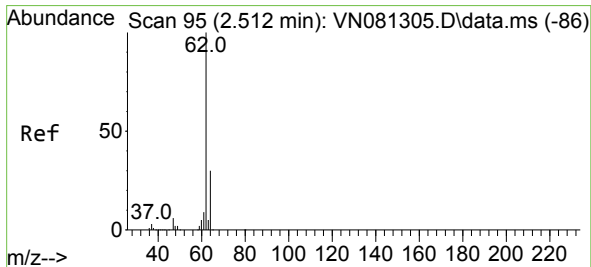
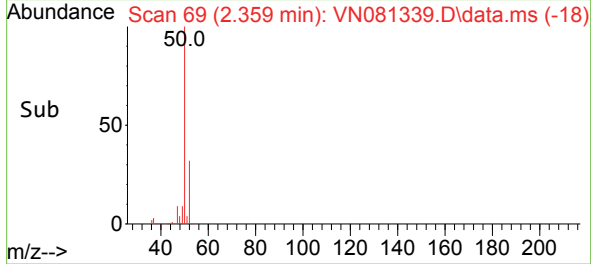
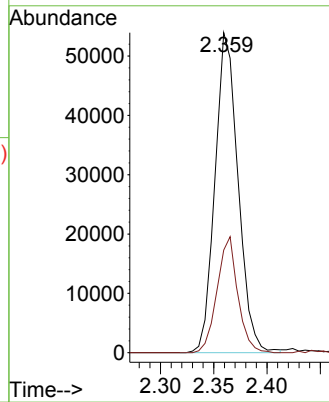
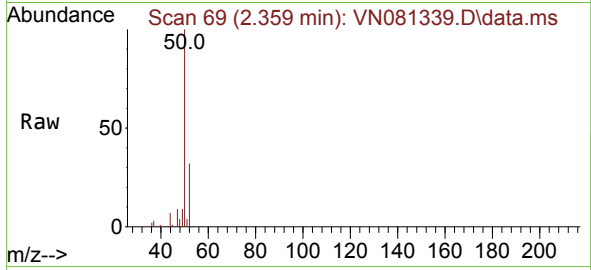




#3  
Chloromethane  
Concen: 17.969 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

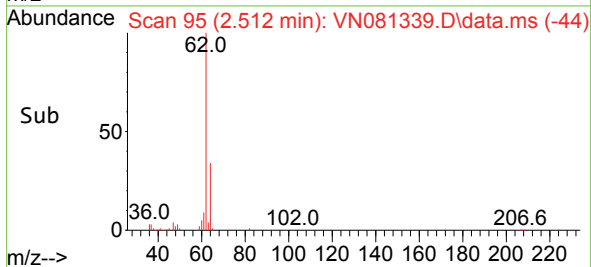
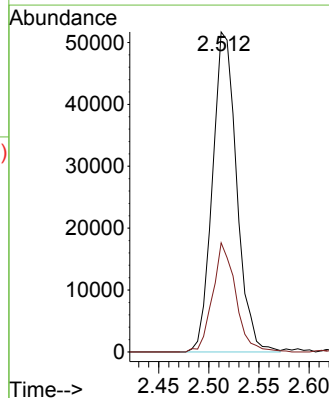
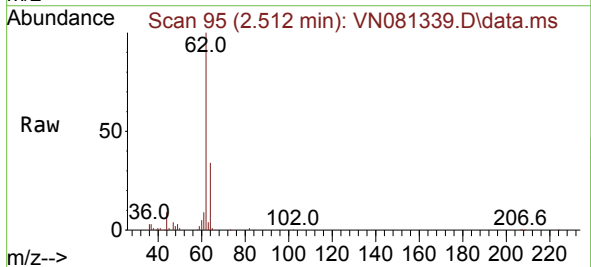
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

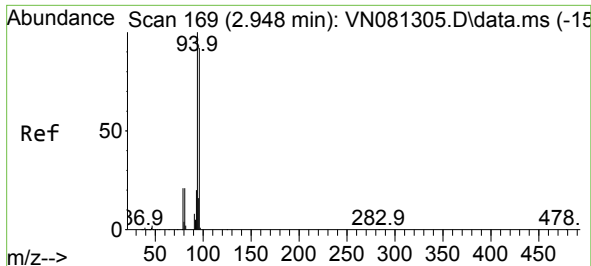
Tgt Ion: 50 Resp: 81309  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.0 37.4



#4  
Vinyl Chloride  
Concen: 18.410 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 62 Resp: 86905  
Ion Ratio Lower Upper  
62 100  
64 34.1 22.7 34.1#

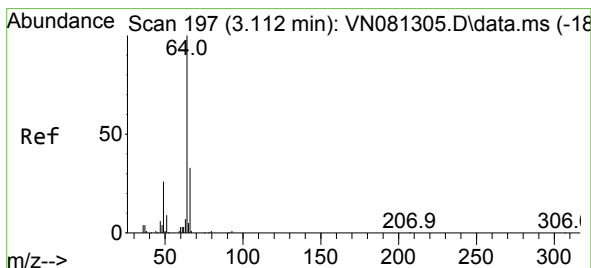
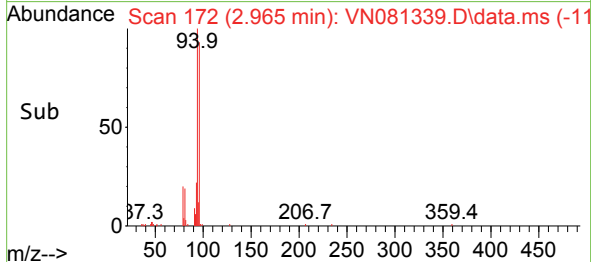
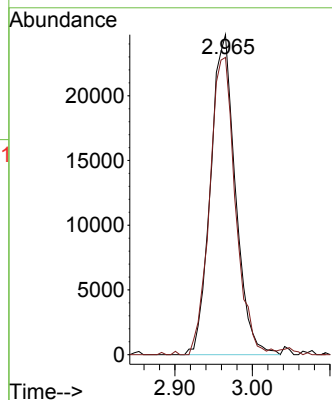
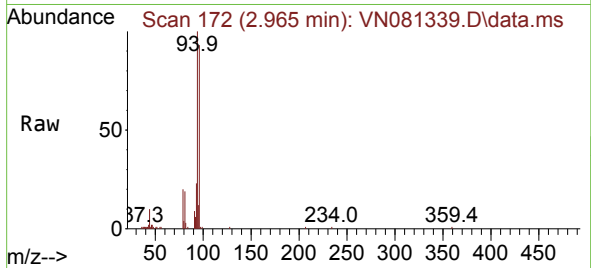




#5  
Bromomethane  
Concen: 17.491 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

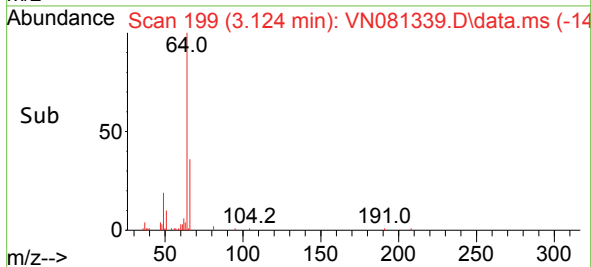
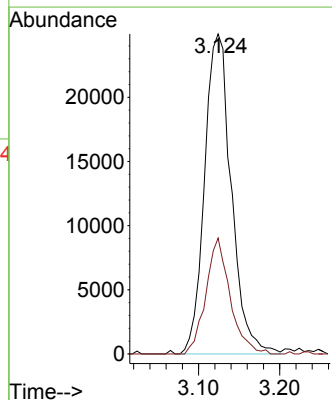
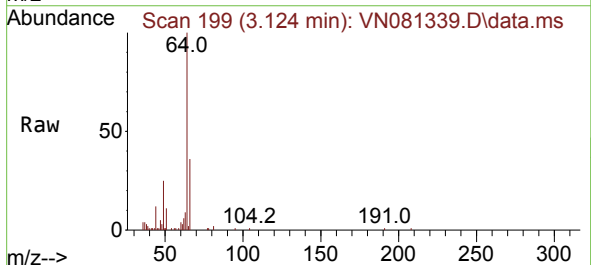
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

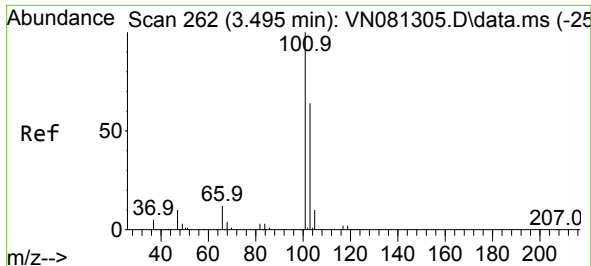
Tgt Ion: 94 Resp: 55144  
Ion Ratio Lower Upper  
94 100  
96 92.9 69.2 103.8



#6  
Chloroethane  
Concen: 17.603 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.012 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 64 Resp: 57072  
Ion Ratio Lower Upper  
64 100  
66 36.2 26.4 39.6

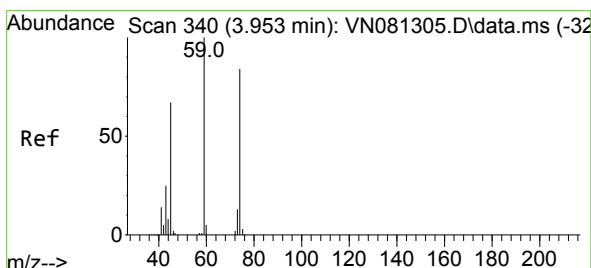
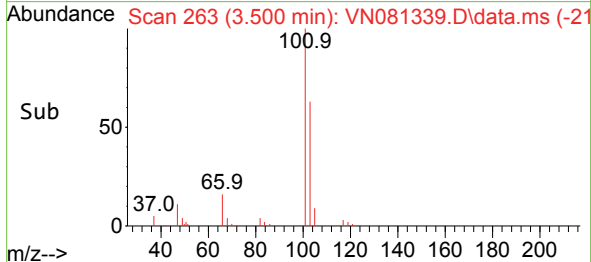
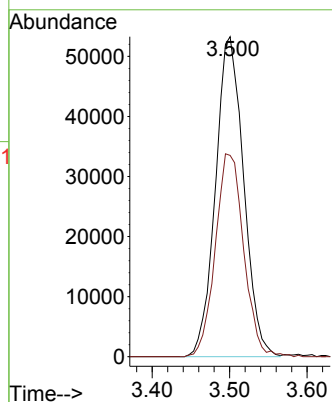
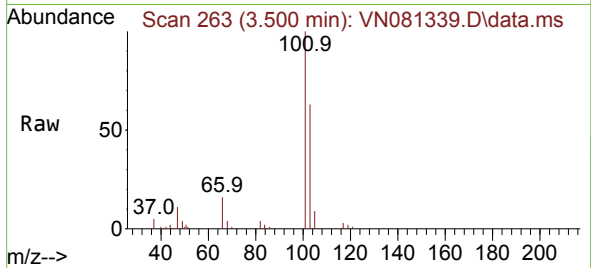




#7  
Trichlorofluoromethane  
Concen: 19.258 ug/l  
RT: 3.500 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

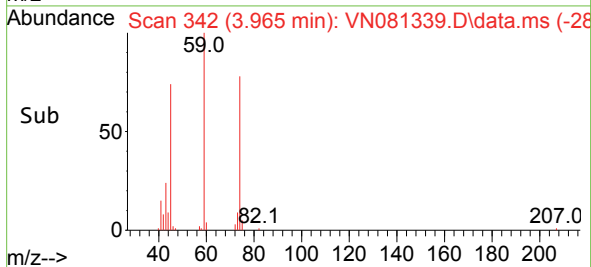
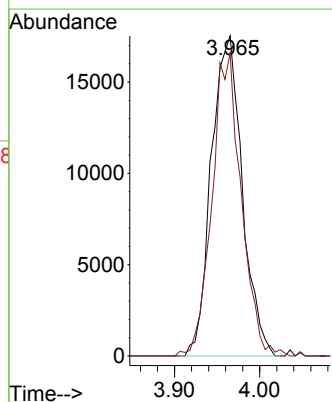
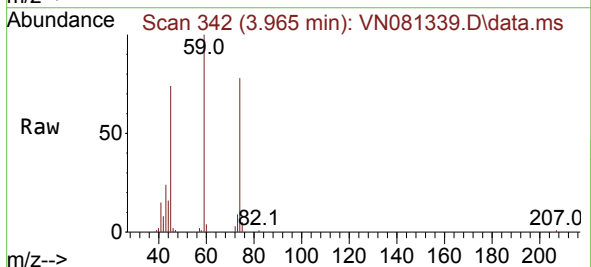
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

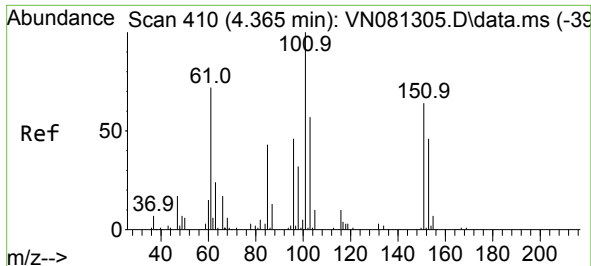
Tgt Ion:101 Resp: 134488  
Ion Ratio Lower Upper  
101 100  
103 62.9 54.4 81.6



#8  
Diethyl Ether  
Concen: 17.961 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. 0.012 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 74 Resp: 44191  
Ion Ratio Lower Upper  
74 100  
45 89.5 53.3 159.9

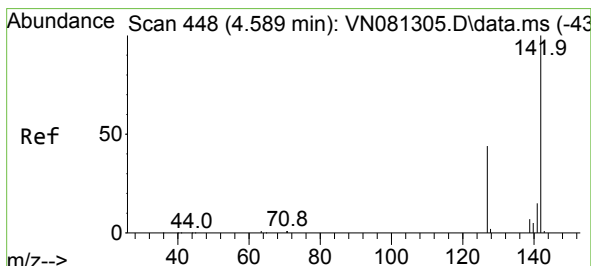
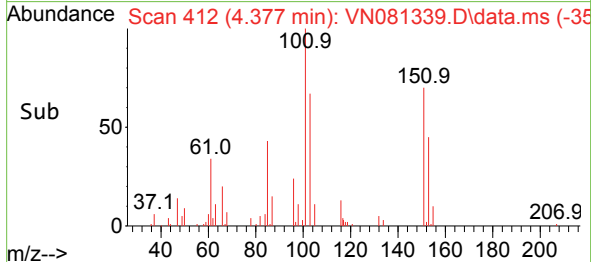
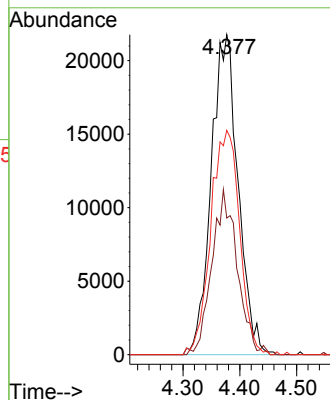
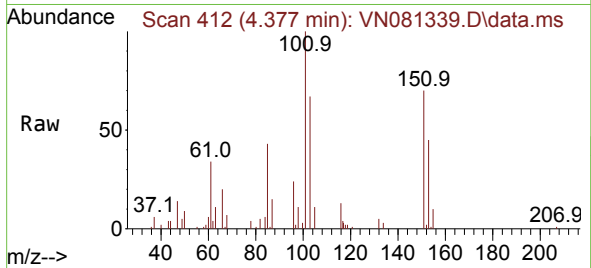




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.025 ug/l  
RT: 4.377 min Scan# 410  
Delta R.T. 0.012 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

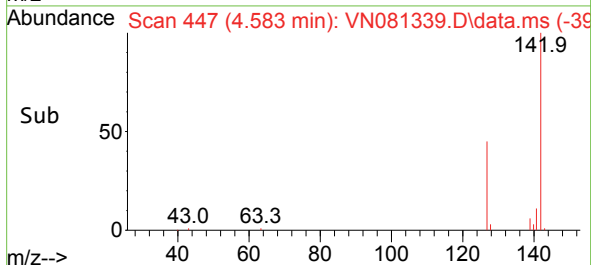
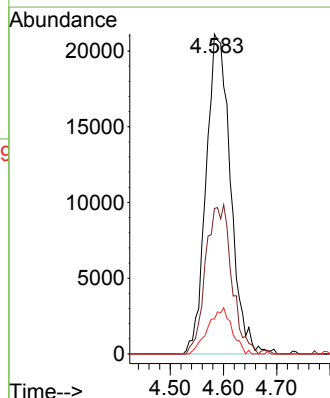
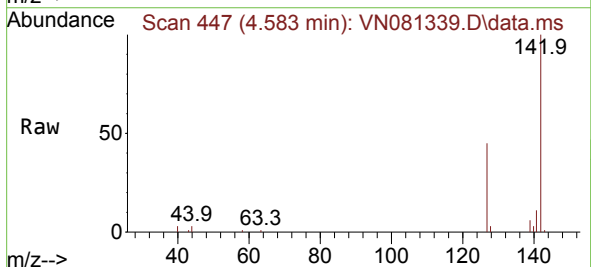
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

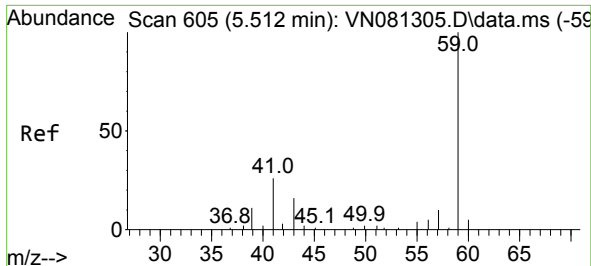
Tgt Ion:101 Resp: 71681  
Ion Ratio Lower Upper  
101 100  
85 48.1 38.1 57.1  
151 74.8 49.1 73.7#



#10  
Methyl Iodide  
Concen: 18.455 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion:142 Resp: 67159  
Ion Ratio Lower Upper  
142 100  
127 45.5 37.0 55.4  
141 10.9 12.5 18.7#

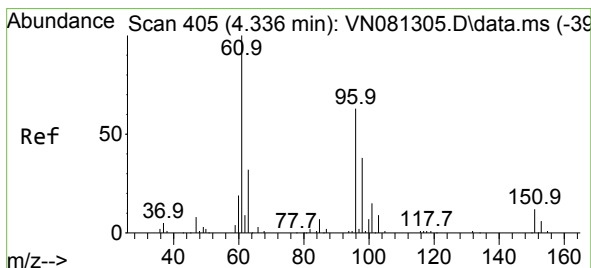
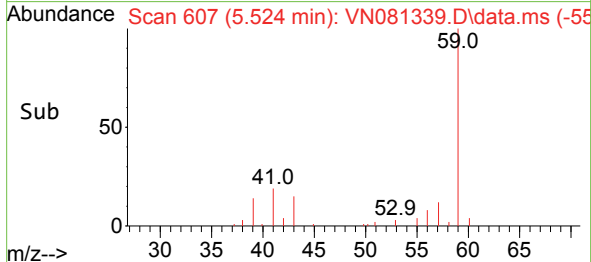
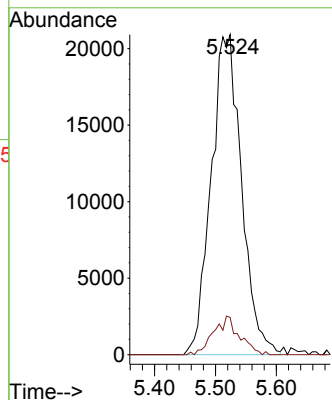
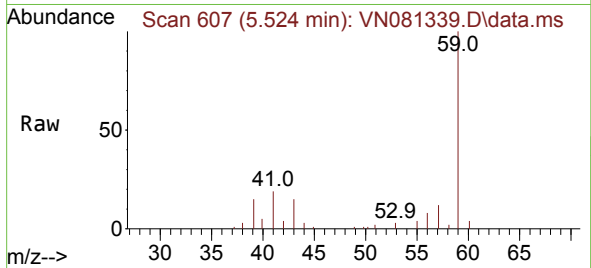




#11  
Tert butyl alcohol  
Concen: 90.589 ug/l  
RT: 5.524 min Scan# 605  
Delta R.T. 0.012 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

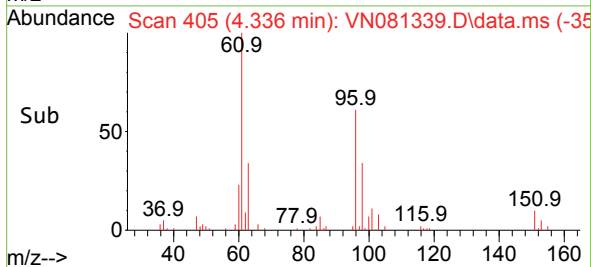
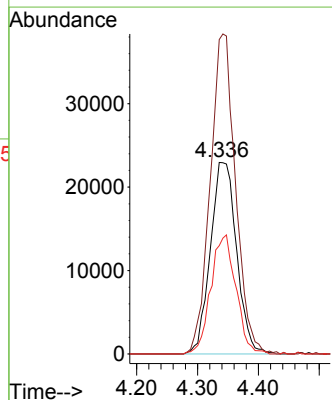
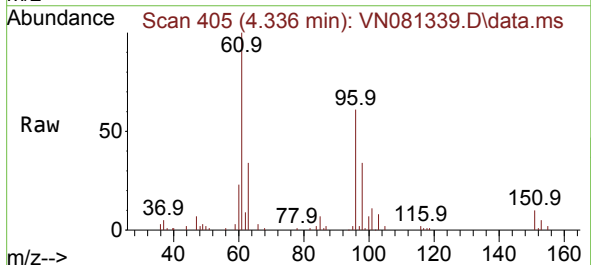
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

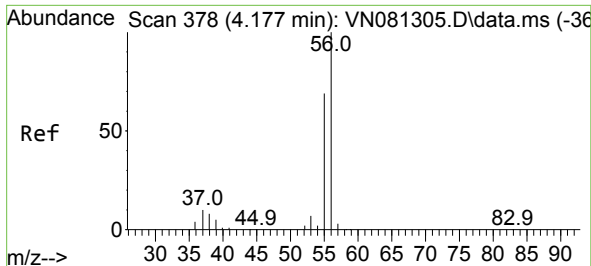
Tgt Ion: 59 Resp: 72378  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 18.659 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 96 Resp: 68717  
Ion Ratio Lower Upper  
96 100  
61 164.1 138.2 207.4  
98 56.6 49.2 73.8





#13

Acrolein

Concen: 90.592 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

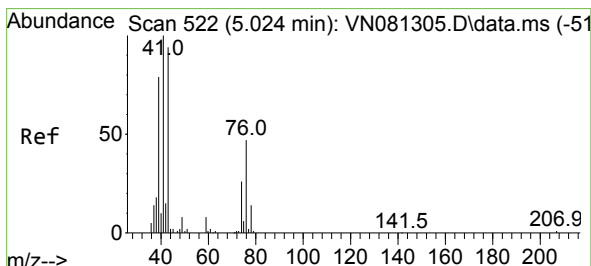
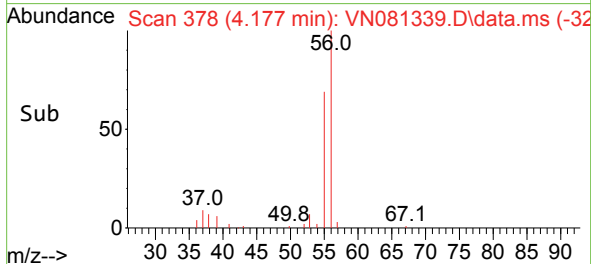
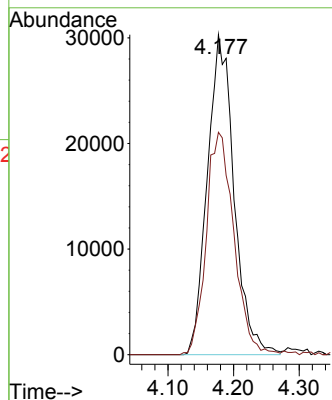
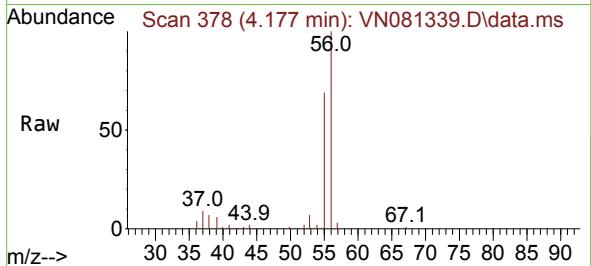
VN0308WBS01

Tgt Ion: 56 Resp: 85707

Ion Ratio Lower Upper

56 100

55 71.8 55.3 82.9



#14

Allyl chloride

Concen: 17.436 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

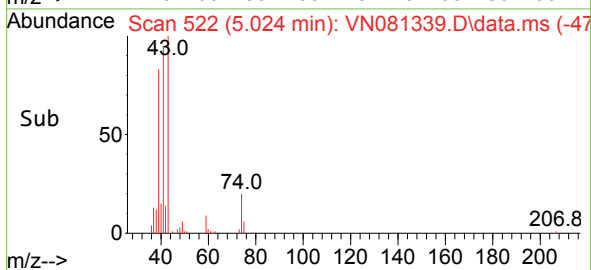
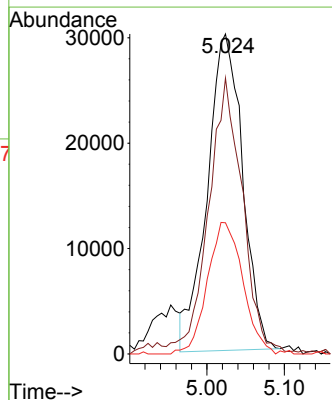
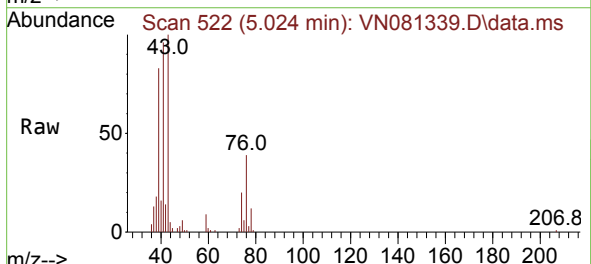
Tgt Ion: 41 Resp: 95297

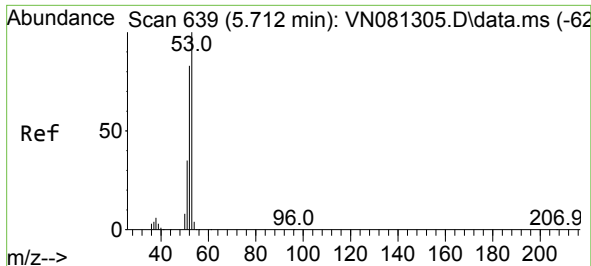
Ion Ratio Lower Upper

41 100

39 82.2 57.7 86.5

76 41.5 26.8 40.2#

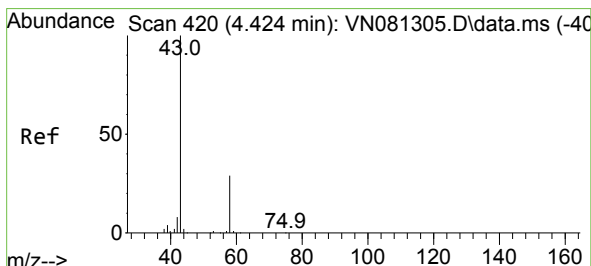
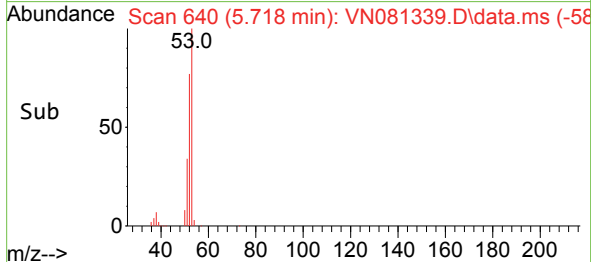
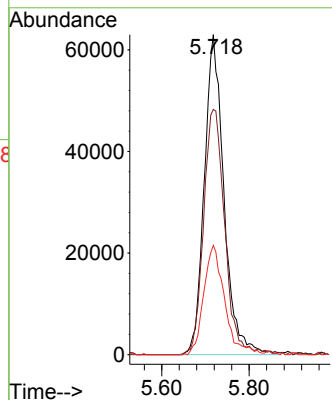
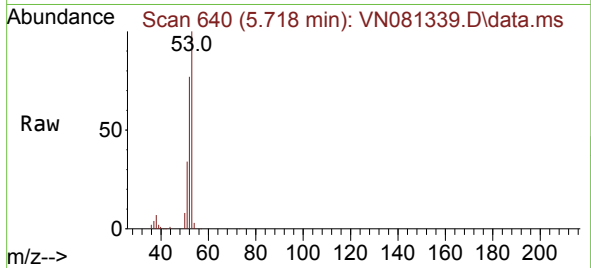




#15  
Acrylonitrile  
Concen: 94.599 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

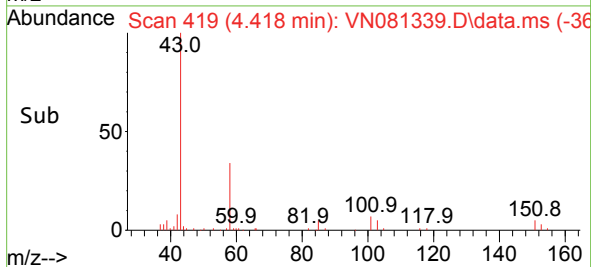
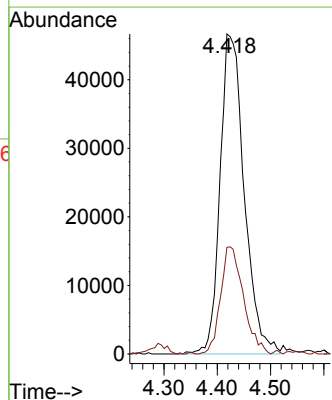
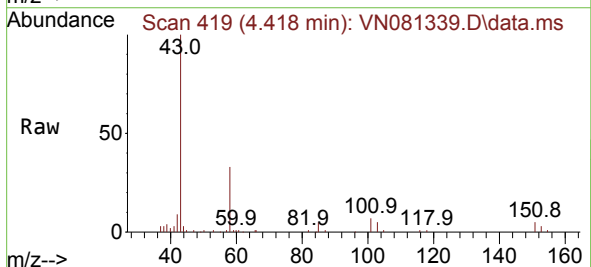
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

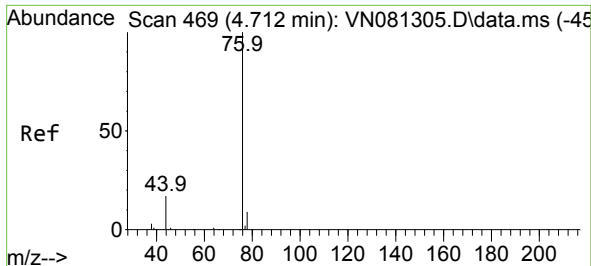
Tgt Ion: 53 Resp: 197452  
Ion Ratio Lower Upper  
53 100  
52 81.5 64.8 97.2  
51 36.2 26.9 40.3



#16  
Acetone  
Concen: 90.874 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 43 Resp: 147117  
Ion Ratio Lower Upper  
43 100  
58 33.0 24.8 37.2

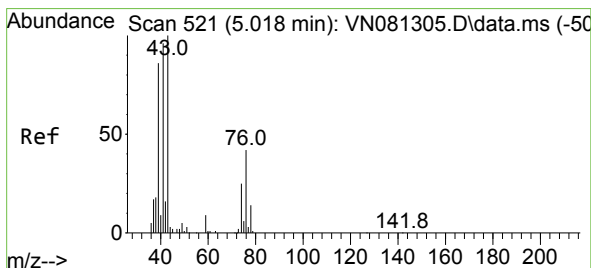
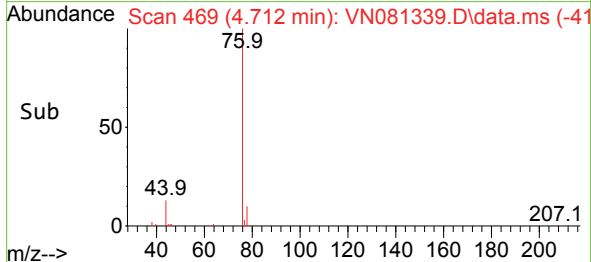
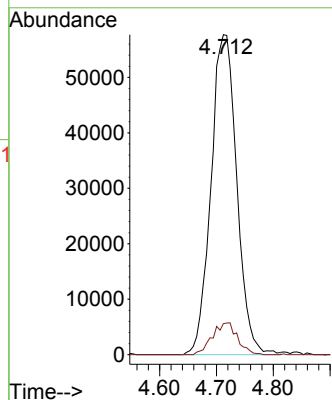
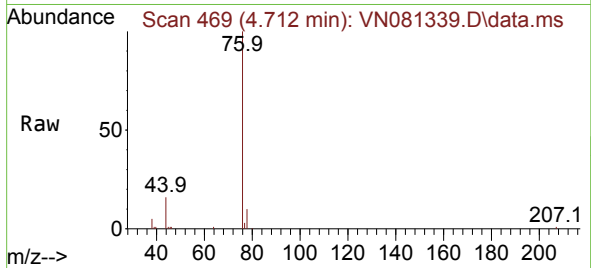




#17  
Carbon Disulfide  
Concen: 17.339 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

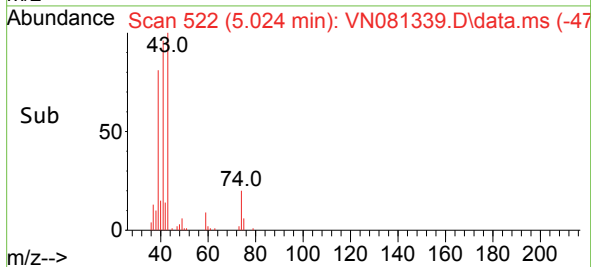
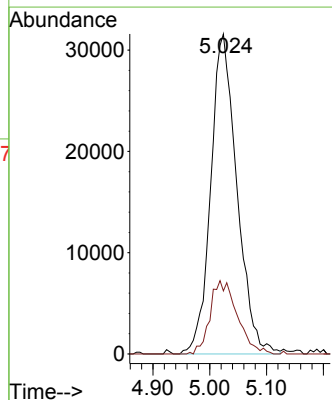
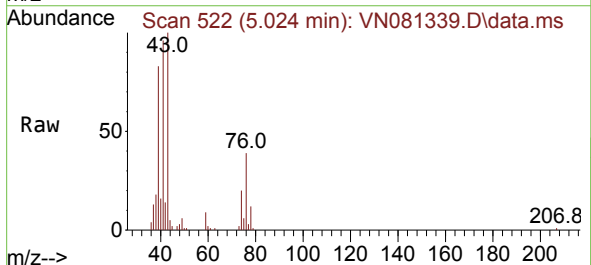
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

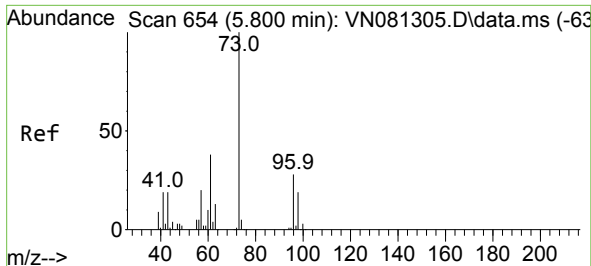
Tgt Ion: 76 Resp: 182254  
Ion Ratio Lower Upper  
76 100  
78 9.7 6.3 9.5#



#18  
Methyl Acetate  
Concen: 21.830 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 43 Resp: 101182  
Ion Ratio Lower Upper  
43 100  
74 23.8 17.3 25.9

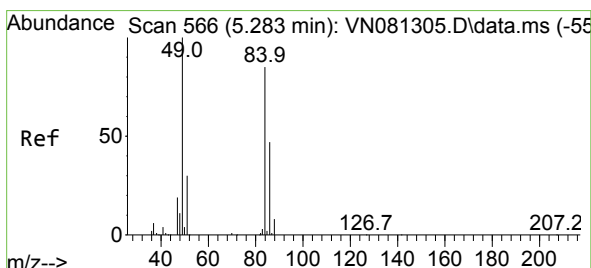
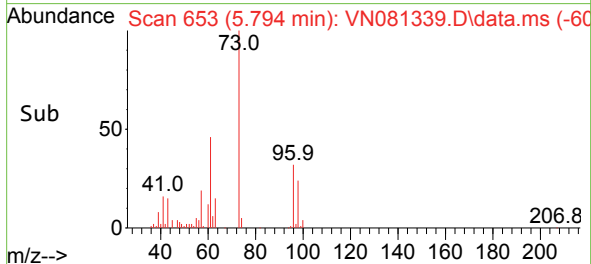
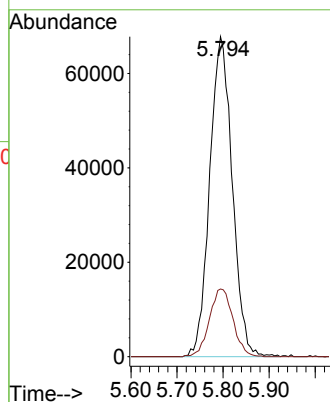
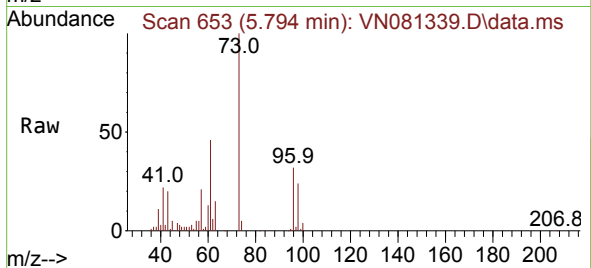




#19  
Methyl tert-butyl Ether  
Concen: 18.464 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

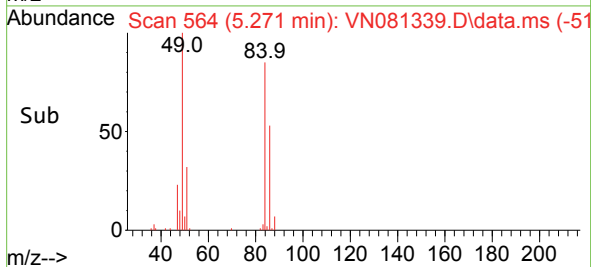
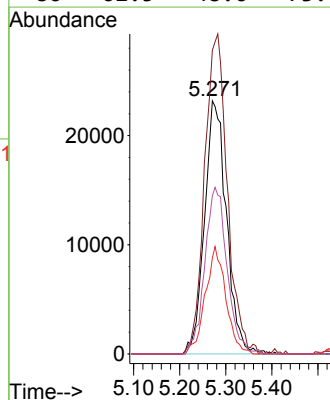
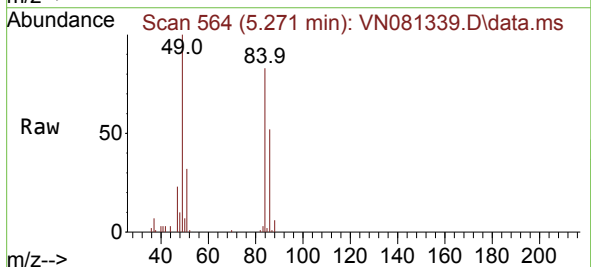
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

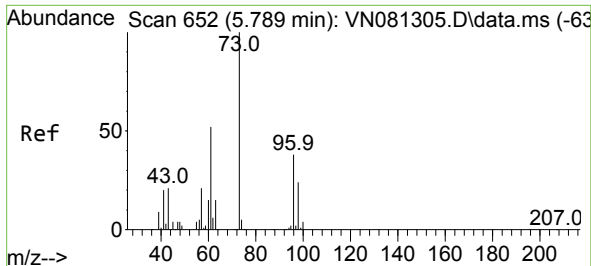
Tgt Ion: 73 Resp: 230630  
Ion Ratio Lower Upper  
73 100  
57 21.2 18.2 27.4



#20  
Methylene Chloride  
Concen: 18.718 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.012 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 84 Resp: 76881  
Ion Ratio Lower Upper  
84 100  
49 120.1 108.1 162.1  
51 37.9 32.9 49.3  
86 62.5 48.6 73.0

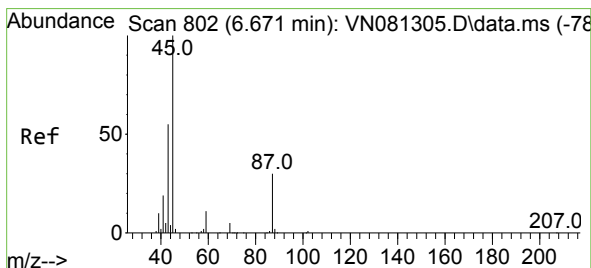
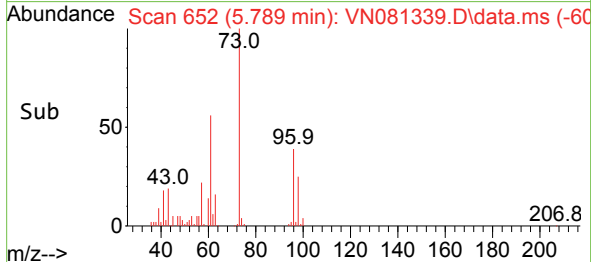
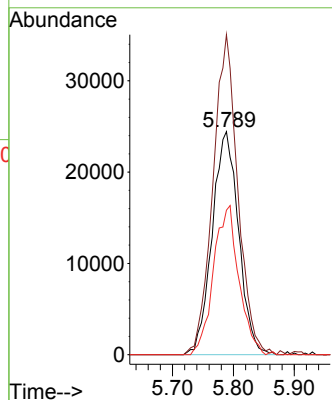
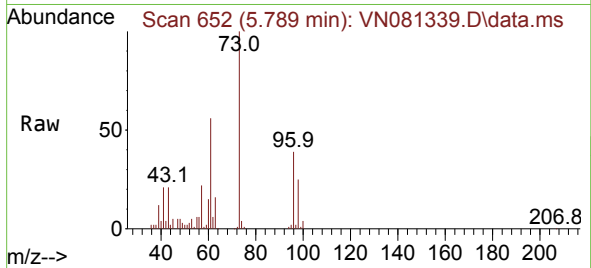




#21  
trans-1,2-Dichloroethene  
Concen: 17.772 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

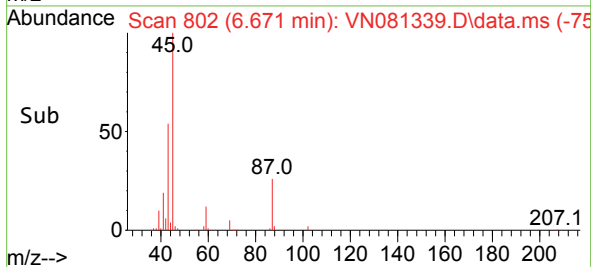
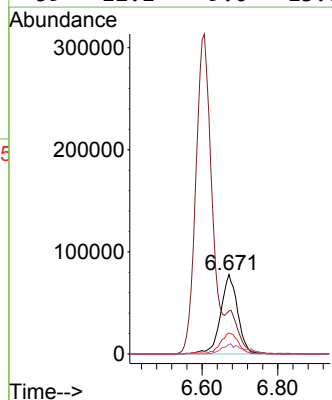
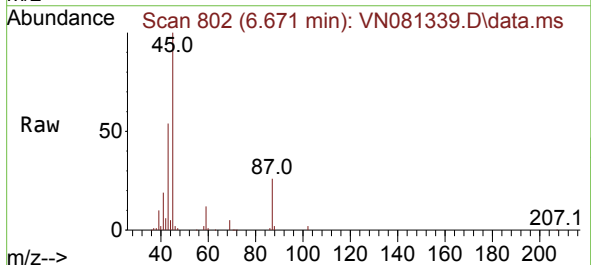
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

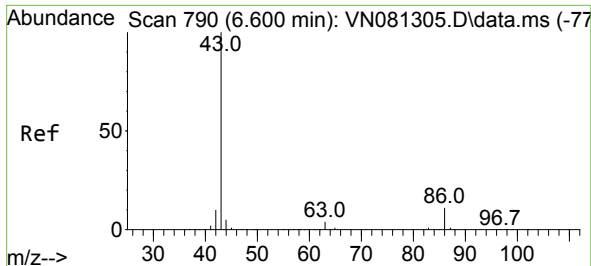
Tgt Ion: 96 Resp: 73791  
Ion Ratio Lower Upper  
96 100  
61 143.4 112.8 169.2  
98 64.8 51.0 76.4



#22  
Diisopropyl ether  
Concen: 19.993 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 45 Resp: 242708  
Ion Ratio Lower Upper  
45 100  
43 53.3 41.8 62.8  
87 26.4 18.1 27.1  
59 12.1 9.0 13.6

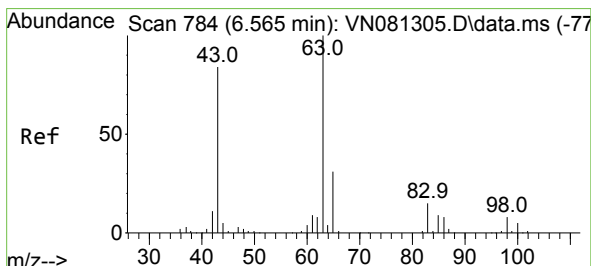
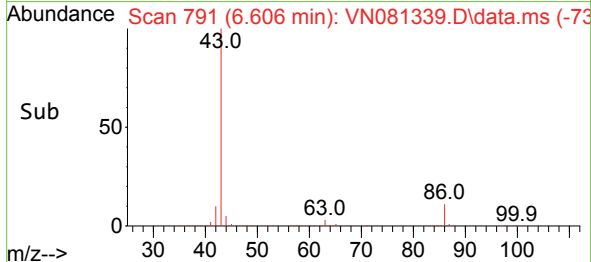
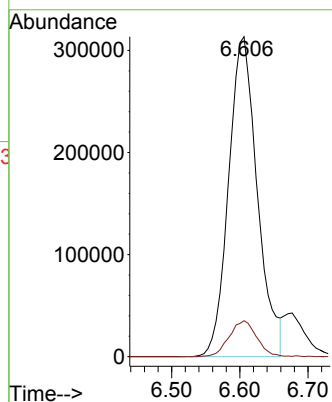
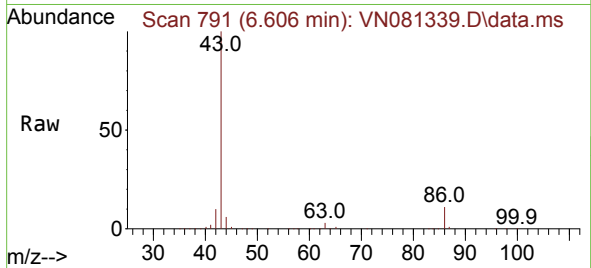




#23  
 Vinyl Acetate  
 Concen: 93.099 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN081339.D  
 Acq: 08 Mar 2024 11:17

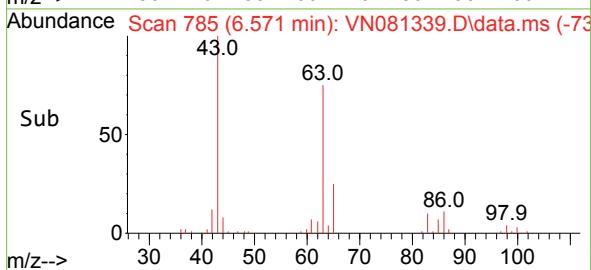
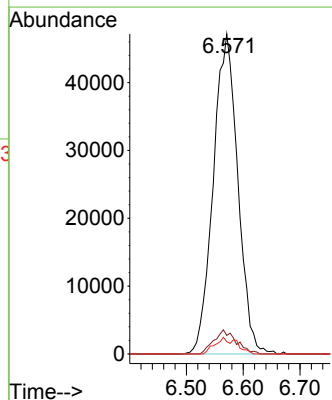
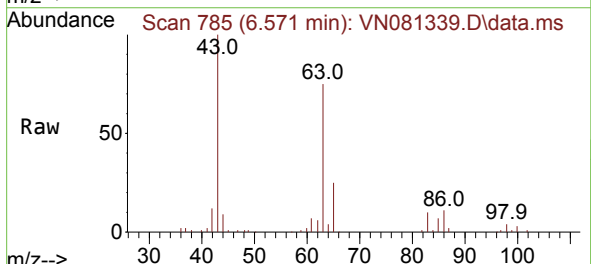
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0308WBS01

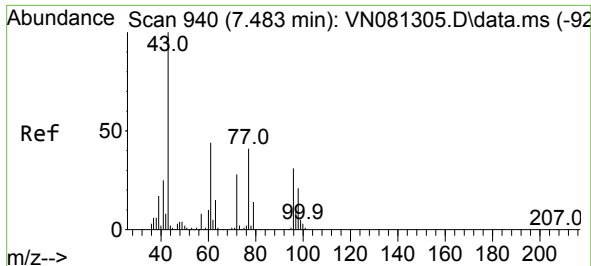
Tgt Ion: 43 Resp: 918134  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 19.046 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN081339.D  
 Acq: 08 Mar 2024 11:17

Tgt Ion: 63 Resp: 141535  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 2.9 8.6  
 100 3.9 1.9 5.7

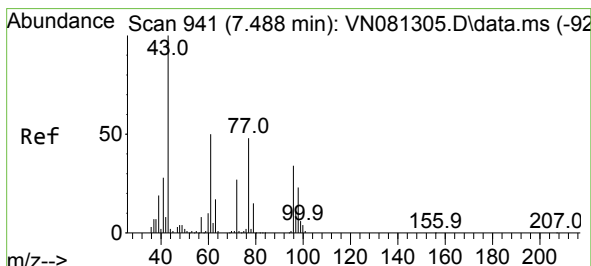
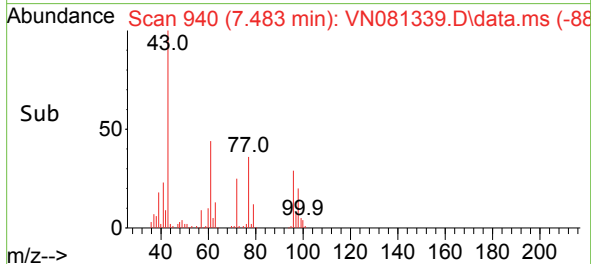
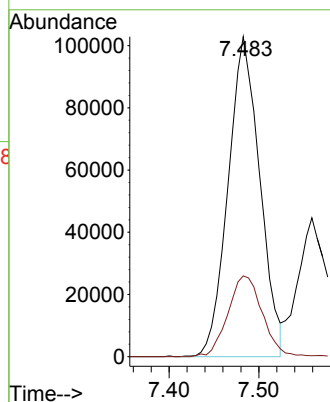
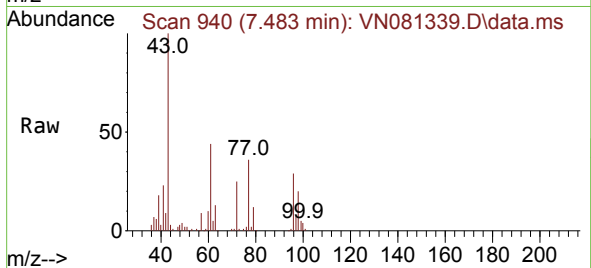




#25  
2-Butanone  
Concen: 93.049 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

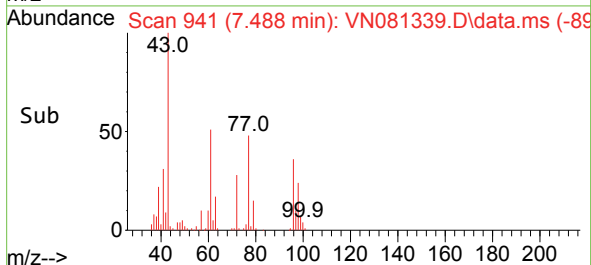
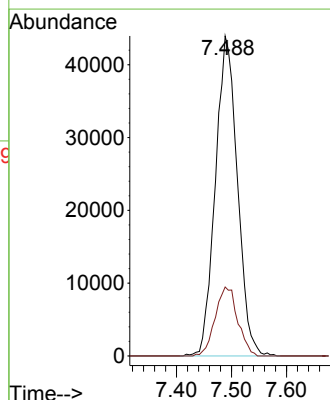
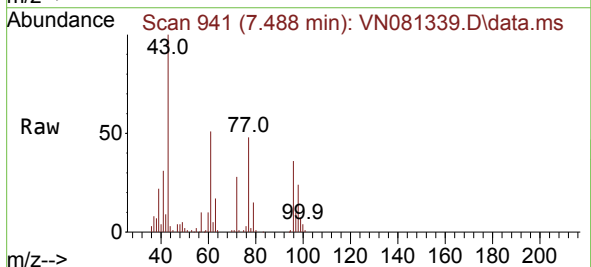
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

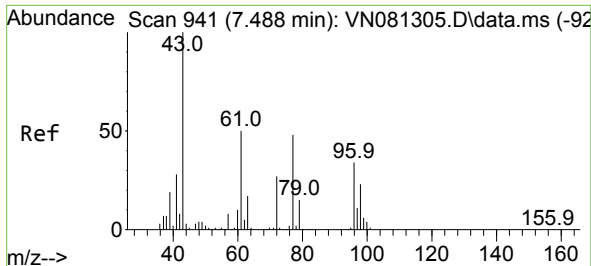
Tgt Ion: 43 Resp: 252272  
Ion Ratio Lower Upper  
43 100  
72 25.3 19.5 29.3



#26  
2,2-Dichloropropane  
Concen: 18.629 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 77 Resp: 122350  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.5 34.5

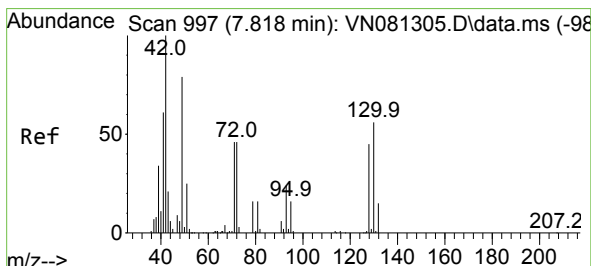
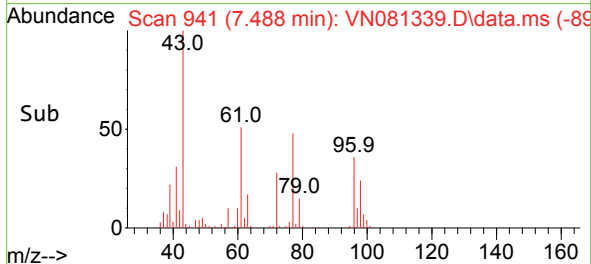
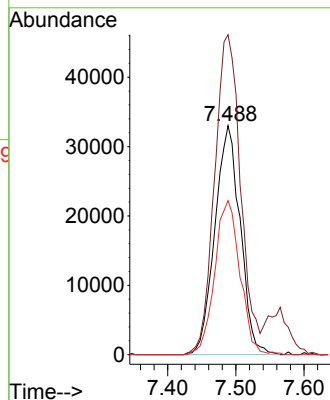
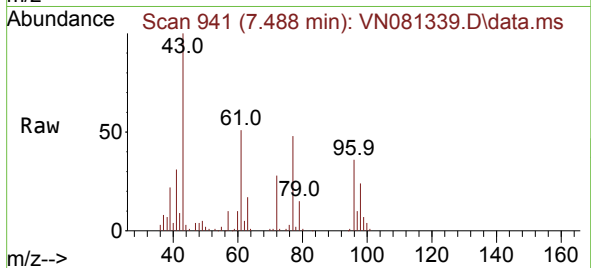




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.141 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN081339.D  
 Acq: 08 Mar 2024 11:17

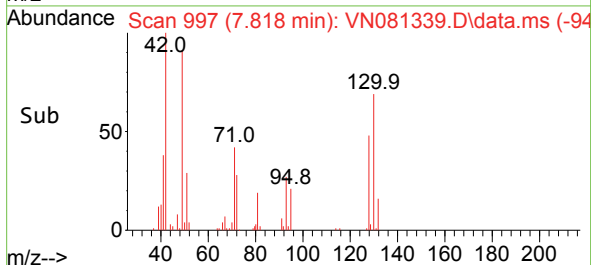
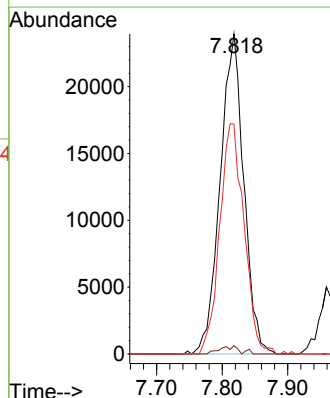
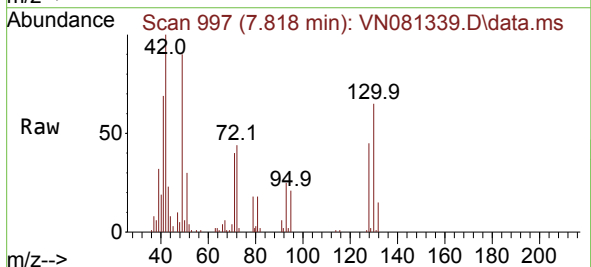
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0308WBS01

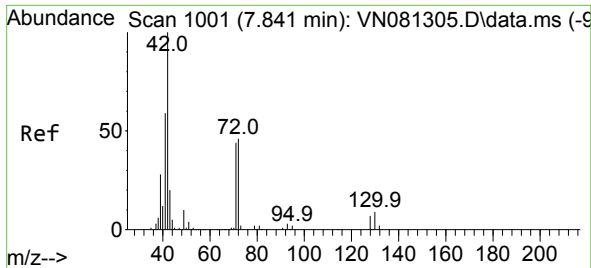
Tgt Ion: 96 Resp: 85398  
 Ion Ratio Lower Upper  
 96 100  
 61 143.4 0.0 325.4  
 98 66.8 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 18.823 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.000 min  
 Lab File: VN081339.D  
 Acq: 08 Mar 2024 11:17

Tgt Ion: 49 Resp: 59849  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 1.6#  
 130 73.9 42.3 63.5#





#29

Tetrahydrofuran

Concen: 92.263 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0308WBS01

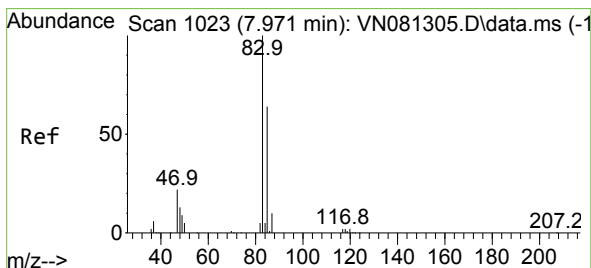
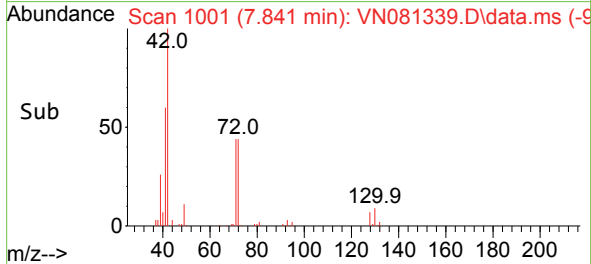
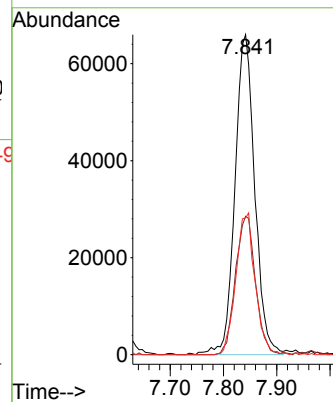
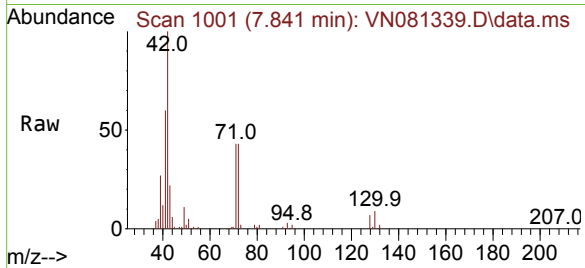
Tgt Ion: 42 Resp: 170572

Ion Ratio Lower Upper

42 100

72 43.6 31.1 46.7

71 43.0 28.3 42.5#



#30

Chloroform

Concen: 19.031 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081339.D

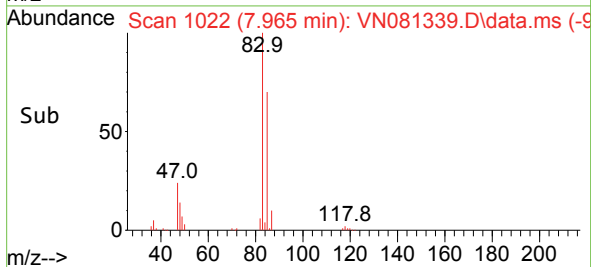
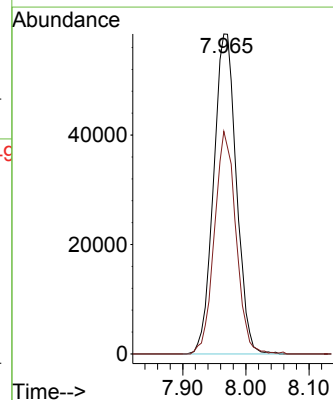
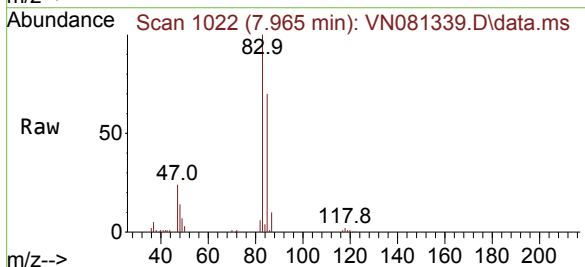
Acq: 08 Mar 2024 11:17

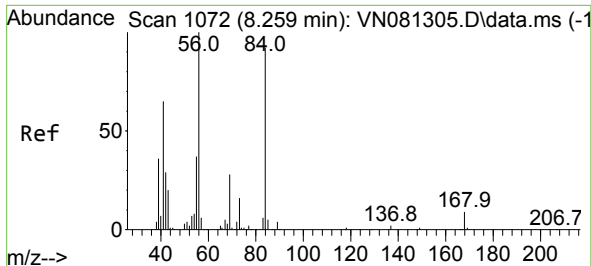
Tgt Ion: 83 Resp: 146753

Ion Ratio Lower Upper

83 100

85 69.5 51.0 76.6

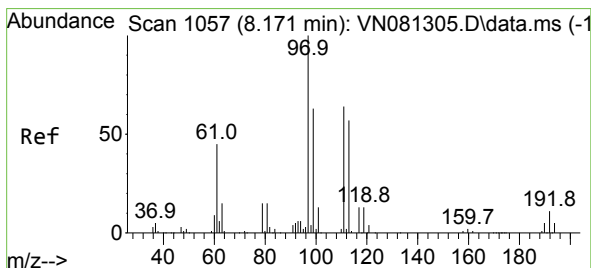
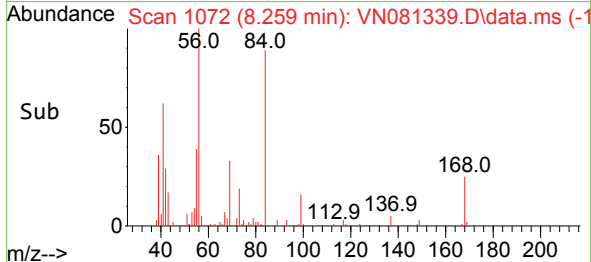
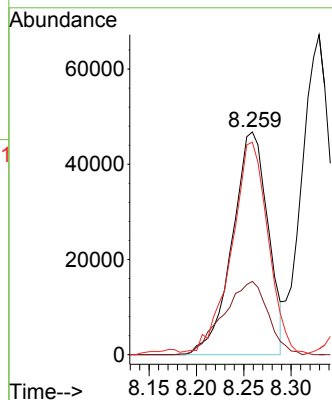
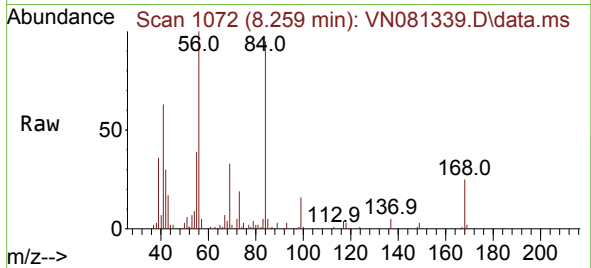




#31  
Cyclohexane  
Concen: 17.760 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

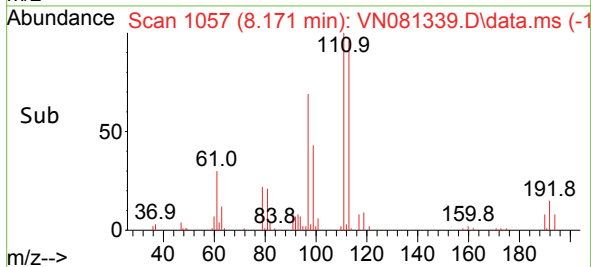
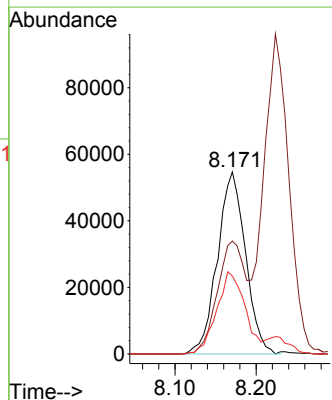
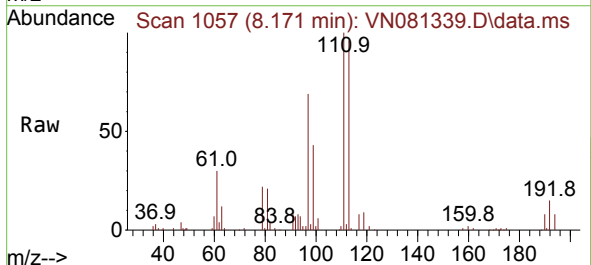
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

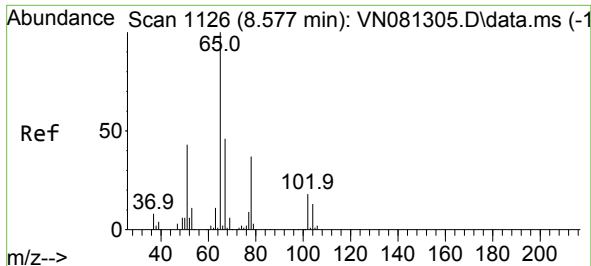
Tgt Ion: 56 Resp: 122864  
Ion Ratio Lower Upper  
56 100  
69 32.2 20.1 30.1#  
84 94.3 56.9 85.3#



#32  
1,1,1-Trichloroethane  
Concen: 19.283 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 97 Resp: 131440  
Ion Ratio Lower Upper  
97 100  
99 59.8 53.4 80.0  
61 45.6 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 50.427 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

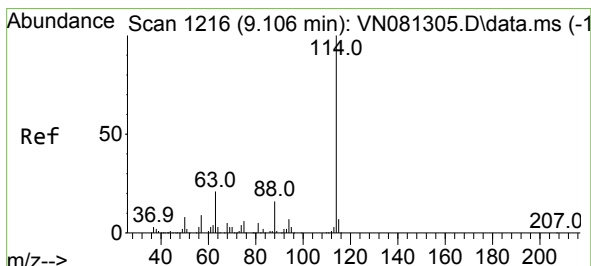
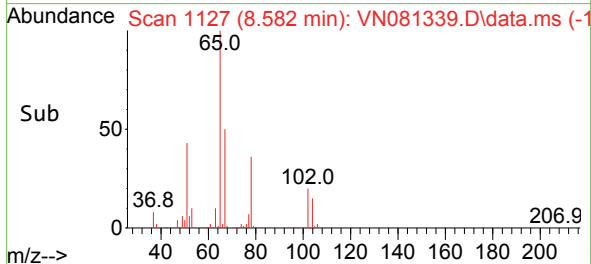
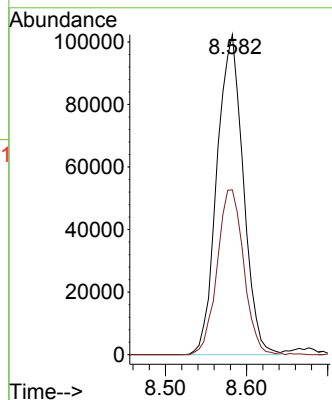
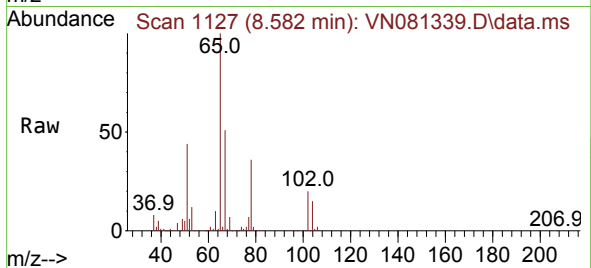
VN0308WBS01

Tgt Ion: 65 Resp: 230414

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

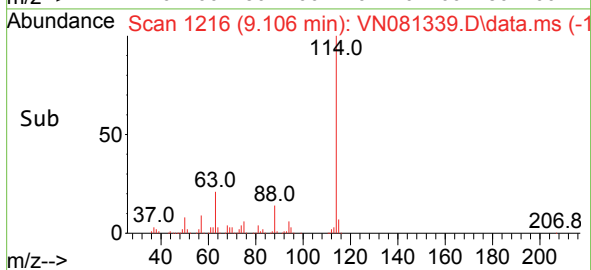
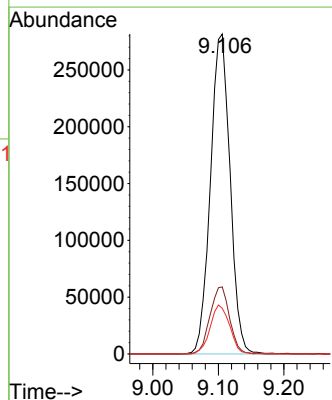
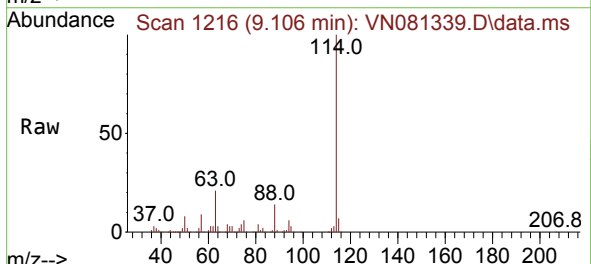
Tgt Ion: 114 Resp: 585247

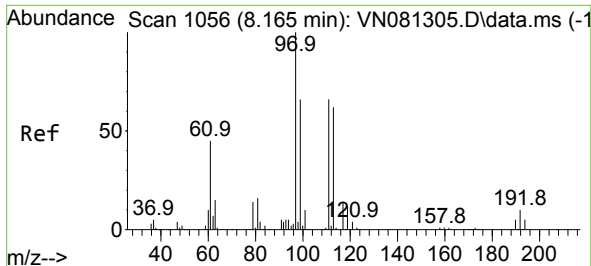
Ion Ratio Lower Upper

114 100

63 21.0 0.0 48.0

88 14.3 0.0 34.8

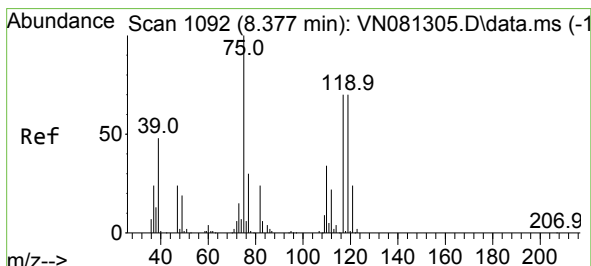
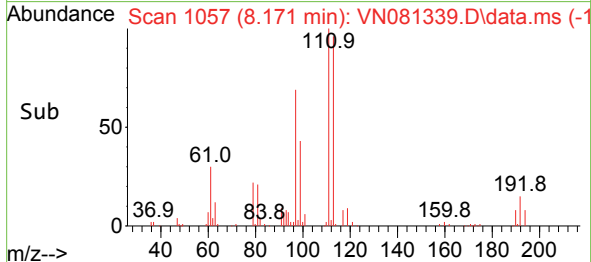
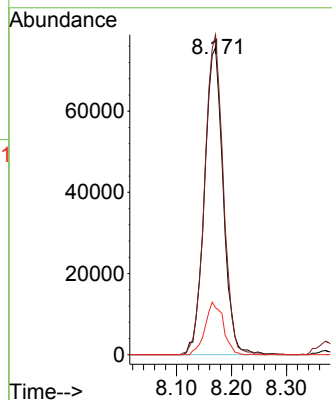
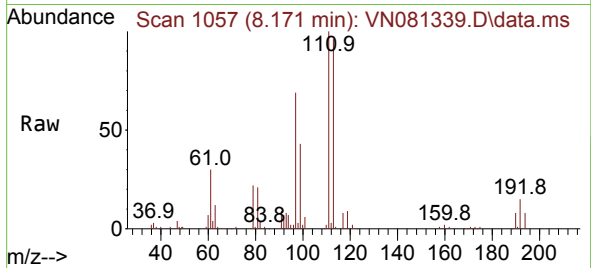




#35  
Dibromofluoromethane  
Concen: 49.957 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

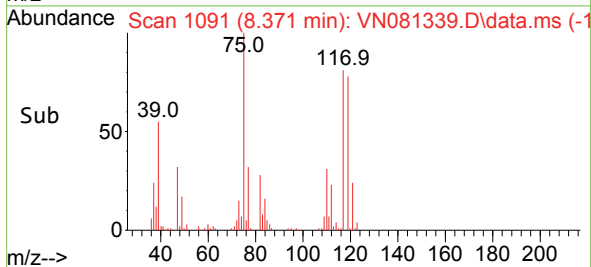
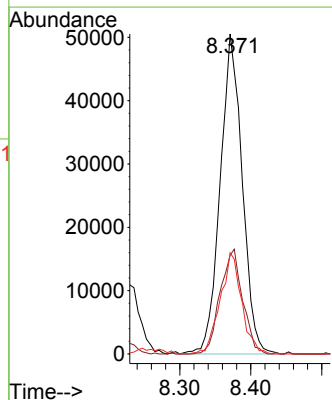
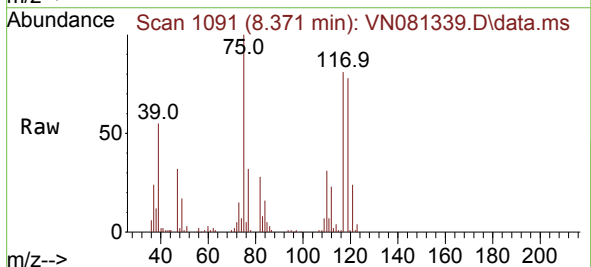
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

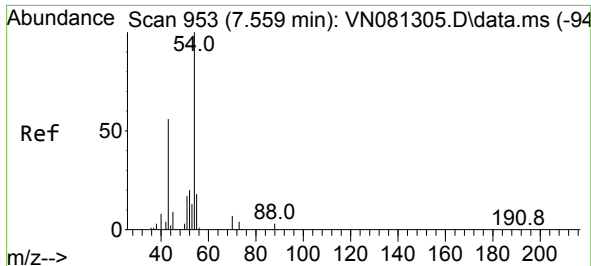
Tgt Ion:113 Resp: 179127  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.2 123.4  
192 16.6 12.5 18.7



#36  
1,1-Dichloropropene  
Concen: 18.790 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 75 Resp: 108694  
Ion Ratio Lower Upper  
75 100  
110 33.4 16.0 48.0  
77 30.8 25.8 38.6

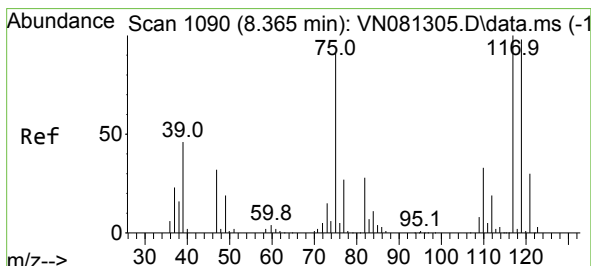
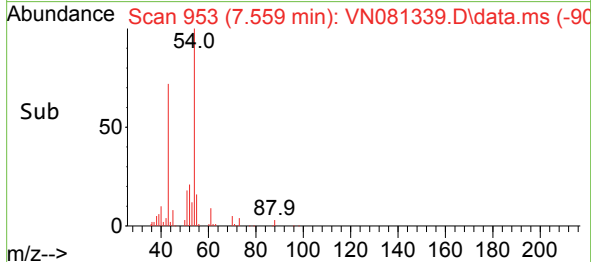
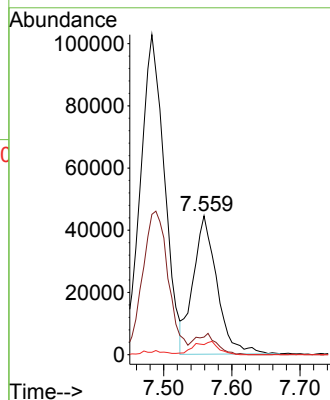
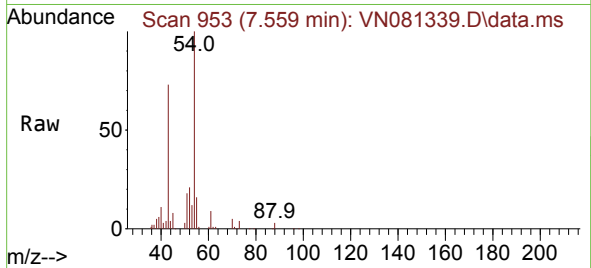




#37  
Ethyl Acetate  
Concen: 19.103 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

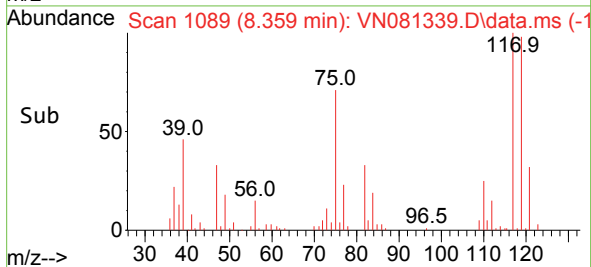
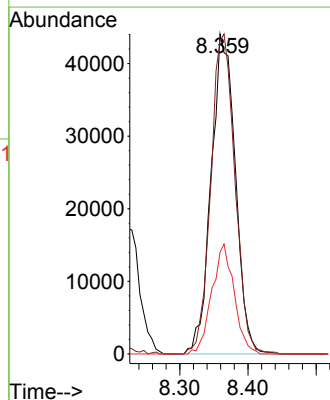
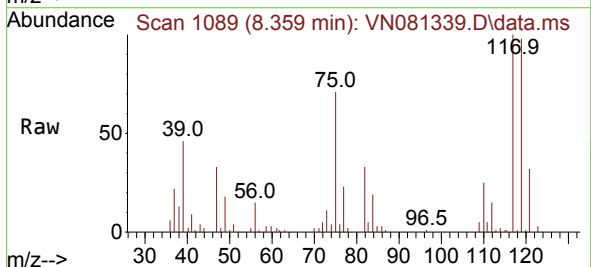
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

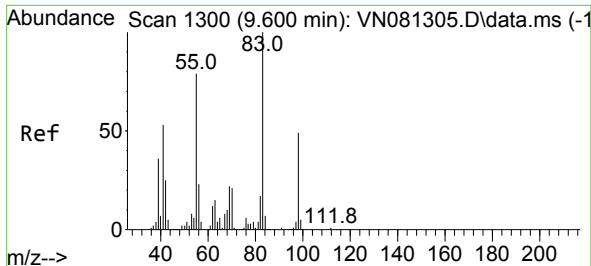
Tgt Ion: 43 Resp: 108024  
Ion Ratio Lower Upper  
43 100  
61 14.0 10.6 15.8  
70 9.7 8.0 12.0



#38  
Carbon Tetrachloride  
Concen: 18.690 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 117 Resp: 108813  
Ion Ratio Lower Upper  
117 100  
119 97.7 73.4 110.2  
121 31.8 24.4 36.6





#39

Methylcyclohexane

Concen: 18.178 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0308WBS01

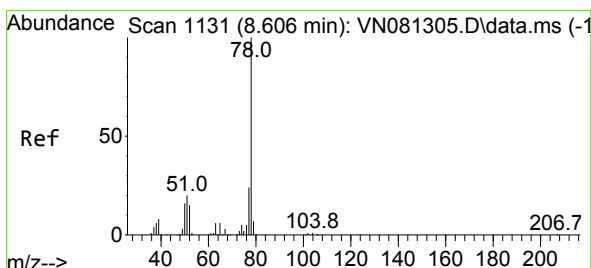
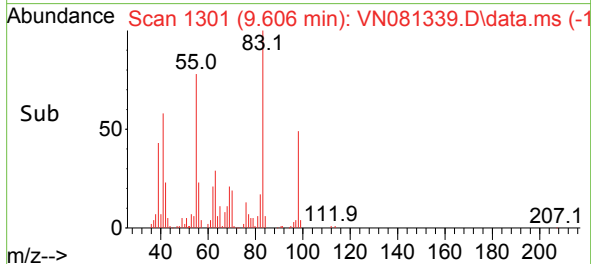
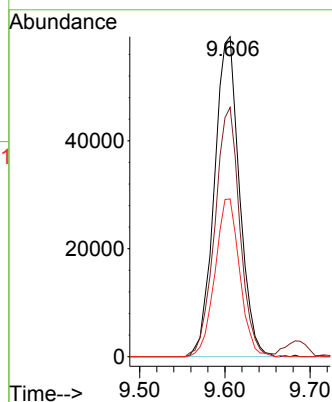
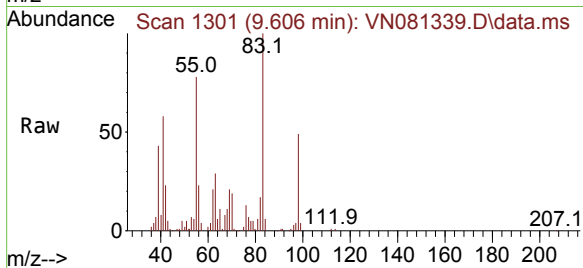
Tgt Ion: 83 Resp: 121019

Ion Ratio Lower Upper

83 100

55 77.9 65.7 98.5

98 49.3 33.8 50.6



#40

Benzene

Concen: 18.650 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081339.D

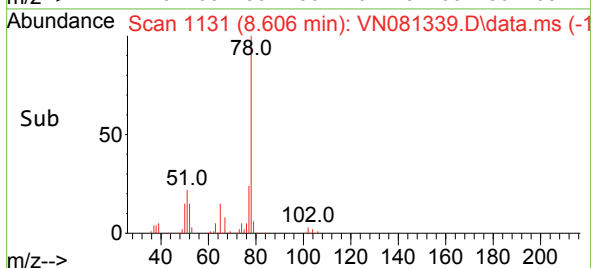
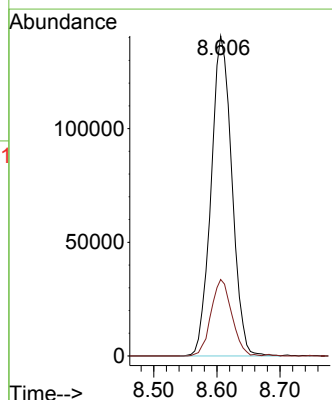
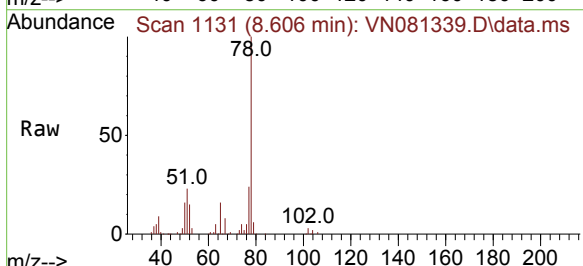
Acq: 08 Mar 2024 11:17

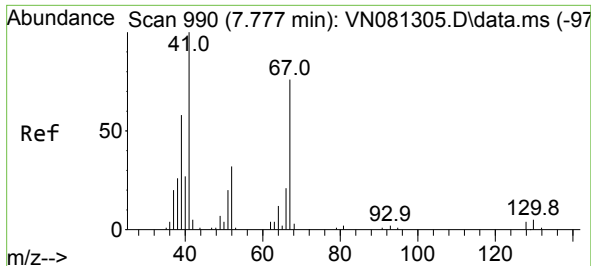
Tgt Ion: 78 Resp: 322019

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

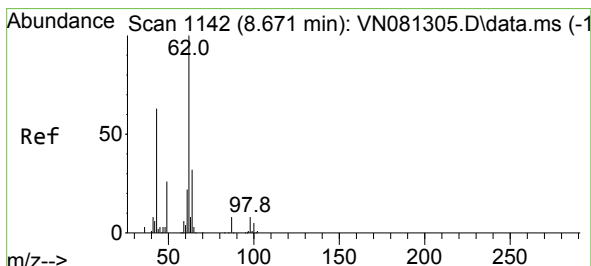
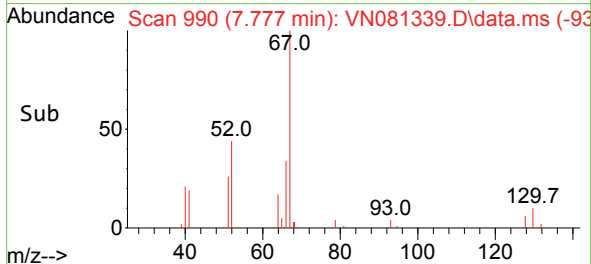
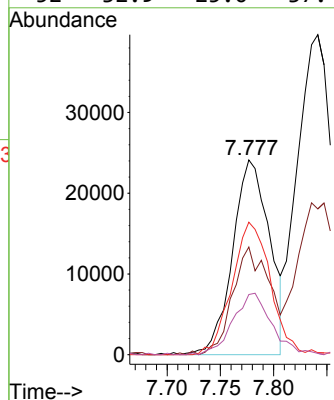
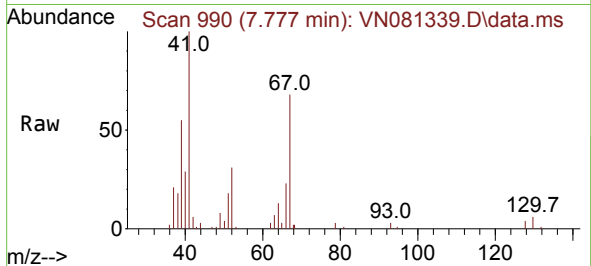




#41  
Methacrylonitrile  
Concen: 18.268 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

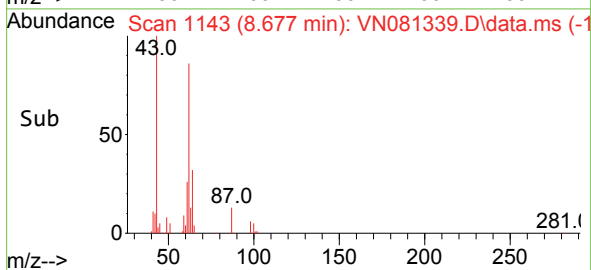
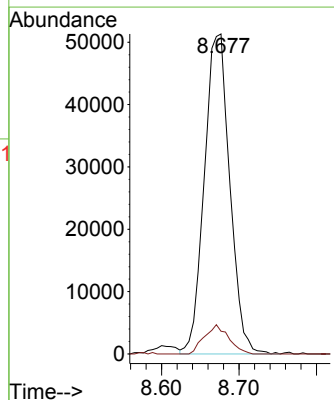
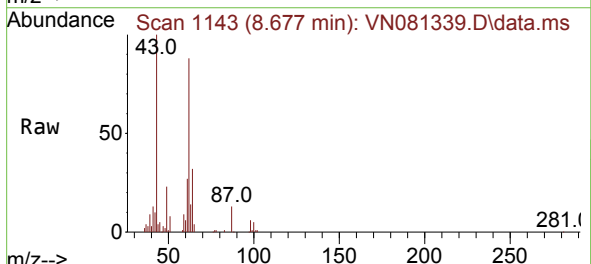
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

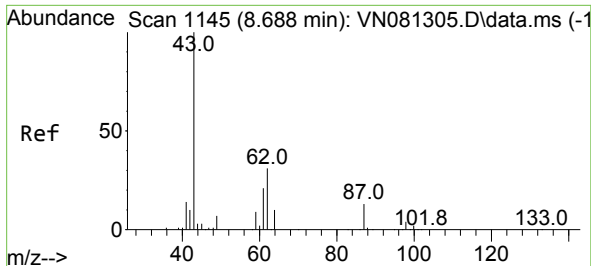
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 58335 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.4  | 48.4  | 72.6  |
| 67       | 71.0  | 56.8  | 85.2  |
| 52       | 32.9  | 25.0  | 37.4  |



#42  
1,2-Dichloroethane  
Concen: 19.259 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 117248 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.7   | 0.0   | 18.0   |

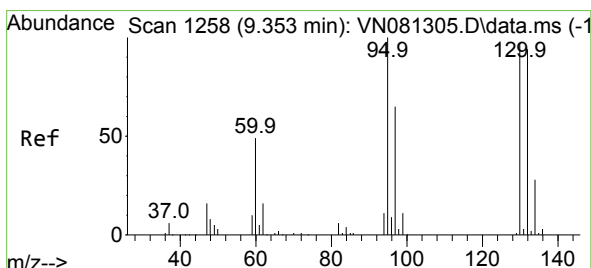
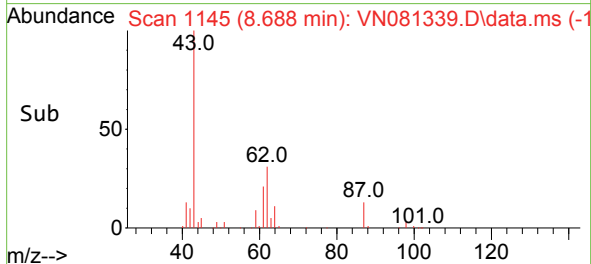
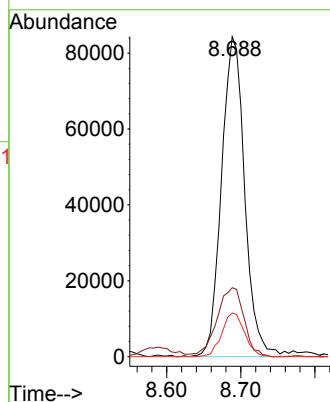
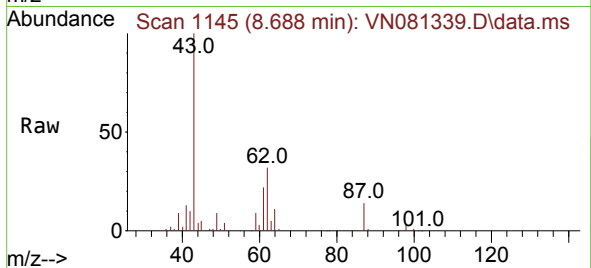




#43  
Isopropyl Acetate  
Concen: 18.459 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

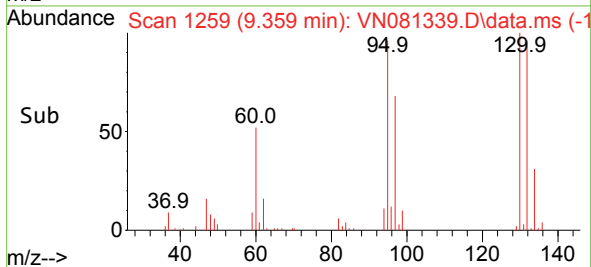
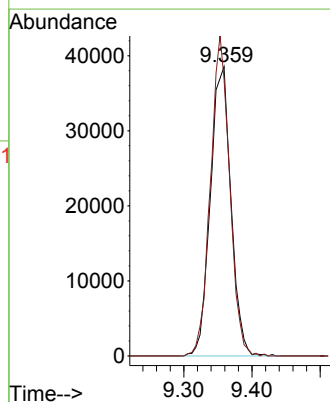
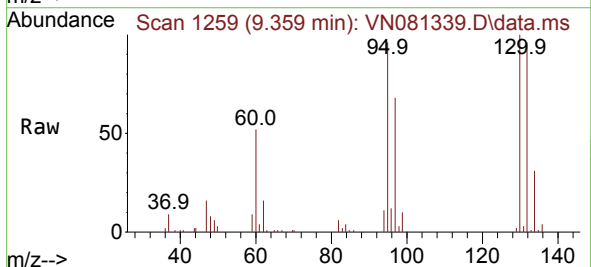
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

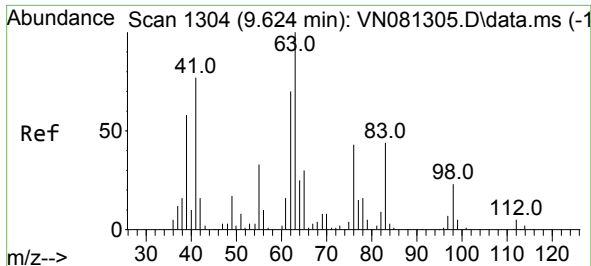
Tgt Ion: 43 Resp: 182700  
Ion Ratio Lower Upper  
43 100  
61 25.3 19.9 29.9  
87 13.4 9.0 13.6



#44  
Trichloroethene  
Concen: 18.653 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion:130 Resp: 81230  
Ion Ratio Lower Upper  
130 100  
95 95.8 0.0 210.4





#45

1,2-Dichloropropane

Concen: 18.951 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

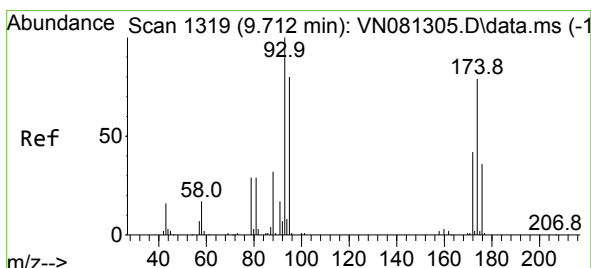
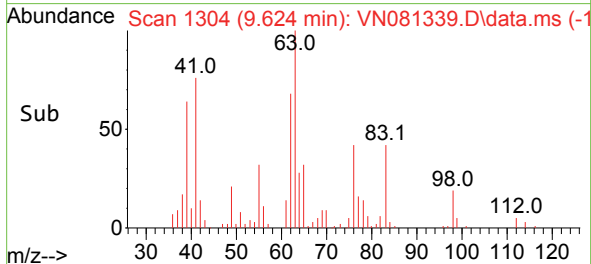
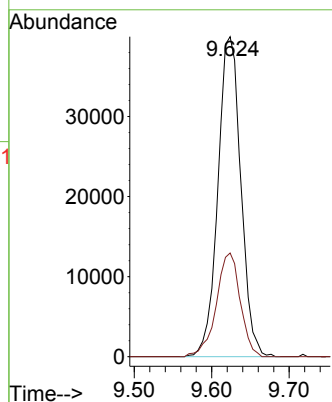
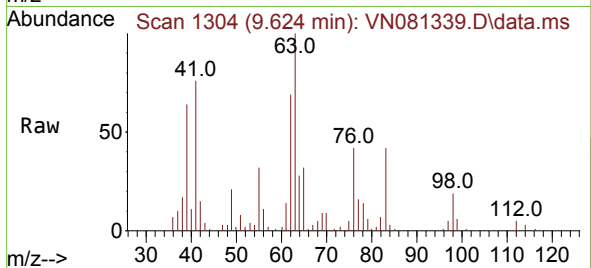
VN0308WBS01

Tgt Ion: 63 Resp: 82201

Ion Ratio Lower Upper

63 100

65 32.4 26.1 39.1



#46

Dibromomethane

Concen: 18.695 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

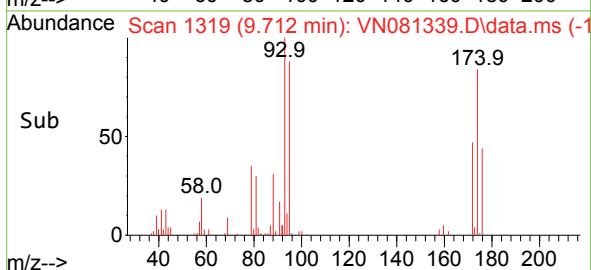
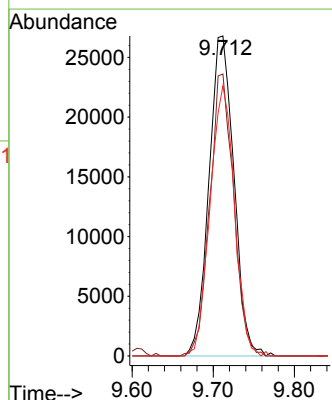
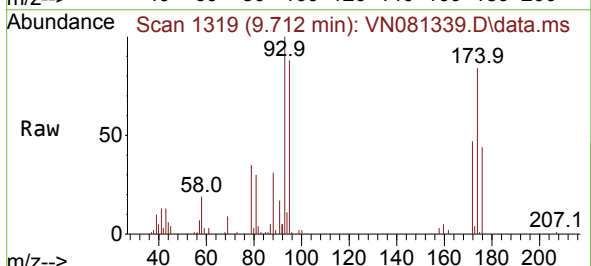
Tgt Ion: 93 Resp: 57158

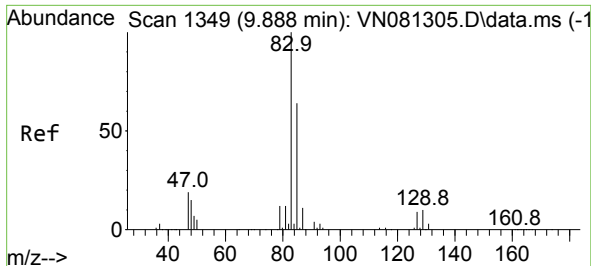
Ion Ratio Lower Upper

93 100

95 84.4 68.1 102.1

174 82.5 57.2 85.8

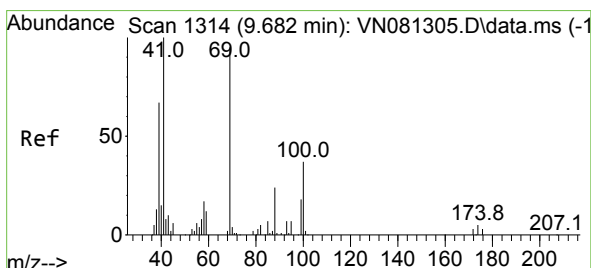
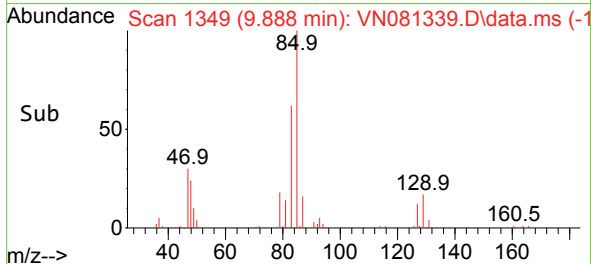
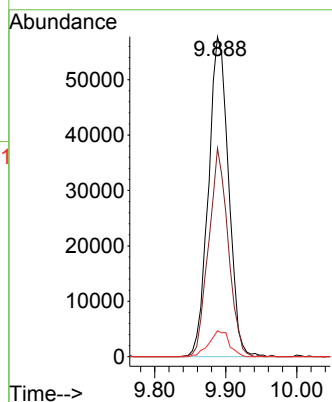
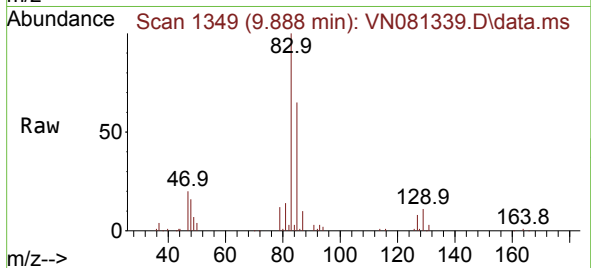




#47  
Bromodichloromethane  
Concen: 19.125 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

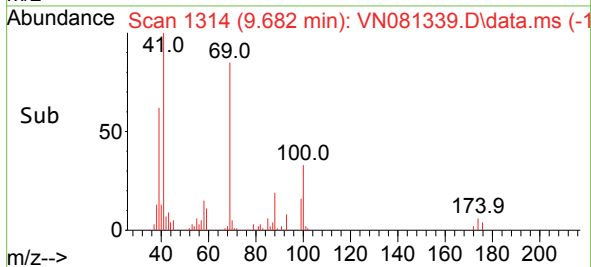
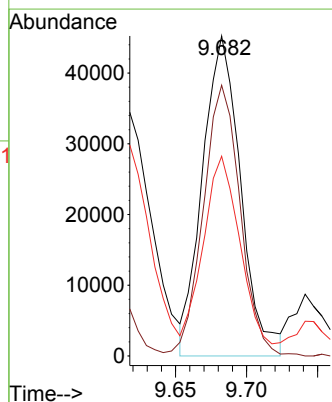
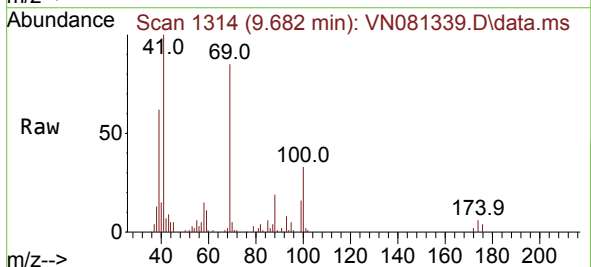
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

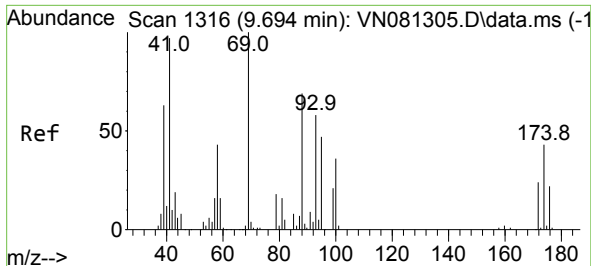
Tgt Ion: 83 Resp: 113510  
Ion Ratio Lower Upper  
83 100  
85 65.2 52.3 78.5  
127 8.1 4.6 7.0#



#48  
Methyl methacrylate  
Concen: 19.308 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 41 Resp: 84471  
Ion Ratio Lower Upper  
41 100  
69 82.2 62.2 93.2  
39 61.8 47.6 71.4

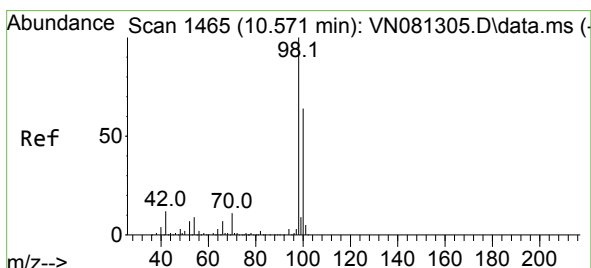
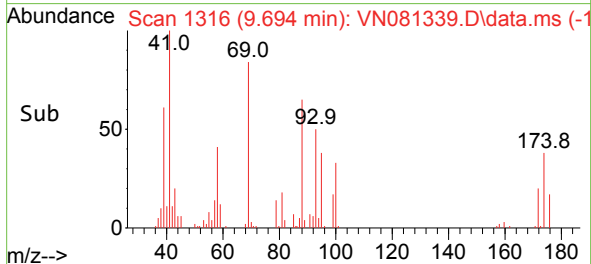
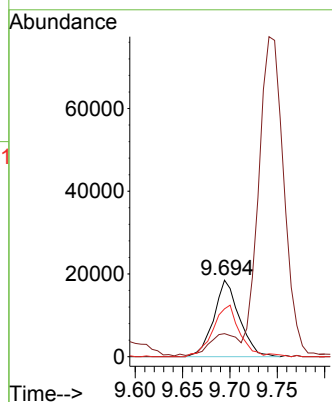
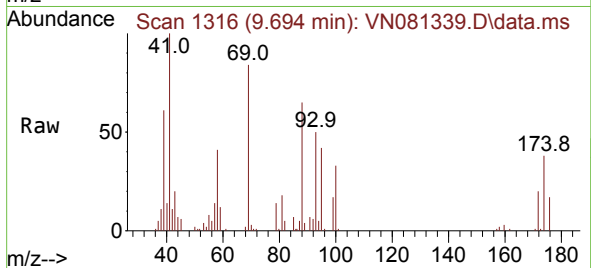




#49  
1,4-Dioxane  
Concen: 358.354 ug/l  
RT: 9.694 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

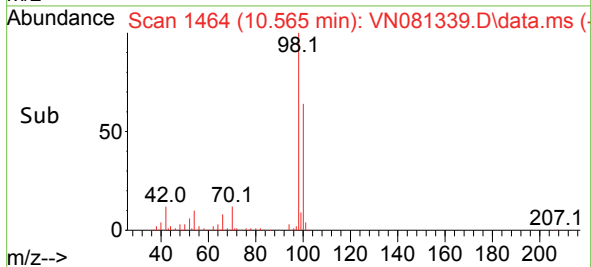
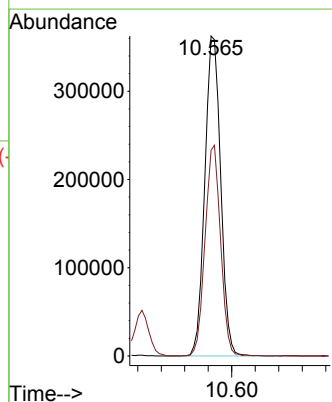
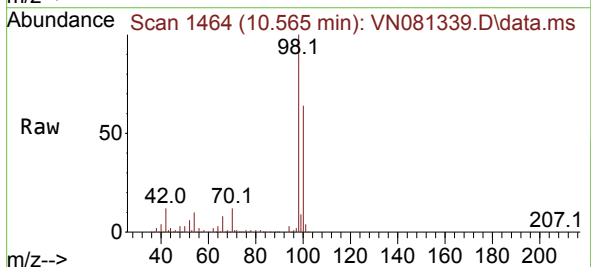
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

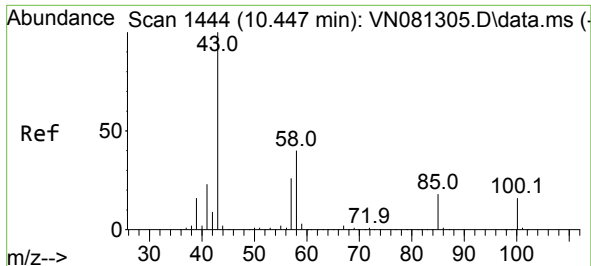
Tgt Ion: 88 Resp: 34555  
Ion Ratio Lower Upper  
88 100  
43 34.0 30.1 45.1  
58 71.2 63.9 95.9



#50  
Toluene-d8  
Concen: 50.556 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 98 Resp: 677646  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 94.810 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

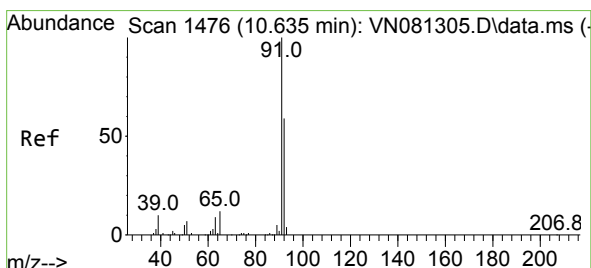
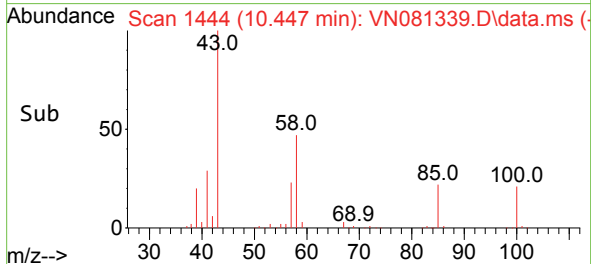
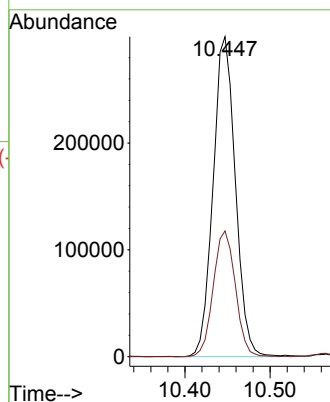
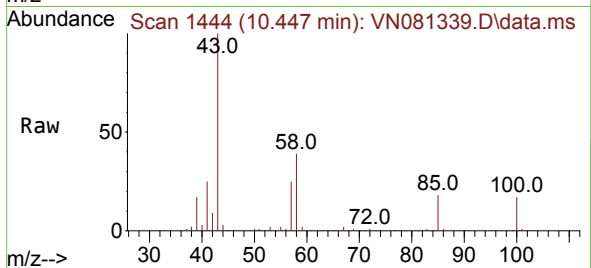
VN0308WBS01

Tgt Ion: 43 Resp: 544864

Ion Ratio Lower Upper

43 100

58 39.0 29.4 44.0



#52

Toluene

Concen: 19.273 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN081339.D

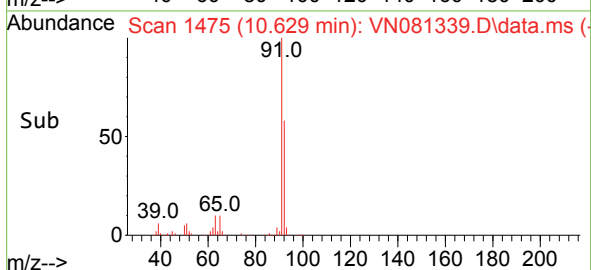
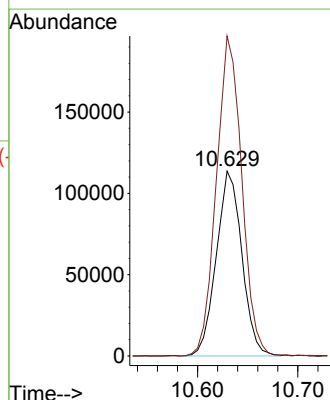
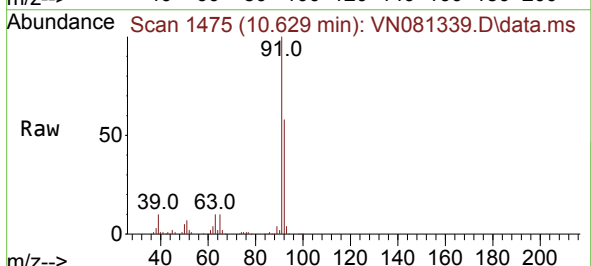
Acq: 08 Mar 2024 11:17

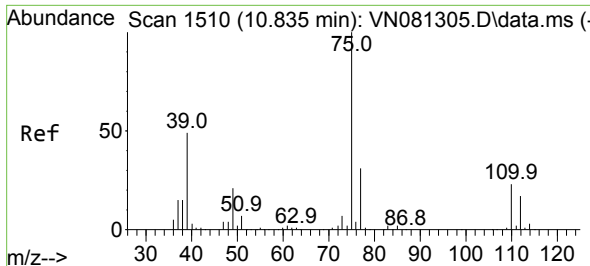
Tgt Ion: 92 Resp: 201022

Ion Ratio Lower Upper

92 100

91 172.1 139.4 209.0

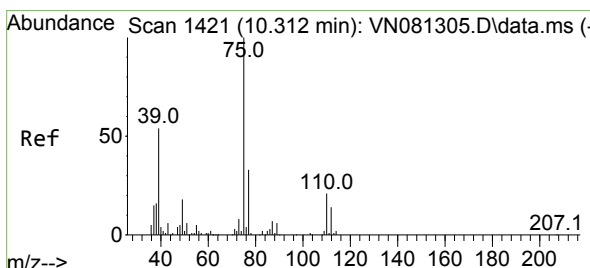
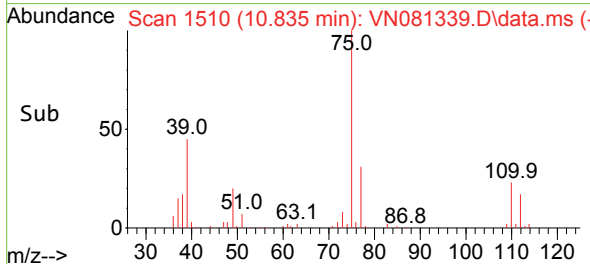
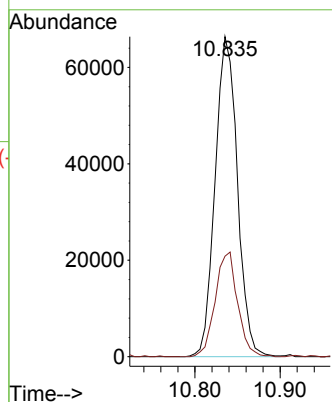
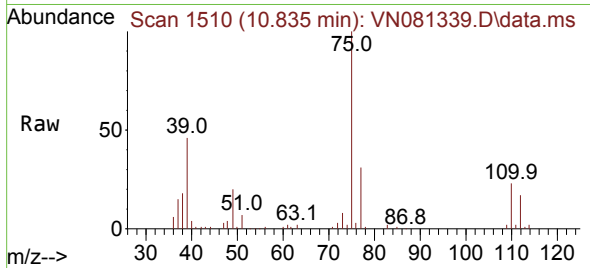




#53  
 t-1,3-Dichloropropene  
 Concen: 18.768 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN081339.D  
 Acq: 08 Mar 2024 11:17

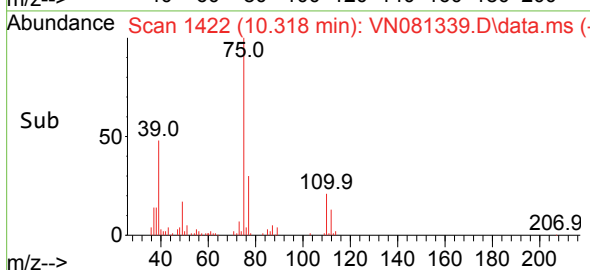
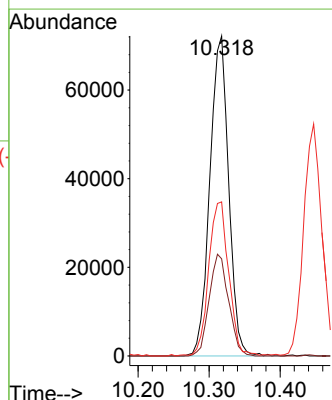
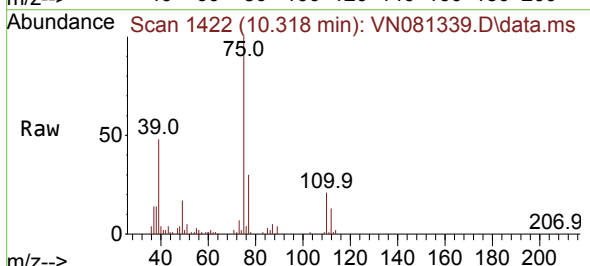
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0308WBS01

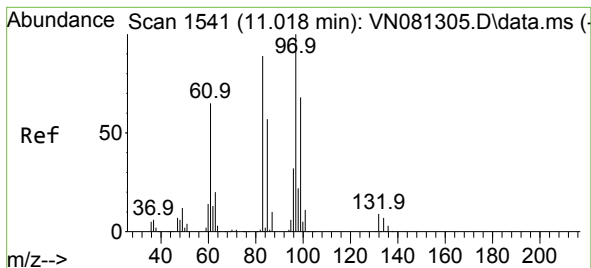
Tgt Ion: 75 Resp: 120525  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.5 38.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.140 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. 0.006 min  
 Lab File: VN081339.D  
 Acq: 08 Mar 2024 11:17

Tgt Ion: 75 Resp: 132686  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 23.3 34.9  
 39 47.9 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 18.812 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0308WBS01

Tgt Ion: 97 Resp: 77811

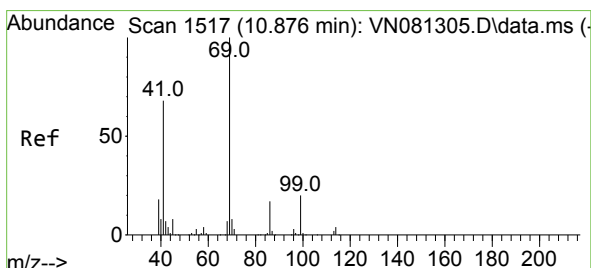
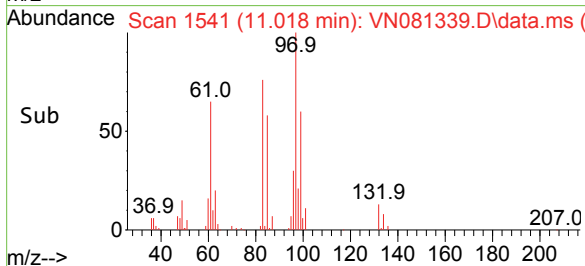
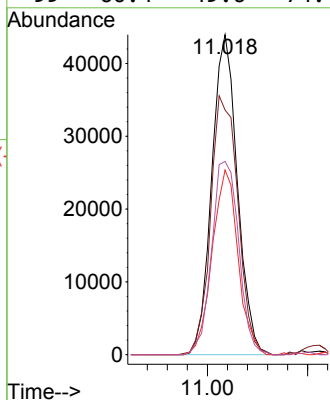
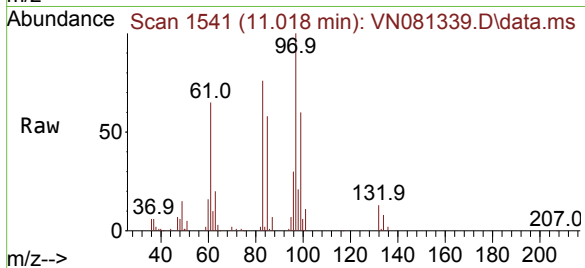
Ion Ratio Lower Upper

97 100

83 76.4 72.9 109.3

85 57.7 50.2 75.2

99 60.4 49.6 74.4



#56

Ethyl methacrylate

Concen: 19.543 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

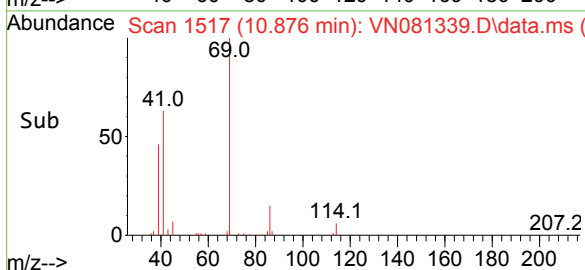
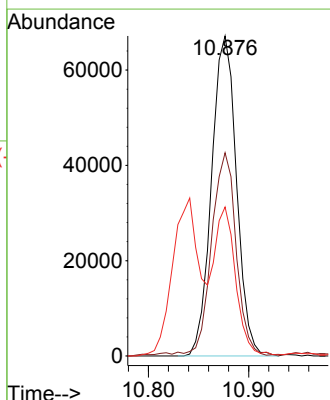
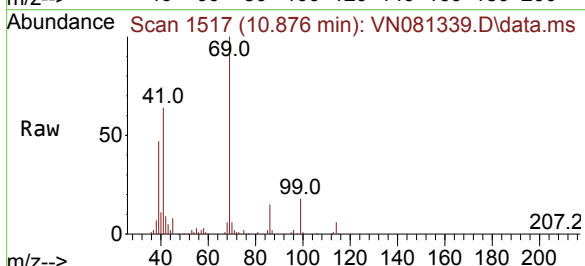
Tgt Ion: 69 Resp: 116072

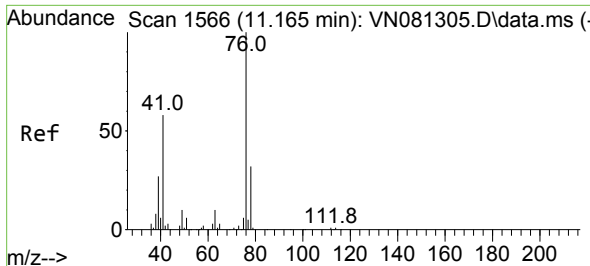
Ion Ratio Lower Upper

69 100

41 61.8 61.0 91.6

39 39.2 31.8 47.6





#57

1,3-Dichloropropane

Concen: 19.312 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

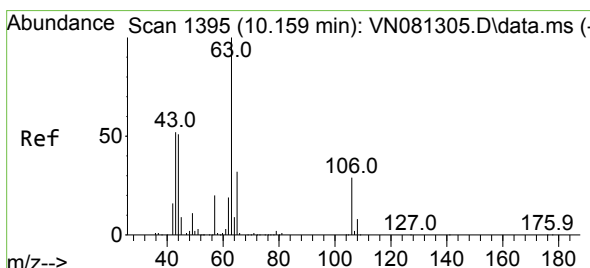
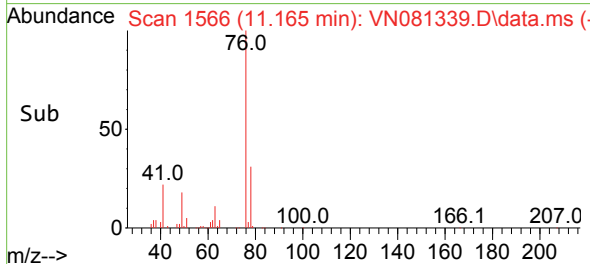
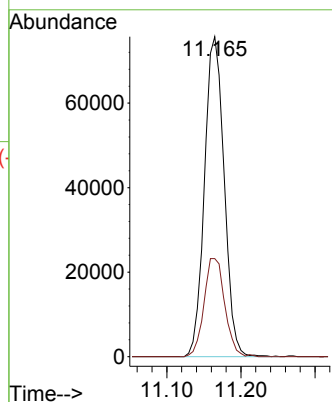
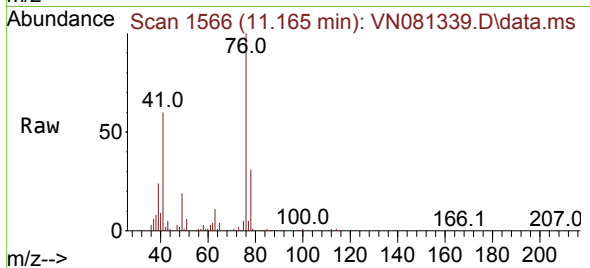
VN0308WBS01

Tgt Ion: 76 Resp: 139412

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 94.970 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081339.D

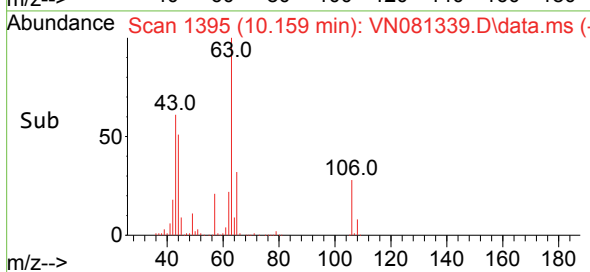
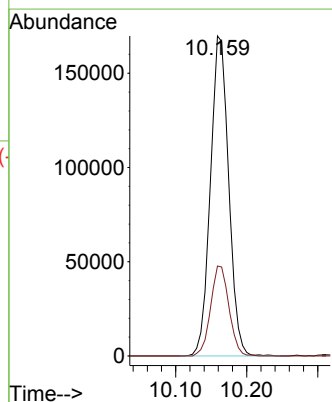
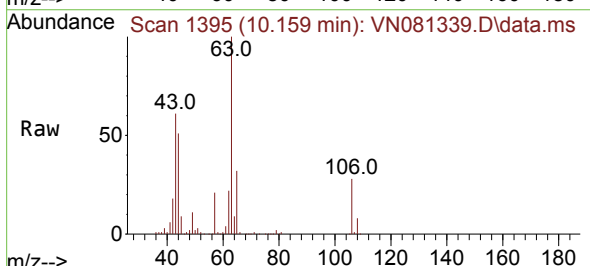
Acq: 08 Mar 2024 11:17

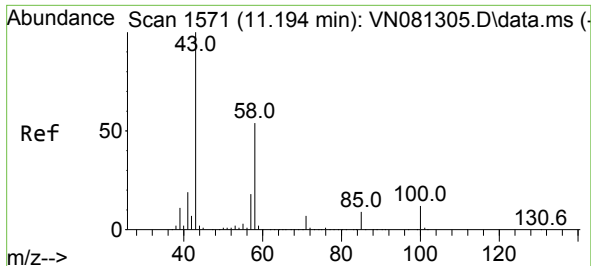
Tgt Ion: 63 Resp: 303412

Ion Ratio Lower Upper

63 100

106 28.2 18.6 28.0#

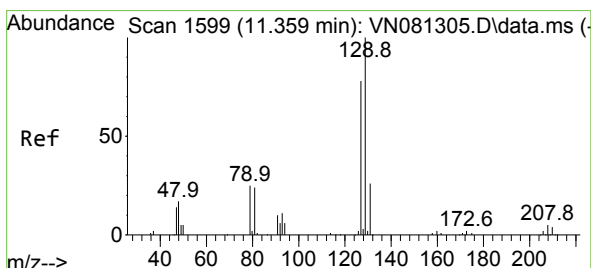
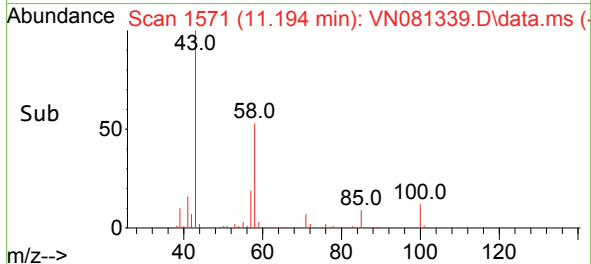
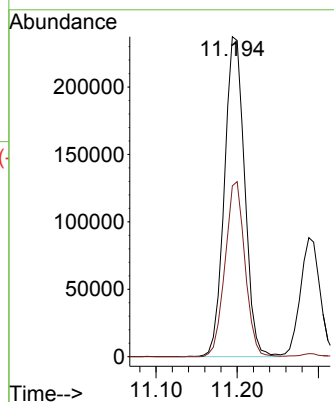
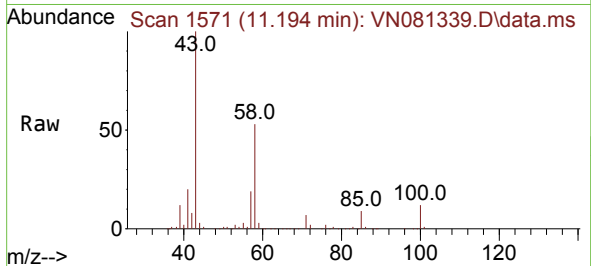




#59  
2-Hexanone  
Concen: 95.735 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

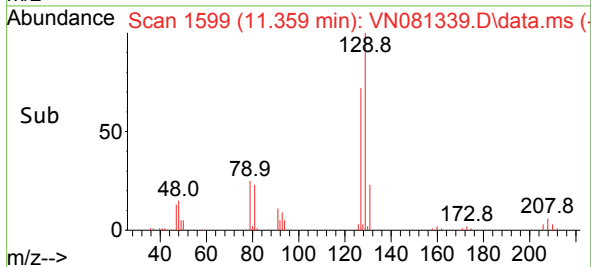
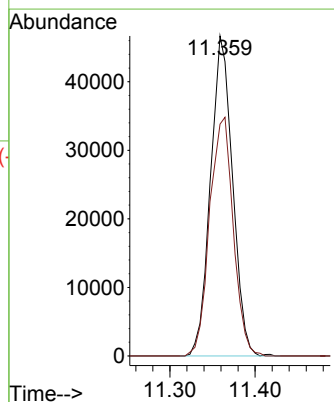
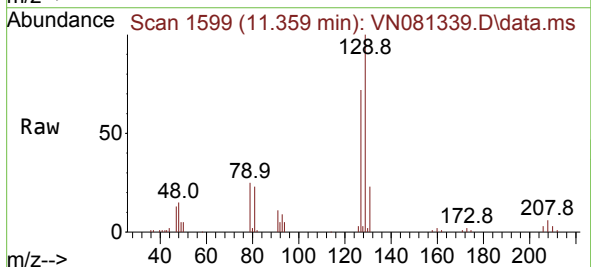
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

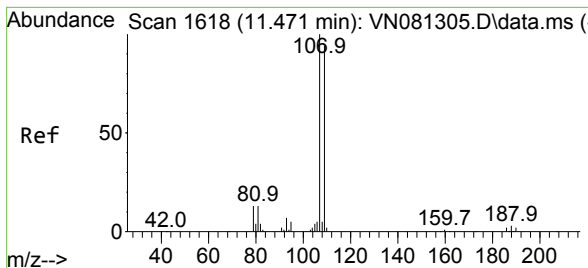
Tgt Ion: 43 Resp: 411307  
Ion Ratio Lower Upper  
43 100  
58 53.8 25.9 77.8



#60  
Dibromochloromethane  
Concen: 19.684 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 129 Resp: 83849  
Ion Ratio Lower Upper  
129 100  
127 79.9 39.4 118.2

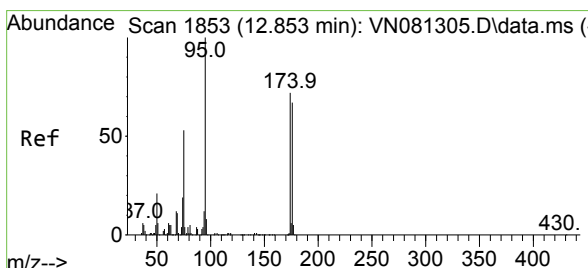
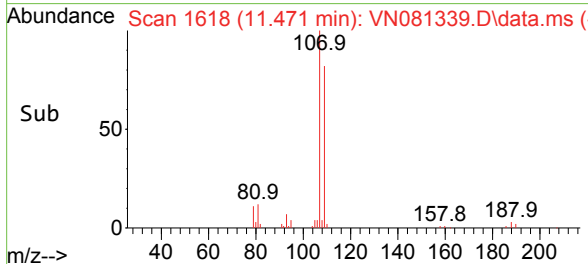
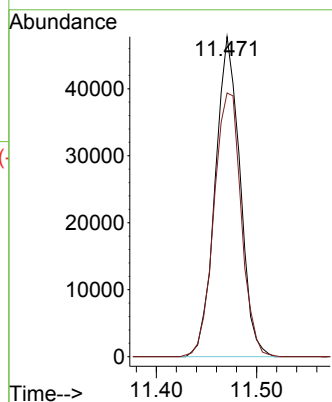
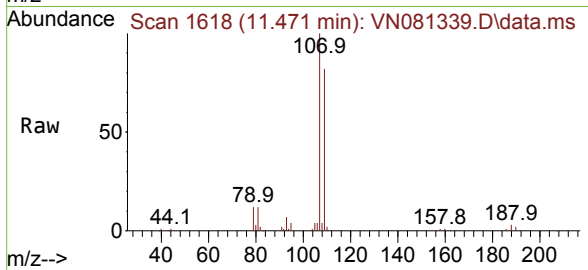




#61  
1,2-Dibromoethane  
Concen: 19.099 ug/l  
RT: 11.471 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

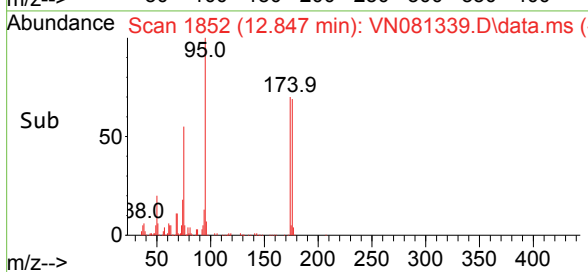
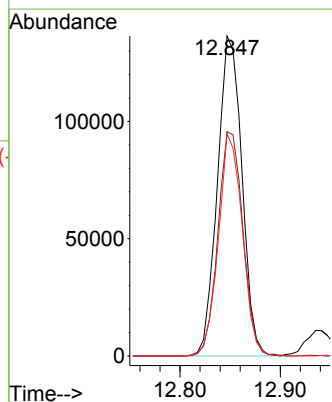
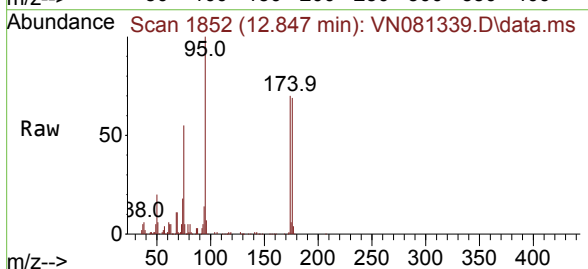
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

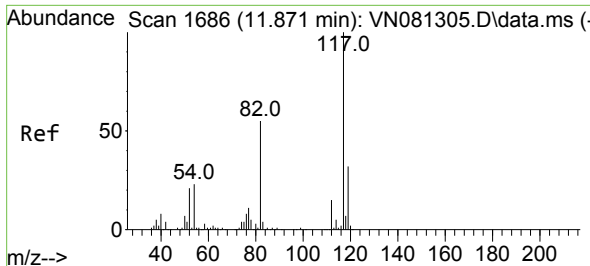
Tgt Ion:107 Resp: 81968  
Ion Ratio Lower Upper  
107 100  
109 90.7 73.4 110.2



#62  
4-Bromofluorobenzene  
Concen: 48.905 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 95 Resp: 231683  
Ion Ratio Lower Upper  
95 100  
174 71.4 0.0 120.4  
176 67.6 0.0 121.0

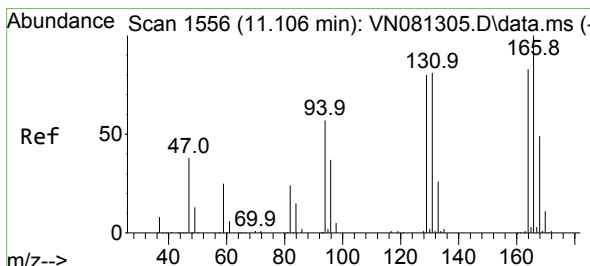
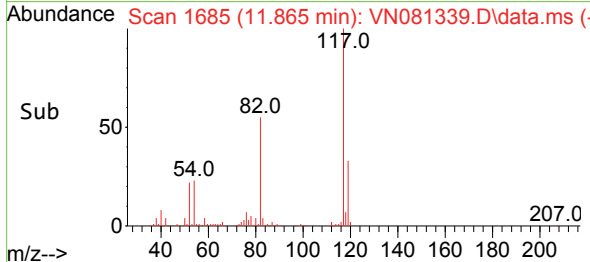
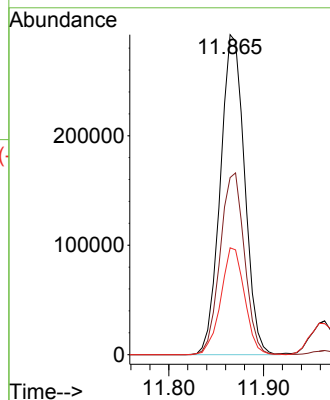
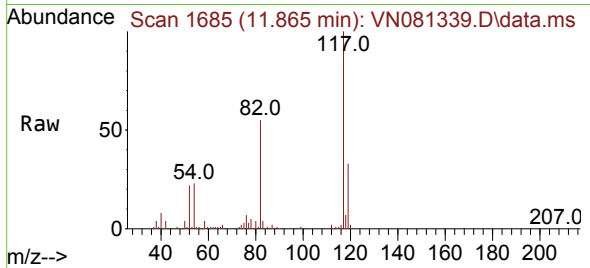




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

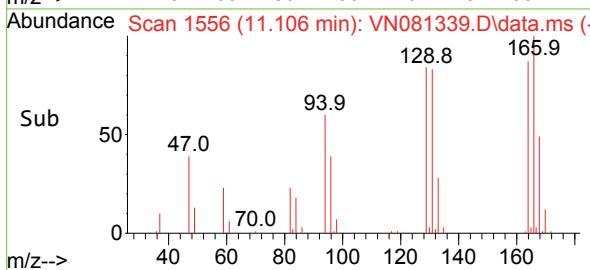
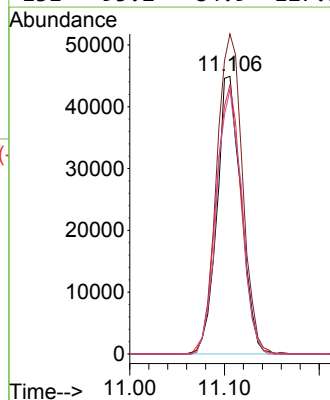
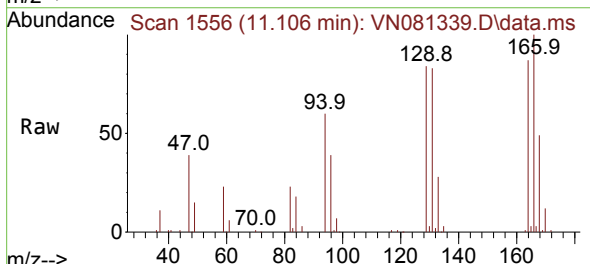
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

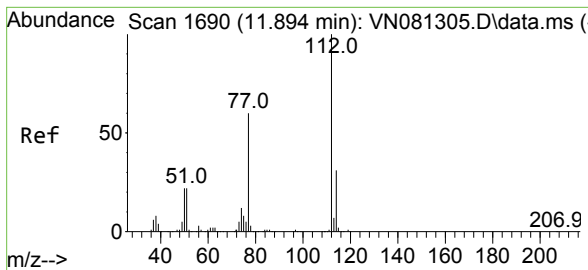
|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:117 | Resp: 520764 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 117 100     |              |       |  |
| 82 55.4     | 52.7         | 79.1  |  |
| 119 33.4    | 25.3         | 37.9  |  |



#64  
Tetrachloroethene  
Concen: 19.535 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:164 | Resp: | 79657 |
| Ion | Ratio   | Lower | Upper |
| 164 | 100     |       |       |
| 166 | 115.3   | 105.8 | 158.6 |
| 129 | 96.9    | 89.6  | 134.4 |
| 131 | 95.2    | 84.9  | 127.3 |

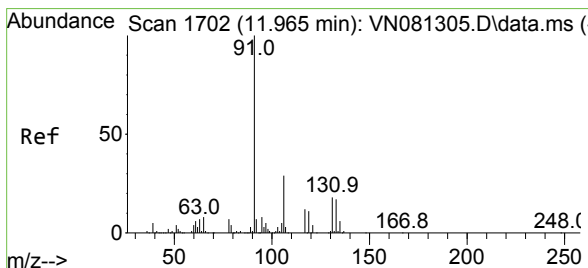
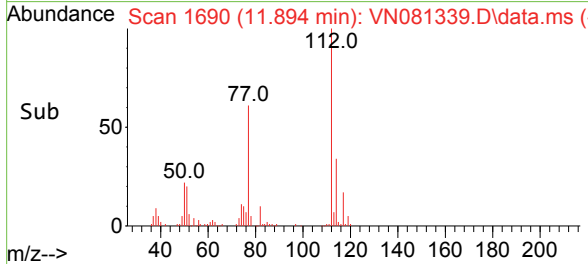
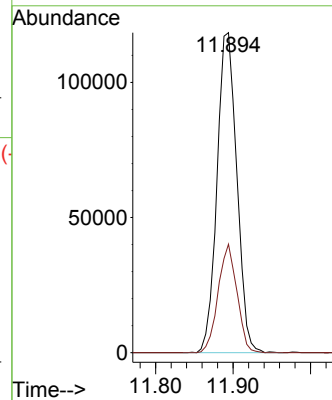
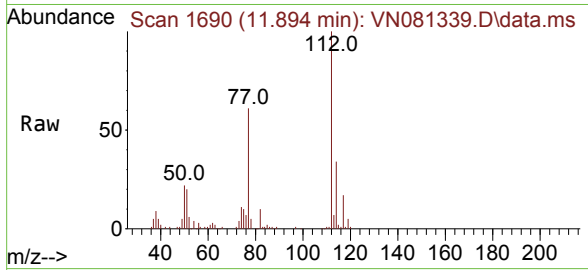




#65  
Chlorobenzene  
Concen: 19.200 ug/l  
RT: 11.894 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

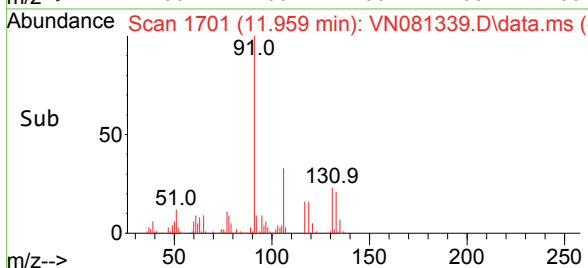
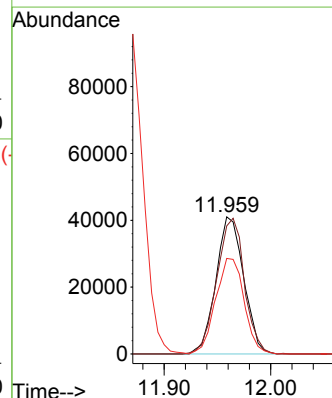
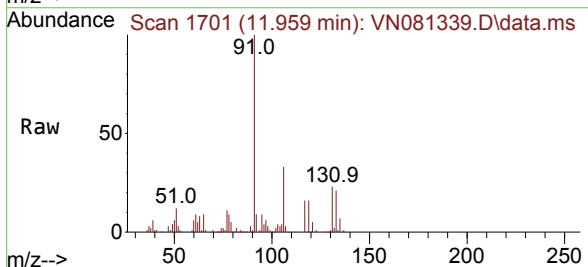
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

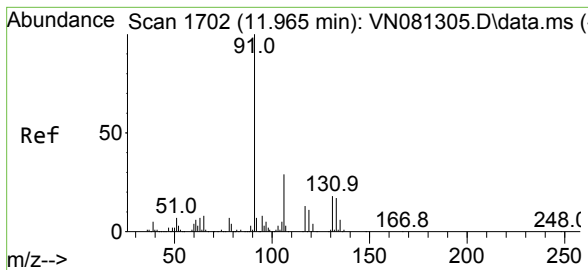
Tgt Ion:112 Resp: 210700  
Ion Ratio Lower Upper  
112 100  
114 33.9 23.7 35.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.513 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion:131 Resp: 74341  
Ion Ratio Lower Upper  
131 100  
133 98.5 46.8 140.3  
119 71.2 34.6 103.9

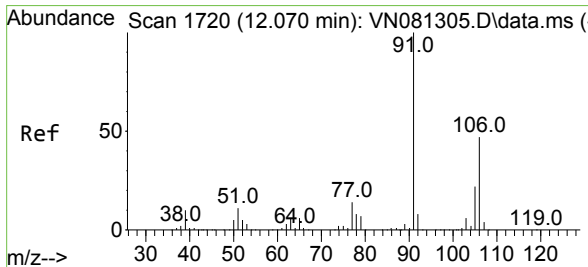
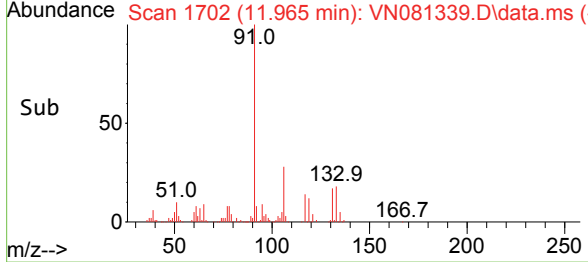
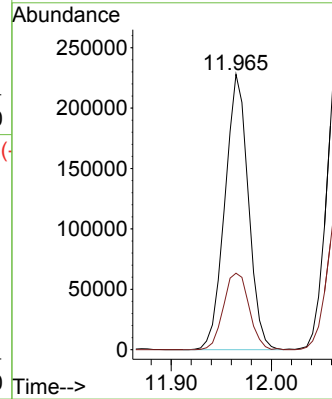
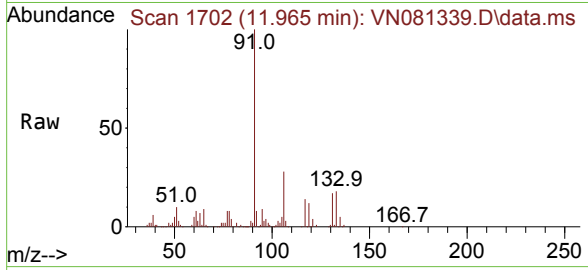




#67  
Ethyl Benzene  
Concen: 18.729 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

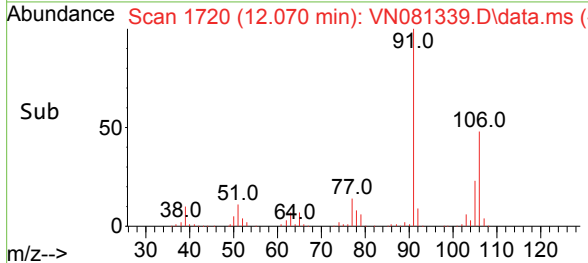
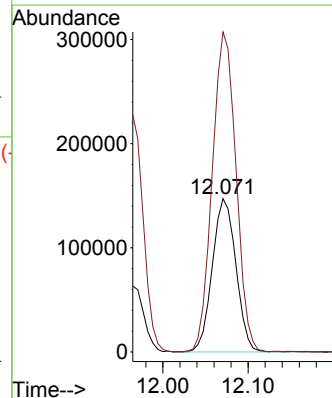
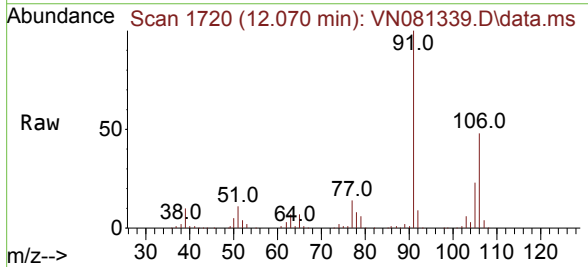
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

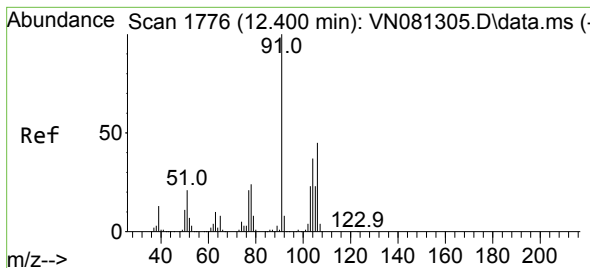
Tgt Ion: 91 Resp: 370235  
Ion Ratio Lower Upper  
91 100  
106 27.8 23.8 35.6



#68  
m/p-Xylenes  
Concen: 38.084 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 106 Resp: 283320  
Ion Ratio Lower Upper  
106 100  
91 209.7 169.0 253.6

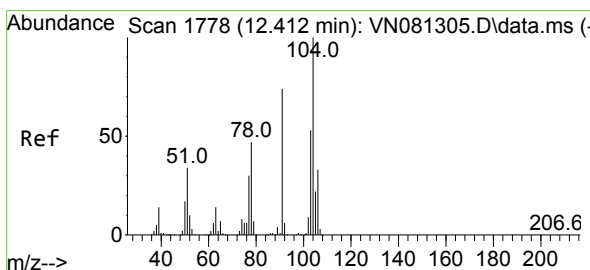
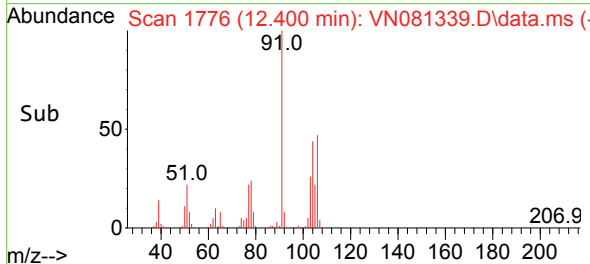
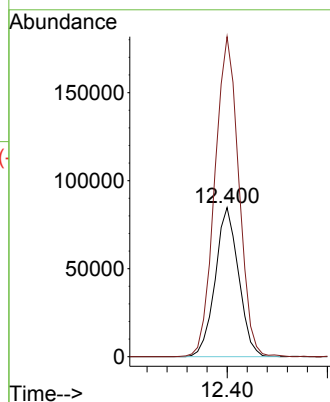
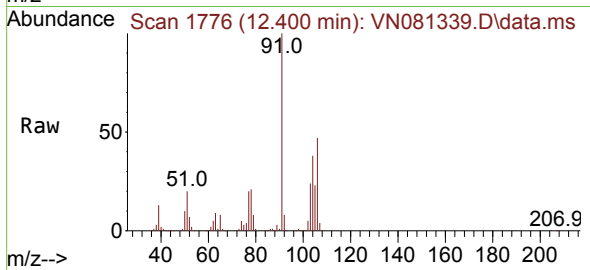




#69  
o-Xylene  
Concen: 18.994 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

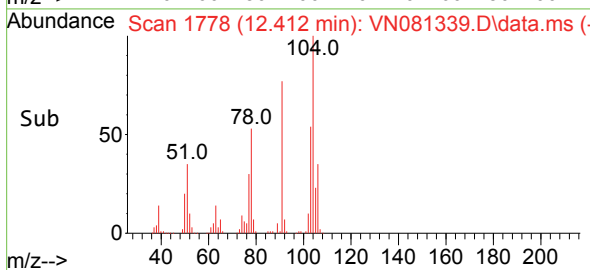
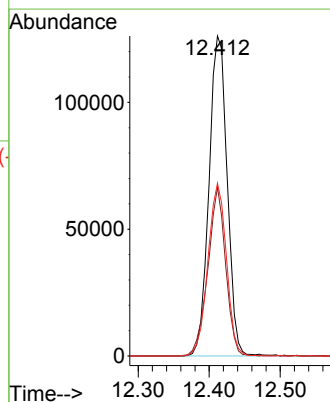
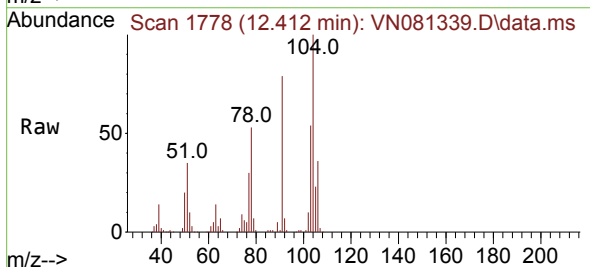
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

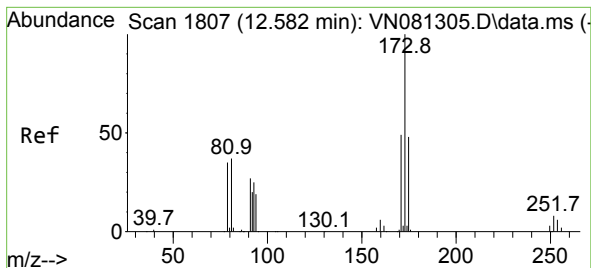
Tgt Ion:106 Resp: 136942  
Ion Ratio Lower Upper  
106 100  
91 221.0 112.1 336.3



#70  
Styrene  
Concen: 19.683 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion:104 Resp: 224897  
Ion Ratio Lower Upper  
104 100  
78 51.3 43.8 65.8  
103 54.9 44.2 66.2





#71

Bromoform

Concen: 18.884 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0308WBS01

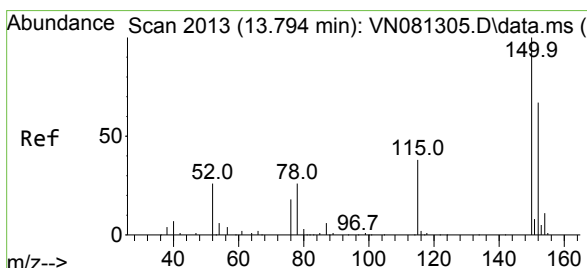
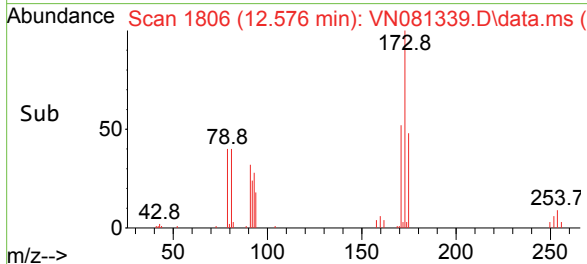
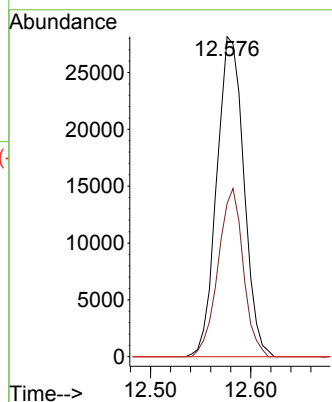
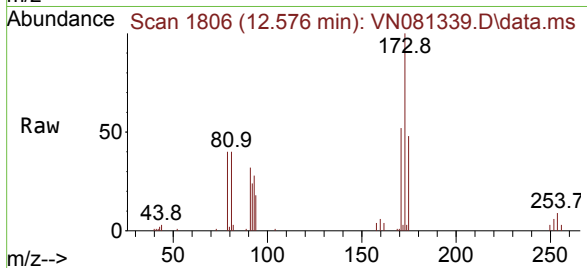
Tgt Ion:173 Resp: 52645

Ion Ratio Lower Upper

173 100

175 49.0 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

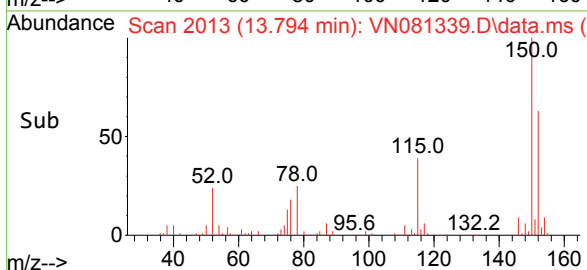
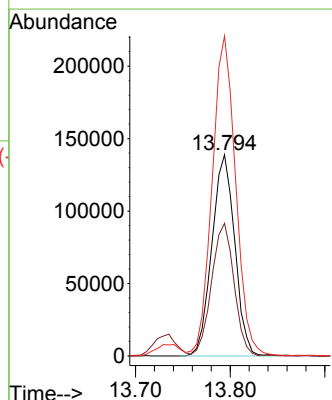
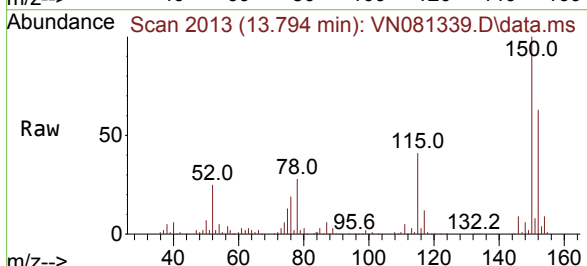
Tgt Ion:152 Resp: 232980

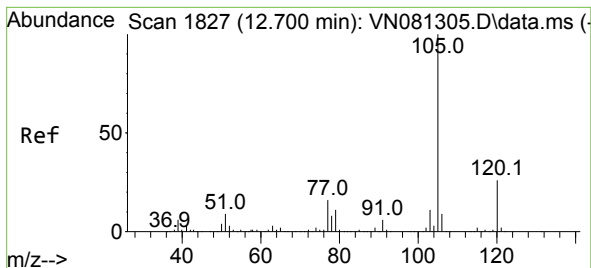
Ion Ratio Lower Upper

152 100

115 64.9 32.3 96.8

150 163.0 0.0 339.8





#73

Isopropylbenzene

Concen: 19.114 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

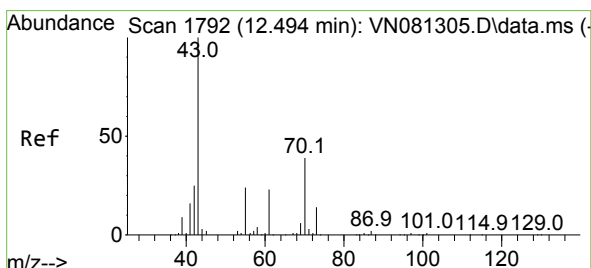
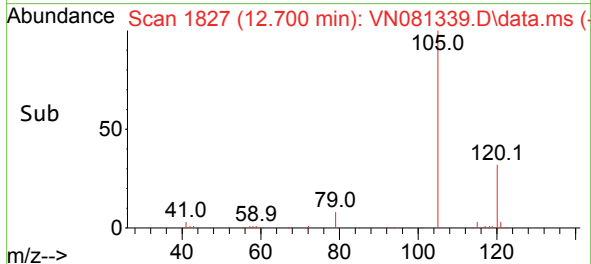
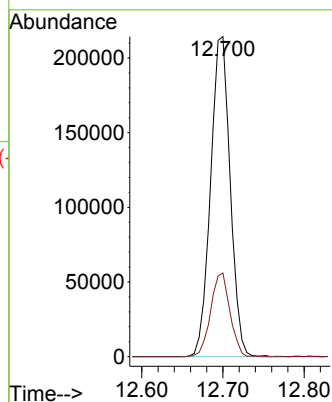
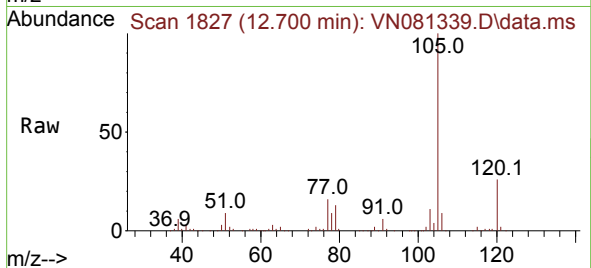
VN0308WBS01

Tgt Ion:105 Resp: 359597

Ion Ratio Lower Upper

105 100

120 25.7 12.6 37.6



#74

N-ethyl acetate

Concen: 18.842 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Tgt Ion: 43 Resp: 148738

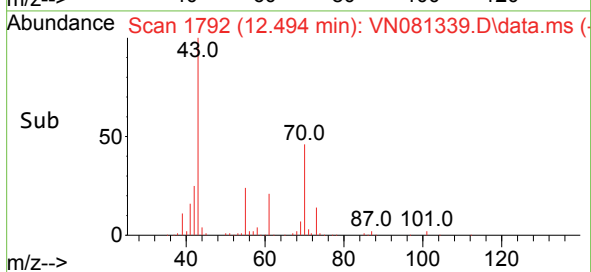
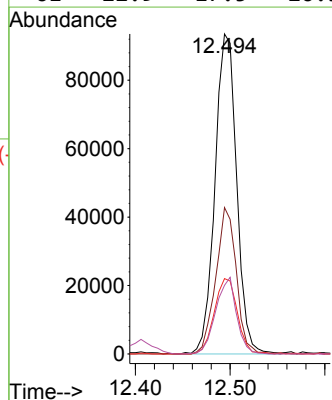
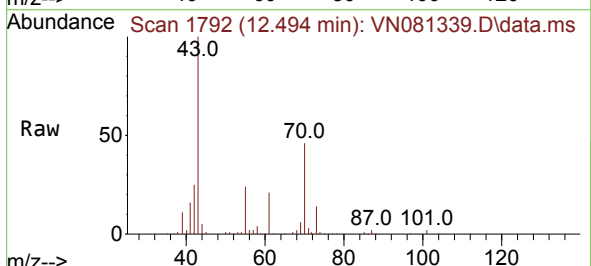
Ion Ratio Lower Upper

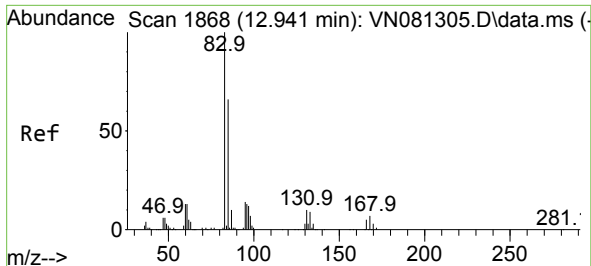
43 100

70 43.5 30.1 45.1

55 25.0 17.0 25.4

61 22.9 17.5 26.3

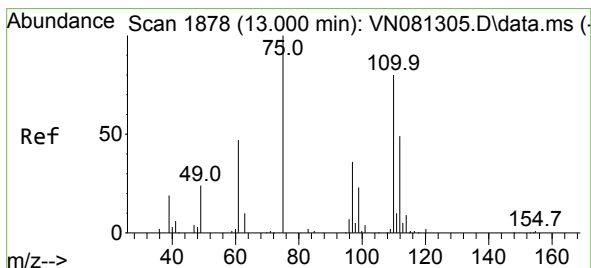
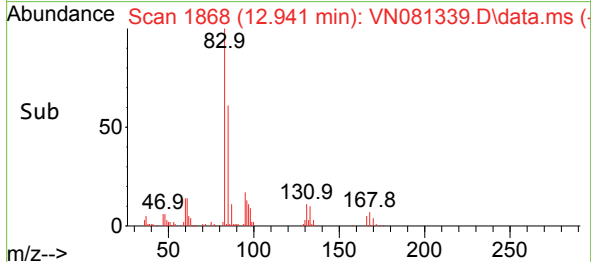
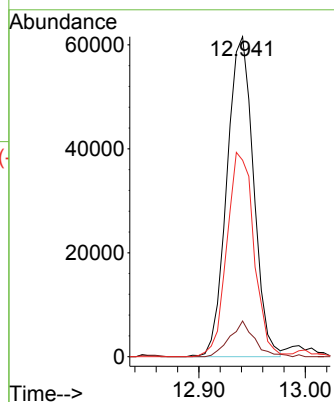
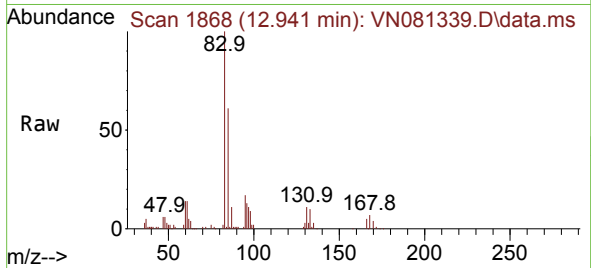




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.422 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

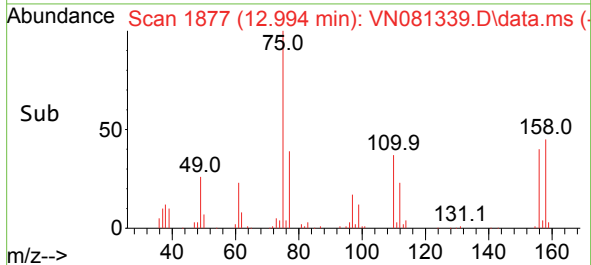
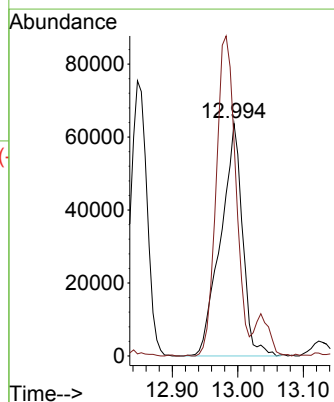
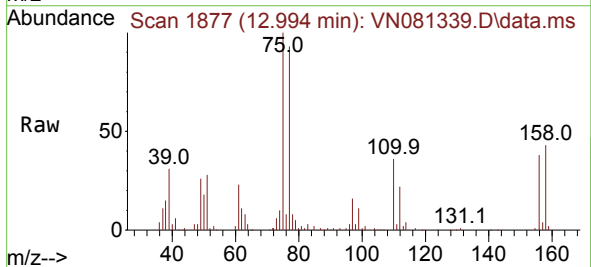
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

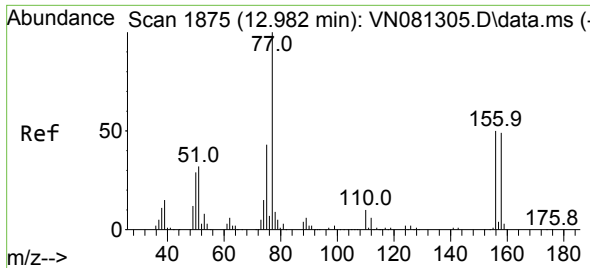
Tgt Ion: 83 Resp: 106955  
Ion Ratio Lower Upper  
83 100  
131 10.3 4.1 12.3  
85 64.9 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 26.876 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 75 Resp: 147895  
Ion Ratio Lower Upper  
75 100  
77 122.3 91.0 272.8

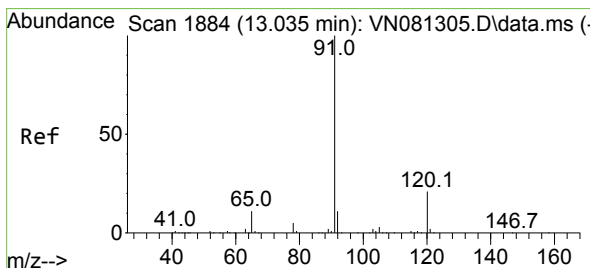
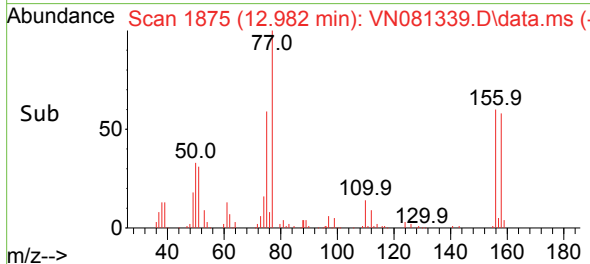
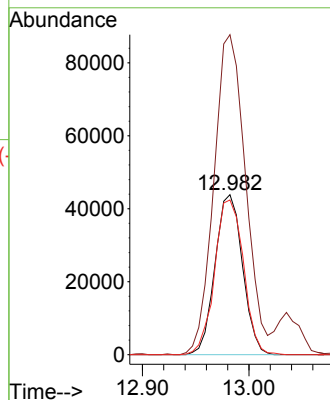
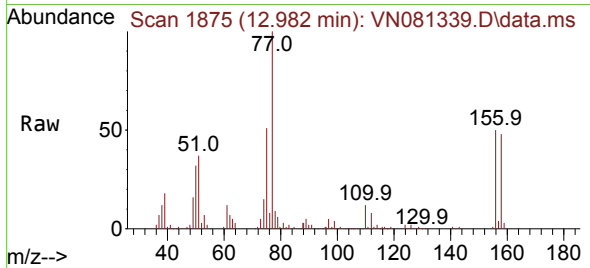




#77  
Bromobenzene  
Concen: 17.631 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

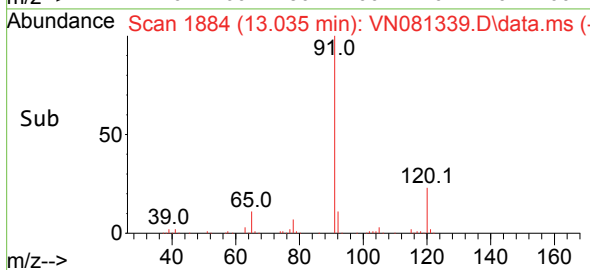
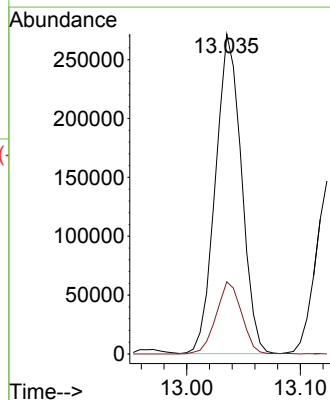
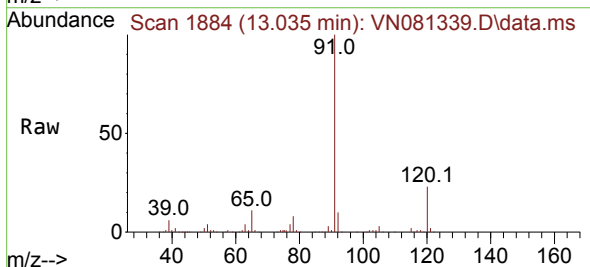
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

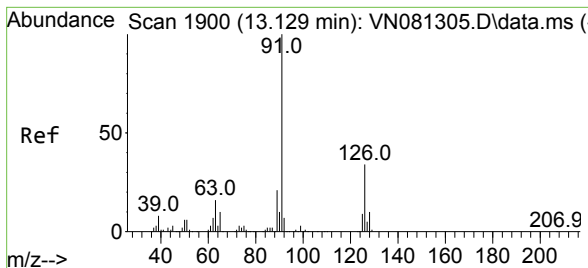
Tgt Ion:156 Resp: 78642  
Ion Ratio Lower Upper  
156 100  
77 230.0 138.1 414.3  
158 101.5 46.5 139.5



#78  
n-propylbenzene  
Concen: 19.402 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 91 Resp: 431731  
Ion Ratio Lower Upper  
91 100  
120 22.2 10.3 30.9

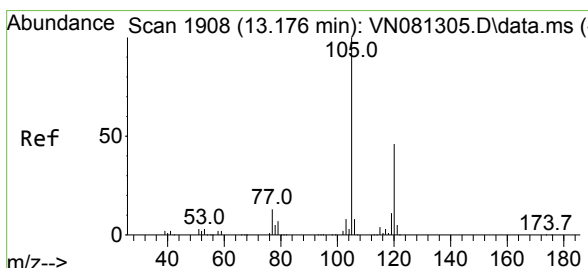
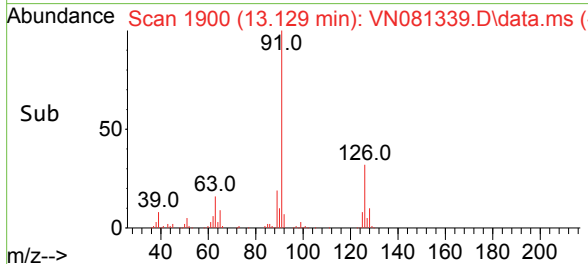
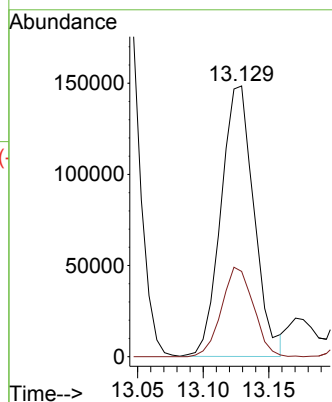
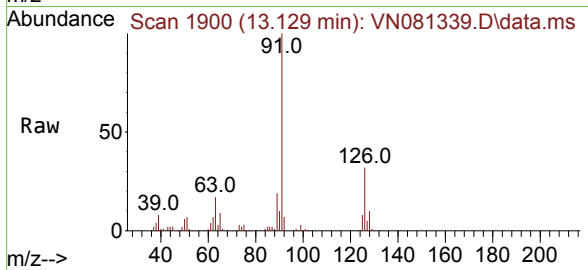




#79  
2-Chlorotoluene  
Concen: 19.128 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

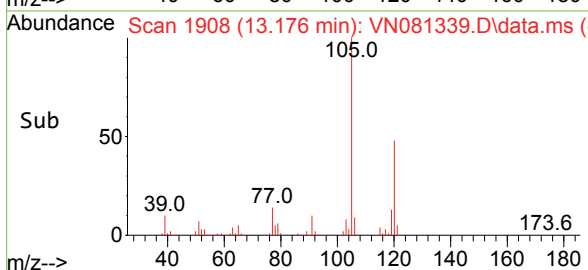
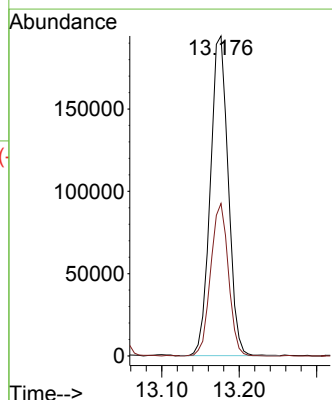
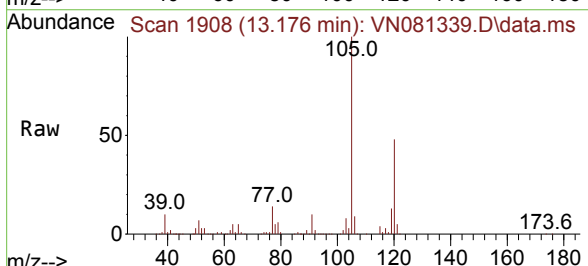
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

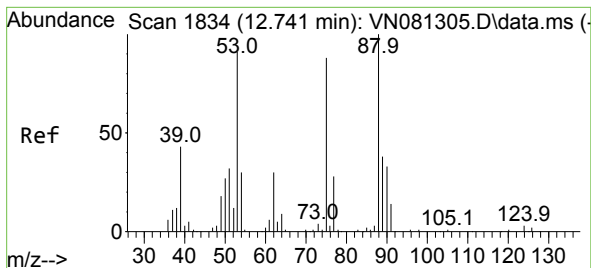
Tgt Ion: 91 Resp: 260164  
Ion Ratio Lower Upper  
91 100  
126 31.9 14.8 44.4



#80  
1,3,5-Trimethylbenzene  
Concen: 19.970 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 105 Resp: 310561  
Ion Ratio Lower Upper  
105 100  
120 47.4 23.0 69.0

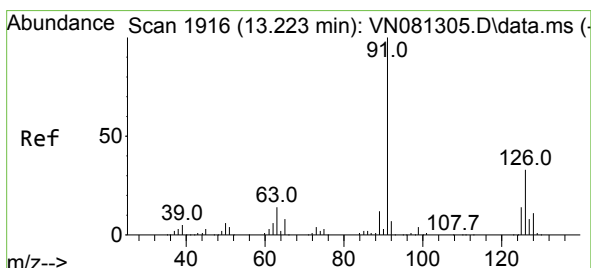
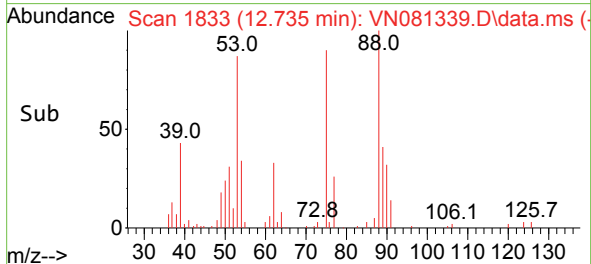
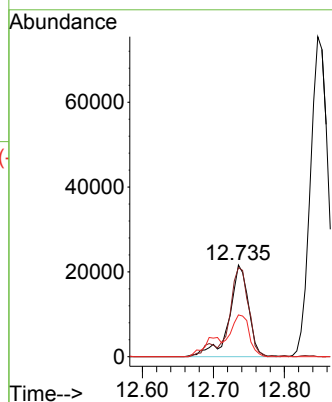
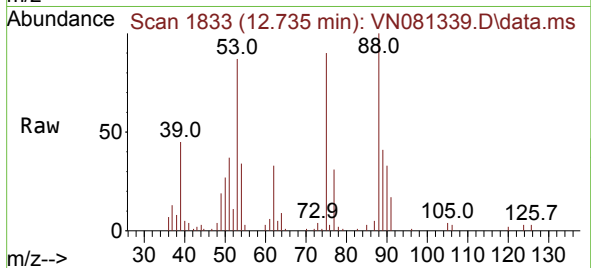




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.659 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

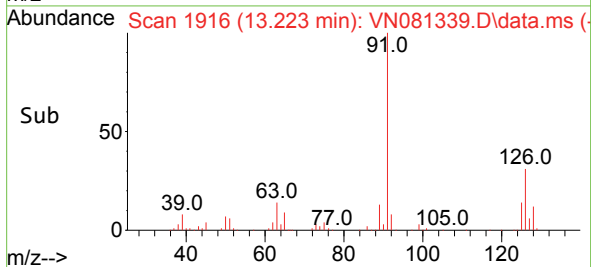
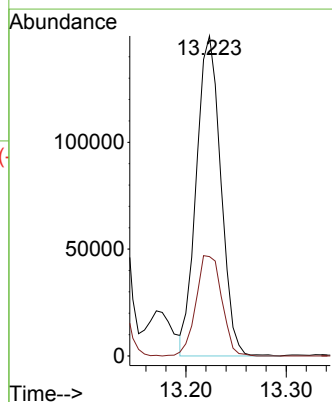
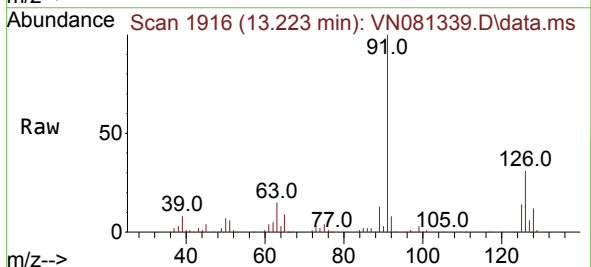
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

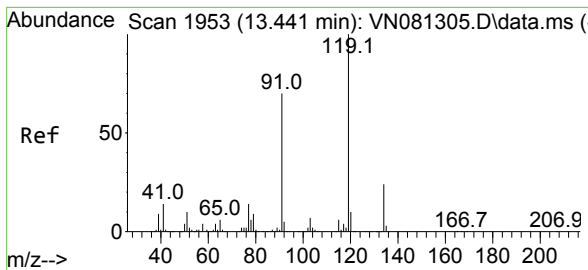
Tgt Ion: 75 Resp: 40735  
Ion Ratio Lower Upper  
75 100  
53 91.2 71.4 107.2  
89 44.3 33.4 50.0



#82  
4-Chlorotoluene  
Concen: 18.902 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion: 91 Resp: 253939  
Ion Ratio Lower Upper  
91 100  
126 33.1 15.3 45.9

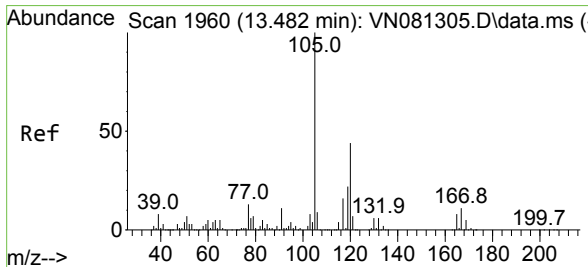
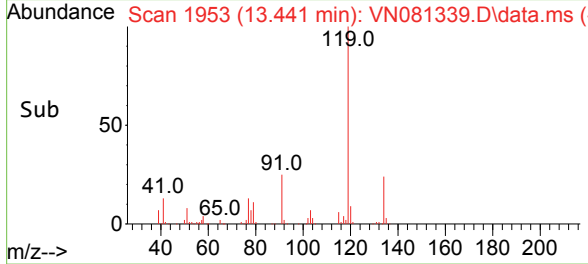
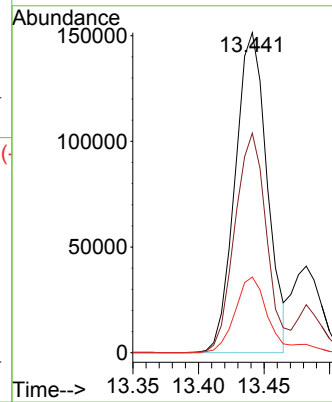
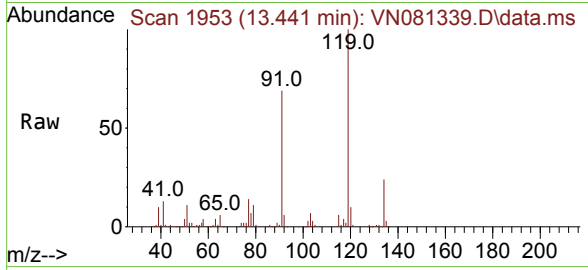




#83  
 tert-Butylbenzene  
 Concen: 19.319 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. 0.000 min  
 Lab File: VN081339.D  
 Acq: 08 Mar 2024 11:17

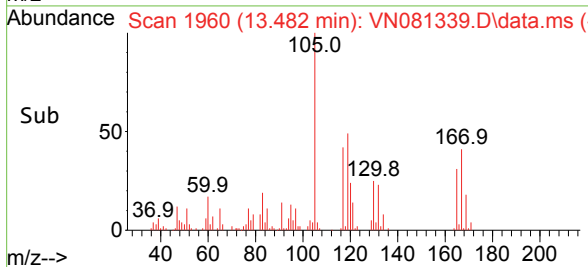
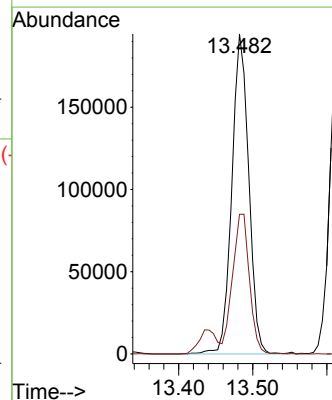
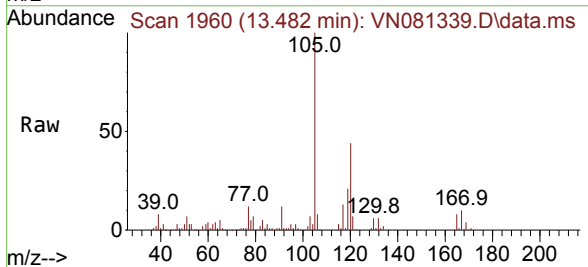
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0308WBS01

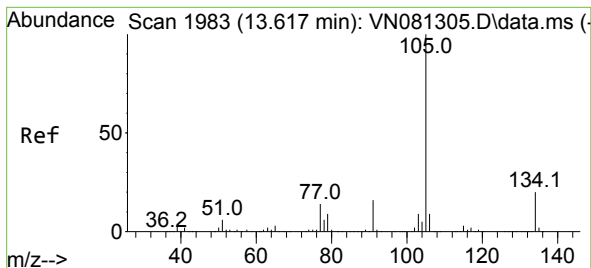
Tgt Ion:119 Resp: 257575  
 Ion Ratio Lower Upper  
 119 100  
 91 68.8 36.8 110.4  
 134 25.4 12.4 37.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.490 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.000 min  
 Lab File: VN081339.D  
 Acq: 08 Mar 2024 11:17

Tgt Ion:105 Resp: 307089  
 Ion Ratio Lower Upper  
 105 100  
 120 43.8 20.9 62.7





#85

sec-Butylbenzene

Concen: 18.942 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

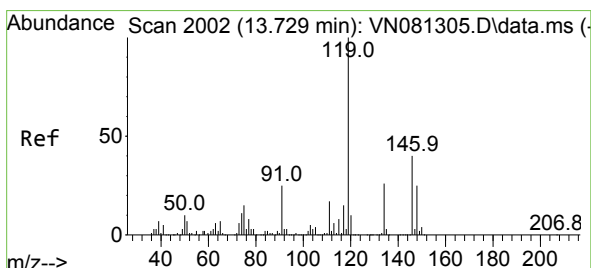
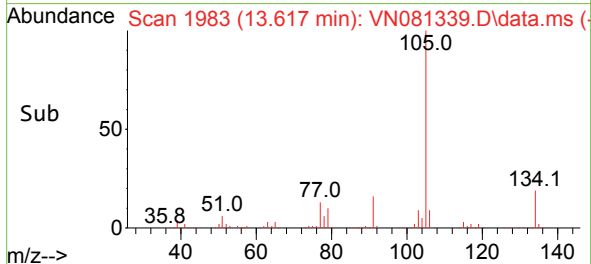
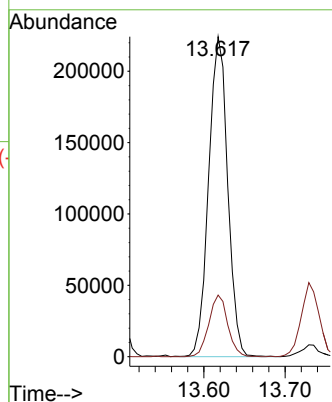
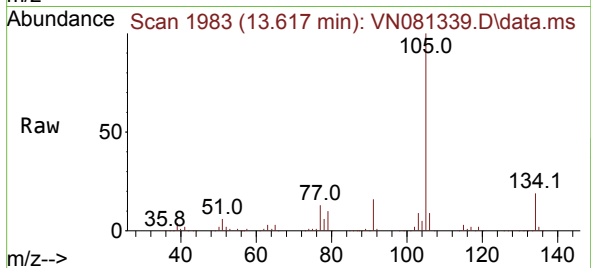
VN0308WBS01

Tgt Ion:105 Resp: 365353

Ion Ratio Lower Upper

105 100

134 19.0 8.6 25.8



#86

p-Isopropyltoluene

Concen: 19.253 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

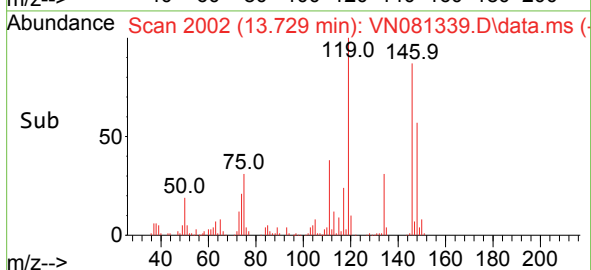
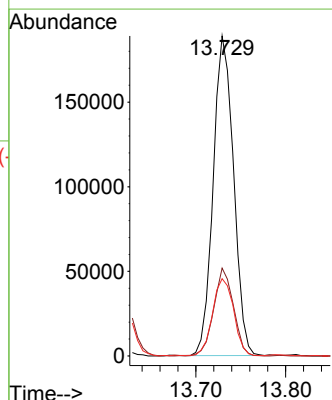
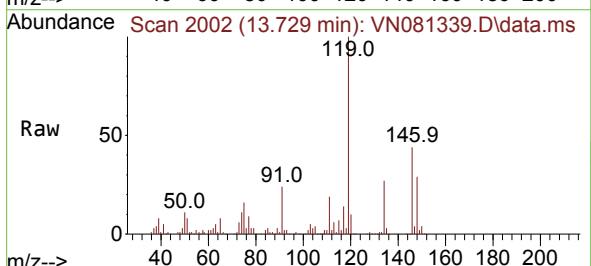
Tgt Ion:119 Resp: 297806

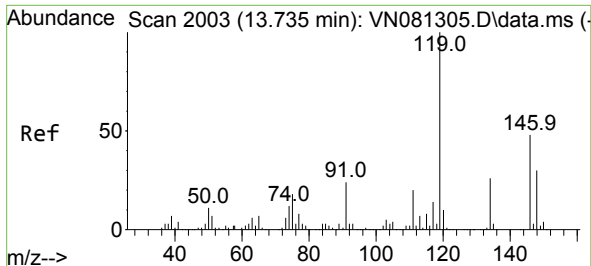
Ion Ratio Lower Upper

119 100

134 26.6 12.4 37.2

91 25.0 13.5 40.4

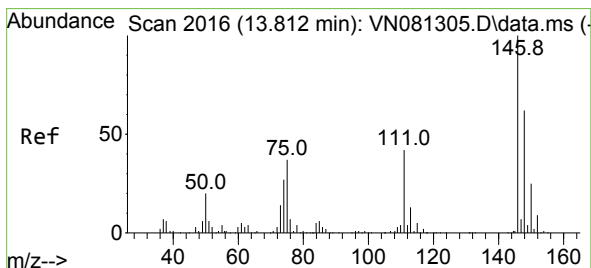
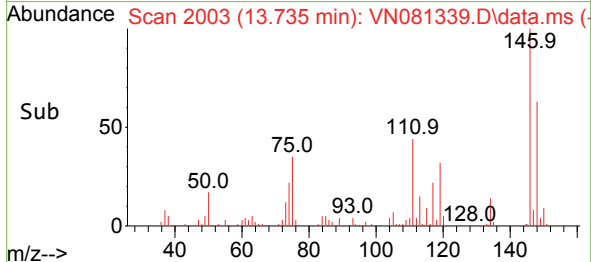
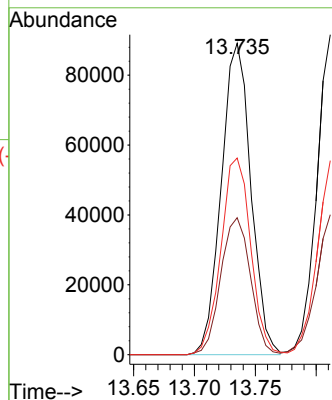
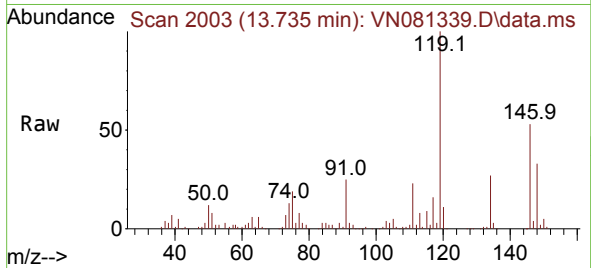




#87  
 1,3-Dichlorobenzene  
 Concen: 17.889 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN081339.D  
 Acq: 08 Mar 2024 11:17

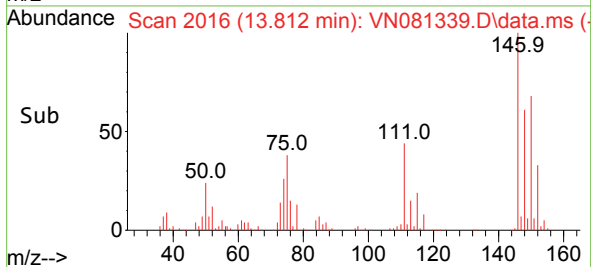
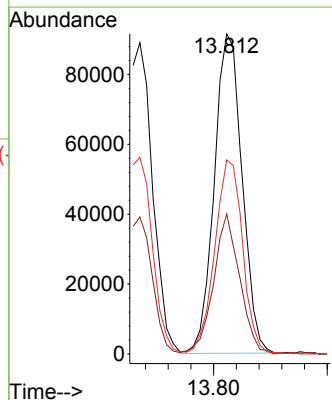
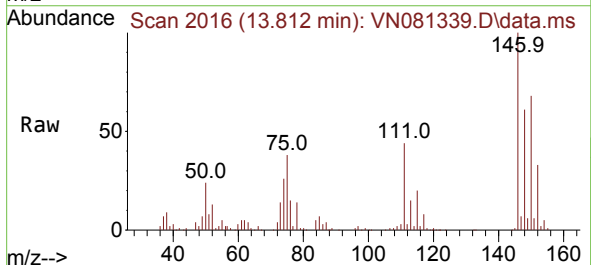
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0308WBS01

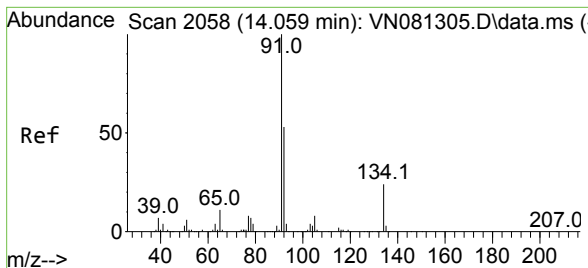
Tgt Ion:146 Resp: 150671  
 Ion Ratio Lower Upper  
 146 100  
 111 44.3 23.9 71.7  
 148 63.6 32.6 97.7



#88  
 1,4-Dichlorobenzene  
 Concen: 18.471 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN081339.D  
 Acq: 08 Mar 2024 11:17

Tgt Ion:146 Resp: 155501  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 22.6 67.7  
 148 61.1 31.9 95.5





#89

n-Butylbenzene

Concen: 18.800 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0308WBS01

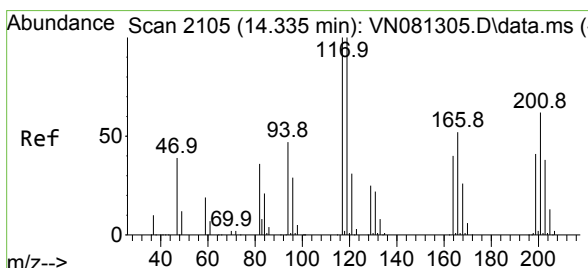
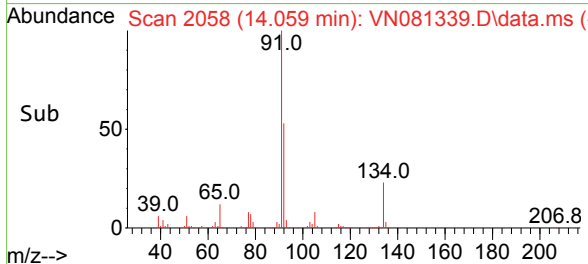
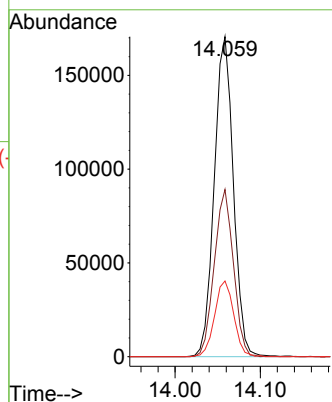
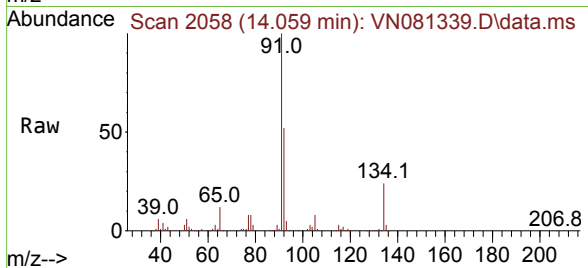
Tgt Ion: 91 Resp: 266679

Ion Ratio Lower Upper

91 100

92 52.2 26.7 80.1

134 23.8 10.8 32.4



#90

Hexachloroethane

Concen: 18.766 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081339.D

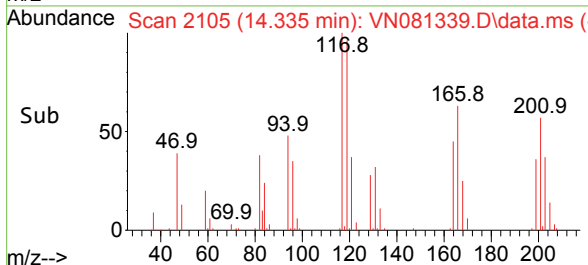
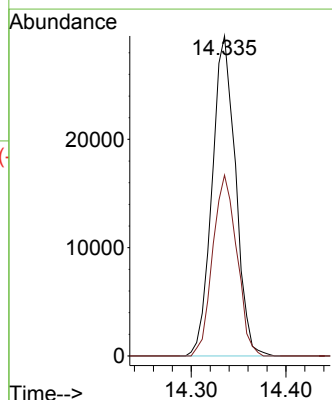
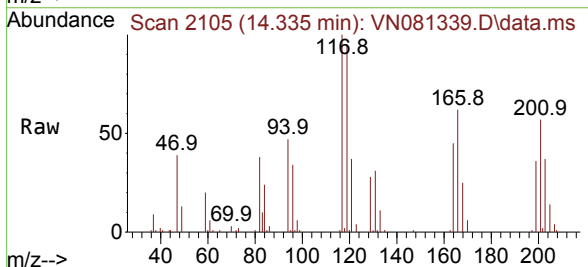
Acq: 08 Mar 2024 11:17

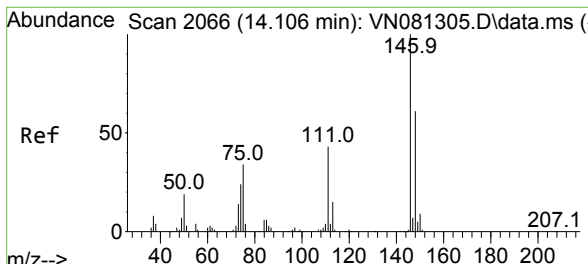
Tgt Ion: 117 Resp: 50820

Ion Ratio Lower Upper

117 100

201 58.2 30.0 90.0

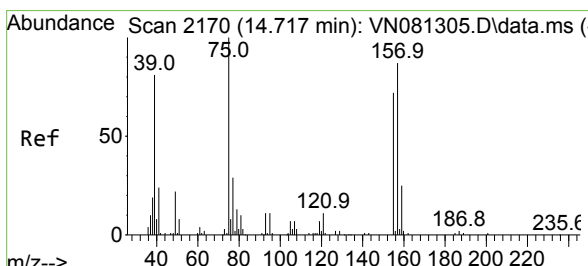
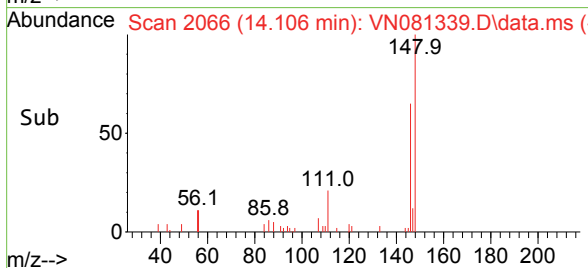
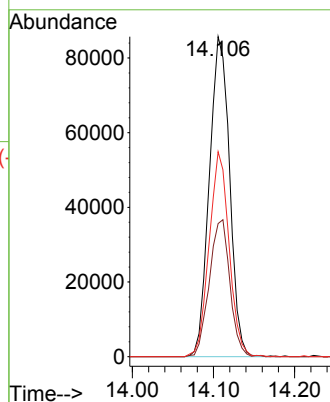
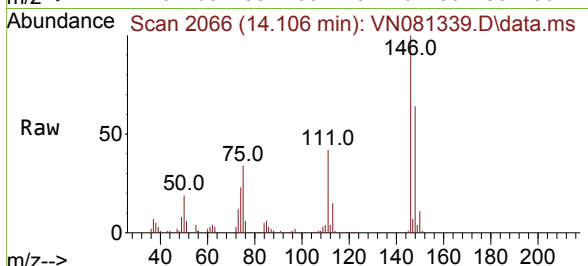




#91  
 1,2-Dichlorobenzene  
 Concen: 18.355 ug/l  
 RT: 14.106 min Scan# 2066  
 Delta R.T. 0.000 min  
 Lab File: VN081339.D  
 Acq: 08 Mar 2024 11:17

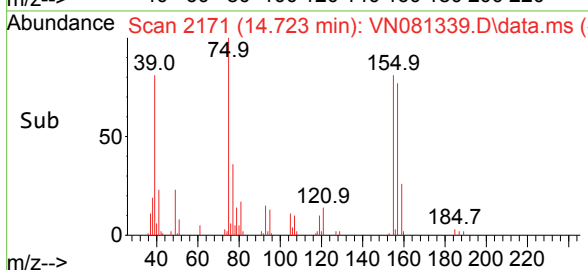
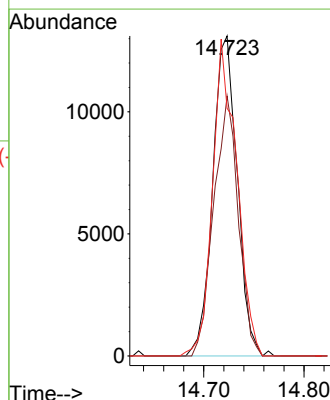
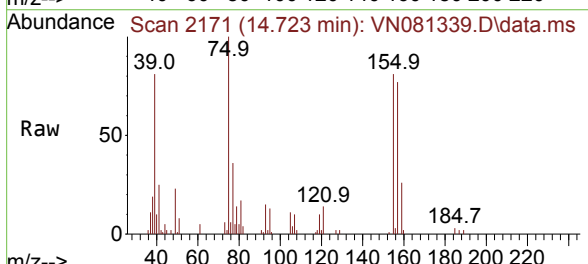
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0308WBS01

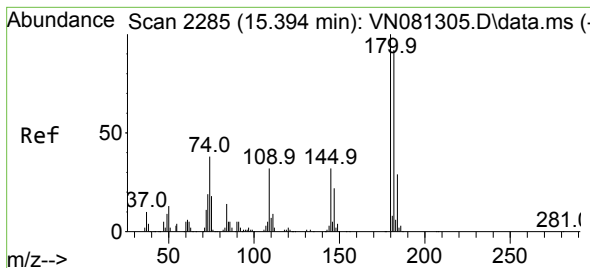
Tgt Ion:146 Resp: 148324  
 Ion Ratio Lower Upper  
 146 100  
 111 43.7 23.9 71.8  
 148 63.2 31.4 94.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.888 ug/l  
 RT: 14.723 min Scan# 2171  
 Delta R.T. 0.006 min  
 Lab File: VN081339.D  
 Acq: 08 Mar 2024 11:17

Tgt Ion: 75 Resp: 22224  
 Ion Ratio Lower Upper  
 75 100  
 155 81.6 31.8 95.4  
 157 97.6 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.109 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0308WBS01

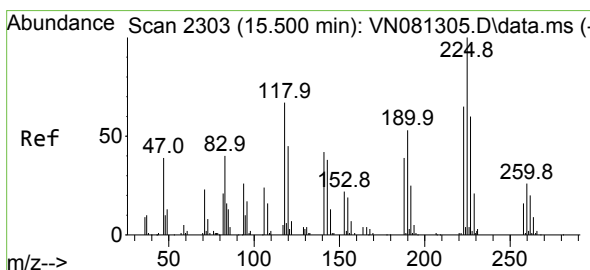
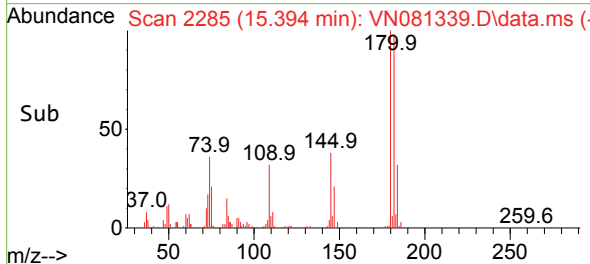
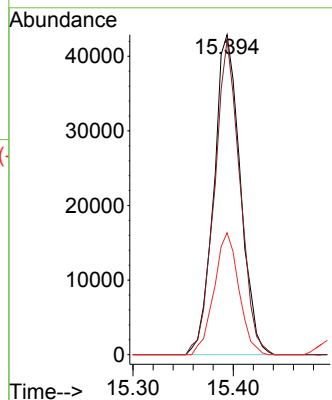
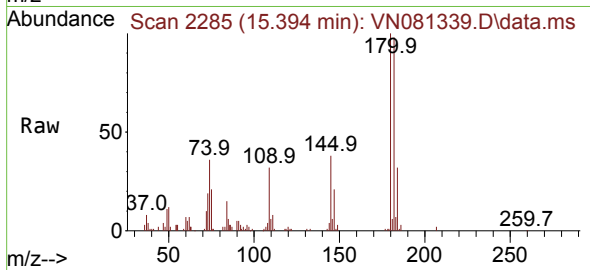
Tgt Ion:180 Resp: 78220

Ion Ratio Lower Upper

180 100

182 94.9 46.6 139.7

145 35.9 16.8 50.3



#94

Hexachlorobutadiene

Concen: 16.710 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081339.D

Acq: 08 Mar 2024 11:17

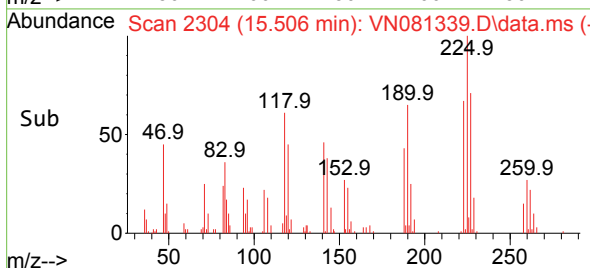
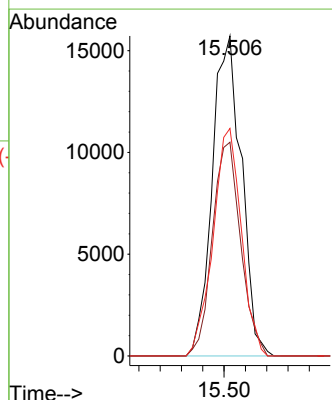
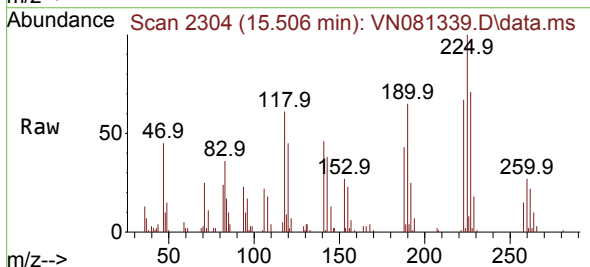
Tgt Ion:225 Resp: 29824

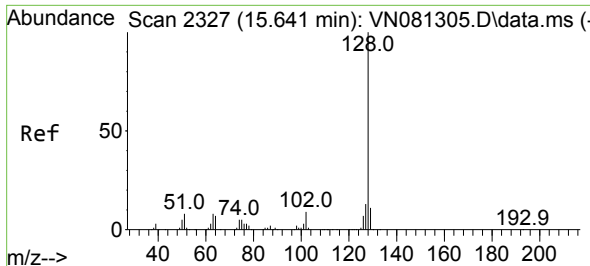
Ion Ratio Lower Upper

225 100

223 65.0 33.3 99.8

227 68.9 33.1 99.2

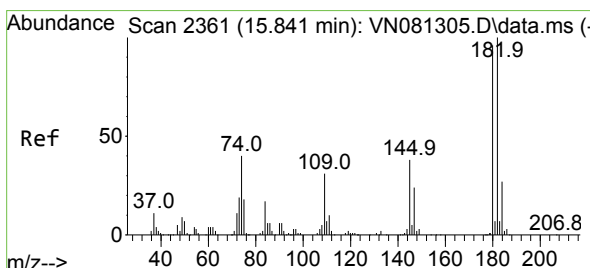
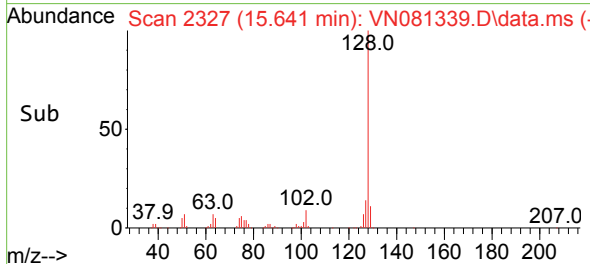
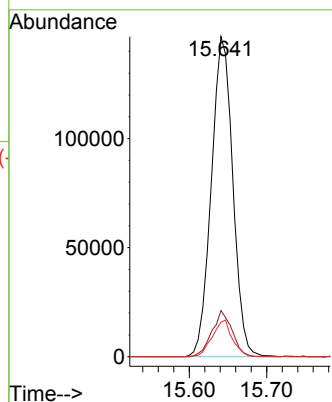
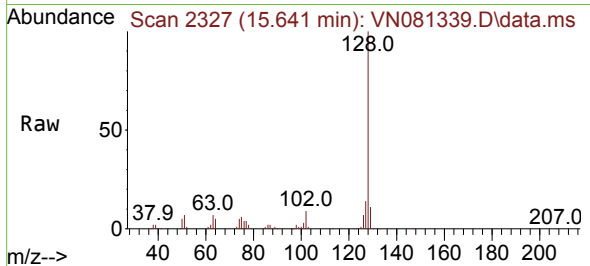




#95  
Naphthalene  
Concen: 18.365 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.000 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308WBS01

Tgt Ion:128 Resp: 282277  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.0 15.0  
129 10.7 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 17.780 ug/l  
RT: 15.847 min Scan# 2362  
Delta R.T. 0.006 min  
Lab File: VN081339.D  
Acq: 08 Mar 2024 11:17

Tgt Ion:180 Resp: 77885  
Ion Ratio Lower Upper  
180 100  
182 95.4 46.5 139.3  
145 36.8 17.8 53.4

