

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052324\  
 Data File : VN082334.D  
 Acq On : 23 May 2024 20:21  
 Operator : JC\MD  
 Sample : VN0523MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 24 04:25:46 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        | 8.224  | 168   | 217028   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 376160   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.871 | 117   | 332416   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 146636   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.583  | 65    | 159093   | 46.424   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 92.840%  |
| 35) Dibromofluoromethane     | 8.171  | 113   | 111744   | 48.291   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 96.580%  |
| 50) Toluene-d8               | 10.571 | 98    | 398482   | 44.917   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 89.840%  |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 142109   | 44.879   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 64 - 133 | Recovery | =      | 89.760%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 51003    | 16.300   | ug/l   | 98       |
| 3) Chloromethane             | 2.365  | 50    | 52429    | 14.785   | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.512  | 62    | 54300    | 16.288   | ug/l   | 100      |
| 5) Bromomethane              | 2.959  | 94    | 32416    | 16.917   | ug/l   | 100      |
| 6) Chloroethane              | 3.118  | 64    | 38310    | 17.599   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.495  | 101   | 77933    | 17.852   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.959  | 74    | 31449    | 20.223   | ug/l   | 79       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 41913    | 16.436   | ug/l   | 97       |
| 10) Methyl Iodide            | 4.595  | 142   | 33954    | 13.245   | ug/l   | 93       |
| 11) Tert butyl alcohol       | 5.530  | 59    | 57859    | 105.180  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.342  | 96    | 43118    | 18.192   | ug/l # | 78       |
| 13) Acrolein                 | 4.177  | 56    | 35903    | 88.075   | ug/l   | 100      |
| 14) Allyl chloride           | 5.024  | 41    | 89687    | 17.674   | ug/l # | 89       |
| 15) Acrylonitrile            | 5.724  | 53    | 135666   | 95.225   | ug/l   | 98       |
| 16) Acetone                  | 4.430  | 43    | 127869   | 90.959   | ug/l   | 91       |
| 17) Carbon Disulfide         | 4.712  | 76    | 114928   | 15.013   | ug/l   | 98       |
| 18) Methyl Acetate           | 5.030  | 43    | 68091    | 19.449   | ug/l # | 89       |
| 19) Methyl tert-butyl Ether  | 5.800  | 73    | 173761   | 20.056   | ug/l   | 98       |
| 20) Methylene Chloride       | 5.277  | 84    | 52275    | 18.431   | ug/l # | 84       |
| 21) trans-1,2-Dichloroethene | 5.783  | 96    | 44888    | 17.379   | ug/l   | 87       |
| 22) Diisopropyl ether        | 6.671  | 45    | 191298   | 18.053   | ug/l # | 94       |
| 23) Vinyl Acetate            | 6.606  | 43    | 761325   | 91.127   | ug/l # | 90       |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 96285    | 17.629   | ug/l   | 96       |
| 25) 2-Butanone               | 7.483  | 43    | 198962   | 93.348   | ug/l # | 83       |
| 26) 2,2-Dichloropropane      | 7.489  | 77    | 68120    | 14.891   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.489  | 96    | 57966    | 19.016   | ug/l   | 88       |
| 28) Bromochloromethane       | 7.818  | 49    | 44061    | 17.967   | ug/l # | 79       |
| 29) Tetrahydrofuran          | 7.847  | 42    | 128483   | 93.888   | ug/l   | 88       |
| 30) Chloroform               | 7.971  | 83    | 98025    | 18.794   | ug/l   | 95       |
| 31) Cyclohexane              | 8.259  | 56    | 81277    | 14.850   | ug/l # | 82       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 86461    | 18.686   | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.377  | 75    | 65484    | 16.873   | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.565  | 43    | 82460    | 18.986   | ug/l   | 95       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 71717    | 18.230   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.606  | 83    | 63720    | 14.979   | ug/l   | 93       |
| 40) Benzene                  | 8.606  | 78    | 204038   | 17.631   | ug/l   | 98       |

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 Sample : VN0523MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 24 04:25:46 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         | 7.783  | 41   | 45798    | 17.930  | ug/l # | 89       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 83267    | 18.708  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 157454   | 20.460  | ug/l # | 89       |
| 44) Trichloroethene           | 9.353  | 130  | 47103    | 17.918  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 53481    | 17.911  | ug/l   | 98       |
| 46) Dibromomethane            | 9.712  | 93   | 37977    | 19.373  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.894  | 83   | 79976    | 19.325  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.683  | 41   | 69813    | 19.038  | ug/l # | 81       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 21537    | 419.125 | ug/l # | 79       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 429193   | 98.157  | ug/l   | 91       |
| 52) Toluene                   | 10.630 | 92   | 125810   | 18.115  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 80672    | 18.848  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 82356    | 18.178  | ug/l # | 77       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 49361    | 19.558  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 87481    | 20.416  | ug/l # | 71       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 86926    | 18.421  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 217494   | 98.406  | ug/l   | 93       |
| 59) 2-Hexanone                | 11.194 | 43   | 322605   | 100.764 | ug/l   | 90       |
| 60) Dibromochloromethane      | 11.365 | 129  | 55901    | 20.071  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 49366    | 19.043  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 44588    | 18.097  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.894 | 112  | 136229   | 18.551  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 47934    | 19.816  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 239995   | 18.269  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.077 | 106  | 175979   | 36.551  | ug/l   | 94       |
| 69) o-Xylene                  | 12.400 | 106  | 87696    | 18.804  | ug/l   | 89       |
| 70) Styrene                   | 12.412 | 104  | 151751   | 19.589  | ug/l   | 97       |
| 71) Bromoform                 | 12.582 | 173  | 37825    | 20.086  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 220012   | 18.886  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 127183   | 19.848  | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 68558    | 20.416  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 94280    | 30.547  | ug/l   | 65       |
| 77) Bromobenzene              | 12.982 | 156  | 54445    | 19.611  | ug/l   | 88       |
| 78) n-propylbenzene           | 13.035 | 91   | 250832   | 18.183  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 159822   | 18.450  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 177812   | 18.877  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 22937    | 17.383  | ug/l # | 77       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 156502   | 18.479  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 152106   | 18.458  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 183800   | 19.072  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 202460   | 17.725  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 170513   | 18.368  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 92549    | 18.401  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 92993    | 18.115  | ug/l   | 94       |
| 89) n-Butylbenzene            | 14.059 | 91   | 146420   | 17.549  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 29967    | 17.423  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 93208    | 19.578  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.718 | 75   | 15793    | 22.890  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 52631    | 19.722  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 21012    | 17.944  | ug/l   | 94       |
| 95) Naphthalene               | 15.641 | 128  | 197180   | 23.577  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 54379    | 20.355  | ug/l   | 97       |

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Data File : VN082334.D  
Acq On : 23 May 2024 20:21  
Operator : JC\MD  
Sample : VN0523MBSD01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: May 24 04:25:46 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

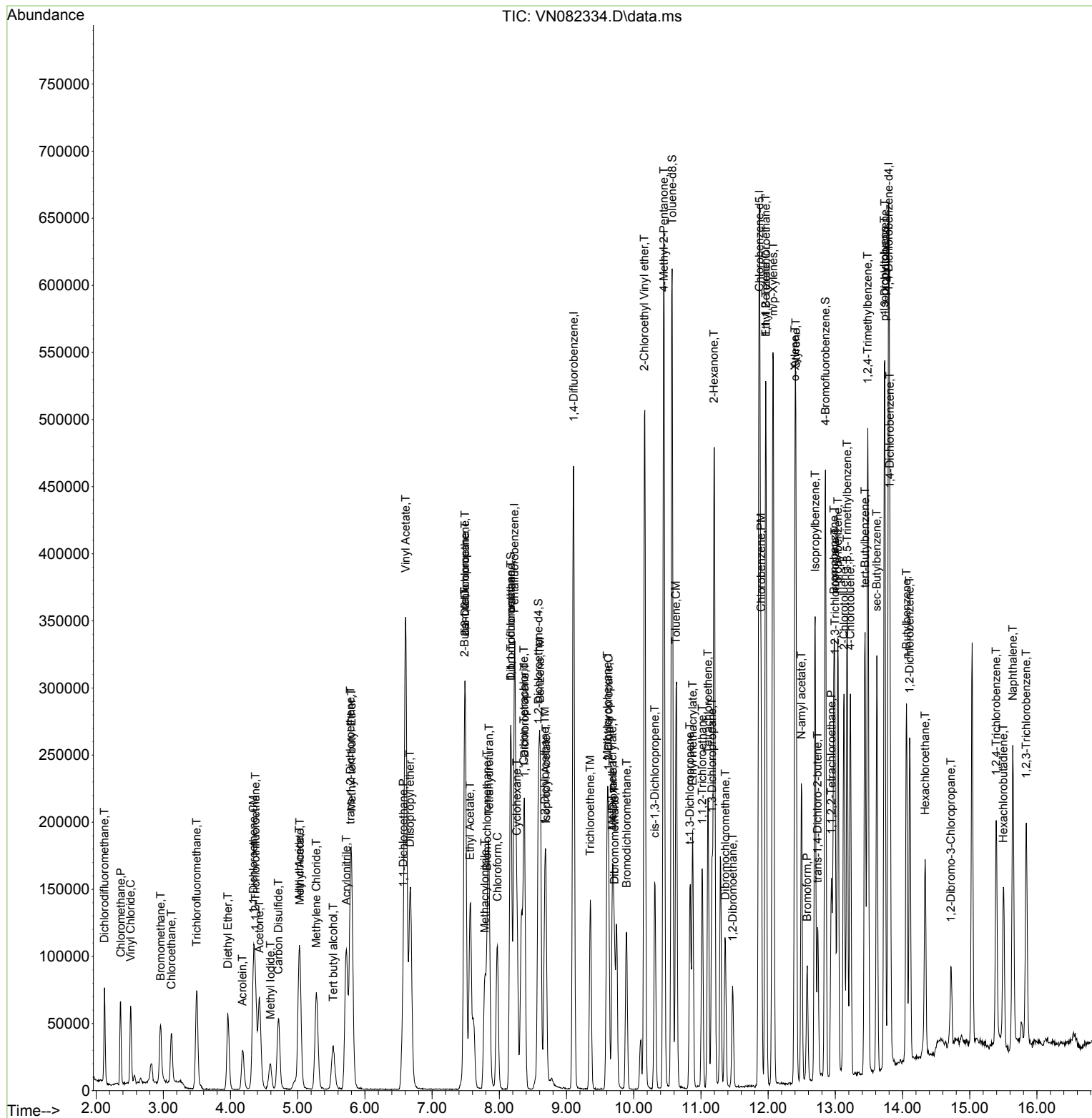
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

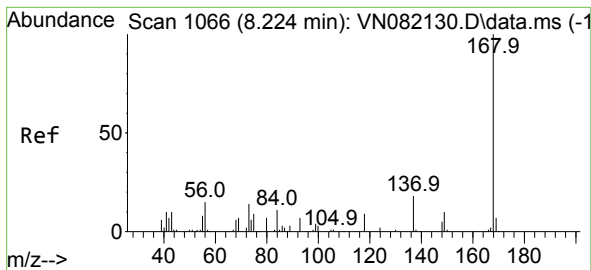
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Sample : VN0523MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

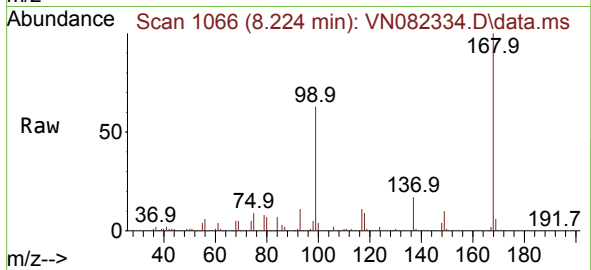
Quant Time: May 24 04:25:46 2024  
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Quant Title : SW846 8260  
QLast Update : Thu May 16 05:21:06 2024  
Response via : Initial Calibration



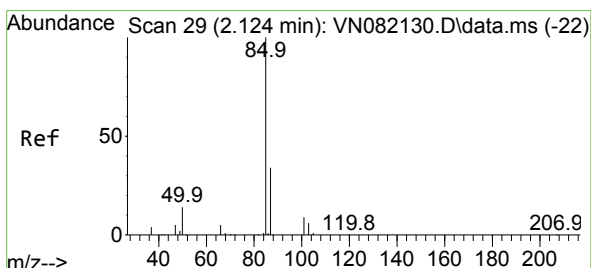
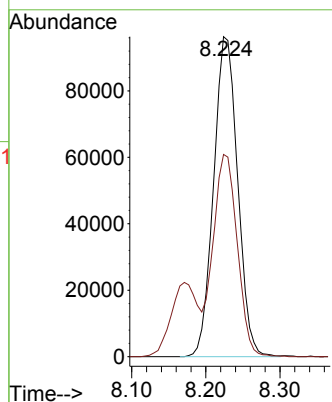
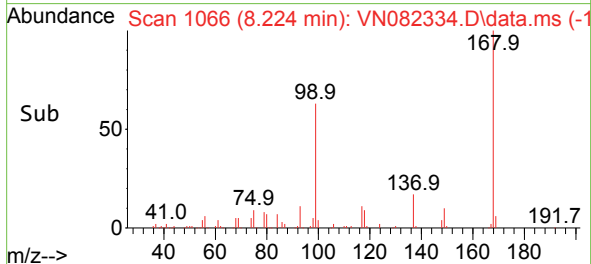


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Instrument :  
MSVOA\_N  
ClientSampleId :

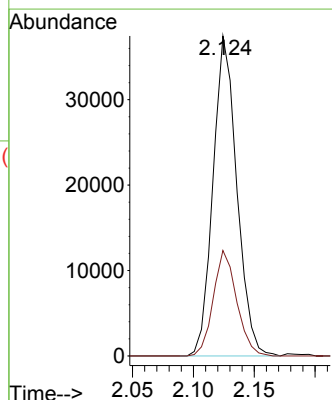
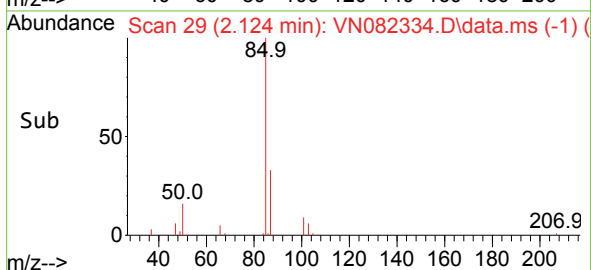
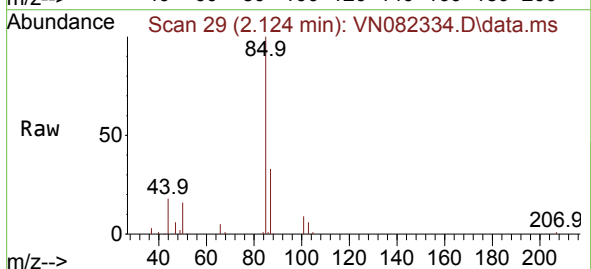


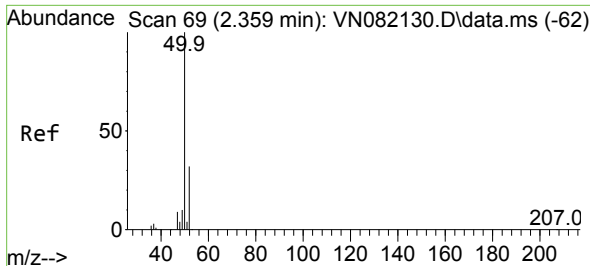
Tgt Ion:168 Resp: 217028  
Ion Ratio Lower Upper  
168 100  
99 63.0 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 16.300 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

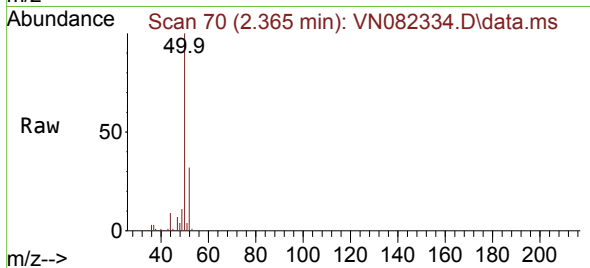
Tgt Ion: 85 Resp: 51003  
Ion Ratio Lower Upper  
85 100  
87 33.0 15.8 47.4



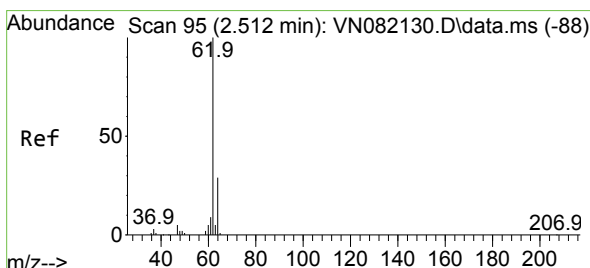
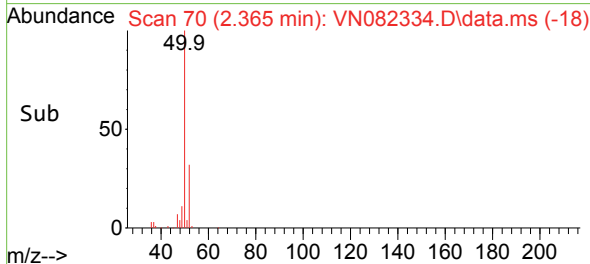
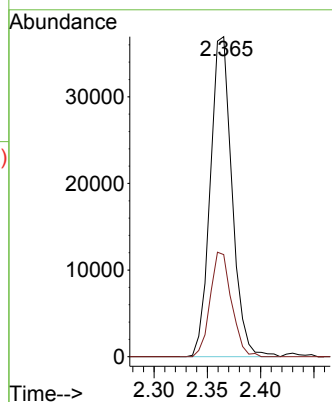


#3  
Chloromethane  
Concen: 14.785 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Instrument :  
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ClientSampleId :

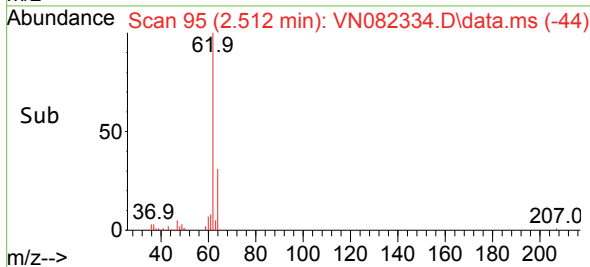
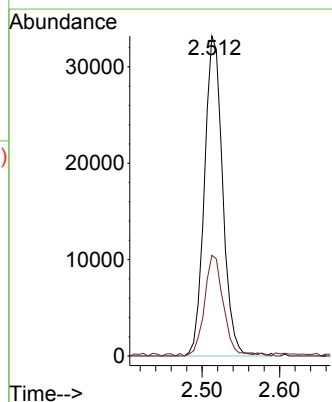
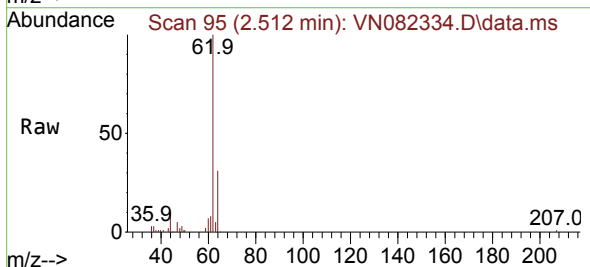


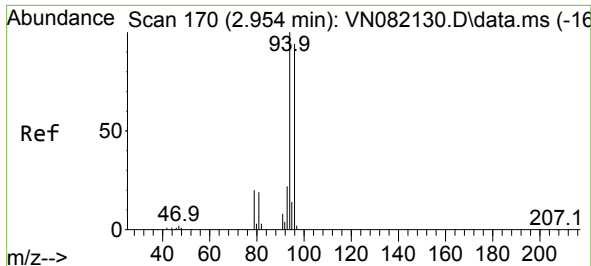
Tgt Ion: 50 Resp: 52429  
Ion Ratio Lower Upper  
50 100  
52 31.9 25.5 38.3



#4  
Vinyl Chloride  
Concen: 16.288 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

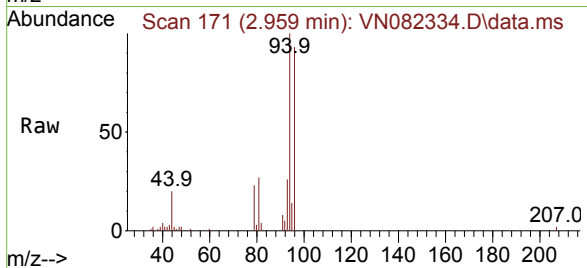
Tgt Ion: 62 Resp: 54300  
Ion Ratio Lower Upper  
62 100  
64 30.8 24.6 37.0



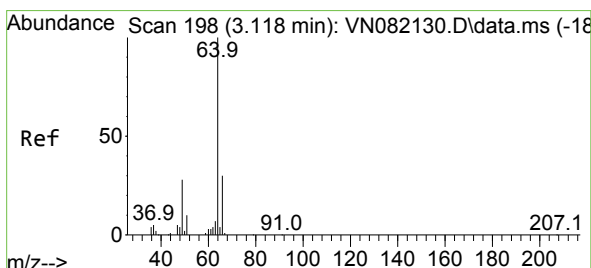
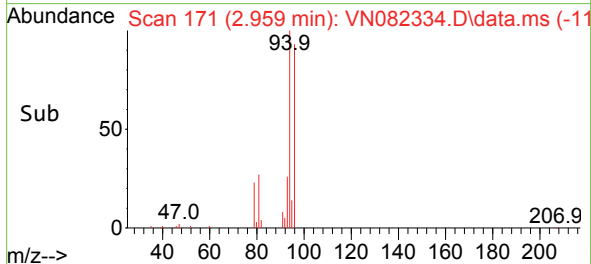
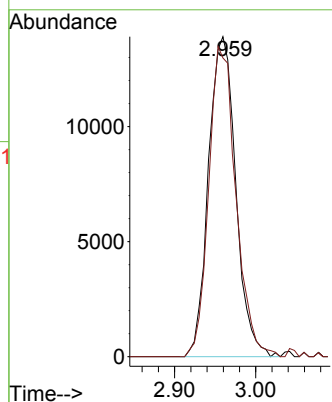


#5  
Bromomethane  
Concen: 16.917 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Instrument :  
MSVOA\_N  
ClientSampleId :

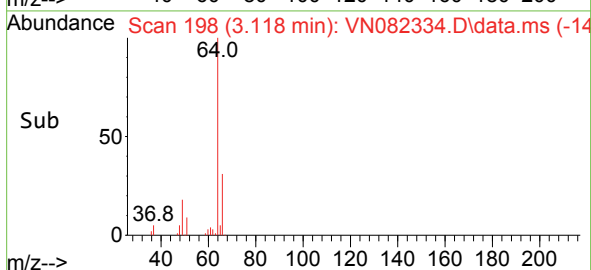
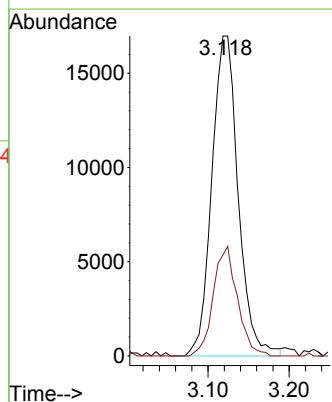
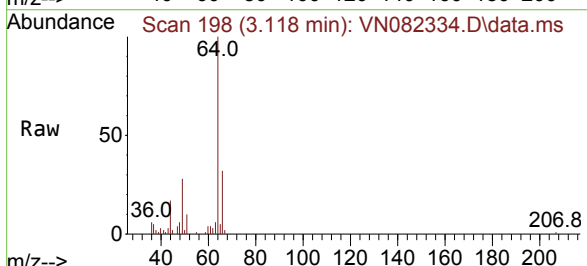


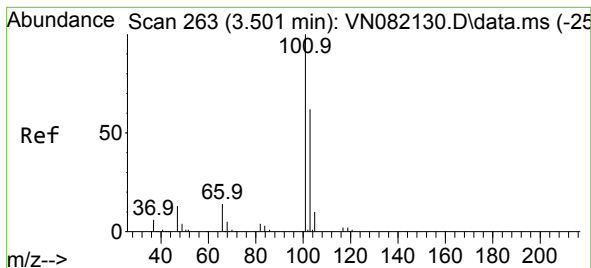
Tgt Ion: 94 Resp: 32416  
Ion Ratio Lower Upper  
94 100  
96 93.4 74.8 112.2



#6  
Chloroethane  
Concen: 17.599 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 64 Resp: 38310  
Ion Ratio Lower Upper  
64 100  
66 31.5 24.7 37.1





#7

Trichlorofluoromethane

Concen: 17.852 ug/l

RT: 3.495 min Scan# 2

Delta R.T. -0.006 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

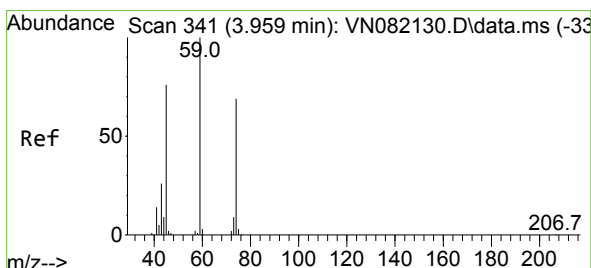
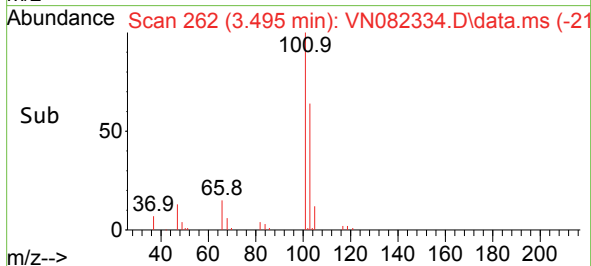
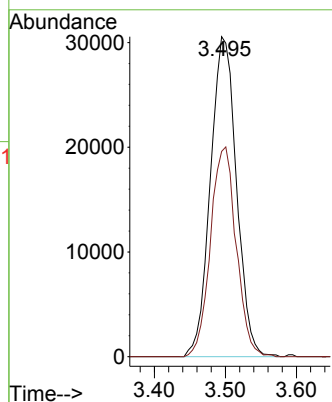
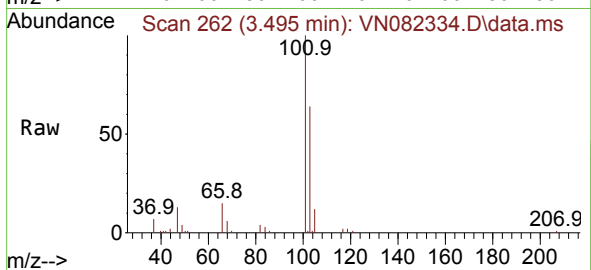
ClientSampleId :

Tgt Ion:101 Resp: 77933

Ion Ratio Lower Upper

101 100

103 64.2 50.6 75.8



#8

Diethyl Ether

Concen: 20.223 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.000 min

Lab File: VN082334.D

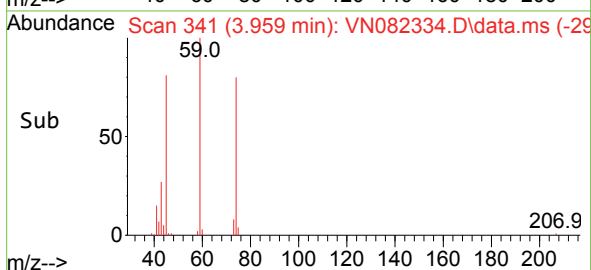
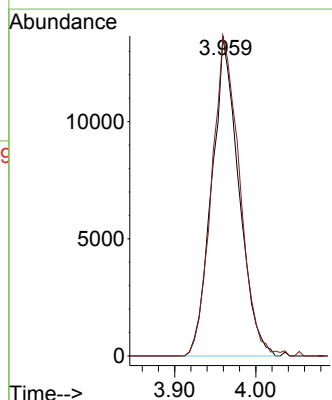
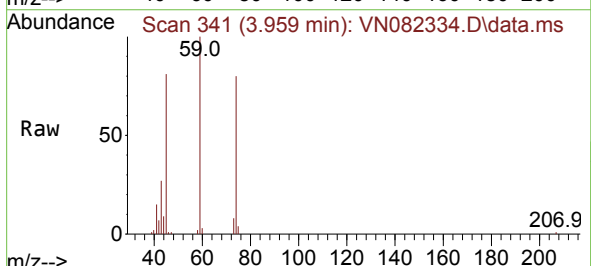
Acq: 23 May 2024 20:21

Tgt Ion: 74 Resp: 31449

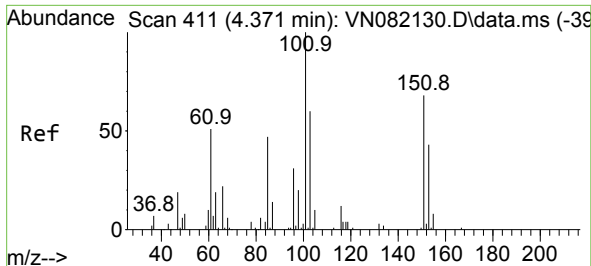
Ion Ratio Lower Upper

74 100

45 104.1 42.4 127.3



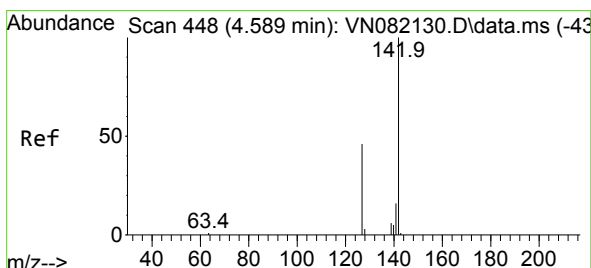
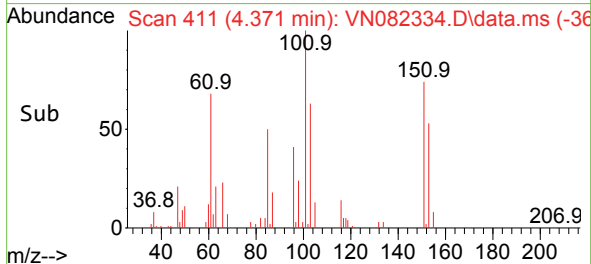
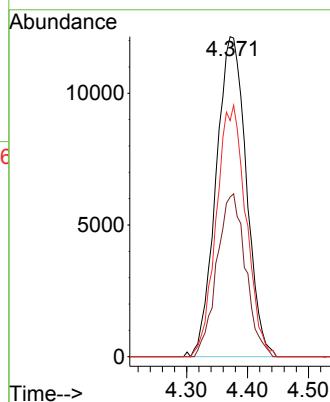
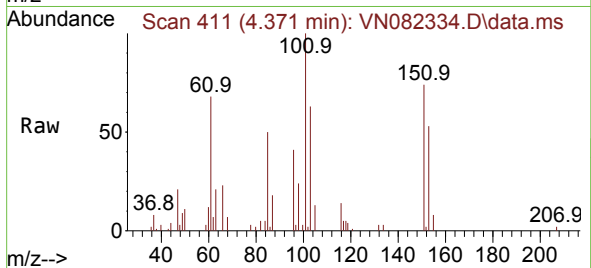




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 16.436 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

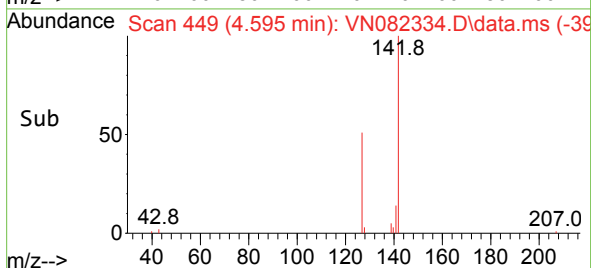
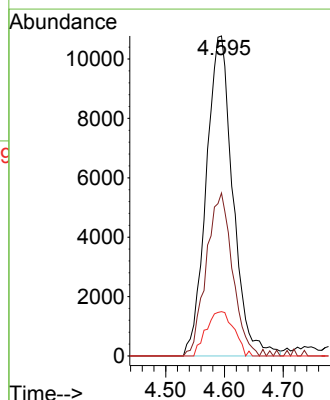
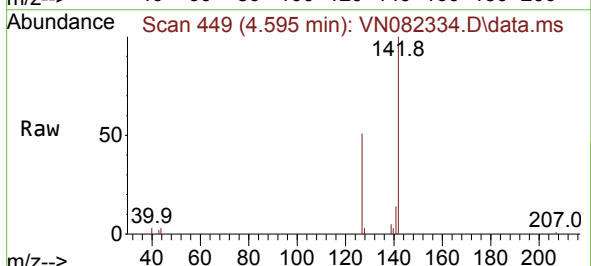
Instrument :  
MSVOA\_N  
ClientSampleId :

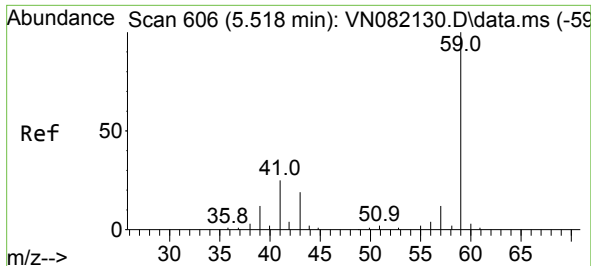
Tgt Ion:101 Resp: 41913  
Ion Ratio Lower Upper  
101 100  
85 48.4 37.3 55.9  
151 77.0 59.2 88.8



#10  
Methyl Iodide  
Concen: 13.245 ug/l  
RT: 4.595 min Scan# 449  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion:142 Resp: 33954  
Ion Ratio Lower Upper  
142 100  
127 50.9 35.8 53.6  
141 13.8 11.4 17.2

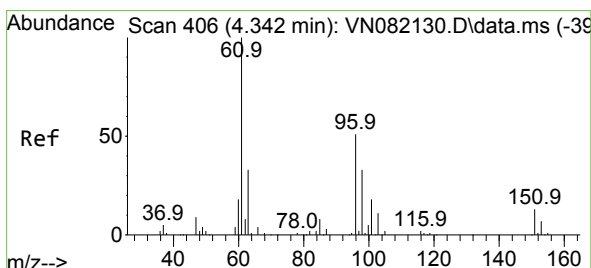
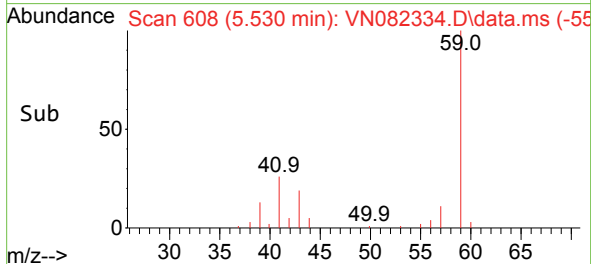
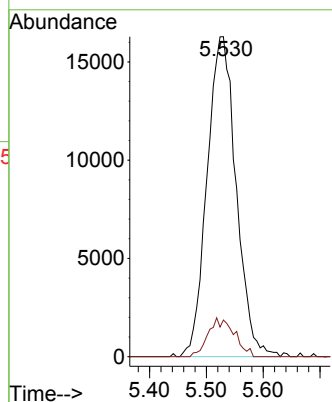
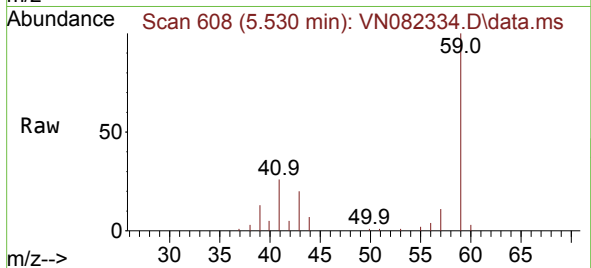




#11  
Tert butyl alcohol  
Concen: 105.180 ug/l  
RT: 5.530 min Scan# 606  
Delta R.T. 0.012 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

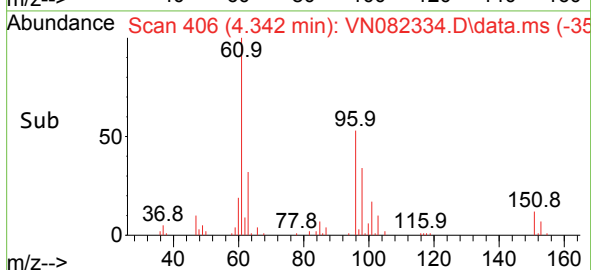
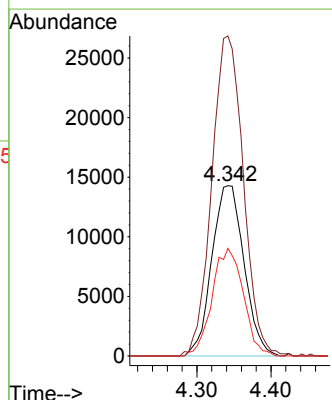
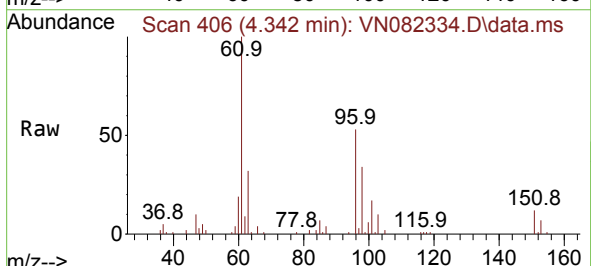
Instrument :  
MSVOA\_N  
ClientSampleId :

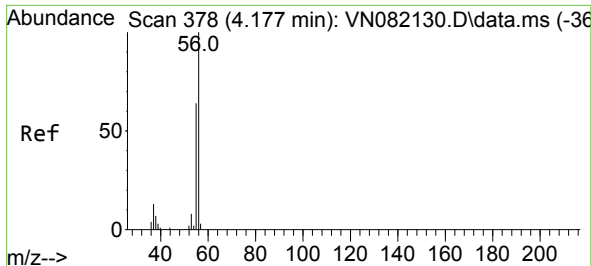
Tgt Ion: 59 Resp: 57859  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.9 13.3



#12  
1,1-Dichloroethene  
Concen: 18.192 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 96 Resp: 43118  
Ion Ratio Lower Upper  
96 100  
61 187.9 119.7 179.5#  
98 63.1 49.6 74.4





#13

Acrolein

Concen: 88.075 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

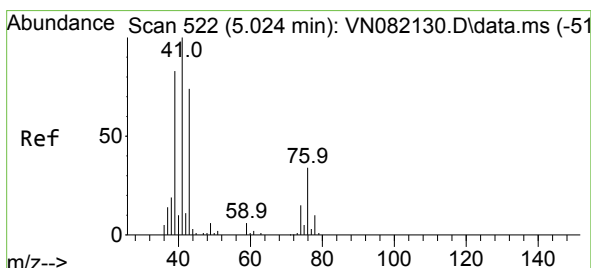
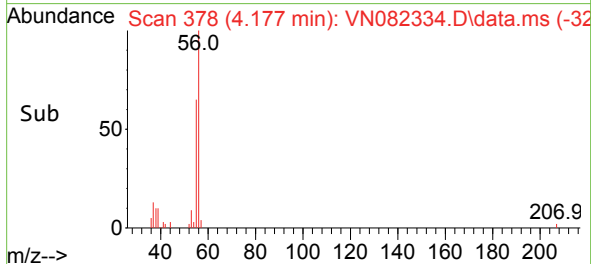
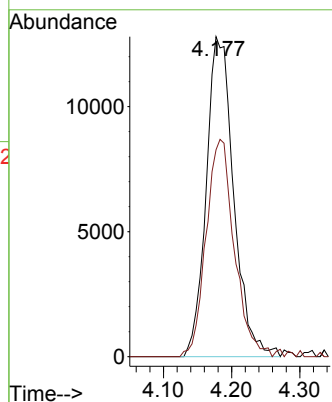
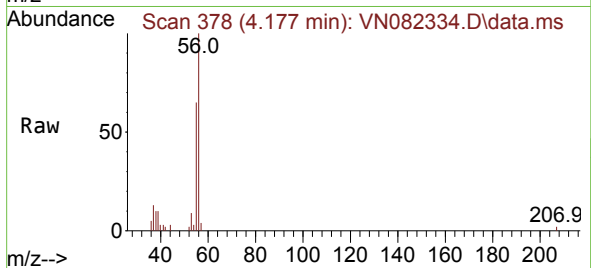
ClientSampleId :

Tgt Ion: 56 Resp: 35903

Ion Ratio Lower Upper

56 100

55 69.6 55.8 83.8



#14

Allyl chloride

Concen: 17.674 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

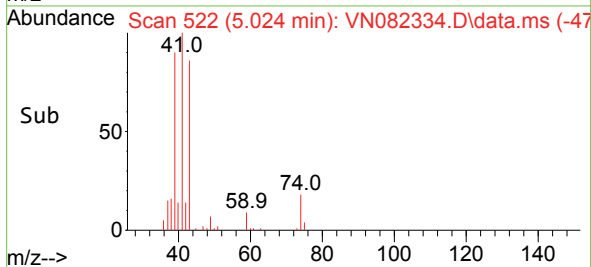
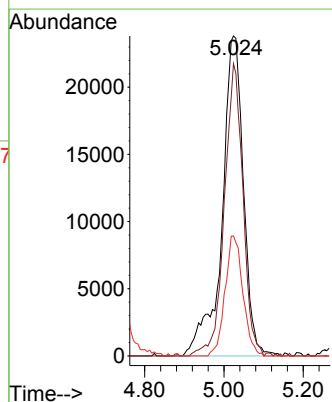
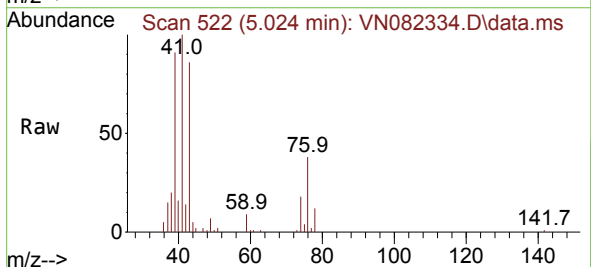
Tgt Ion: 41 Resp: 89687

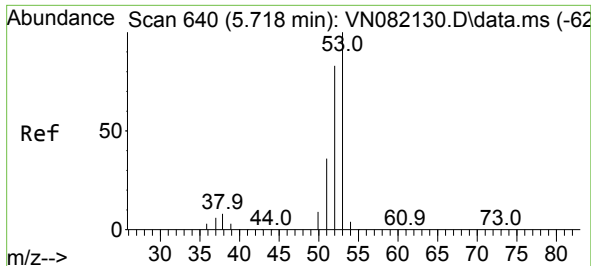
Ion Ratio Lower Upper

41 100

39 78.7 65.4 98.0

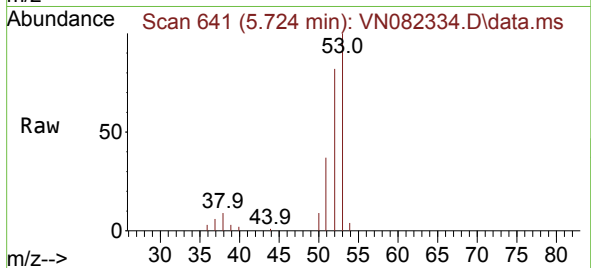
76 31.2 37.3 55.9#



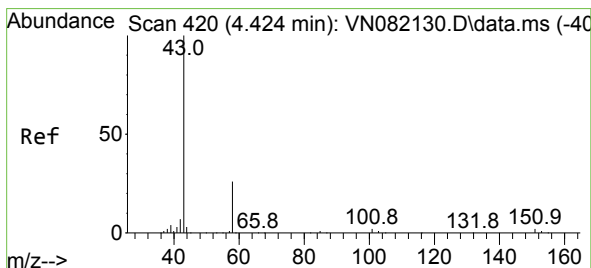
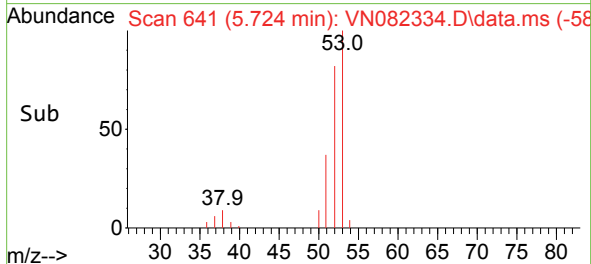
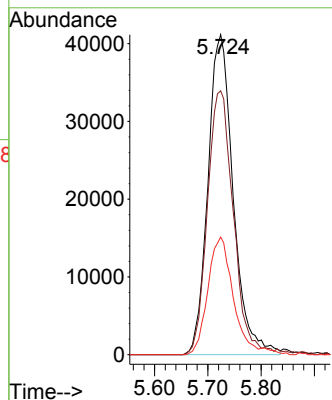


#15  
Acrylonitrile  
Concen: 95.225 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Instrument :  
MSVOA\_N  
ClientSampleId :

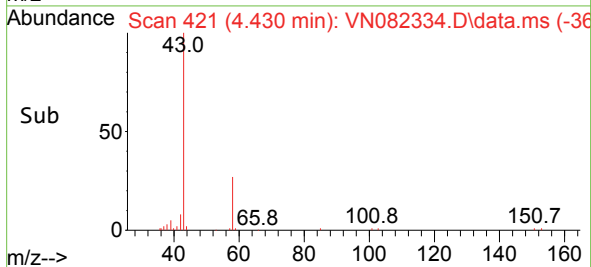
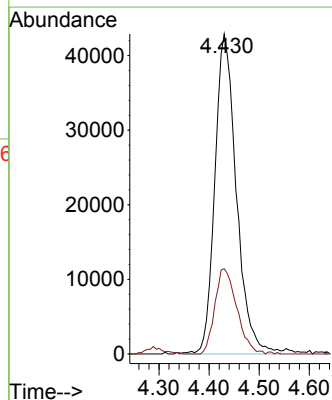
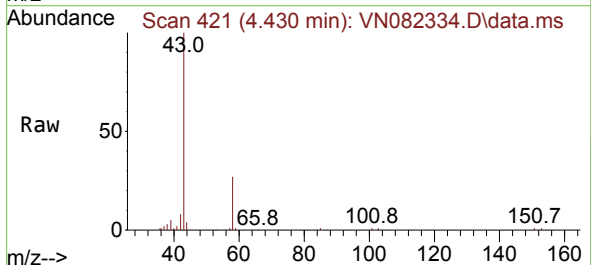


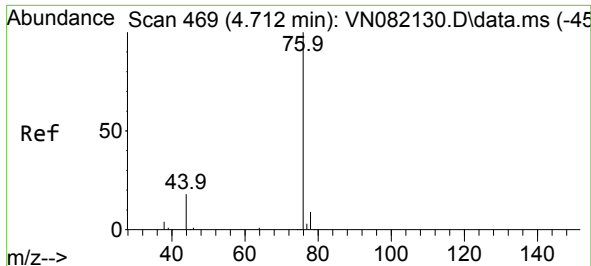
Tgt Ion: 53 Resp: 135666  
Ion Ratio Lower Upper  
53 100  
52 85.2 66.1 99.1  
51 37.5 29.4 44.2



#16  
Acetone  
Concen: 90.959 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 43 Resp: 127869  
Ion Ratio Lower Upper  
43 100  
58 26.7 25.2 37.8

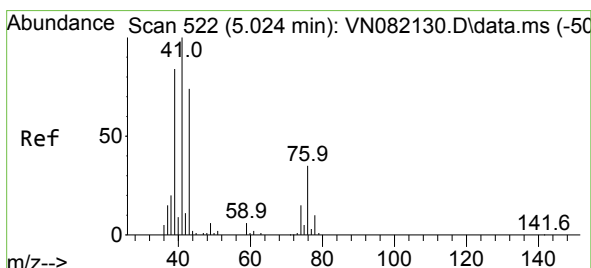
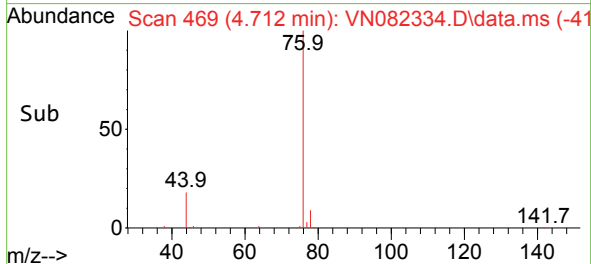
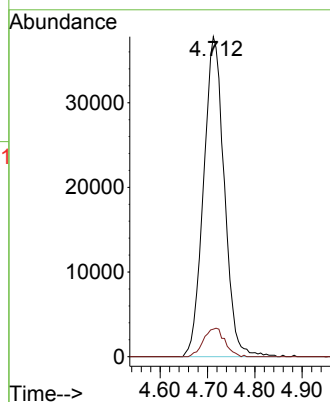
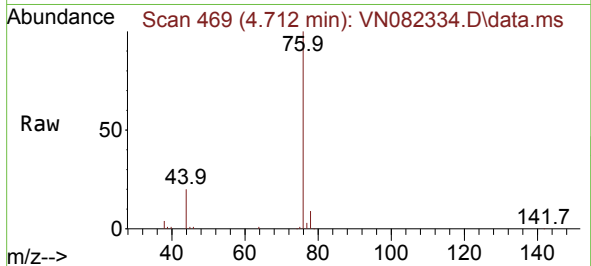




#17  
Carbon Disulfide  
Concen: 15.013 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

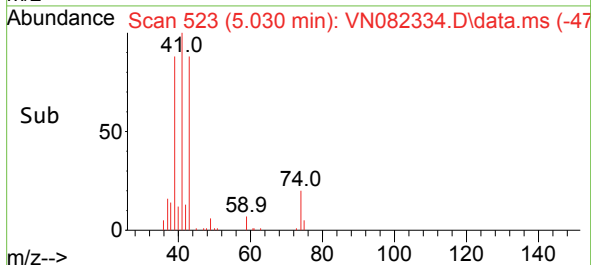
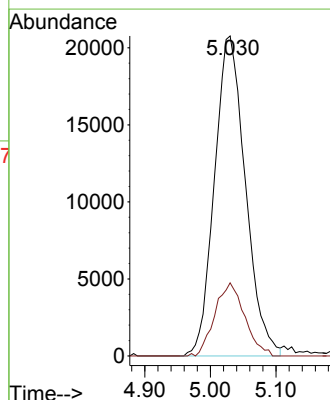
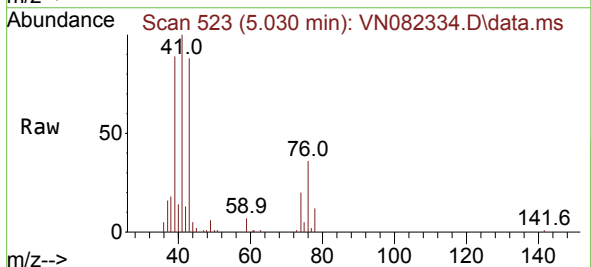
Instrument :  
MSVOA\_N  
ClientSampleId :

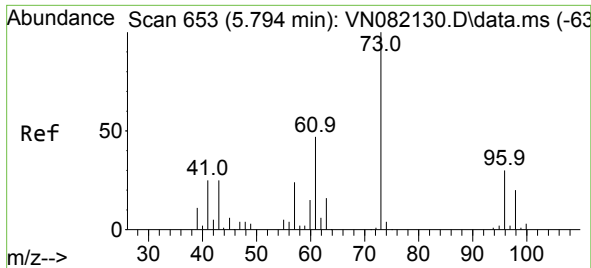
Tgt Ion: 76 Resp: 114928  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.5 11.3



#18  
Methyl Acetate  
Concen: 19.449 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 43 Resp: 68091  
Ion Ratio Lower Upper  
43 100  
74 22.0 22.2 33.2#

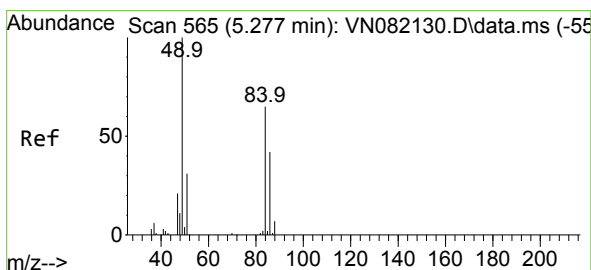
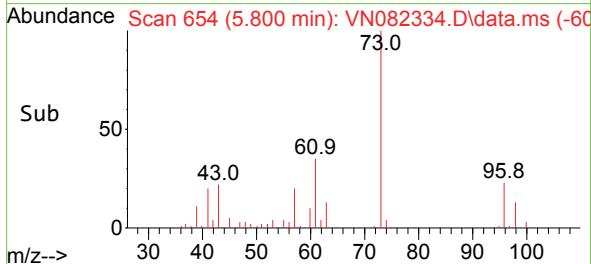
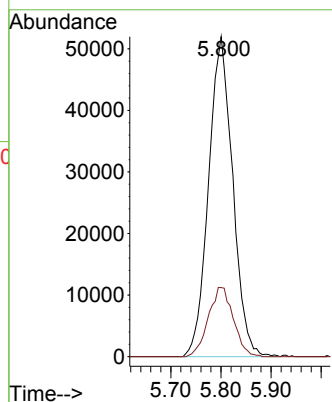
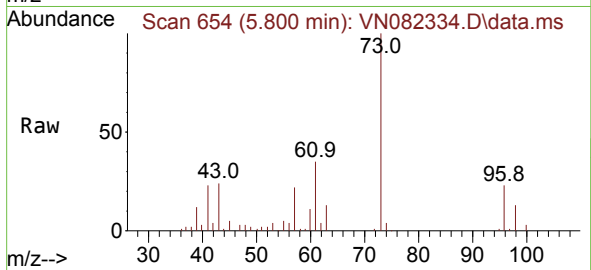




#19  
Methyl tert-butyl Ether  
Concen: 20.056 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

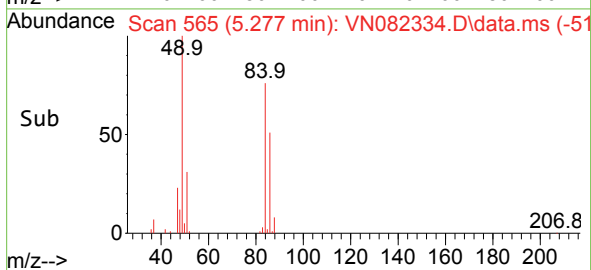
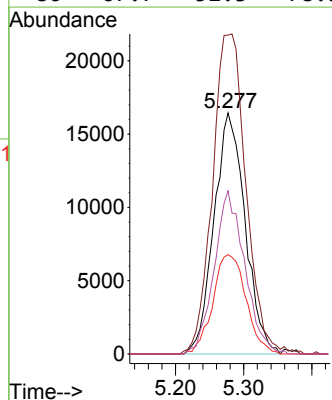
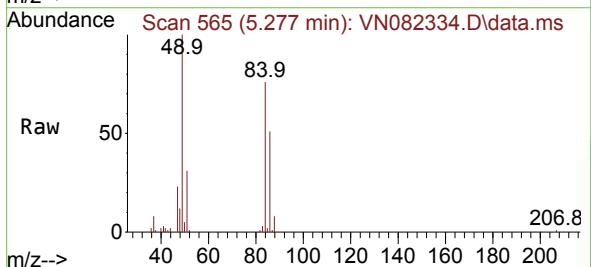
Instrument :  
MSVOA\_N  
ClientSampleId :

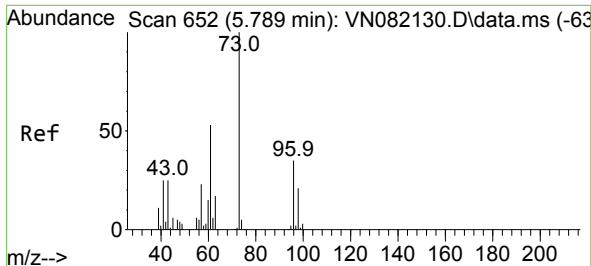
Tgt Ion: 73 Resp: 173761  
Ion Ratio Lower Upper  
73 100  
57 21.6 16.5 24.7



#20  
Methylene Chloride  
Concen: 18.431 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 84 Resp: 52275  
Ion Ratio Lower Upper  
84 100  
49 132.3 84.9 127.3#  
51 41.2 27.0 40.6#  
86 67.7 52.3 78.5

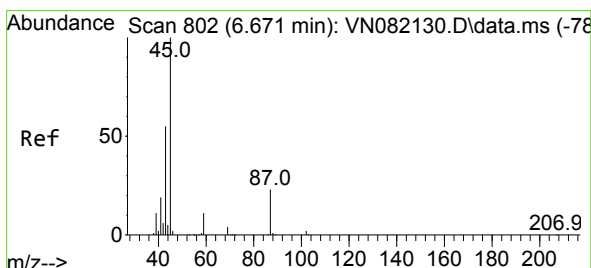
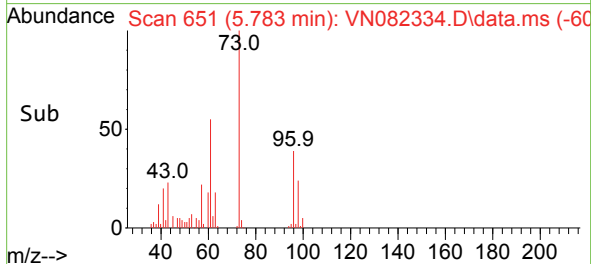
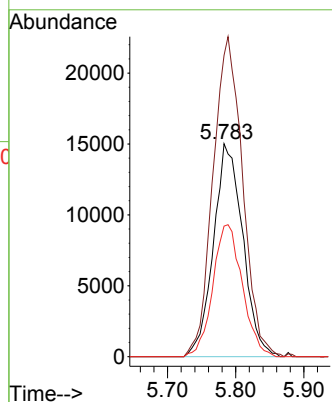
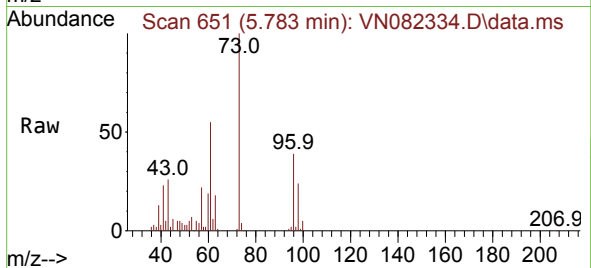




#21  
trans-1,2-Dichloroethene  
Concen: 17.379 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

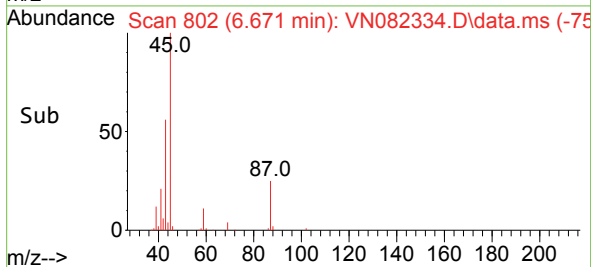
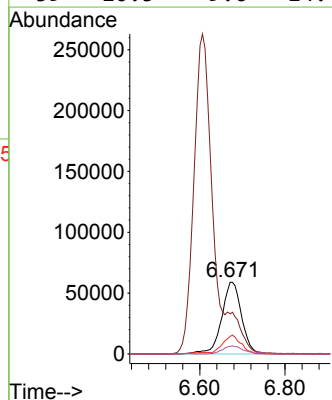
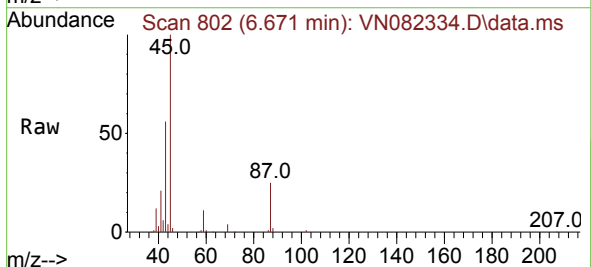
Instrument :  
MSVOA\_N  
ClientSampleId :

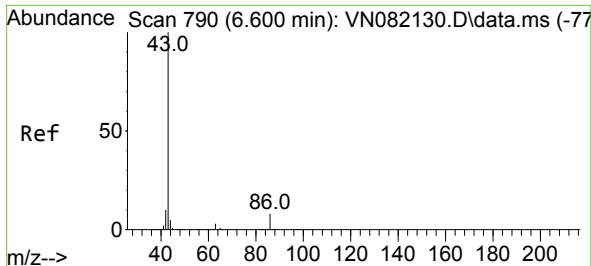
Tgt Ion: 96 Resp: 44888  
Ion Ratio Lower Upper  
96 100  
61 141.4 96.5 144.7  
98 61.3 51.3 76.9



#22  
Diisopropyl ether  
Concen: 18.053 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 45 Resp: 191298  
Ion Ratio Lower Upper  
45 100  
43 55.0 44.1 66.1  
87 24.6 27.0 40.6#  
59 10.5 9.6 14.4

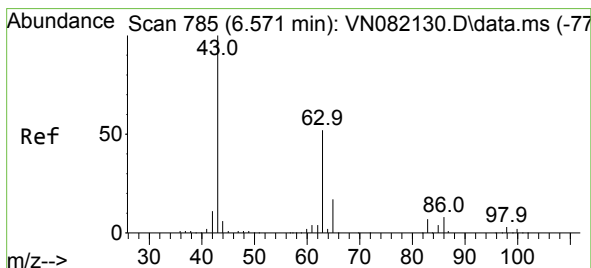
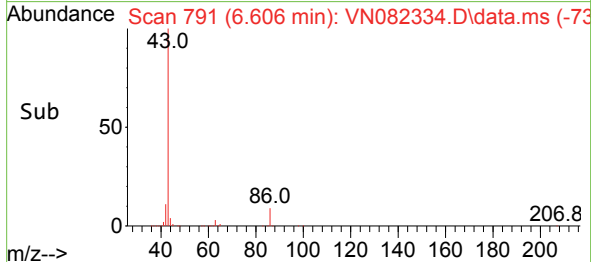
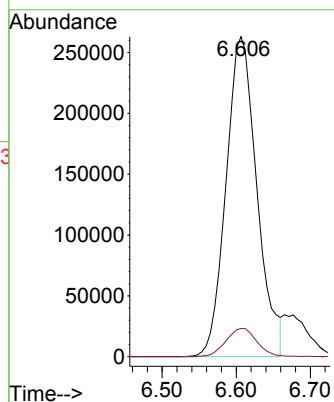
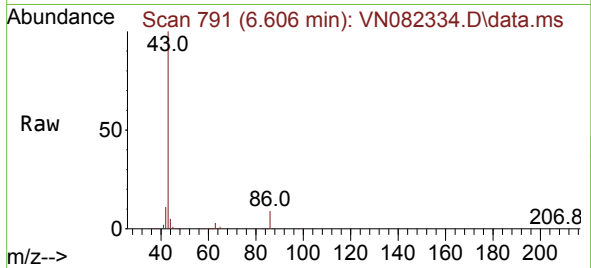




#23  
 Vinyl Acetate  
 Concen: 91.127 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN082334.D  
 Acq: 23 May 2024 20:21

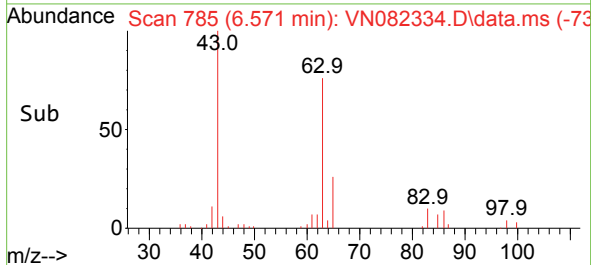
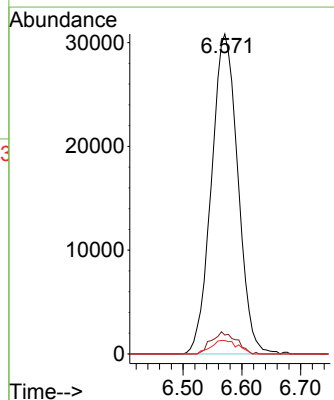
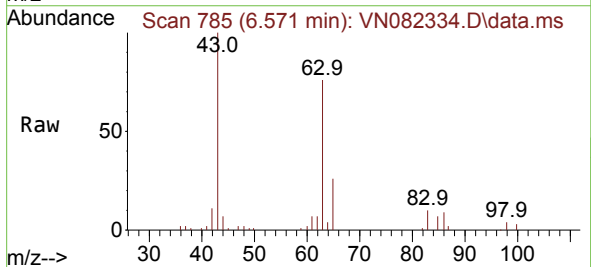
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 761325  
 Ion Ratio Lower Upper  
 43 100  
 86 8.8 10.2 15.4#

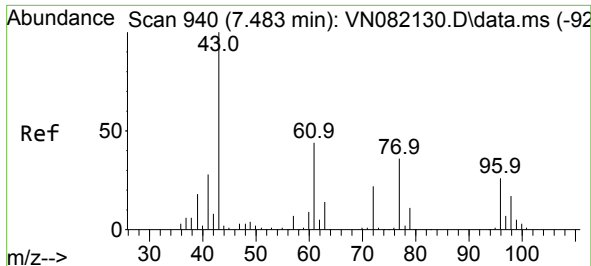


#24  
 1,1-Dichloroethane  
 Concen: 17.629 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: VN082334.D  
 Acq: 23 May 2024 20:21

Tgt Ion: 63 Resp: 96285  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.6 10.9  
 100 4.2 2.6 7.8



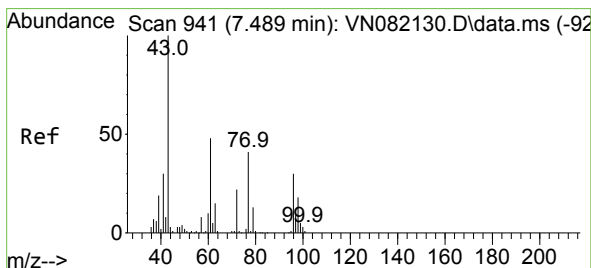
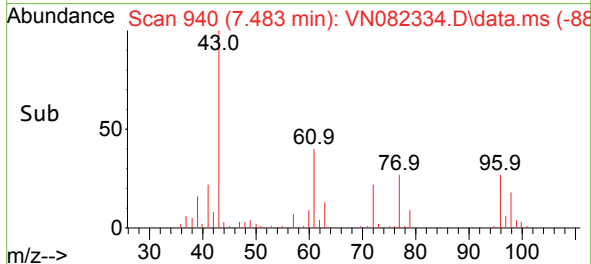
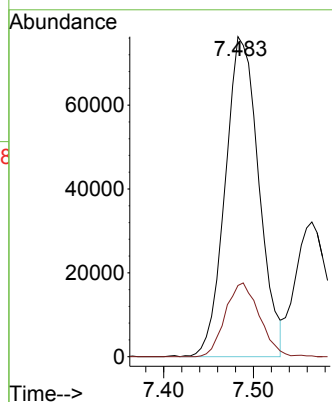
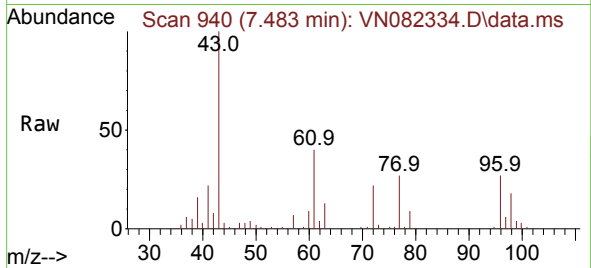




#25  
2-Butanone  
Concen: 93.348 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

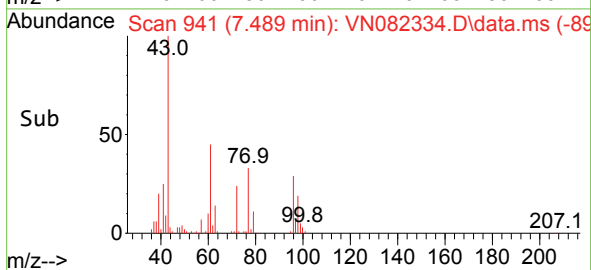
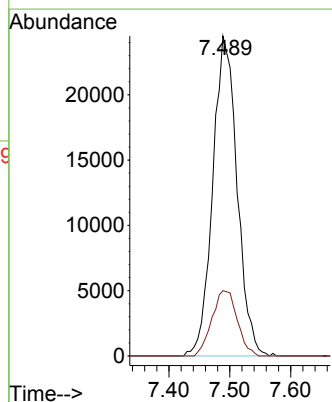
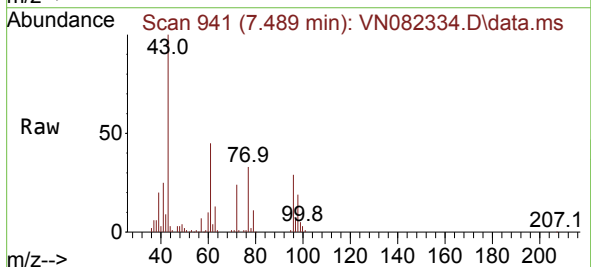
Instrument :  
MSVOA\_N  
ClientSampleId :

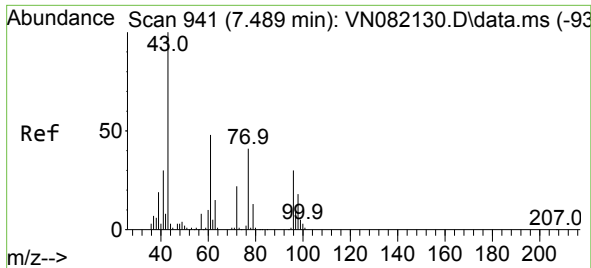
Tgt Ion: 43 Resp: 198962  
Ion Ratio Lower Upper  
43 100  
72 22.3 25.3 37.9#



#26  
2,2-Dichloropropane  
Concen: 14.891 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

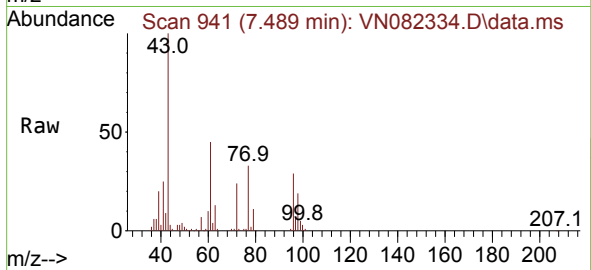
Tgt Ion: 77 Resp: 68120  
Ion Ratio Lower Upper  
77 100  
97 21.2 11.3 33.9



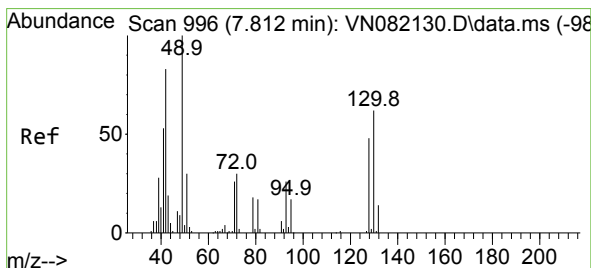
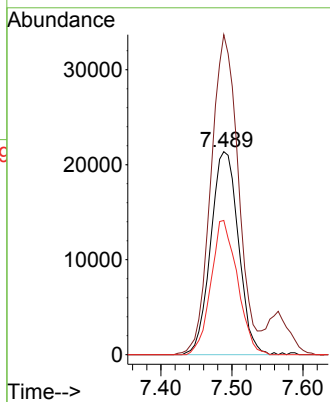
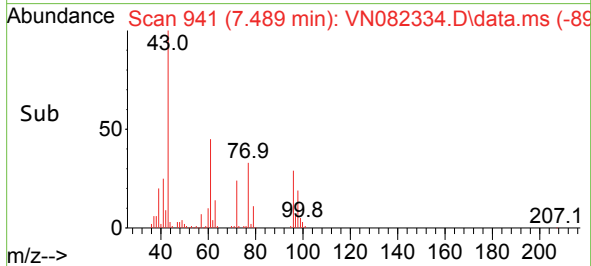


#27  
cis-1,2-Dichloroethene  
Concen: 19.016 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Instrument :  
MSVOA\_N  
ClientSampleId :

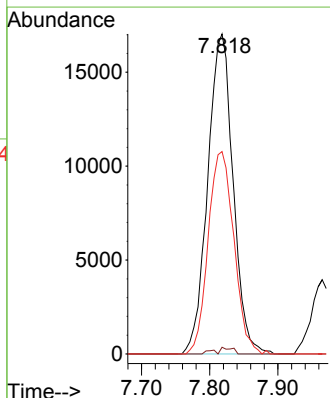
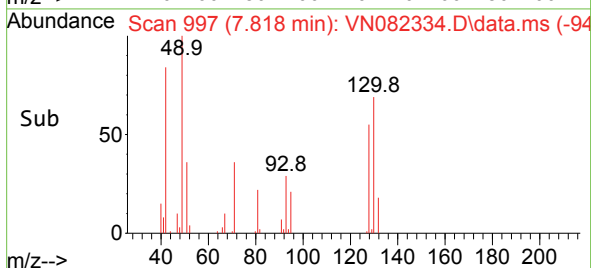
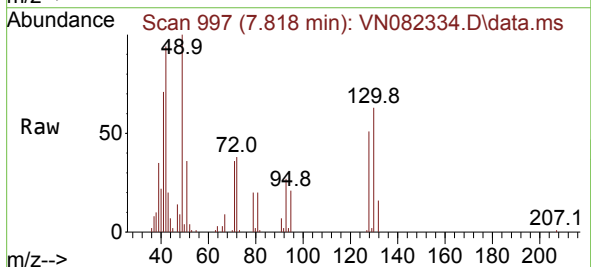


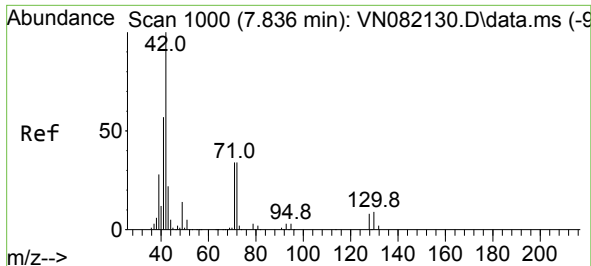
Tgt Ion: 96 Resp: 57966  
Ion Ratio Lower Upper  
96 100  
61 155.1 0.0 268.0  
98 63.1 0.0 126.8



#28  
Bromochloromethane  
Concen: 17.967 ug/l  
RT: 7.818 min Scan# 997  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 49 Resp: 44061  
Ion Ratio Lower Upper  
49 100  
129 0.9 0.0 4.6  
130 64.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 93.888 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.011 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

ClientSampleId :

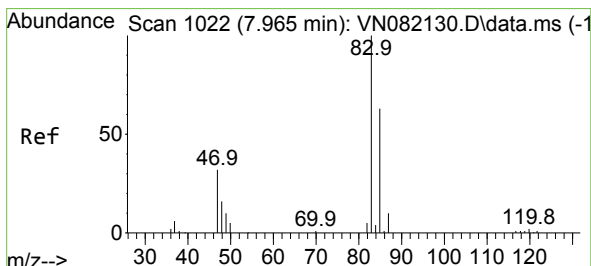
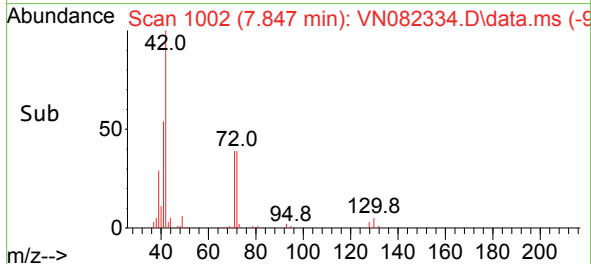
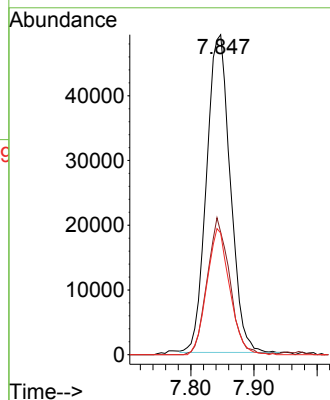
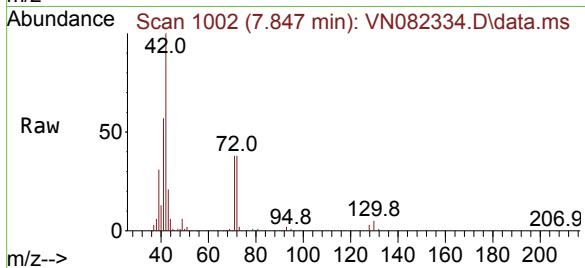
Tgt Ion: 42 Resp: 128483

Ion Ratio Lower Upper

42 100

72 40.8 39.3 58.9

71 38.3 37.4 56.0



#30

Chloroform

Concen: 18.794 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082334.D

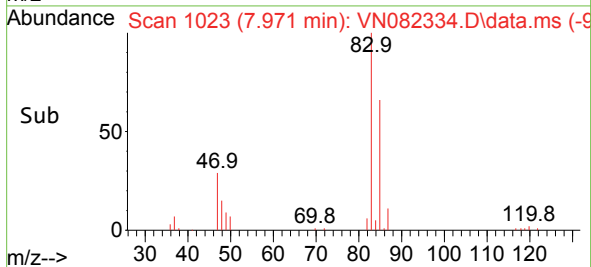
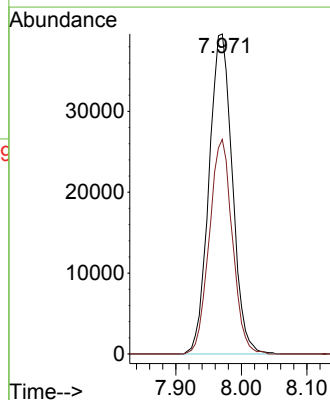
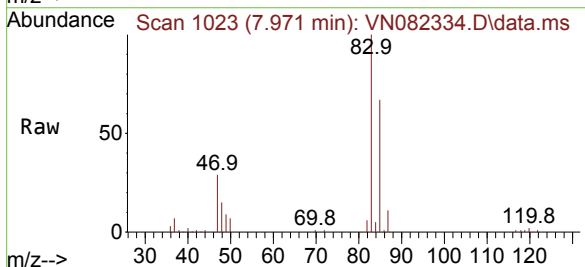
Acq: 23 May 2024 20:21

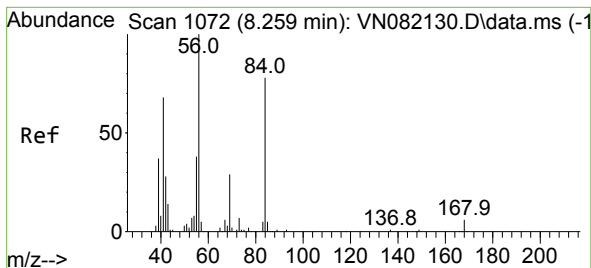
Tgt Ion: 83 Resp: 98025

Ion Ratio Lower Upper

83 100

85 67.0 50.7 76.1





#31

Cyclohexane

Concen: 14.850 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

ClientSampleId :

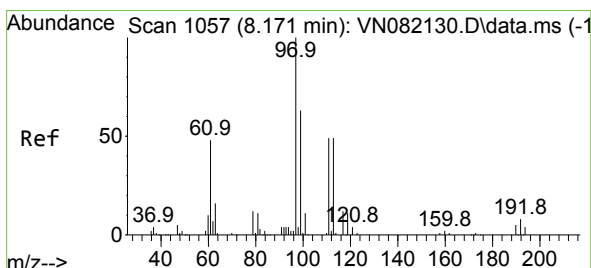
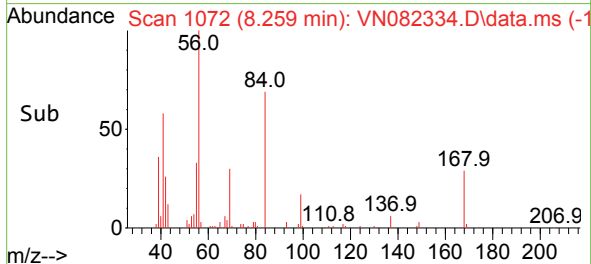
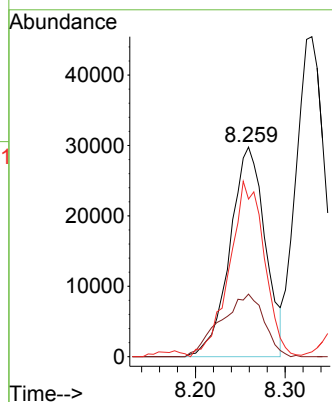
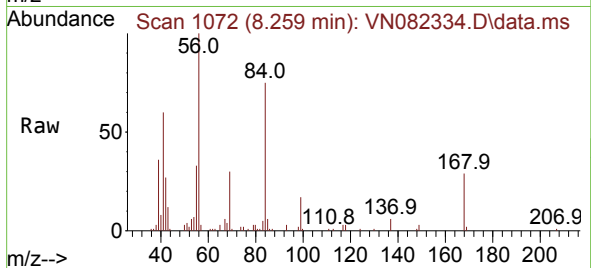
Tgt Ion: 56 Resp: 81277

Ion Ratio Lower Upper

56 100

69 29.8 24.4 36.6

84 73.3 77.0 115.4#



#32

1,1,1-Trichloroethane

Concen: 18.686 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

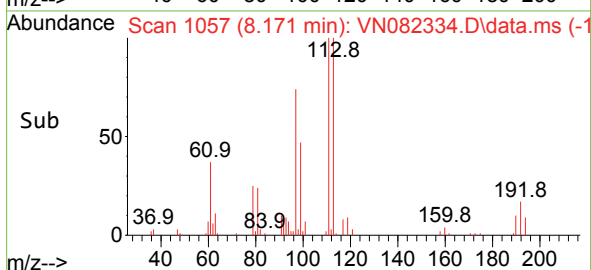
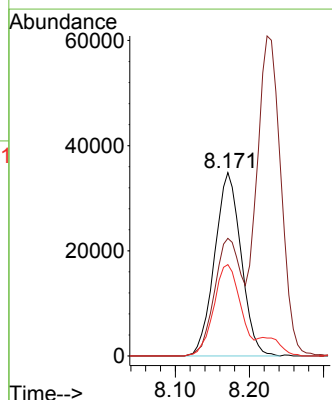
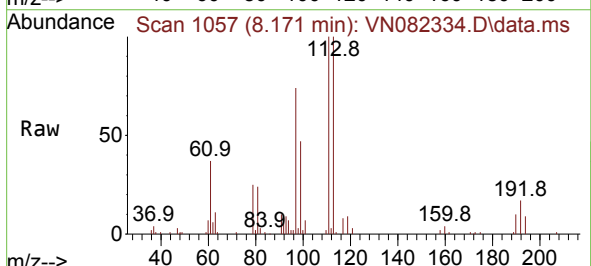
Tgt Ion: 97 Resp: 86461

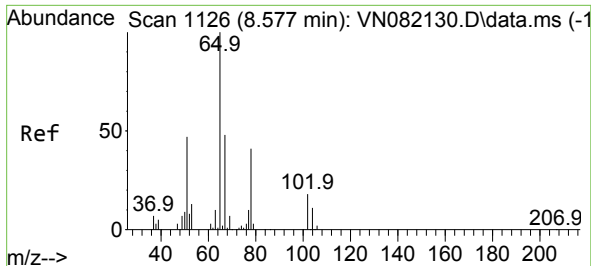
Ion Ratio Lower Upper

97 100

99 65.0 50.3 75.5

61 50.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 46.424 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

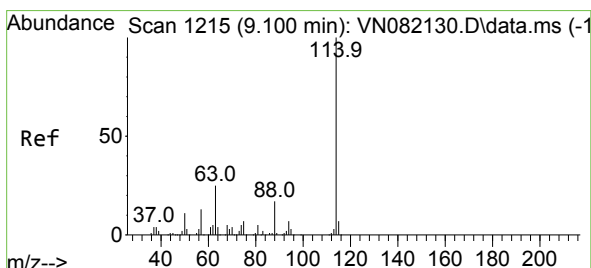
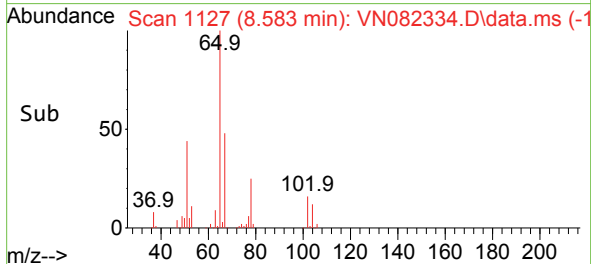
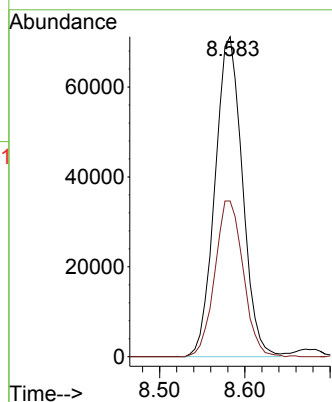
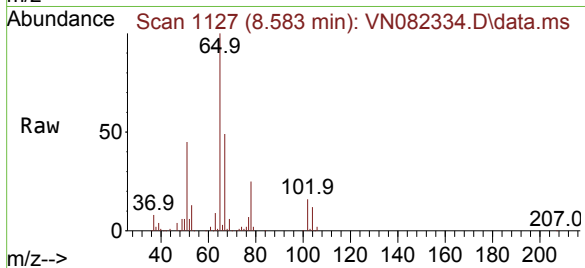
ClientSampleId :

Tgt Ion: 65 Resp: 159093

Ion Ratio Lower Upper

65 100

67 50.3 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: VN082334.D

Acq: 23 May 2024 20:21

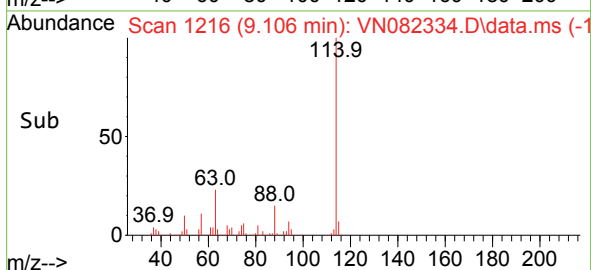
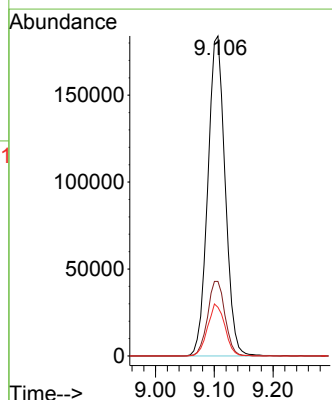
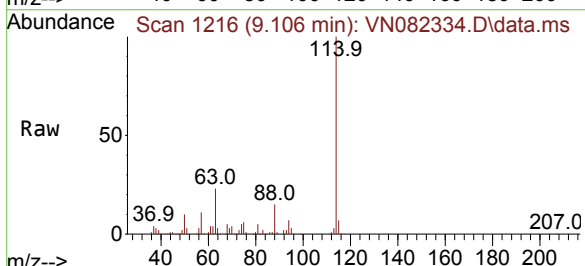
Tgt Ion: 114 Resp: 376160

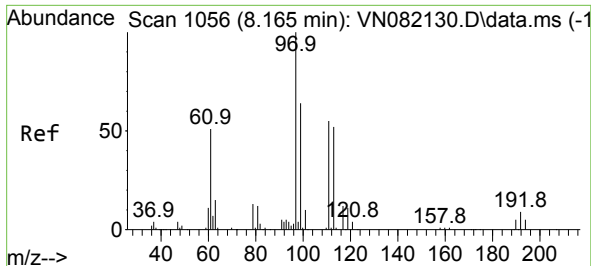
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

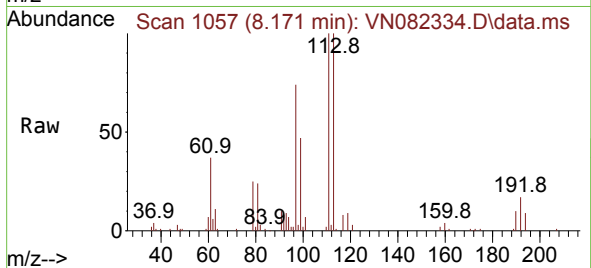
88 15.2 0.0 31.4



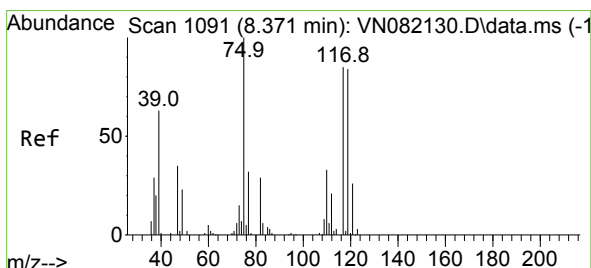
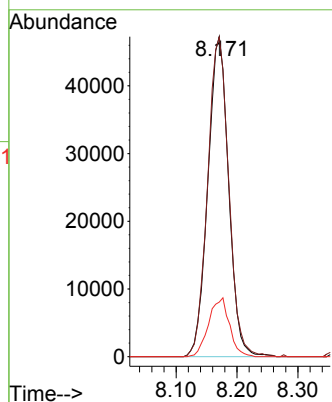
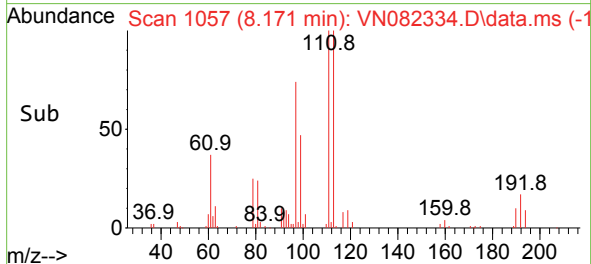


#35  
Dibromofluoromethane  
Concen: 48.291 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Instrument :  
MSVOA\_N  
ClientSampleId :

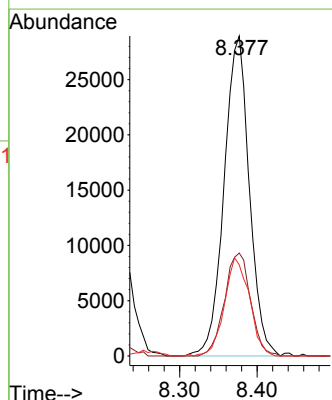
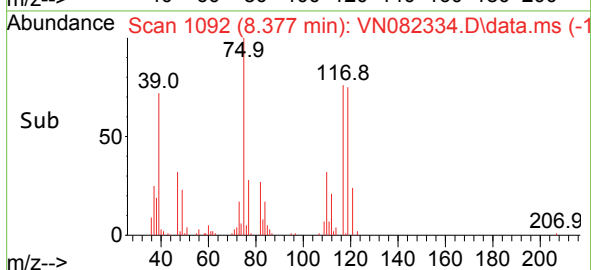
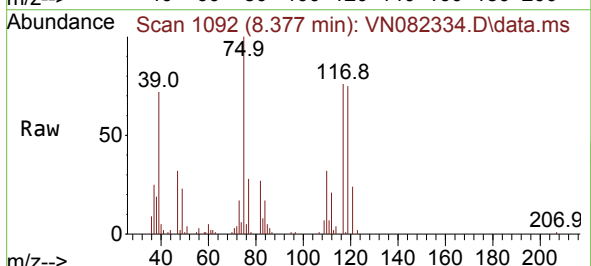


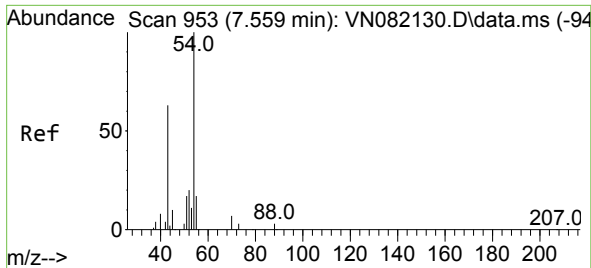
Tgt Ion:113 Resp: 111744  
Ion Ratio Lower Upper  
113 100  
111 101.8 83.4 125.2  
192 18.5 14.0 21.0



#36  
1,1-Dichloropropene  
Concen: 16.873 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

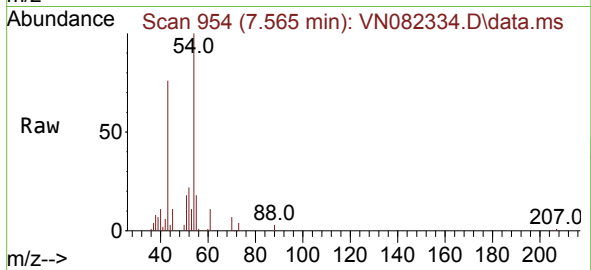
Tgt Ion: 75 Resp: 65484  
Ion Ratio Lower Upper  
75 100  
110 33.2 17.8 53.5  
77 30.4 25.0 37.4



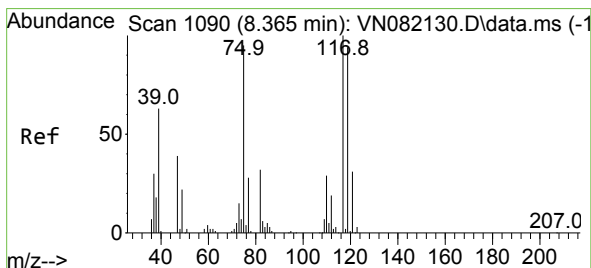
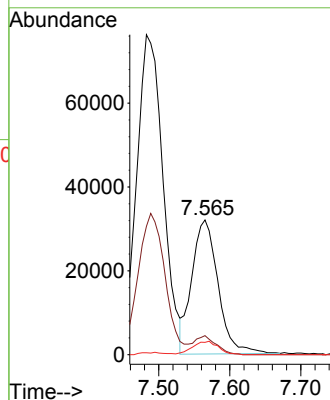
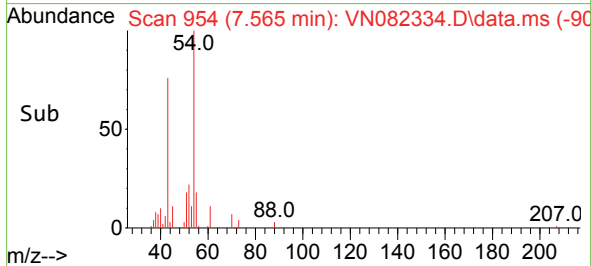


#37  
Ethyl Acetate  
Concen: 18.986 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Instrument :  
MSVOA\_N  
ClientSampleId :

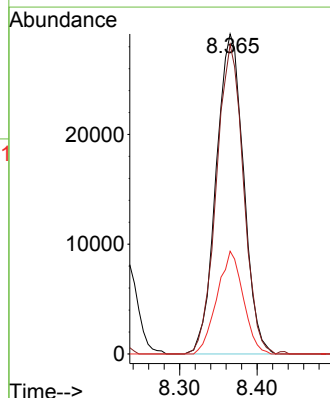
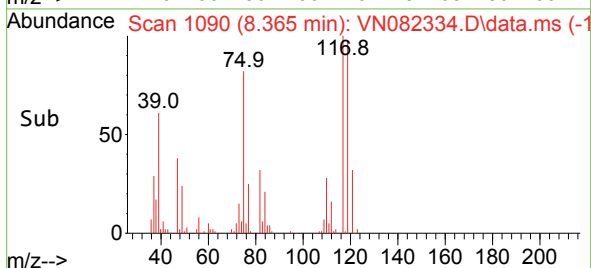
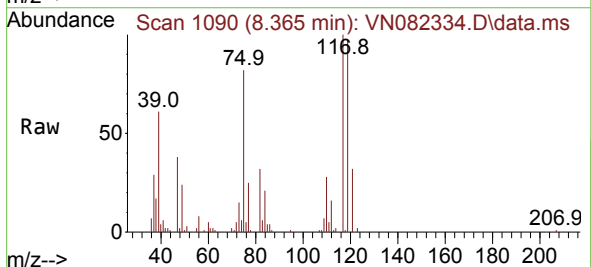


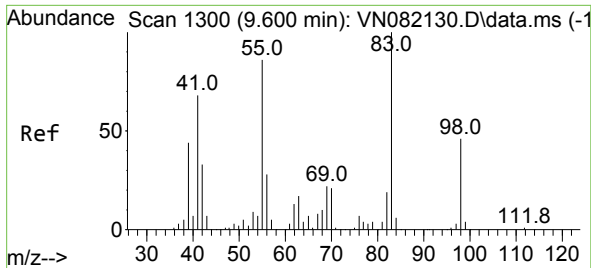
Tgt Ion: 43 Resp: 82460  
Ion Ratio Lower Upper  
43 100  
61 11.6 11.3 16.9  
70 9.8 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 18.230 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 117 Resp: 71717  
Ion Ratio Lower Upper  
117 100  
119 96.7 76.5 114.7  
121 32.1 23.9 35.9

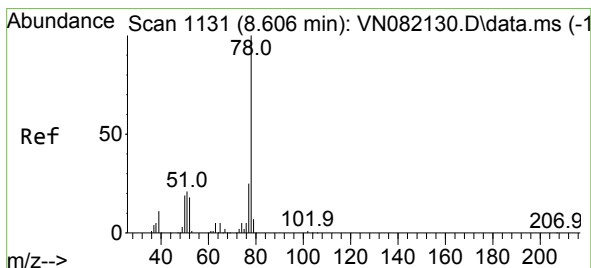
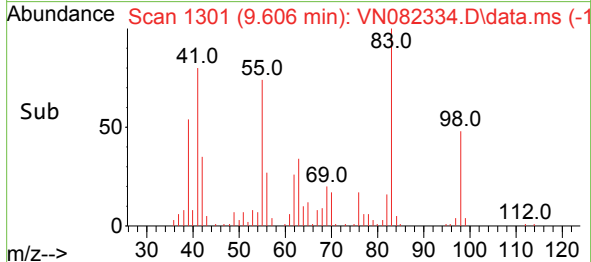
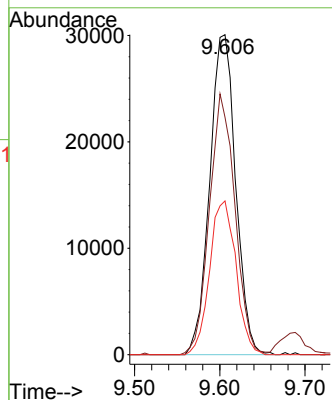
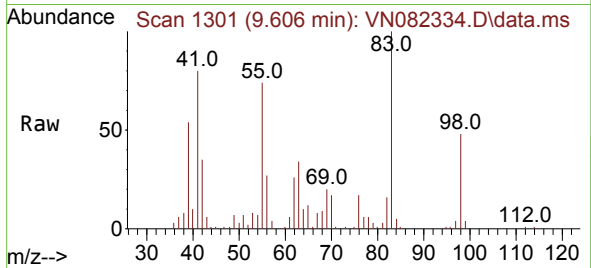




#39  
Methylcyclohexane  
Concen: 14.979 ug/l  
RT: 9.606 min Scan# 1130  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

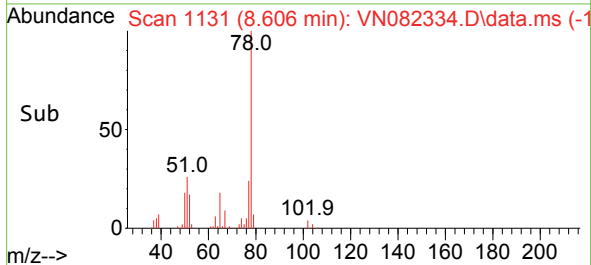
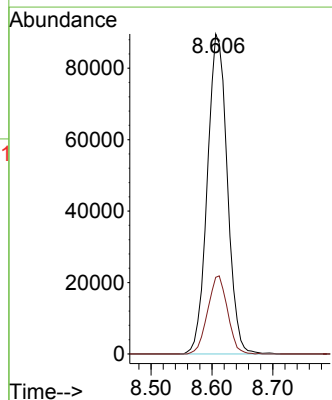
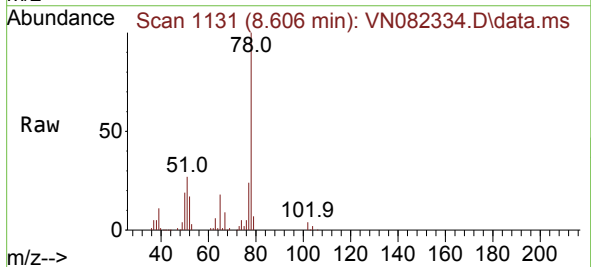
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 83 Resp: 63720  
Ion Ratio Lower Upper  
83 100  
55 74.2 53.0 79.6  
98 48.0 37.1 55.7

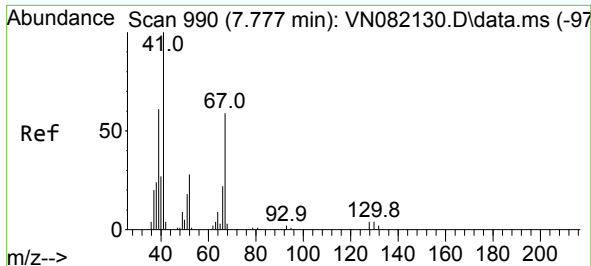


#40  
Benzene  
Concen: 17.631 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 78 Resp: 204038  
Ion Ratio Lower Upper  
78 100  
77 24.0 20.0 30.0

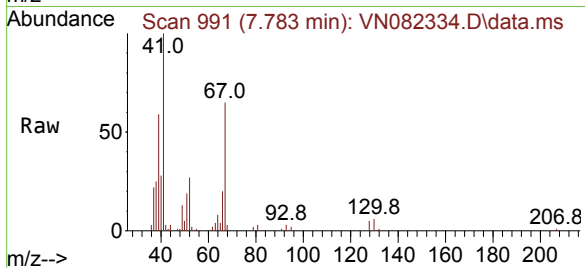




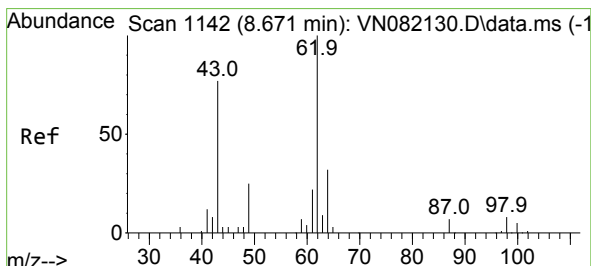
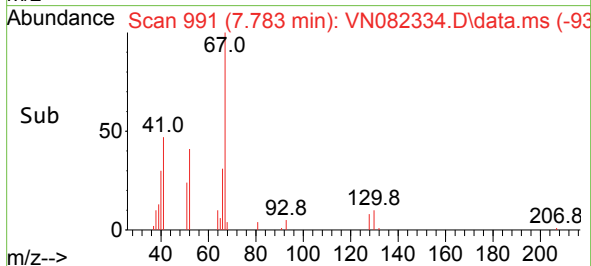
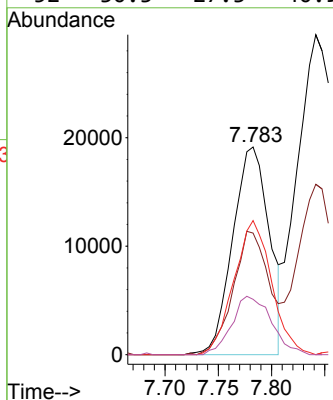


#41  
Methacrylonitrile  
Concen: 17.930 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Instrument :  
MSVOA\_N  
ClientSampleId :

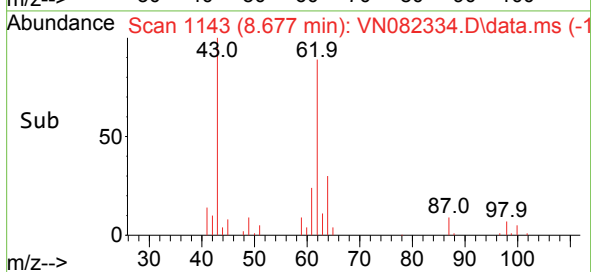
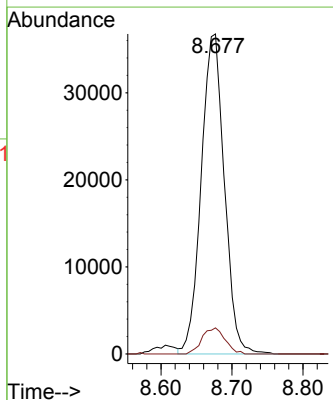
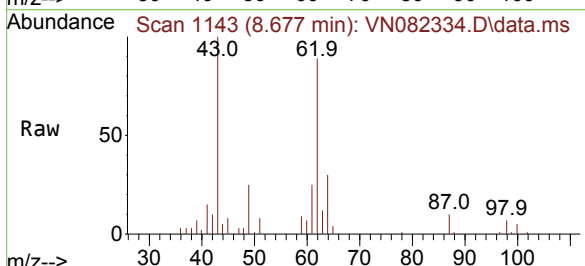


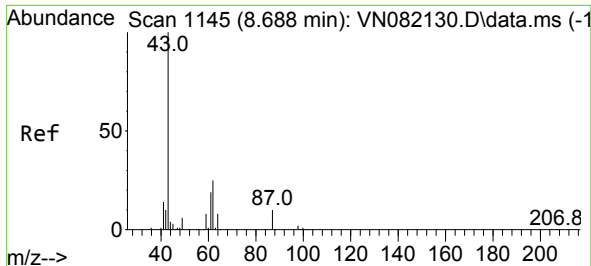
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 45798  |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 57.9  | 46.6  | 69.8   |
| 67        | 66.3  | 67.3  | 100.9# |
| 52        | 30.3  | 27.3  | 40.9   |



#42  
1,2-Dichloroethane  
Concen: 18.708 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

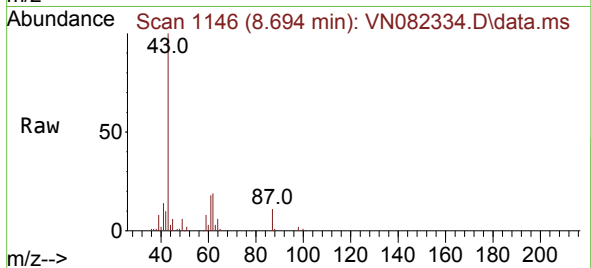
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 83267 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 8.1   | 0.0   | 19.6  |



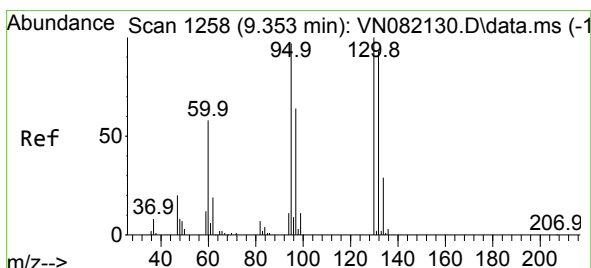
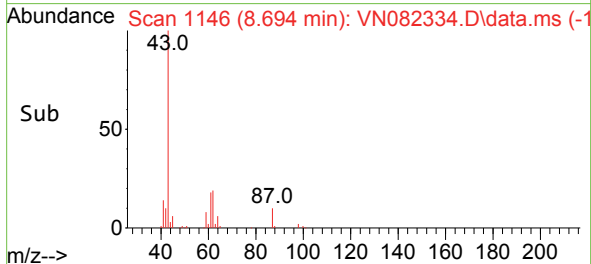
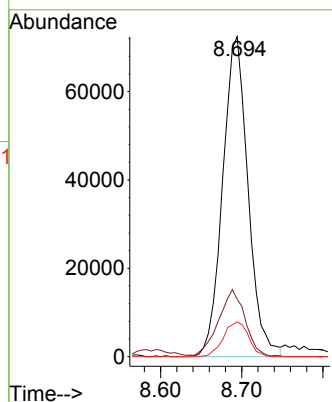


#43  
Isopropyl Acetate  
Concen: 20.460 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Instrument :  
MSVOA\_N  
ClientSampleId :

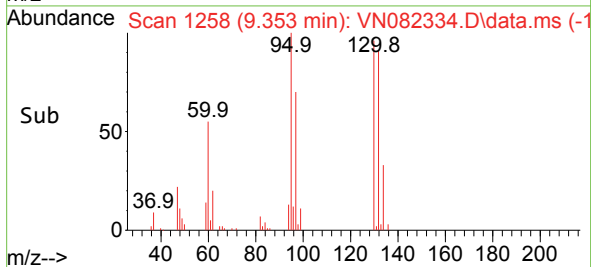
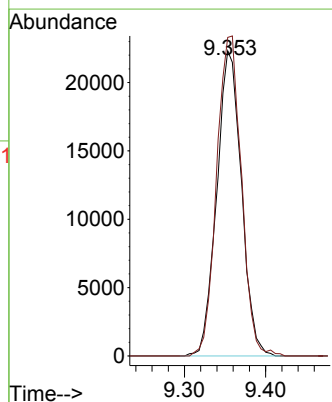
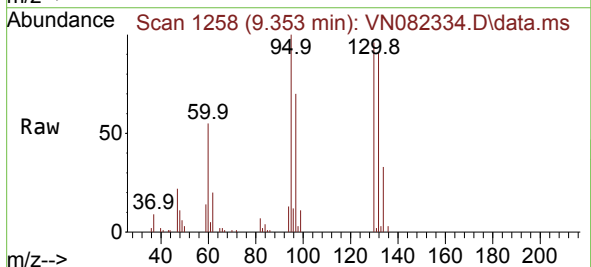


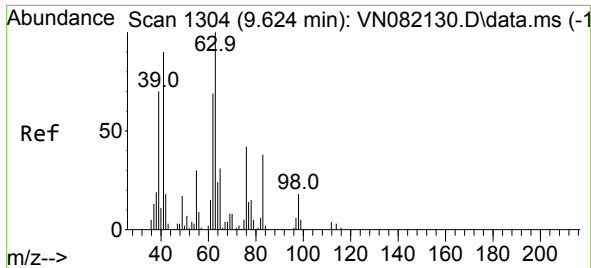
Tgt Ion: 43 Resp: 157454  
Ion Ratio Lower Upper  
43 100  
61 22.3 22.8 34.2#  
87 10.7 12.0 18.0#



#44  
Trichloroethene  
Concen: 17.918 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion:130 Resp: 47103  
Ion Ratio Lower Upper  
130 100  
95 104.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 17.911 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

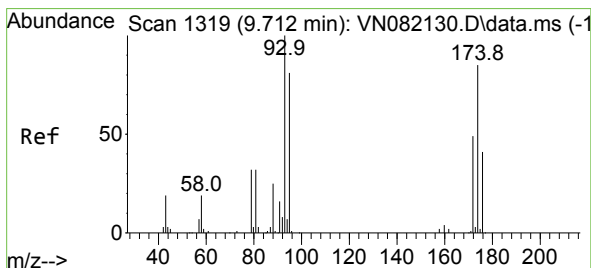
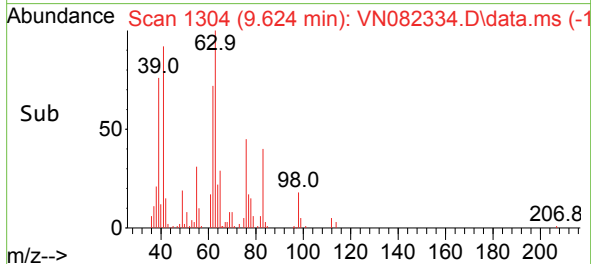
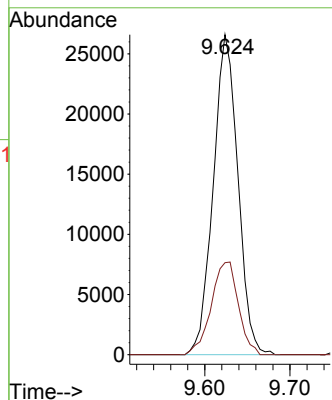
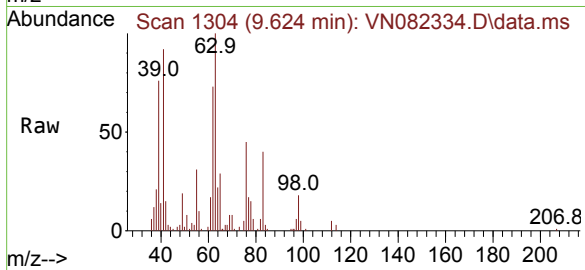
ClientSampleId :

Tgt Ion: 63 Resp: 53481

Ion Ratio Lower Upper

63 100

65 28.7 24.1 36.1



#46

Dibromomethane

Concen: 19.373 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

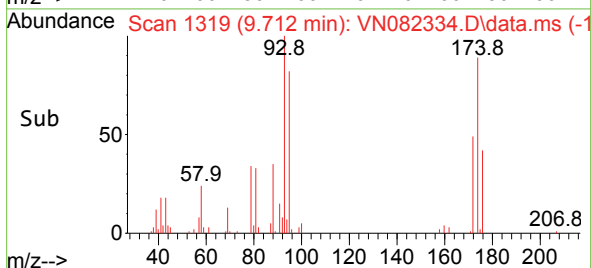
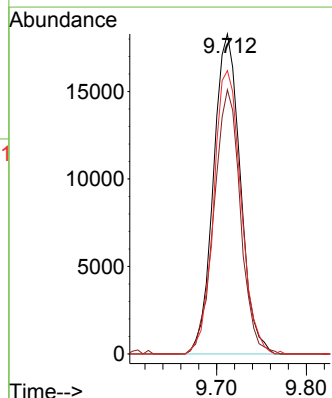
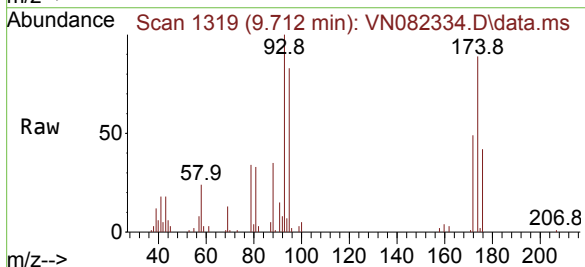
Tgt Ion: 93 Resp: 37977

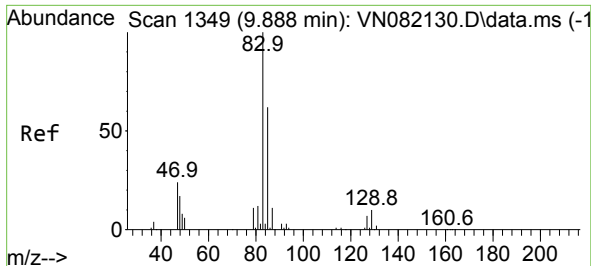
Ion Ratio Lower Upper

93 100

95 81.4 64.8 97.2

174 90.0 73.4 110.0





#47

Bromodichloromethane

Concen: 19.325 ug/l

RT: 9.894 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082334.D

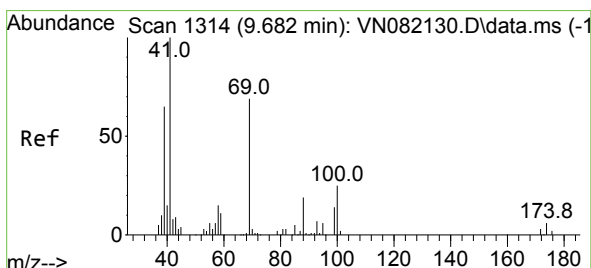
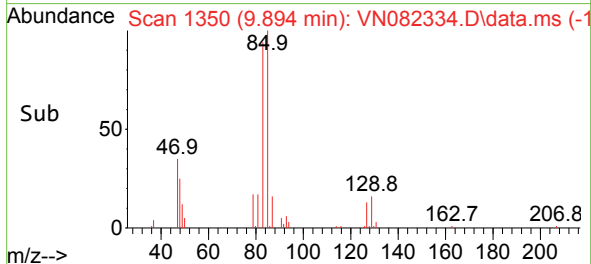
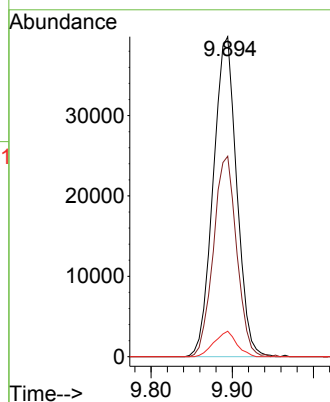
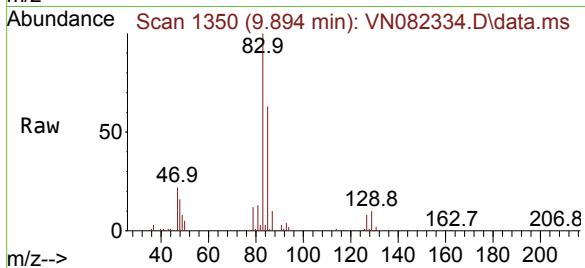
Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 79976 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.6  | 51.9  | 77.9  |
| 127      | 7.9   | 7.5   | 11.3  |



#48

Methyl methacrylate

Concen: 19.038 ug/l

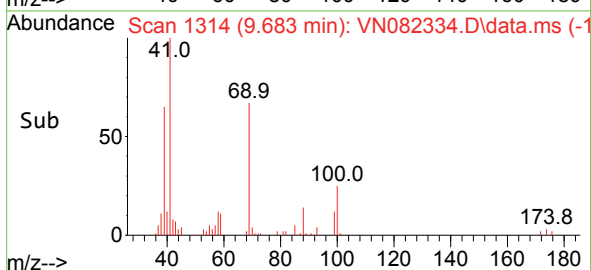
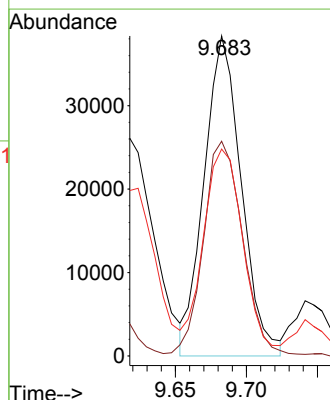
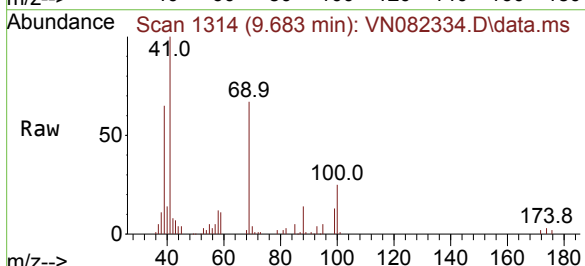
RT: 9.683 min Scan# 1314

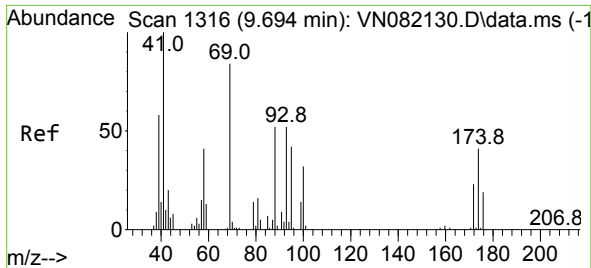
Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 69813  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 71.2  | 77.9  | 116.9# |
| 39       | 68.9  | 50.9  | 76.3   |





#49

1,4-Dioxane

Concen: 419.125 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

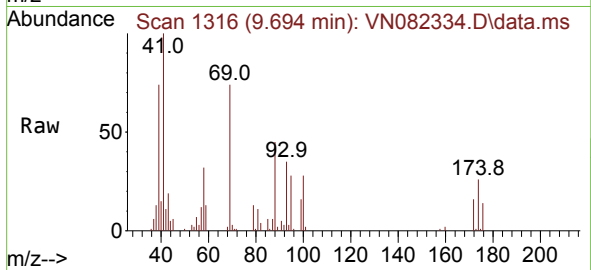
Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

ClientSampleId :



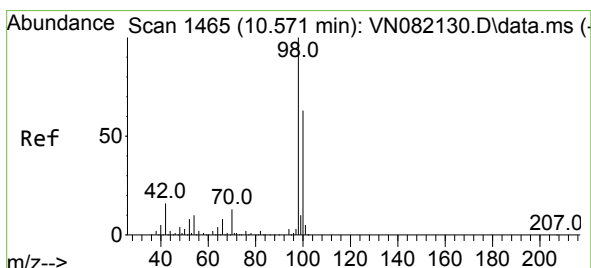
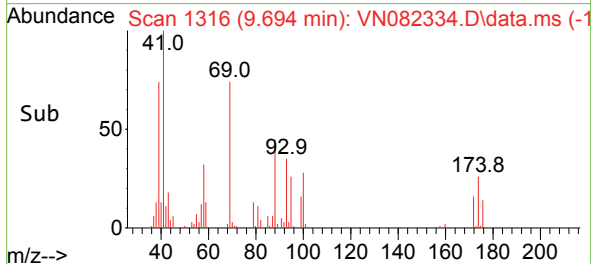
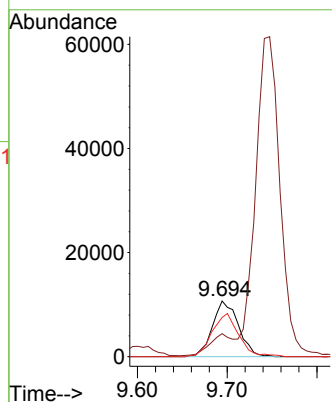
Tgt Ion: 88 Resp: 21537

Ion Ratio Lower Upper

88 100

43 34.3 19.0 28.6#

58 79.3 50.6 76.0#



#50

Toluene-d8

Concen: 44.917 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082334.D

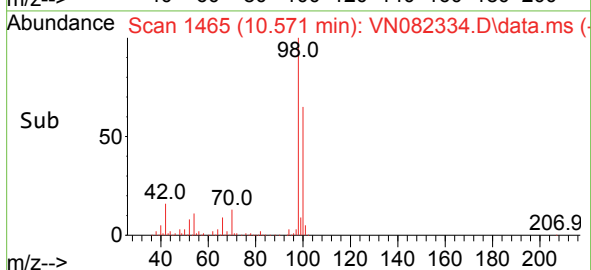
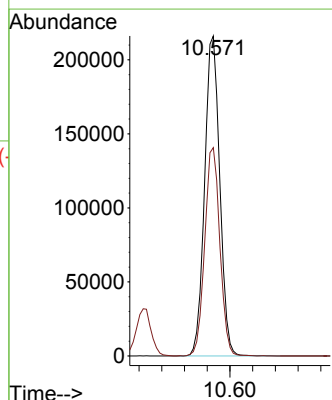
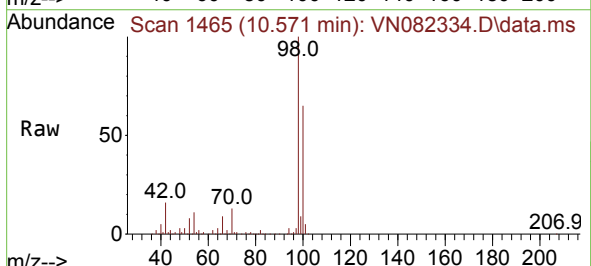
Acq: 23 May 2024 20:21

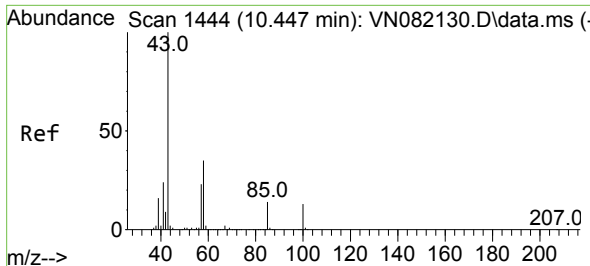
Tgt Ion: 98 Resp: 398482

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6

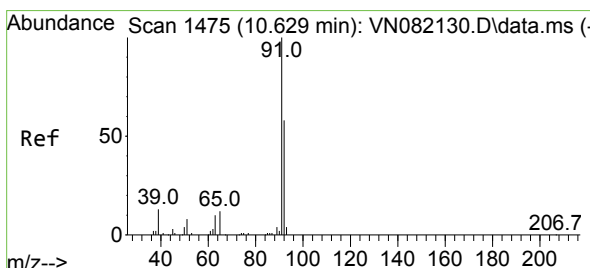
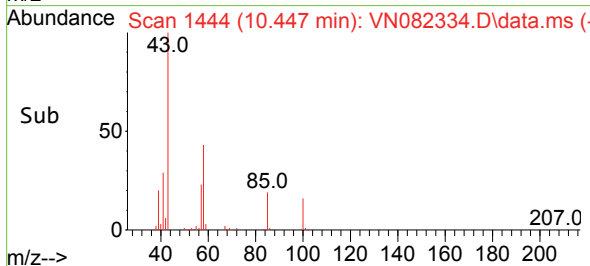
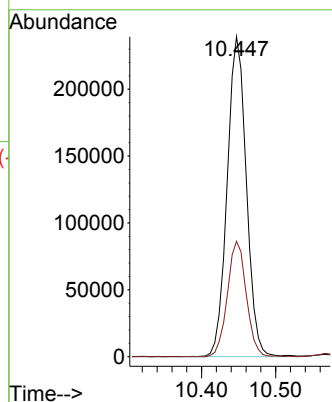
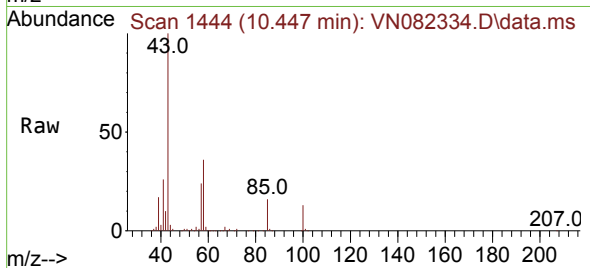




#51  
4-Methyl-2-Pentanone  
Concen: 98.157 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

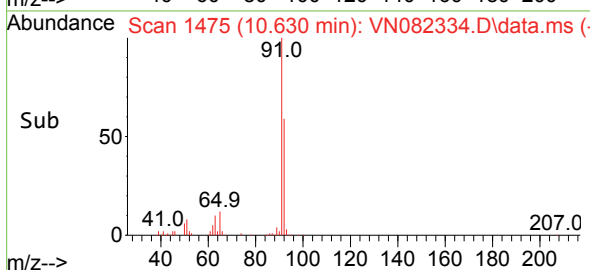
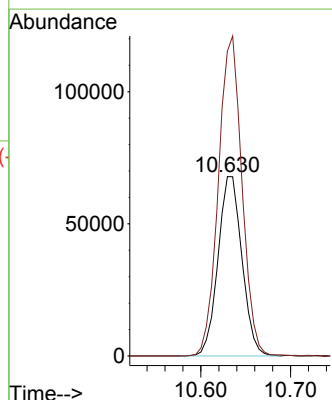
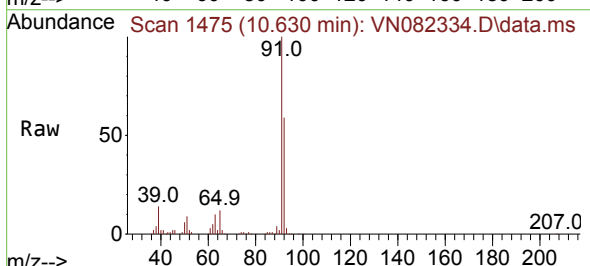
Instrument :  
MSVOA\_N  
ClientSampleId :

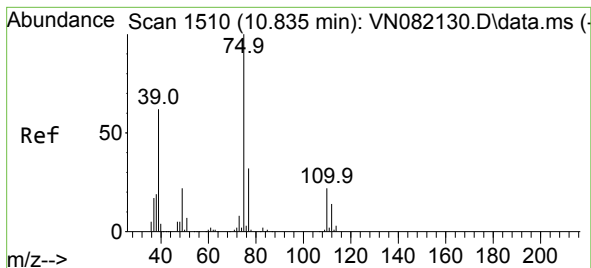
Tgt Ion: 43 Resp: 429193  
Ion Ratio Lower Upper  
43 100  
58 35.7 33.2 49.8



#52  
Toluene  
Concen: 18.115 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 92 Resp: 125810  
Ion Ratio Lower Upper  
92 100  
91 175.6 136.7 205.1

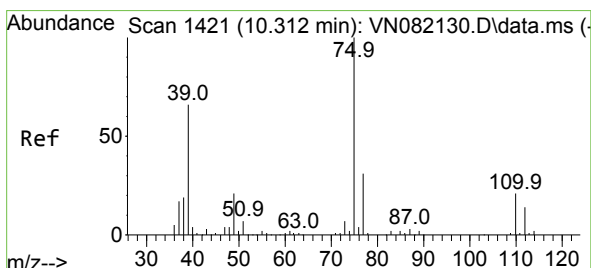
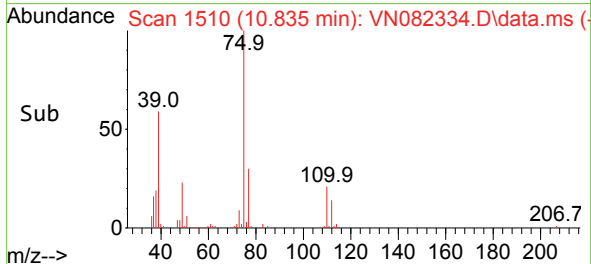
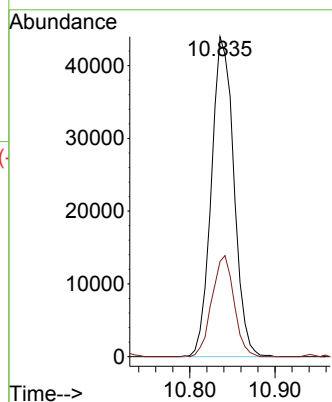
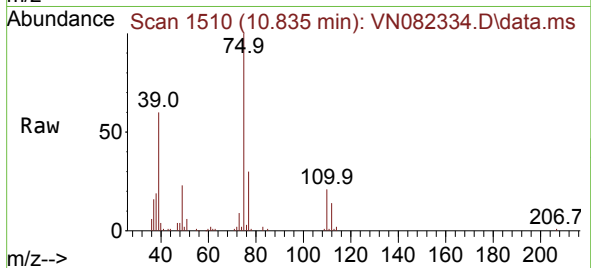




#53  
 t-1,3-Dichloropropene  
 Concen: 18.848 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN082334.D  
 Acq: 23 May 2024 20:21

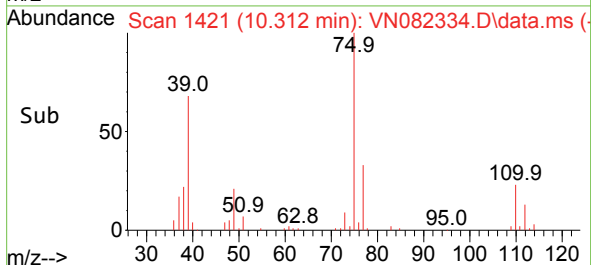
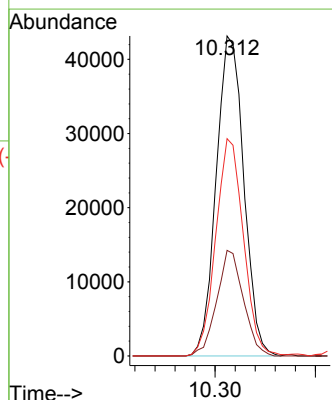
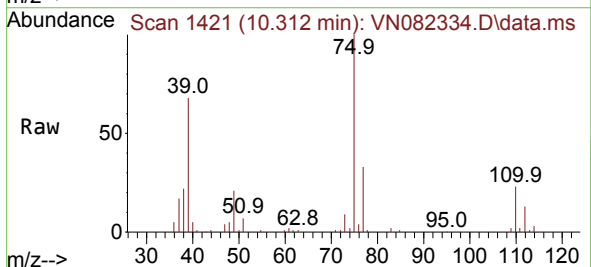
Instrument :  
 MSVOA\_N  
 ClientSampleId :

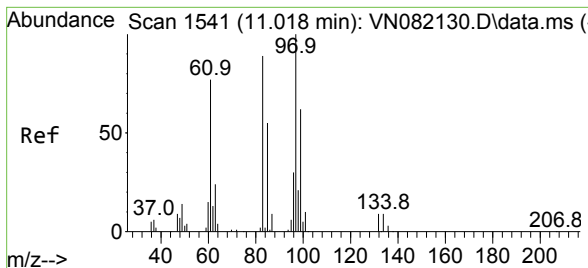
Tgt Ion: 75 Resp: 80672  
 Ion Ratio Lower Upper  
 75 100  
 77 29.8 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.178 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN082334.D  
 Acq: 23 May 2024 20:21

Tgt Ion: 75 Resp: 82356  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 25.0 37.4  
 39 67.9 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 19.558 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

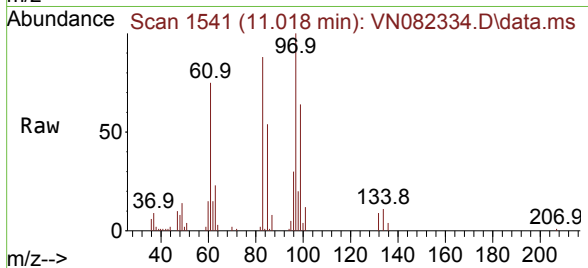
Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 49361

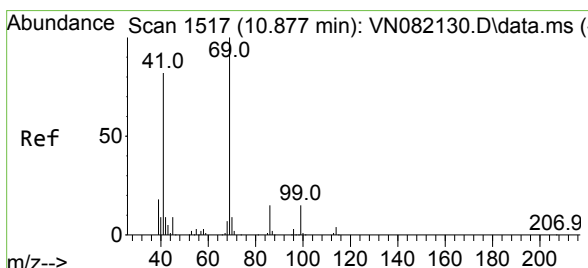
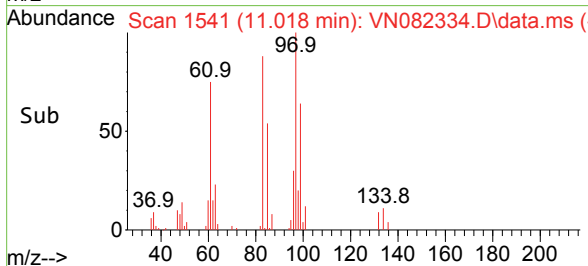
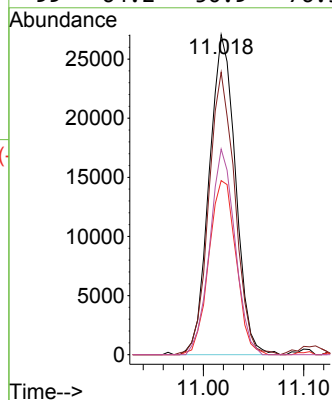
Ion Ratio Lower Upper

97 100

83 88.3 70.4 105.6

85 54.4 45.6 68.4

99 64.2 50.9 76.3



#56

Ethyl methacrylate

Concen: 20.416 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

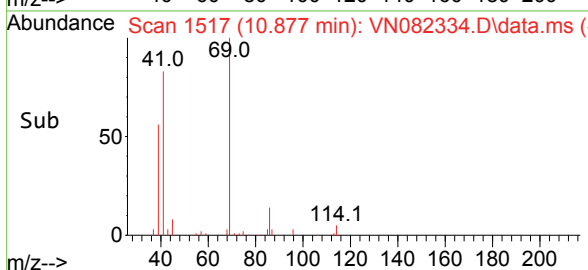
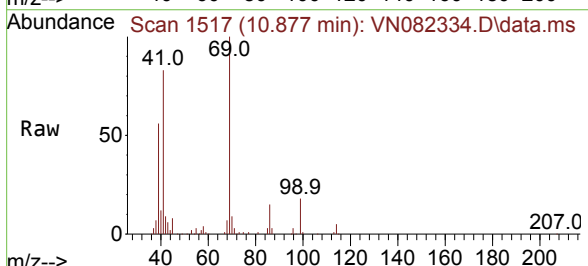
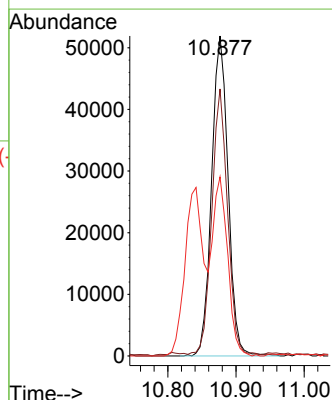
Tgt Ion: 69 Resp: 87481

Ion Ratio Lower Upper

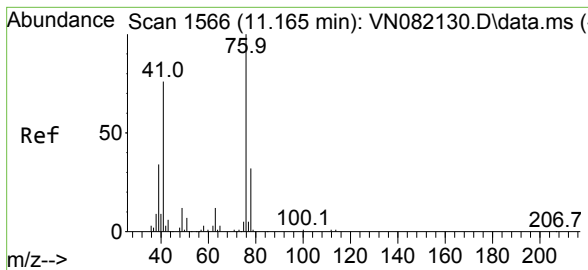
69 100

41 79.2 46.6 70.0#

39 50.5 26.5 39.7#



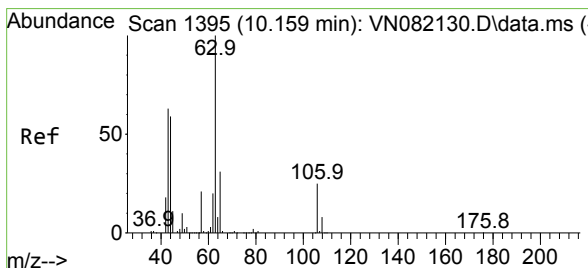
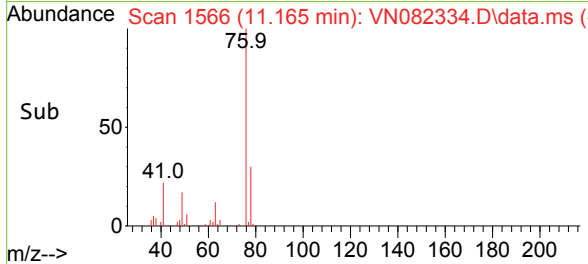
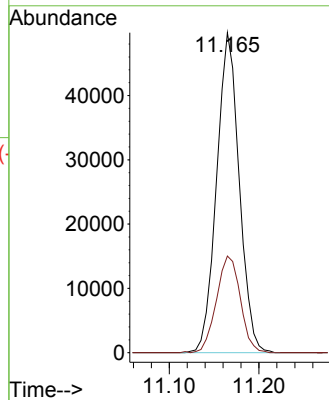
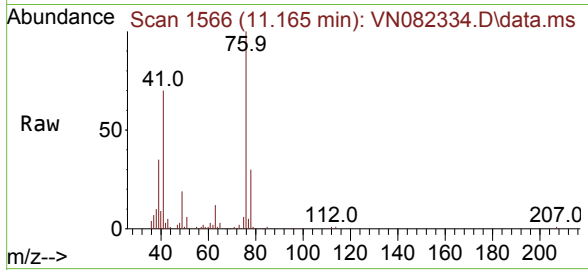




#57  
 1,3-Dichloropropane  
 Concen: 18.421 ug/l  
 RT: 11.165 min Scan# 1116  
 Delta R.T. 0.000 min  
 Lab File: VN082334.D  
 Acq: 23 May 2024 20:21

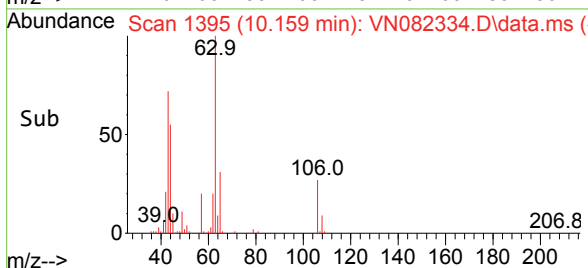
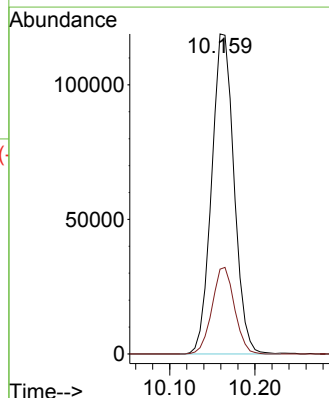
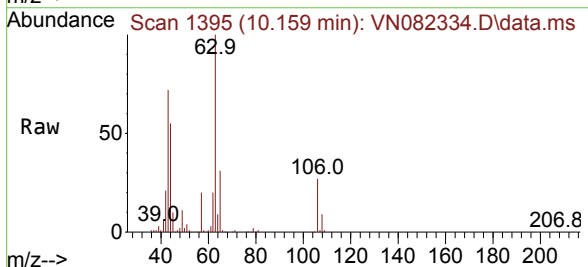
Instrument :  
 MSVOA\_N  
 ClientSampleId :

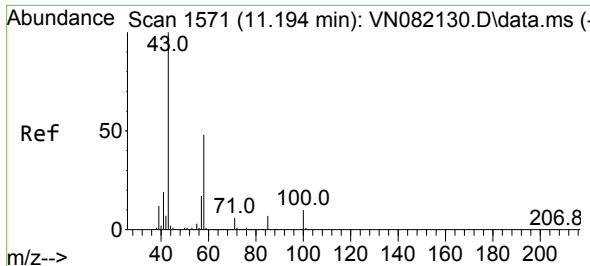
Tgt Ion: 76 Resp: 86926  
 Ion Ratio Lower Upper  
 76 100  
 78 31.9 25.8 38.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 98.406 ug/l  
 RT: 10.159 min Scan# 1395  
 Delta R.T. 0.000 min  
 Lab File: VN082334.D  
 Acq: 23 May 2024 20:21

Tgt Ion: 63 Resp: 217494  
 Ion Ratio Lower Upper  
 63 100  
 106 27.0 24.6 36.8

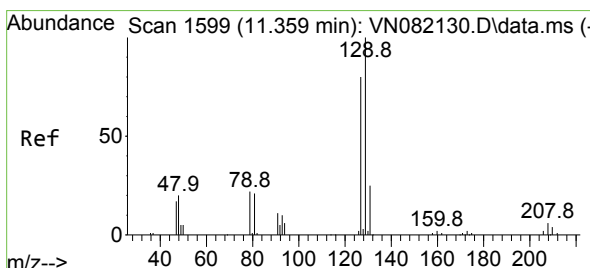
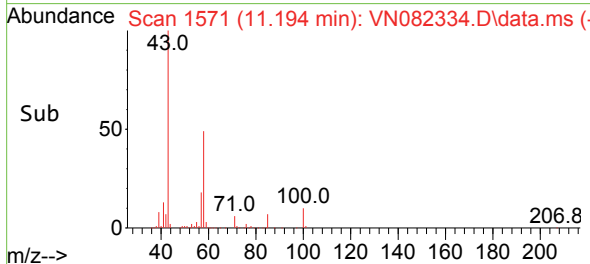
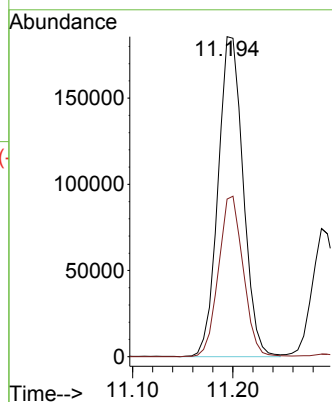
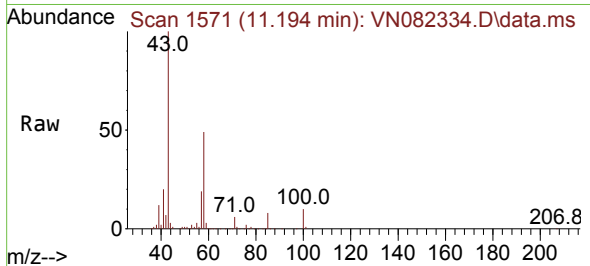




#59  
2-Hexanone  
Concen: 100.764 ug/l  
RT: 11.194 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

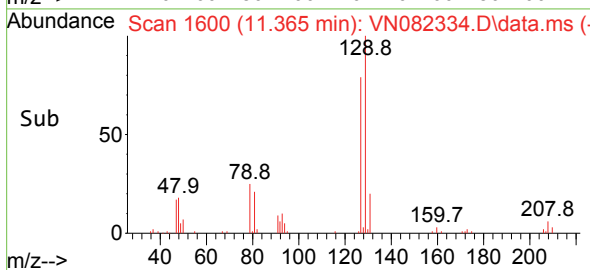
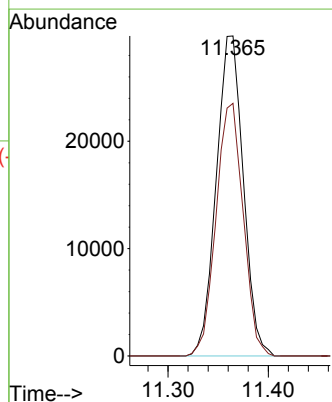
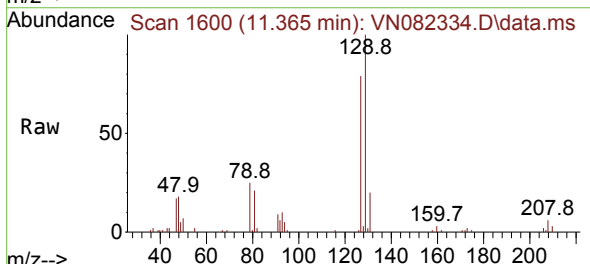
Instrument :  
MSVOA\_N  
ClientSampleId :

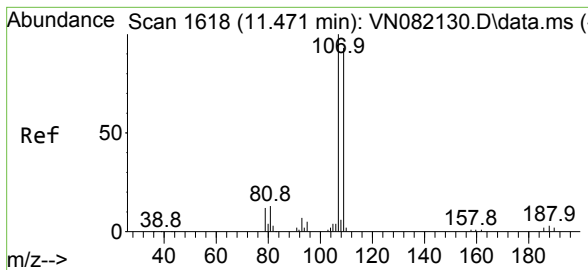
Tgt Ion: 43 Resp: 322605  
Ion Ratio Lower Upper  
43 100  
58 49.3 28.3 84.9



#60  
Dibromochloromethane  
Concen: 20.071 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion:129 Resp: 55901  
Ion Ratio Lower Upper  
129 100  
127 79.3 38.3 114.8

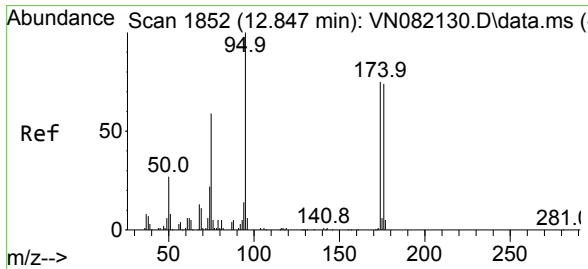
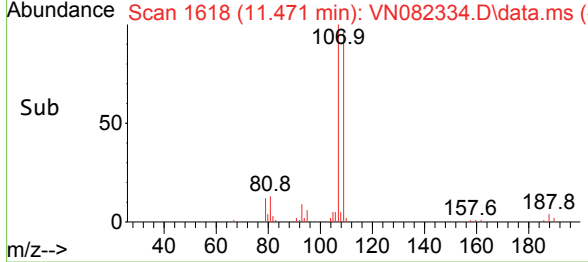
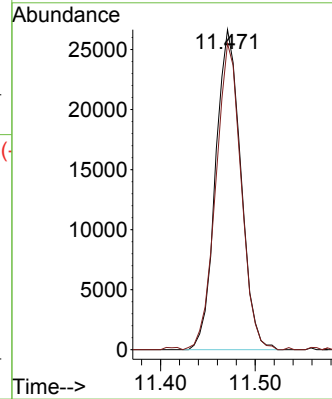
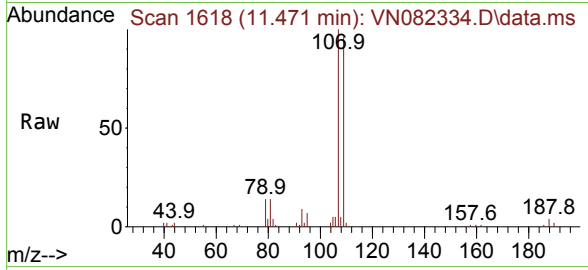




#61  
1,2-Dibromoethane  
Concen: 19.043 ug/l  
RT: 11.471 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

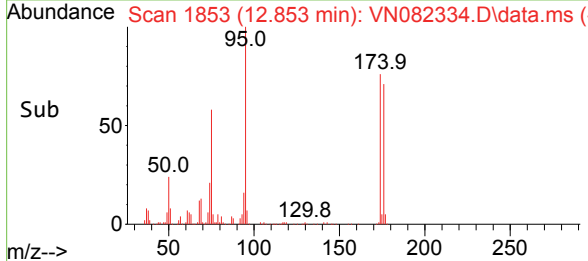
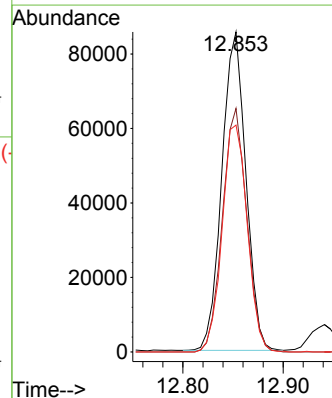
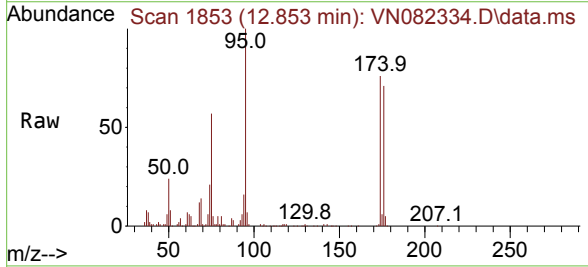
Instrument :  
MSVOA\_N  
ClientSampleId :

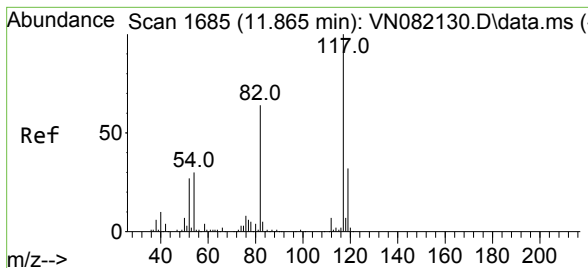
Tgt Ion:107 Resp: 49366  
Ion Ratio Lower Upper  
107 100  
109 96.1 75.8 113.6



#62  
4-Bromofluorobenzene  
Concen: 44.879 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 95 Resp: 142109  
Ion Ratio Lower Upper  
95 100  
174 77.4 0.0 160.6  
176 74.6 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

ClientSampleId :

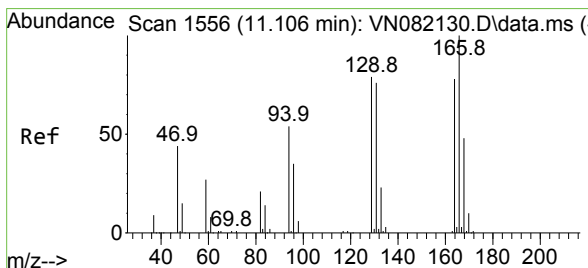
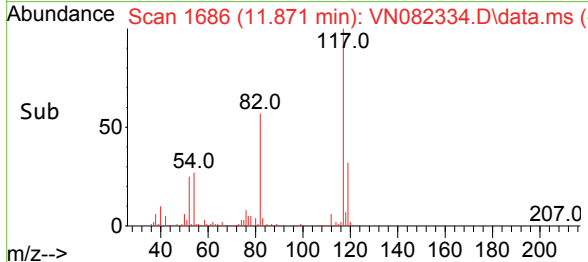
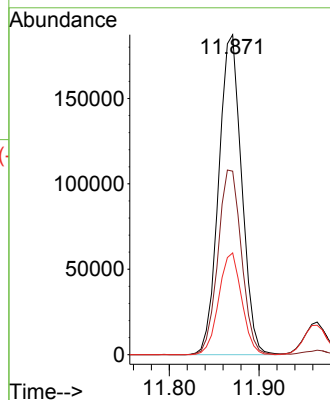
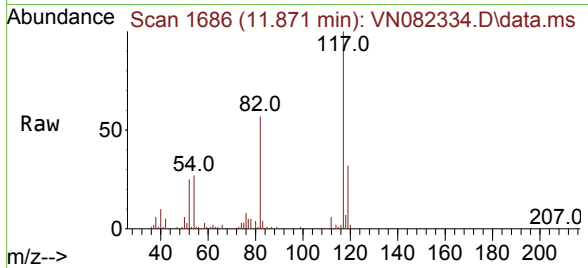
Tgt Ion:117 Resp: 332416

Ion Ratio Lower Upper

117 100

82 57.4 44.6 66.8

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 18.097 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Tgt Ion:164 Resp: 44588

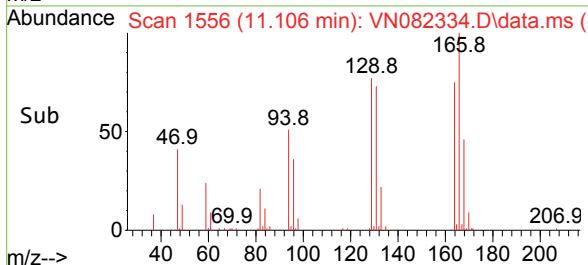
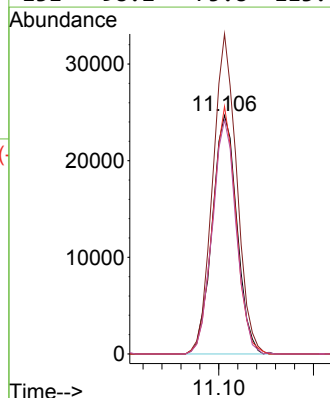
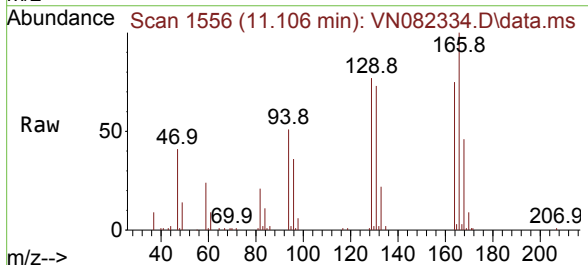
Ion Ratio Lower Upper

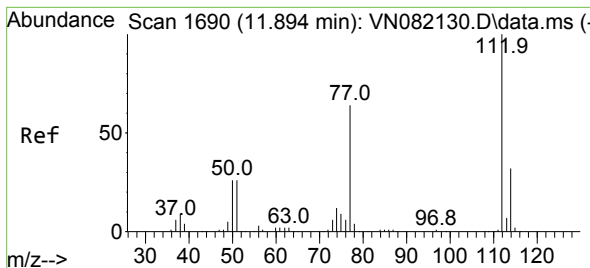
164 100

166 134.2 97.6 146.4

129 103.8 73.7 110.5

131 98.2 75.8 113.6





#65

Chlorobenzene

Concen: 18.551 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

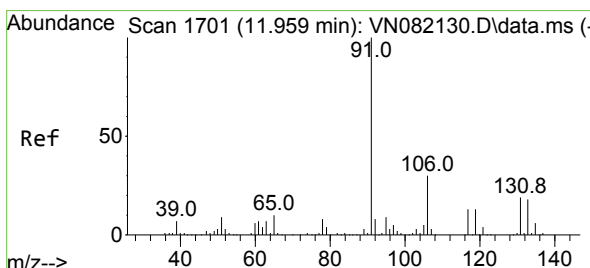
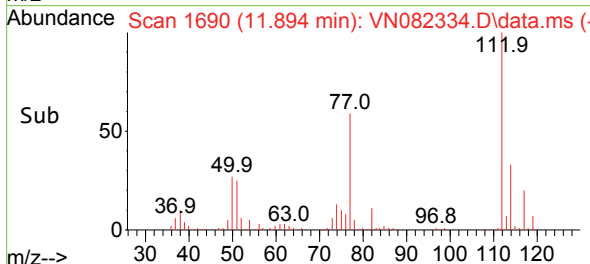
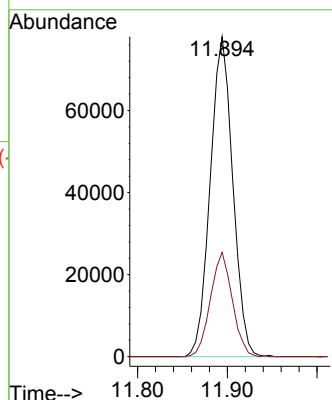
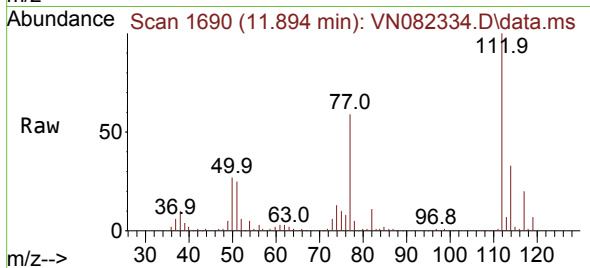
ClientSampleId :

Tgt Ion:112 Resp: 136229

Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 19.816 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

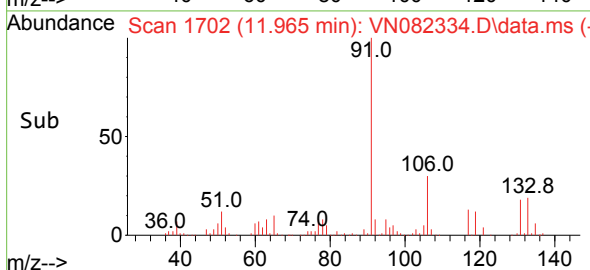
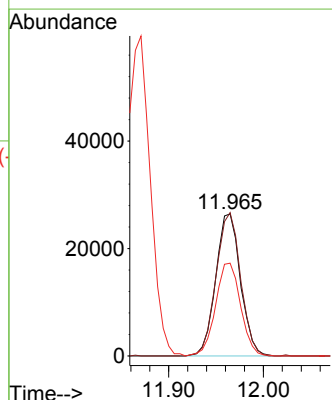
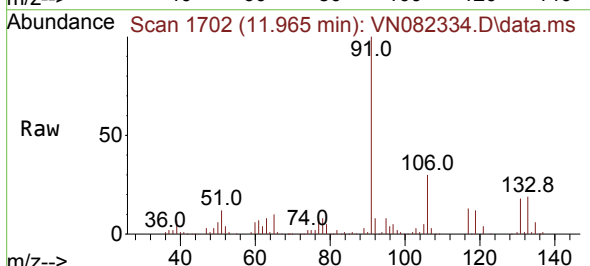
Tgt Ion:131 Resp: 47934

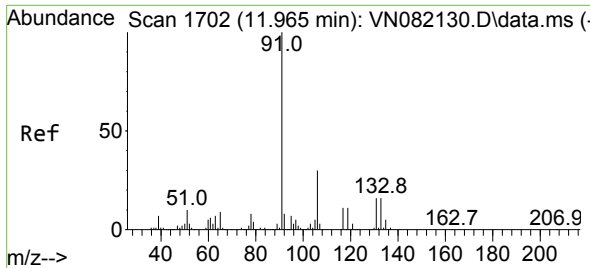
Ion Ratio Lower Upper

131 100

133 100.4 47.5 142.6

119 66.2 32.9 98.7

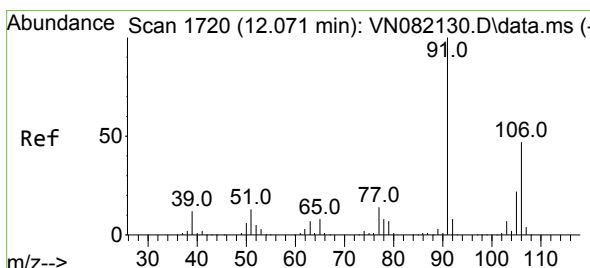
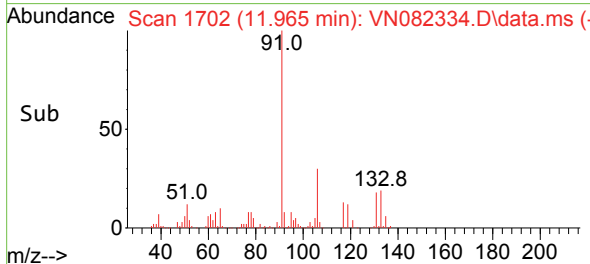
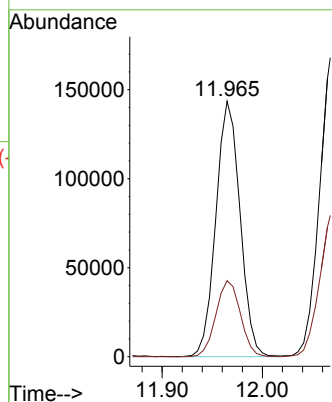
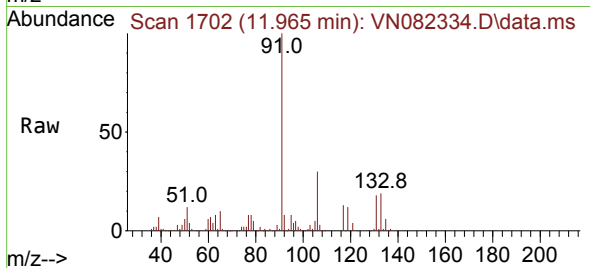




#67  
Ethyl Benzene  
Concen: 18.269 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

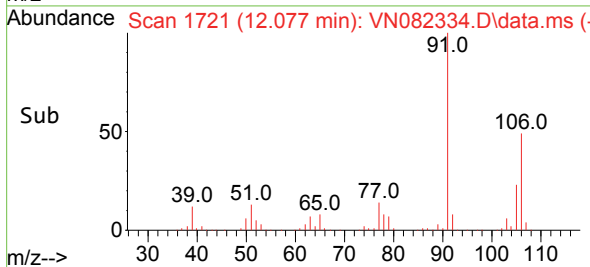
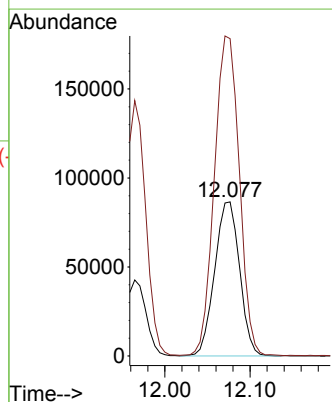
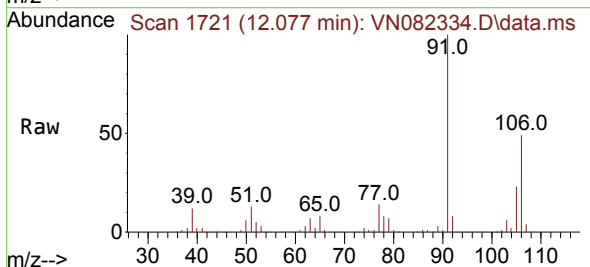
Instrument :  
MSVOA\_N  
ClientSampleId :

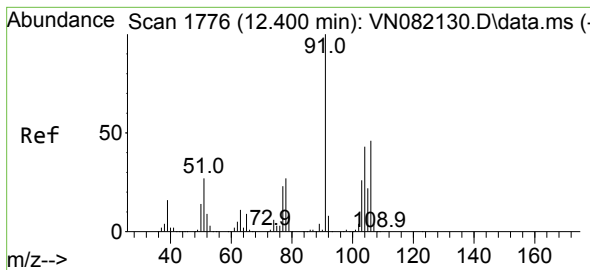
Tgt Ion: 91 Resp: 239995  
Ion Ratio Lower Upper  
91 100  
106 29.8 25.3 37.9



#68  
m/p-Xylenes  
Concen: 36.551 ug/l  
RT: 12.077 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion:106 Resp: 175979  
Ion Ratio Lower Upper  
106 100  
91 207.9 159.4 239.0

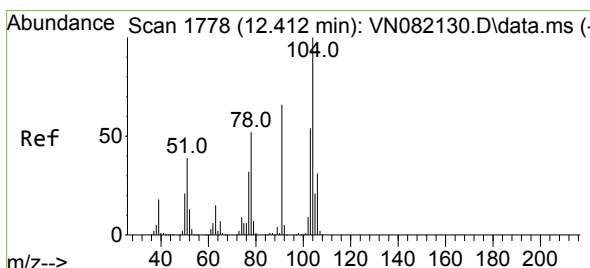
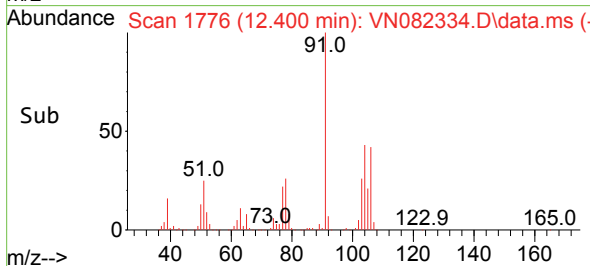
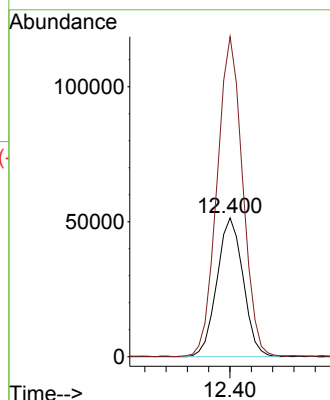
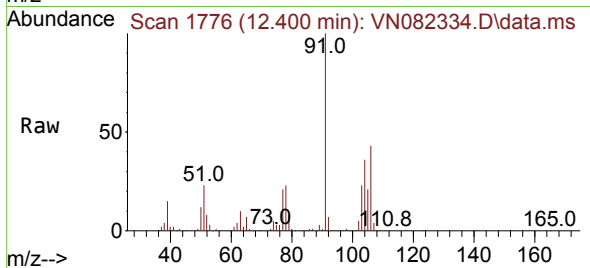




#69  
o-Xylene  
Concen: 18.804 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

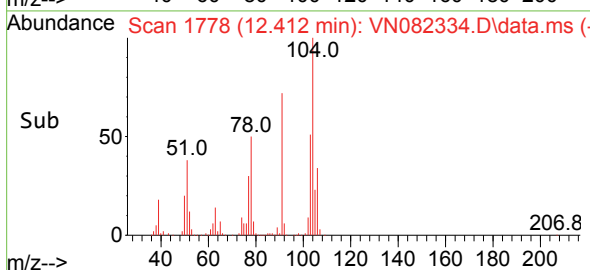
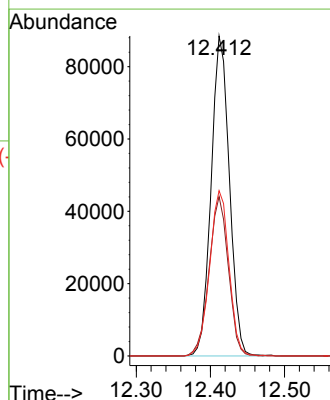
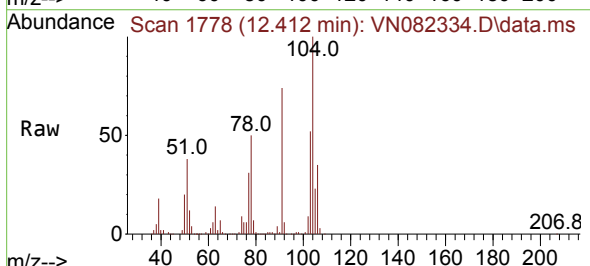
Instrument :  
MSVOA\_N  
ClientSampleId :

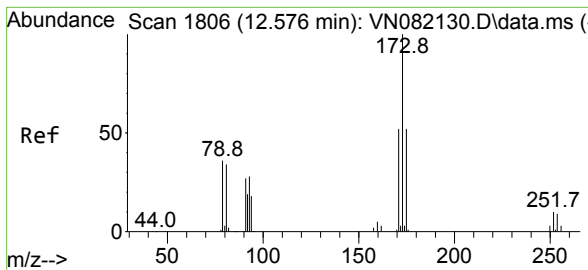
Tgt Ion:106 Resp: 87696  
Ion Ratio Lower Upper  
106 100  
91 225.8 104.7 314.1



#70  
Styrene  
Concen: 19.589 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion:104 Resp: 151751  
Ion Ratio Lower Upper  
104 100  
78 52.4 38.6 58.0  
103 54.7 43.8 65.6

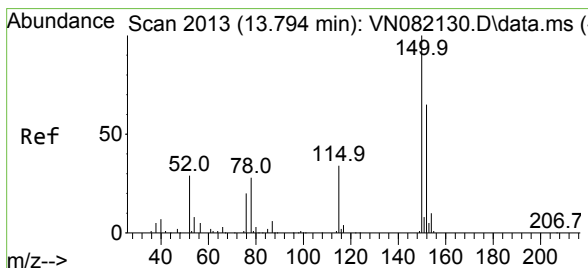
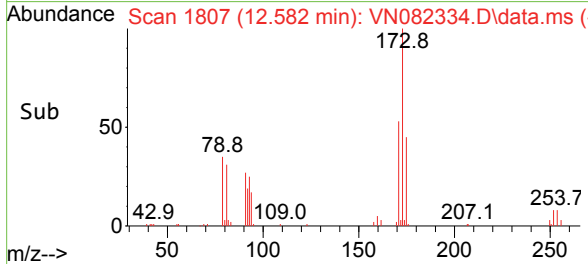
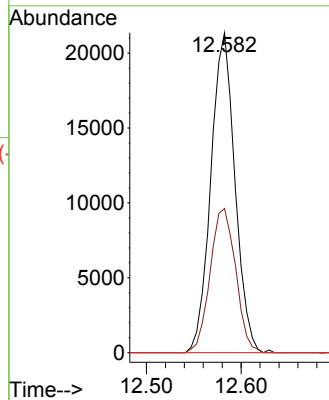
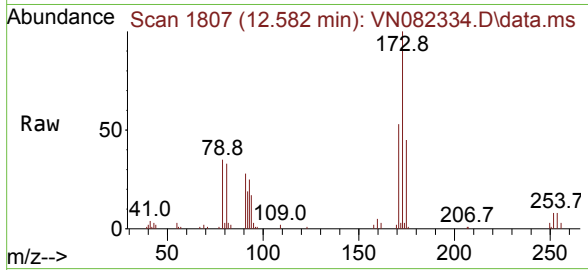




#71  
Bromoform  
Concen: 20.086 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

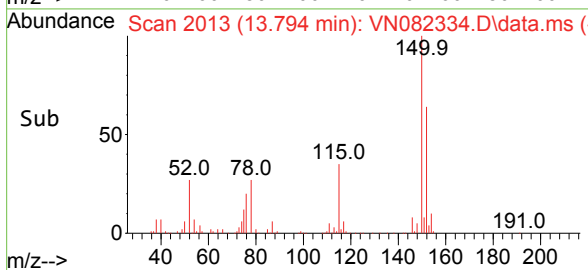
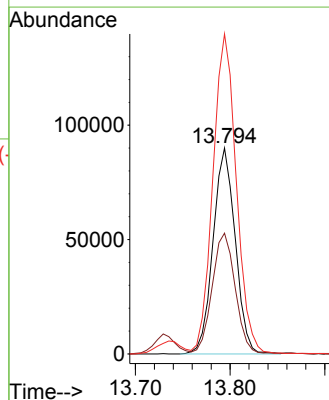
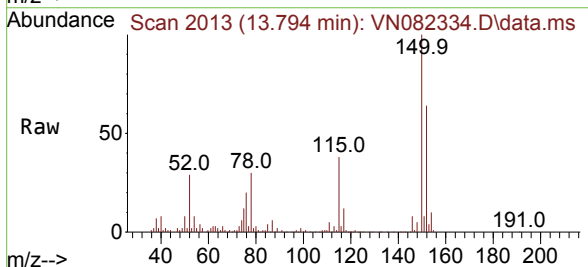
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 37825  
Ion Ratio Lower Upper  
173 100  
175 47.8 24.6 74.0  
254 0.0 0.0 0.0

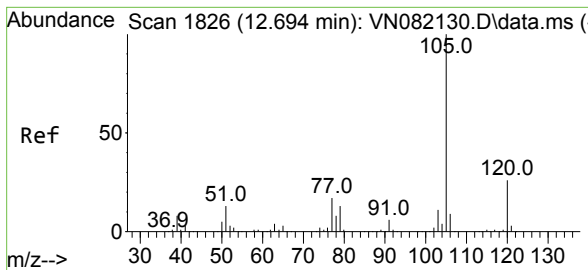


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion:152 Resp: 146636  
Ion Ratio Lower Upper  
152 100  
115 60.3 30.4 91.3  
150 163.5 0.0 353.2







#73

Isopropylbenzene

Concen: 18.886 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

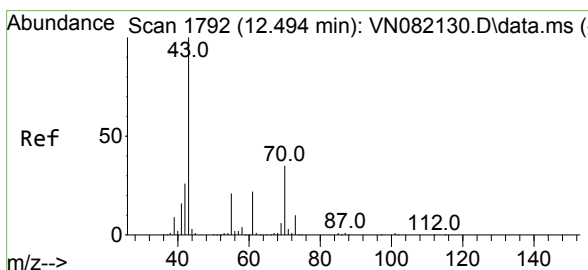
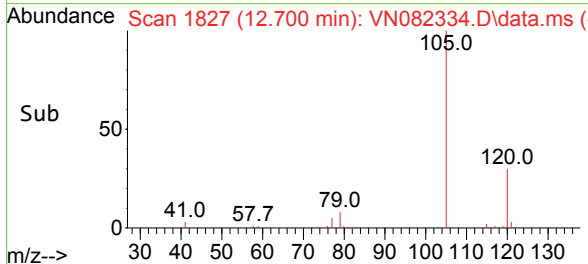
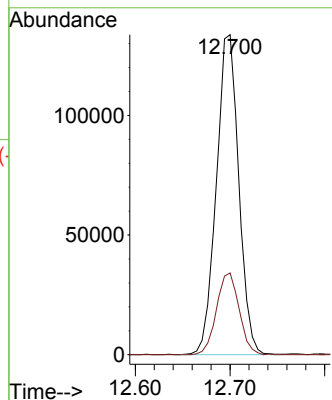
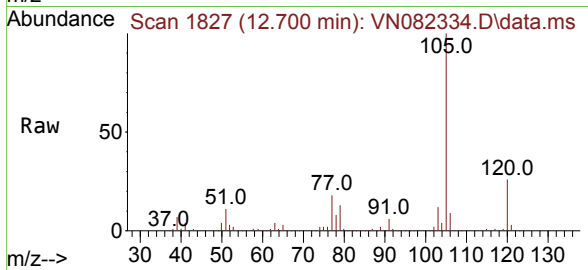
ClientSampleId :

Tgt Ion:105 Resp: 220012

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



#74

N-ethyl acetate

Concen: 19.848 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Tgt Ion: 43 Resp: 127183

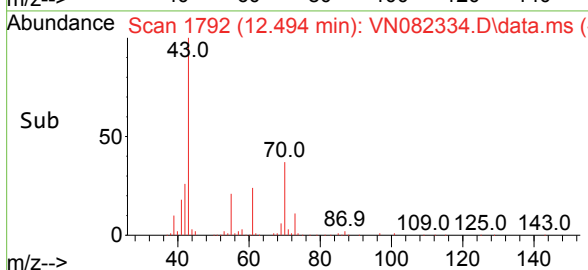
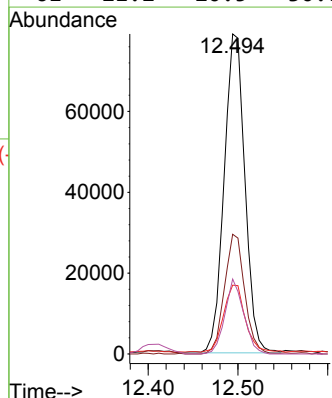
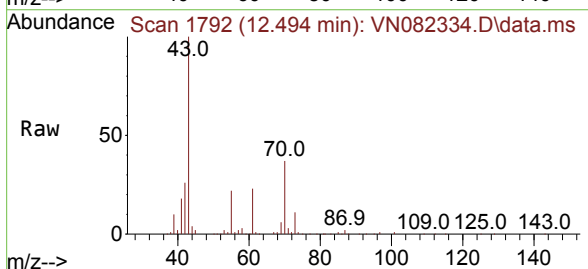
Ion Ratio Lower Upper

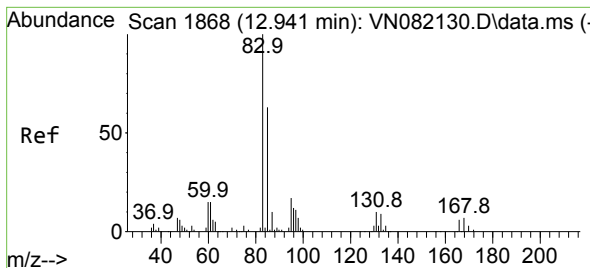
43 100

70 36.6 39.0 58.4#

55 22.0 21.3 31.9

61 21.2 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.416 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

ClientSampleId :

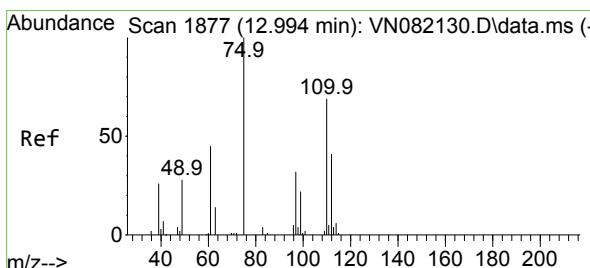
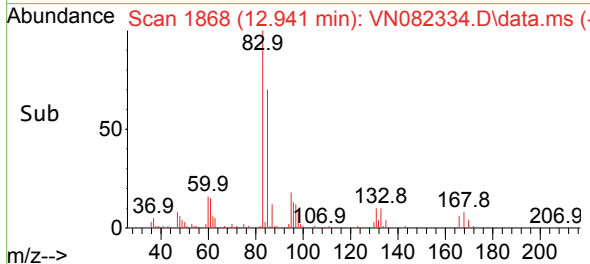
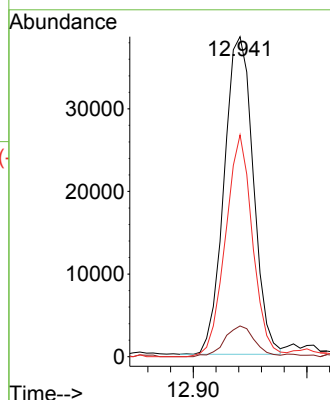
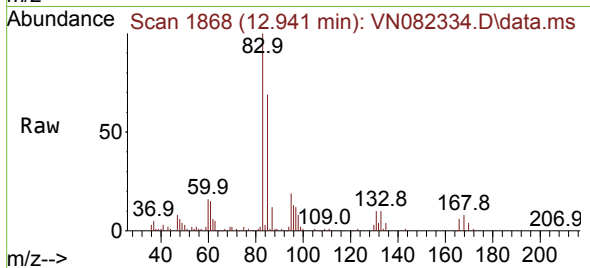
Tgt Ion: 83 Resp: 68558

Ion Ratio Lower Upper

83 100

131 10.0 5.5 16.4

85 65.1 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 30.547 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082334.D

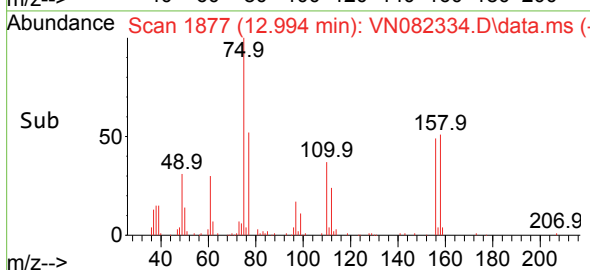
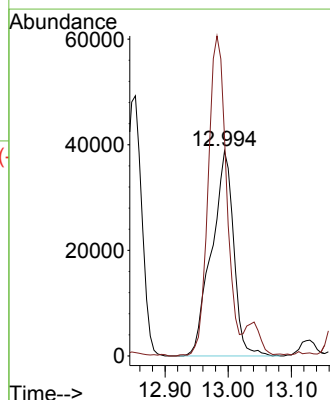
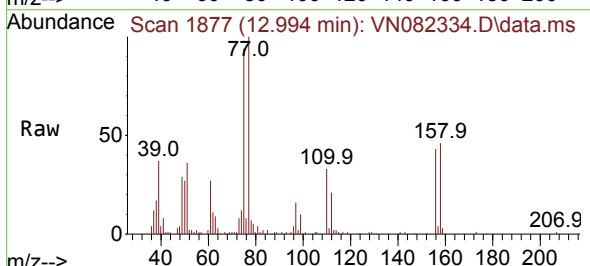
Acq: 23 May 2024 20:21

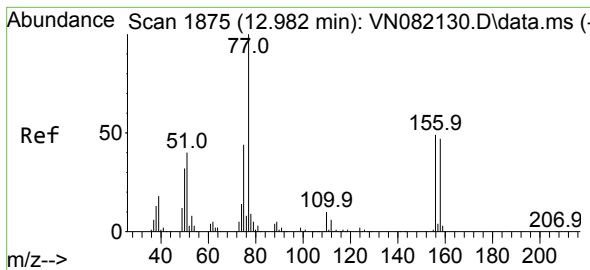
Tgt Ion: 75 Resp: 94280

Ion Ratio Lower Upper

75 100

77 130.6 90.5 271.3





#77

Bromobenzene

Concen: 19.611 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

ClientSampleId :

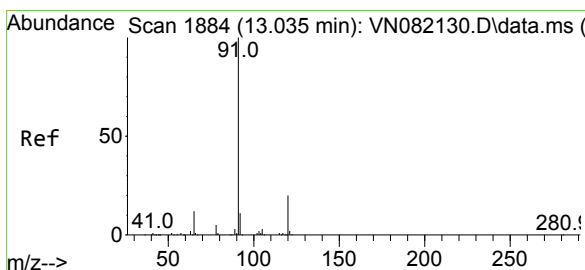
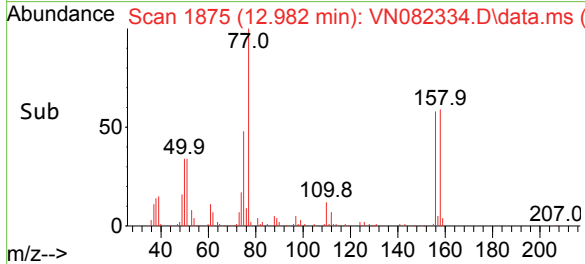
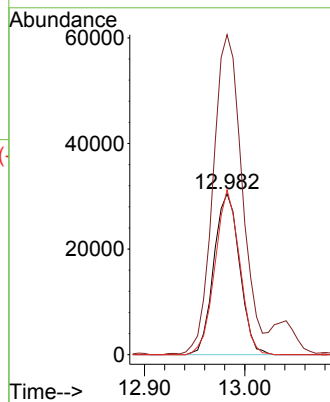
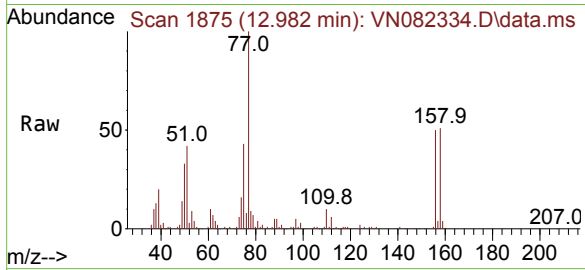
Tgt Ion:156 Resp: 54445

Ion Ratio Lower Upper

156 100

77 226.1 100.2 300.6

158 97.8 49.1 147.3



#78

n-propylbenzene

Concen: 18.183 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082334.D

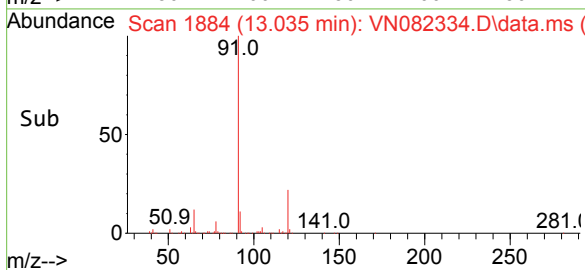
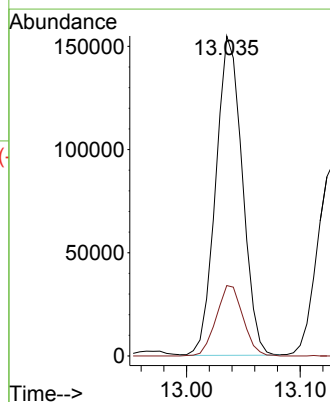
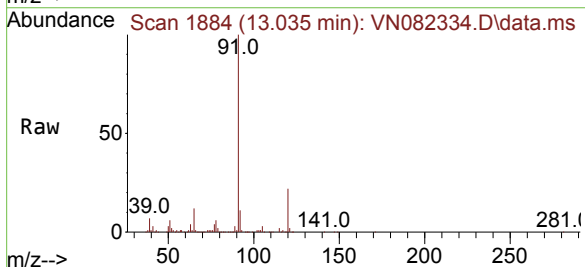
Acq: 23 May 2024 20:21

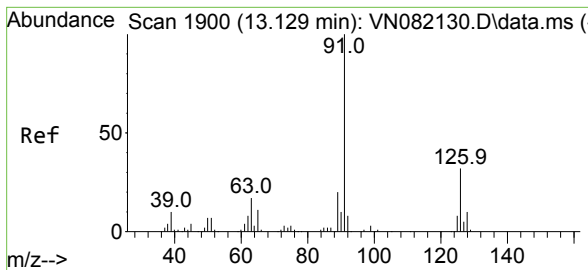
Tgt Ion: 91 Resp: 250832

Ion Ratio Lower Upper

91 100

120 22.3 11.7 35.0

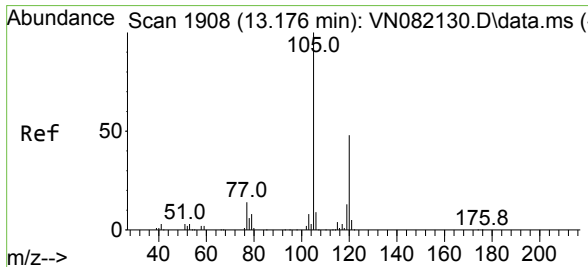
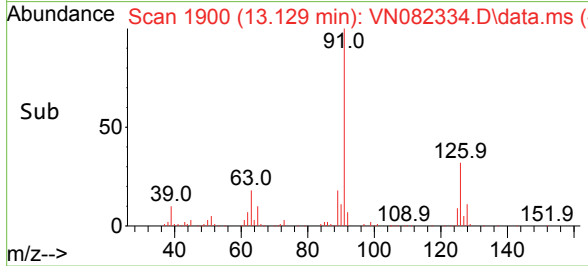
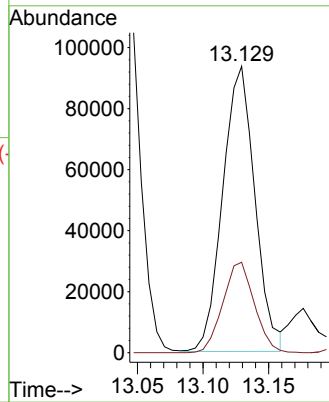
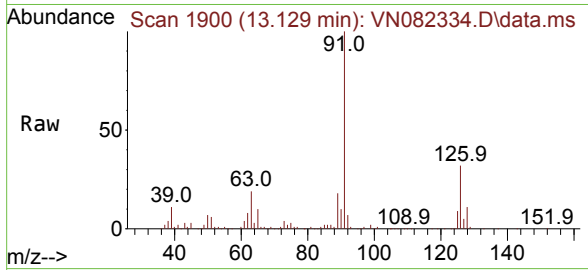




#79  
2-Chlorotoluene  
Concen: 18.450 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

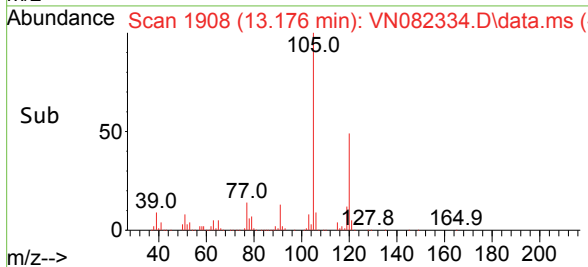
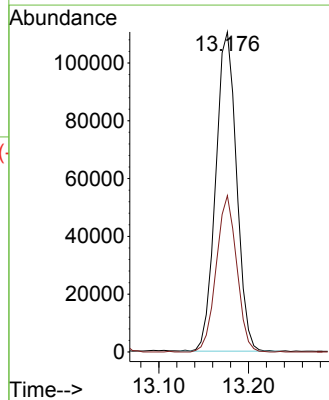
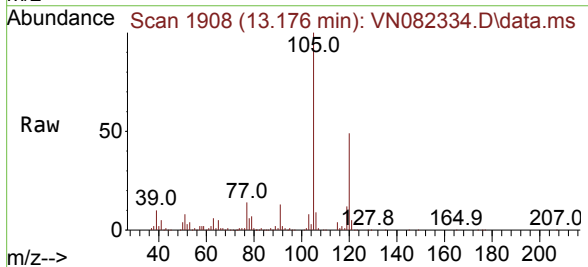
Instrument :  
MSVOA\_N  
ClientSampleId :

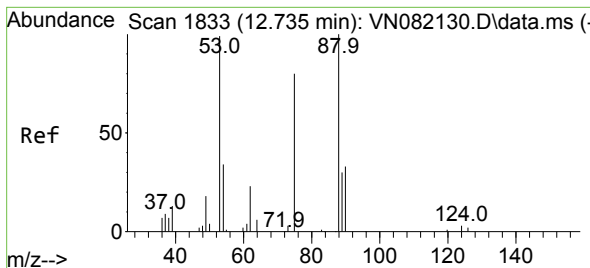
Tgt Ion: 91 Resp: 159822  
Ion Ratio Lower Upper  
91 100  
126 31.0 17.5 52.5



#80  
1,3,5-Trimethylbenzene  
Concen: 18.877 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 105 Resp: 177812  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.8 74.3

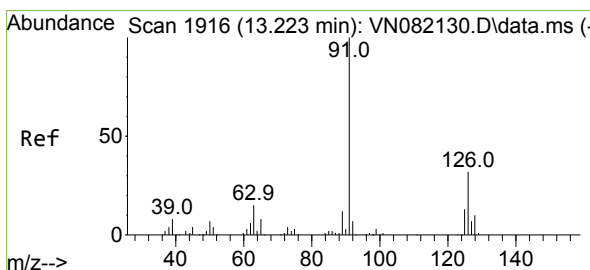
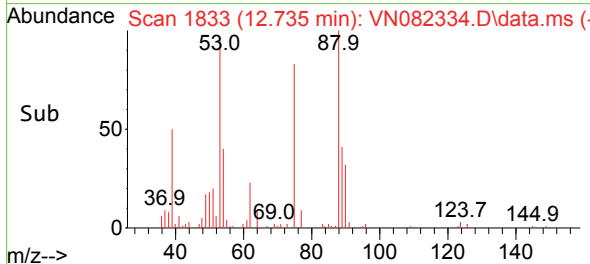
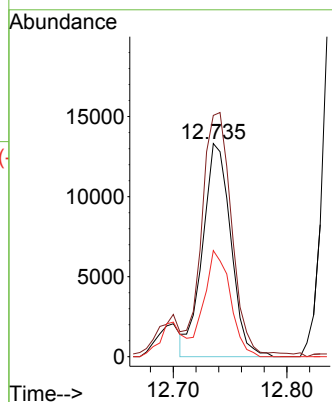
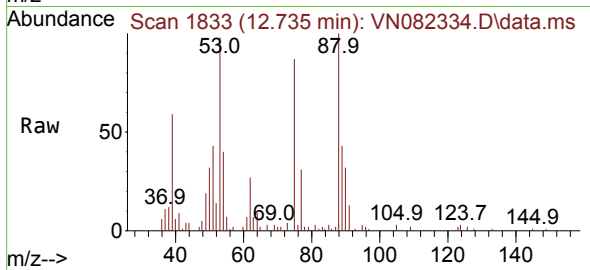




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.383 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

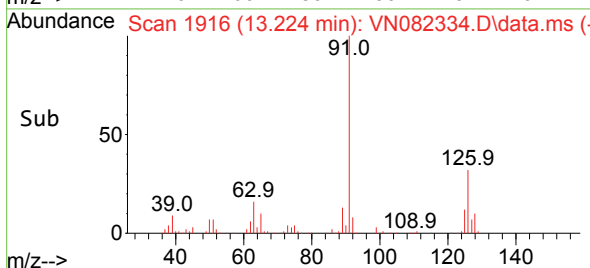
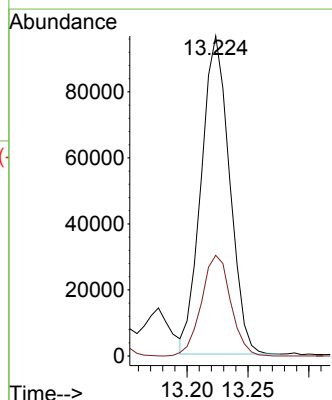
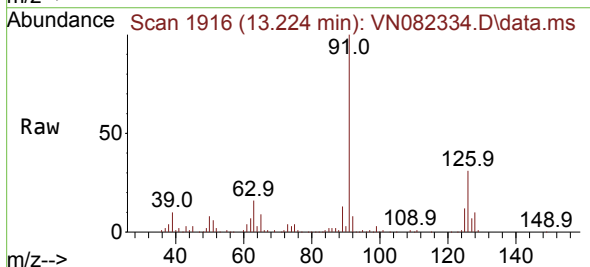
Instrument :  
MSVOA\_N  
ClientSampleId :

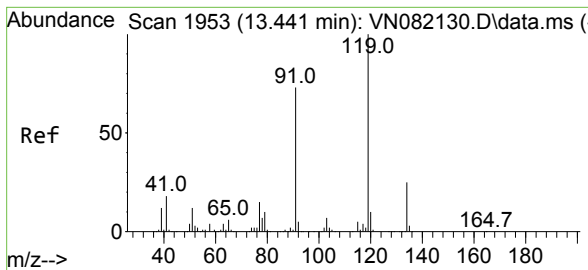
Tgt Ion: 75 Resp: 22937  
Ion Ratio Lower Upper  
75 100  
53 123.2 72.9 109.3#  
89 46.9 39.1 58.7



#82  
4-Chlorotoluene  
Concen: 18.479 ug/l  
RT: 13.224 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion: 91 Resp: 156502  
Ion Ratio Lower Upper  
91 100  
126 32.7 17.4 52.3

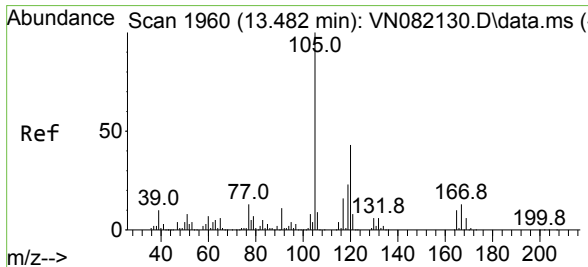
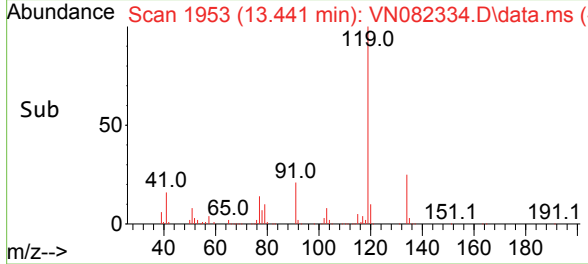
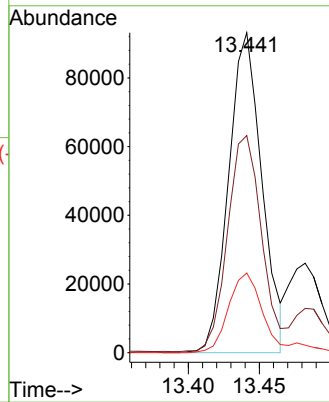
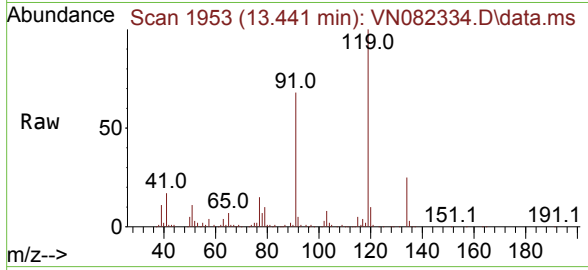




#83  
 tert-Butylbenzene  
 Concen: 18.458 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. 0.000 min  
 Lab File: VN082334.D  
 Acq: 23 May 2024 20:21

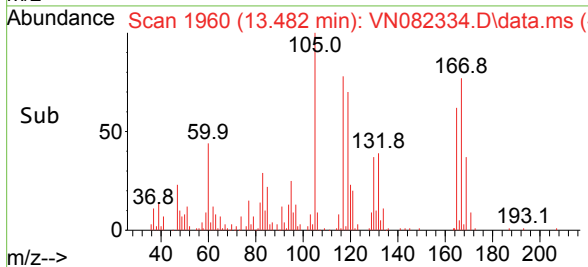
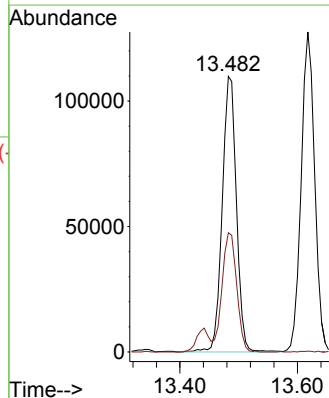
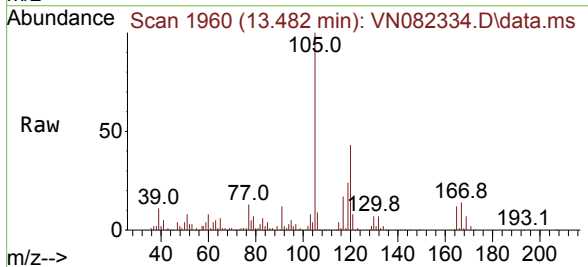
Instrument :  
 MSVOA\_N  
 ClientSampleId :

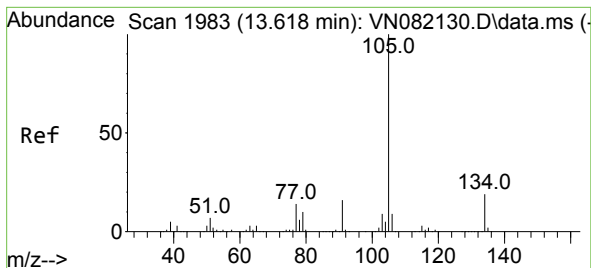
Tgt Ion:119 Resp: 152106  
 Ion Ratio Lower Upper  
 119 100  
 91 70.1 32.6 97.8  
 134 25.1 12.4 37.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.072 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.000 min  
 Lab File: VN082334.D  
 Acq: 23 May 2024 20:21

Tgt Ion:105 Resp: 183800  
 Ion Ratio Lower Upper  
 105 100  
 120 44.6 22.9 68.7





#85

sec-Butylbenzene

Concen: 17.725 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

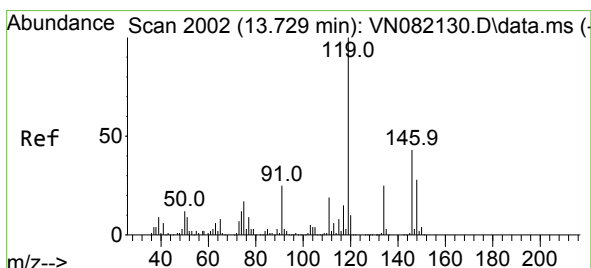
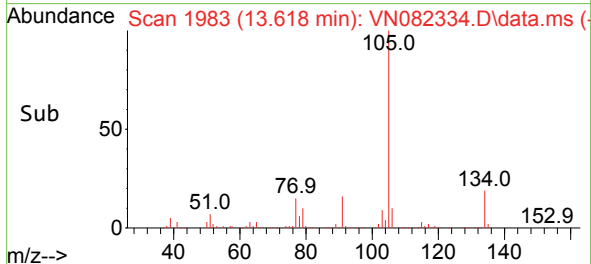
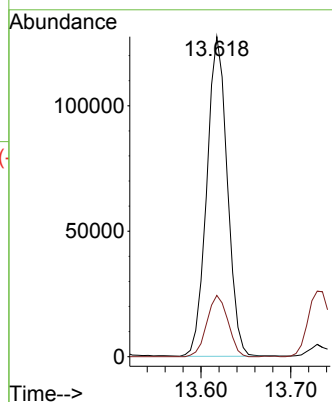
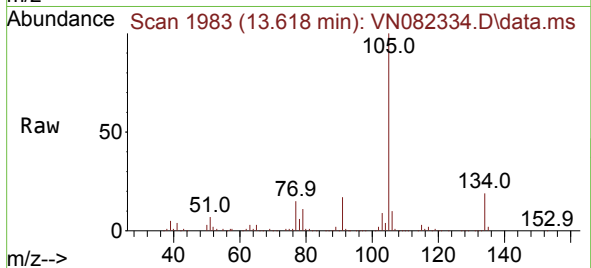
ClientSampleId :

Tgt Ion:105 Resp: 202460

Ion Ratio Lower Upper

105 100

134 19.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 18.368 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

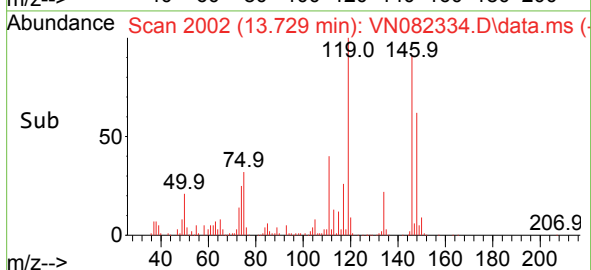
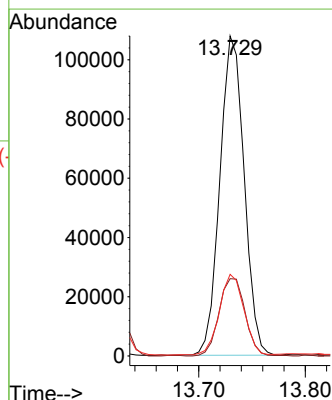
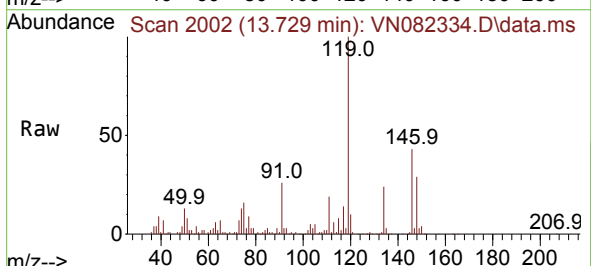
Tgt Ion:119 Resp: 170513

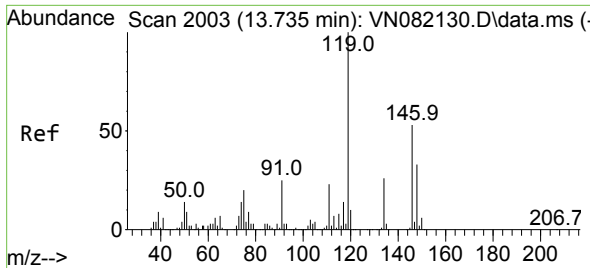
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 25.6 11.8 35.3

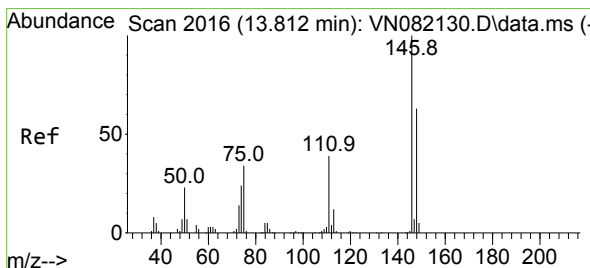
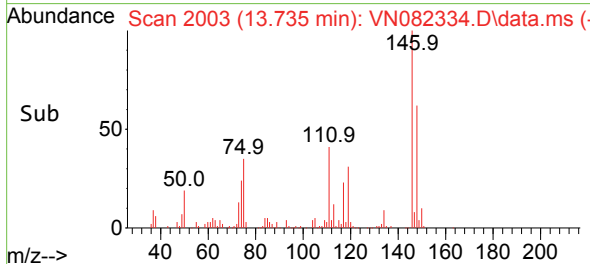
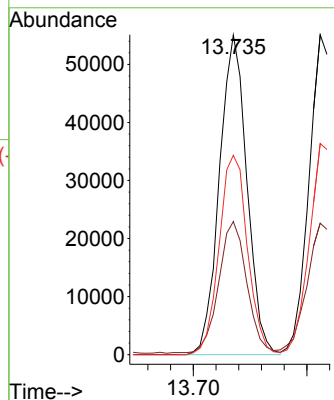
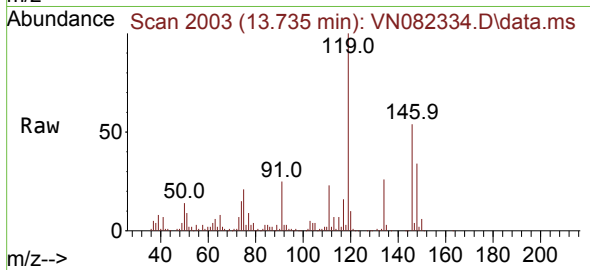




#87  
1,3-Dichlorobenzene  
Concen: 18.401 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

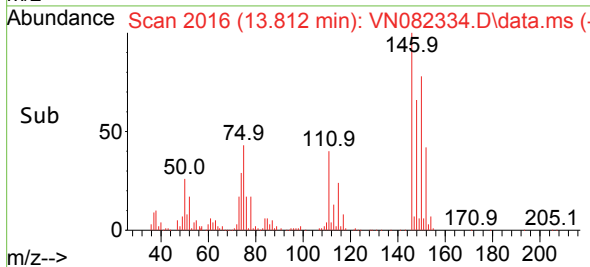
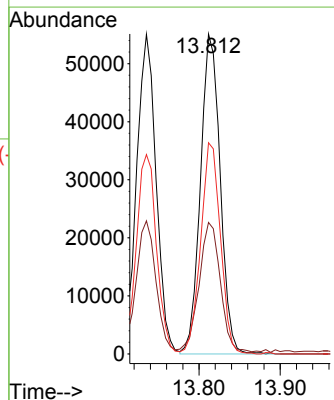
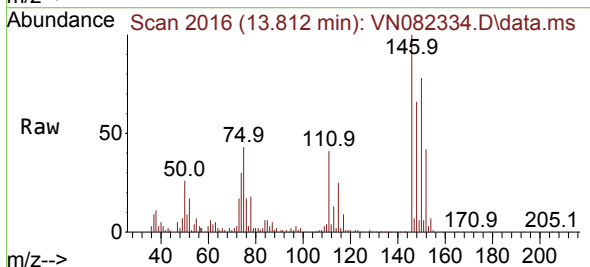
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:146 Resp: 92549  
Ion Ratio Lower Upper  
146 100  
111 41.3 20.8 62.5  
148 64.5 32.1 96.3

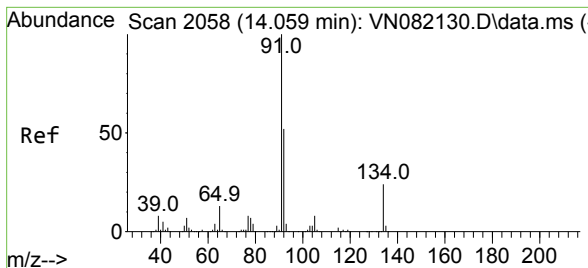


#88  
1,4-Dichlorobenzene  
Concen: 18.115 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion:146 Resp: 92993  
Ion Ratio Lower Upper  
146 100  
111 43.4 19.3 57.9  
148 66.1 31.3 93.9







#89

n-Butylbenzene

Concen: 17.549 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

ClientSampleId :

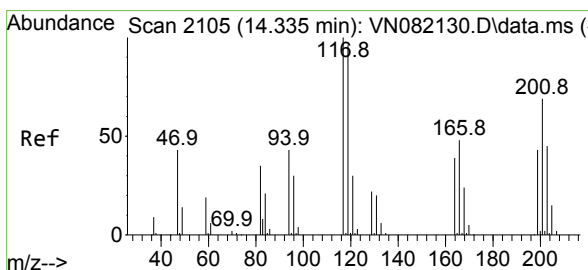
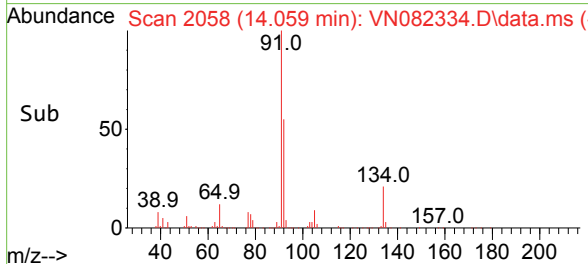
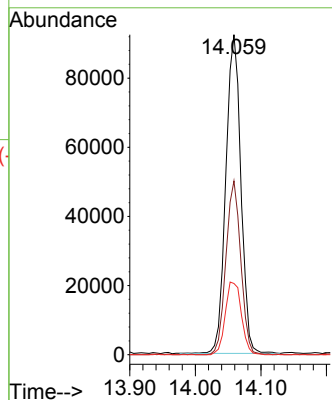
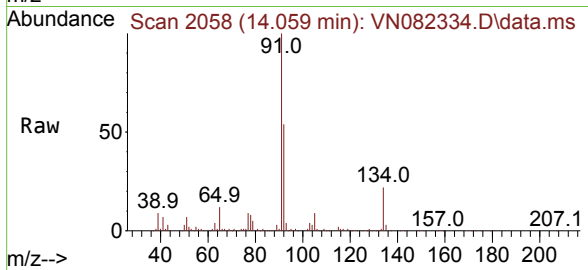
Tgt Ion: 91 Resp: 146420

Ion Ratio Lower Upper

91 100

92 53.8 26.2 78.5

134 24.4 13.2 39.5



#90

Hexachloroethane

Concen: 17.423 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082334.D

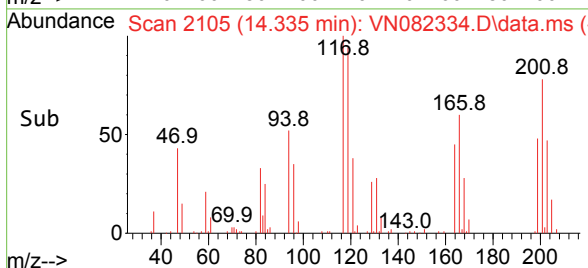
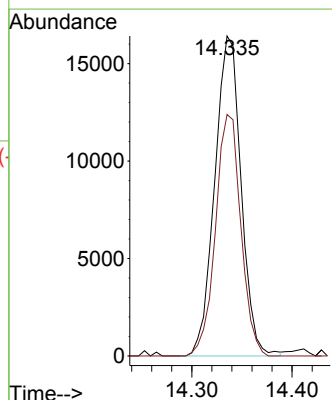
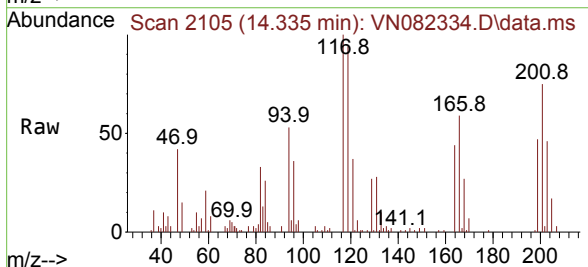
Acq: 23 May 2024 20:21

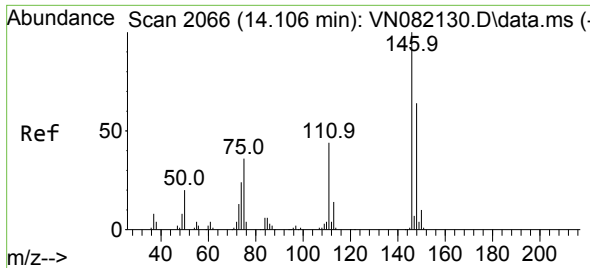
Tgt Ion: 117 Resp: 29967

Ion Ratio Lower Upper

117 100

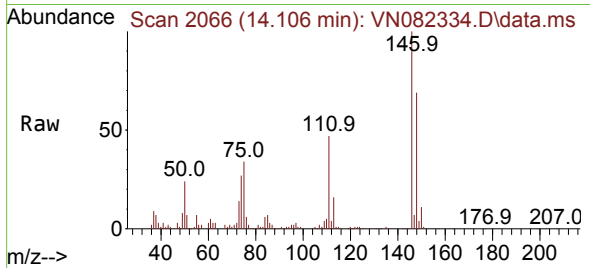
201 72.5 33.3 99.8



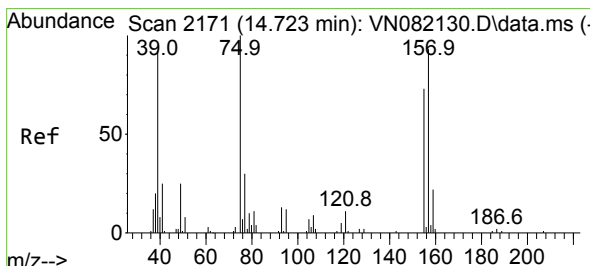
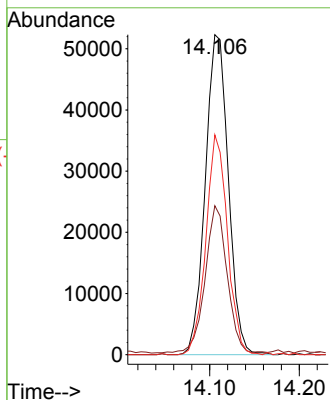
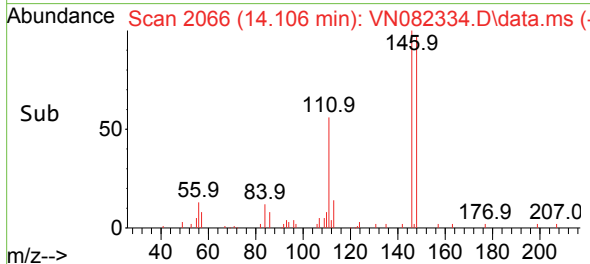


#91  
1,2-Dichlorobenzene  
Concen: 19.578 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

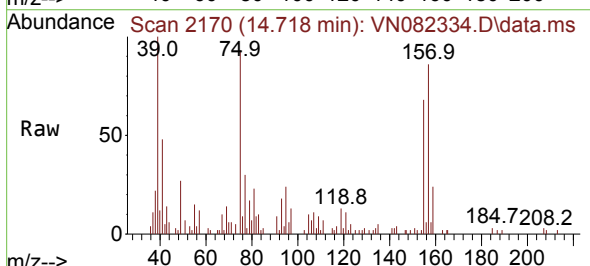
Instrument :  
MSVOA\_N  
ClientSampleId :



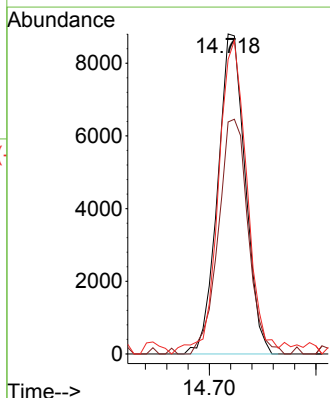
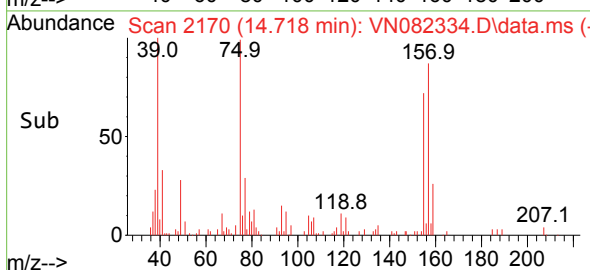
Tgt Ion:146 Resp: 93208  
Ion Ratio Lower Upper  
146 100  
111 44.1 21.3 64.0  
148 64.2 31.8 95.4

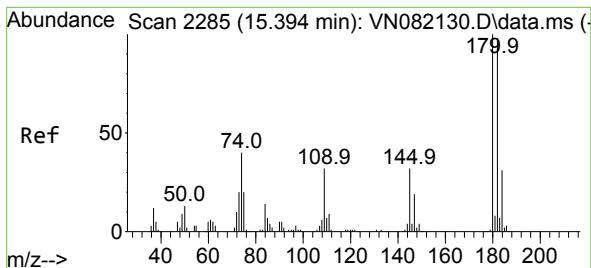


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 22.890 ug/l  
RT: 14.718 min Scan# 2170  
Delta R.T. -0.006 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21



Tgt Ion: 75 Resp: 15793  
Ion Ratio Lower Upper  
75 100  
155 79.1 42.6 128.0  
157 103.4 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 19.722 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

Instrument :

MSVOA\_N

ClientSampleId :

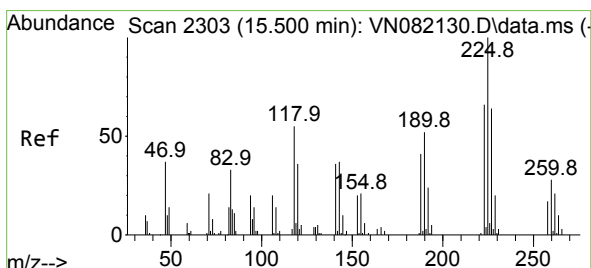
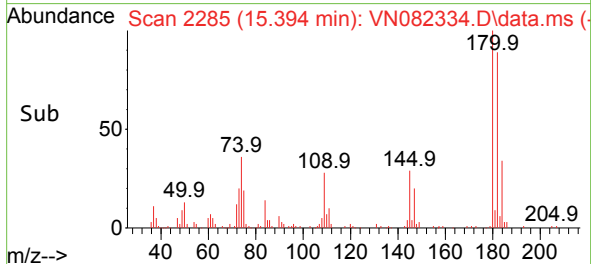
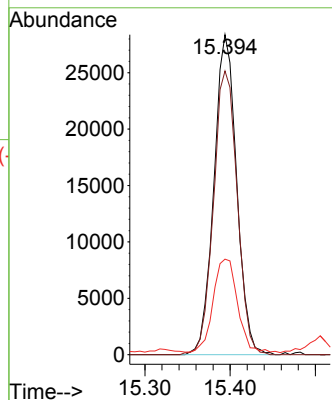
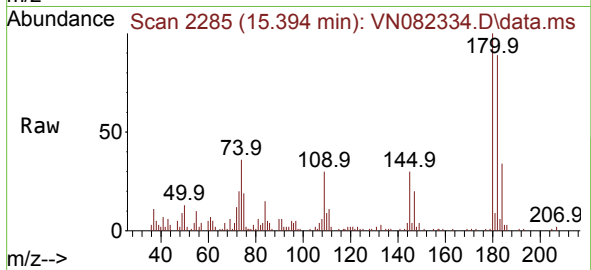
Tgt Ion:180 Resp: 52631

Ion Ratio Lower Upper

180 100

182 92.5 46.7 140.0

145 32.6 16.2 48.6



#94

Hexachlorobutadiene

Concen: 17.944 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN082334.D

Acq: 23 May 2024 20:21

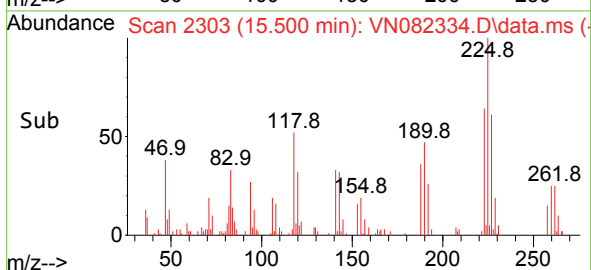
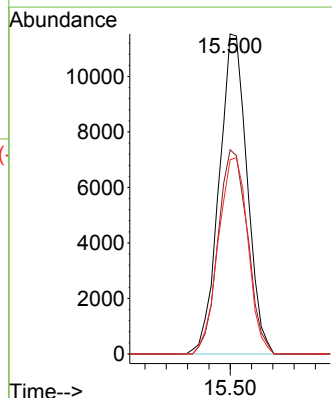
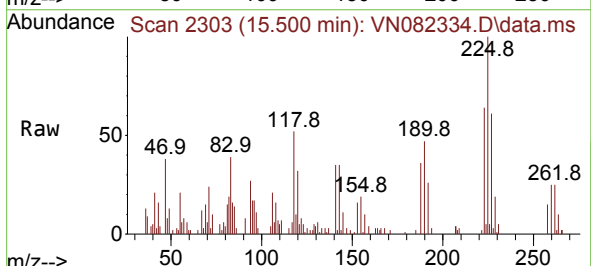
Tgt Ion:225 Resp: 21012

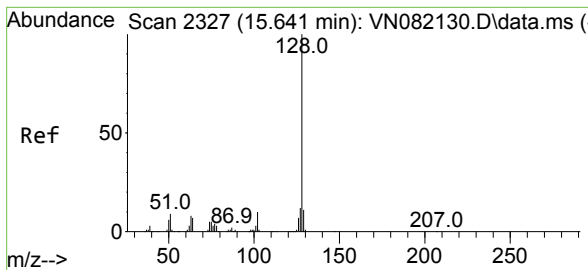
Ion Ratio Lower Upper

225 100

223 67.3 31.1 93.2

227 64.9 30.6 91.6

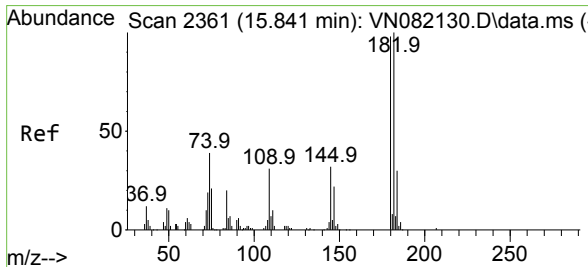
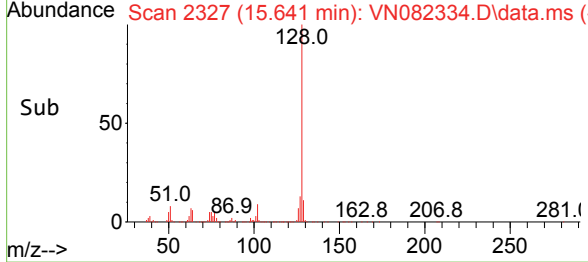
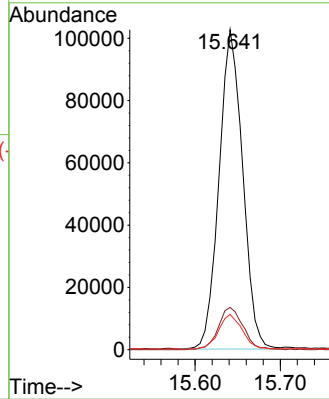
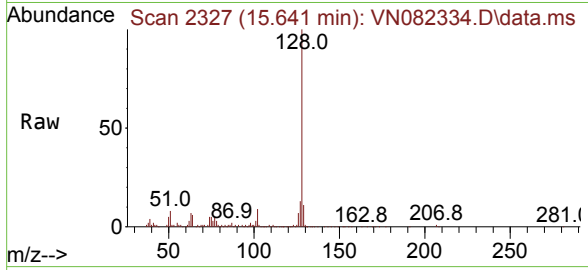




#95  
Naphthalene  
Concen: 23.577 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 197180  
Ion Ratio Lower Upper  
128 100  
127 13.9 10.1 15.1  
129 10.9 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 20.355 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VN082334.D  
Acq: 23 May 2024 20:21

Tgt Ion:180 Resp: 54379  
Ion Ratio Lower Upper  
180 100  
182 95.2 46.0 137.8  
145 35.3 17.1 51.3

