

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060424\  
 Data File : VN082454.D  
 Acq On : 04 Jun 2024 12:02  
 Operator : JC\MD  
 Sample : VN0604WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 05 03:18:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 05:21:06 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.229  | 168  | 170994   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 288448   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.870 | 117  | 263492   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 123289   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 133853   | 49.574   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 99.140%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 94121    | 53.044   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 106.080% |
| 50) Toluene-d8              | 10.571 | 98    | 340895   | 50.110   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 100.220% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 123493   | 50.860   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =    | 101.720% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 43908  | 17.810  | ug/l   | 98  |
| 3) Chloromethane             | 2.359 | 50  | 49181  | 17.603  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.518 | 62  | 47739  | 18.175  | ug/l   | 100 |
| 5) Bromomethane              | 2.959 | 94  | 29113  | 19.283  | ug/l   | 96  |
| 6) Chloroethane              | 3.118 | 64  | 34817  | 20.301  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 69464  | 20.196  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.959 | 74  | 25033  | 20.430  | ug/l   | 67  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 42737  | 21.271  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.589 | 142 | 34193  | 16.929  | ug/l # | 90  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 47575  | 109.768 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 37363  | 20.007  | ug/l # | 81  |
| 13) Acrolein                 | 4.177 | 56  | 27258  | 84.869  | ug/l   | 99  |
| 14) Allyl chloride           | 5.018 | 41  | 75382  | 18.854  | ug/l # | 91  |
| 15) Acrylonitrile            | 5.724 | 53  | 125305 | 111.631 | ug/l   | 100 |
| 16) Acetone                  | 4.430 | 43  | 126330 | 114.057 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.706 | 76  | 91717  | 15.206  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.030 | 43  | 69252  | 25.106  | ug/l # | 86  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 145138 | 21.263  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.271 | 84  | 44418  | 19.876  | ug/l # | 77  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 38217  | 18.779  | ug/l # | 79  |
| 22) Diisopropyl ether        | 6.671 | 45  | 174961 | 20.956  | ug/l # | 92  |
| 23) Vinyl Acetate            | 6.606 | 43  | 669040 | 101.640 | ug/l # | 89  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 89022  | 20.687  | ug/l   | 98  |
| 25) 2-Butanone               | 7.488 | 43  | 190615 | 113.508 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 7.494 | 77  | 77967  | 21.631  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 50024  | 20.829  | ug/l   | 80  |
| 28) Bromochloromethane       | 7.818 | 49  | 33690  | 17.424  | ug/l # | 75  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 119936 | 111.237 | ug/l # | 82  |
| 30) Chloroform               | 7.965 | 83  | 92351  | 22.473  | ug/l   | 98  |
| 31) Cyclohexane              | 8.265 | 56  | 75299  | 17.461  | ug/l # | 83  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 78354  | 21.492  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 59565  | 20.015  | ug/l   | 94  |
| 37) Ethyl Acetate            | 7.565 | 43  | 74965  | 22.509  | ug/l # | 92  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 66156  | 21.930  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 59804  | 18.333  | ug/l # | 88  |
| 40) Benzene                  | 8.606 | 78  | 187574 | 21.137  | ug/l   | 97  |

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 Sample : VN0604WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 05 03:18:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 05:21:06 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.782  | 41   | 41386    | 21.130  | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 74705    | 21.888  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 151988   | 25.755  | ug/l # | 85       |
| 44) Trichloroethene           | 9.359  | 130  | 41775    | 20.723  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 50167    | 21.910  | ug/l   | 91       |
| 46) Dibromomethane            | 9.712  | 93   | 33880    | 22.538  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.888  | 83   | 72626    | 22.885  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 62920    | 22.376  | ug/l # | 80       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 19457    | 493.787 | ug/l # | 76       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 393102   | 117.241 | ug/l   | 90       |
| 52) Toluene                   | 10.635 | 92   | 114932   | 21.581  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 74009    | 22.549  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 76931    | 22.144  | ug/l # | 79       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 45925    | 23.730  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 72909    | 22.189  | ug/l # | 71       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 79652    | 22.012  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 158195   | 93.340  | ug/l   | 91       |
| 59) 2-Hexanone                | 11.200 | 43   | 296180   | 120.641 | ug/l   | 88       |
| 60) Dibromochloromethane      | 11.359 | 129  | 52632    | 24.643  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 43287    | 21.776  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.106 | 164  | 40760    | 20.871  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.894 | 112  | 122646   | 21.070  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 46299    | 24.147  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 218032   | 20.939  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 161696   | 42.369  | ug/l   | 94       |
| 69) o-Xylene                  | 12.400 | 106  | 78297    | 21.180  | ug/l   | 93       |
| 70) Styrene                   | 12.412 | 104  | 132970   | 21.655  | ug/l   | 96       |
| 71) Bromoform                 | 12.582 | 173  | 33834    | 22.577  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 203841   | 20.812  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.494 | 43   | 107855   | 20.019  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 64409    | 22.812  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 91148    | 35.125  | ug/l   | 58       |
| 77) Bromobenzene              | 12.982 | 156  | 50220    | 21.515  | ug/l   | 90       |
| 78) n-propylbenzene           | 13.041 | 91   | 241829   | 20.850  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 149511   | 20.528  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 167759   | 21.182  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 24198    | 21.811  | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 149016   | 20.927  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 142582   | 20.578  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 169523   | 20.922  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 201180   | 20.948  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 163313   | 20.924  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 90383    | 21.373  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 89859    | 20.820  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.059 | 91   | 142337   | 20.290  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 33381    | 23.084  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 87999    | 21.984  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 13996    | 24.127  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 45447    | 20.255  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 20293    | 20.611  | ug/l   | 97       |
| 95) Naphthalene               | 15.641 | 128  | 148220   | 21.079  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 47990    | 21.365  | ug/l   | 98       |

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Sample : VN0604WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jun 05 03:18:42 2024  
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Quant Title : SW846 8260  
QLast Update : Thu May 16 05:21:06 2024  
Response via : Initial Calibration

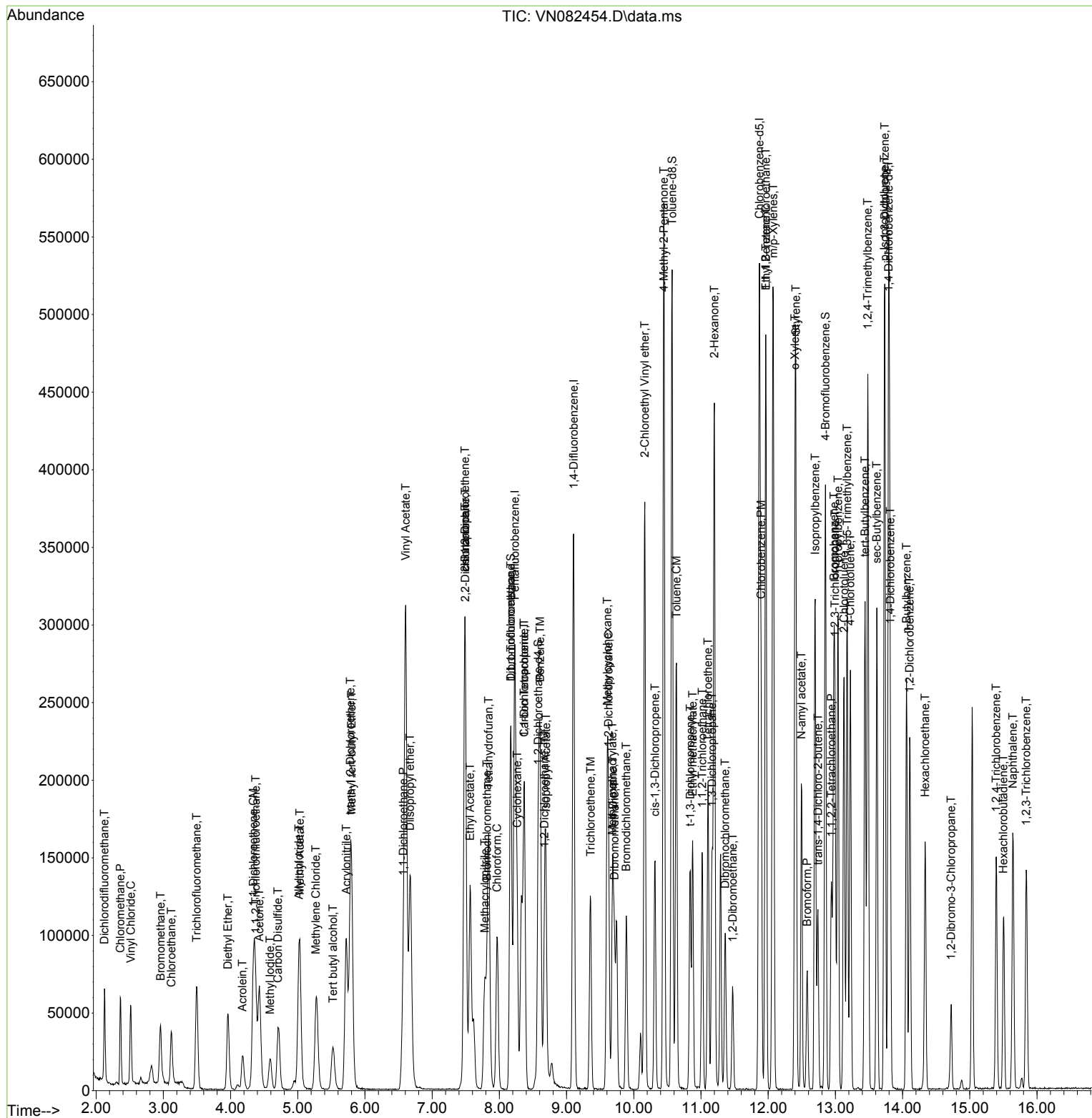
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

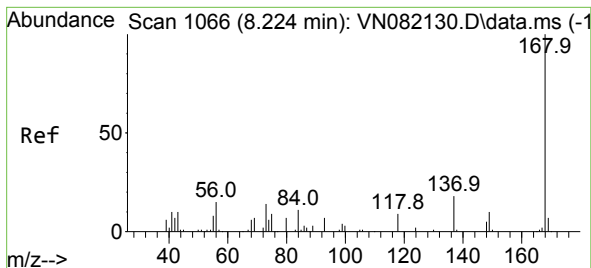
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 6 Sample Multiplier: 1

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 MSVOA\_N  
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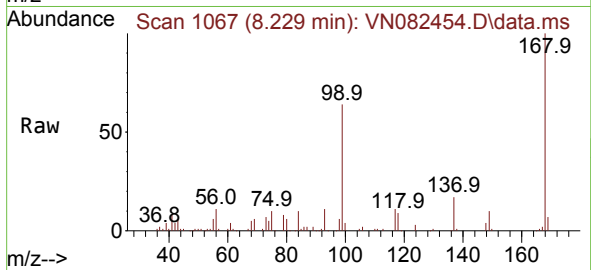
Quant Time: Jun 05 03:18:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 05:21:06 2024  
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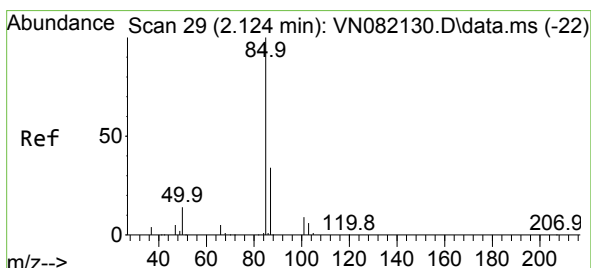
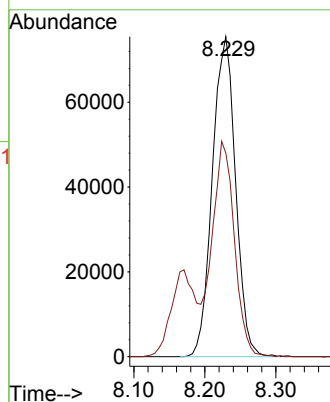
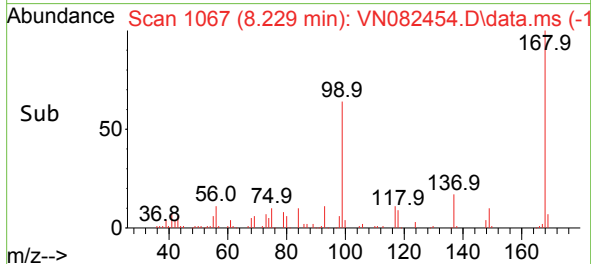


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1066  
Delta R.T. 0.005 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :

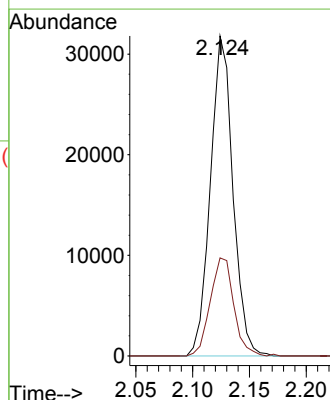
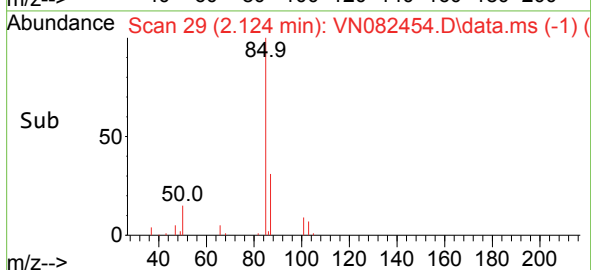
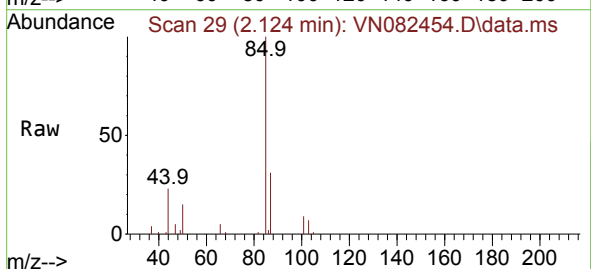


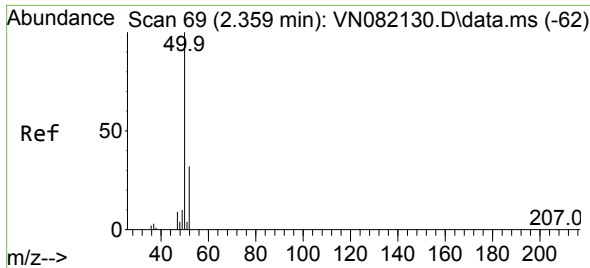
Tgt Ion:168 Resp: 170994  
Ion Ratio Lower Upper  
168 100  
99 63.3 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 17.810 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 85 Resp: 43908  
Ion Ratio Lower Upper  
85 100  
87 30.7 15.8 47.4

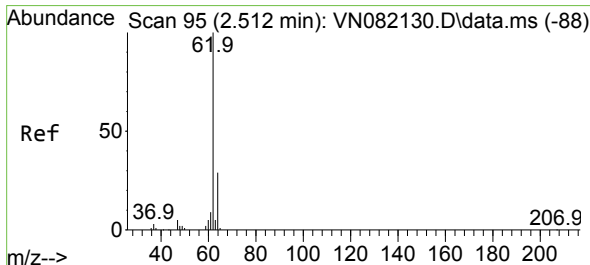
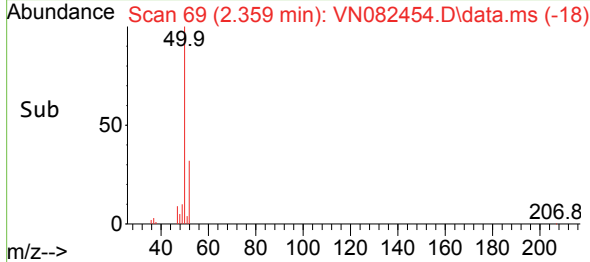
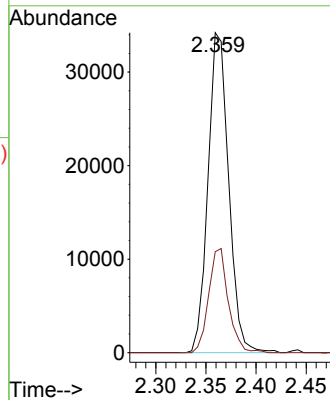
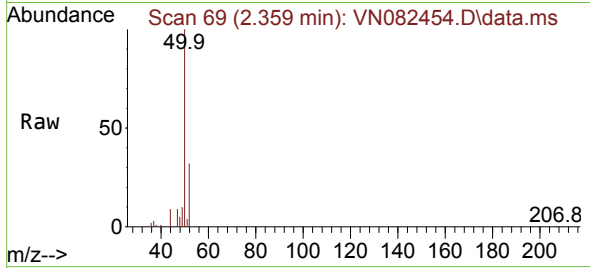




#3  
Chloromethane  
Concen: 17.603 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

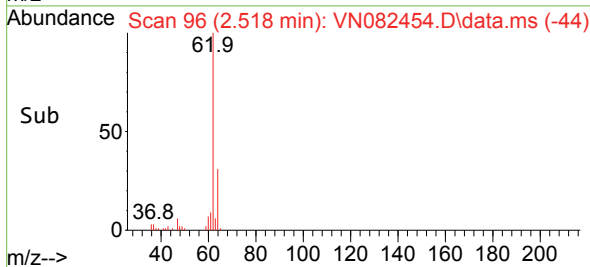
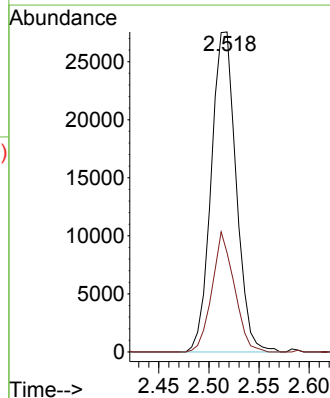
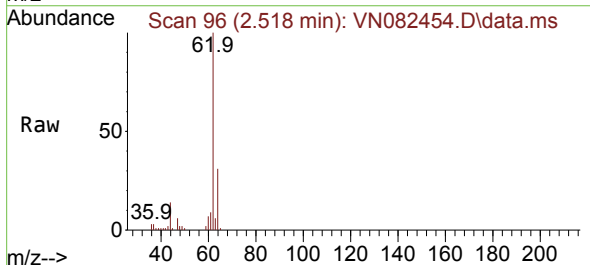
Instrument :  
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ClientSampleId :

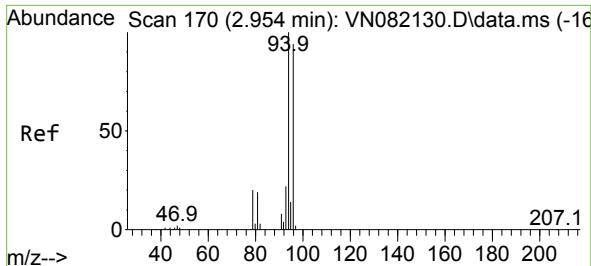
Tgt Ion: 50 Resp: 49181  
Ion Ratio Lower Upper  
50 100  
52 31.5 25.5 38.3



#4  
Vinyl Chloride  
Concen: 18.175 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

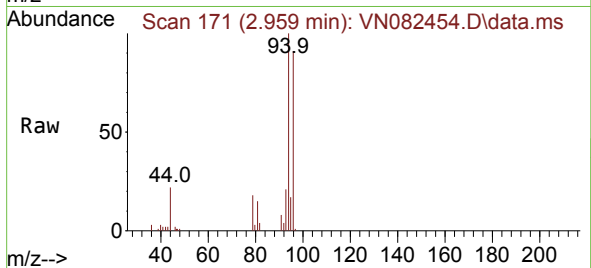
Tgt Ion: 62 Resp: 47739  
Ion Ratio Lower Upper  
62 100  
64 30.9 24.6 37.0



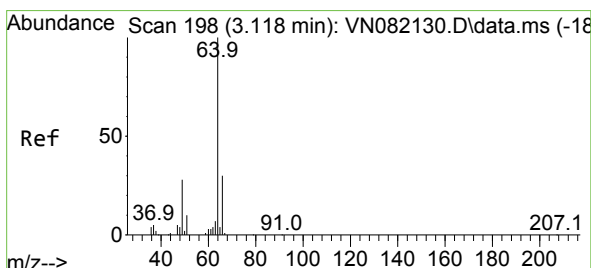
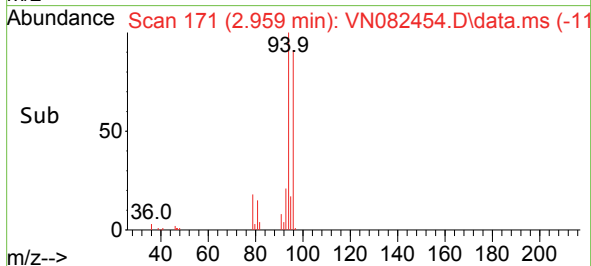
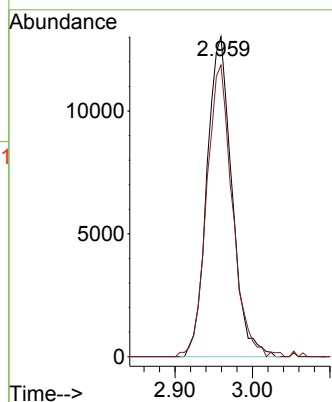


#5  
Bromomethane  
Concen: 19.283 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
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Instrument :  
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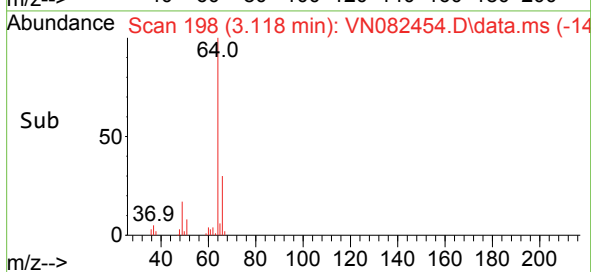
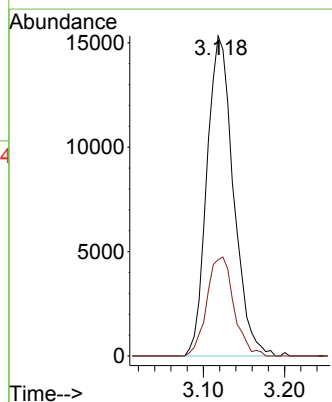
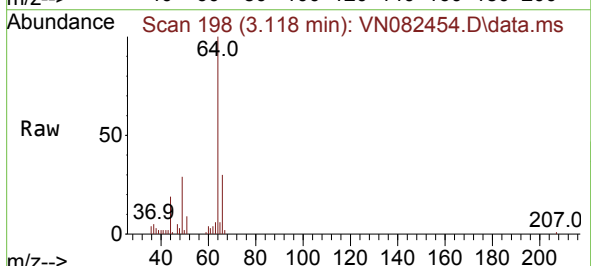


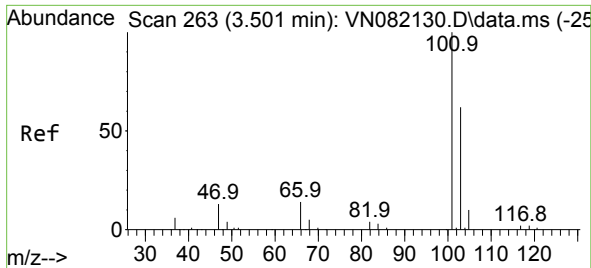
Tgt Ion: 94 Resp: 29113  
Ion Ratio Lower Upper  
94 100  
96 89.8 74.8 112.2



#6  
Chloroethane  
Concen: 20.301 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 64 Resp: 34817  
Ion Ratio Lower Upper  
64 100  
66 30.1 24.7 37.1

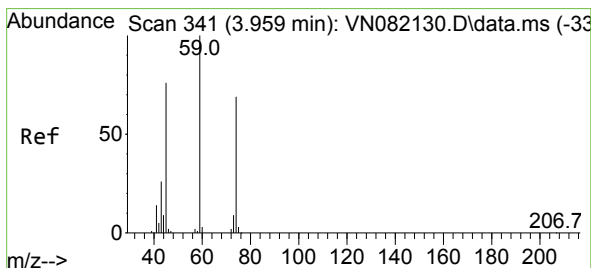
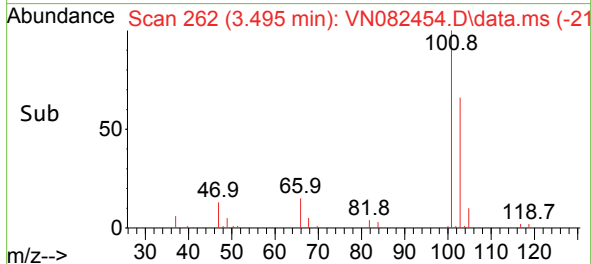
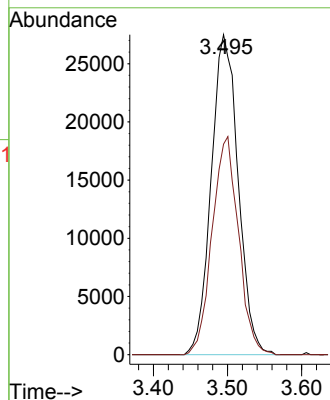
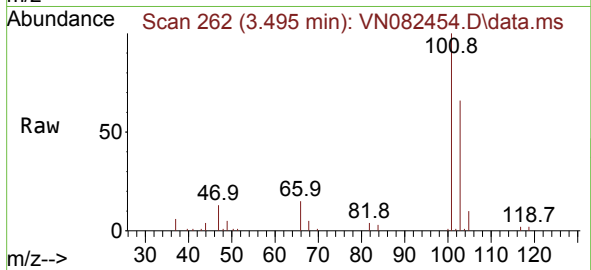




#7  
 Trichlorofluoromethane  
 Concen: 20.196 ug/l  
 RT: 3.495 min Scan# 210  
 Delta R.T. -0.006 min  
 Lab File: VN082454.D  
 Acq: 04 Jun 2024 12:02

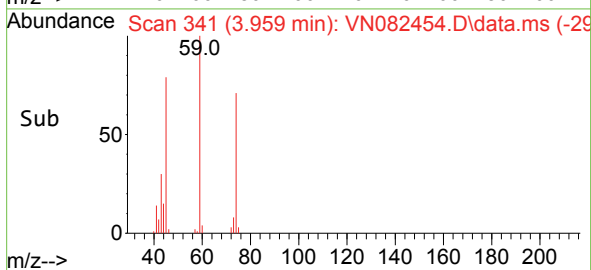
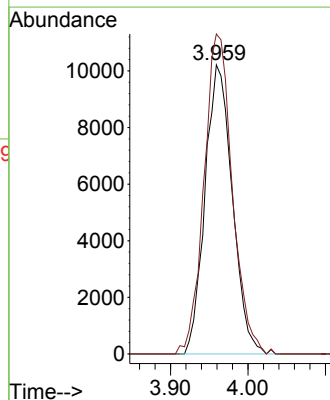
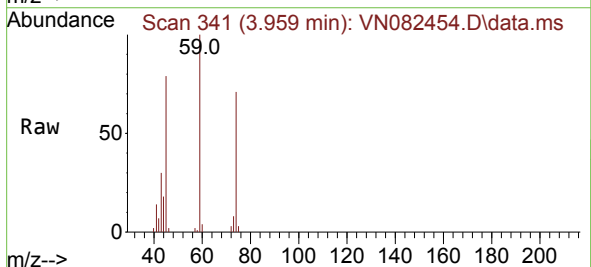
Instrument :  
 MSVOA\_N  
 ClientSampleId :

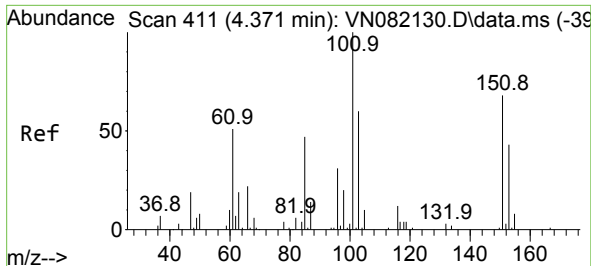
Tgt Ion:101 Resp: 69464  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 50.6 75.8



#8  
 Diethyl Ether  
 Concen: 20.430 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VN082454.D  
 Acq: 04 Jun 2024 12:02

Tgt Ion: 74 Resp: 25033  
 Ion Ratio Lower Upper  
 74 100  
 45 114.8 42.4 127.3

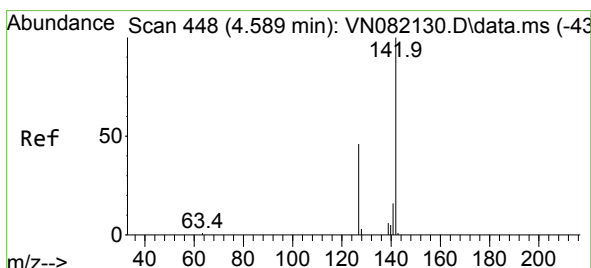
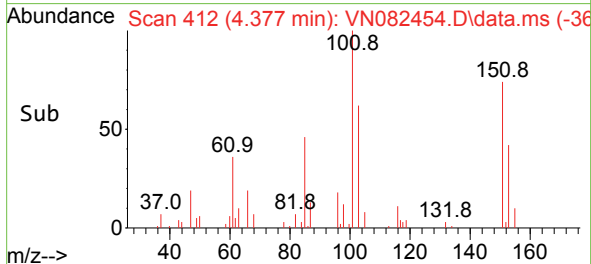
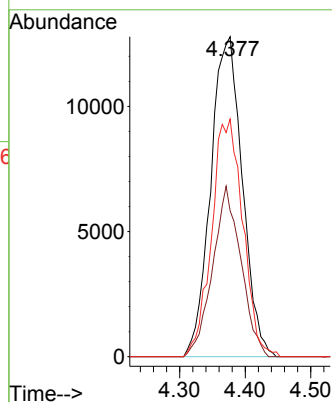
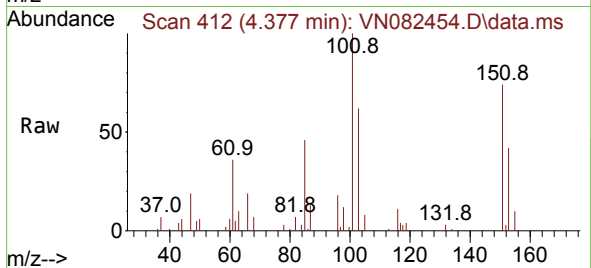




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.271 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

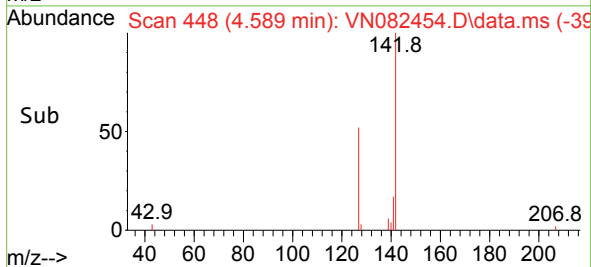
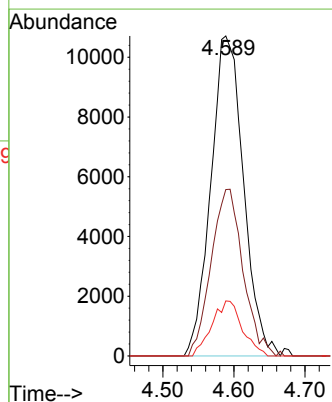
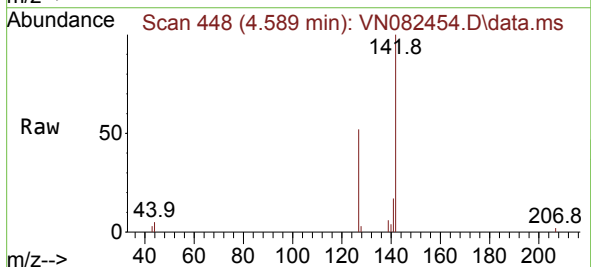
Instrument :  
MSVOA\_N  
ClientSampleId :

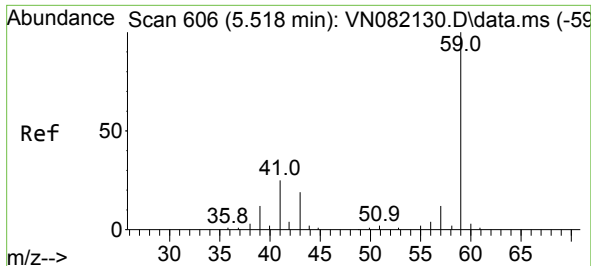
Tgt Ion:101 Resp: 42737  
Ion Ratio Lower Upper  
101 100  
85 47.8 37.3 55.9  
151 73.3 59.2 88.8



#10  
Methyl Iodide  
Concen: 16.929 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion:142 Resp: 34193  
Ion Ratio Lower Upper  
142 100  
127 52.0 35.8 53.6  
141 17.2 11.4 17.2#

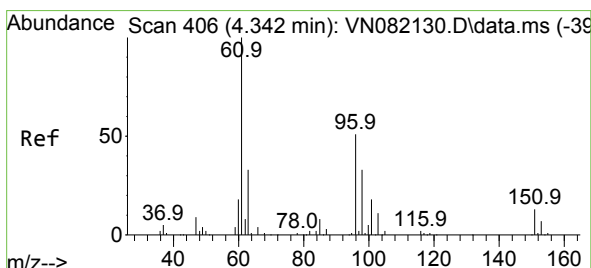
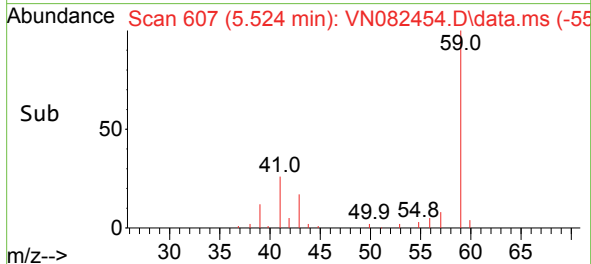
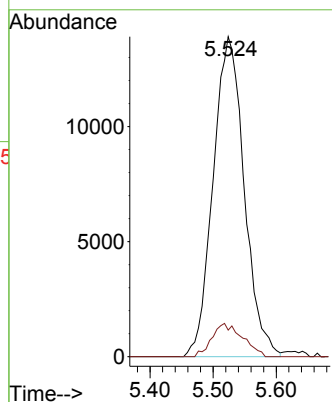
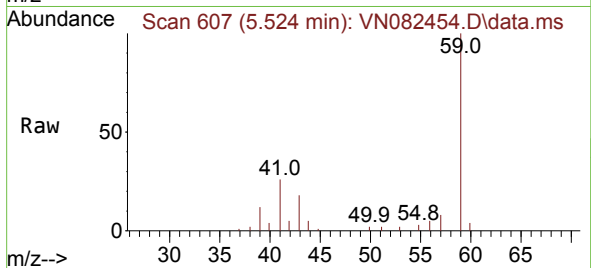




#11  
Tert butyl alcohol  
Concen: 109.768 ug/l  
RT: 5.524 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

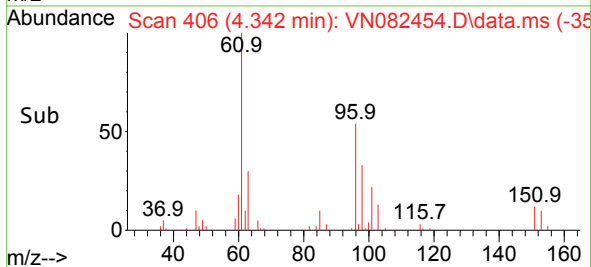
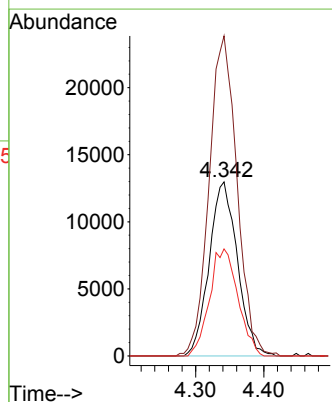
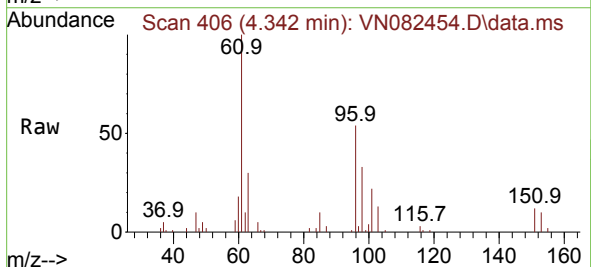
Instrument :  
MSVOA\_N  
ClientSampleId :

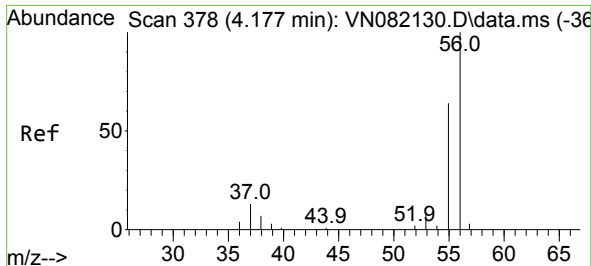
Tgt Ion: 59 Resp: 47575  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.9 13.3



#12  
1,1-Dichloroethene  
Concen: 20.007 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 96 Resp: 37363  
Ion Ratio Lower Upper  
96 100  
61 183.8 119.7 179.5#  
98 61.5 49.6 74.4





#13

Acrolein

Concen: 84.869 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

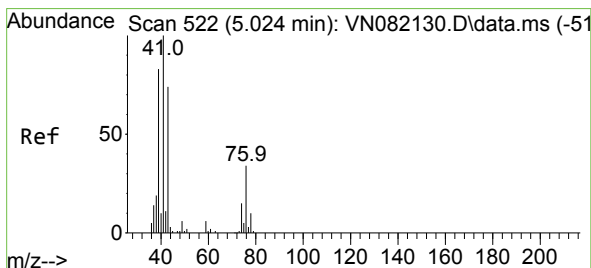
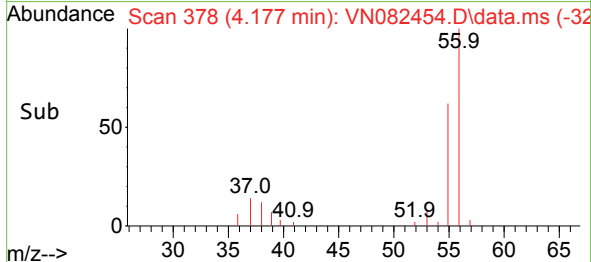
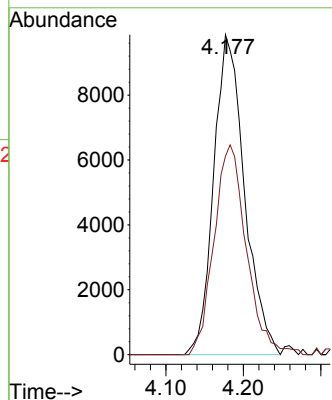
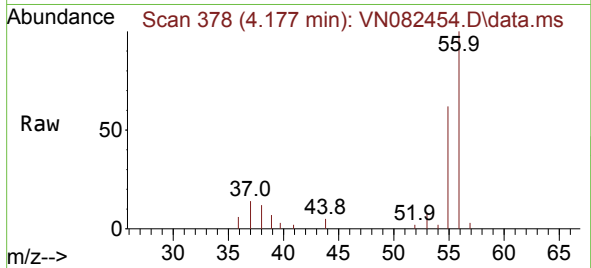
ClientSampleId :

Tgt Ion: 56 Resp: 27258

Ion Ratio Lower Upper

56 100

55 68.9 55.8 83.8



#14

Allyl chloride

Concen: 18.854 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

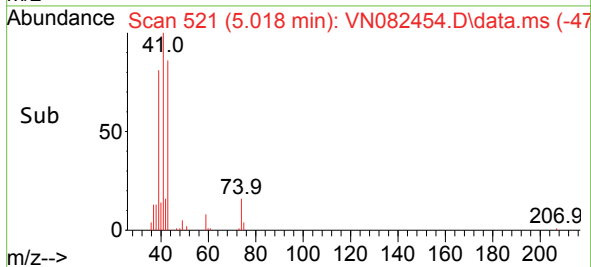
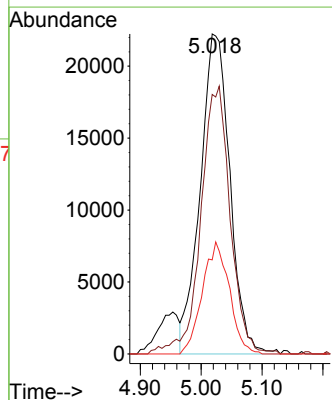
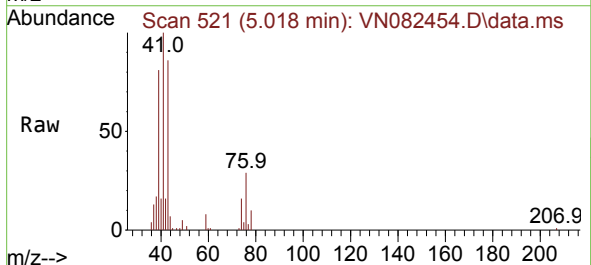
Tgt Ion: 41 Resp: 75382

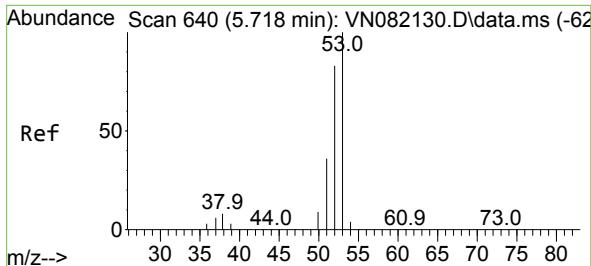
Ion Ratio Lower Upper

41 100

39 82.8 65.4 98.0

76 31.8 37.3 55.9#

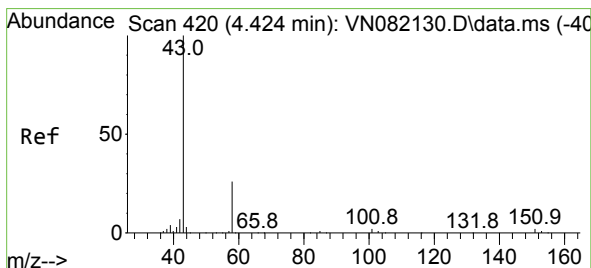
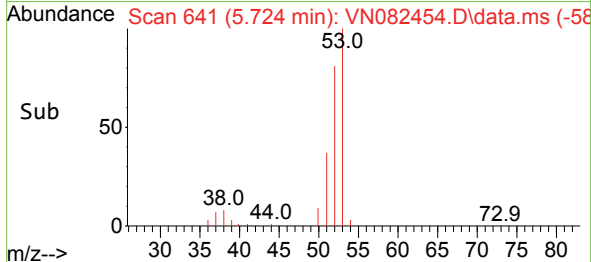
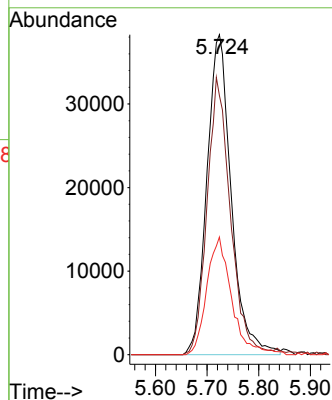
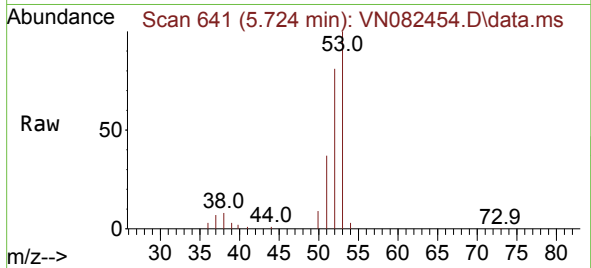




#15  
Acrylonitrile  
Concen: 111.631 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

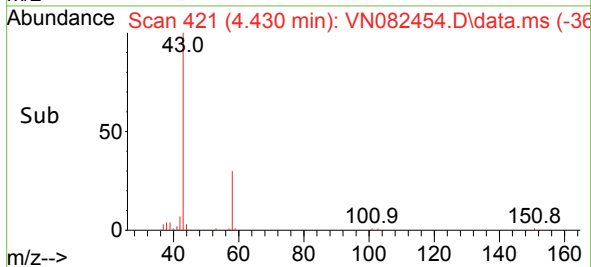
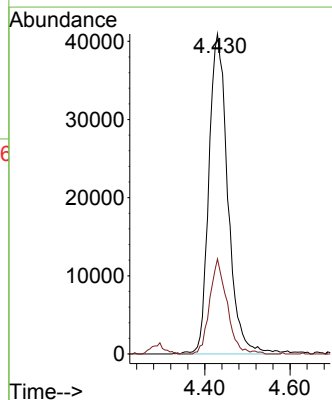
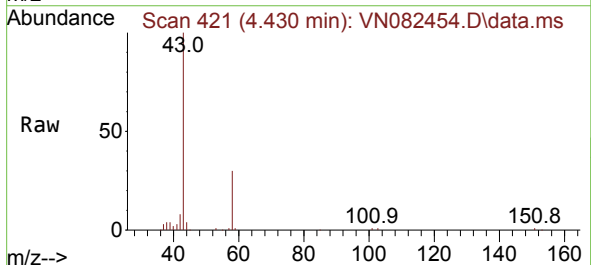
Instrument :  
MSVOA\_N  
ClientSampleId :

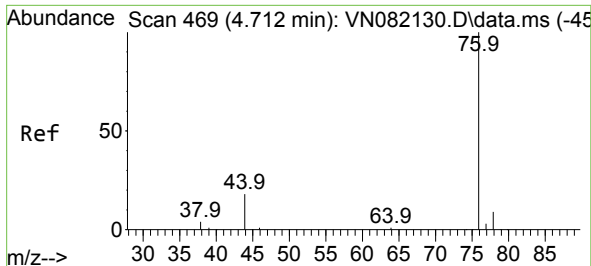
Tgt Ion: 53 Resp: 125305  
Ion Ratio Lower Upper  
53 100  
52 82.7 66.1 99.1  
51 37.6 29.4 44.2



#16  
Acetone  
Concen: 114.057 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 43 Resp: 126330  
Ion Ratio Lower Upper  
43 100  
58 29.7 25.2 37.8

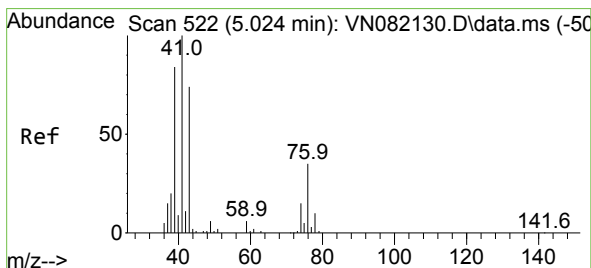
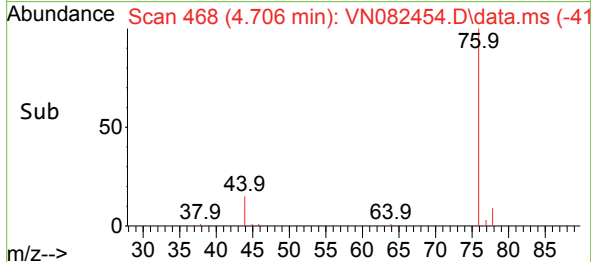
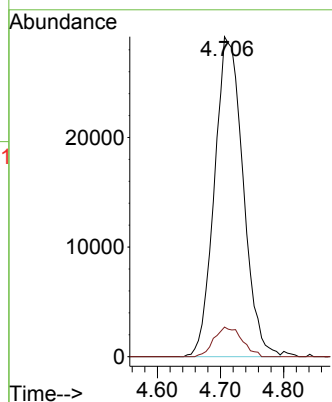
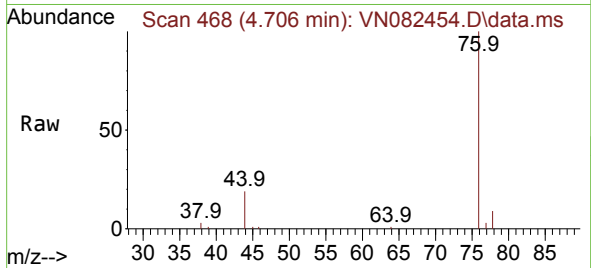




#17  
Carbon Disulfide  
Concen: 15.206 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

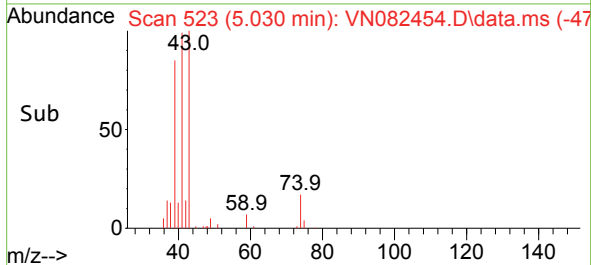
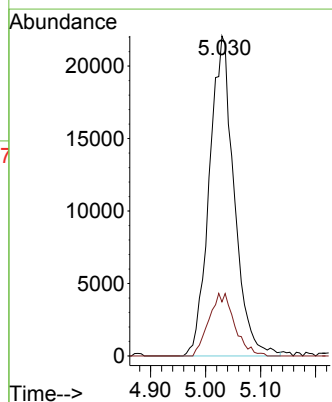
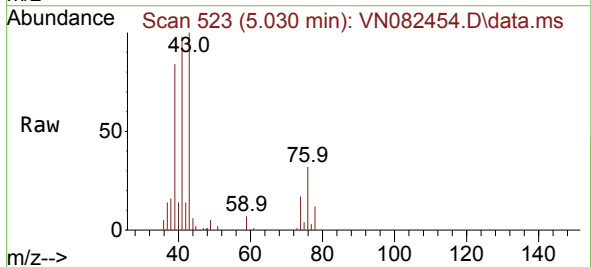
Instrument :  
MSVOA\_N  
ClientSampleId :

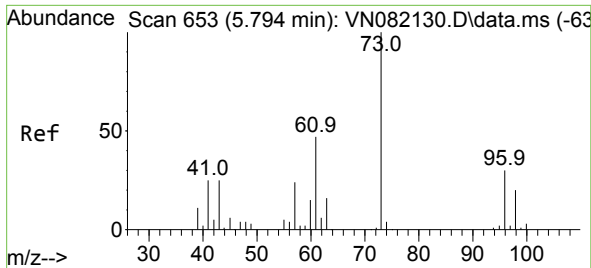
Tgt Ion: 76 Resp: 91717  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.5 11.3



#18  
Methyl Acetate  
Concen: 25.106 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 43 Resp: 69252  
Ion Ratio Lower Upper  
43 100  
74 20.3 22.2 33.2#

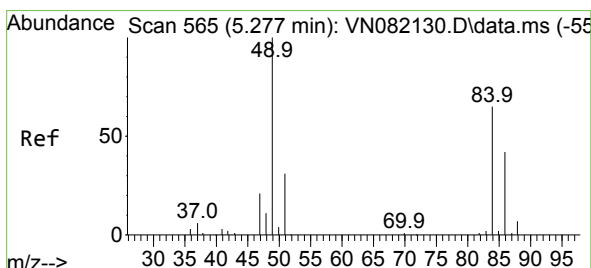
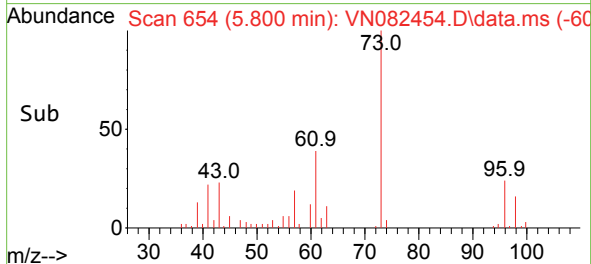
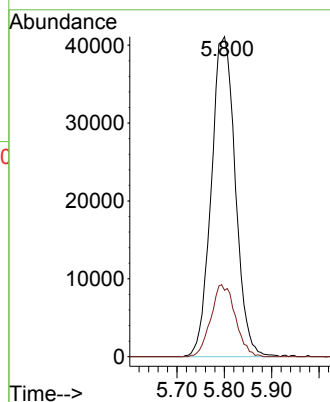
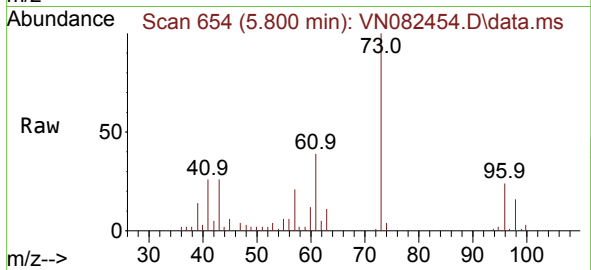




#19  
Methyl tert-butyl Ether  
Concen: 21.263 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

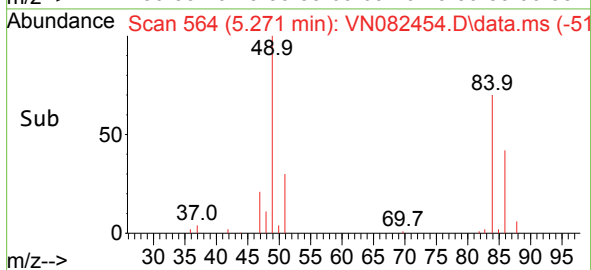
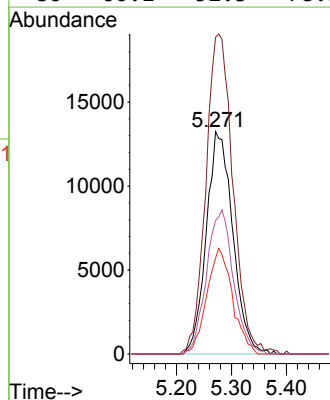
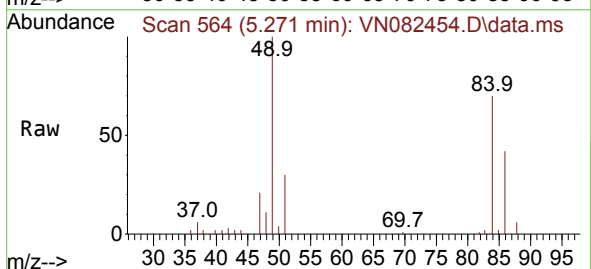
Instrument :  
MSVOA\_N  
ClientSampleId :

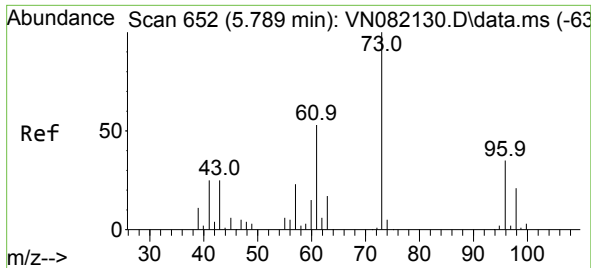
Tgt Ion: 73 Resp: 145138  
Ion Ratio Lower Upper  
73 100  
57 20.8 16.5 24.7



#20  
Methylene Chloride  
Concen: 19.876 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 84 Resp: 44418  
Ion Ratio Lower Upper  
84 100  
49 142.3 84.9 127.3#  
51 43.1 27.0 40.6#  
86 60.1 52.3 78.5

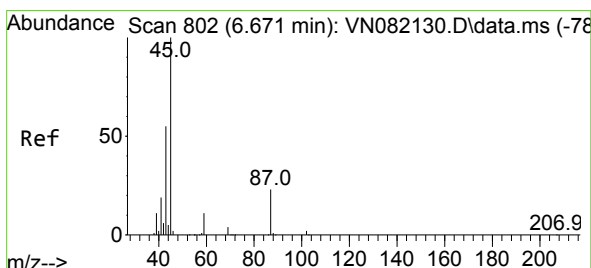
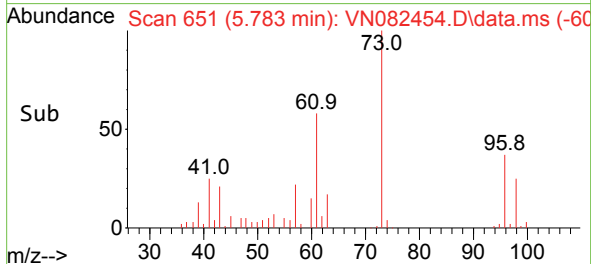
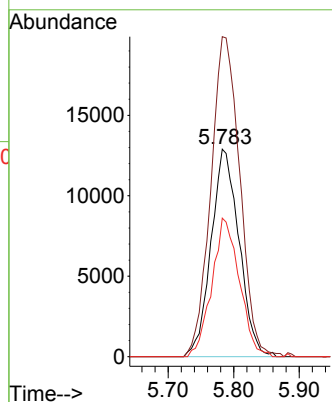
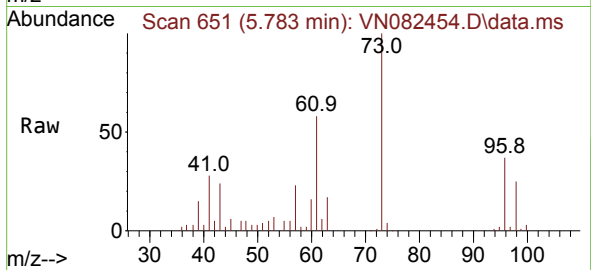




#21  
trans-1,2-Dichloroethene  
Concen: 18.779 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

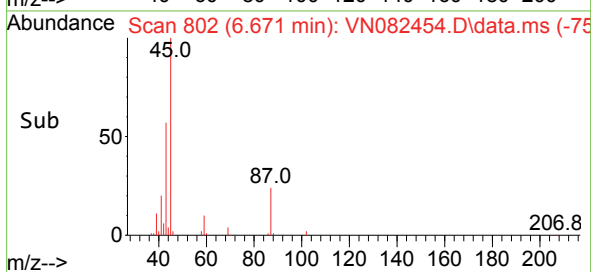
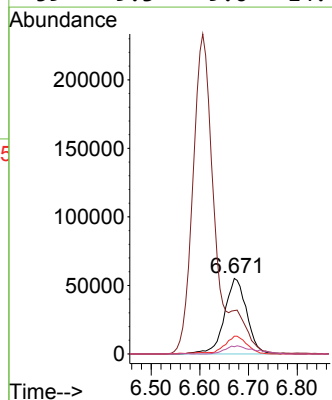
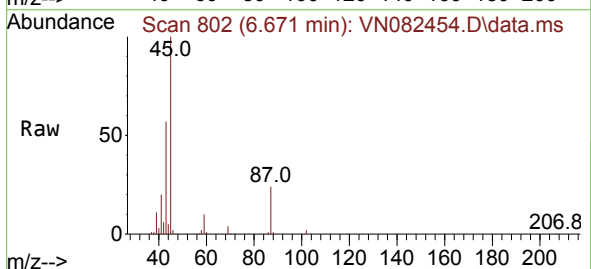
Instrument :  
MSVOA\_N  
ClientSampleId :

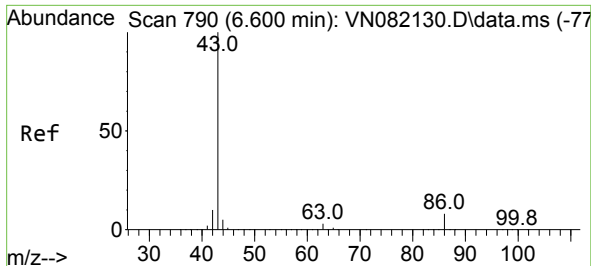
Tgt Ion: 96 Resp: 38217  
Ion Ratio Lower Upper  
96 100  
61 154.2 96.5 144.7#  
98 66.8 51.3 76.9



#22  
Diisopropyl ether  
Concen: 20.956 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 45 Resp: 174961  
Ion Ratio Lower Upper  
45 100  
43 56.1 44.1 66.1  
87 23.5 27.0 40.6#  
59 9.3 9.6 14.4#

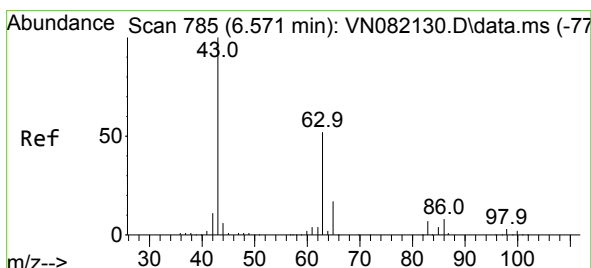
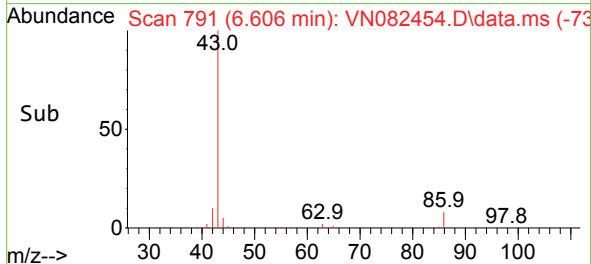
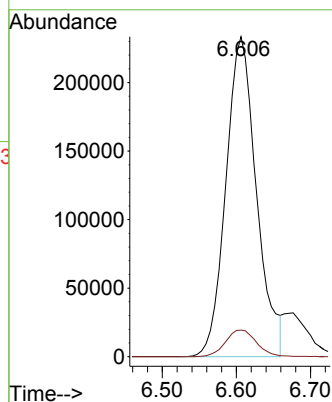
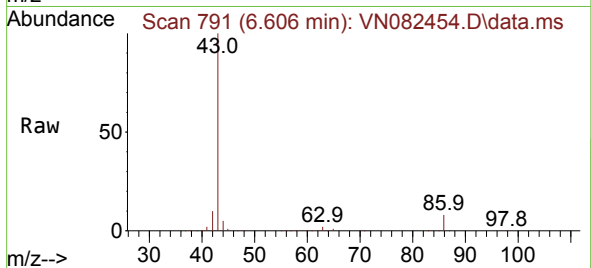




#23  
 Vinyl Acetate  
 Concen: 101.640 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN082454.D  
 Acq: 04 Jun 2024 12:02

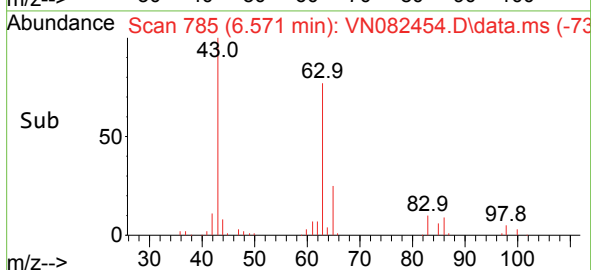
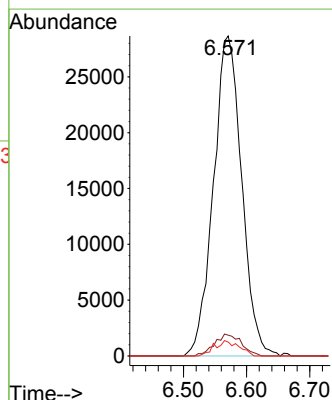
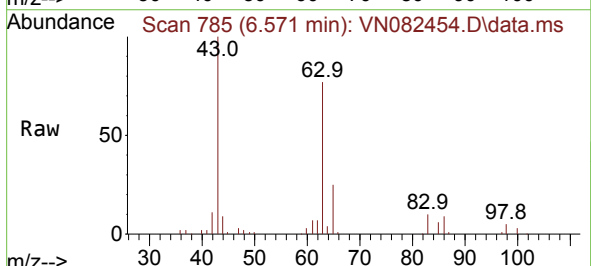
Instrument :  
 MSVOA\_N  
 ClientSampleId :

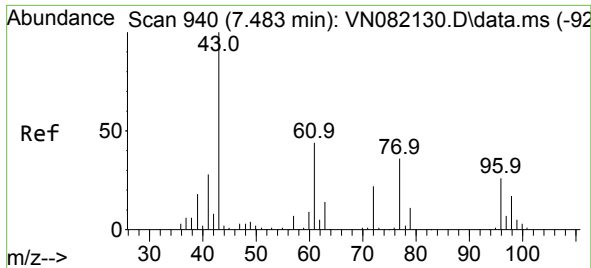
Tgt Ion: 43 Resp: 669040  
 Ion Ratio Lower Upper  
 43 100  
 86 8.3 10.2 15.4#



#24  
 1,1-Dichloroethane  
 Concen: 20.687 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. -0.000 min  
 Lab File: VN082454.D  
 Acq: 04 Jun 2024 12:02

Tgt Ion: 63 Resp: 89022  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.6 10.9  
 100 4.4 2.6 7.8

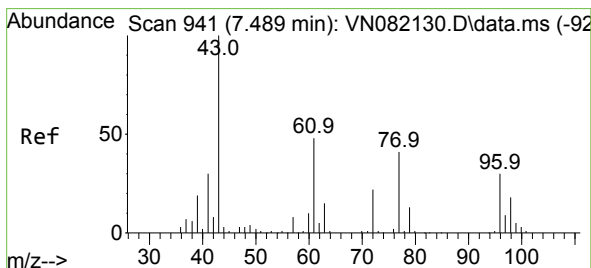
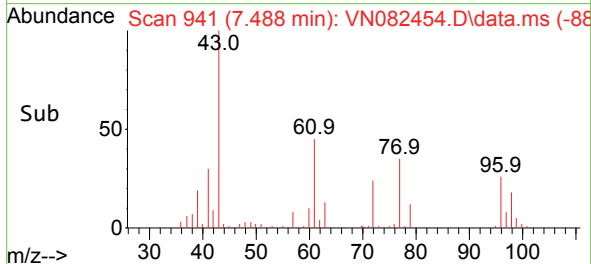
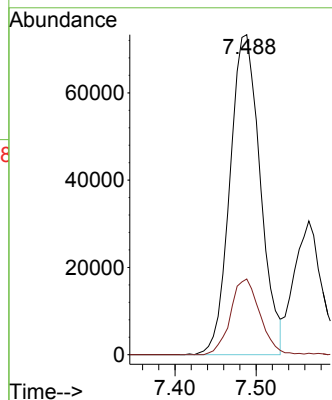
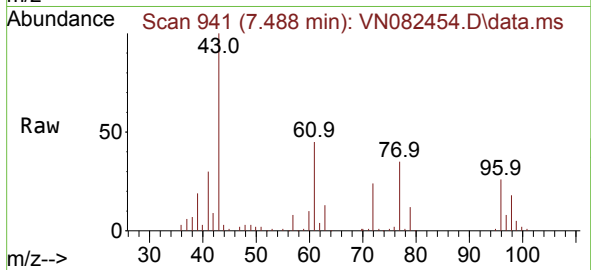




#25  
2-Butanone  
Concen: 113.508 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

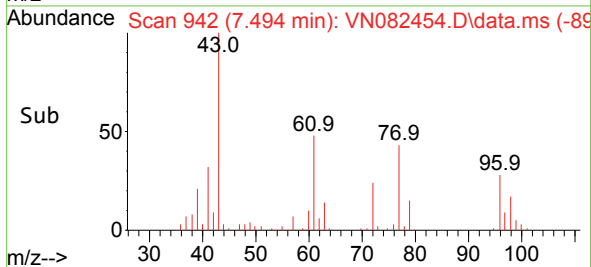
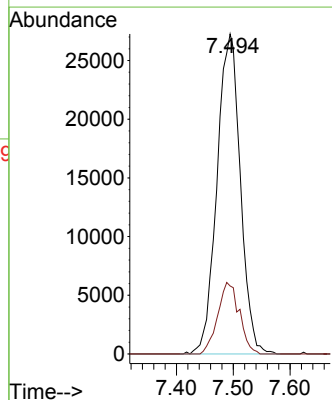
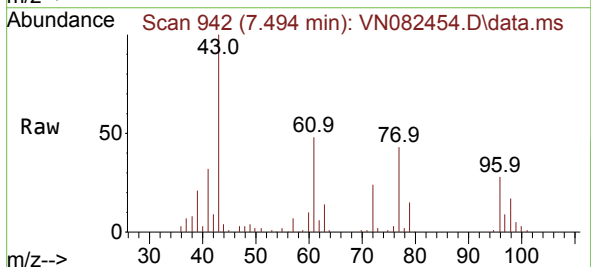
Instrument :  
MSVOA\_N  
ClientSampleId :

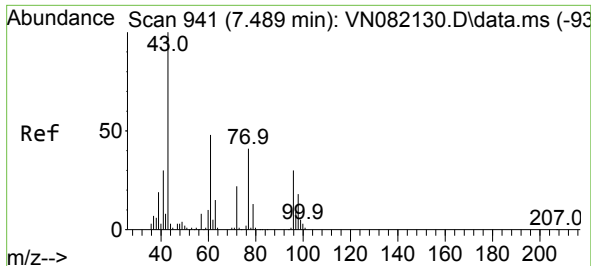
Tgt Ion: 43 Resp: 190615  
Ion Ratio Lower Upper  
43 100  
72 23.7 25.3 37.9#



#26  
2,2-Dichloropropane  
Concen: 21.631 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

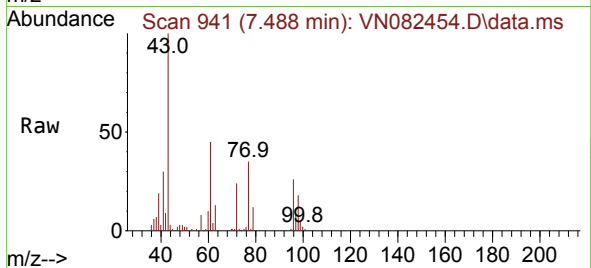
Tgt Ion: 77 Resp: 77967  
Ion Ratio Lower Upper  
77 100  
97 20.7 11.3 33.9



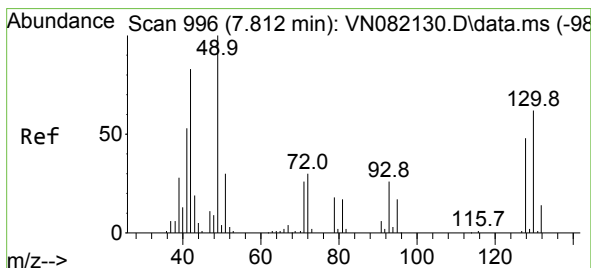
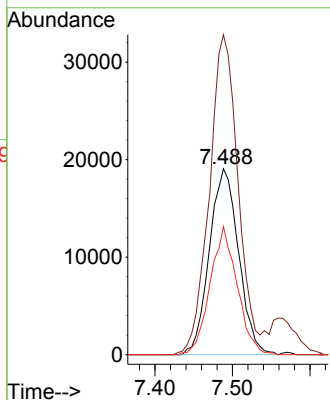
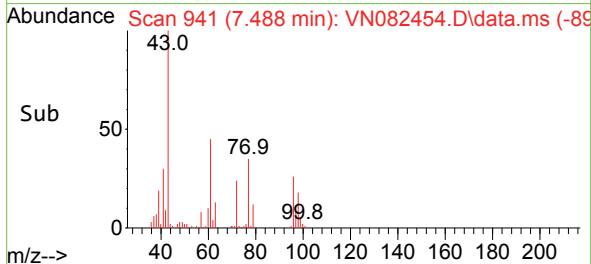


#27  
 cis-1,2-Dichloroethene  
 Concen: 20.829 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. -0.000 min  
 Lab File: VN082454.D  
 Acq: 04 Jun 2024 12:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :

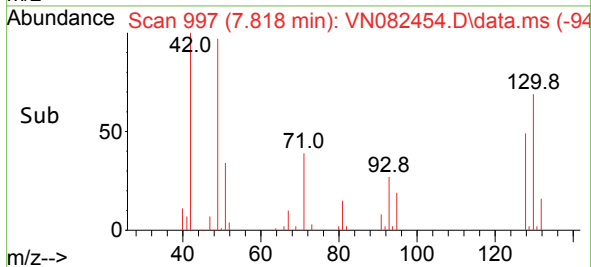
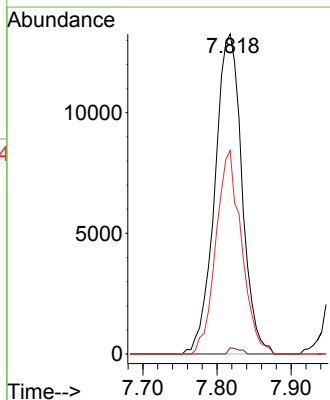
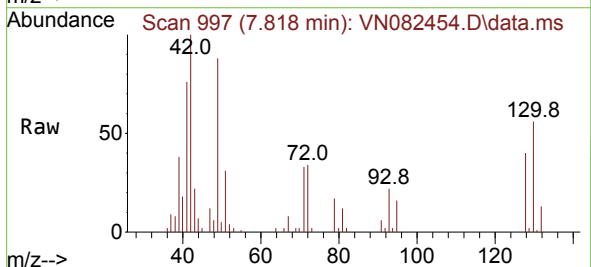


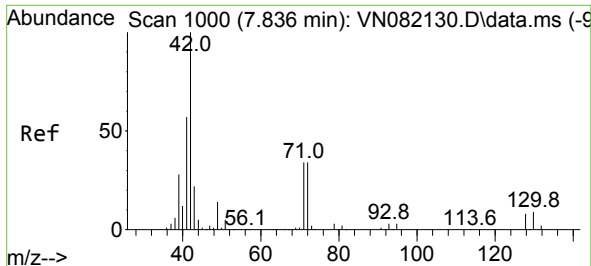
Tgt Ion: 96 Resp: 50024  
 Ion Ratio Lower Upper  
 96 100  
 61 168.5 0.0 268.0  
 98 63.8 0.0 126.8



#28  
 Bromochloromethane  
 Concen: 17.424 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN082454.D  
 Acq: 04 Jun 2024 12:02

Tgt Ion: 49 Resp: 33690  
 Ion Ratio Lower Upper  
 49 100  
 129 0.8 0.0 4.6  
 130 60.1 66.7 100.1#





#29

Tetrahydrofuran

Concen: 111.237 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

ClientSampleId :

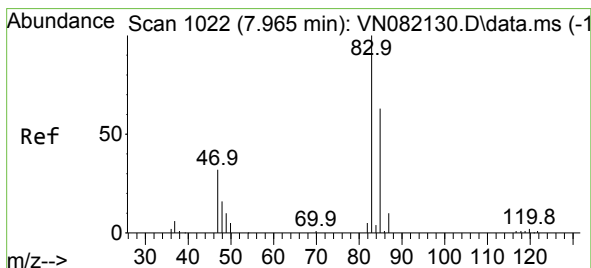
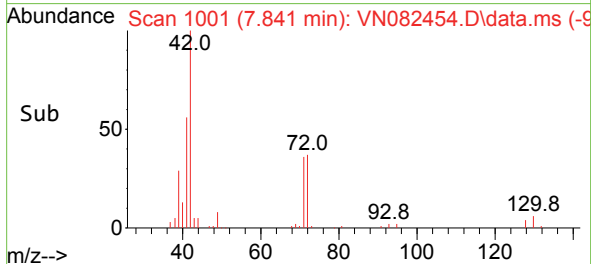
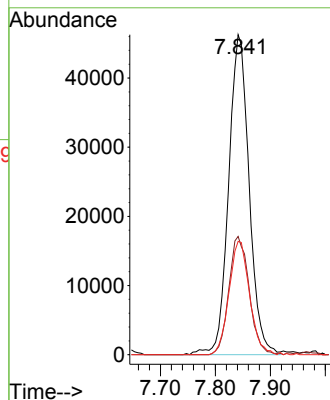
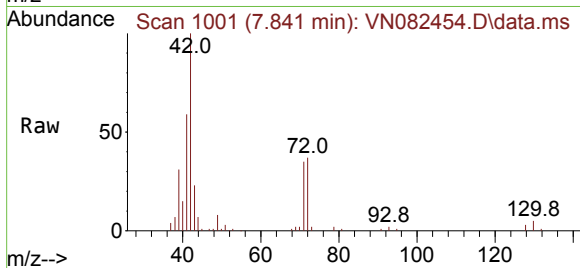
Tgt Ion: 42 Resp: 119936

Ion Ratio Lower Upper

42 100

72 36.6 39.3 58.9#

71 35.4 37.4 56.0#



#30

Chloroform

Concen: 22.473 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082454.D

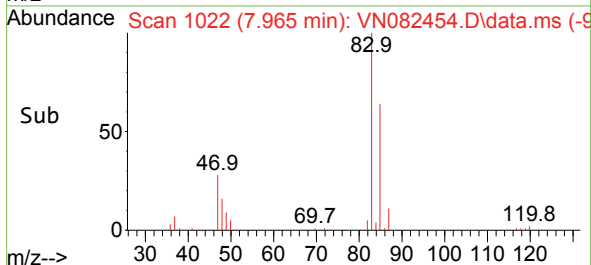
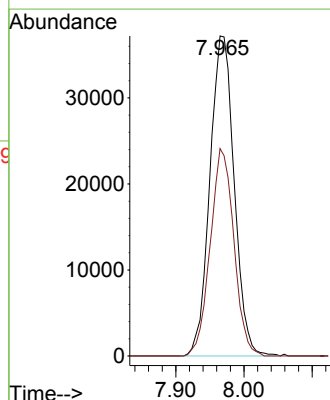
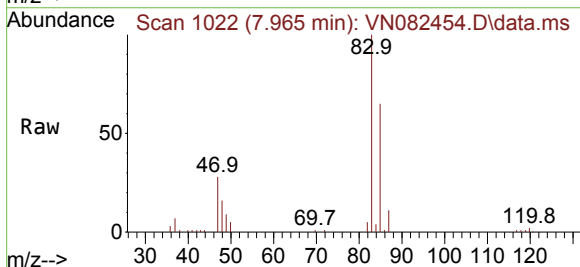
Acq: 04 Jun 2024 12:02

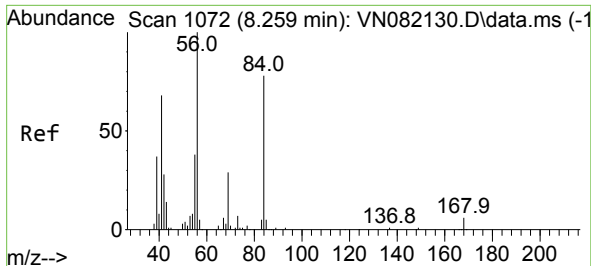
Tgt Ion: 83 Resp: 92351

Ion Ratio Lower Upper

83 100

85 64.8 50.7 76.1

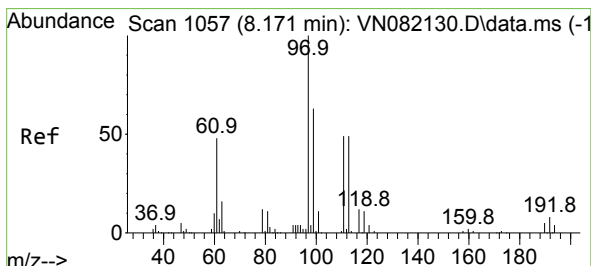
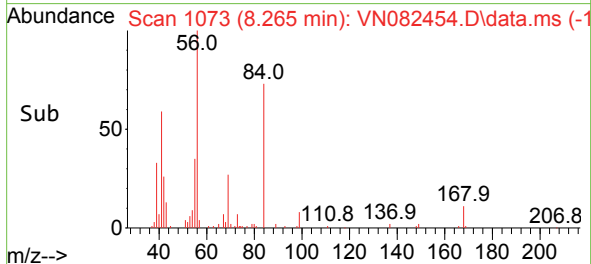
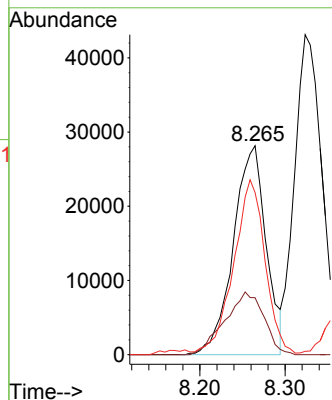
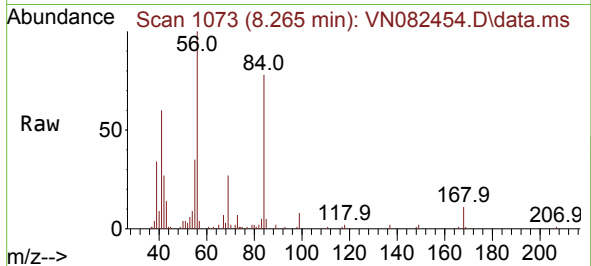




#31  
Cyclohexane  
Concen: 17.461 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

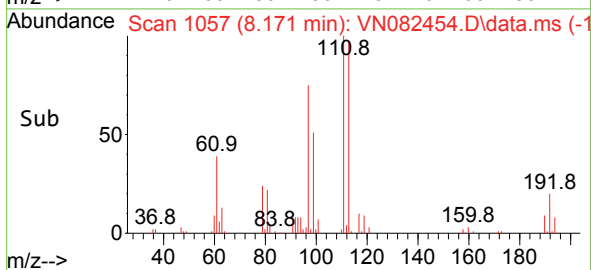
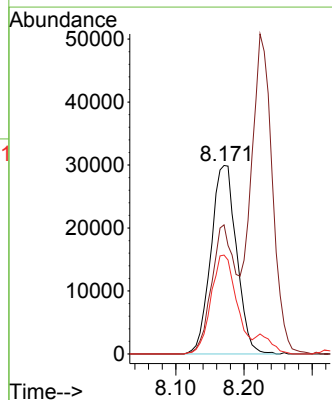
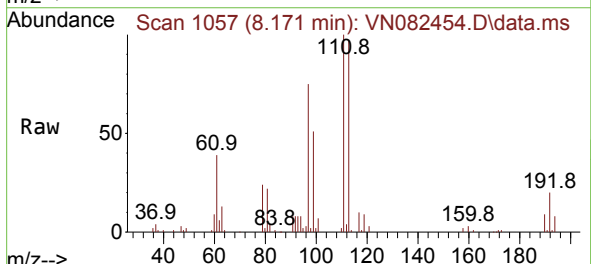
Instrument :  
MSVOA\_N  
ClientSampleId :

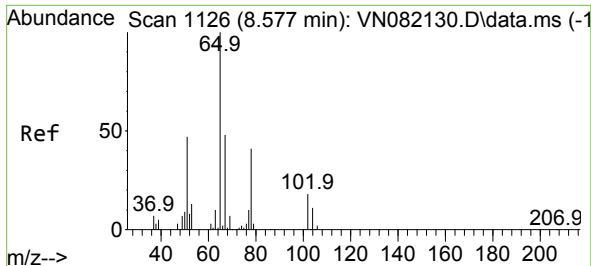
Tgt Ion: 56 Resp: 75299  
Ion Ratio Lower Upper  
56 100  
69 27.3 24.4 36.6  
84 76.0 77.0 115.4#



#32  
1,1,1-Trichloroethane  
Concen: 21.492 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 97 Resp: 78354  
Ion Ratio Lower Upper  
97 100  
99 63.5 50.3 75.5  
61 52.5 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.574 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

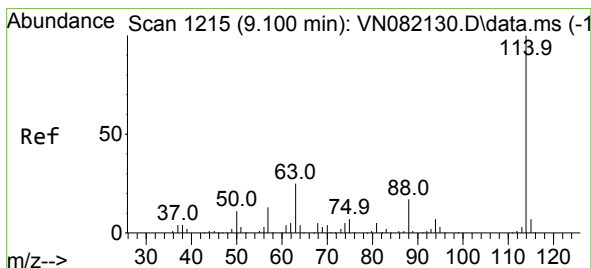
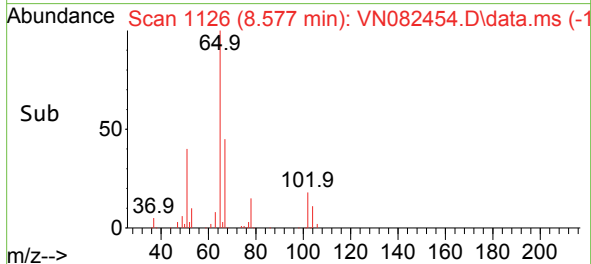
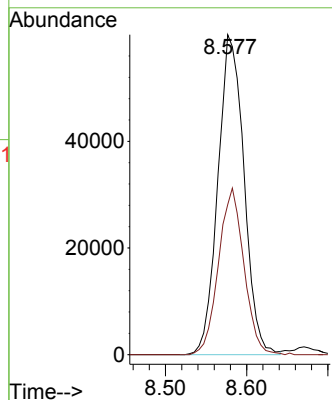
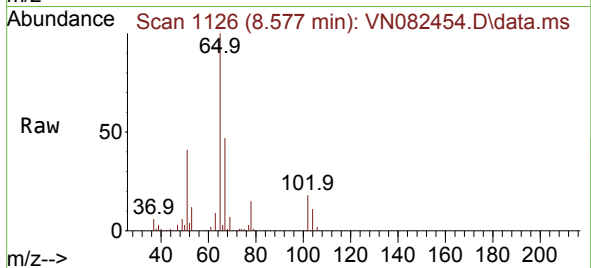
ClientSampleId :

Tgt Ion: 65 Resp: 133853

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

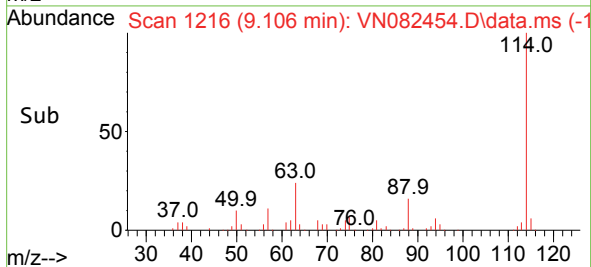
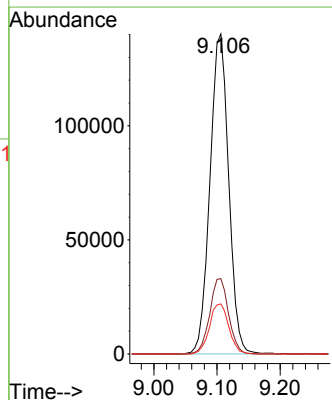
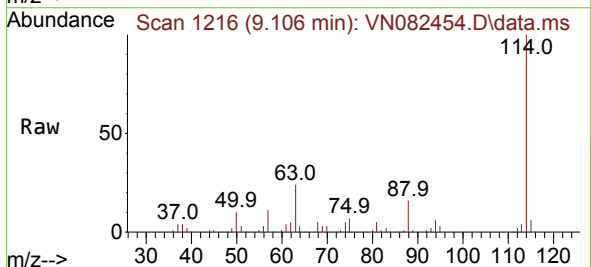
Tgt Ion: 114 Resp: 288448

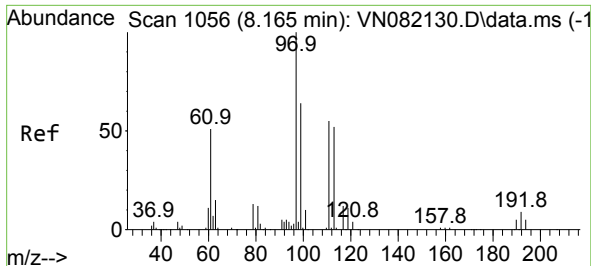
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 15.7 0.0 31.4

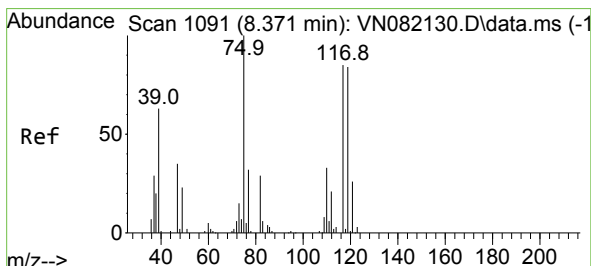
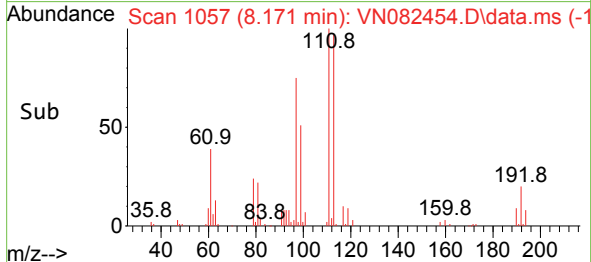
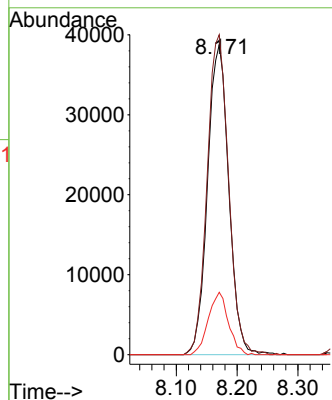
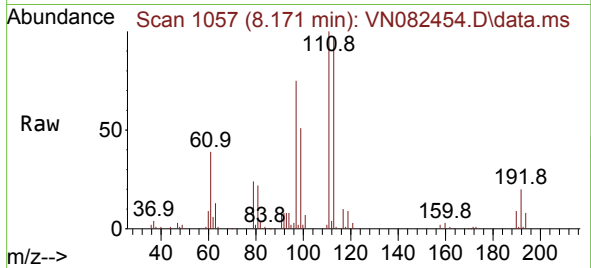




#35  
Dibromofluoromethane  
Concen: 53.044 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

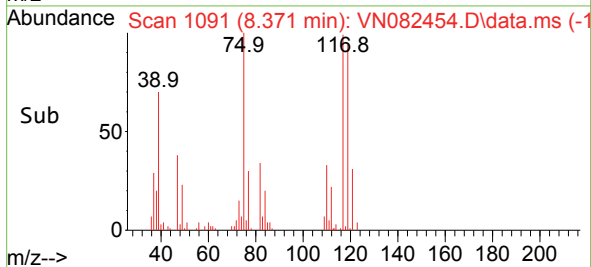
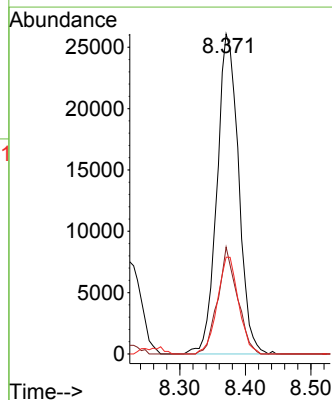
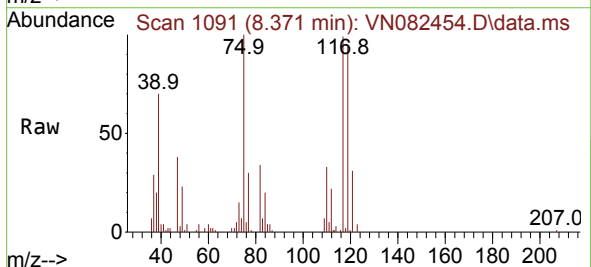
Instrument :  
MSVOA\_N  
ClientSampleId :

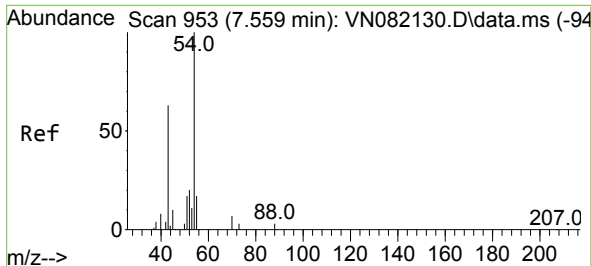
Tgt Ion:113 Resp: 94121  
Ion Ratio Lower Upper  
113 100  
111 104.1 83.4 125.2  
192 19.1 14.0 21.0



#36  
1,1-Dichloropropene  
Concen: 20.015 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

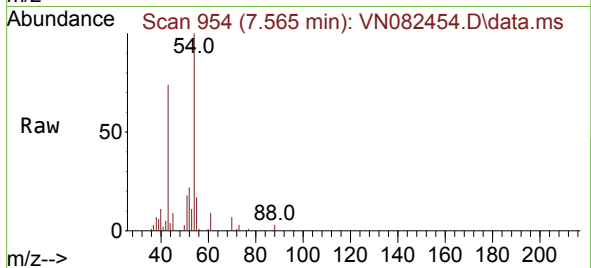
Tgt Ion: 75 Resp: 59565  
Ion Ratio Lower Upper  
75 100  
110 30.3 17.8 53.5  
77 29.8 25.0 37.4



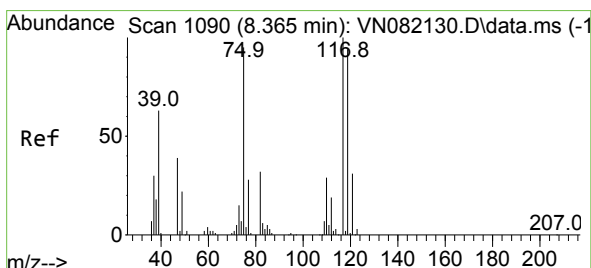
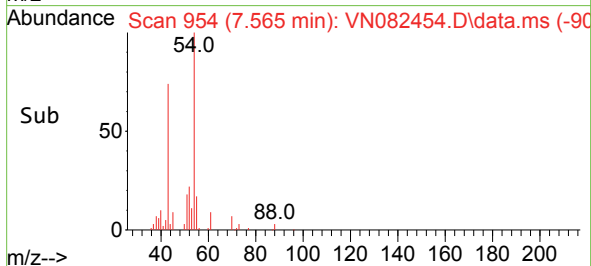
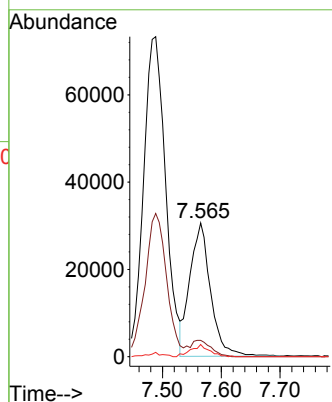


#37  
Ethyl Acetate  
Concen: 22.509 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :

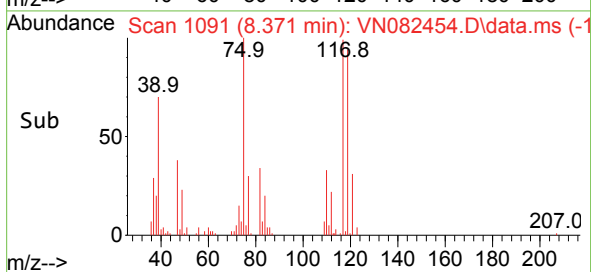
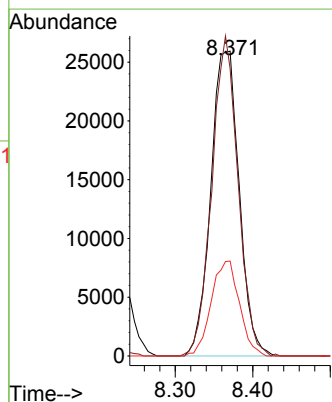
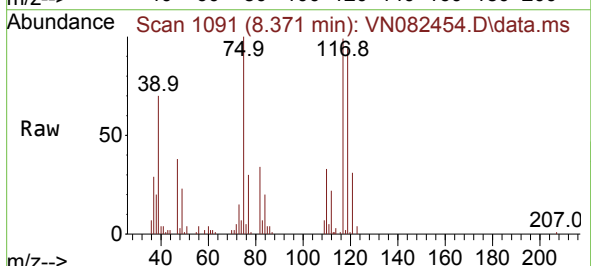


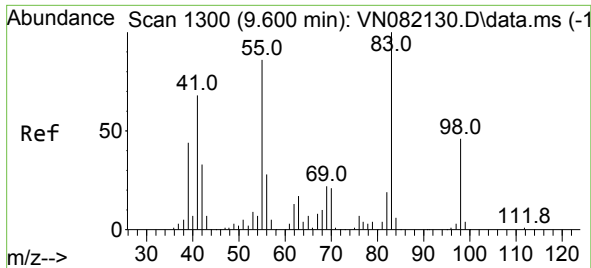
Tgt Ion: 43 Resp: 74965  
Ion Ratio Lower Upper  
43 100  
61 10.6 11.3 16.9#  
70 8.1 8.7 13.1#



#38  
Carbon Tetrachloride  
Concen: 21.930 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 117 Resp: 66156  
Ion Ratio Lower Upper  
117 100  
119 94.3 76.5 114.7  
121 31.1 23.9 35.9

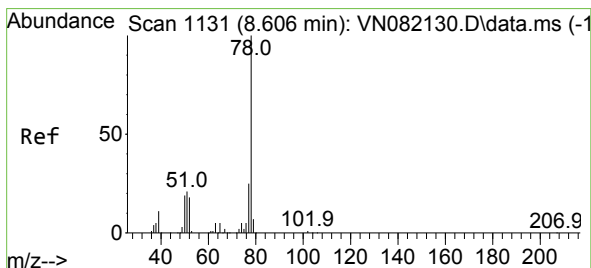
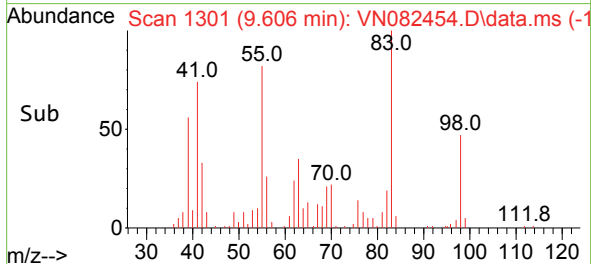
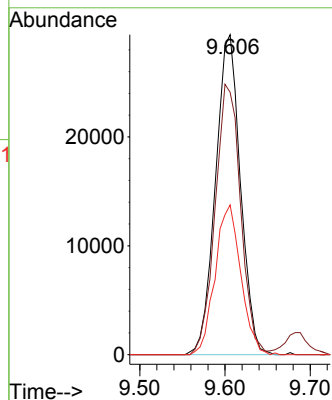
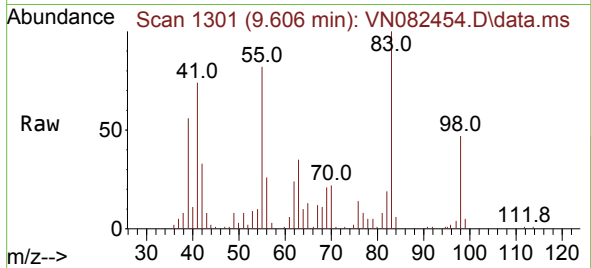




#39  
Methylcyclohexane  
Concen: 18.333 ug/l  
RT: 9.606 min Scan# 1130  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

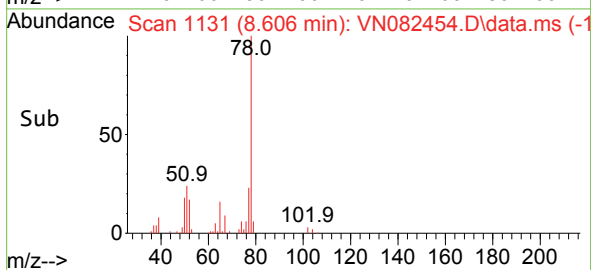
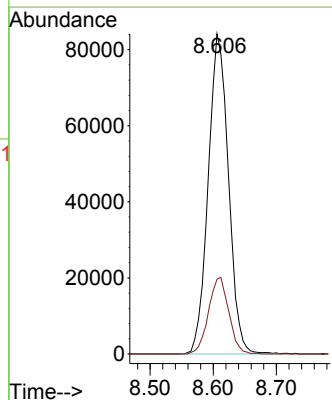
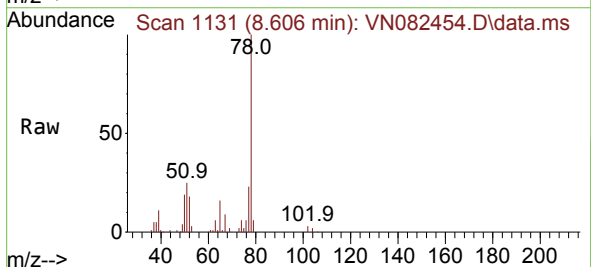
Instrument :  
MSVOA\_N  
ClientSampleId :

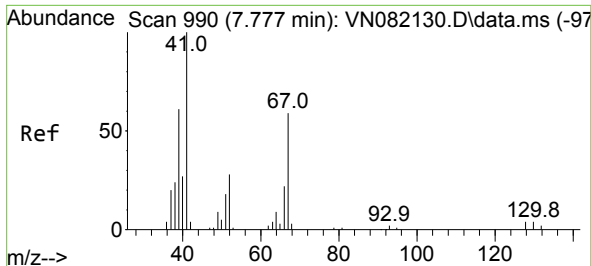
Tgt Ion: 83 Resp: 59804  
Ion Ratio Lower Upper  
83 100  
55 82.0 53.0 79.6#  
98 46.8 37.1 55.7



#40  
Benzene  
Concen: 21.137 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

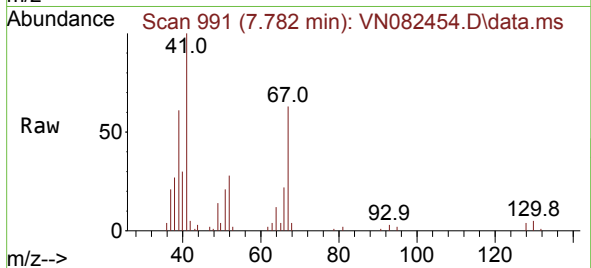
Tgt Ion: 78 Resp: 187574  
Ion Ratio Lower Upper  
78 100  
77 23.4 20.0 30.0



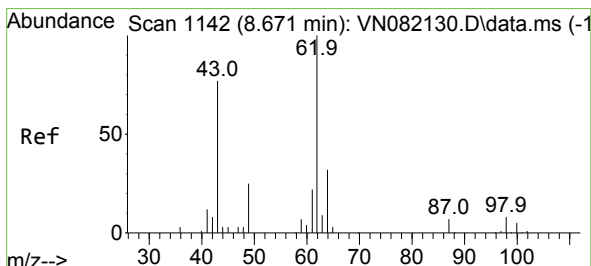
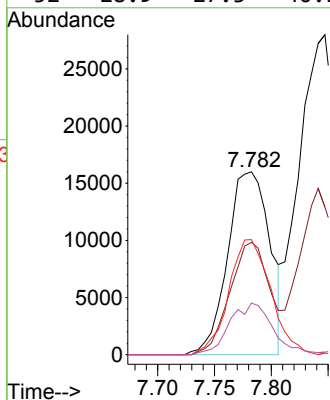
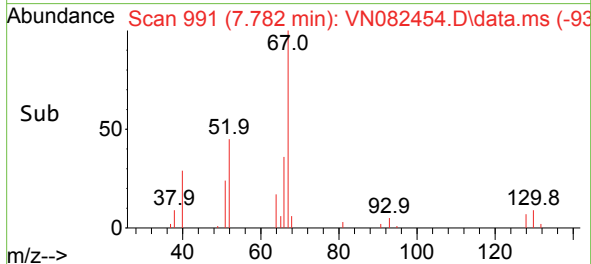


#41  
Methacrylonitrile  
Concen: 21.130 ug/l  
RT: 7.782 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :

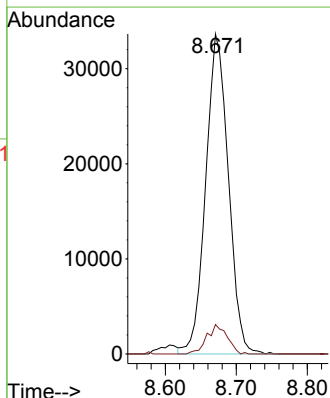
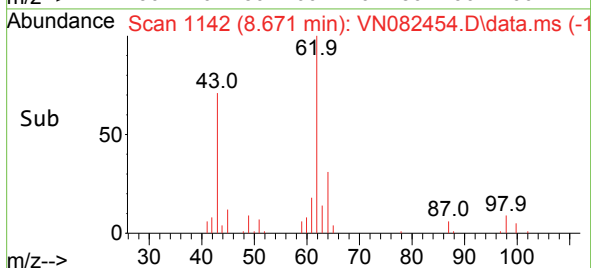
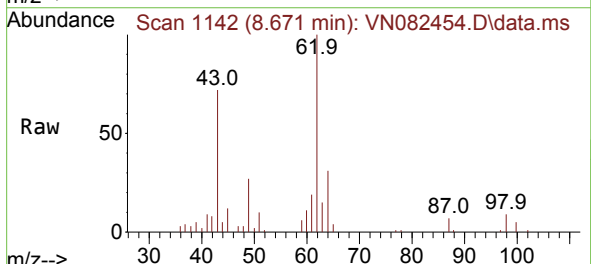


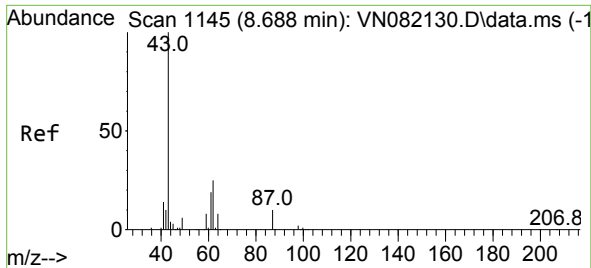
Tgt Ion: 41 Resp: 41386  
Ion Ratio Lower Upper  
41 100  
39 57.0 46.6 69.8  
67 62.7 67.3 100.9#  
52 28.9 27.3 40.9



#42  
1,2-Dichloroethane  
Concen: 21.888 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

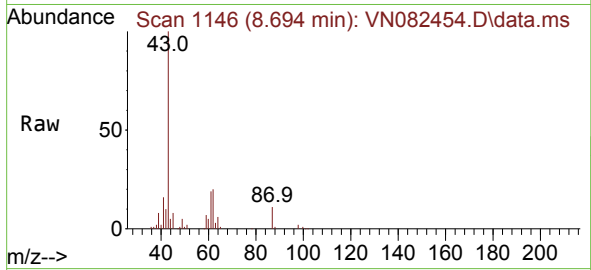
Tgt Ion: 62 Resp: 74705  
Ion Ratio Lower Upper  
62 100  
98 8.2 0.0 19.6



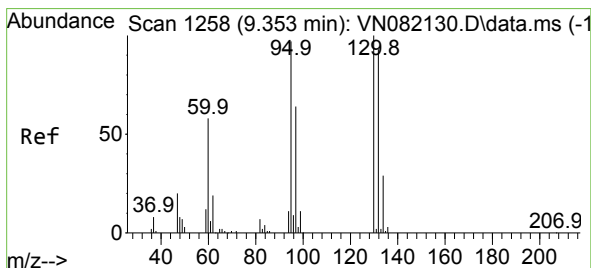
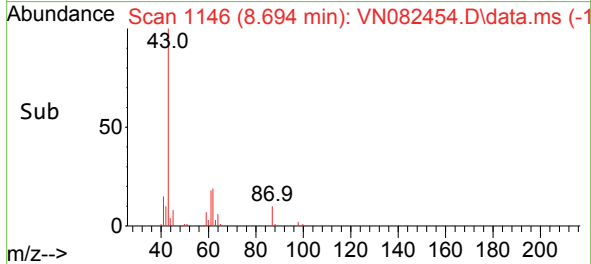
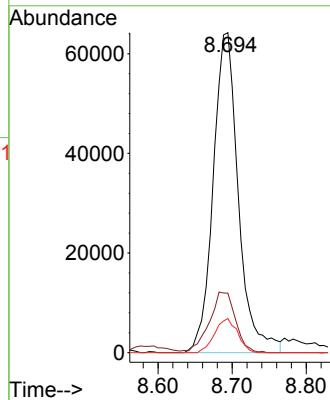


#43  
Isopropyl Acetate  
Concen: 25.755 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :

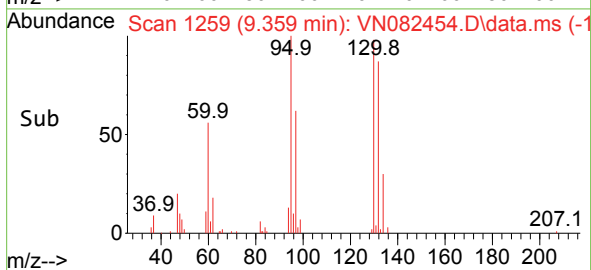
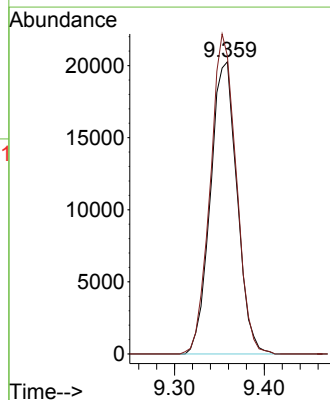
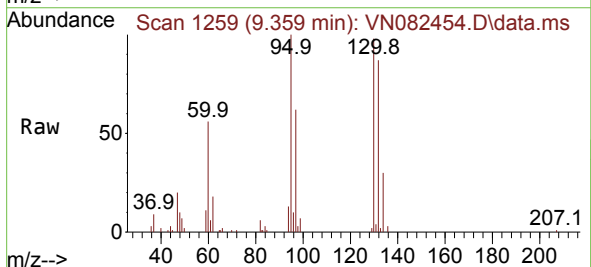


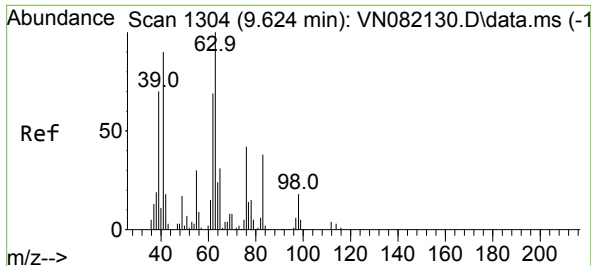
Tgt Ion: 43 Resp: 151988  
Ion Ratio Lower Upper  
43 100  
61 19.7 22.8 34.2#  
87 9.6 12.0 18.0#



#44  
Trichloroethene  
Concen: 20.723 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion:130 Resp: 41775  
Ion Ratio Lower Upper  
130 100  
95 102.0 0.0 195.4





#45

1,2-Dichloropropane

Concen: 21.910 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

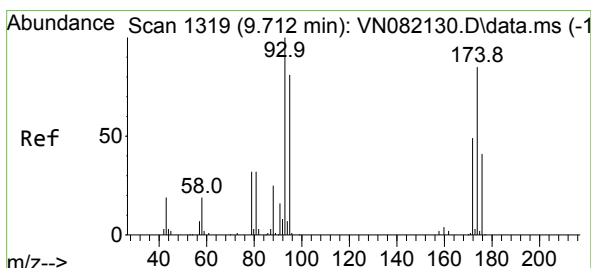
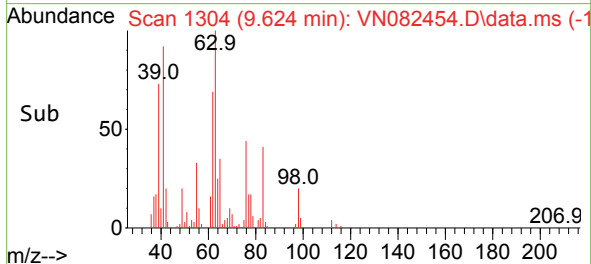
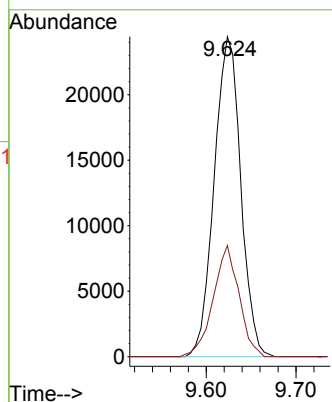
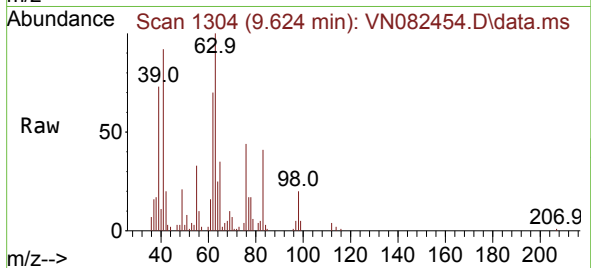
ClientSampleId :

Tgt Ion: 63 Resp: 50167

Ion Ratio Lower Upper

63 100

65 34.8 24.1 36.1



#46

Dibromomethane

Concen: 22.538 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

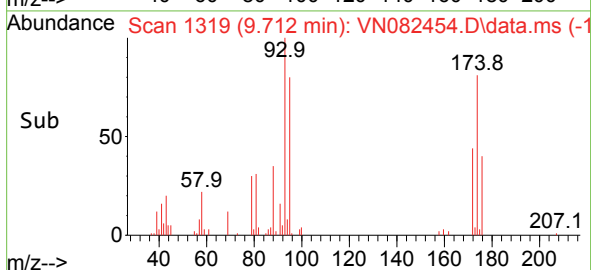
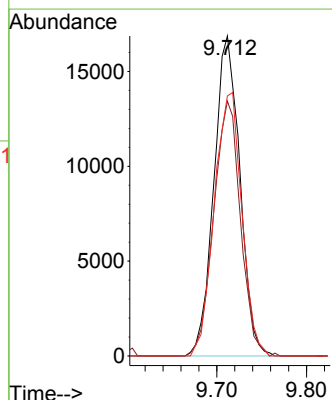
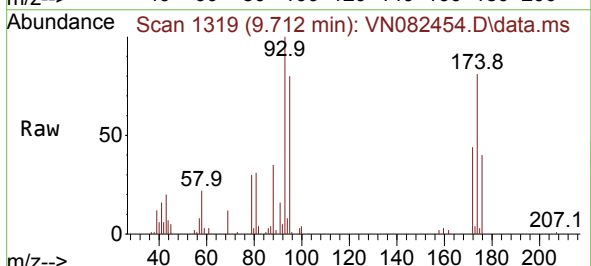
Tgt Ion: 93 Resp: 33880

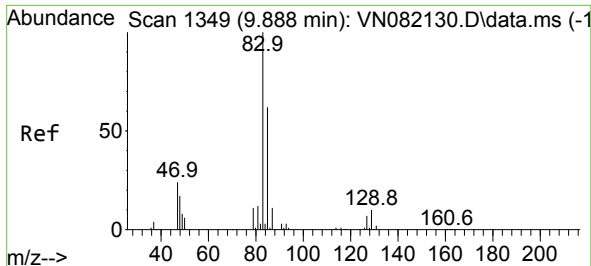
Ion Ratio Lower Upper

93 100

95 81.9 64.8 97.2

174 87.3 73.4 110.0





#47

Bromodichloromethane

Concen: 22.885 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082454.D

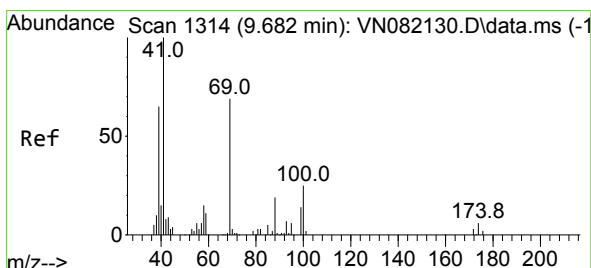
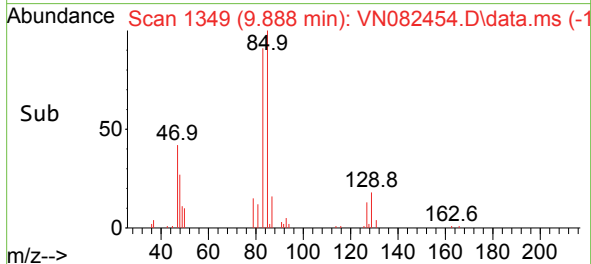
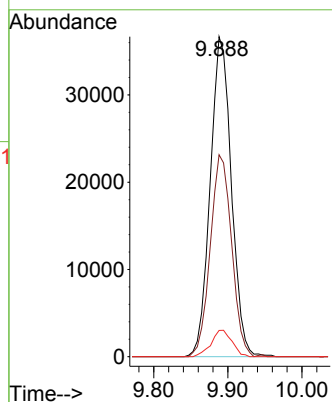
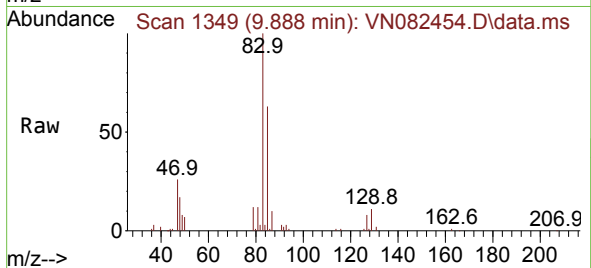
Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 72626 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.1  | 51.9  | 77.9  |
| 127      | 8.2   | 7.5   | 11.3  |



#48

Methyl methacrylate

Concen: 22.376 ug/l

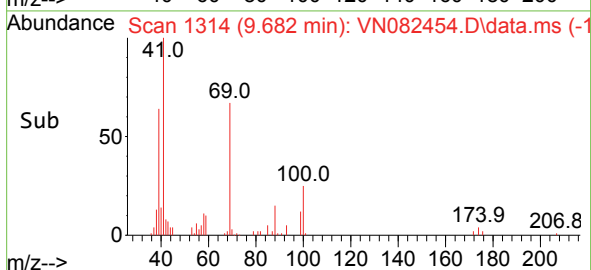
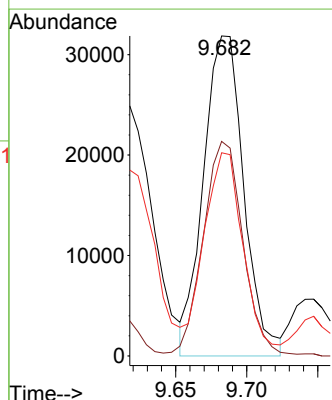
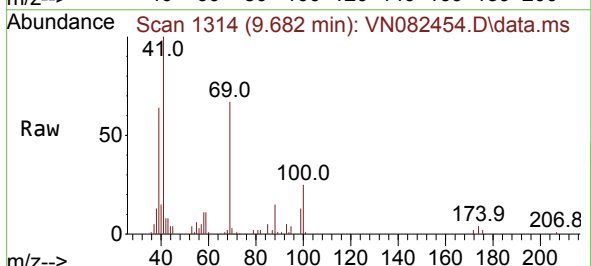
RT: 9.682 min Scan# 1314

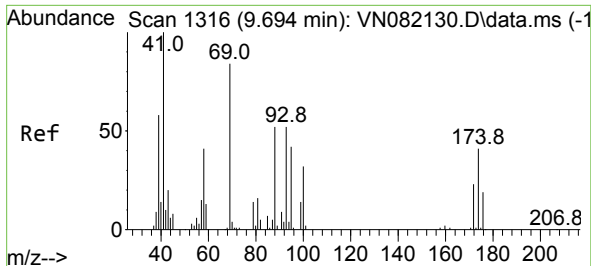
Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 62920  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 66.4  | 77.9  | 116.9# |
| 39       | 62.0  | 50.9  | 76.3   |





#49

1,4-Dioxane

Concen: 493.787 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

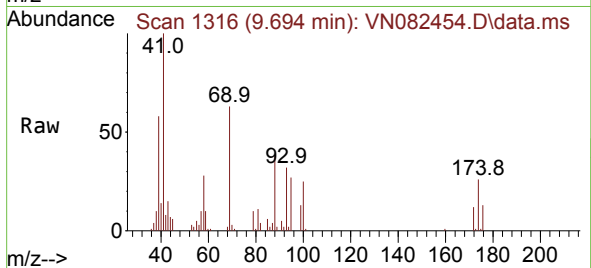
Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

ClientSampleId :



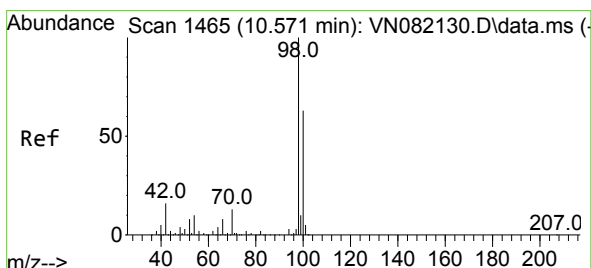
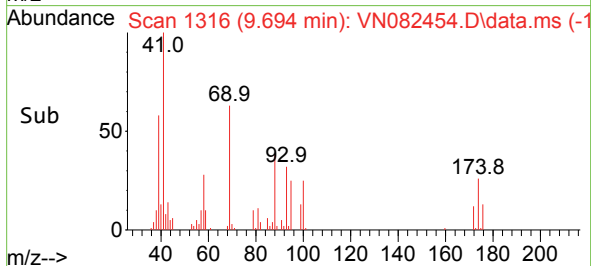
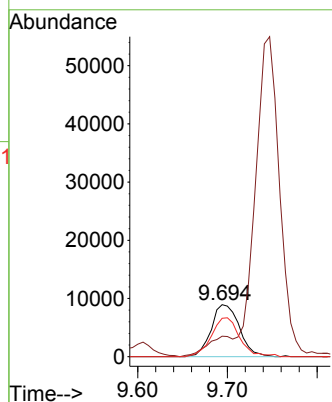
Tgt Ion: 88 Resp: 19457

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 75.3 50.6 76.0



#50

Toluene-d8

Concen: 50.110 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082454.D

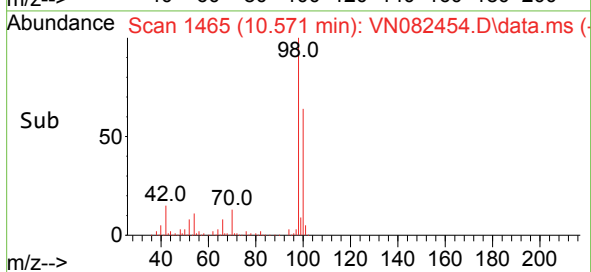
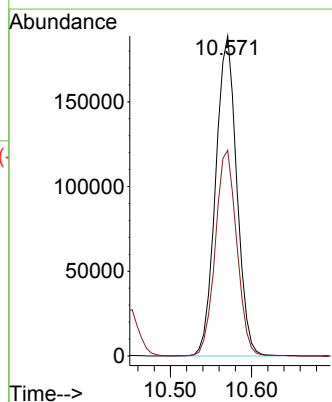
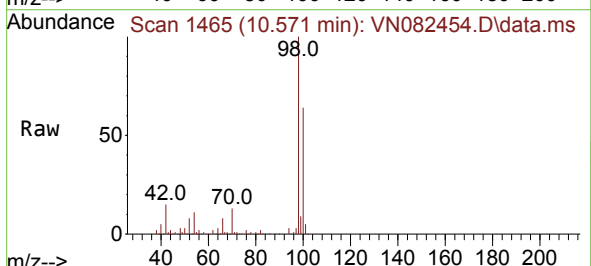
Acq: 04 Jun 2024 12:02

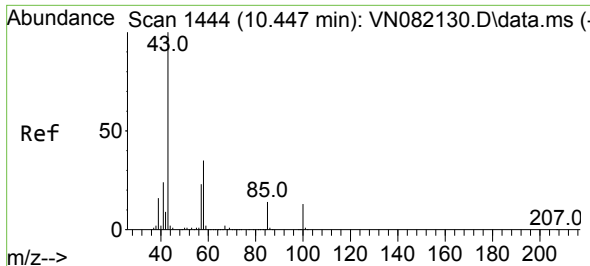
Tgt Ion: 98 Resp: 340895

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.6

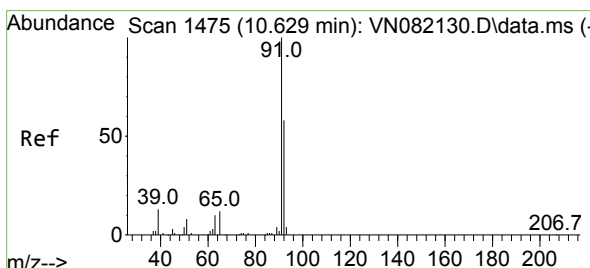
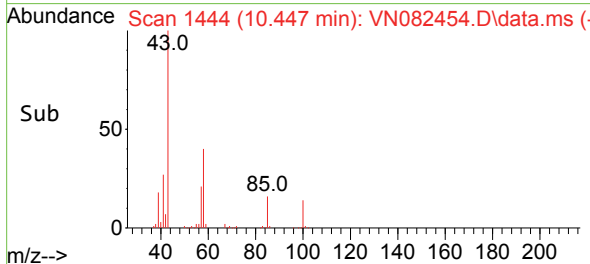
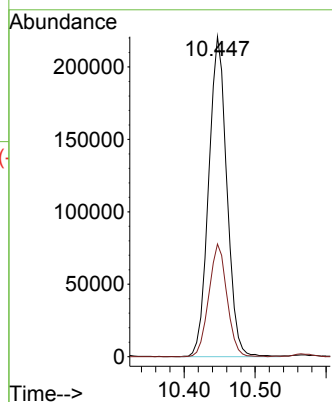
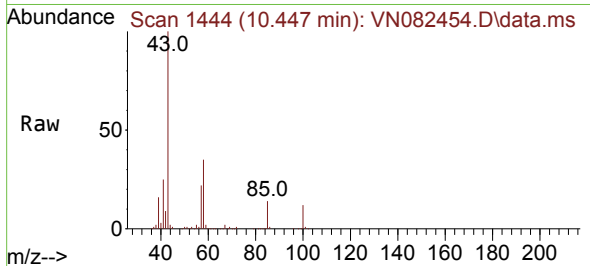




#51  
4-Methyl-2-Pentanone  
Concen: 117.241 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

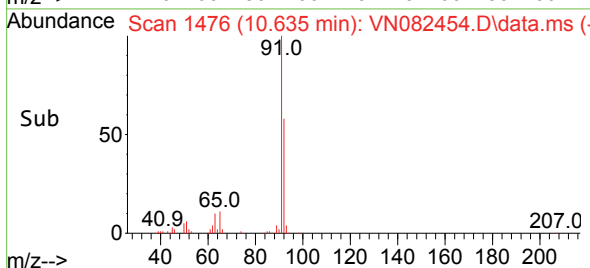
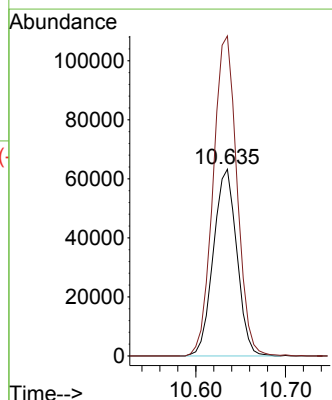
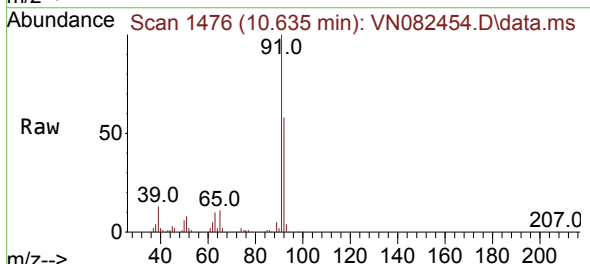
Instrument :  
MSVOA\_N  
ClientSampleId :

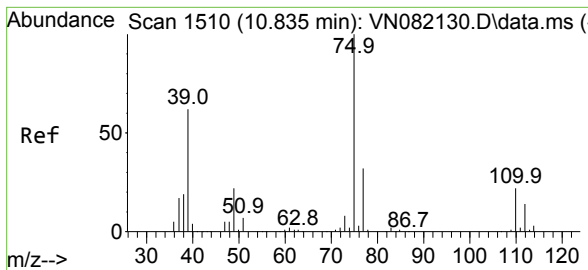
Tgt Ion: 43 Resp: 393102  
Ion Ratio Lower Upper  
43 100  
58 35.0 33.2 49.8



#52  
Toluene  
Concen: 21.581 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 92 Resp: 114932  
Ion Ratio Lower Upper  
92 100  
91 174.2 136.7 205.1

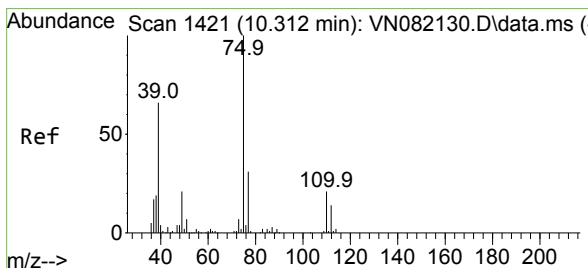
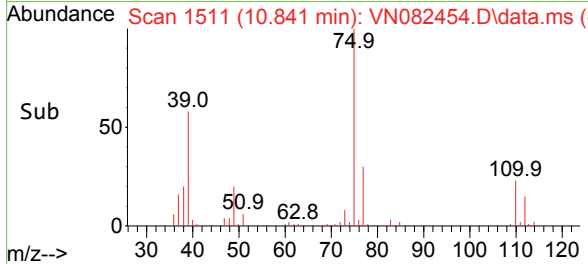
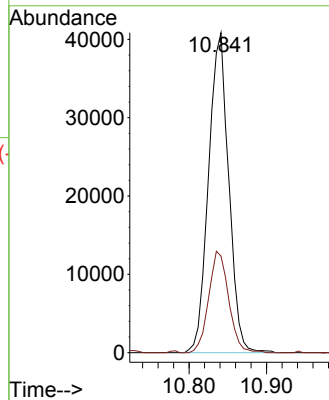
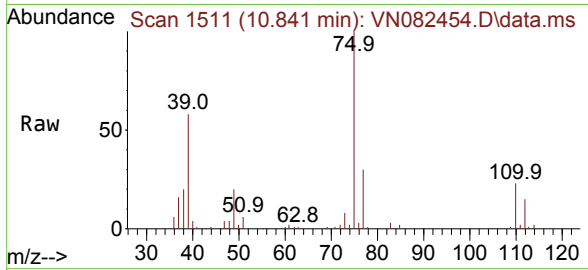




#53  
 t-1,3-Dichloropropene  
 Concen: 22.549 ug/l  
 RT: 10.841 min Scan# 1511  
 Delta R.T. 0.006 min  
 Lab File: VN082454.D  
 Acq: 04 Jun 2024 12:02

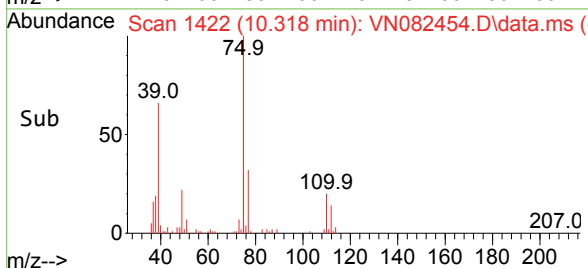
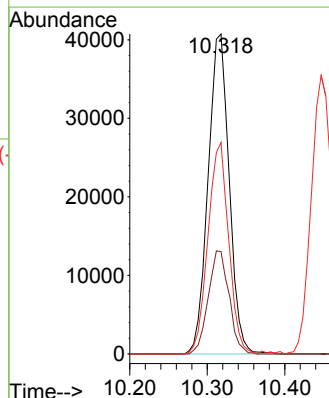
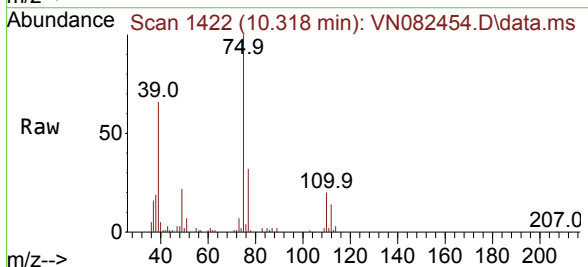
Instrument :  
 MSVOA\_N  
 ClientSampleId :

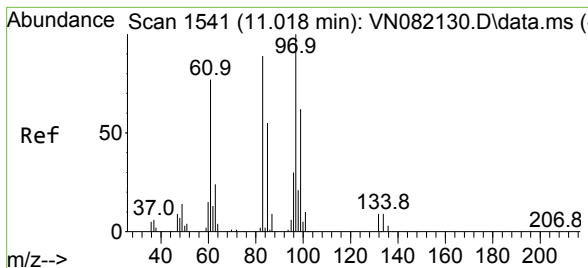
Tgt Ion: 75 Resp: 74009  
 Ion Ratio Lower Upper  
 75 100  
 77 30.2 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 22.144 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. 0.006 min  
 Lab File: VN082454.D  
 Acq: 04 Jun 2024 12:02

Tgt Ion: 75 Resp: 76931  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 25.0 37.4  
 39 66.1 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 23.730 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

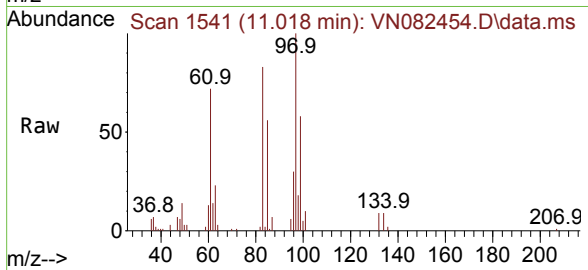
Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 45925

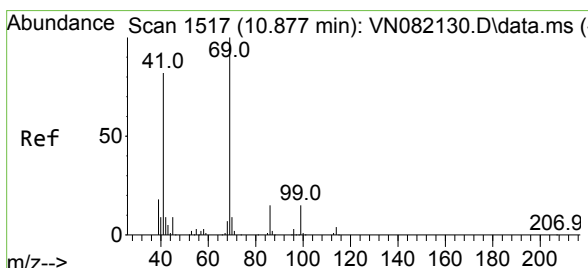
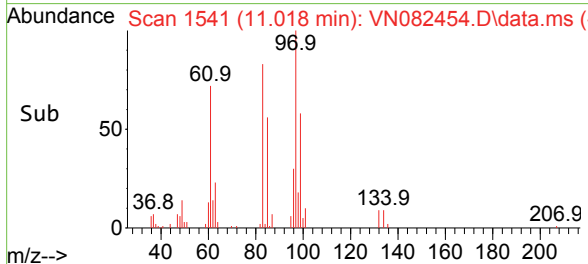
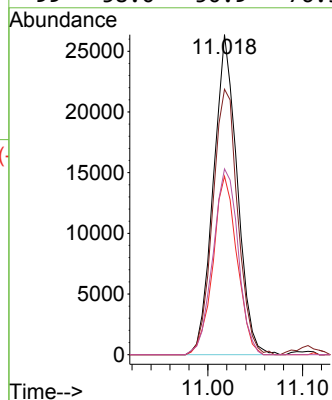
Ion Ratio Lower Upper

97 100

83 82.9 70.4 105.6

85 55.7 45.6 68.4

99 58.0 50.9 76.3



#56

Ethyl methacrylate

Concen: 22.189 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

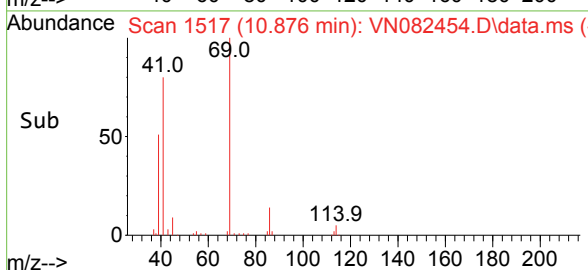
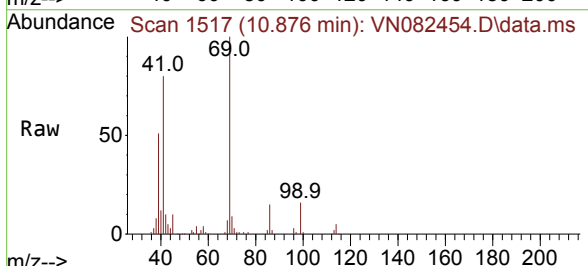
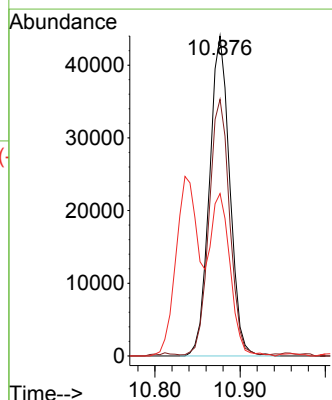
Tgt Ion: 69 Resp: 72909

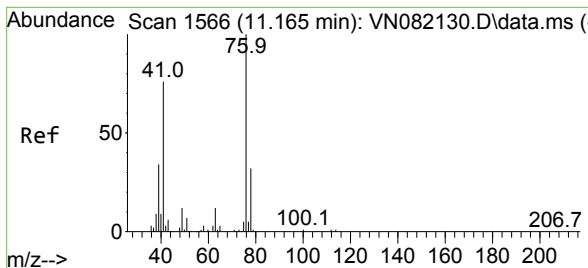
Ion Ratio Lower Upper

69 100

41 80.5 46.6 70.0#

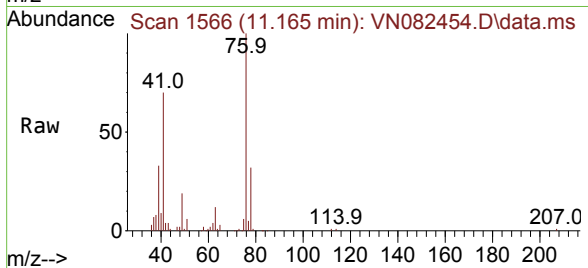
39 48.7 26.5 39.7#



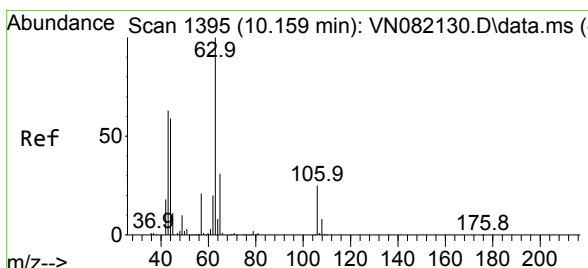
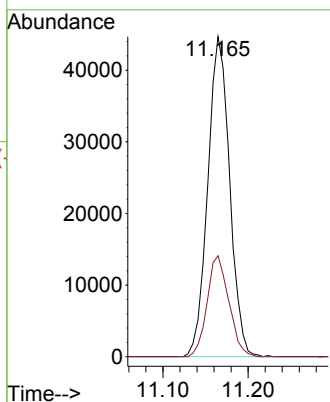
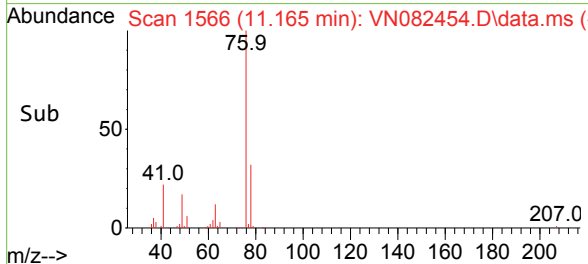


#57  
1,3-Dichloropropane  
Concen: 22.012 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :

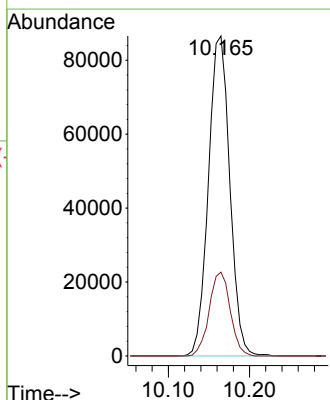
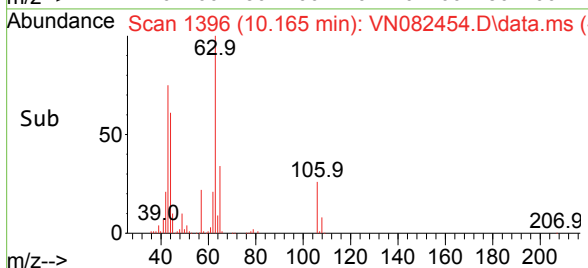
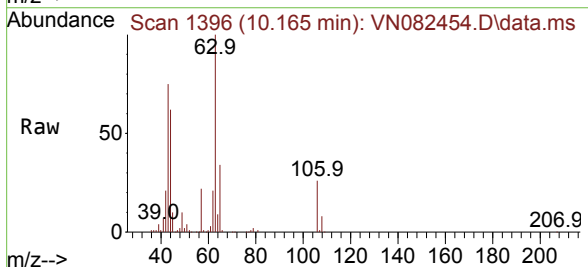


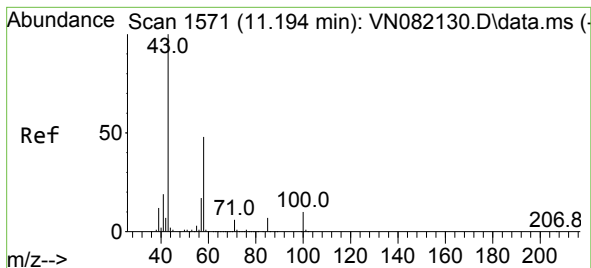
Tgt Ion: 76 Resp: 79652  
Ion Ratio Lower Upper  
76 100  
78 31.3 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 93.340 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

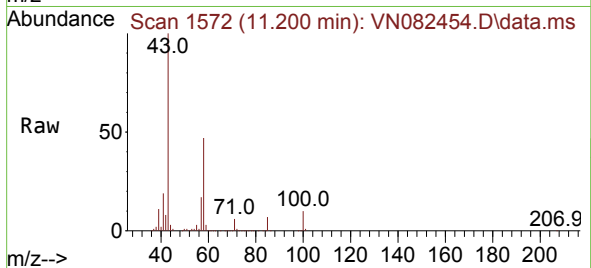
Tgt Ion: 63 Resp: 158195  
Ion Ratio Lower Upper  
63 100  
106 25.8 24.6 36.8



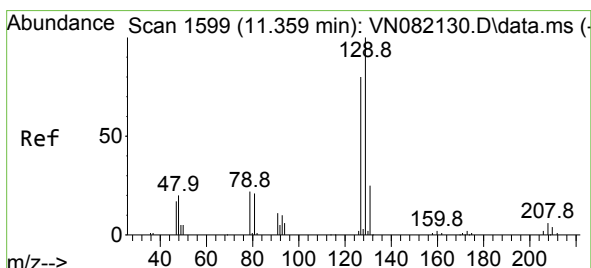
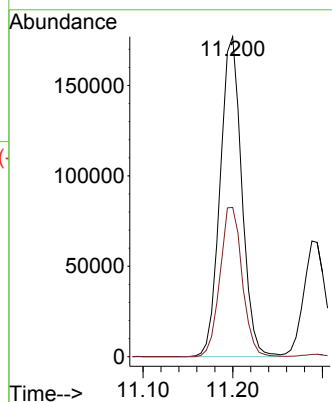
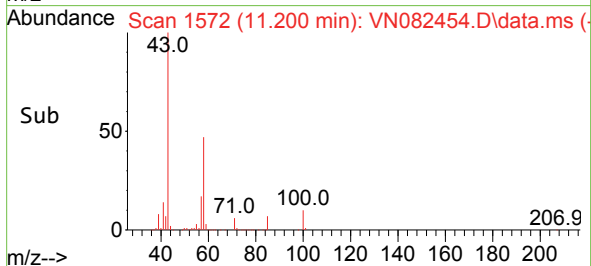


#59  
2-Hexanone  
Concen: 120.641 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :

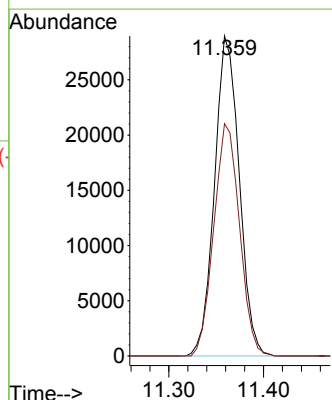
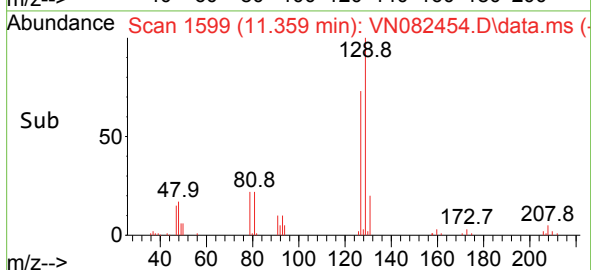
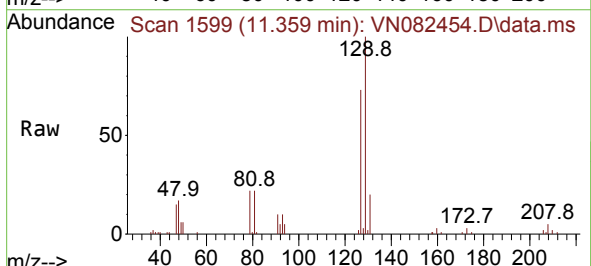


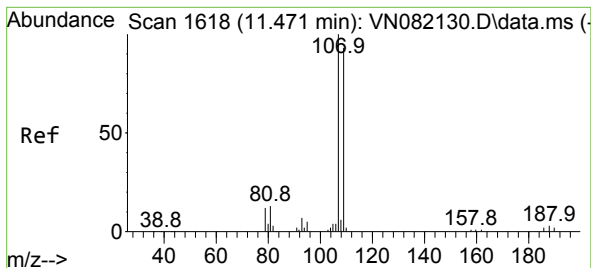
Tgt Ion: 43 Resp: 296180  
Ion Ratio Lower Upper  
43 100  
58 47.9 28.3 84.9



#60  
Dibromochloromethane  
Concen: 24.643 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 129 Resp: 52632  
Ion Ratio Lower Upper  
129 100  
127 75.5 38.3 114.8

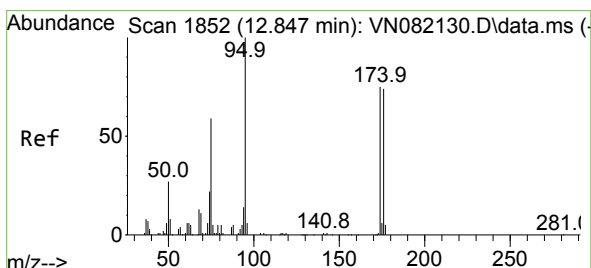
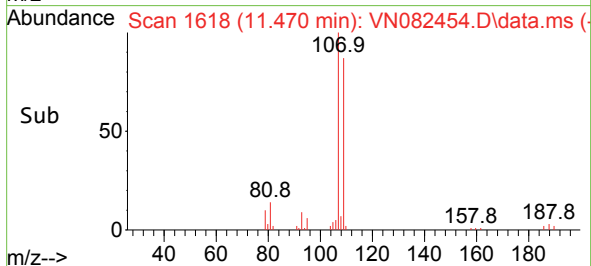
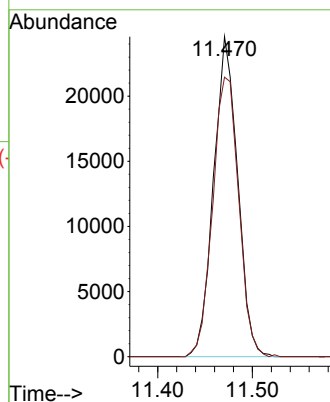
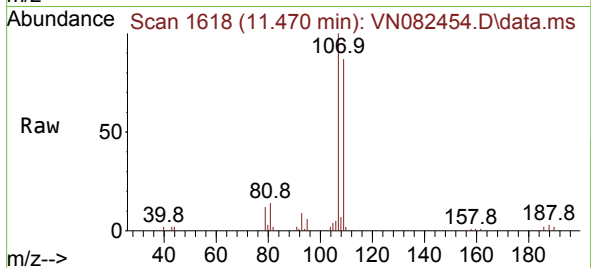




#61  
1,2-Dibromoethane  
Concen: 21.776 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

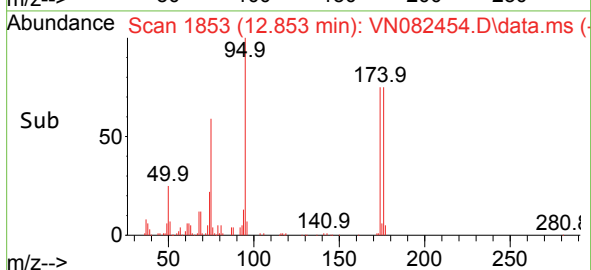
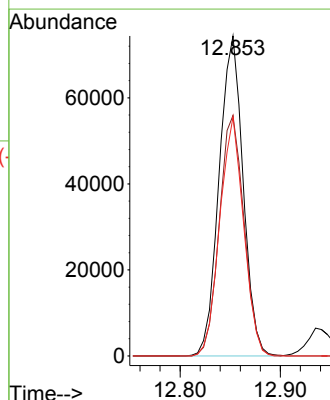
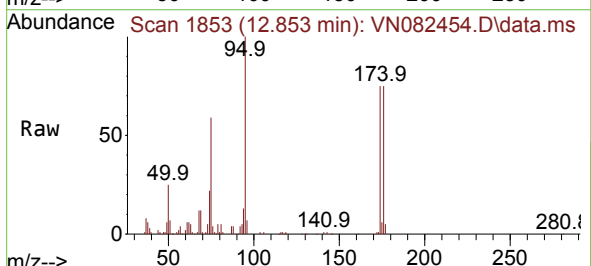
Instrument :  
MSVOA\_N  
ClientSampleId :

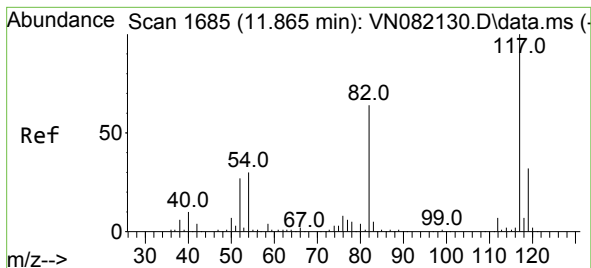
Tgt Ion:107 Resp: 43287  
Ion Ratio Lower Upper  
107 100  
109 94.8 75.8 113.6



#62  
4-Bromofluorobenzene  
Concen: 50.860 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 95 Resp: 123493  
Ion Ratio Lower Upper  
95 100  
174 77.4 0.0 160.6  
176 74.2 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

ClientSampleId :

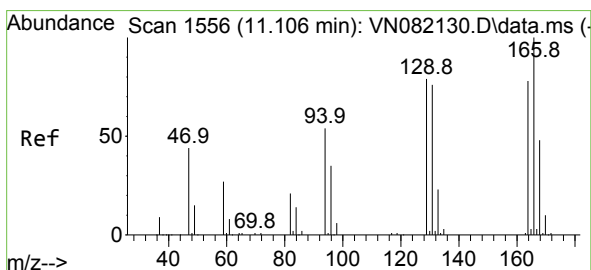
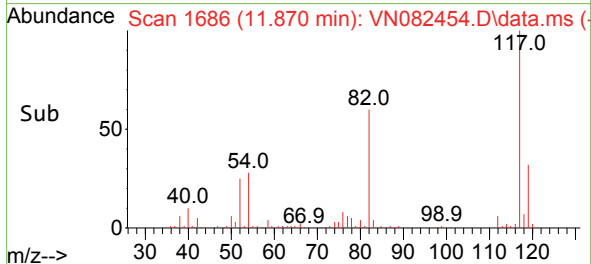
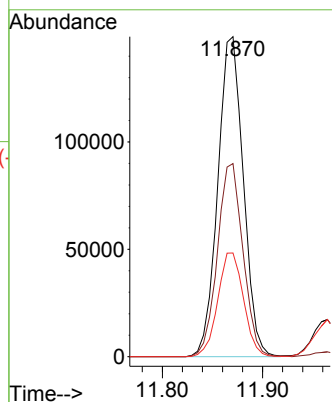
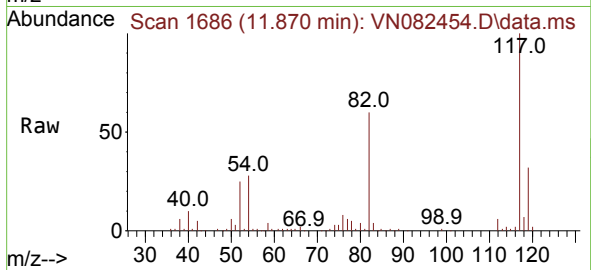
Tgt Ion:117 Resp: 263492

Ion Ratio Lower Upper

117 100

82 60.4 44.6 66.8

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 20.871 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Tgt Ion:164 Resp: 40760

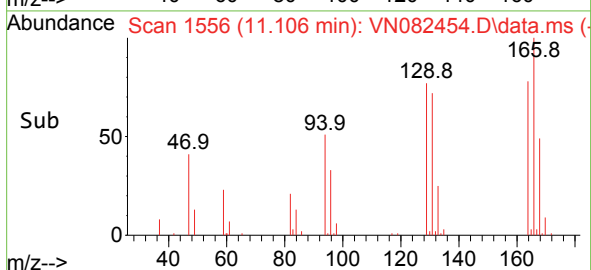
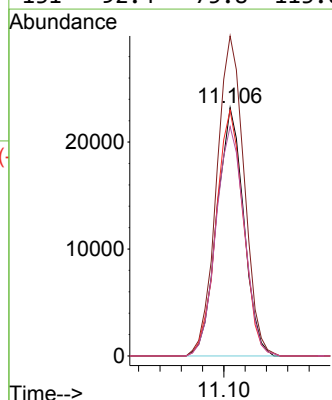
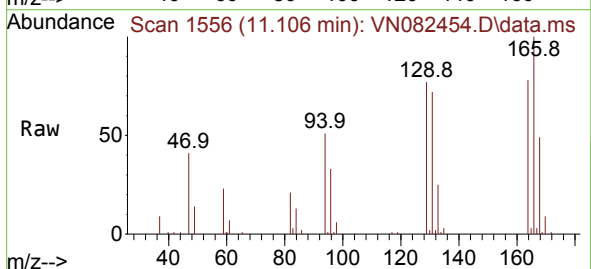
Ion Ratio Lower Upper

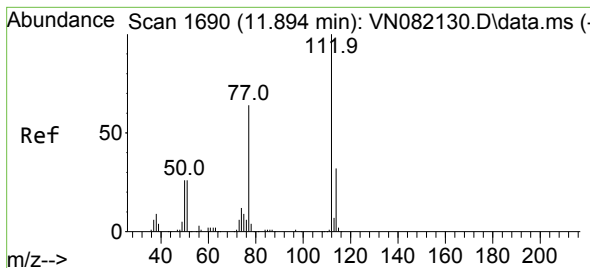
164 100

166 128.9 97.6 146.4

129 99.0 73.7 110.5

131 92.4 75.8 113.6





#65

Chlorobenzene

Concen: 21.070 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

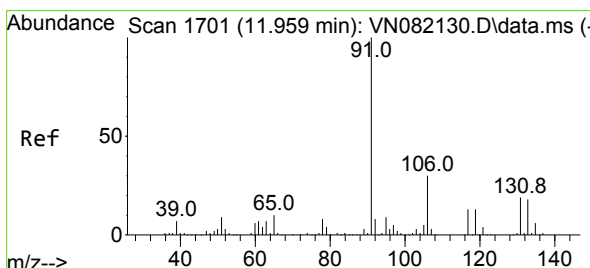
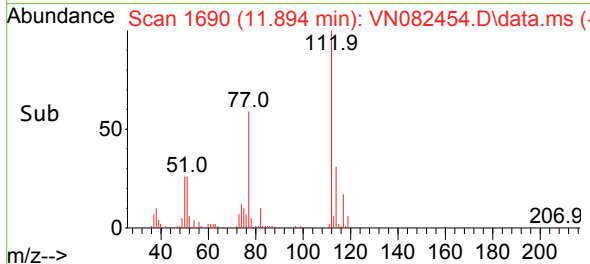
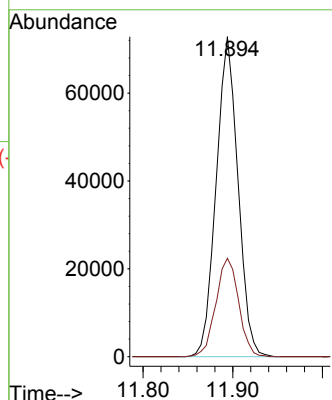
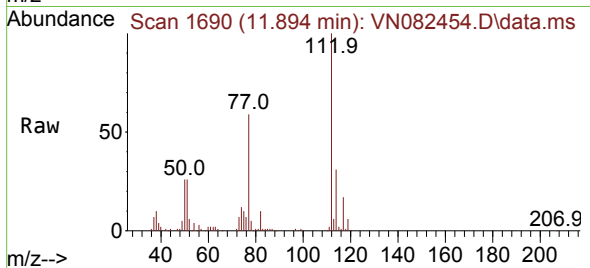
ClientSampleId :

Tgt Ion:112 Resp: 122646

Ion Ratio Lower Upper

112 100

114 30.8 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 24.147 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

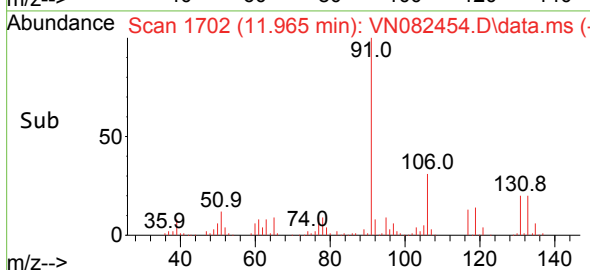
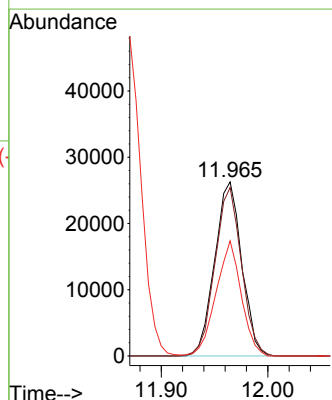
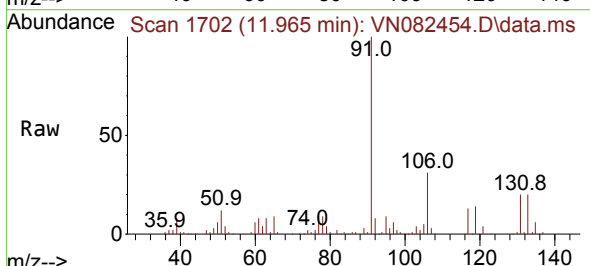
Tgt Ion:131 Resp: 46299

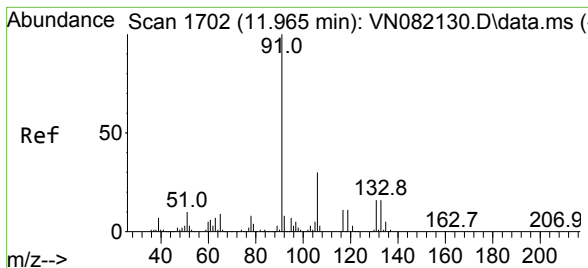
Ion Ratio Lower Upper

131 100

133 94.8 47.5 142.6

119 61.8 32.9 98.7





#67

Ethyl Benzene

Concen: 20.939 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

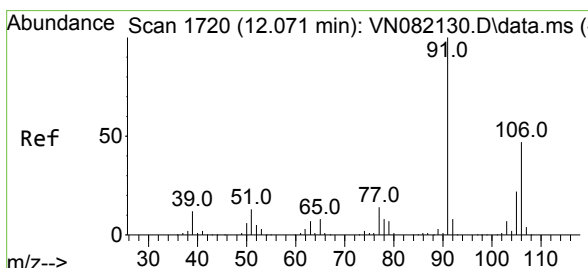
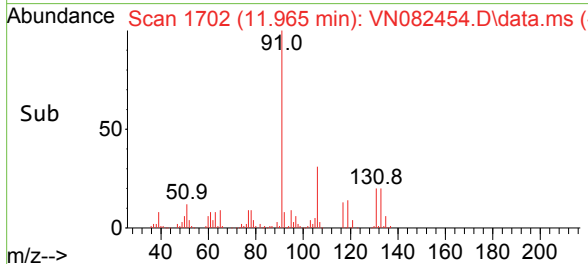
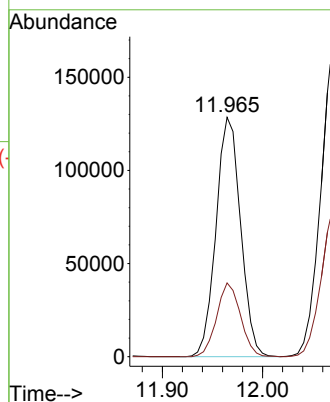
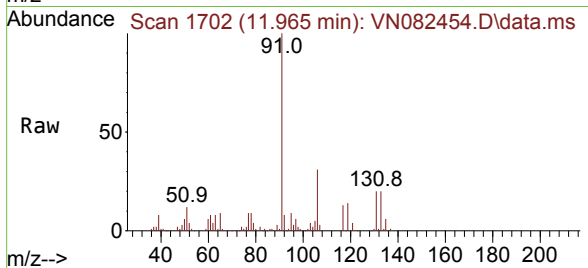
ClientSampleId :

Tgt Ion: 91 Resp: 218032

Ion Ratio Lower Upper

91 100

106 30.8 25.3 37.9



#68

m/p-Xylenes

Concen: 42.369 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN082454.D

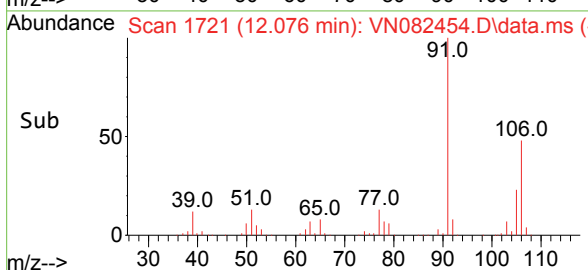
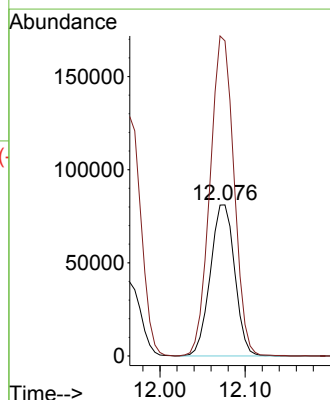
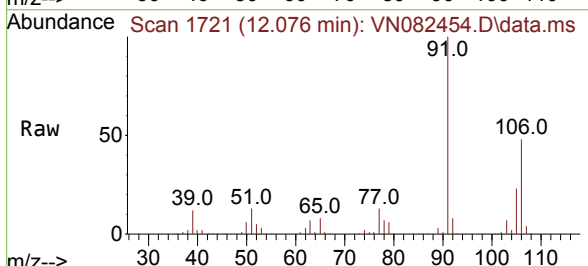
Acq: 04 Jun 2024 12:02

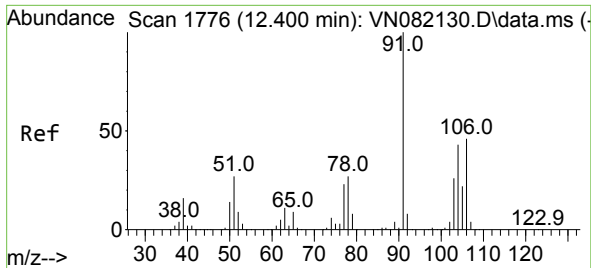
Tgt Ion:106 Resp: 161696

Ion Ratio Lower Upper

106 100

91 207.8 159.4 239.0

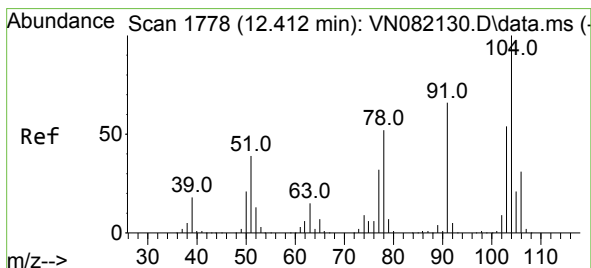
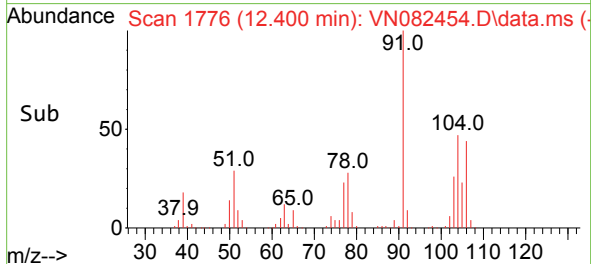
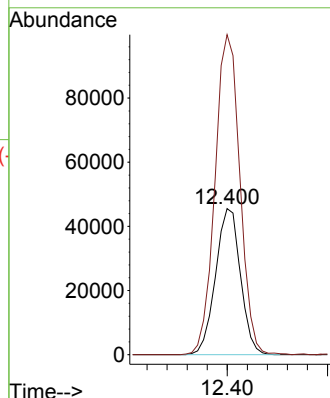
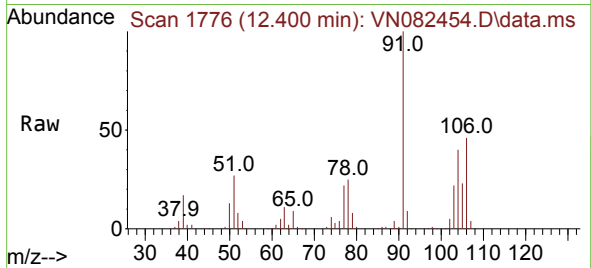




#69  
o-Xylene  
Concen: 21.180 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

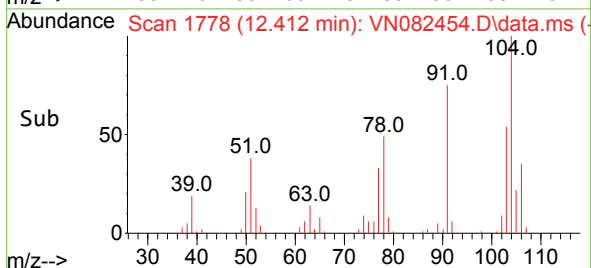
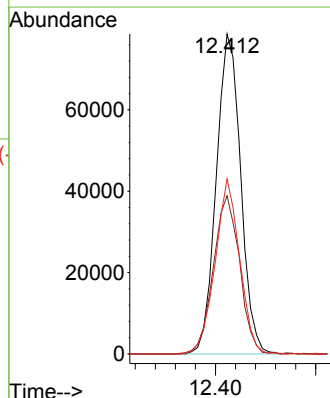
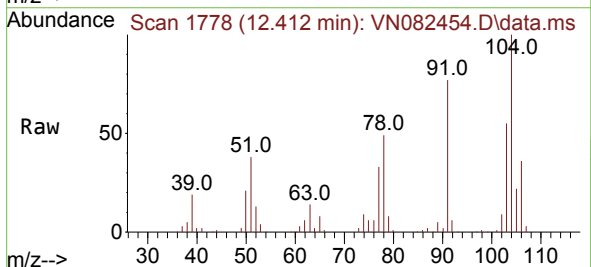
Instrument :  
MSVOA\_N  
ClientSampleId :

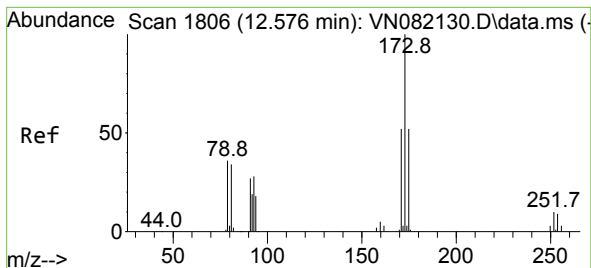
Tgt Ion:106 Resp: 78297  
Ion Ratio Lower Upper  
106 100  
91 219.9 104.7 314.1



#70  
Styrene  
Concen: 21.655 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion:104 Resp: 132970  
Ion Ratio Lower Upper  
104 100  
78 53.2 38.6 58.0  
103 54.9 43.8 65.6





#71

Bromoform

Concen: 22.577 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082454.D

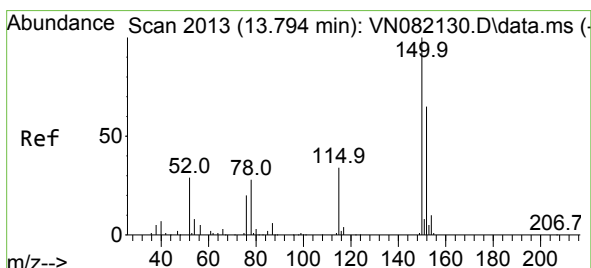
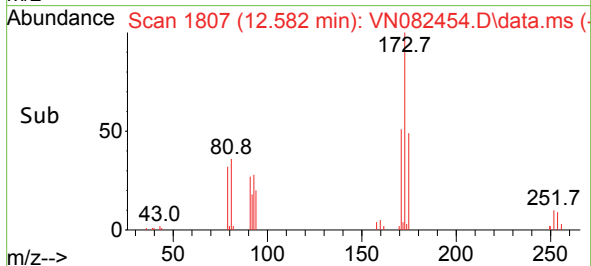
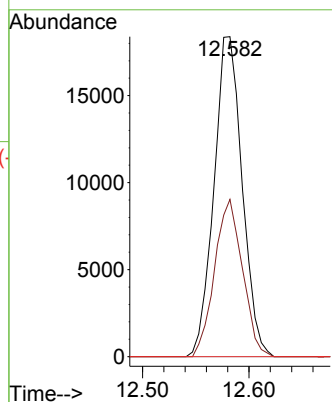
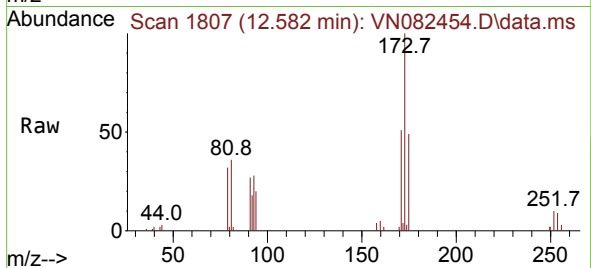
Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 33834 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.5  | 24.6  | 74.0  |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

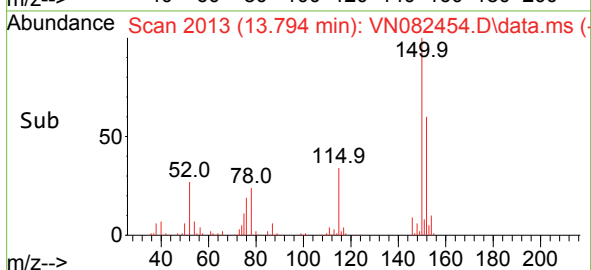
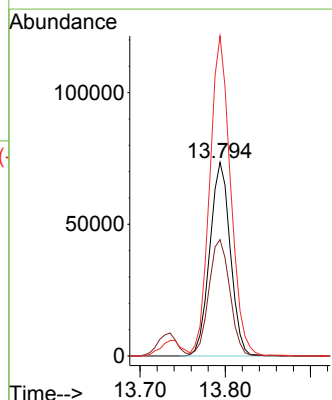
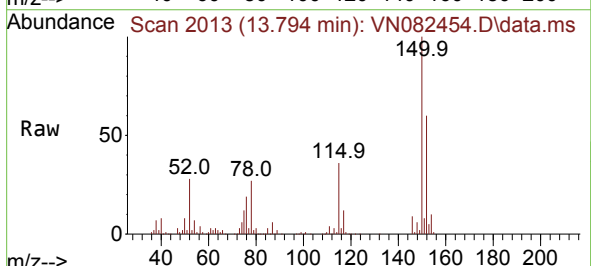
RT: 13.794 min Scan# 2013

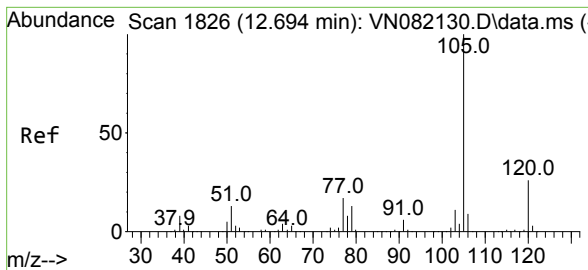
Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 123289 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 61.6  | 30.4  | 91.3   |
| 150       | 167.8 | 0.0   | 353.2  |

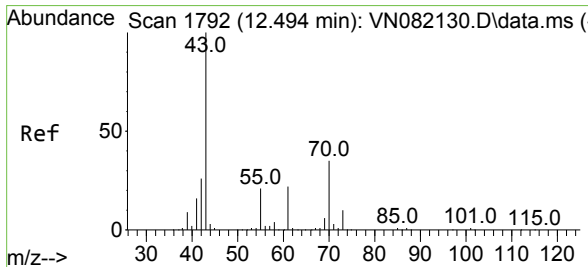
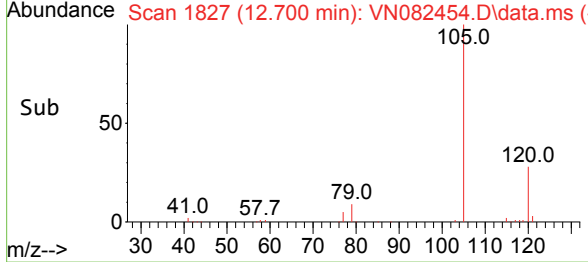
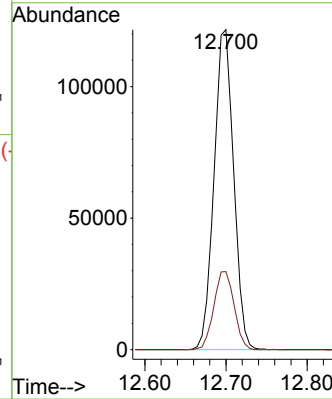
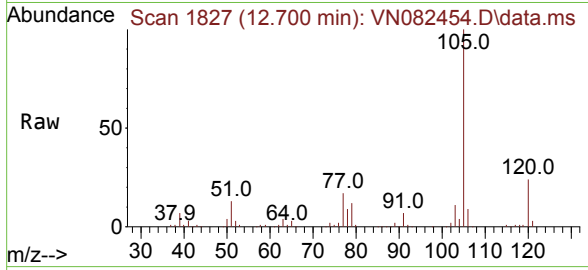




#73  
Isopropylbenzene  
Concen: 20.812 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

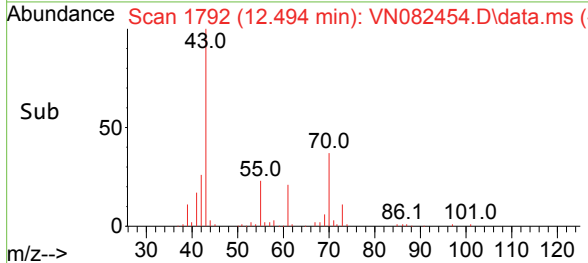
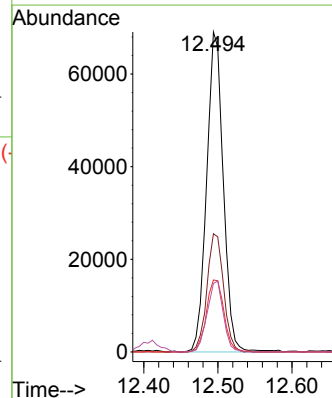
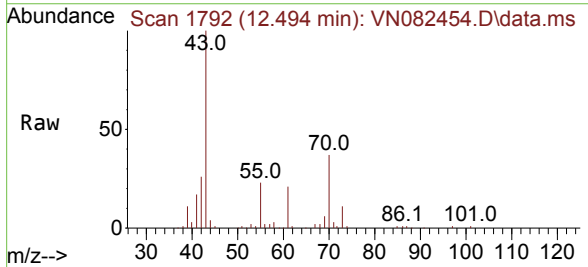
Instrument :  
MSVOA\_N  
ClientSampleId :

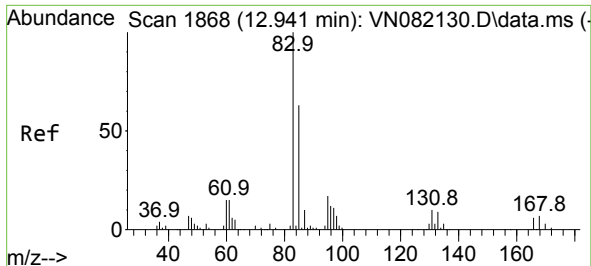
Tgt Ion:105 Resp: 203841  
Ion Ratio Lower Upper  
105 100  
120 25.2 13.4 40.1



#74  
N-ethyl acetate  
Concen: 20.019 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 43 Resp: 107855  
Ion Ratio Lower Upper  
43 100  
70 36.9 39.0 58.4#  
55 23.8 21.3 31.9  
61 21.4 20.5 30.7

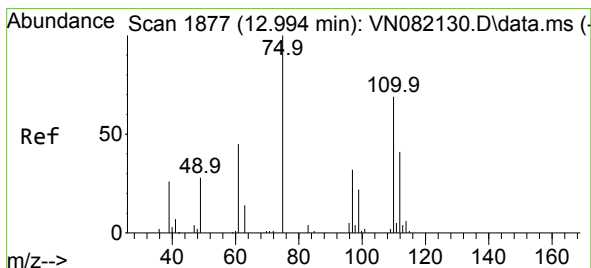
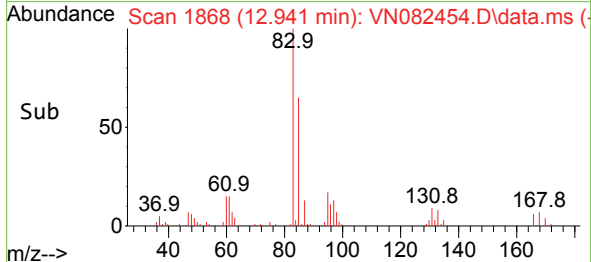
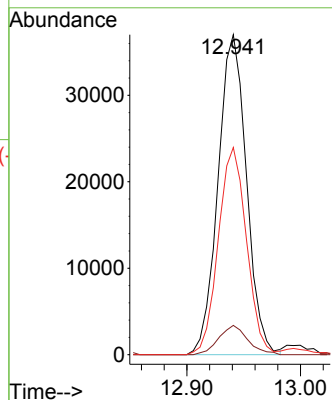
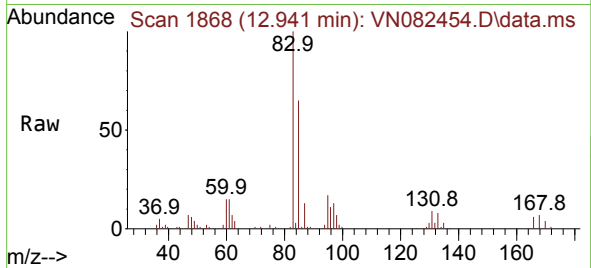




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 22.812 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. -0.000 min  
 Lab File: VN082454.D  
 Acq: 04 Jun 2024 12:02

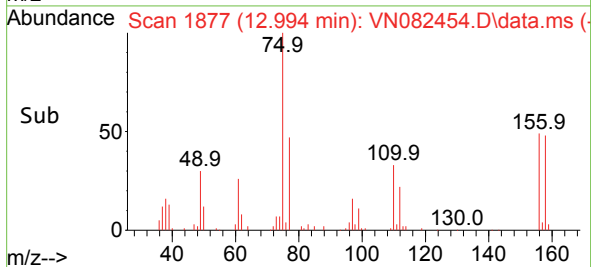
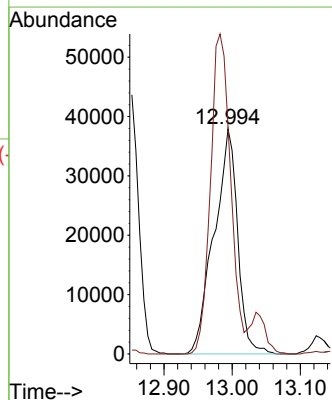
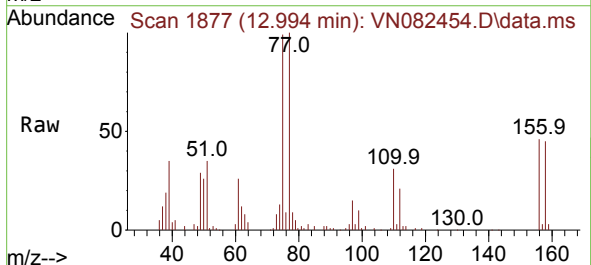
Instrument :  
 MSVOA\_N  
 ClientSampleId :

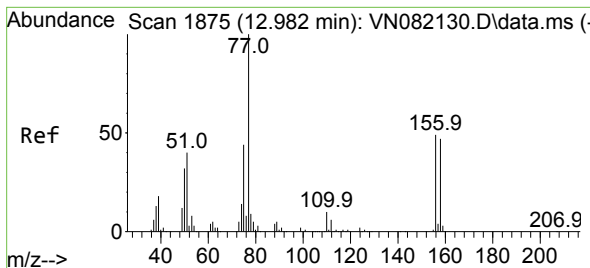
Tgt Ion: 83 Resp: 64409  
 Ion Ratio Lower Upper  
 83 100  
 131 9.4 5.5 16.4  
 85 64.2 32.9 98.6



#76  
 1,2,3-Trichloropropane  
 Concen: 35.125 ug/l  
 RT: 12.994 min Scan# 1877  
 Delta R.T. -0.000 min  
 Lab File: VN082454.D  
 Acq: 04 Jun 2024 12:02

Tgt Ion: 75 Resp: 91148  
 Ion Ratio Lower Upper  
 75 100  
 77 121.3 90.5 271.3





#77

Bromobenzene

Concen: 21.515 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

ClientSampleId :

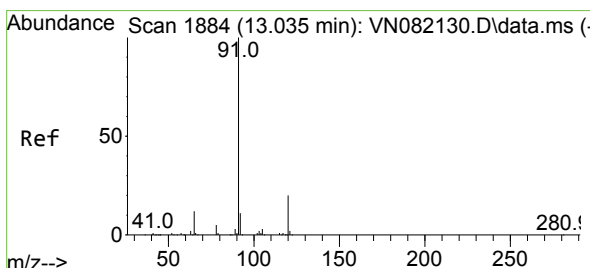
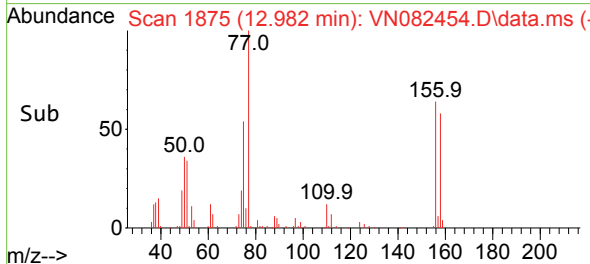
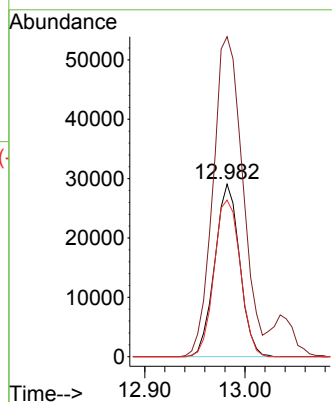
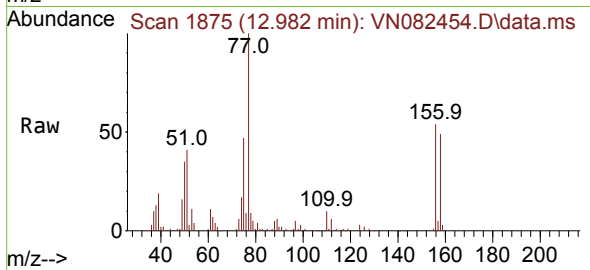
Tgt Ion:156 Resp: 50220

Ion Ratio Lower Upper

156 100

77 220.1 100.2 300.6

158 95.1 49.1 147.3



#78

n-propylbenzene

Concen: 20.850 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN082454.D

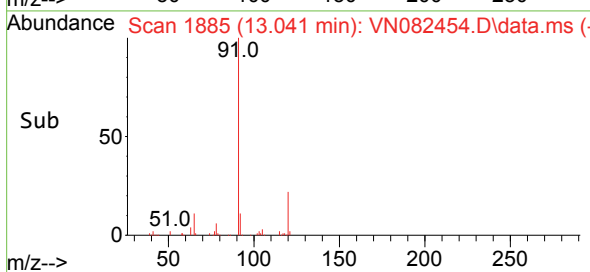
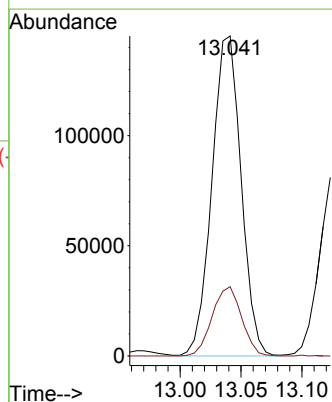
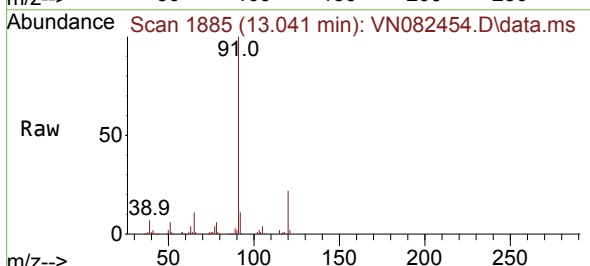
Acq: 04 Jun 2024 12:02

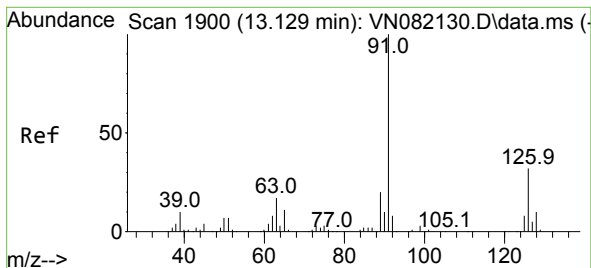
Tgt Ion: 91 Resp: 241829

Ion Ratio Lower Upper

91 100

120 21.8 11.7 35.0





#79

2-Chlorotoluene

Concen: 20.528 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

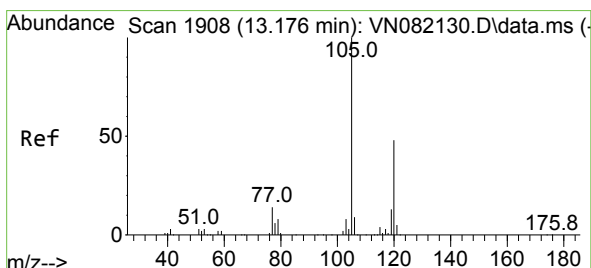
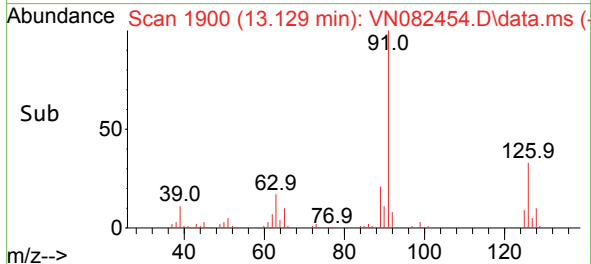
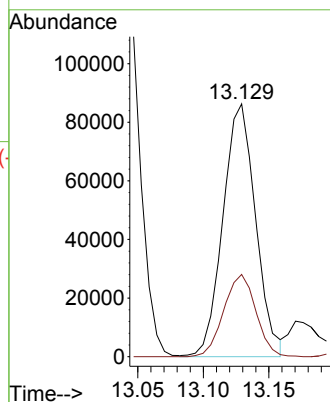
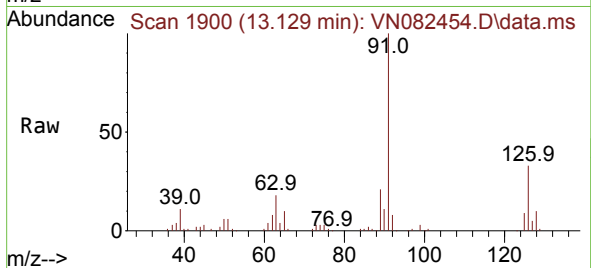
ClientSampleId :

Tgt Ion: 91 Resp: 149511

Ion Ratio Lower Upper

91 100

126 31.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 21.182 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082454.D

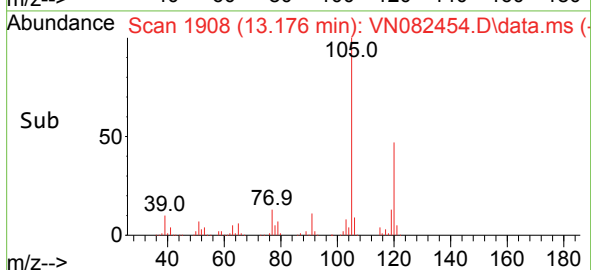
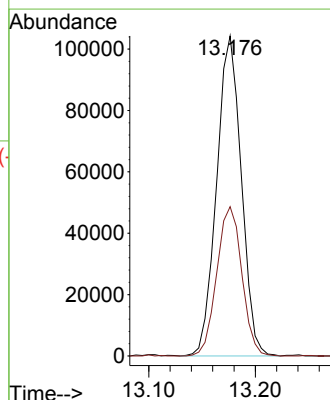
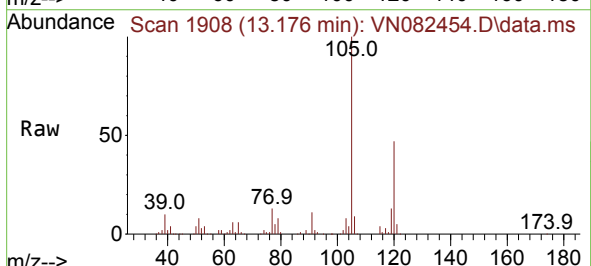
Acq: 04 Jun 2024 12:02

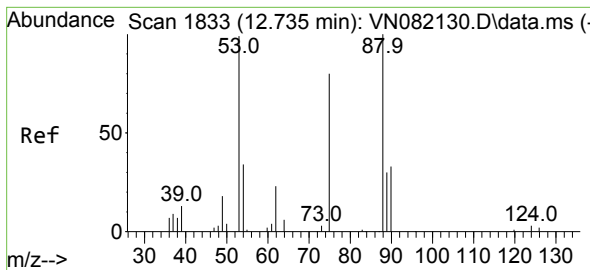
Tgt Ion:105 Resp: 167759

Ion Ratio Lower Upper

105 100

120 47.3 24.8 74.3

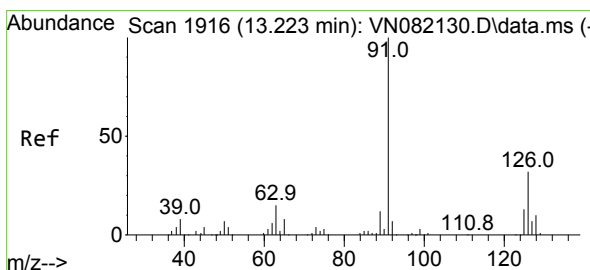
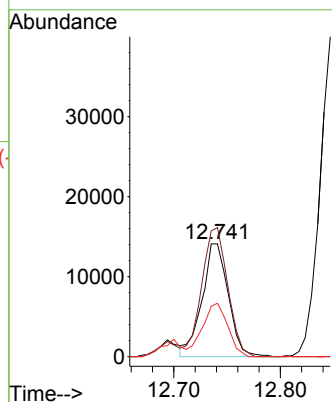
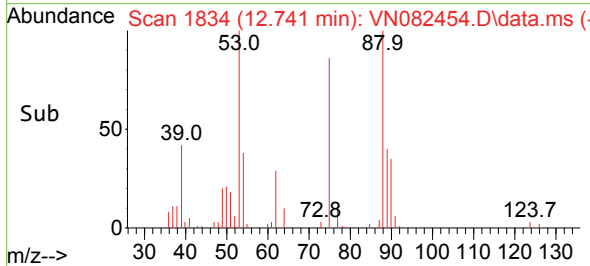
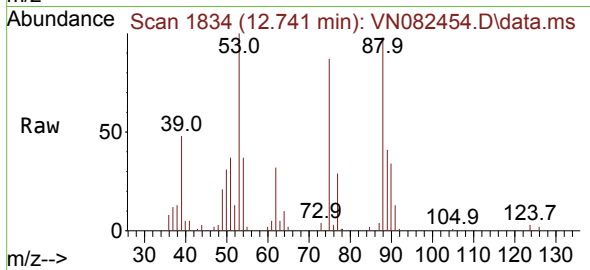




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.811 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.006 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

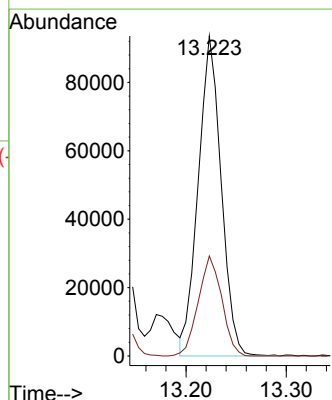
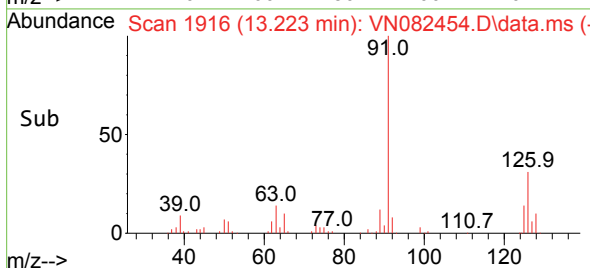
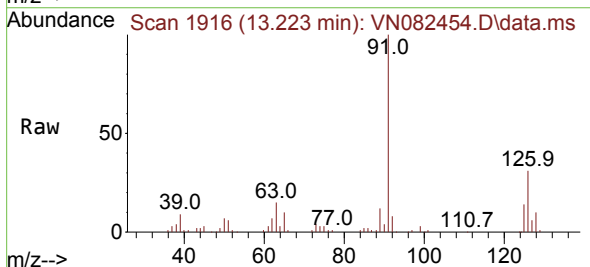
Instrument :  
MSVOA\_N  
ClientSampleId :

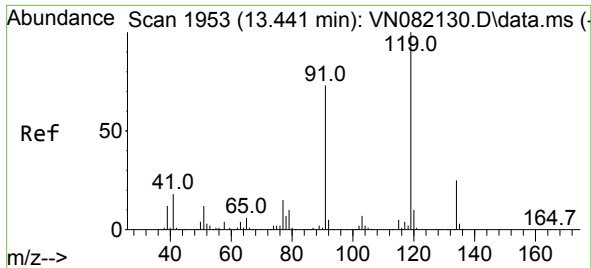
Tgt Ion: 75 Resp: 24198  
Ion Ratio Lower Upper  
75 100  
53 113.7 72.9 109.3#  
89 45.6 39.1 58.7



#82  
4-Chlorotoluene  
Concen: 20.927 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion: 91 Resp: 149016  
Ion Ratio Lower Upper  
91 100  
126 32.0 17.4 52.3

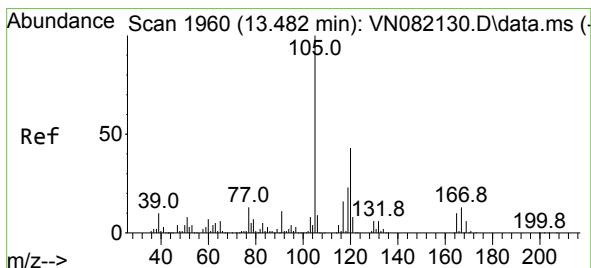
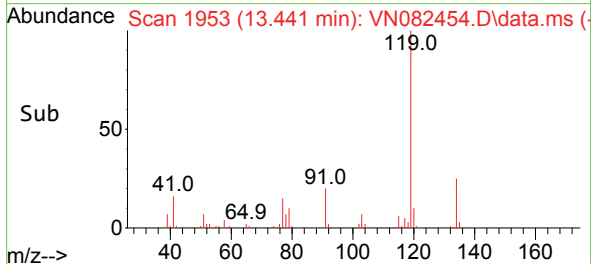
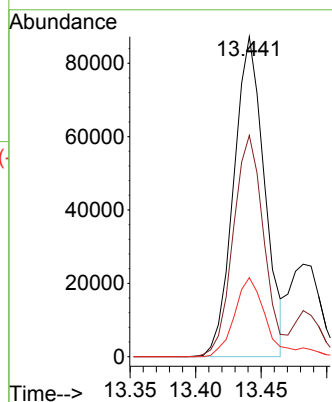
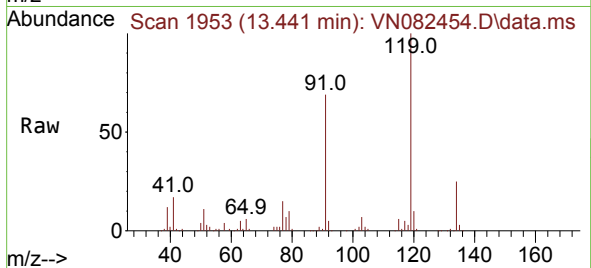




#83  
tert-Butylbenzene  
Concen: 20.578 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

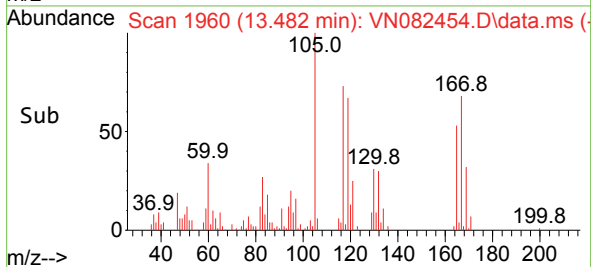
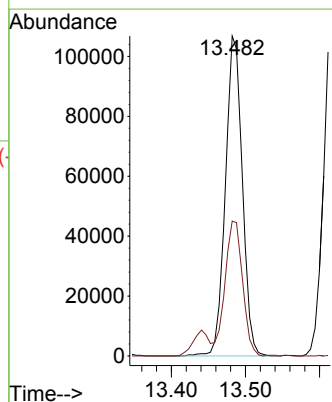
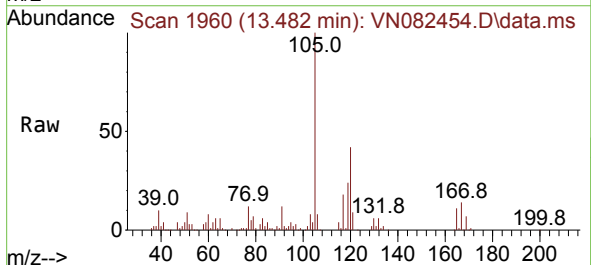
Instrument :  
MSVOA\_N  
ClientSampleId :

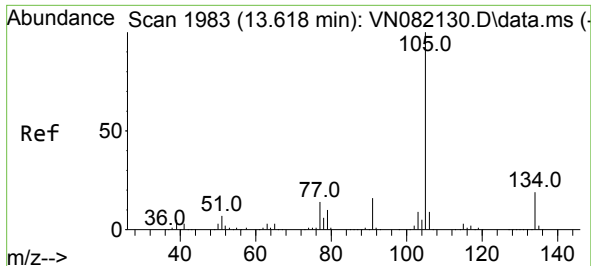
Tgt Ion:119 Resp: 142582  
Ion Ratio Lower Upper  
119 100  
91 69.5 32.6 97.8  
134 26.2 12.4 37.0



#84  
1,2,4-Trimethylbenzene  
Concen: 20.922 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion:105 Resp: 169523  
Ion Ratio Lower Upper  
105 100  
120 44.2 22.9 68.7

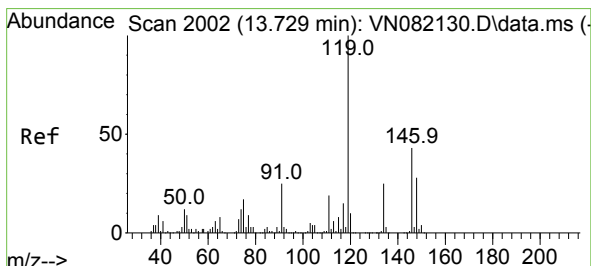
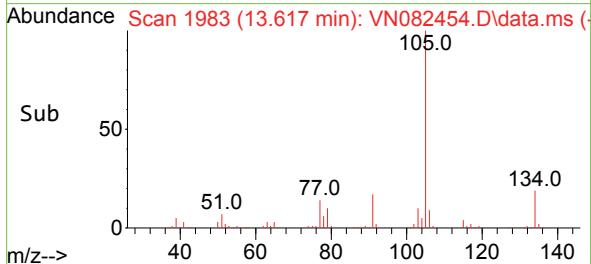
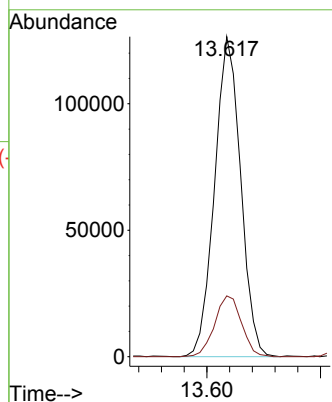
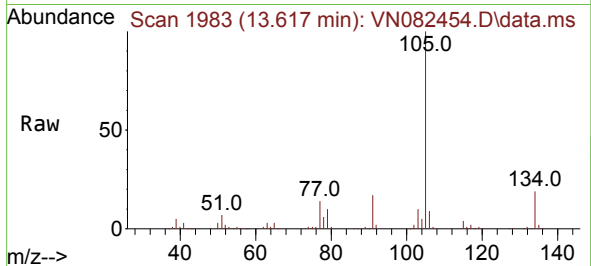




#85  
sec-Butylbenzene  
Concen: 20.948 ug/l  
RT: 13.617 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

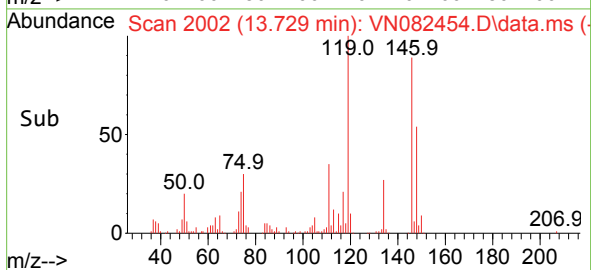
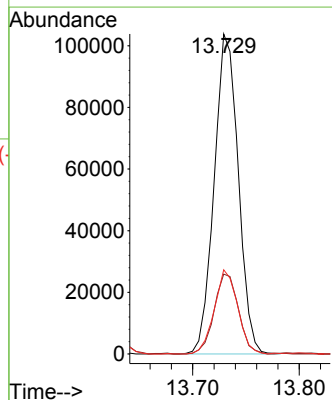
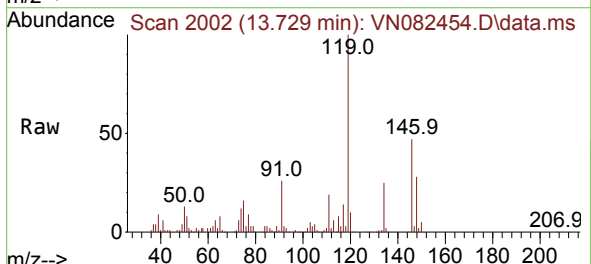
Instrument :  
MSVOA\_N  
ClientSampleId :

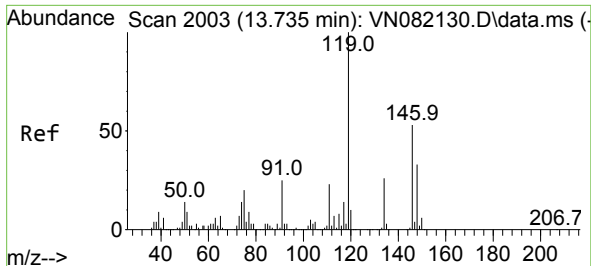
Tgt Ion:105 Resp: 201180  
Ion Ratio Lower Upper  
105 100  
134 19.6 10.2 30.4



#86  
p-Isopropyltoluene  
Concen: 20.924 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion:119 Resp: 163313  
Ion Ratio Lower Upper  
119 100  
134 25.1 13.2 39.5  
91 25.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 21.373 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

ClientSampleId :

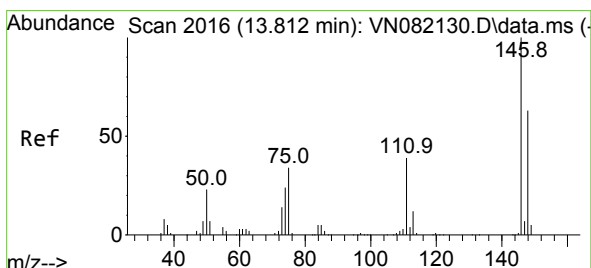
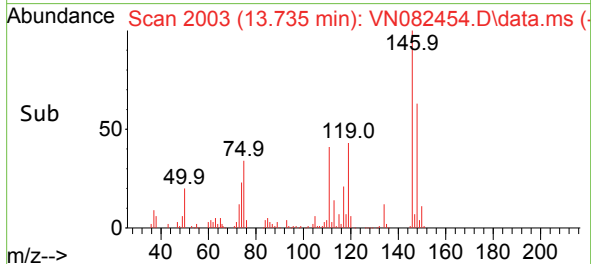
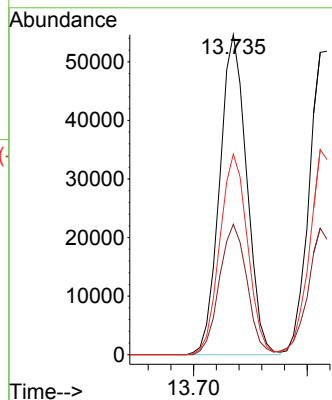
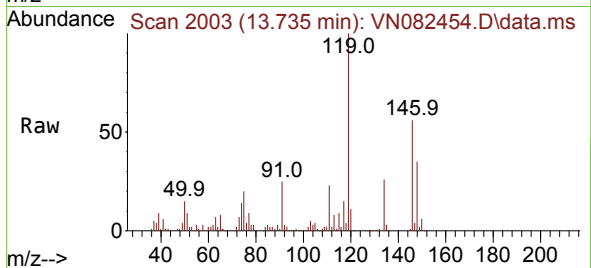
Tgt Ion:146 Resp: 90383

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.5

148 64.6 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.820 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

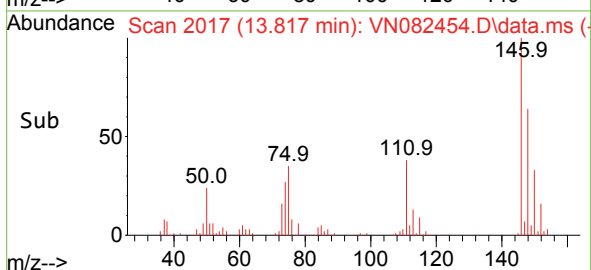
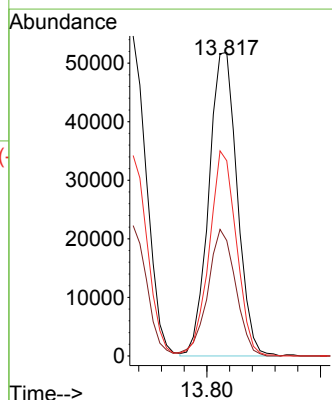
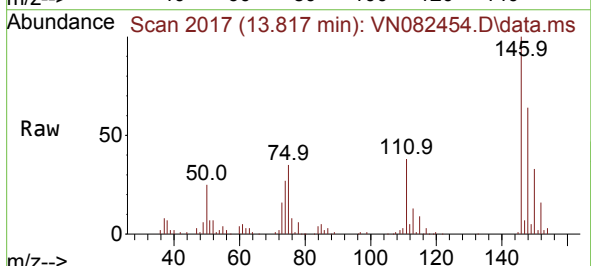
Tgt Ion:146 Resp: 89859

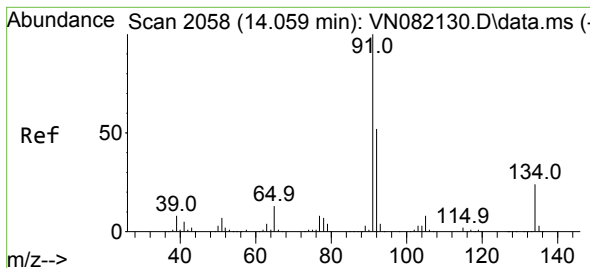
Ion Ratio Lower Upper

146 100

111 41.2 19.3 57.9

148 64.6 31.3 93.9





#89

n-Butylbenzene

Concen: 20.290 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

ClientSampleId :

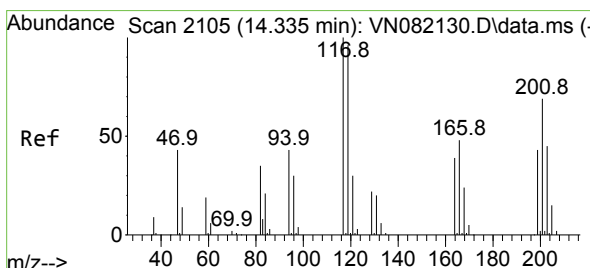
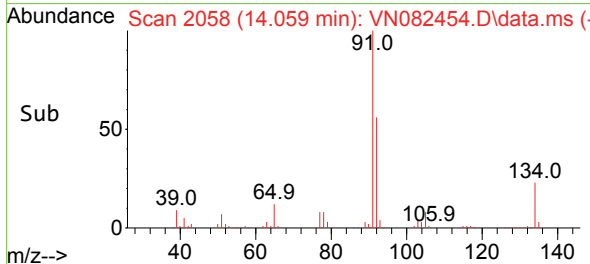
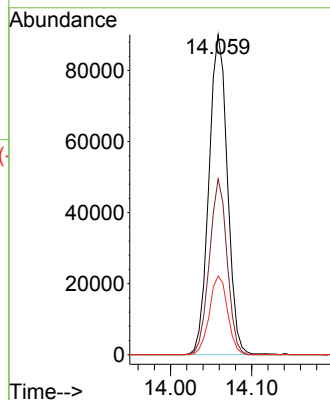
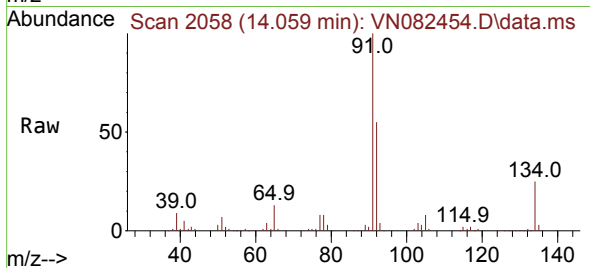
Tgt Ion: 91 Resp: 142337

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.5

134 24.2 13.2 39.5



#90

Hexachloroethane

Concen: 23.084 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082454.D

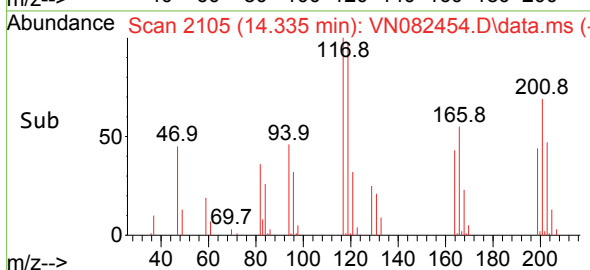
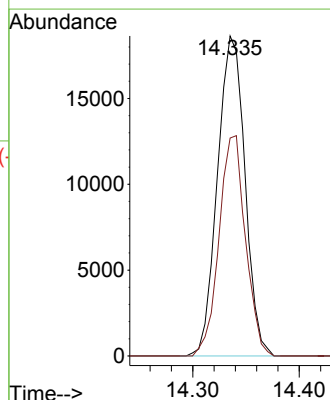
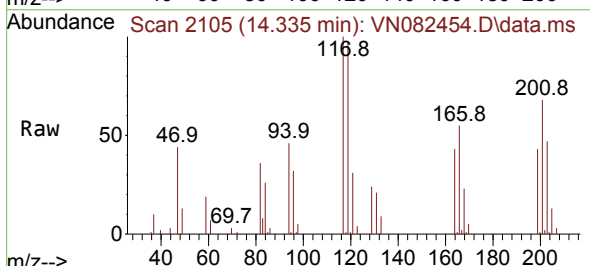
Acq: 04 Jun 2024 12:02

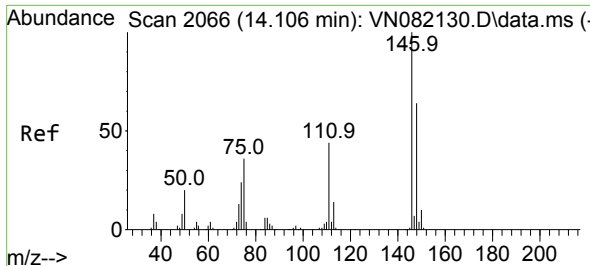
Tgt Ion: 117 Resp: 33381

Ion Ratio Lower Upper

117 100

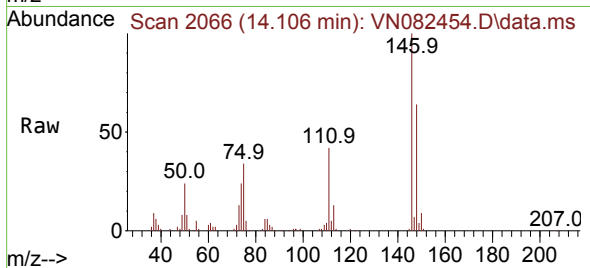
201 66.3 33.3 99.8



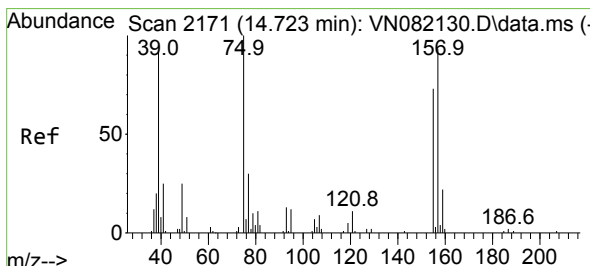
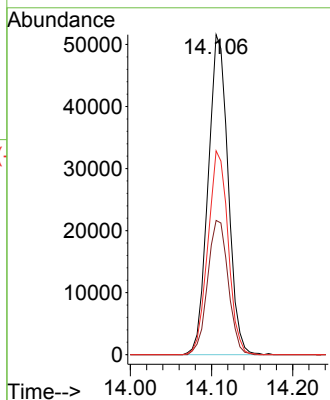
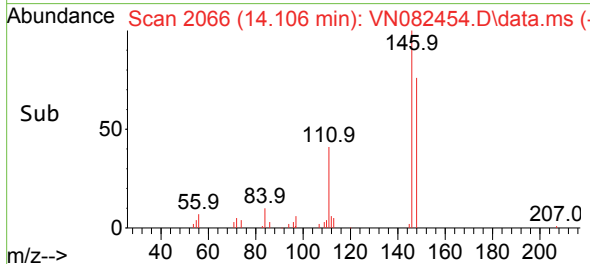


#91  
1,2-Dichlorobenzene  
Concen: 21.984 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

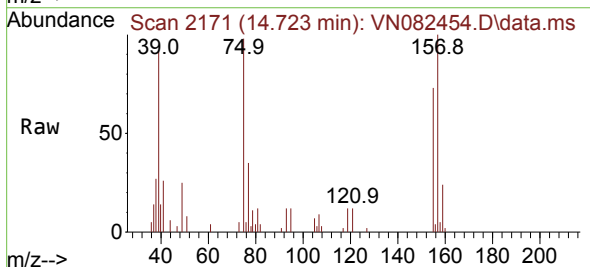
Instrument :  
MSVOA\_N  
ClientSampleId :



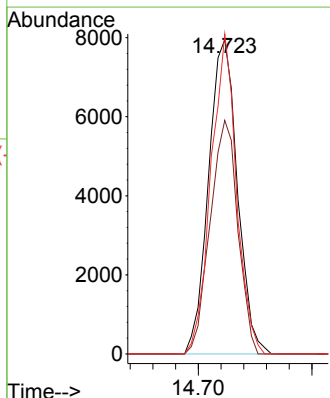
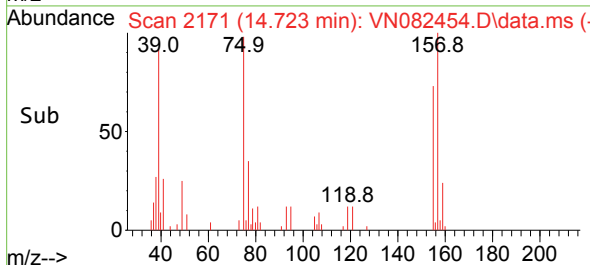
Tgt Ion:146 Resp: 87999  
Ion Ratio Lower Upper  
146 100  
111 43.3 21.3 64.0  
148 64.5 31.8 95.4

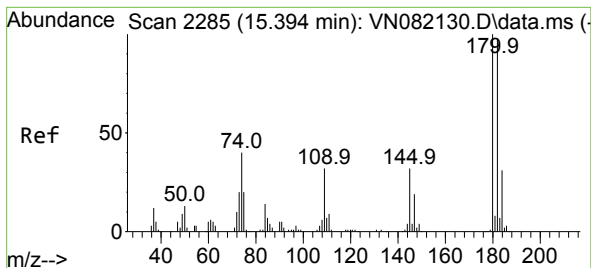


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 24.127 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02



Tgt Ion: 75 Resp: 13996  
Ion Ratio Lower Upper  
75 100  
155 71.3 42.6 128.0  
157 89.6 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 20.255 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

Instrument :

MSVOA\_N

ClientSampleId :

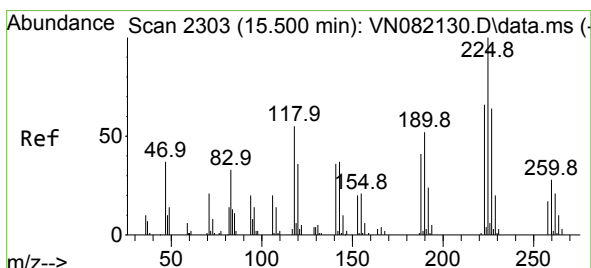
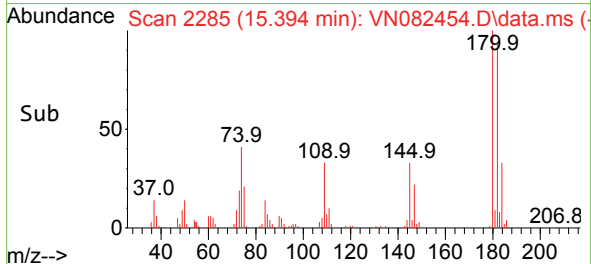
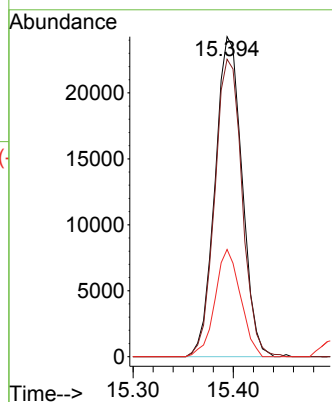
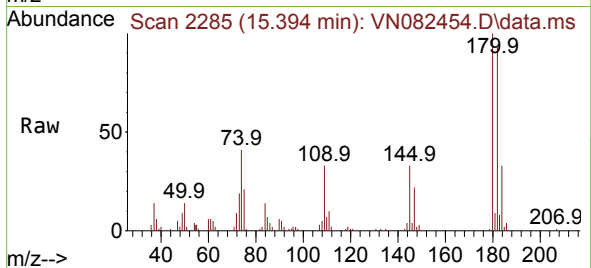
Tgt Ion:180 Resp: 45447

Ion Ratio Lower Upper

180 100

182 93.9 46.7 140.0

145 31.6 16.2 48.6



#94

Hexachlorobutadiene

Concen: 20.611 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN082454.D

Acq: 04 Jun 2024 12:02

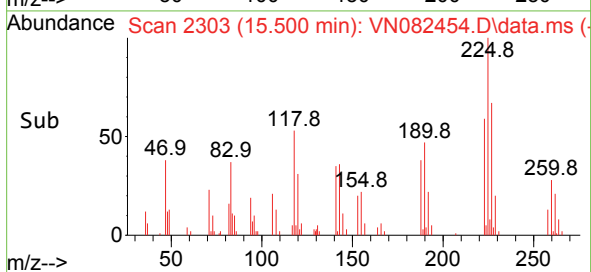
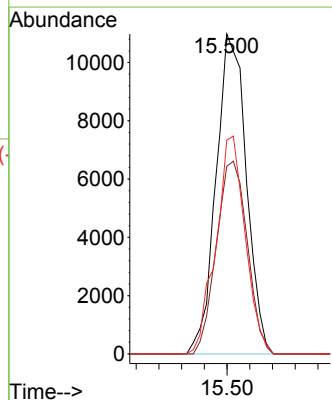
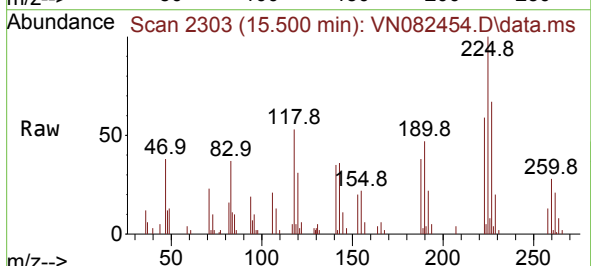
Tgt Ion:225 Resp: 20293

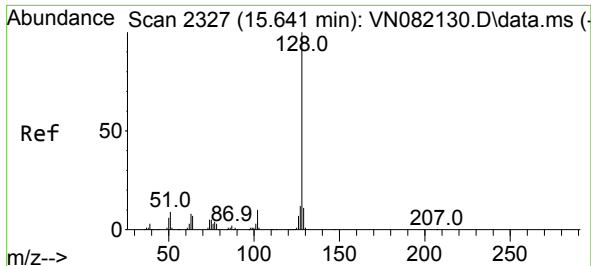
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.2

227 65.7 30.6 91.6

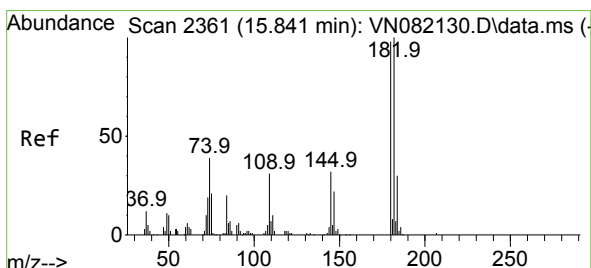
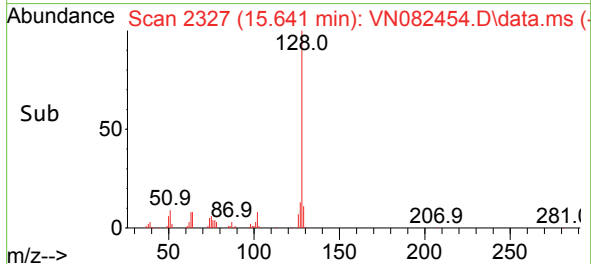
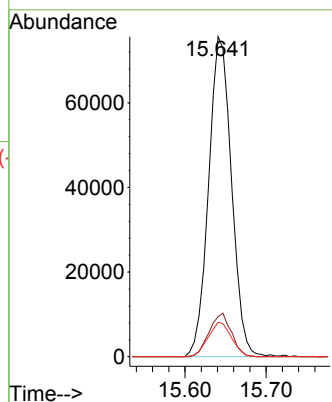
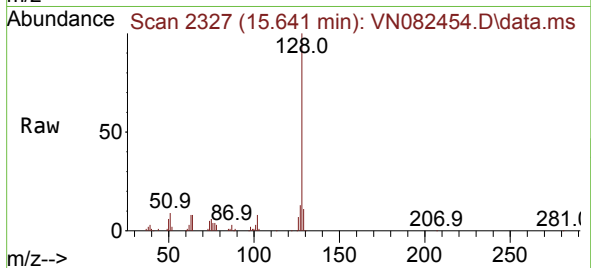




#95  
Naphthalene  
Concen: 21.079 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 148220  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.1 15.1  
129 11.0 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 21.365 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VN082454.D  
Acq: 04 Jun 2024 12:02

Tgt Ion:180 Resp: 47990  
Ion Ratio Lower Upper  
180 100  
182 94.3 46.0 137.8  
145 33.6 17.1 51.3

