

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051524\  
 Data File : VN082130.D  
 Acq On : 15 May 2024 13:49  
 Operator : JC\MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Quant Time: May 16 04:57:37 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 04:51:03 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 208041   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 352589   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 324363   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 151604   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 163855   | 49.879   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 99.760%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 110054   | 50.740   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 101.480% |
| 50) Toluene-d8              | 10.571 | 98    | 428787   | 51.564   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 103.120% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 155862   | 52.513   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =    | 105.020% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 156258  | 52.096  | ug/l   | 96  |
| 3) Chloromethane             | 2.359 | 50  | 167705  | 49.336  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.512 | 62  | 161628  | 50.577  | ug/l   | 96  |
| 5) Bromomethane              | 2.954 | 94  | 86924   | 47.323  | ug/l   | 100 |
| 6) Chloroethane              | 3.118 | 64  | 99881   | 47.867  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 212595  | 50.804  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.959 | 74  | 78175   | 52.440  | ug/l   | 70  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 120624  | 49.345  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.589 | 142 | 129912  | 52.865  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 134214  | 254.522 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 116032  | 51.069  | ug/l # | 73  |
| 13) Acrolein                 | 4.177 | 56  | 103907  | 265.908 | ug/l   | 99  |
| 14) Allyl chloride           | 5.024 | 41  | 236332  | 48.583  | ug/l # | 90  |
| 15) Acrylonitrile            | 5.718 | 53  | 353044  | 258.509 | ug/l   | 100 |
| 16) Acetone                  | 4.424 | 43  | 360608  | 267.598 | ug/l   | 91  |
| 17) Carbon Disulfide         | 4.712 | 76  | 352681  | 48.060  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.024 | 43  | 164289  | 48.954  | ug/l # | 84  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 431812  | 51.995  | ug/l   | 93  |
| 20) Methylene Chloride       | 5.277 | 84  | 131778  | 48.468  | ug/l # | 72  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 122572  | 49.505  | ug/l # | 80  |
| 22) Diisopropyl ether        | 6.671 | 45  | 522824  | 51.471  | ug/l # | 93  |
| 23) Vinyl Acetate            | 6.600 | 43  | 2146772 | 268.059 | ug/l # | 89  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 259680  | 49.599  | ug/l   | 96  |
| 25) 2-Butanone               | 7.483 | 43  | 531822  | 260.297 | ug/l # | 84  |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 225182  | 51.350  | ug/l   | 95  |
| 27) cis-1,2-Dichloroethene   | 7.489 | 96  | 148270  | 50.742  | ug/l   | 79  |
| 28) Bromochloromethane       | 7.812 | 49  | 114730  | 50.441  | ug/l # | 74  |
| 29) Tetrahydrofuran          | 7.836 | 42  | 343814  | 262.092 | ug/l # | 80  |
| 30) Chloroform               | 7.965 | 83  | 248790  | 49.761  | ug/l   | 99  |
| 31) Cyclohexane              | 8.259 | 56  | 243472  | 46.405  | ug/l   | 85  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 227750  | 51.347  | ug/l   | 92  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 186432  | 51.250  | ug/l   | 95  |
| 37) Ethyl Acetate            | 7.559 | 43  | 218292  | 53.621  | ug/l # | 92  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 190859  | 51.757  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.600 | 83  | 212288  | 53.240  | ug/l # | 85  |
| 40) Benzene                  | 8.606 | 78  | 556775  | 51.327  | ug/l   | 99  |

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 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Quant Time: May 16 04:57:37 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 04:51:03 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 122692   | 51.245   | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 211449   | 50.683   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 375268   | 52.022   | ug/l # | 89       |
| 44) Trichloroethene           | 9.353  | 130  | 124107   | 50.366   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 142720   | 50.993   | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 93777    | 51.035   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.888  | 83   | 202339   | 52.161   | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.682  | 41   | 182783   | 53.177   | ug/l # | 82       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 50969    | 1058.202 | ug/l # | 77       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1099711  | 268.319  | ug/l   | 90       |
| 52) Toluene                   | 10.629 | 92   | 344401   | 52.905   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 218121   | 54.368   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 226970   | 53.446   | ug/l # | 79       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 120618   | 50.987   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 224741   | 55.955   | ug/l # | 68       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 226465   | 51.200   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 565068   | 272.758  | ug/l   | 90       |
| 59) 2-Hexanone                | 11.194 | 43   | 832651   | 277.461  | ug/l   | 88       |
| 60) Dibromochloromethane      | 11.359 | 129  | 144454   | 55.332   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 124723   | 51.329   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 119092   | 49.536   | ug/l   | 94       |
| 65) Chlorobenzene             | 11.894 | 112  | 361616   | 50.465   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 123356   | 52.262   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 671341   | 52.373   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.071 | 106  | 499323   | 106.284  | ug/l   | 92       |
| 69) o-Xylene                  | 12.400 | 106  | 241606   | 53.091   | ug/l   | 92       |
| 70) Styrene                   | 12.412 | 104  | 410383   | 54.291   | ug/l   | 95       |
| 71) Bromoform                 | 12.576 | 173  | 94096    | 50.122   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 625967   | 51.973   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 342555   | 51.707   | ug/l # | 86       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 172289   | 49.624   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 250590   | 78.644   | ug/l   | 65       |
| 77) Bromobenzene              | 12.982 | 156  | 143402   | 49.961   | ug/l   | 86       |
| 78) n-propylbenzene           | 13.035 | 91   | 758852   | 53.207   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 453766   | 50.667   | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 523273   | 53.731   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 70411    | 54.260   | ug/l # | 79       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 449951   | 51.386   | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 444895   | 52.218   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 533053   | 53.500   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 627465   | 53.133   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 522178   | 54.408   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 265318   | 51.022   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 263536   | 49.655   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 469757   | 54.456   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 94453    | 53.117   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 253273   | 51.455   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 38615    | 54.134   | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 146001   | 52.916   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 60343    | 49.843   | ug/l   | 96       |
| 95) Naphthalene               | 15.641 | 128  | 473910   | 54.809   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 141170   | 51.110   | ug/l   | 97       |

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Acq On : 15 May 2024 13:49  
Operator : JC\MD  
Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

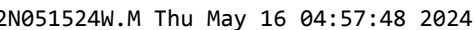
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

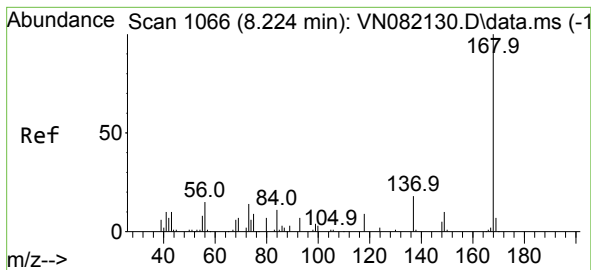
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 16 04:51:03 2024  
Response via : Initial Calibration

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

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

Quant Time: May 16 04:57:37 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 16 04:51:03 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: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

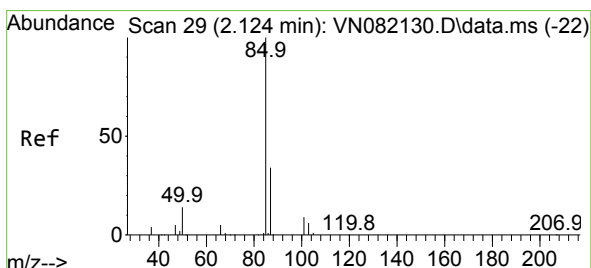
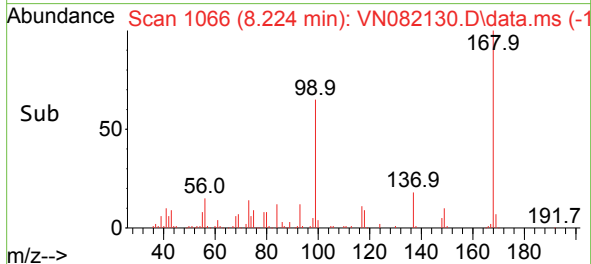
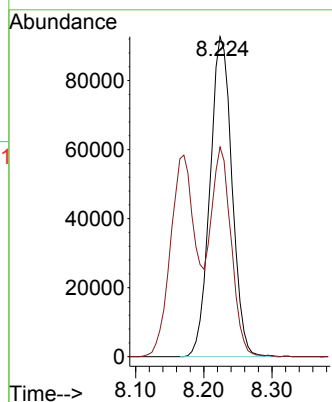
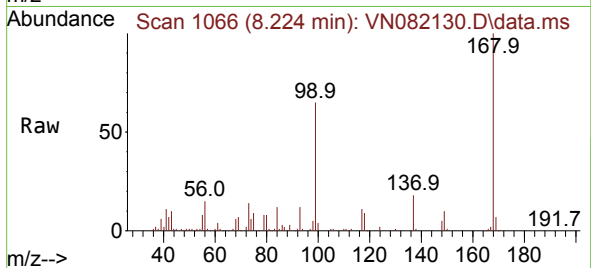
VSTDICCC050

Tgt Ion:168 Resp: 208041

Ion Ratio Lower Upper

168 100

99 65.5 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 52.096 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082130.D

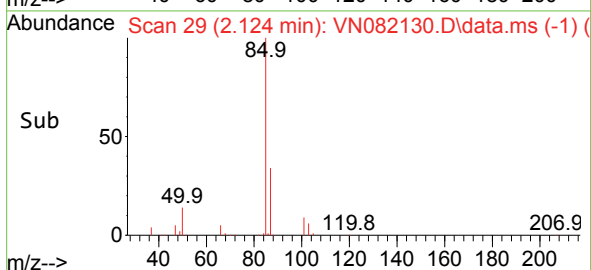
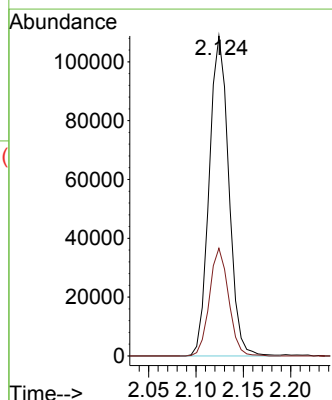
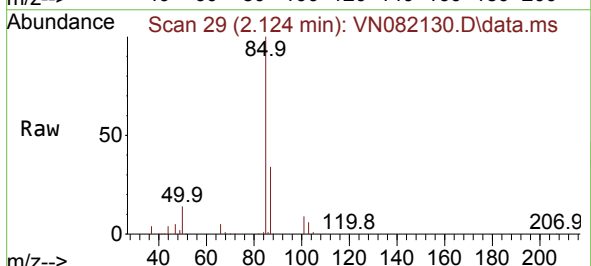
Acq: 15 May 2024 13:49

Tgt Ion: 85 Resp: 156258

Ion Ratio Lower Upper

85 100

87 33.7 15.8 47.4

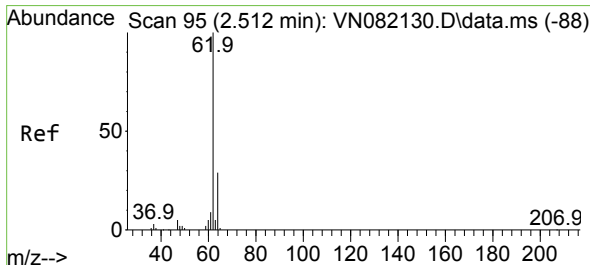
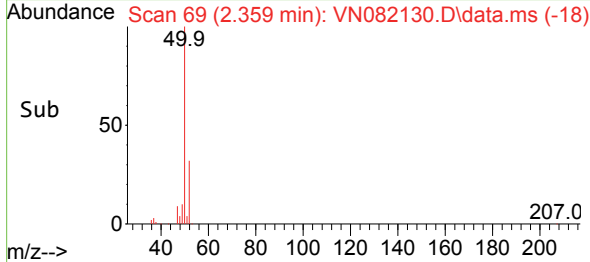
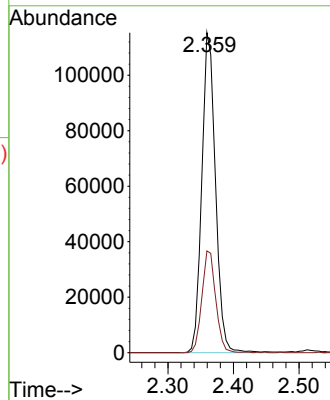
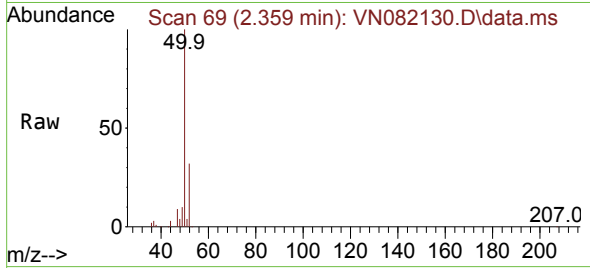




#3  
Chloromethane  
Concen: 49.336 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

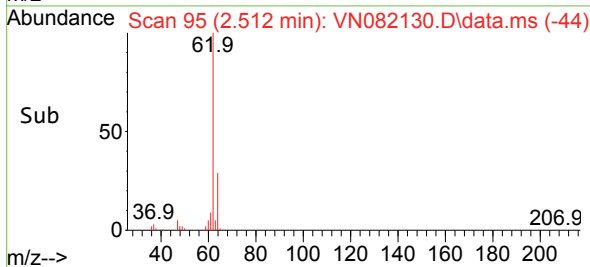
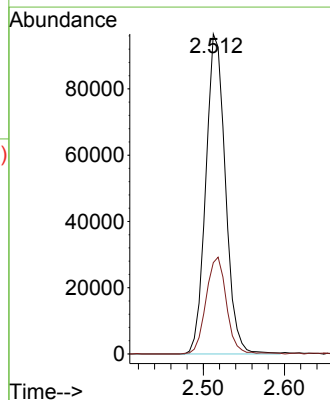
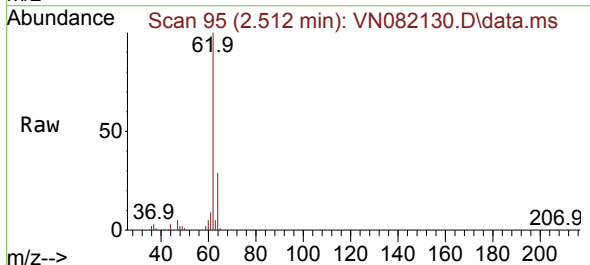
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

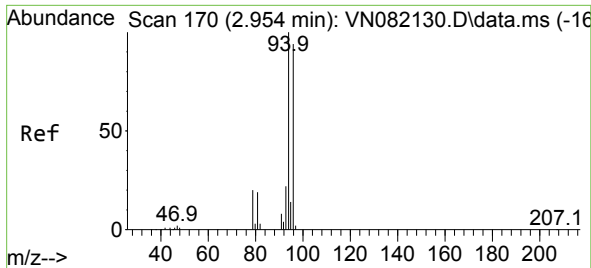
Tgt Ion: 50 Resp: 167705  
Ion Ratio Lower Upper  
50 100  
52 31.8 25.5 38.3



#4  
Vinyl Chloride  
Concen: 50.577 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 62 Resp: 161628  
Ion Ratio Lower Upper  
62 100  
64 28.6 24.6 37.0

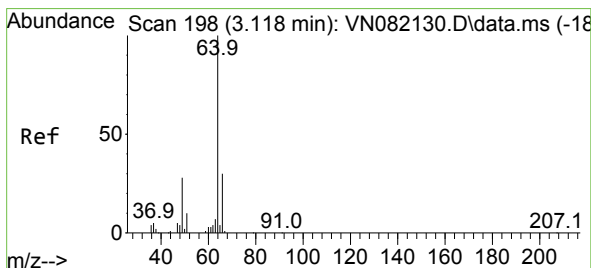
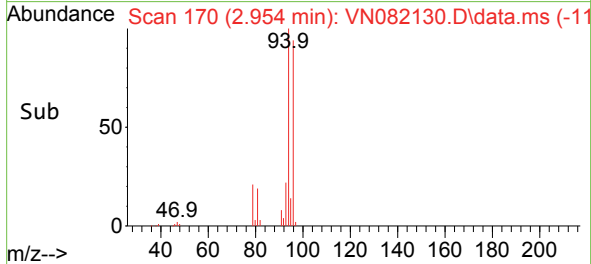
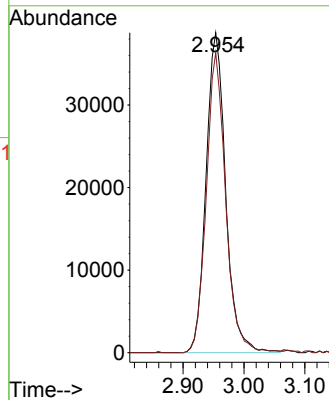
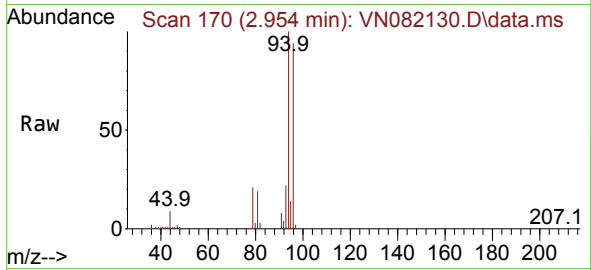




#5  
Bromomethane  
Concen: 47.323 ug/l  
RT: 2.954 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

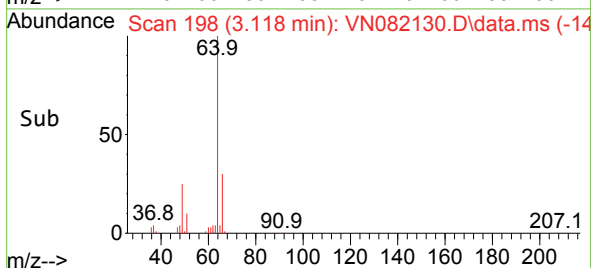
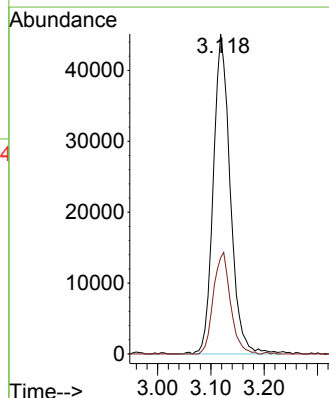
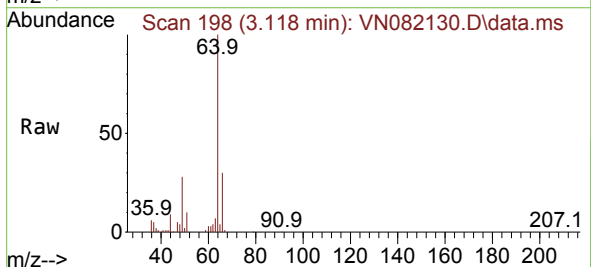
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

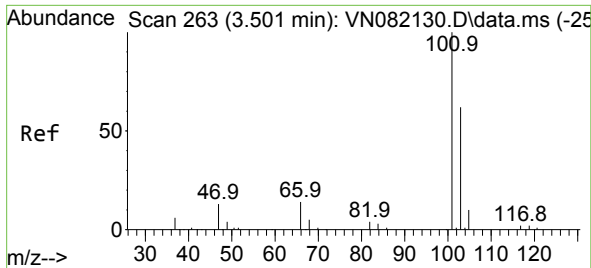
Tgt Ion: 94 Resp: 86924  
Ion Ratio Lower Upper  
94 100  
96 93.7 74.8 112.2



#6  
Chloroethane  
Concen: 47.867 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 64 Resp: 99881  
Ion Ratio Lower Upper  
64 100  
66 30.1 24.7 37.1

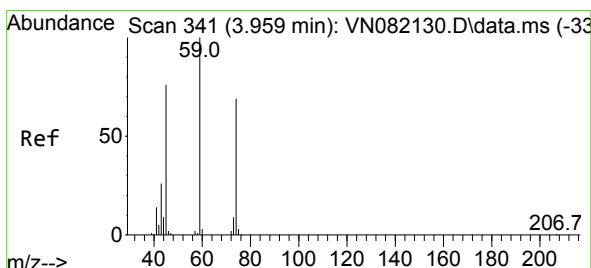
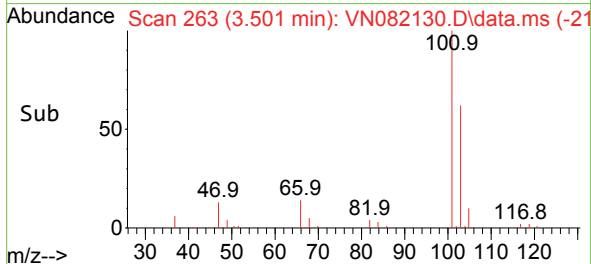
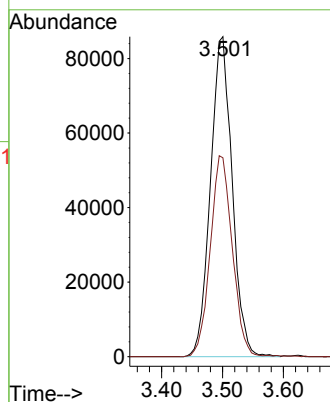
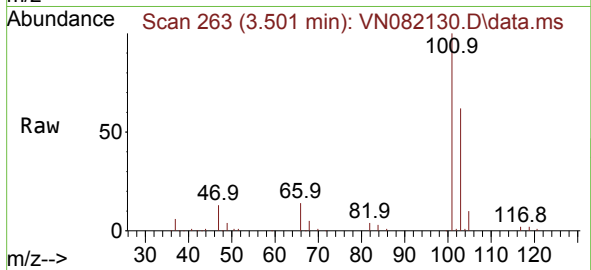




#7  
Trichlorofluoromethane  
Concen: 50.804 ug/l  
RT: 3.501 min Scan# 212595  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

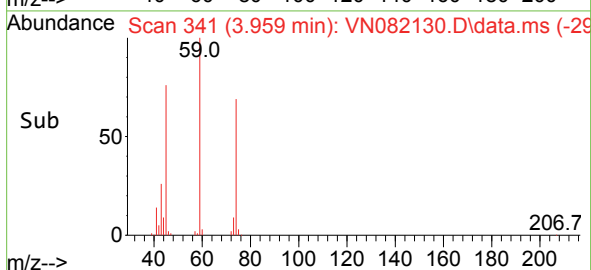
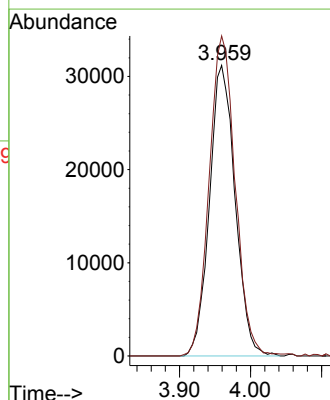
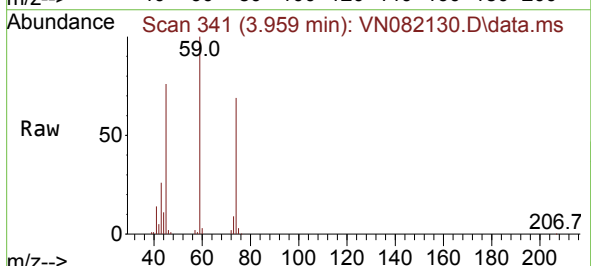
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

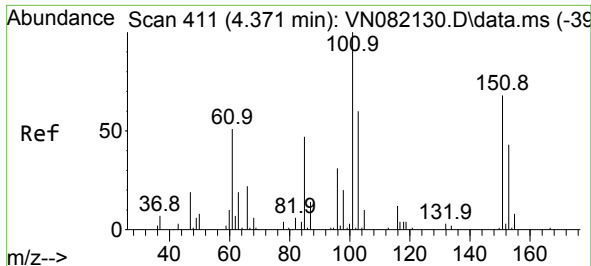
Tgt Ion:101 Resp: 212595  
Ion Ratio Lower Upper  
101 100  
103 62.2 50.6 75.8



#8  
Diethyl Ether  
Concen: 52.440 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 74 Resp: 78175  
Ion Ratio Lower Upper  
74 100  
45 112.3 42.4 127.3

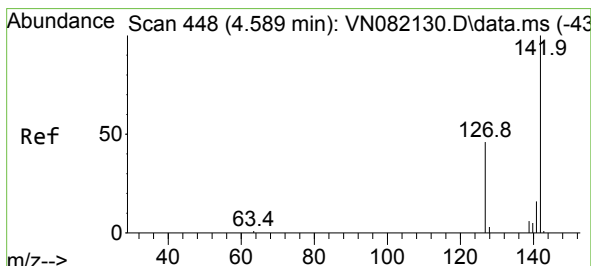
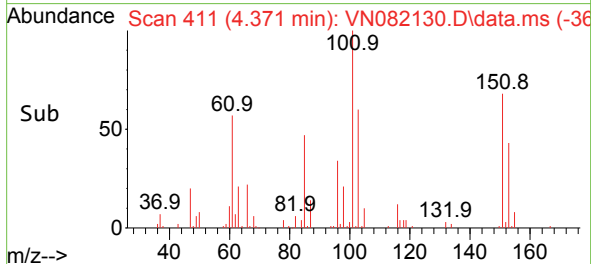
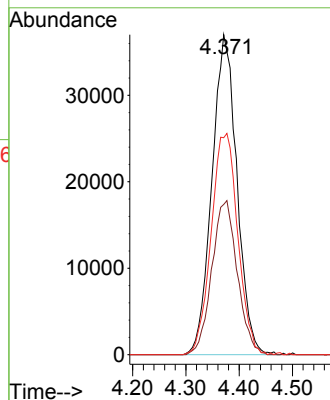
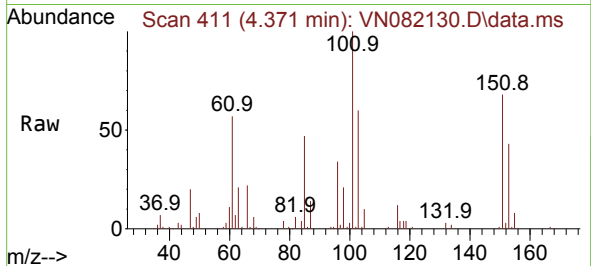




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.345 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

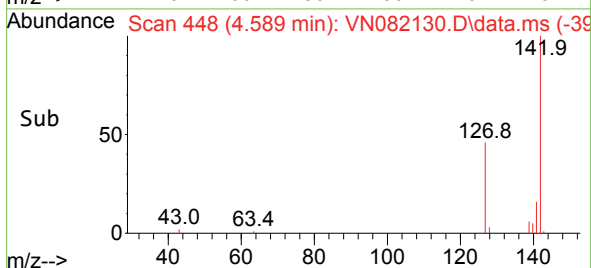
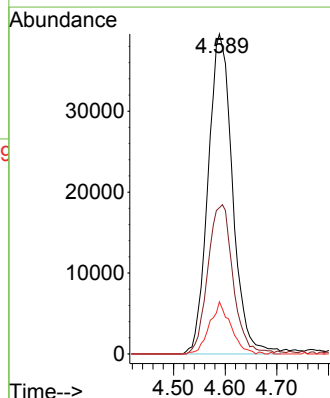
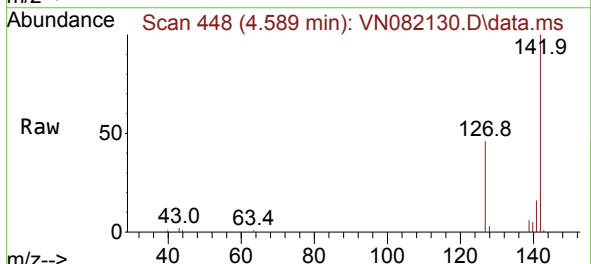
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion:101 Resp: 120624  
Ion Ratio Lower Upper  
101 100  
85 49.1 37.3 55.9  
151 73.7 59.2 88.8



#10  
Methyl Iodide  
Concen: 52.865 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion:142 Resp: 129912  
Ion Ratio Lower Upper  
142 100  
127 45.7 35.8 53.6  
141 16.3 11.4 17.2

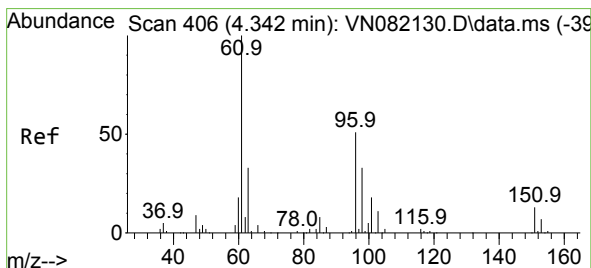
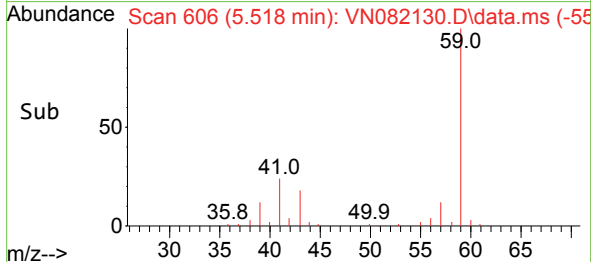
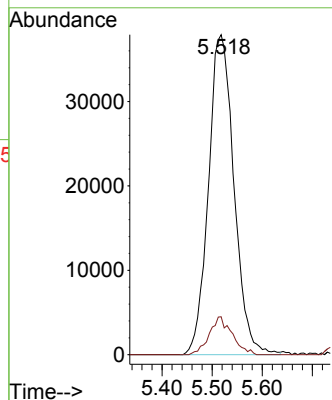
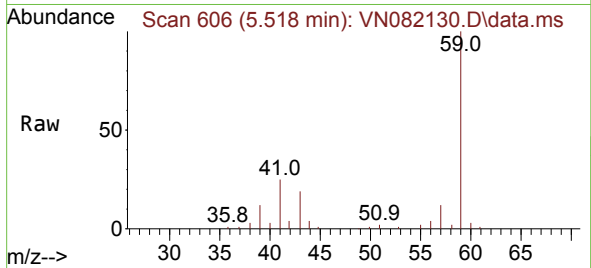




#11  
Tert butyl alcohol  
Concen: 254.522 ug/l  
RT: 5.518 min Scan# 606  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

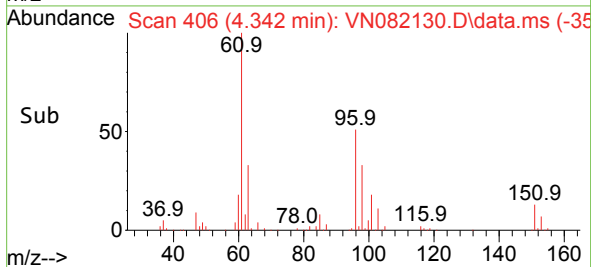
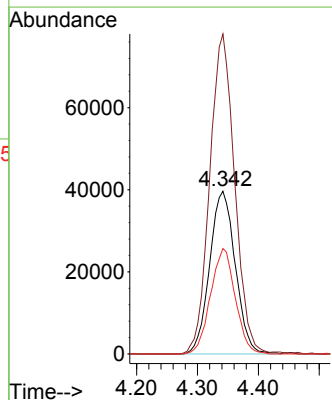
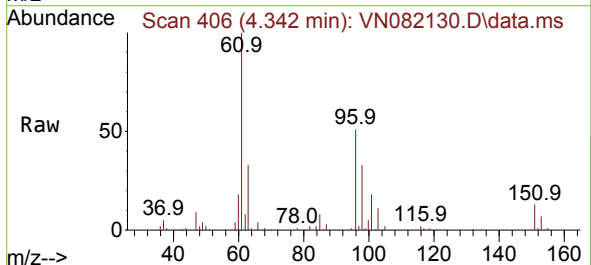
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

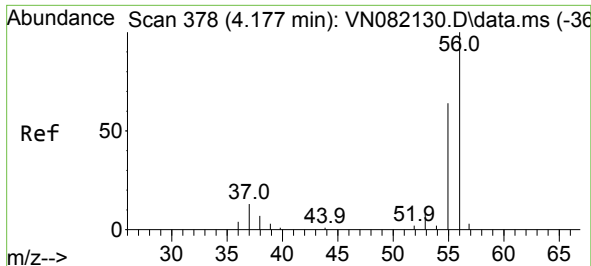
Tgt Ion: 59 Resp: 134214  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.9 13.3



#12  
1,1-Dichloroethene  
Concen: 51.069 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 96 Resp: 116032  
Ion Ratio Lower Upper  
96 100  
61 196.6 119.7 179.5#  
98 64.8 49.6 74.4





#13

Acrolein

Concen: 265.908 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

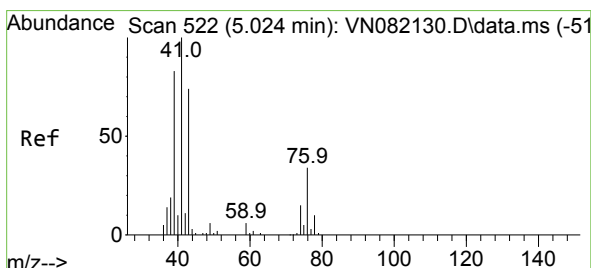
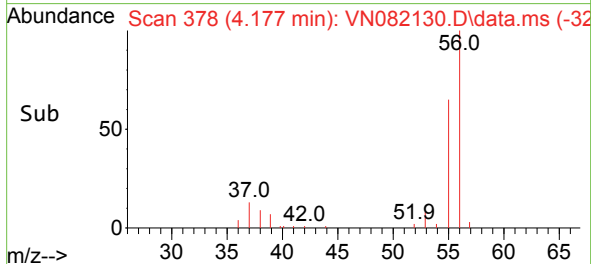
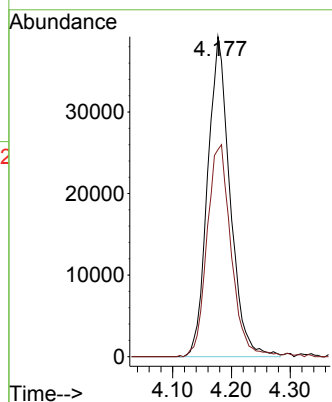
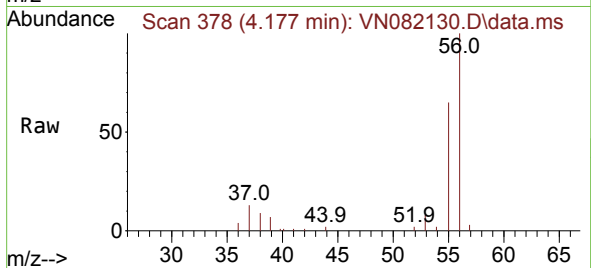
VSTDICCC050

Tgt Ion: 56 Resp: 103907

Ion Ratio Lower Upper

56 100

55 71.0 55.8 83.8



#14

Allyl chloride

Concen: 48.583 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

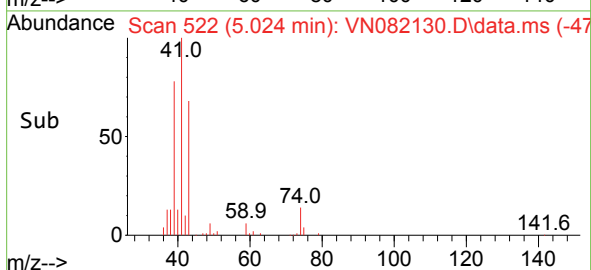
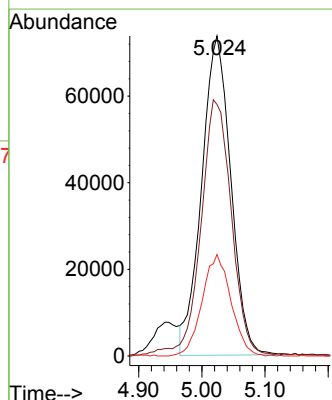
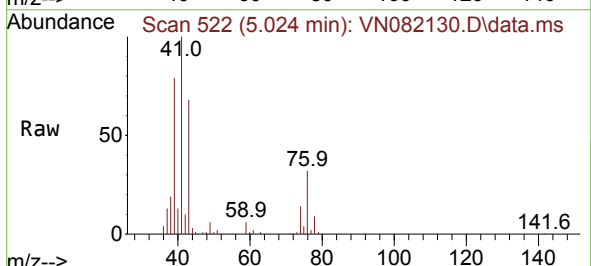
Tgt Ion: 41 Resp: 236332

Ion Ratio Lower Upper

41 100

39 84.2 65.4 98.0

76 31.5 37.3 55.9#

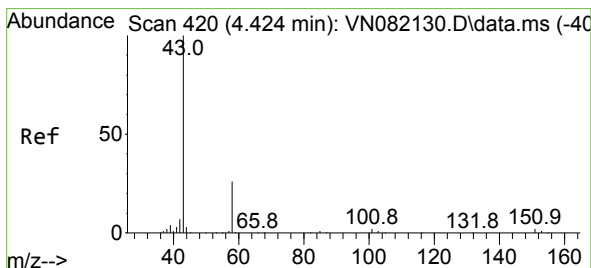
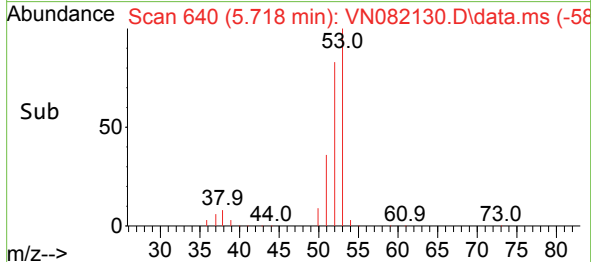
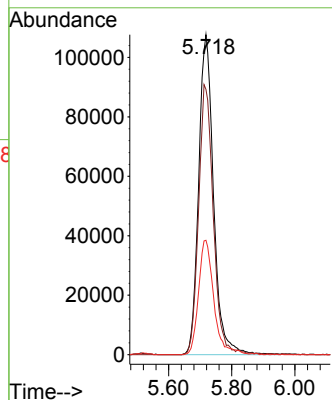
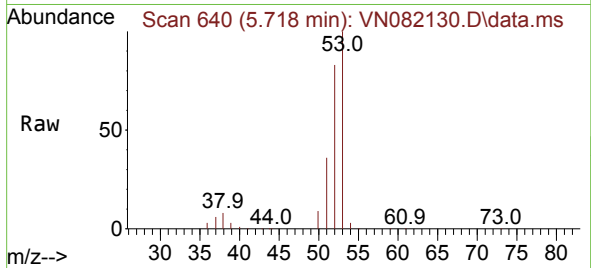




#15  
Acrylonitrile  
Concen: 258.509 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

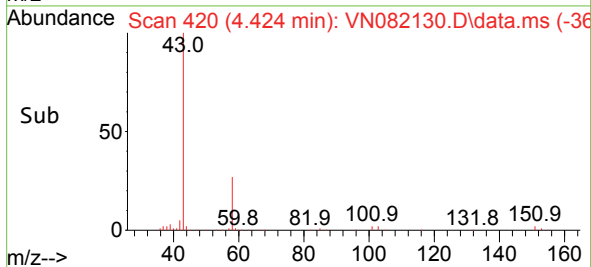
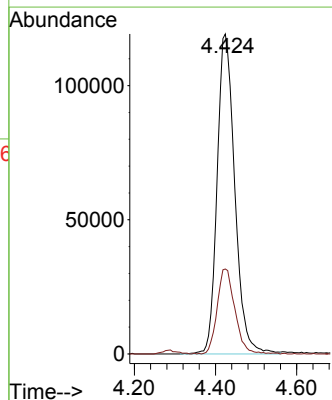
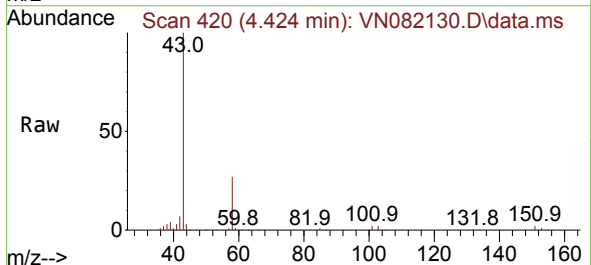
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MSVOA\_N  
ClientSampleId :  
VSTDICCC050

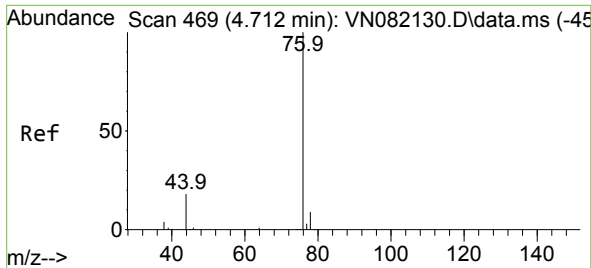
Tgt Ion: 53 Resp: 353044  
Ion Ratio Lower Upper  
53 100  
52 82.4 66.1 99.1  
51 36.7 29.4 44.2



#16  
Acetone  
Concen: 267.598 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 43 Resp: 360608  
Ion Ratio Lower Upper  
43 100  
58 26.5 25.2 37.8

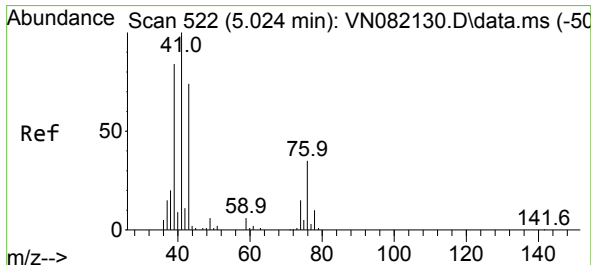
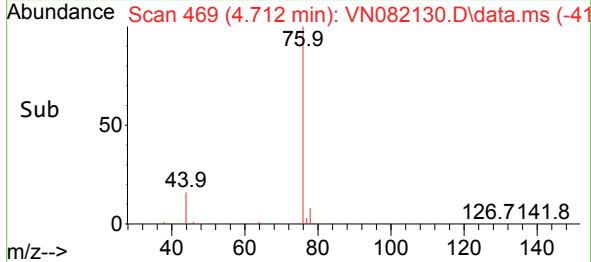
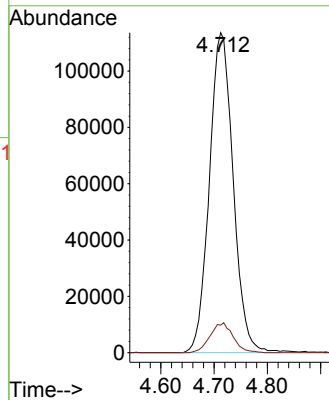
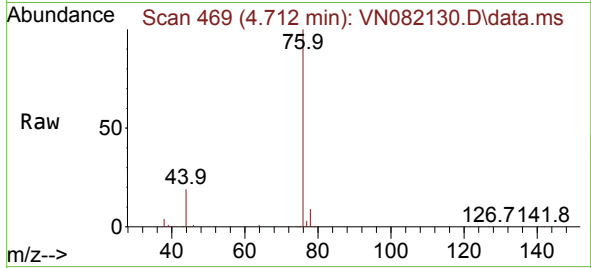




#17  
Carbon Disulfide  
Concen: 48.060 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

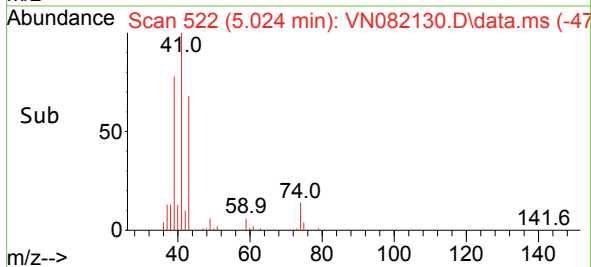
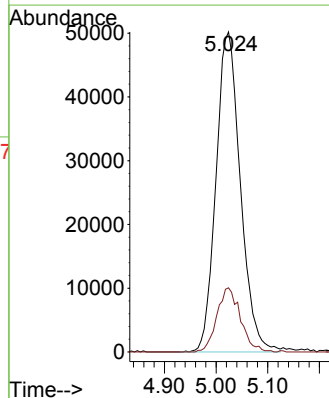
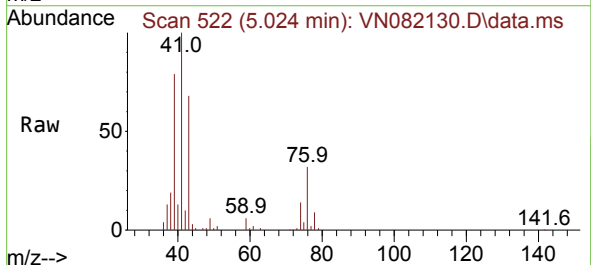
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

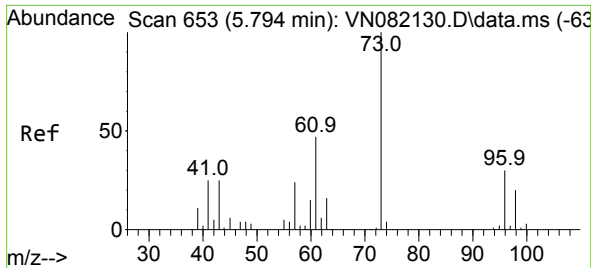
Tgt Ion: 76 Resp: 352681  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.5 11.3



#18  
Methyl Acetate  
Concen: 48.954 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 43 Resp: 164289  
Ion Ratio Lower Upper  
43 100  
74 19.4 22.2 33.2#

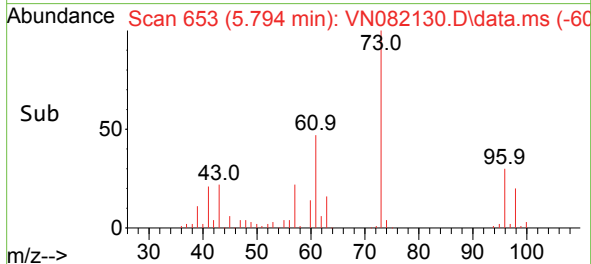
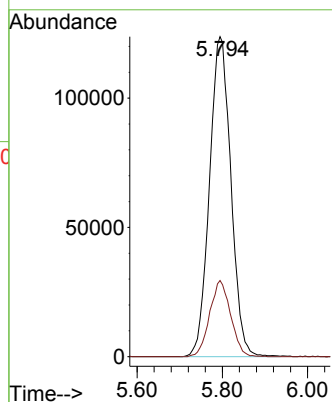
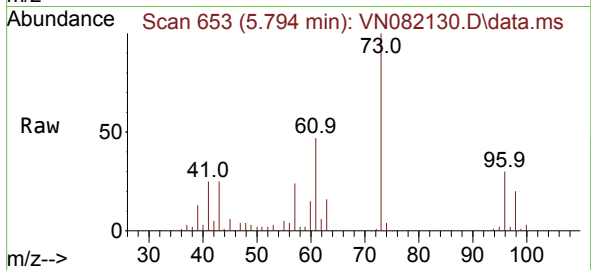




#19  
Methyl tert-butyl Ether  
Concen: 51.995 ug/l  
RT: 5.794 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

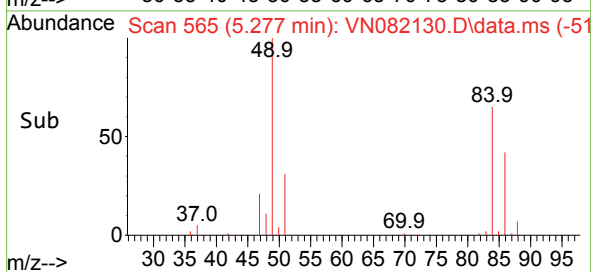
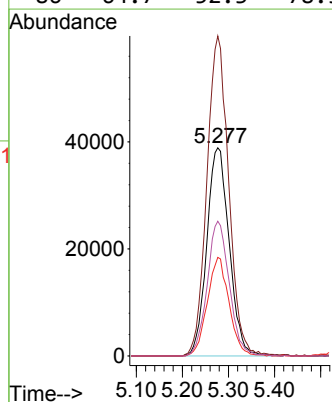
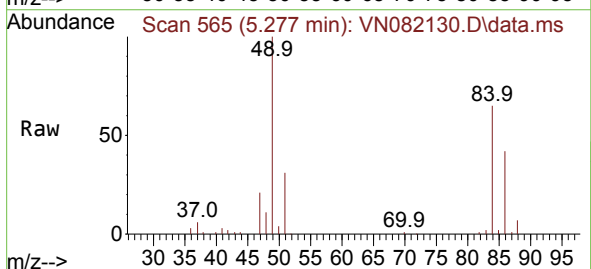
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

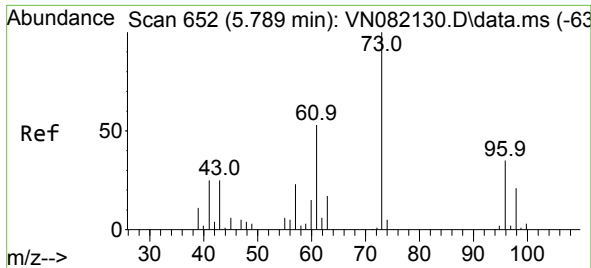
Tgt Ion: 73 Resp: 431812  
Ion Ratio Lower Upper  
73 100  
57 23.8 16.5 24.7



#20  
Methylene Chloride  
Concen: 48.468 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 84 Resp: 131778  
Ion Ratio Lower Upper  
84 100  
49 153.7 84.9 127.3#  
51 47.4 27.0 40.6#  
86 64.7 52.3 78.5

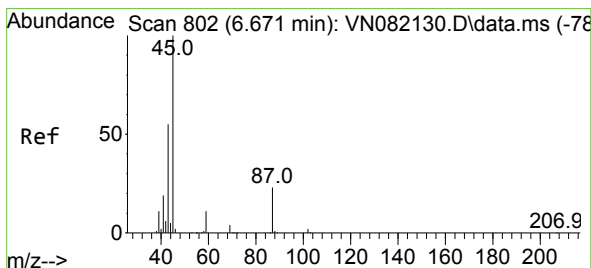
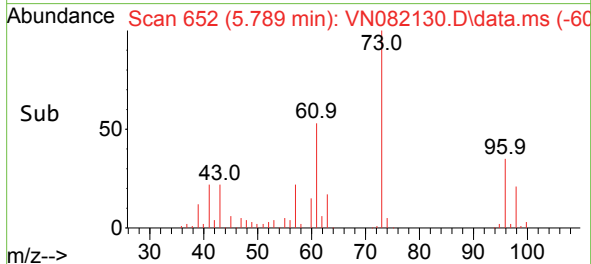
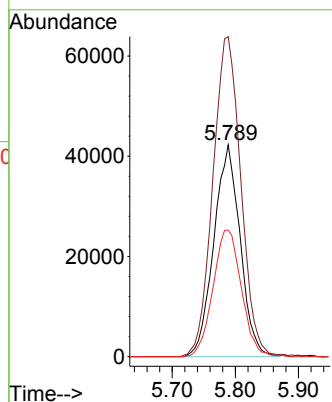
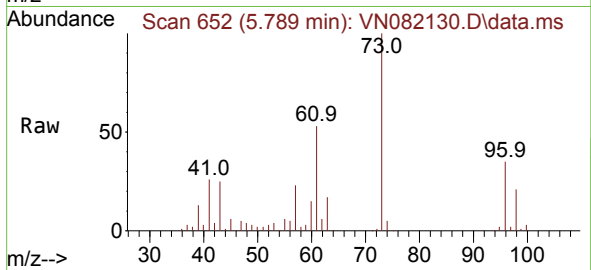




#21  
trans-1,2-Dichloroethene  
Concen: 49.505 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

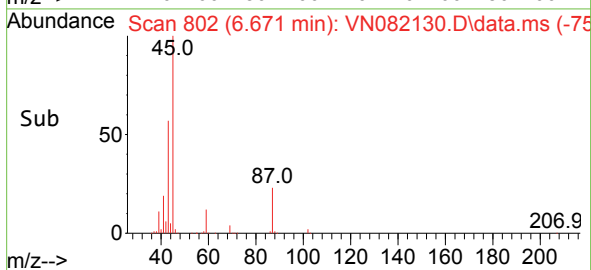
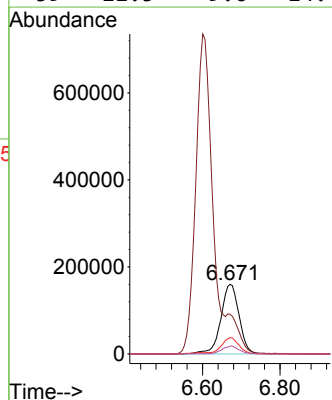
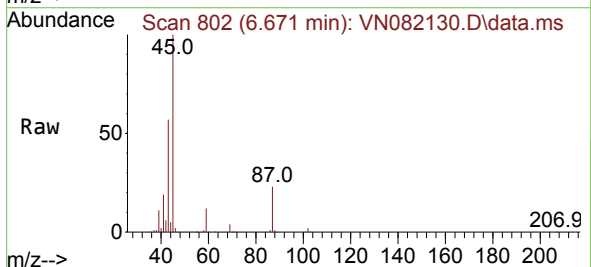
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 96 Resp: 122572  
Ion Ratio Lower Upper  
96 100  
61 151.1 96.5 144.7#  
98 59.7 51.3 76.9



#22  
Diisopropyl ether  
Concen: 51.471 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 45 Resp: 522824  
Ion Ratio Lower Upper  
45 100  
43 56.4 44.1 66.1  
87 23.4 27.0 40.6#  
59 11.5 9.6 14.4

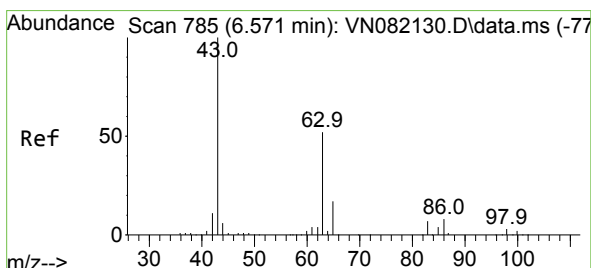
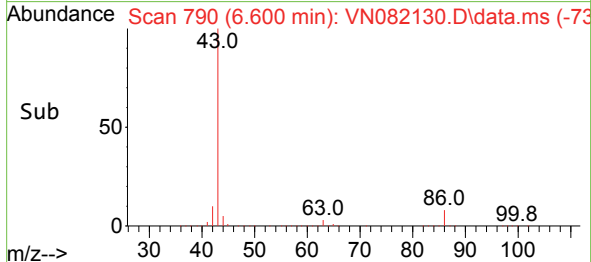
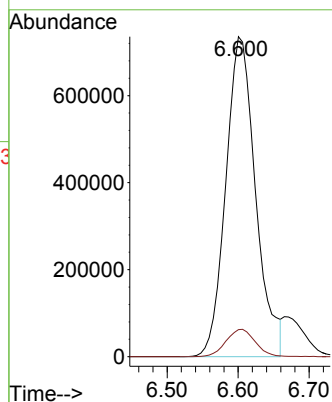
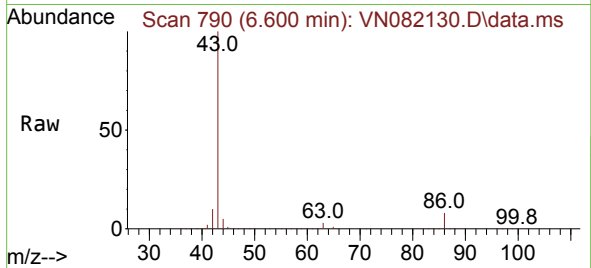




#23  
 Vinyl Acetate  
 Concen: 268.059 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN082130.D  
 Acq: 15 May 2024 13:49

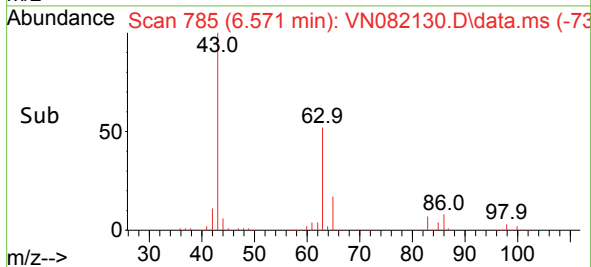
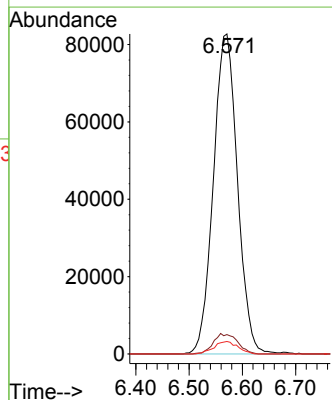
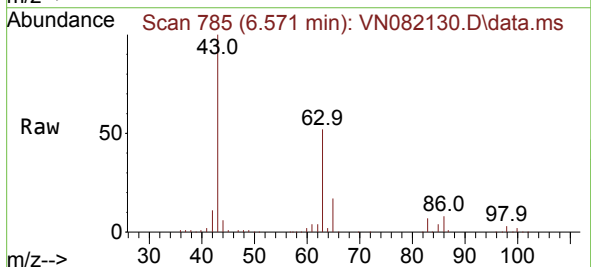
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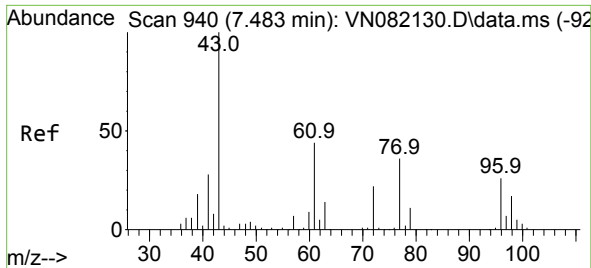
Tgt Ion: 43 Resp: 2146772  
 Ion Ratio Lower Upper  
 43 100  
 86 8.5 10.2 15.4#



#24  
 1,1-Dichloroethane  
 Concen: 49.599 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: VN082130.D  
 Acq: 15 May 2024 13:49

Tgt Ion: 63 Resp: 259680  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.6 10.9  
 100 3.9 2.6 7.8

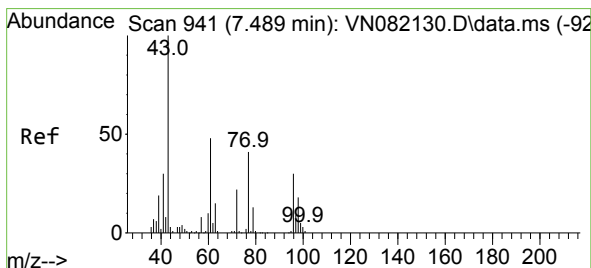
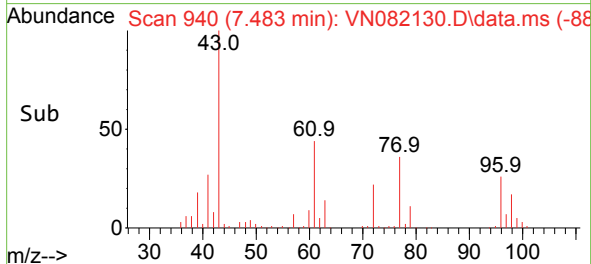
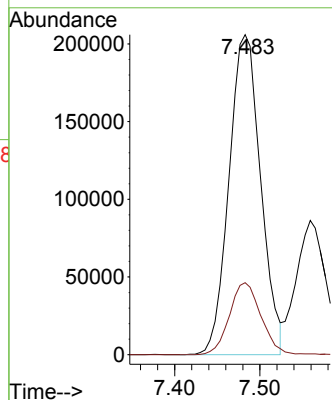
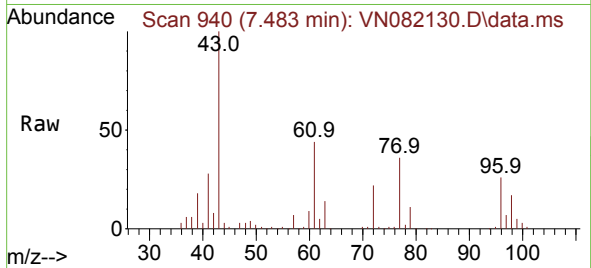




#25  
2-Butanone  
Concen: 260.297 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

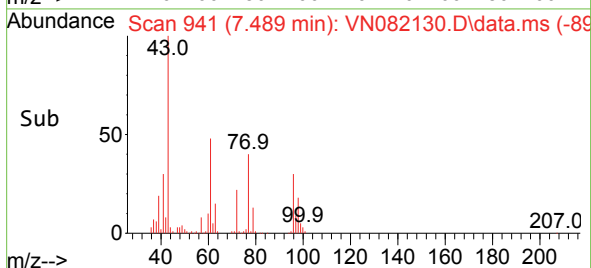
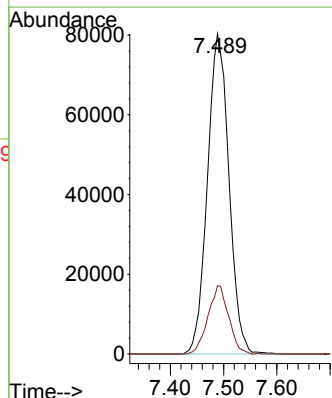
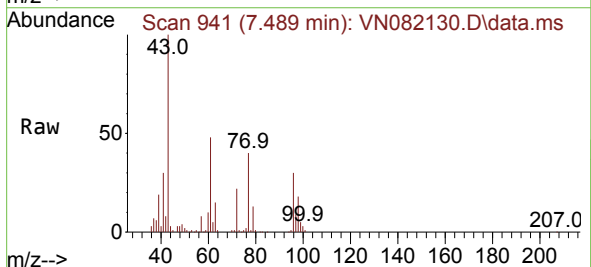
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 43 Resp: 531822  
Ion Ratio Lower Upper  
43 100  
72 22.5 25.3 37.9#



#26  
2,2-Dichloropropane  
Concen: 51.350 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 77 Resp: 225182  
Ion Ratio Lower Upper  
77 100  
97 20.4 11.3 33.9

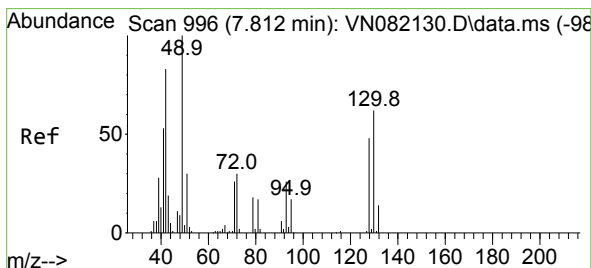
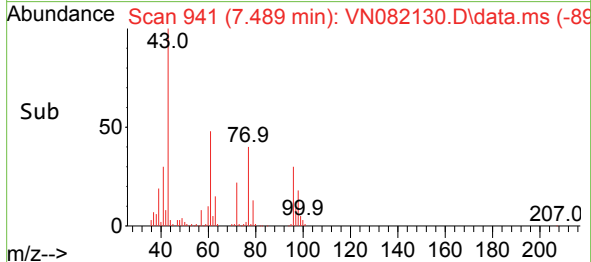
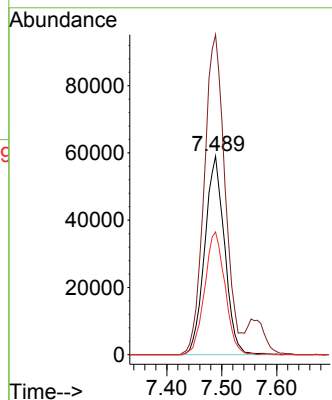
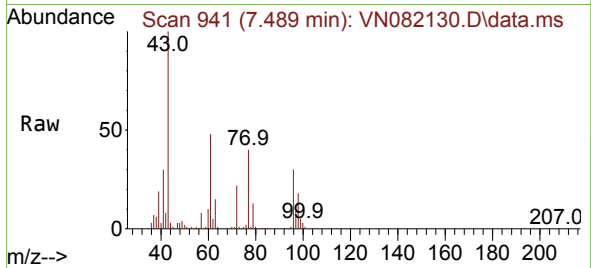




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.742 ug/l  
 RT: 7.489 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN082130.D  
 Acq: 15 May 2024 13:49

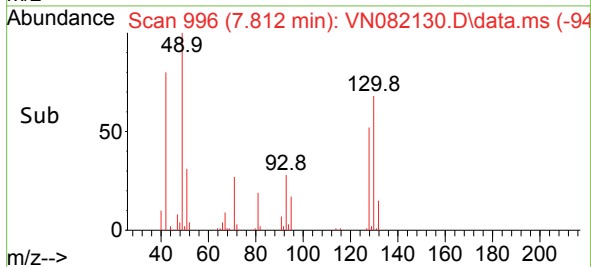
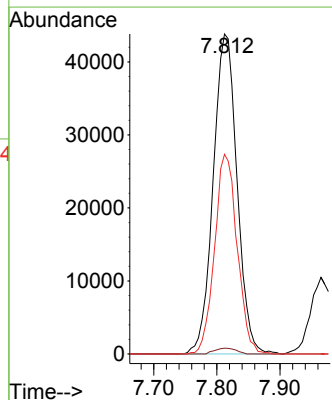
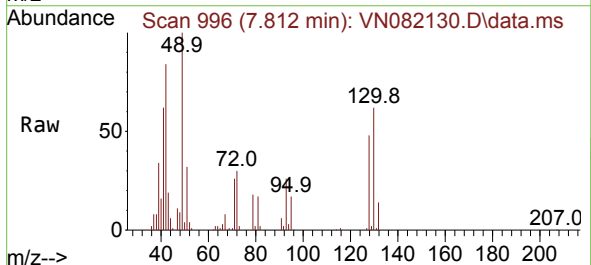
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion: 96 Resp: 148270  
 Ion Ratio Lower Upper  
 96 100  
 61 170.0 0.0 268.0  
 98 63.6 0.0 126.8



#28  
 Bromochloromethane  
 Concen: 50.441 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.000 min  
 Lab File: VN082130.D  
 Acq: 15 May 2024 13:49

Tgt Ion: 49 Resp: 114730  
 Ion Ratio Lower Upper  
 49 100  
 129 1.6 0.0 4.6  
 130 59.1 66.7 100.1#





#29

Tetrahydrofuran

Concen: 262.092 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

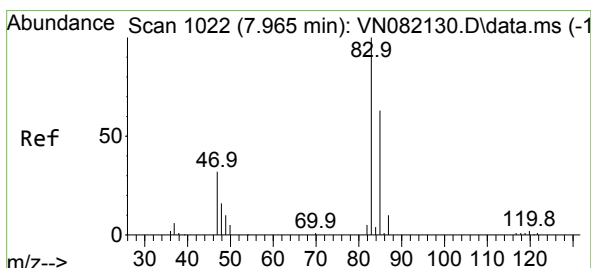
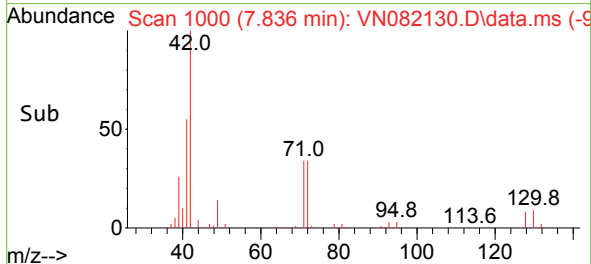
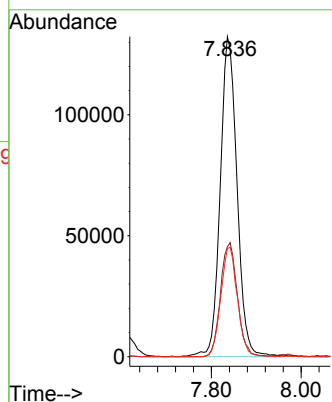
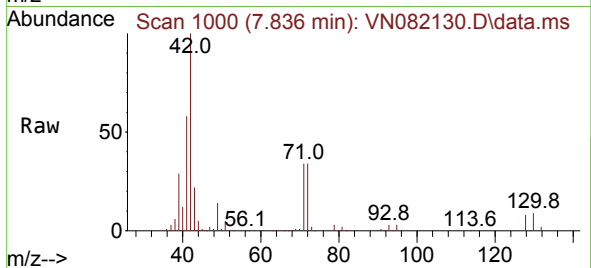
Tgt Ion: 42 Resp: 343814

Ion Ratio Lower Upper

42 100

72 35.8 39.3 58.9#

71 33.7 37.4 56.0#



#30

Chloroform

Concen: 49.761 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082130.D

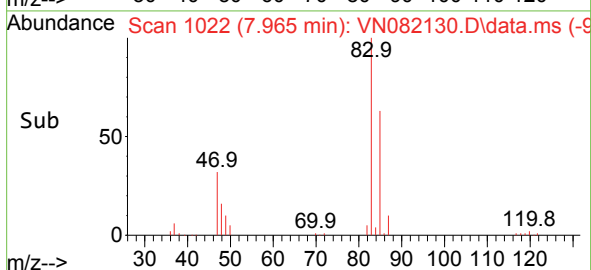
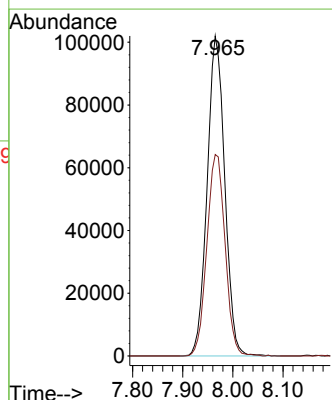
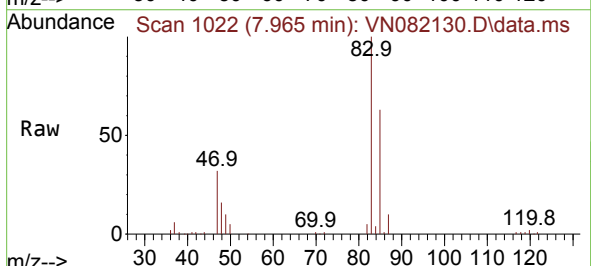
Acq: 15 May 2024 13:49

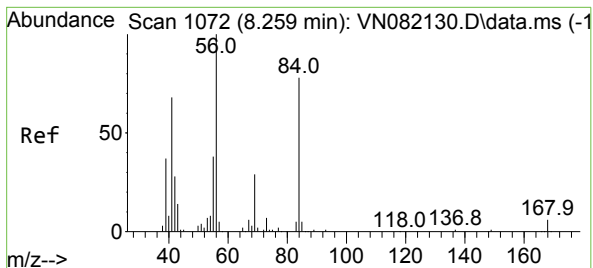
Tgt Ion: 83 Resp: 248790

Ion Ratio Lower Upper

83 100

85 62.9 50.7 76.1





#31

Cyclohexane

Concen: 46.405 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

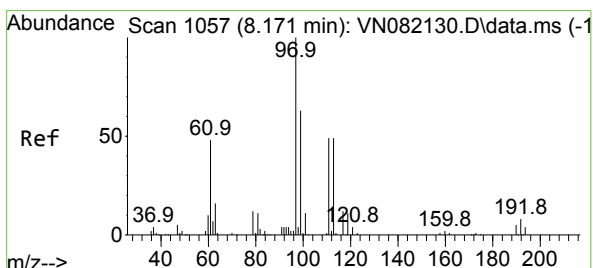
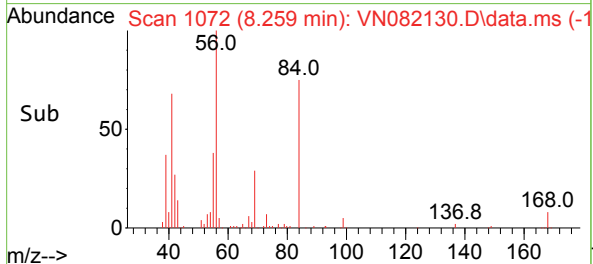
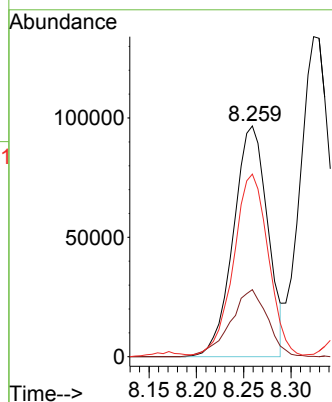
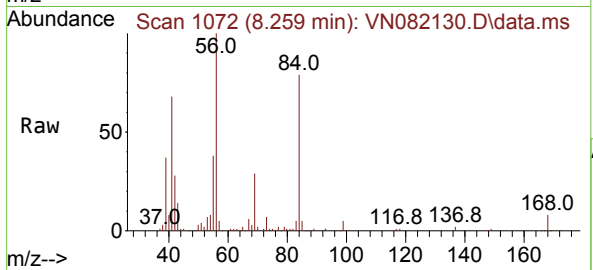
Tgt Ion: 56 Resp: 243472

Ion Ratio Lower Upper

56 100

69 29.1 24.4 36.6

84 77.9 77.0 115.4



#32

1,1,1-Trichloroethane

Concen: 51.347 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

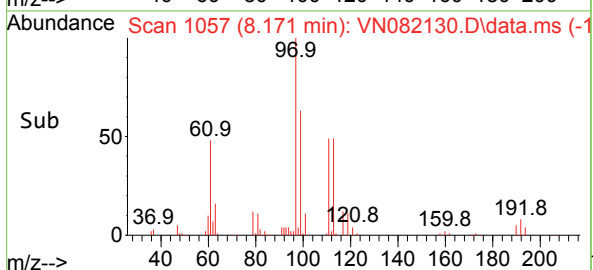
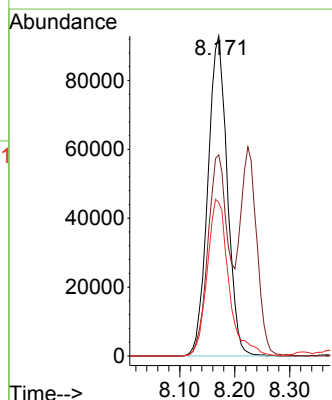
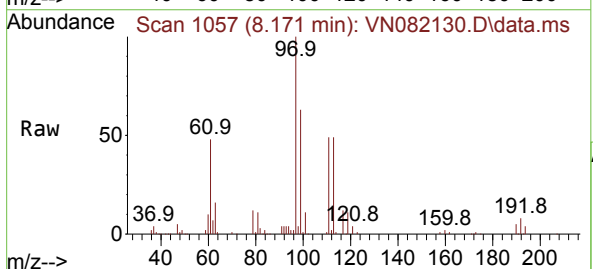
Tgt Ion: 97 Resp: 227750

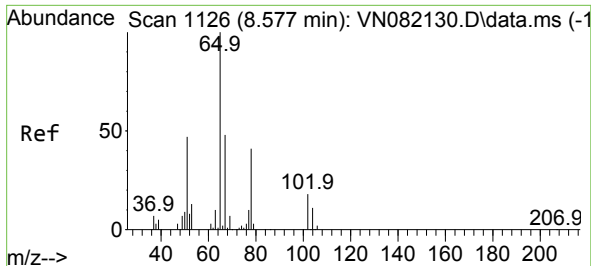
Ion Ratio Lower Upper

97 100

99 66.6 50.3 75.5

61 54.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.879 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

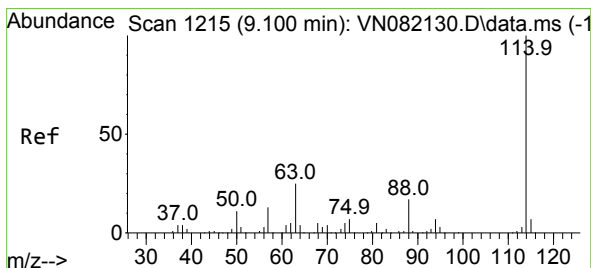
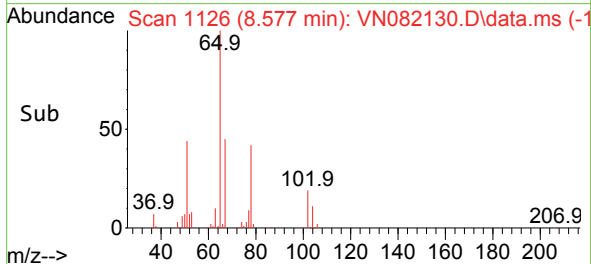
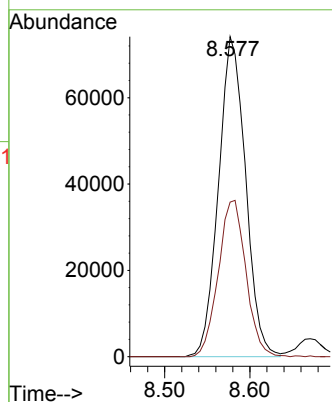
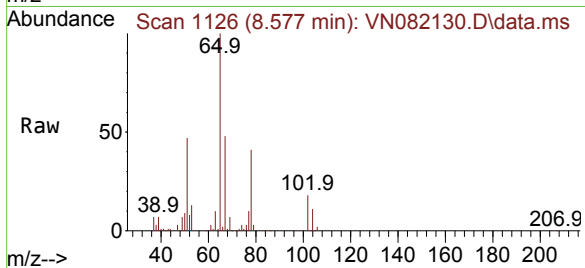
VSTDICCC050

Tgt Ion: 65 Resp: 163855

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

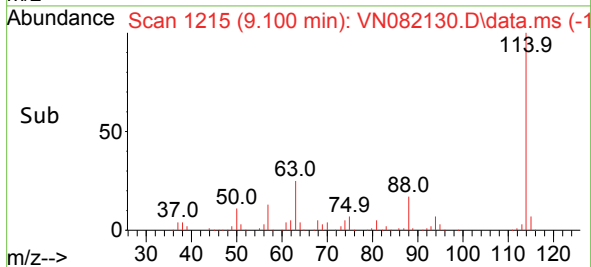
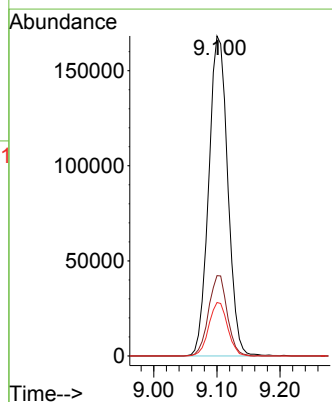
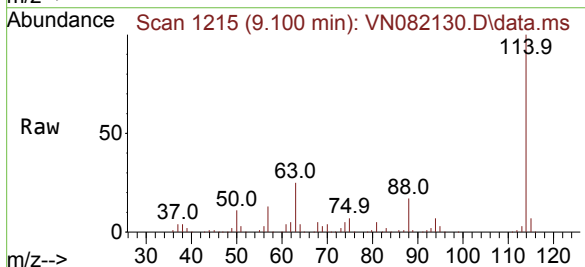
Tgt Ion: 114 Resp: 352589

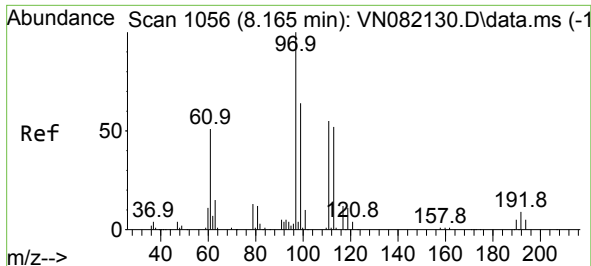
Ion Ratio Lower Upper

114 100

63 25.1 0.0 41.0

88 16.7 0.0 31.4

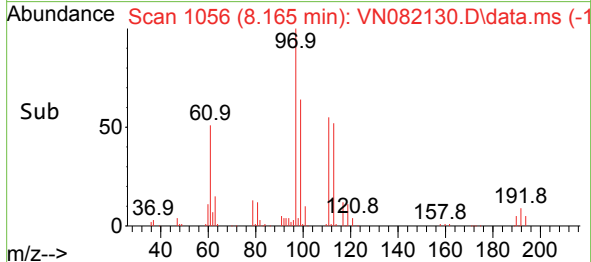
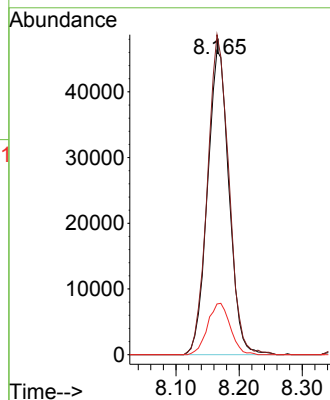
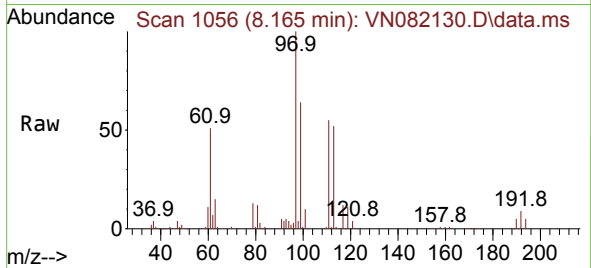




#35  
Dibromofluoromethane  
Concen: 50.740 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

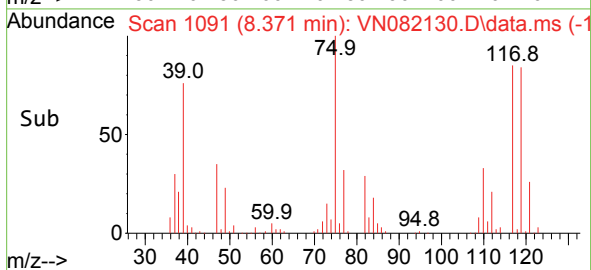
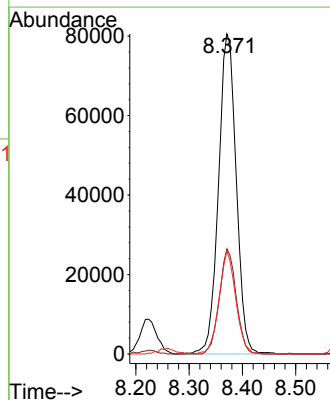
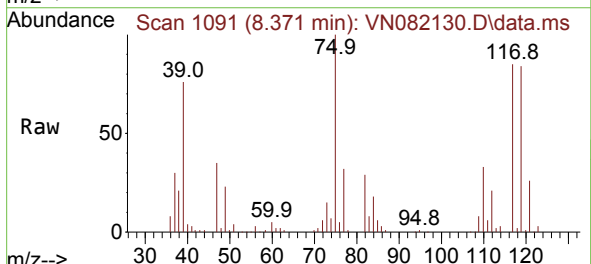
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion:113 Resp: 110054  
Ion Ratio Lower Upper  
113 100  
111 104.3 83.4 125.2  
192 17.7 14.0 21.0



#36  
1,1-Dichloropropene  
Concen: 51.250 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 75 Resp: 186432  
Ion Ratio Lower Upper  
75 100  
110 31.1 17.8 53.5  
77 30.3 25.0 37.4

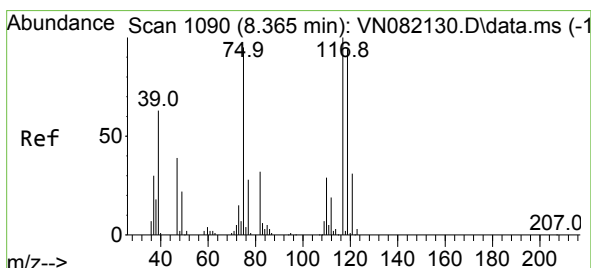
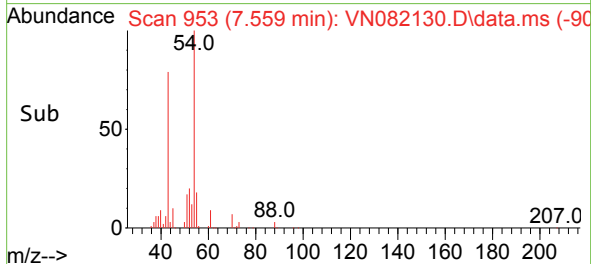
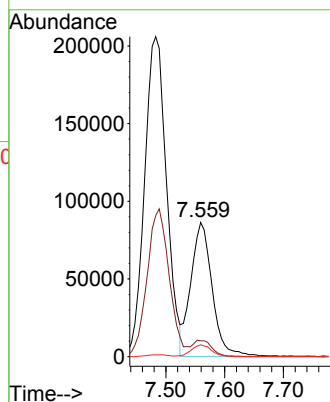
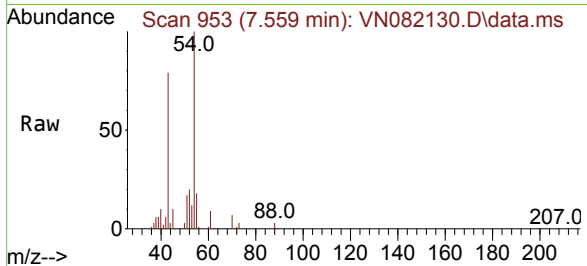




#37  
Ethyl Acetate  
Concen: 53.621 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

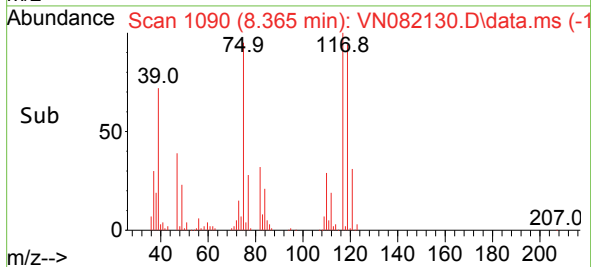
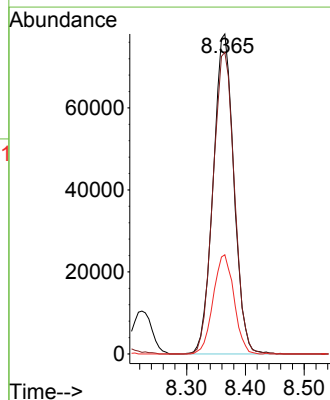
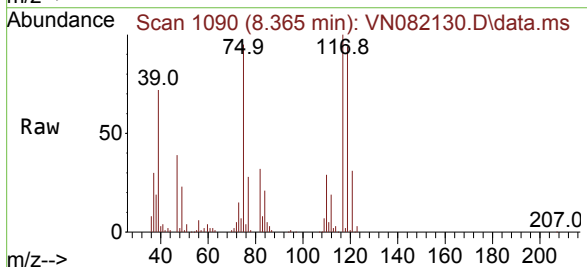
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

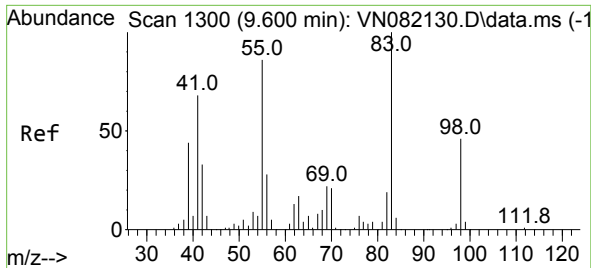
Tgt Ion: 43 Resp: 218292  
Ion Ratio Lower Upper  
43 100  
61 10.6 11.3 16.9#  
70 8.4 8.7 13.1#



#38  
Carbon Tetrachloride  
Concen: 51.757 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 117 Resp: 190859  
Ion Ratio Lower Upper  
117 100  
119 94.2 76.5 114.7  
121 31.0 23.9 35.9

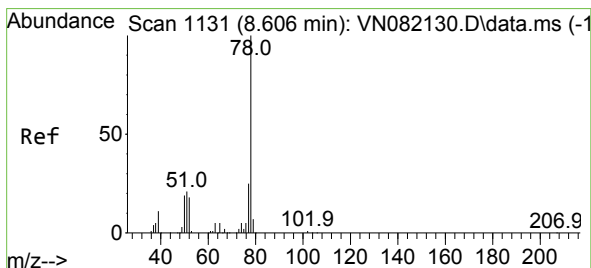
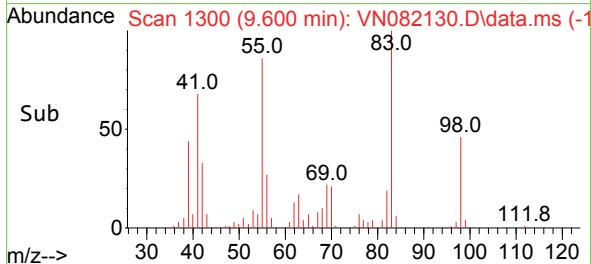
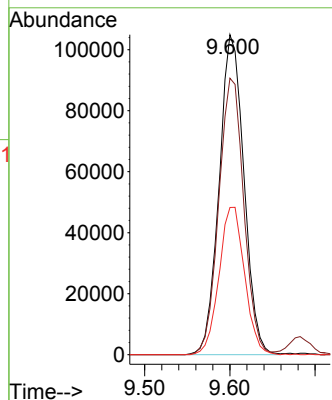
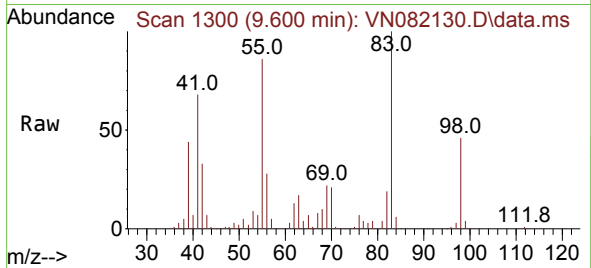




#39  
Methylcyclohexane  
Concen: 53.240 ug/l  
RT: 9.600 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

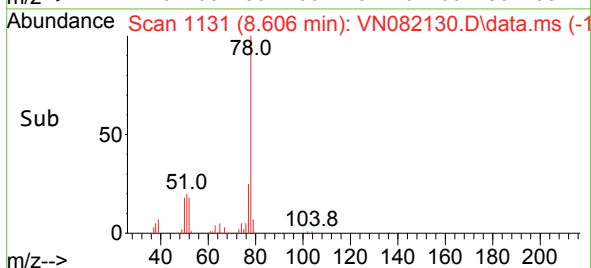
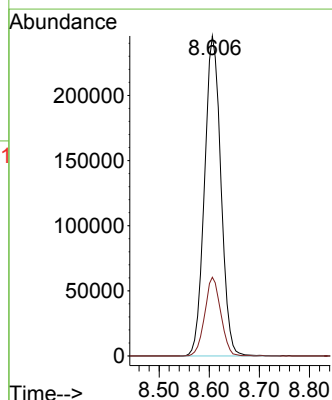
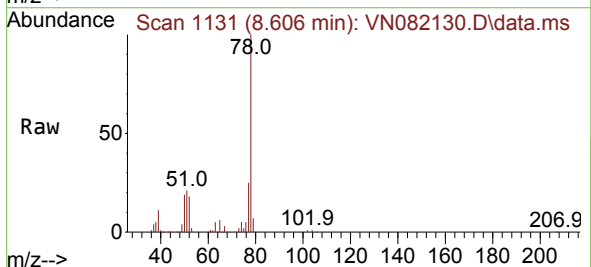
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

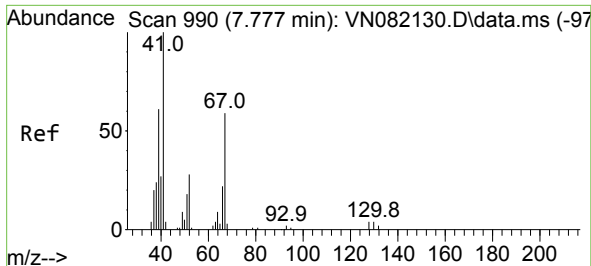
Tgt Ion: 83 Resp: 212288  
Ion Ratio Lower Upper  
83 100  
55 86.4 53.0 79.6#  
98 46.0 37.1 55.7



#40  
Benzene  
Concen: 51.327 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 78 Resp: 556775  
Ion Ratio Lower Upper  
78 100  
77 24.6 20.0 30.0

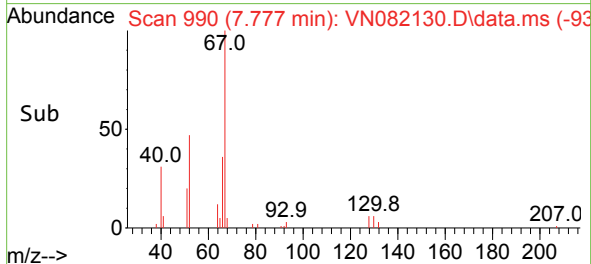
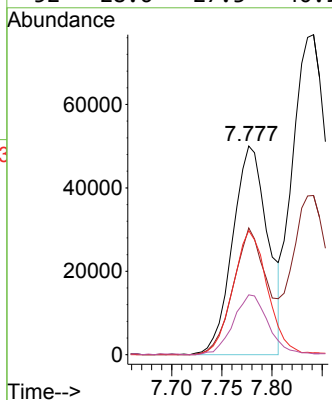
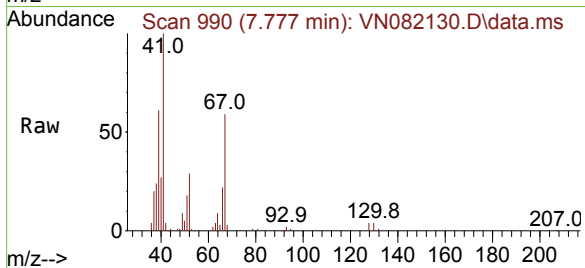




#41  
Methacrylonitrile  
Concen: 51.245 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

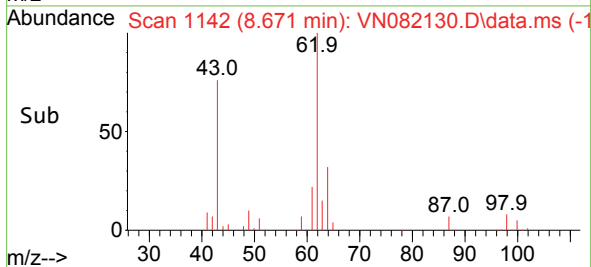
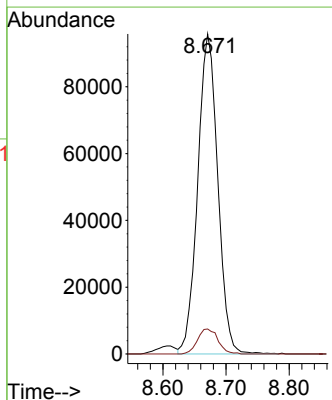
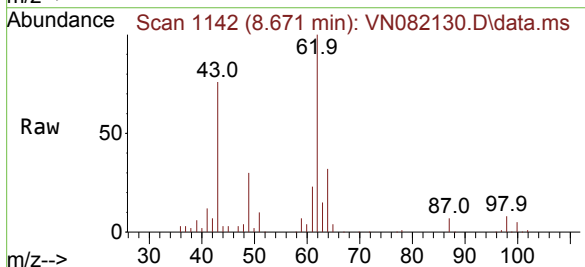
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 122692 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 58.5  | 46.6  | 69.8   |
| 67       | 58.5  | 67.3  | 100.9# |
| 52       | 28.6  | 27.3  | 40.9   |



#42  
1,2-Dichloroethane  
Concen: 50.683 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 211449 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.0   | 0.0   | 19.6   |

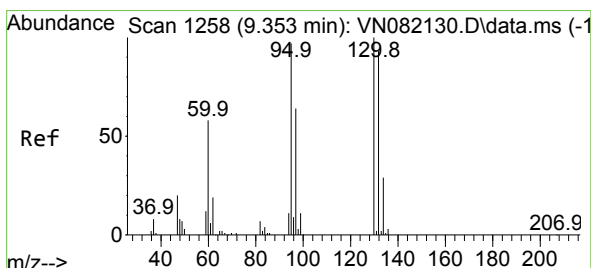
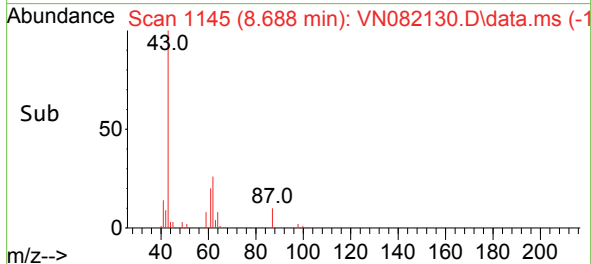
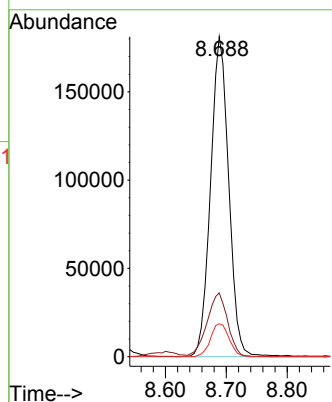
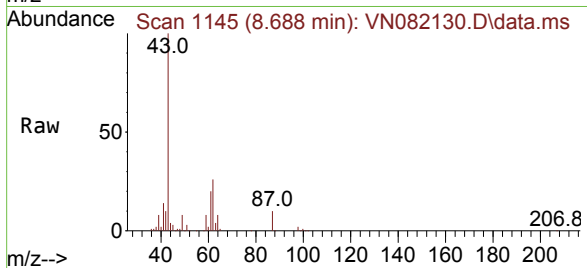




#43  
Isopropyl Acetate  
Concen: 52.022 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

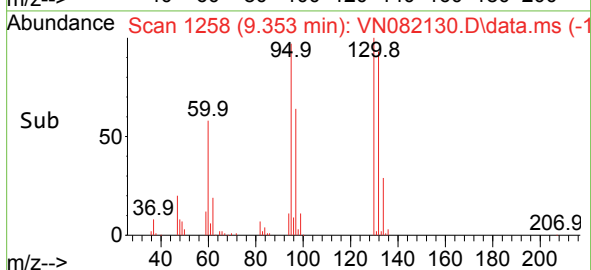
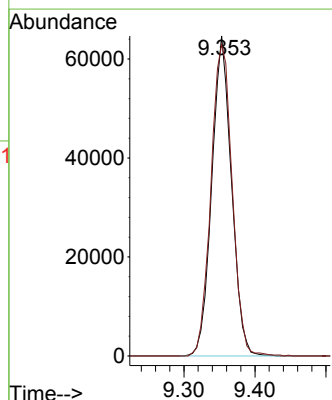
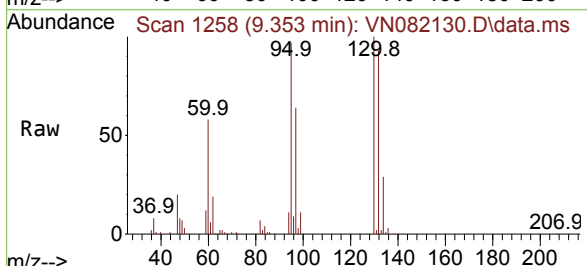
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 43 Resp: 375268  
Ion Ratio Lower Upper  
43 100  
61 22.6 22.8 34.2#  
87 10.6 12.0 18.0#



#44  
Trichloroethene  
Concen: 50.366 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion:130 Resp: 124107  
Ion Ratio Lower Upper  
130 100  
95 97.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 50.993 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

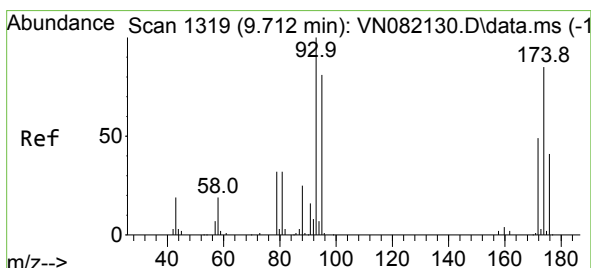
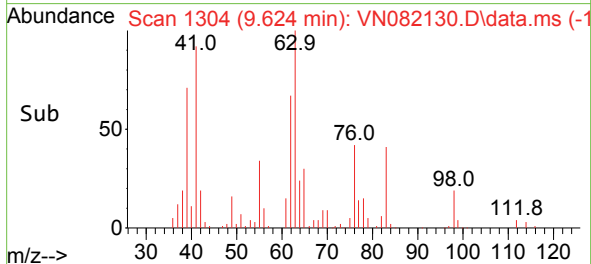
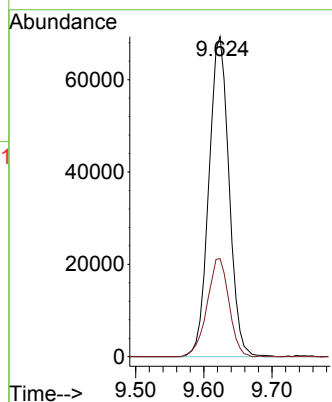
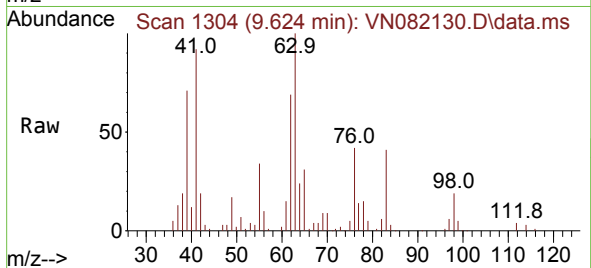
VSTDICCC050

Tgt Ion: 63 Resp: 142720

Ion Ratio Lower Upper

63 100

65 30.6 24.1 36.1



#46

Dibromomethane

Concen: 51.035 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

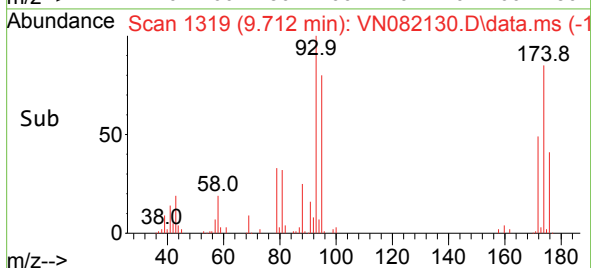
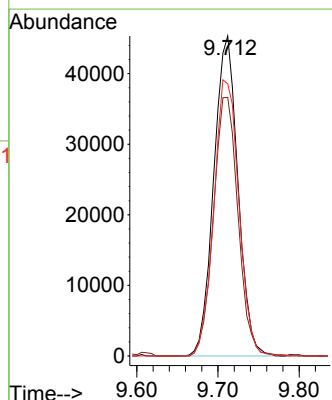
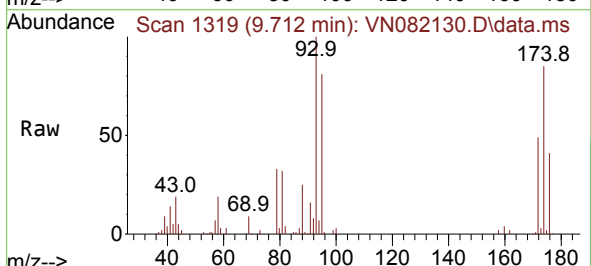
Tgt Ion: 93 Resp: 93777

Ion Ratio Lower Upper

93 100

95 82.0 64.8 97.2

174 89.3 73.4 110.0





#47

Bromodichloromethane

Concen: 52.161 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

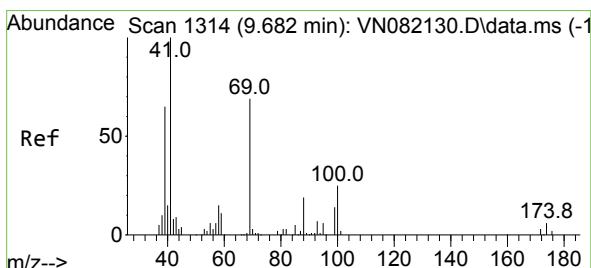
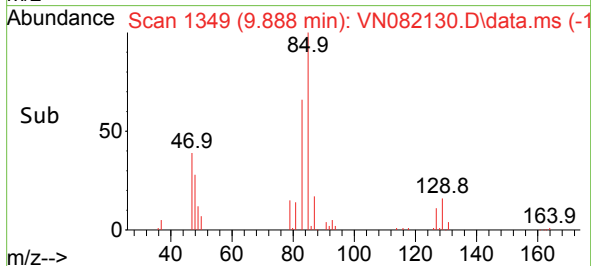
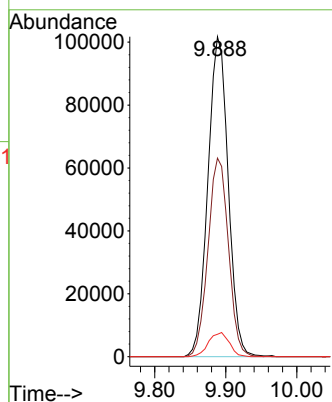
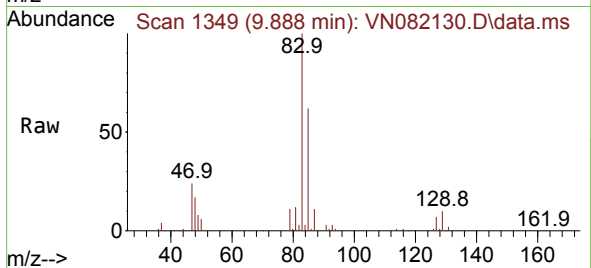
Tgt Ion: 83 Resp: 202339

Ion Ratio Lower Upper

83 100

85 62.1 51.9 77.9

127 7.0 7.5 11.3#



#48

Methyl methacrylate

Concen: 53.177 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

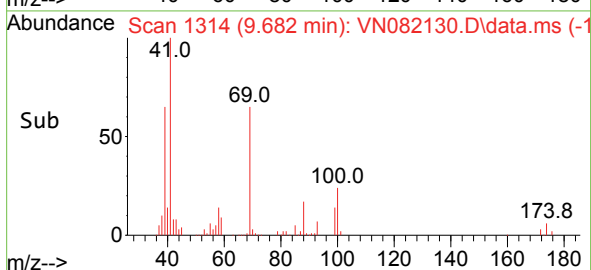
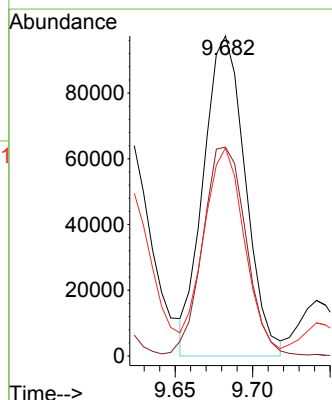
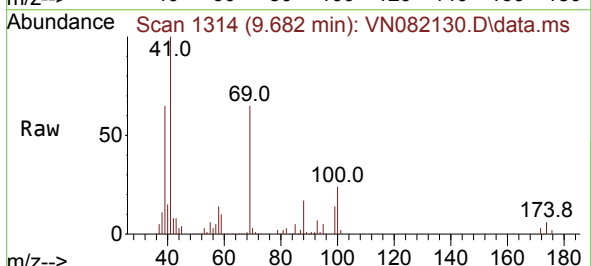
Tgt Ion: 41 Resp: 182783

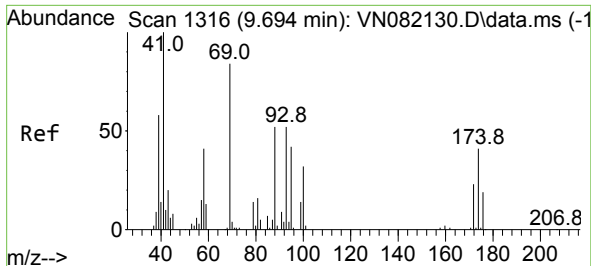
Ion Ratio Lower Upper

41 100

69 68.1 77.9 116.9#

39 63.9 50.9 76.3





#49

1,4-Dioxane

Concen: 1058.202 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

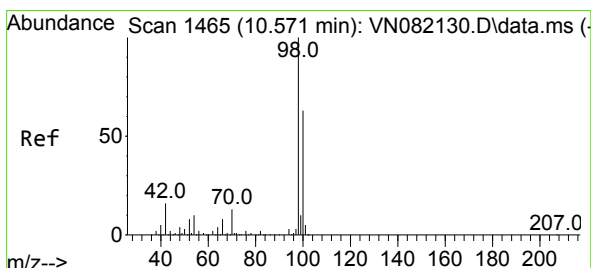
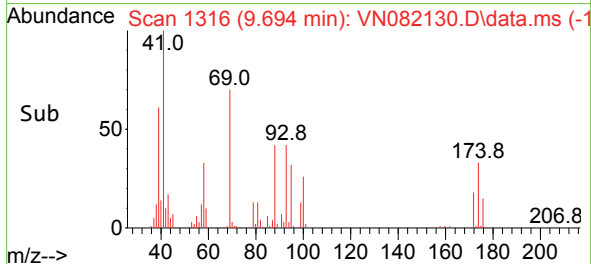
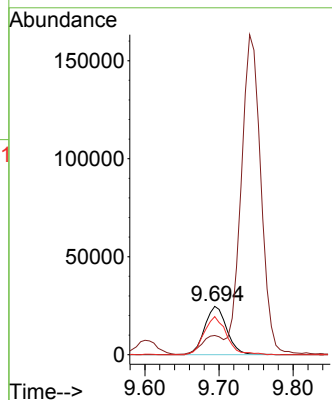
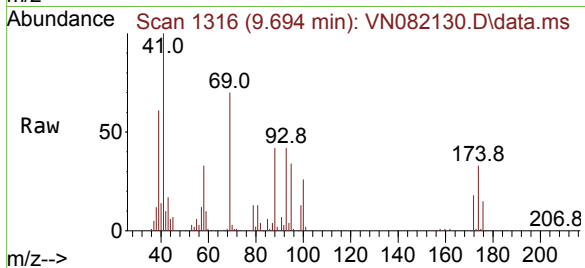
Tgt Ion: 88 Resp: 50969

Ion Ratio Lower Upper

88 100

43 37.3 19.0 28.6#

58 80.4 50.6 76.0#



#50

Toluene-d8

Concen: 51.564 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082130.D

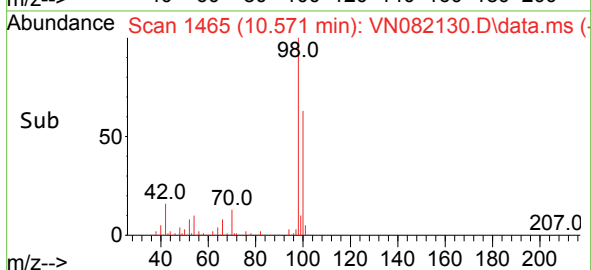
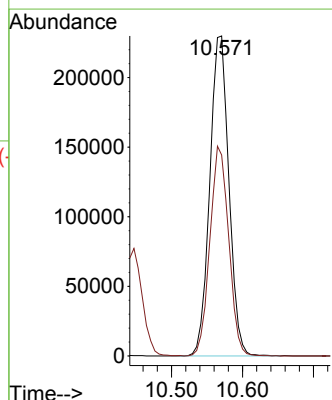
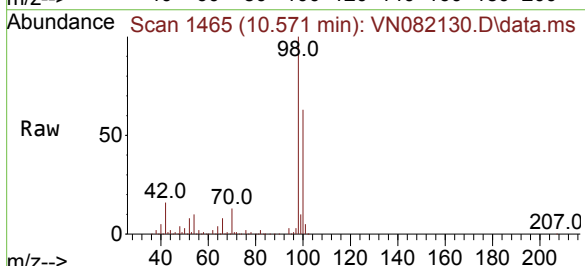
Acq: 15 May 2024 13:49

Tgt Ion: 98 Resp: 428787

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6

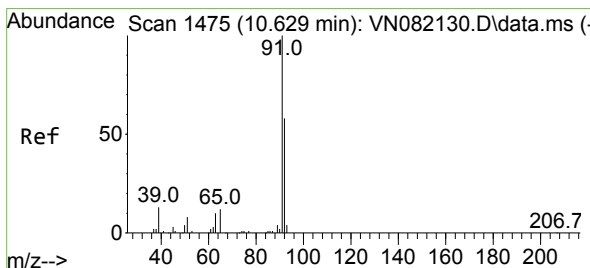
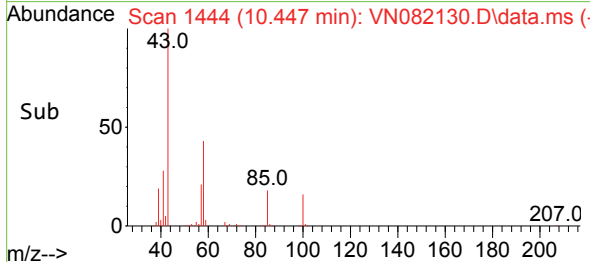
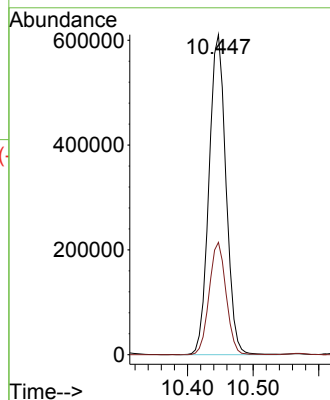
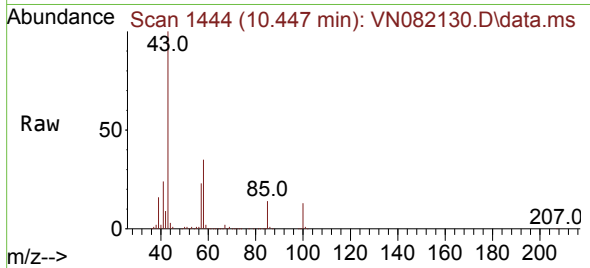




#51  
4-Methyl-2-Pentanone  
Concen: 268.319 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

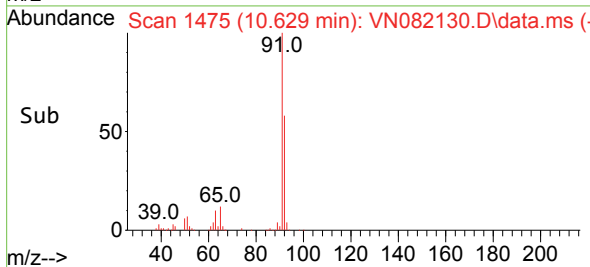
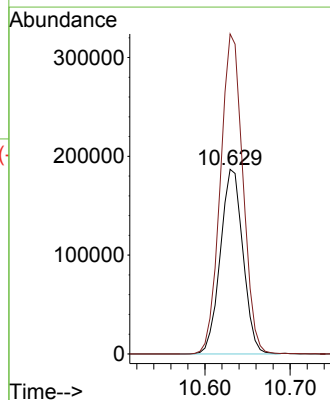
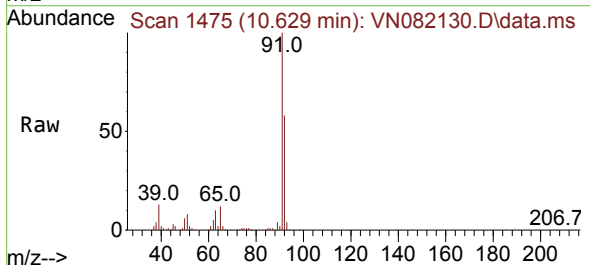
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MSVOA\_N  
ClientSampleId :  
VSTDICCC050

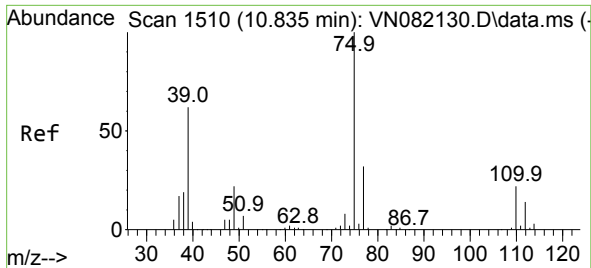
Tgt Ion: 43 Resp: 1099711  
Ion Ratio Lower Upper  
43 100  
58 35.0 33.2 49.8



#52  
Toluene  
Concen: 52.905 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 92 Resp: 344401  
Ion Ratio Lower Upper  
92 100  
91 173.1 136.7 205.1

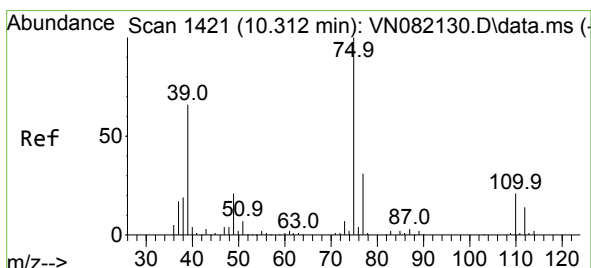
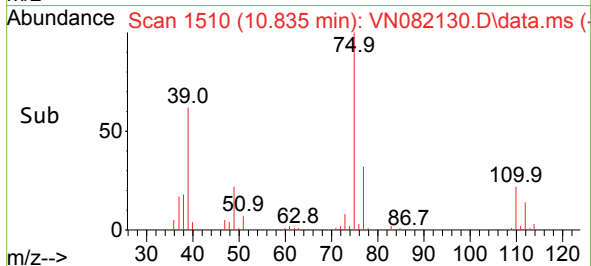
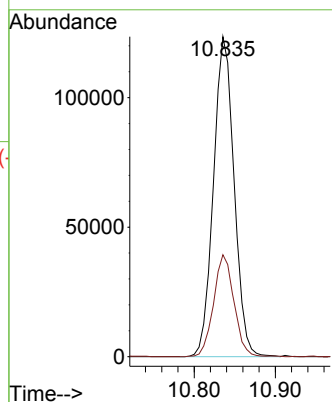
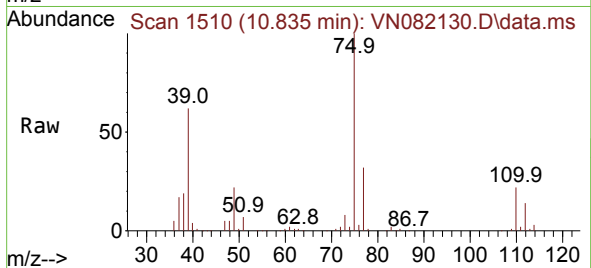




#53  
 t-1,3-Dichloropropene  
 Concen: 54.368 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN082130.D  
 Acq: 15 May 2024 13:49

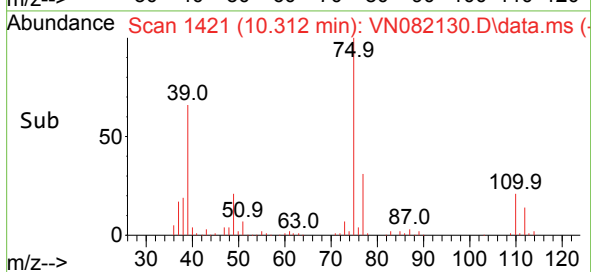
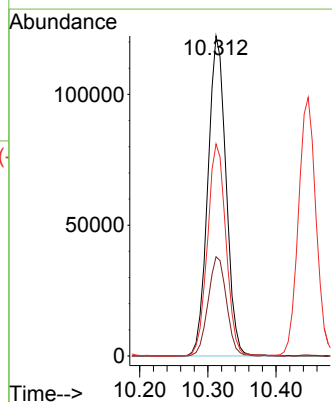
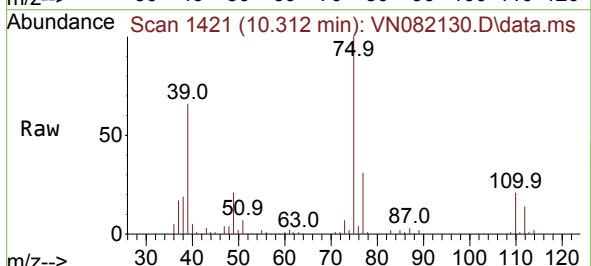
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

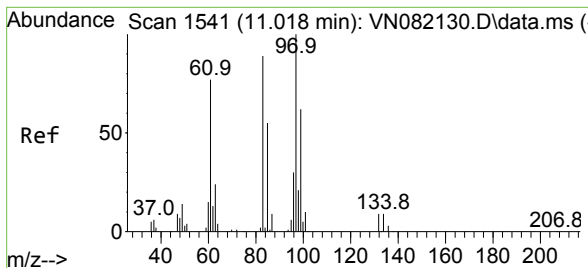
Tgt Ion: 75 Resp: 218121  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.446 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN082130.D  
 Acq: 15 May 2024 13:49

Tgt Ion: 75 Resp: 226970  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.0 37.4  
 39 66.1 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 50.987 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 120618

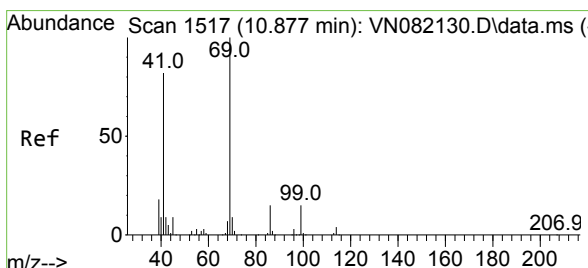
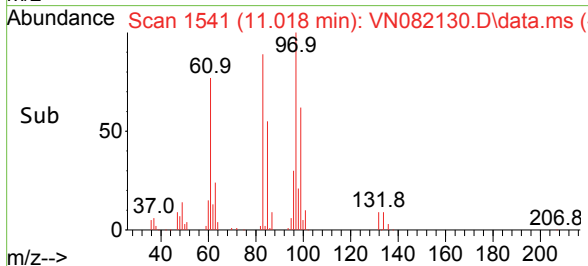
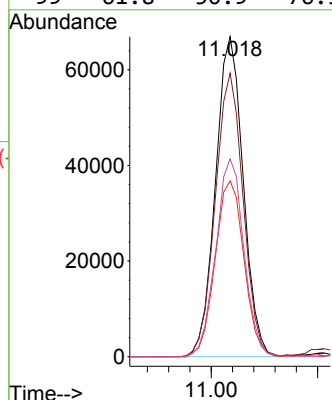
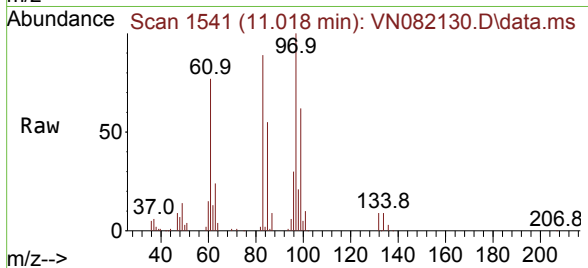
Ion Ratio Lower Upper

97 100

83 88.6 70.4 105.6

85 54.9 45.6 68.4

99 61.8 50.9 76.3



#56

Ethyl methacrylate

Concen: 55.955 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

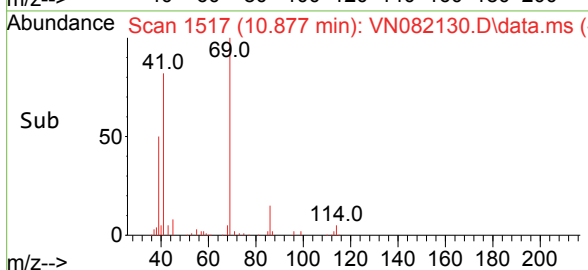
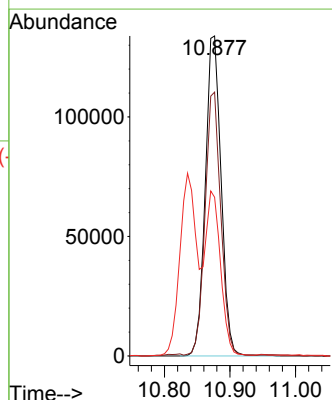
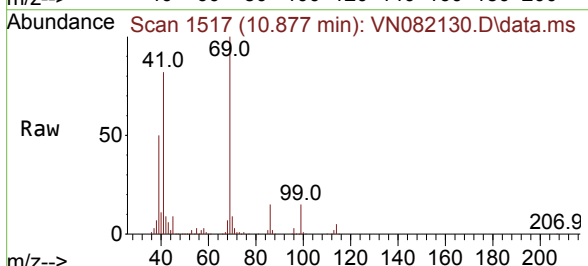
Tgt Ion: 69 Resp: 224741

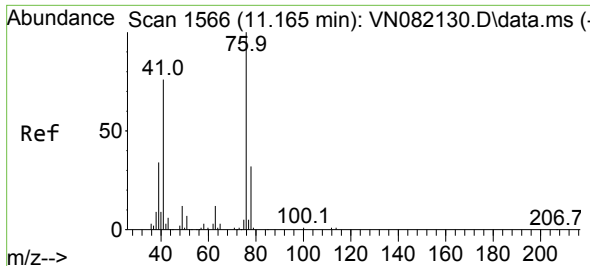
Ion Ratio Lower Upper

69 100

41 81.9 46.6 70.0#

39 51.0 26.5 39.7#

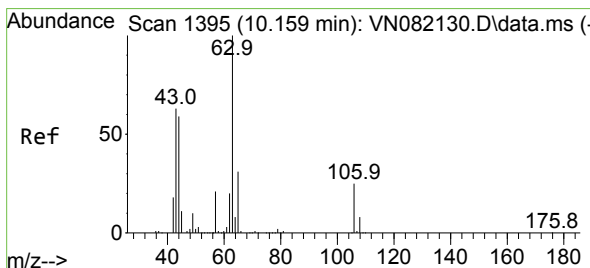
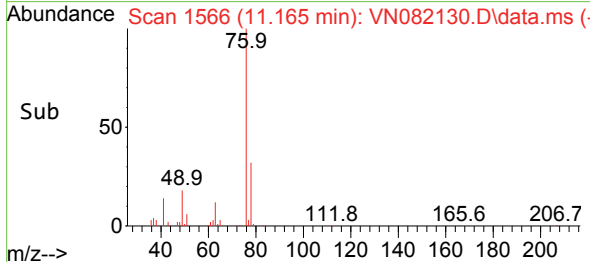
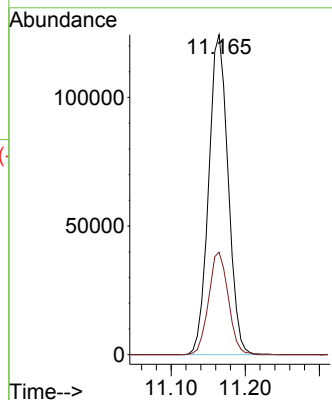
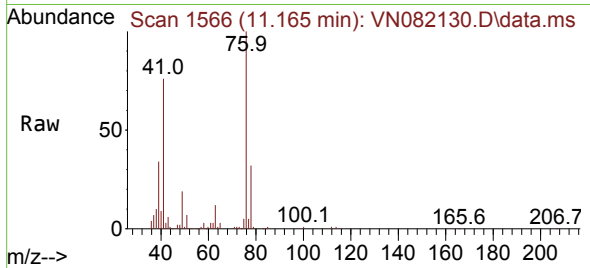




#57  
1,3-Dichloropropane  
Concen: 51.200 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

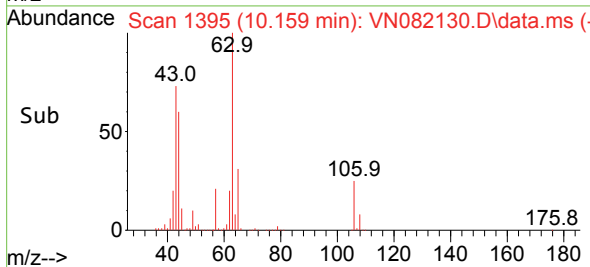
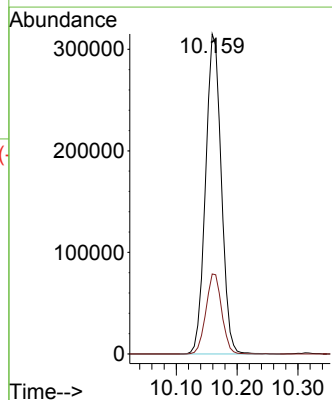
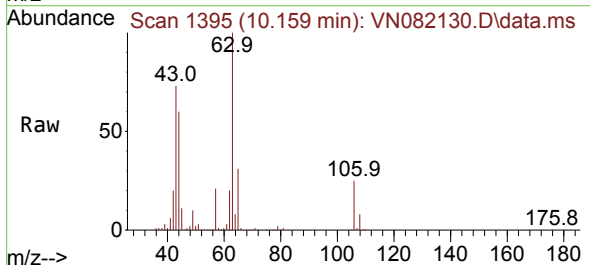
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

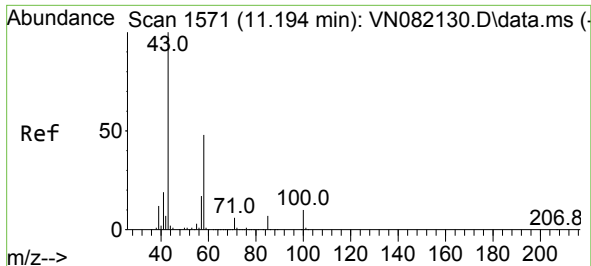
Tgt Ion: 76 Resp: 226465  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 272.758 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 63 Resp: 565068  
Ion Ratio Lower Upper  
63 100  
106 25.1 24.6 36.8

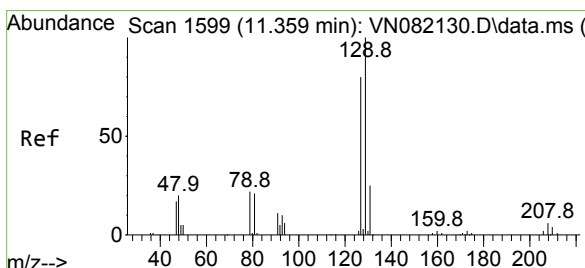
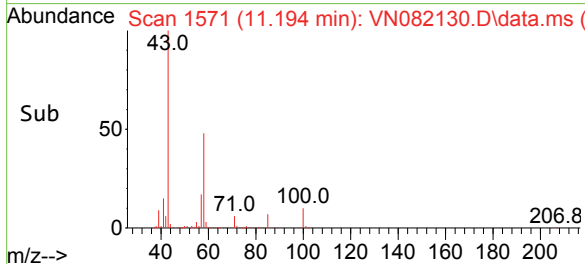
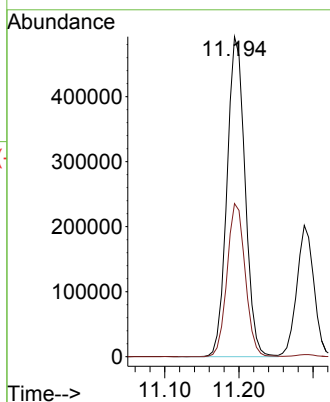
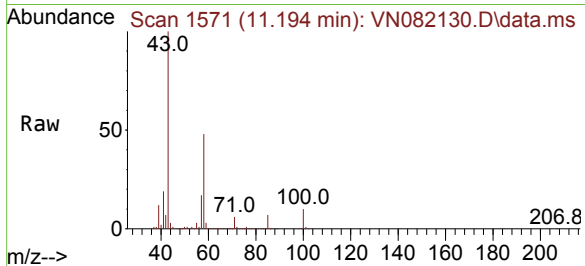




#59  
2-Hexanone  
Concen: 277.461 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

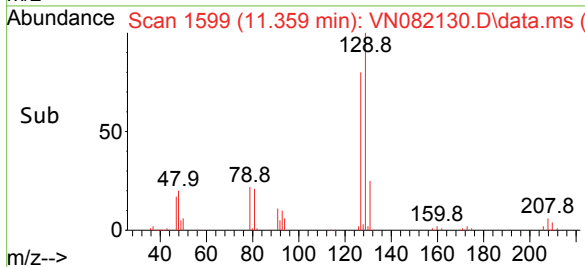
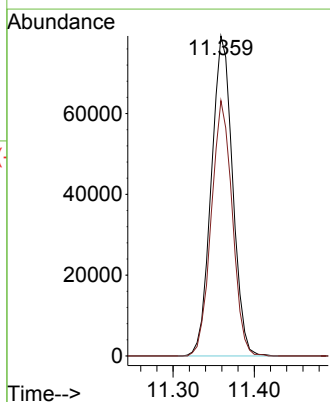
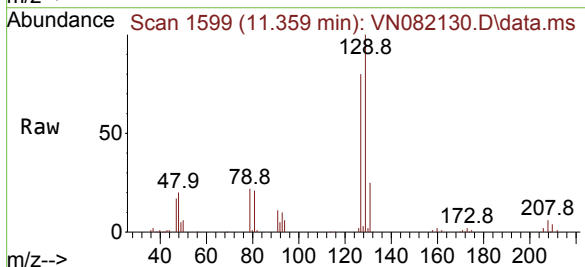
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

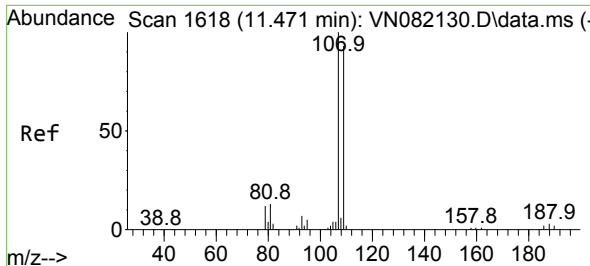
Tgt Ion: 43 Resp: 832651  
Ion Ratio Lower Upper  
43 100  
58 48.1 28.3 84.9



#60  
Dibromochloromethane  
Concen: 55.332 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 129 Resp: 144454  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.3 114.8

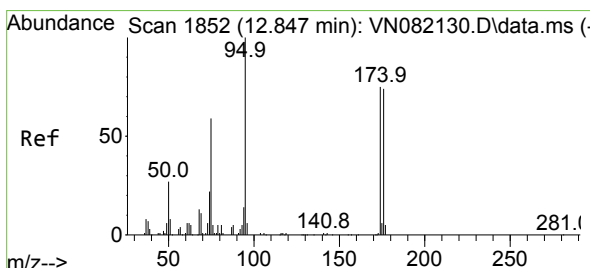
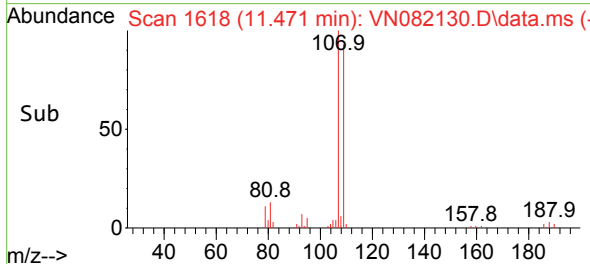
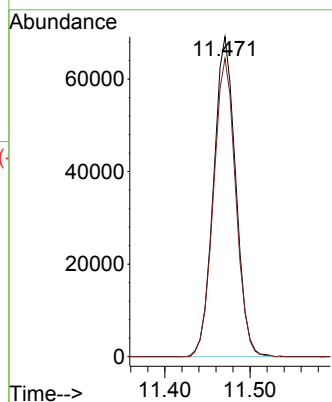
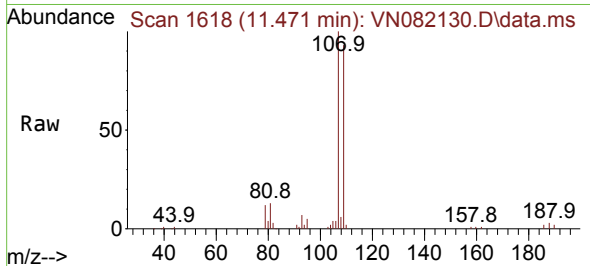




#61  
1,2-Dibromoethane  
Concen: 51.329 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

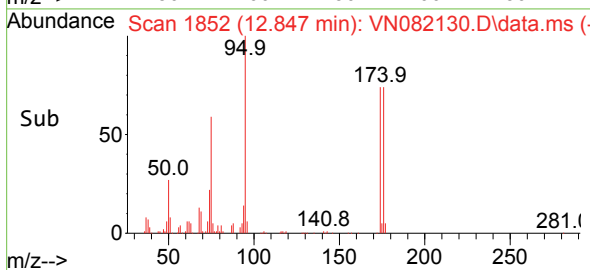
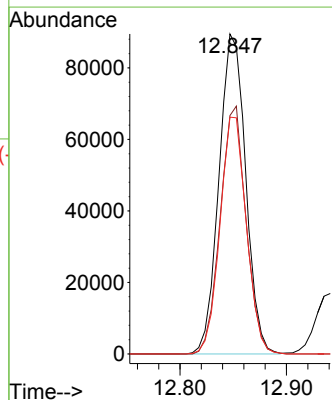
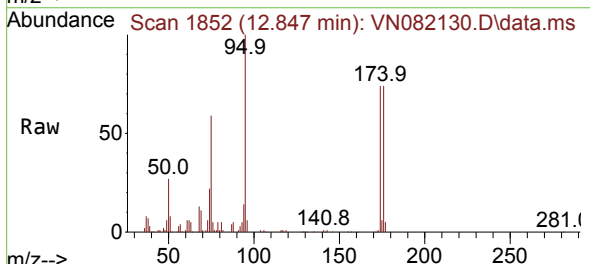
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

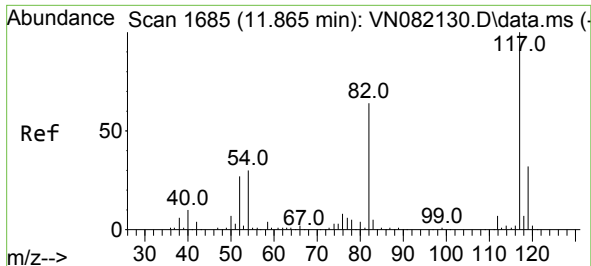
Tgt Ion:107 Resp: 124723  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.8 113.6



#62  
4-Bromofluorobenzene  
Concen: 52.513 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 95 Resp: 155862  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 160.6  
176 72.9 0.0 152.8

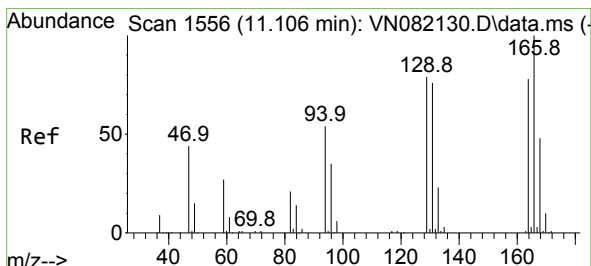
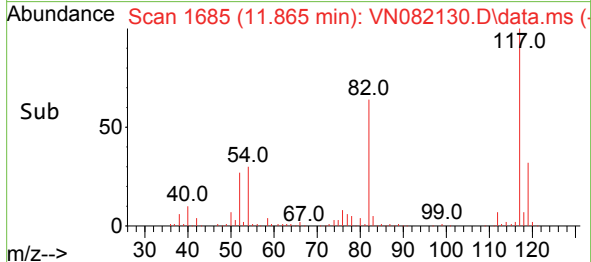
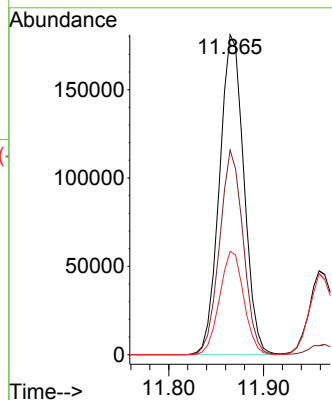
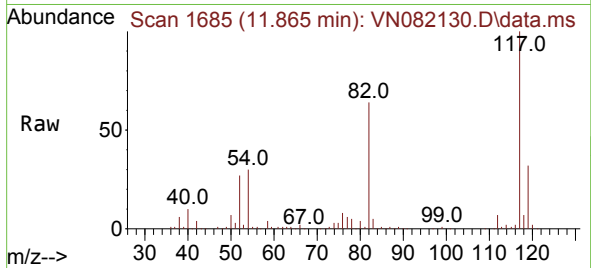




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

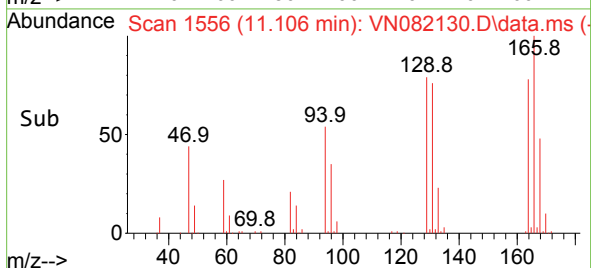
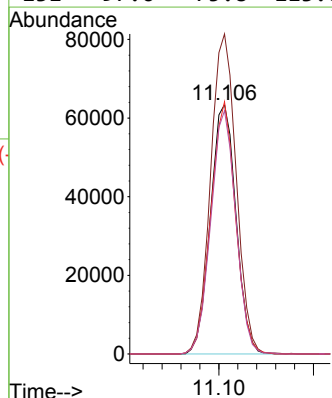
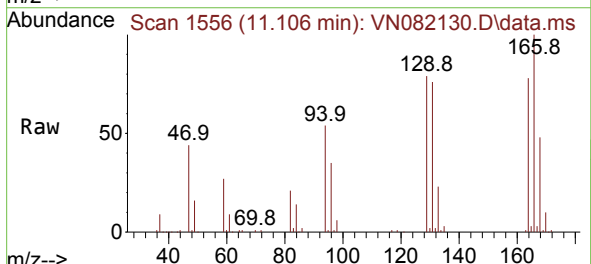
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

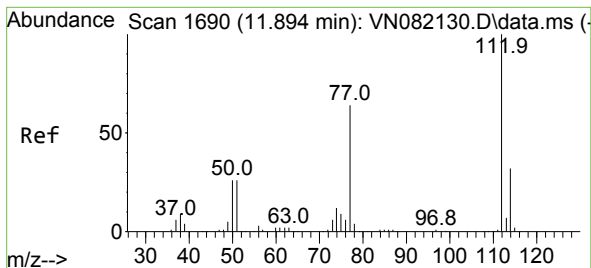
Tgt Ion:117 Resp: 324363  
Ion Ratio Lower Upper  
117 100  
82 63.9 44.6 66.8  
119 32.3 25.9 38.9



#64  
Tetrachloroethene  
Concen: 49.536 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion:164 Resp: 119092  
Ion Ratio Lower Upper  
164 100  
166 128.3 97.6 146.4  
129 101.1 73.7 110.5  
131 97.6 75.8 113.6





#65

Chlorobenzene

Concen: 50.465 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

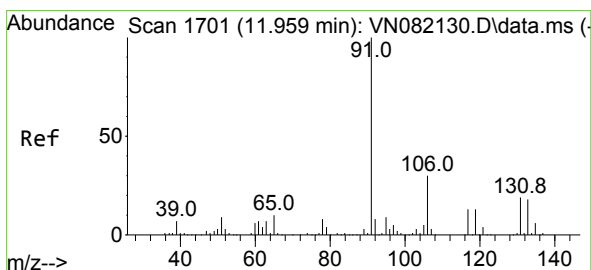
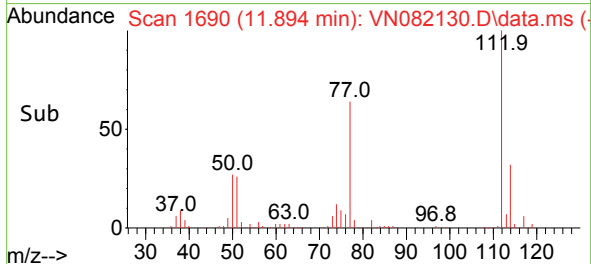
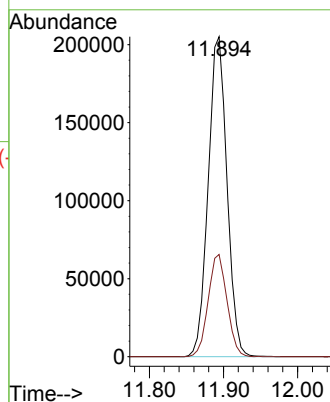
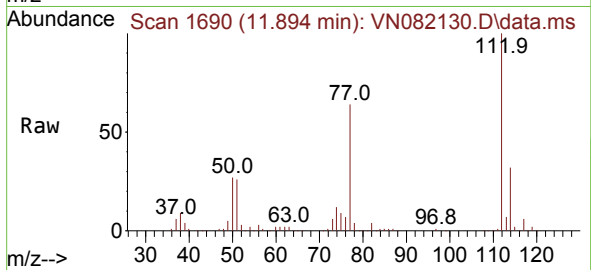
VSTDICCC050

Tgt Ion:112 Resp: 361616

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 52.262 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

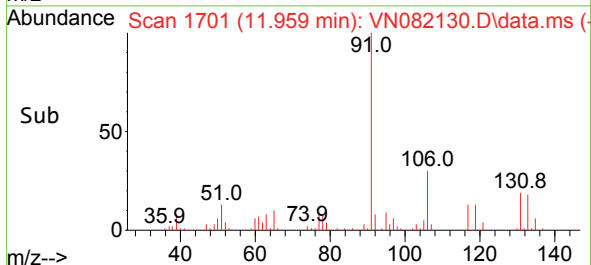
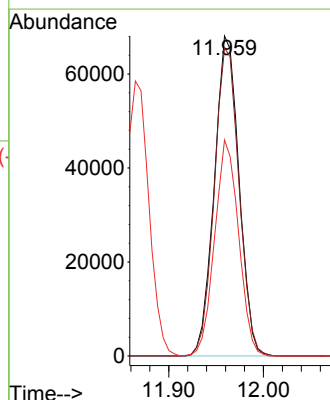
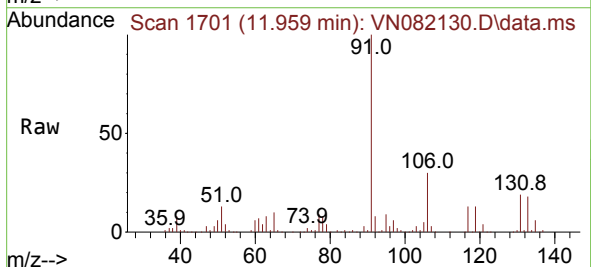
Tgt Ion:131 Resp: 123356

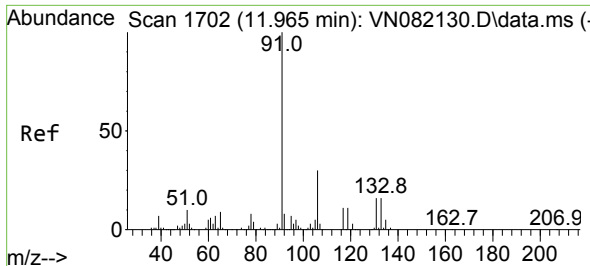
Ion Ratio Lower Upper

131 100

133 96.5 47.5 142.6

119 65.6 32.9 98.7

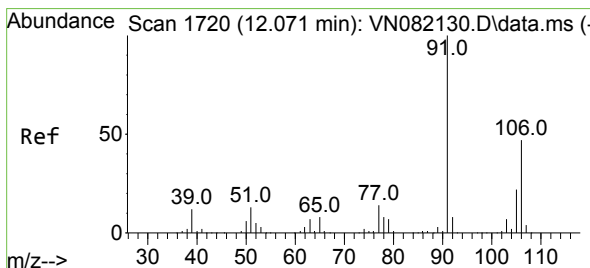
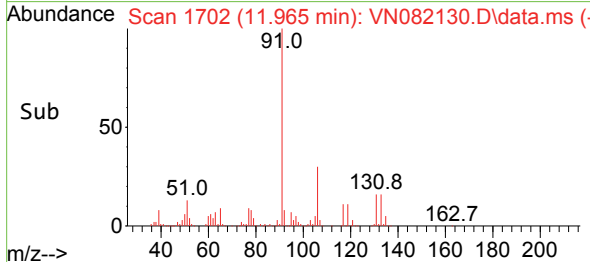
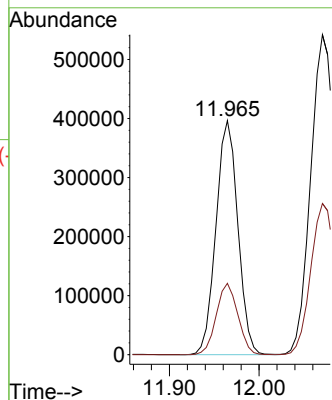
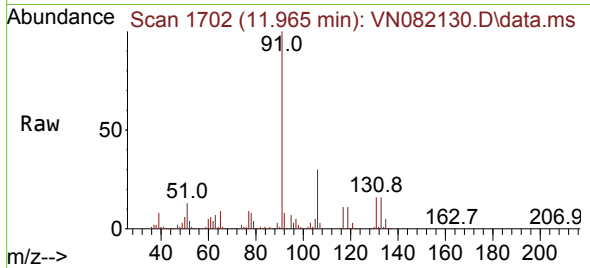




#67  
Ethyl Benzene  
Concen: 52.373 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

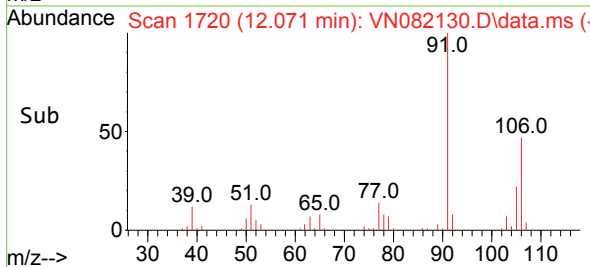
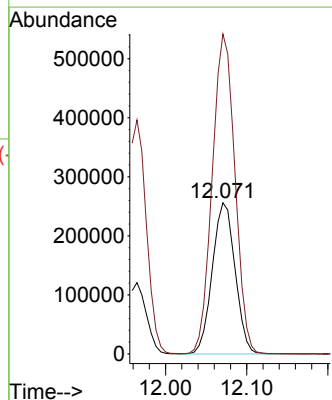
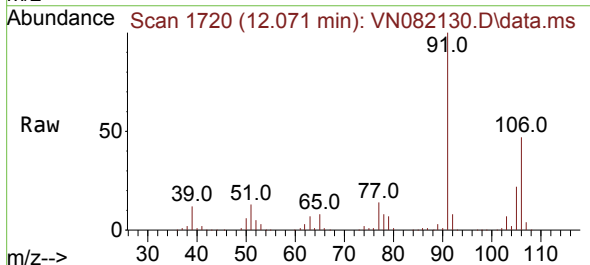
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

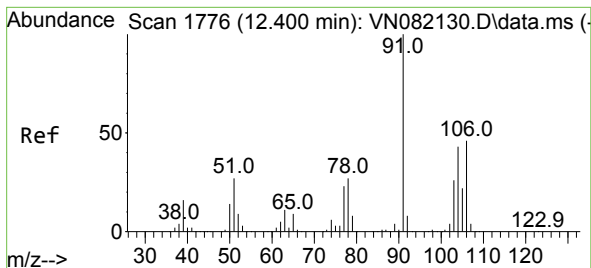
Tgt Ion: 91 Resp: 671341  
Ion Ratio Lower Upper  
91 100  
106 30.5 25.3 37.9



#68  
m/p-Xylenes  
Concen: 106.284 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion:106 Resp: 499323  
Ion Ratio Lower Upper  
106 100  
91 210.8 159.4 239.0





#69

o-Xylene

Concen: 53.091 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

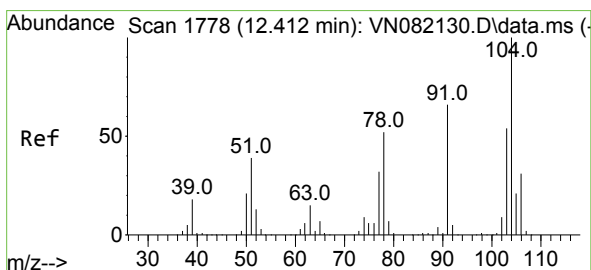
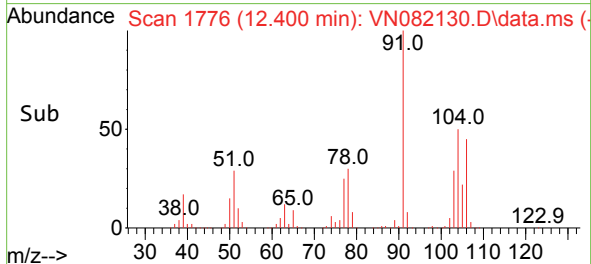
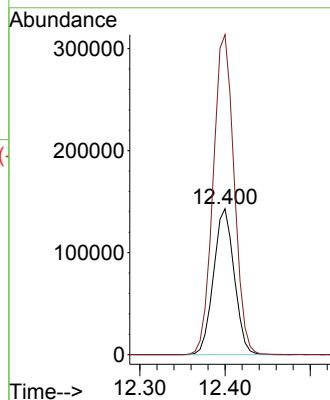
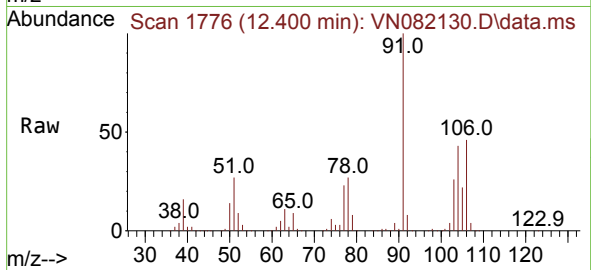
VSTDICCC050

Tgt Ion:106 Resp: 241606

Ion Ratio Lower Upper

106 100

91 222.5 104.7 314.1



#70

Styrene

Concen: 54.291 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

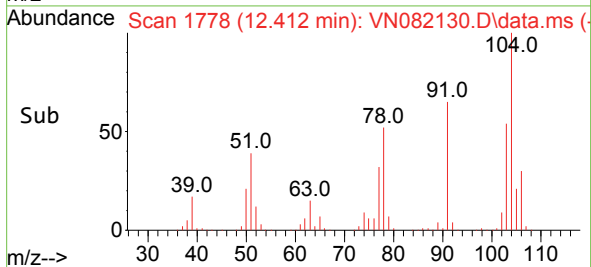
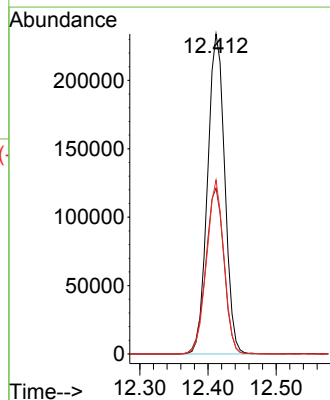
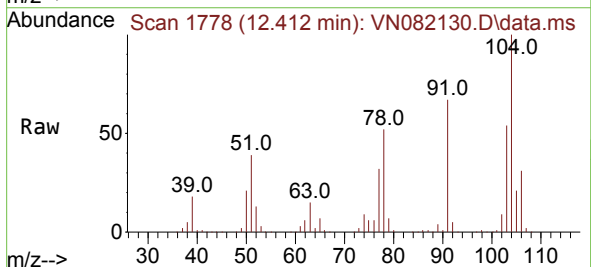
Tgt Ion:104 Resp: 410383

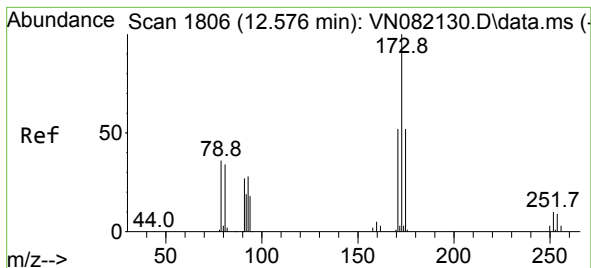
Ion Ratio Lower Upper

104 100

78 54.9 38.6 58.0

103 54.8 43.8 65.6





#71

Bromoform

Concen: 50.122 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

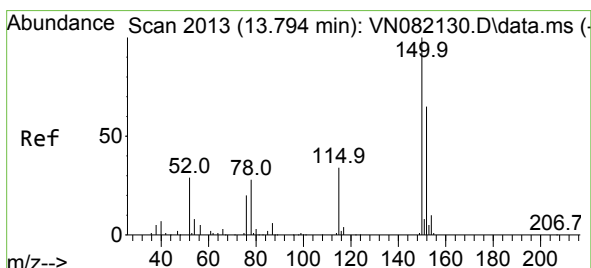
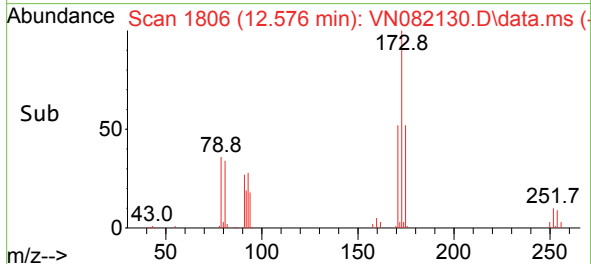
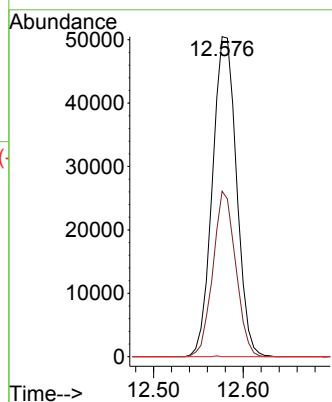
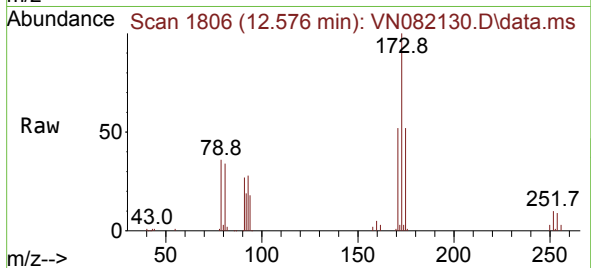
Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 94096     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 48.8  | 24.6 74.0 |
| 254         | 0.1   | 0.0 0.0#  |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

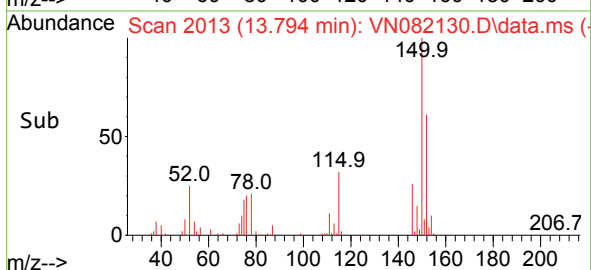
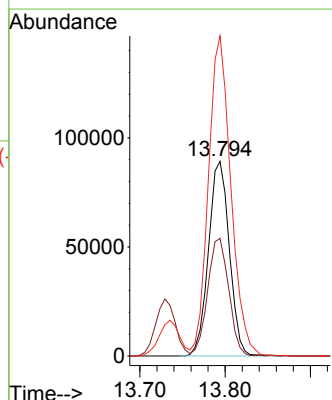
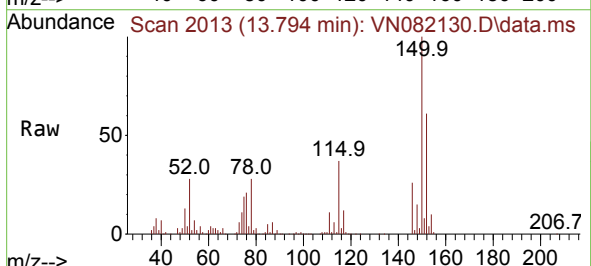
RT: 13.794 min Scan# 2013

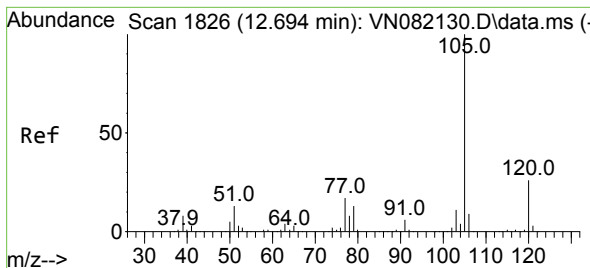
Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 151604    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 61.1  | 30.4 91.3 |
| 150         | 176.9 | 0.0 353.2 |





#73

Isopropylbenzene

Concen: 51.973 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

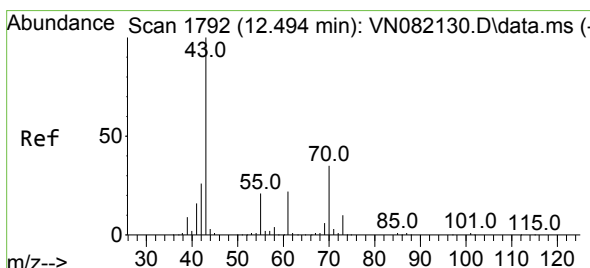
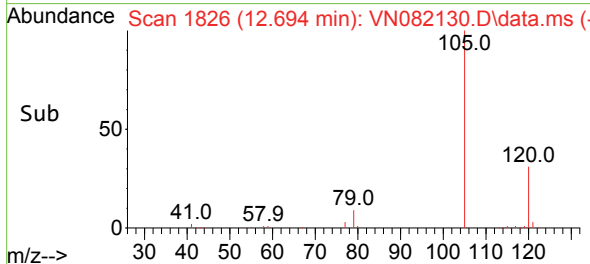
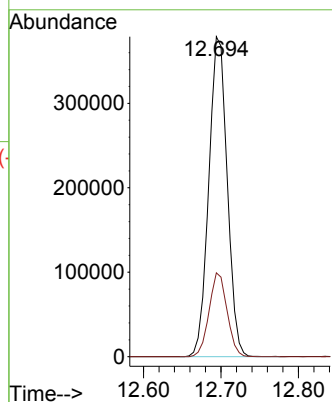
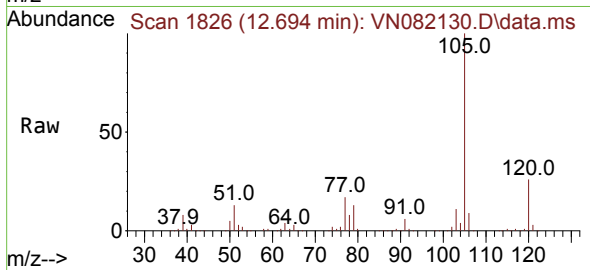
VSTDICCC050

Tgt Ion:105 Resp: 625967

Ion Ratio Lower Upper

105 100

120 25.5 13.4 40.1



#74

N-ethyl acetate

Concen: 51.707 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Tgt Ion: 43 Resp: 342555

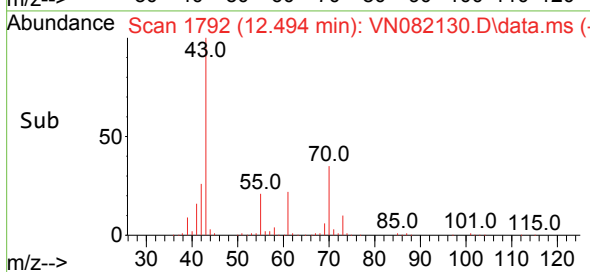
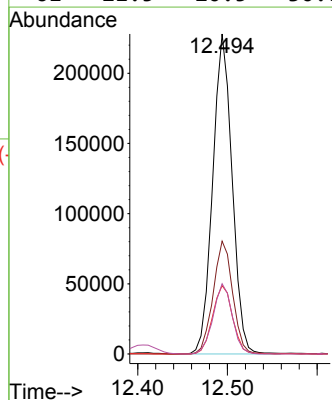
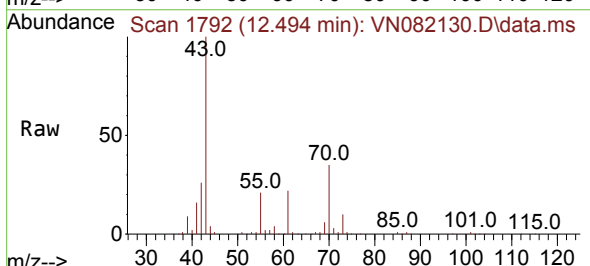
Ion Ratio Lower Upper

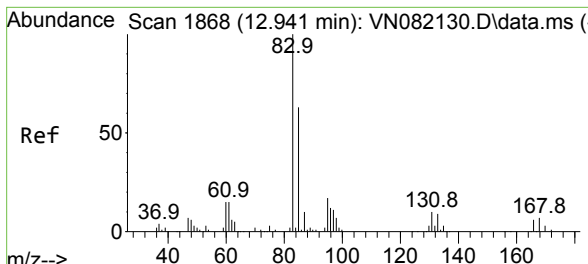
43 100

70 35.5 39.0 58.4#

55 21.9 21.3 31.9

61 21.5 20.5 30.7

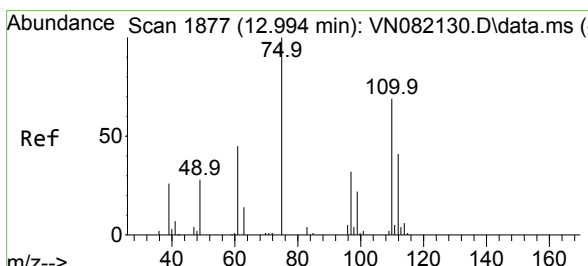
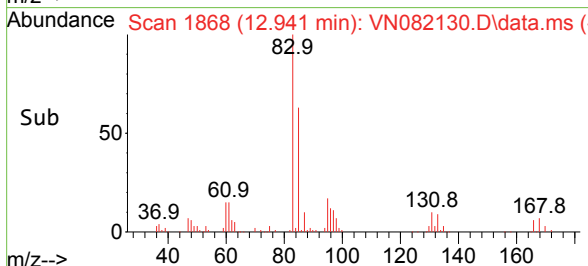
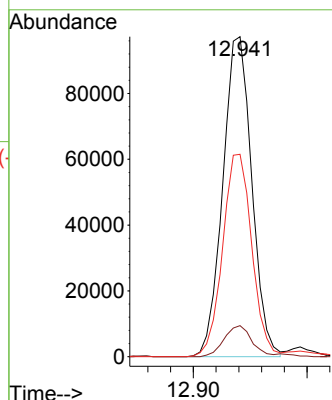
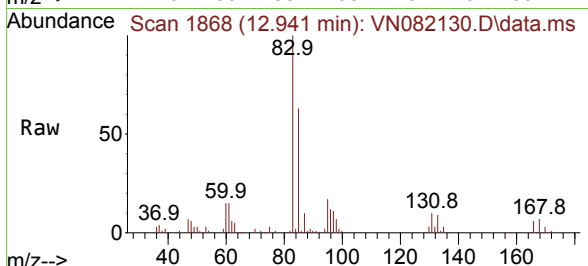




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 49.624 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. 0.000 min  
 Lab File: VN082130.D  
 Acq: 15 May 2024 13:49

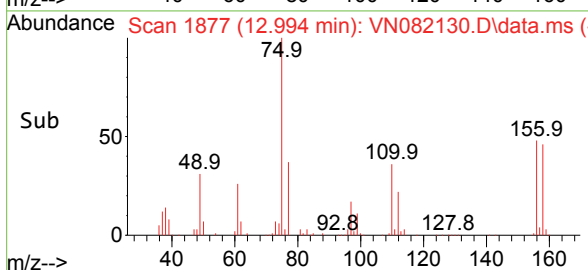
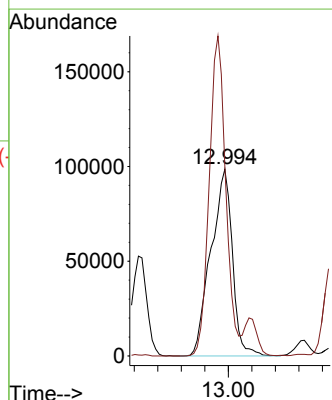
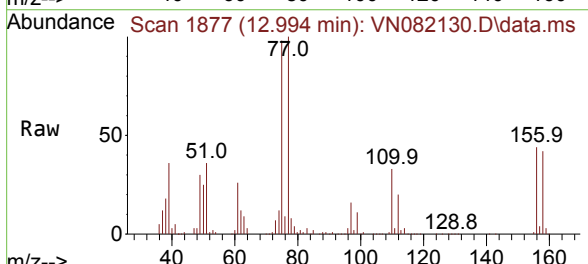
Instrument :  
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 ClientSampleId :  
 VSTDICCC050

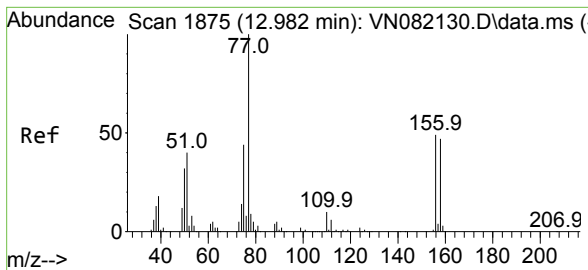
Tgt Ion: 83 Resp: 172289  
 Ion Ratio Lower Upper  
 83 100  
 131 9.8 5.5 16.4  
 85 63.6 32.9 98.6



#76  
 1,2,3-Trichloropropane  
 Concen: 78.644 ug/l  
 RT: 12.994 min Scan# 1877  
 Delta R.T. 0.000 min  
 Lab File: VN082130.D  
 Acq: 15 May 2024 13:49

Tgt Ion: 75 Resp: 250590  
 Ion Ratio Lower Upper  
 75 100  
 77 131.6 90.5 271.3

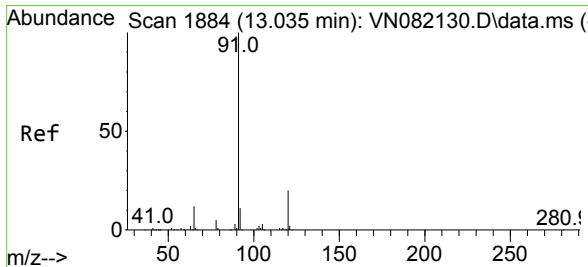
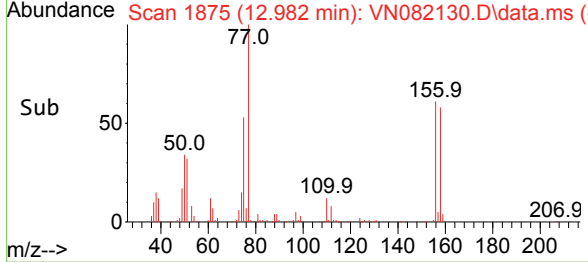
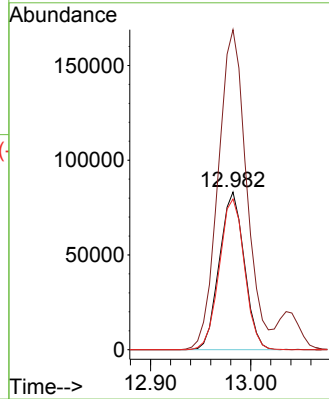
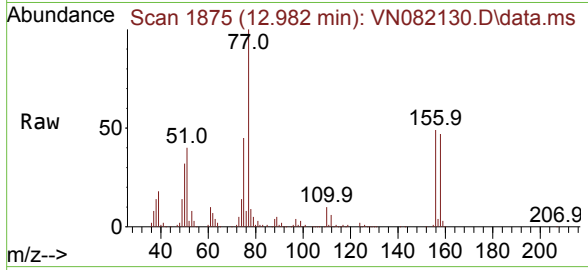




#77  
Bromobenzene  
Concen: 49.961 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

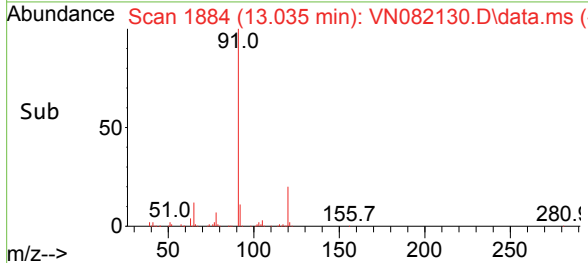
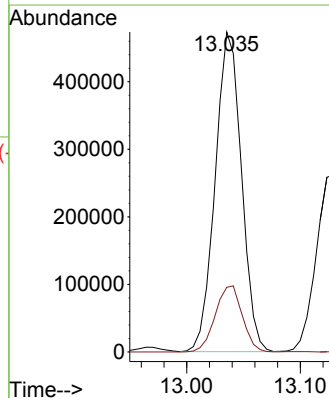
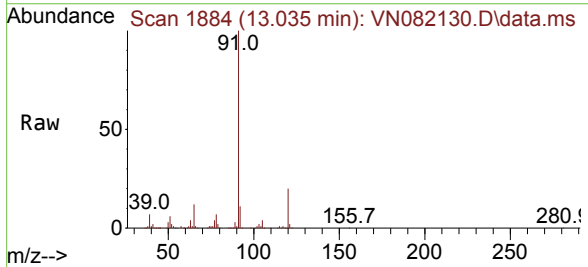
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

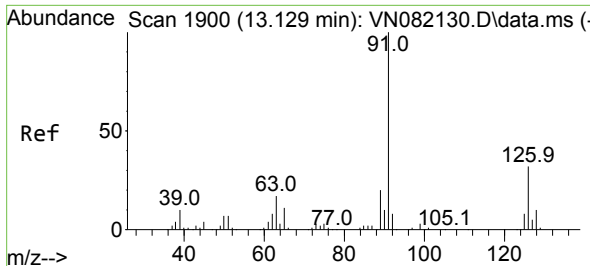
Tgt Ion:156 Resp: 143402  
Ion Ratio Lower Upper  
156 100  
77 230.0 100.2 300.6  
158 96.4 49.1 147.3



#78  
n-propylbenzene  
Concen: 53.207 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 91 Resp: 758852  
Ion Ratio Lower Upper  
91 100  
120 21.3 11.7 35.0

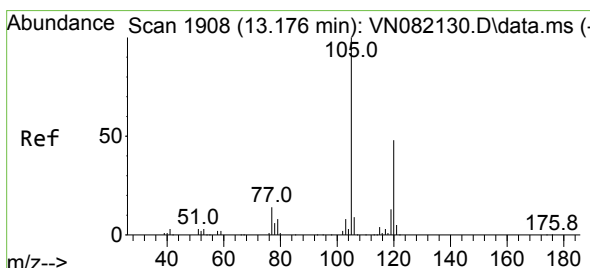
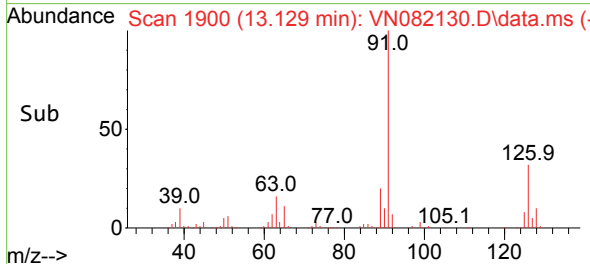
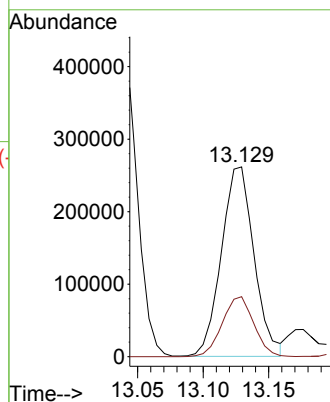
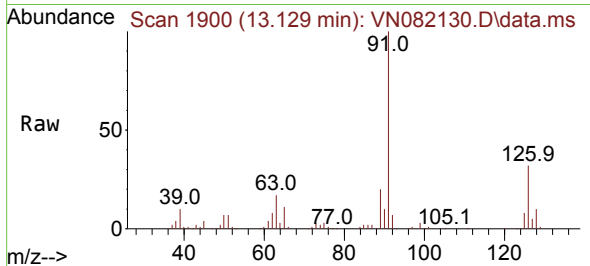




#79  
2-Chlorotoluene  
Concen: 50.667 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

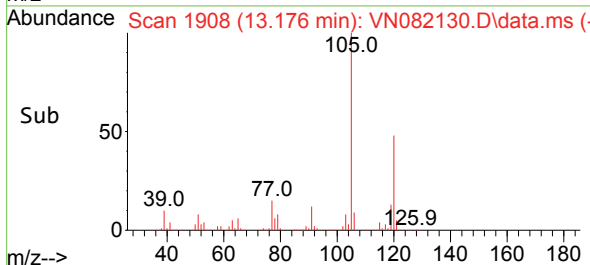
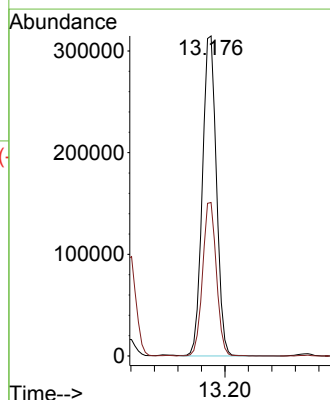
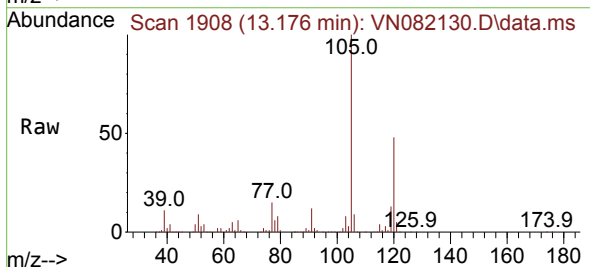
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

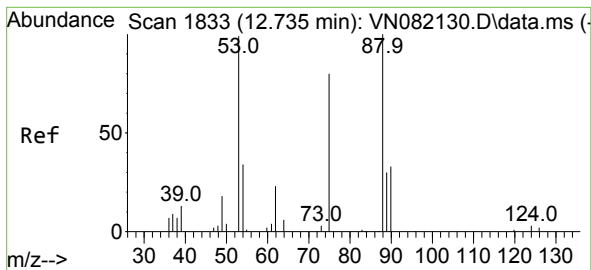
Tgt Ion: 91 Resp: 453766  
Ion Ratio Lower Upper  
91 100  
126 30.6 17.5 52.5



#80  
1,3,5-Trimethylbenzene  
Concen: 53.731 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 105 Resp: 523273  
Ion Ratio Lower Upper  
105 100  
120 47.3 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 54.260 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

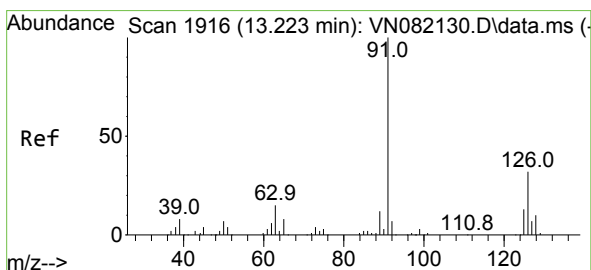
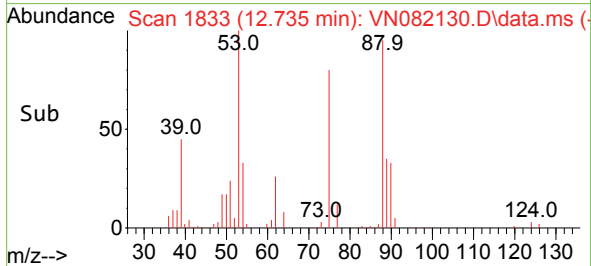
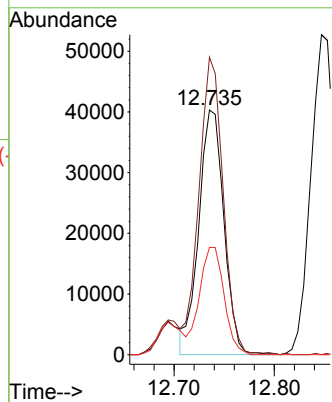
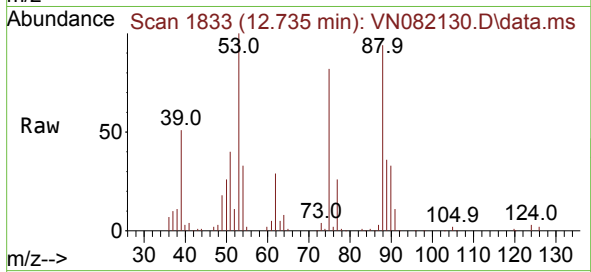
Tgt Ion: 75 Resp: 70411

Ion Ratio Lower Upper

75 100

53 117.3 72.9 109.3#

89 43.0 39.1 58.7



#82

4-Chlorotoluene

Concen: 51.386 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.000 min

Lab File: VN082130.D

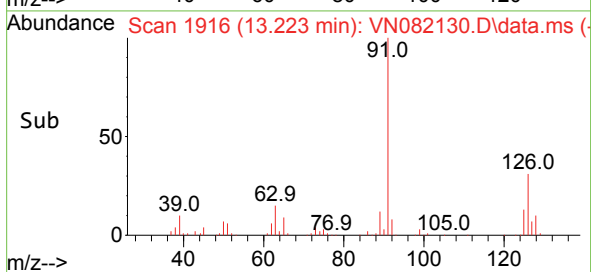
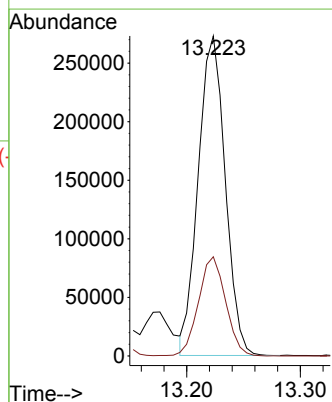
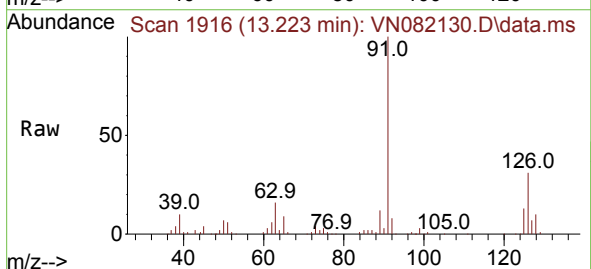
Acq: 15 May 2024 13:49

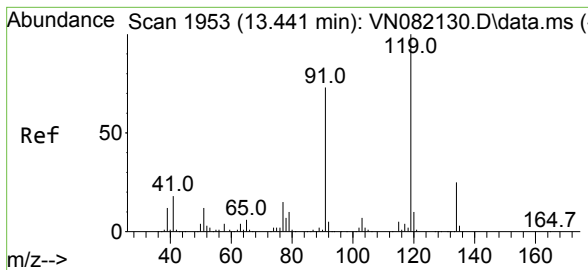
Tgt Ion: 91 Resp: 449951

Ion Ratio Lower Upper

91 100

126 31.2 17.4 52.3

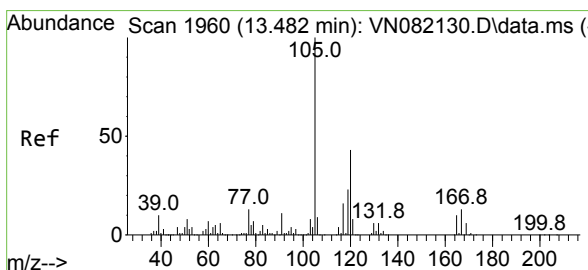
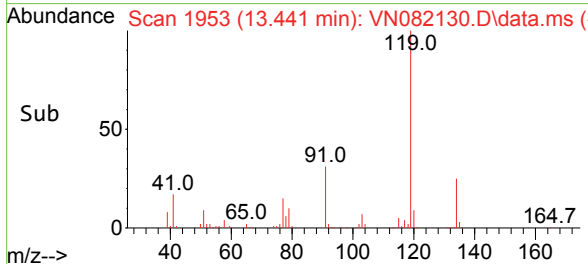
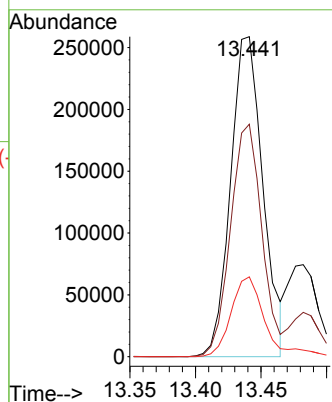
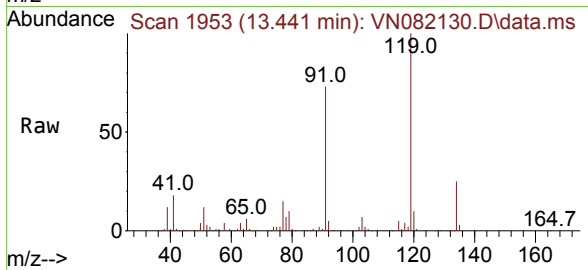




#83  
 tert-Butylbenzene  
 Concen: 52.218 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. 0.000 min  
 Lab File: VN082130.D  
 Acq: 15 May 2024 13:49

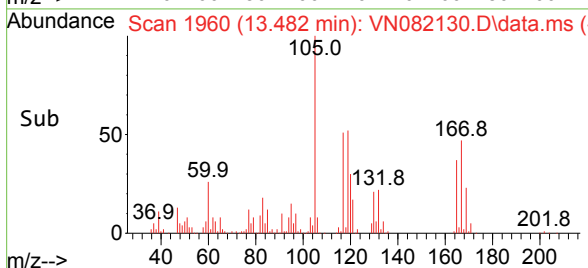
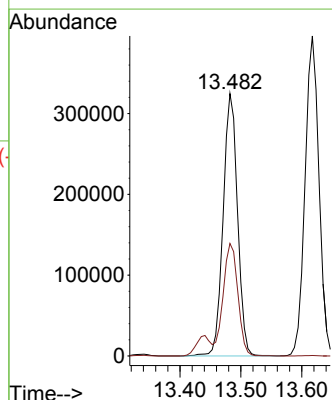
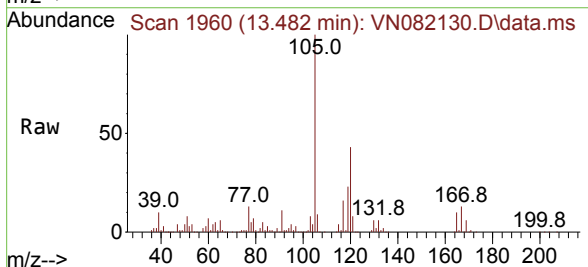
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

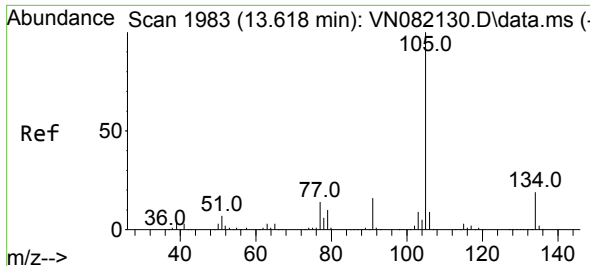
Tgt Ion:119 Resp: 444895  
 Ion Ratio Lower Upper  
 119 100  
 91 70.3 32.6 97.8  
 134 26.0 12.4 37.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.500 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.000 min  
 Lab File: VN082130.D  
 Acq: 15 May 2024 13:49

Tgt Ion:105 Resp: 533053  
 Ion Ratio Lower Upper  
 105 100  
 120 44.0 22.9 68.7

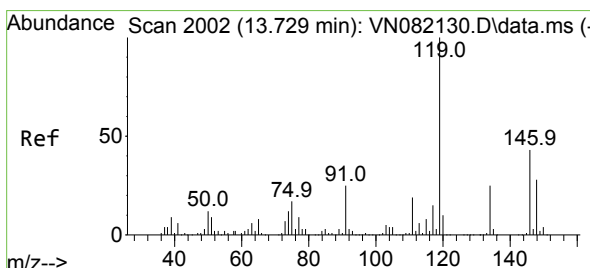
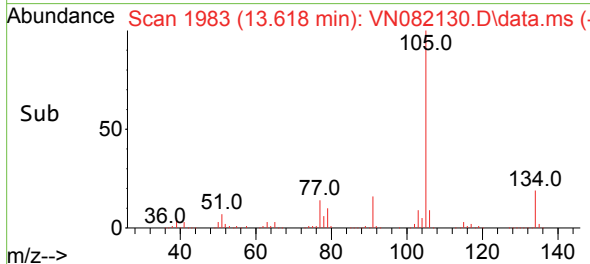
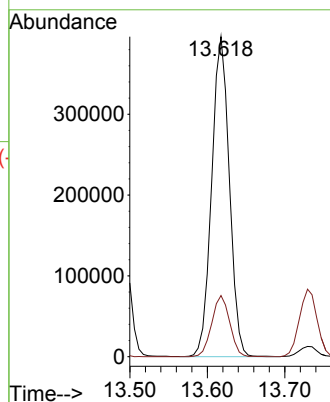
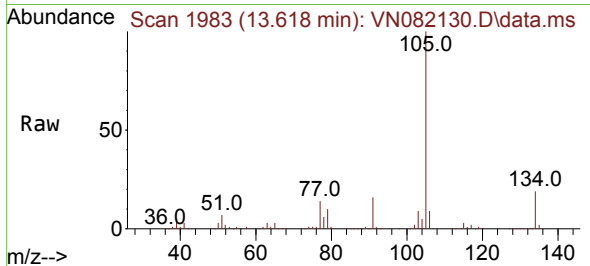




#85  
 sec-Butylbenzene  
 Concen: 53.133 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN082130.D  
 Acq: 15 May 2024 13:49

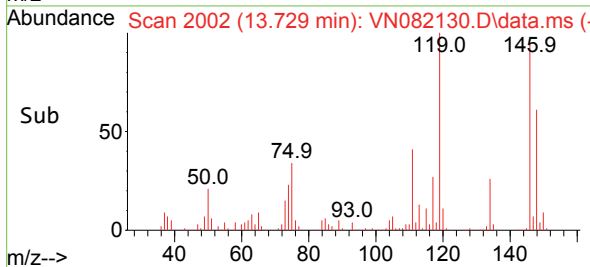
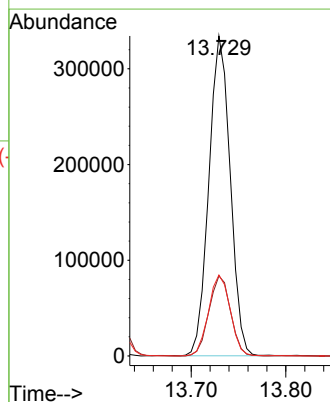
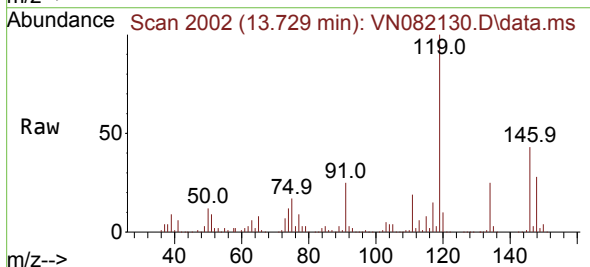
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

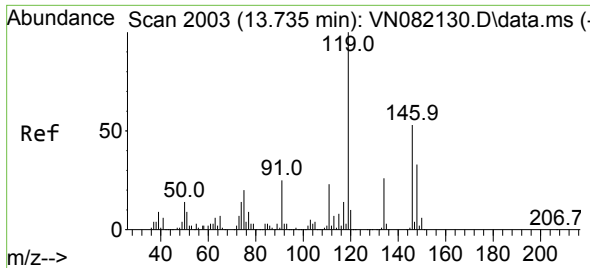
Tgt Ion:105 Resp: 627465  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 54.408 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN082130.D  
 Acq: 15 May 2024 13:49

Tgt Ion:119 Resp: 522178  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 13.2 39.5  
 91 25.9 11.8 35.3

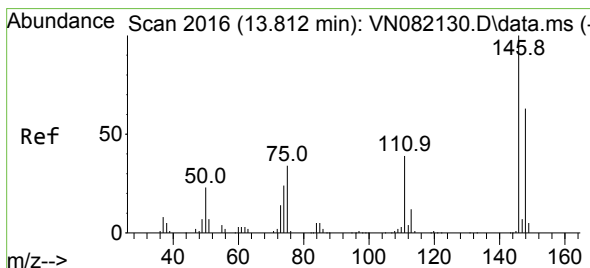
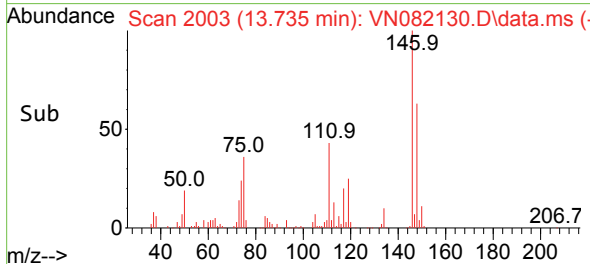
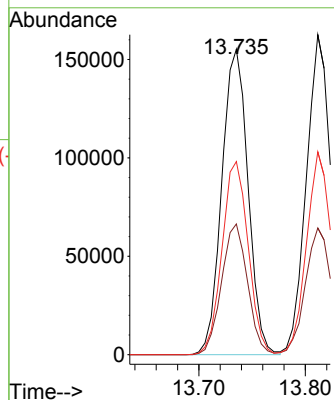
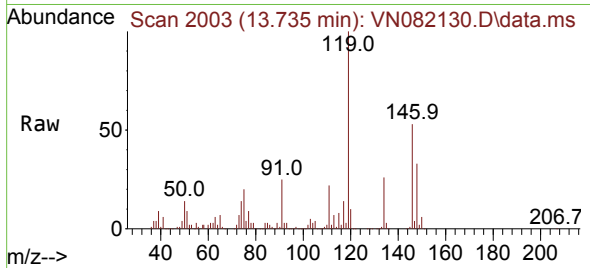




#87  
1,3-Dichlorobenzene  
Concen: 51.022 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

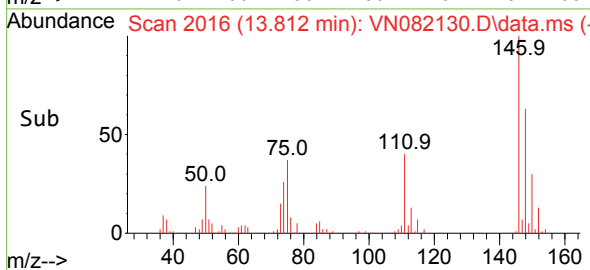
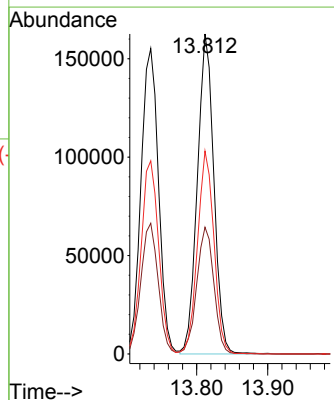
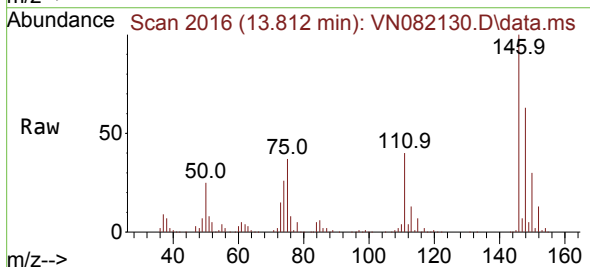
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

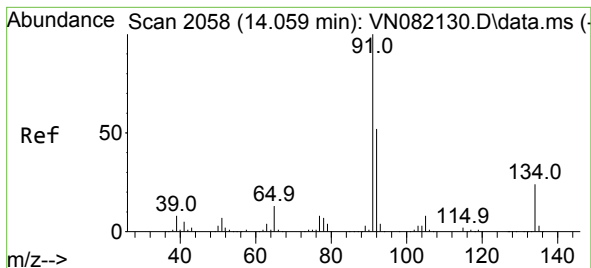
Tgt Ion:146 Resp: 265318  
Ion Ratio Lower Upper  
146 100  
111 42.4 20.8 62.5  
148 63.1 32.1 96.3



#88  
1,4-Dichlorobenzene  
Concen: 49.655 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion:146 Resp: 263536  
Ion Ratio Lower Upper  
146 100  
111 41.0 19.3 57.9  
148 63.3 31.3 93.9





#89

n-Butylbenzene

Concen: 54.456 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

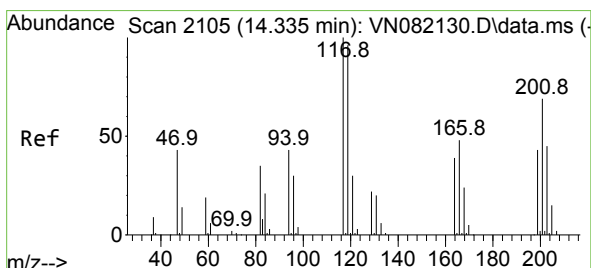
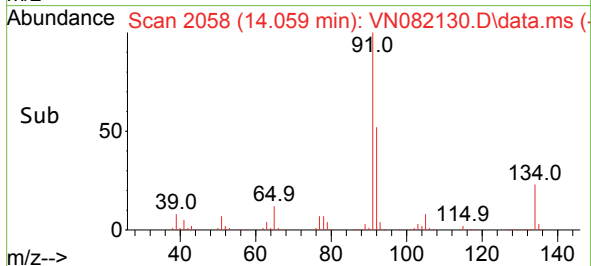
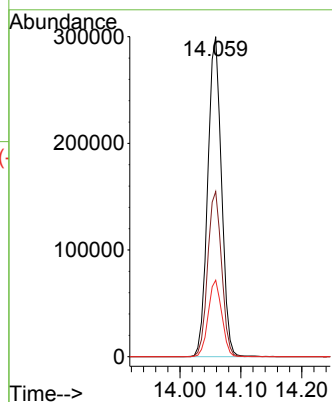
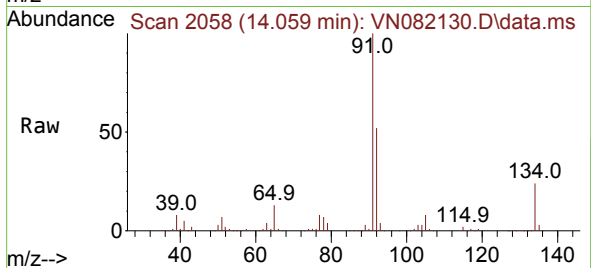
Tgt Ion: 91 Resp: 469757

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

134 23.7 13.2 39.5



#90

Hexachloroethane

Concen: 53.117 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082130.D

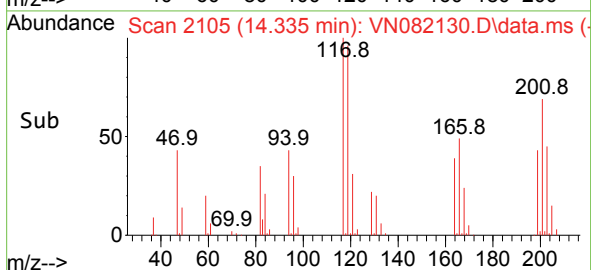
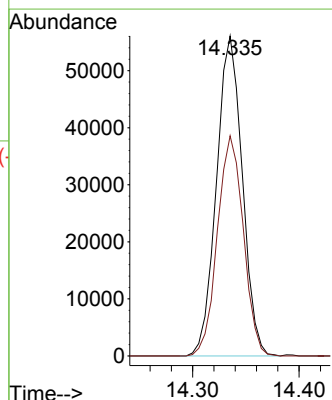
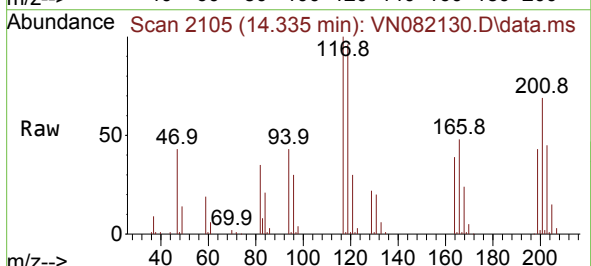
Acq: 15 May 2024 13:49

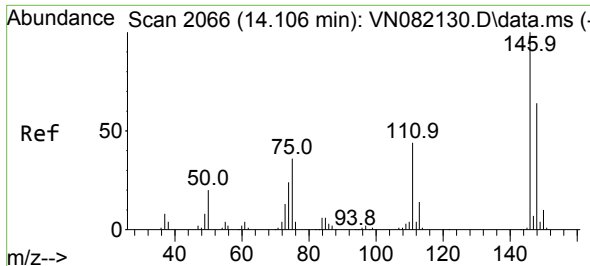
Tgt Ion: 117 Resp: 94453

Ion Ratio Lower Upper

117 100

201 69.0 33.3 99.8

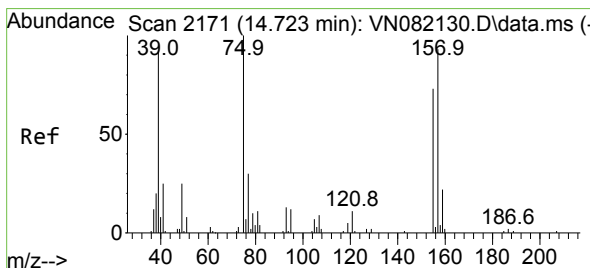
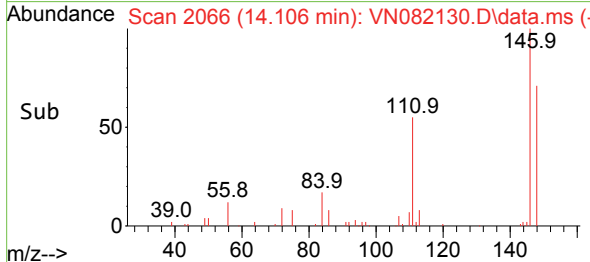
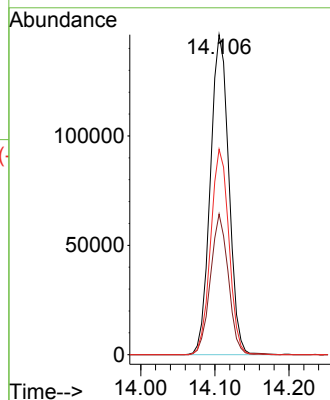
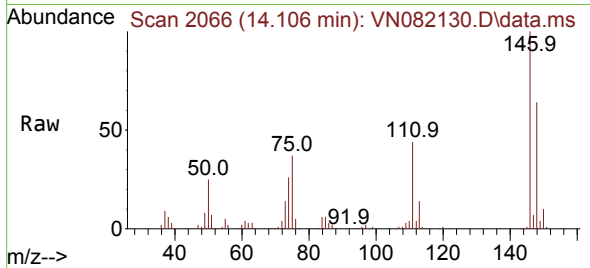




#91  
1,2-Dichlorobenzene  
Concen: 51.455 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

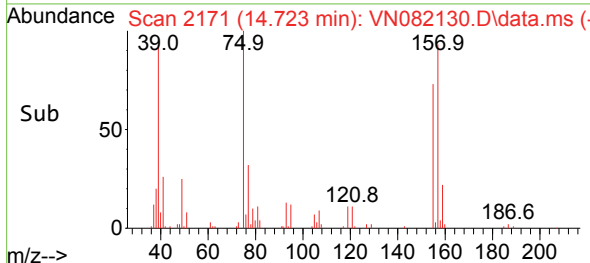
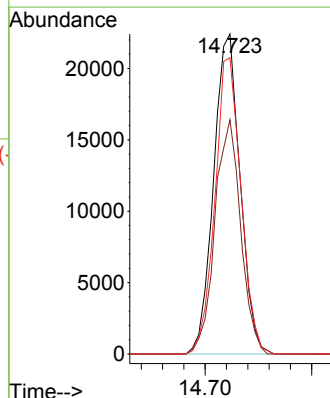
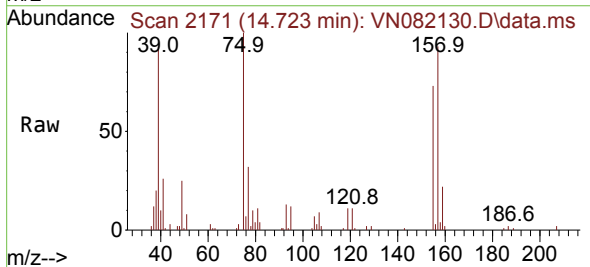
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

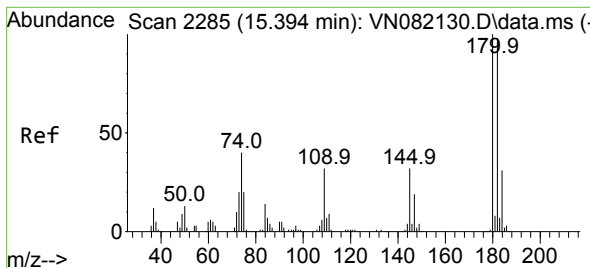
Tgt Ion:146 Resp: 253273  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.3 64.0  
148 63.6 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 54.134 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Tgt Ion: 75 Resp: 38615  
Ion Ratio Lower Upper  
75 100  
155 71.2 42.6 128.0  
157 91.1 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 52.916 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

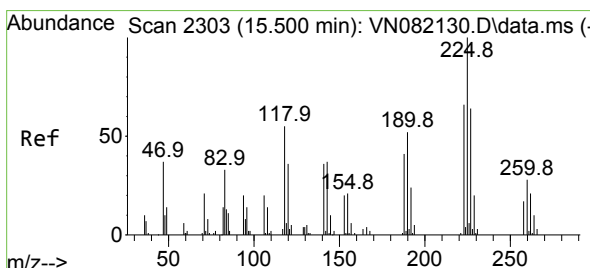
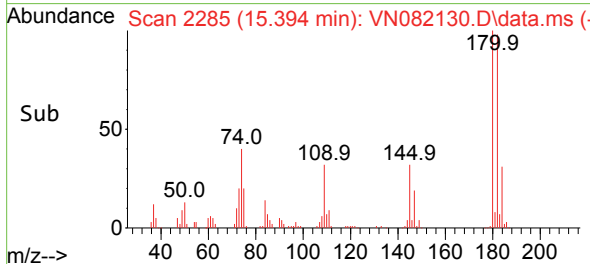
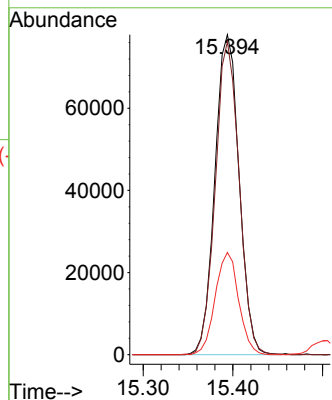
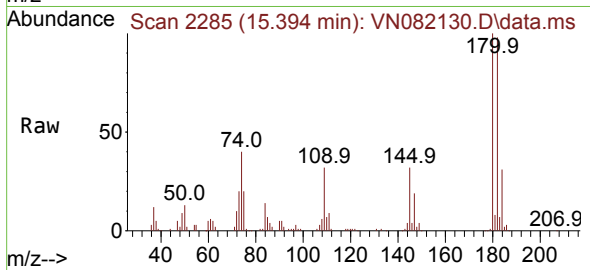
Tgt Ion:180 Resp: 146001

Ion Ratio Lower Upper

180 100

182 95.9 46.7 140.0

145 31.0 16.2 48.6



#94

Hexachlorobutadiene

Concen: 49.843 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN082130.D

Acq: 15 May 2024 13:49

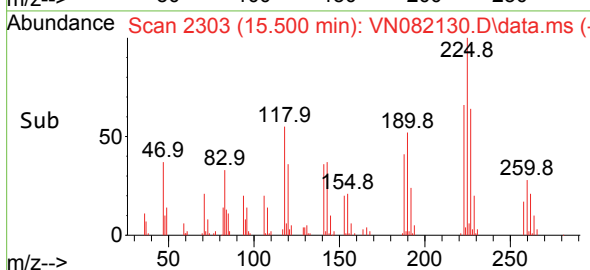
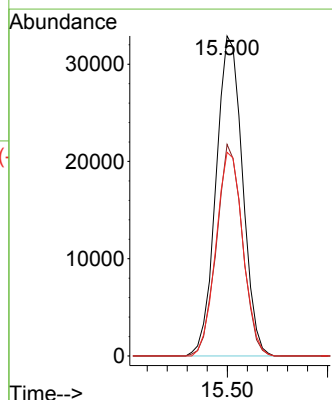
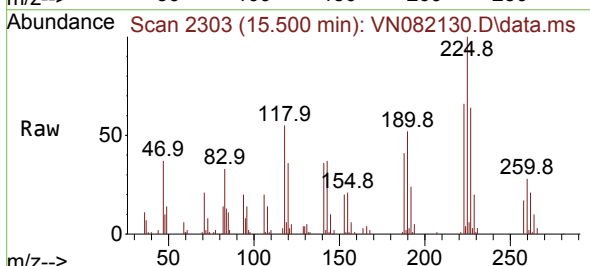
Tgt Ion:225 Resp: 60343

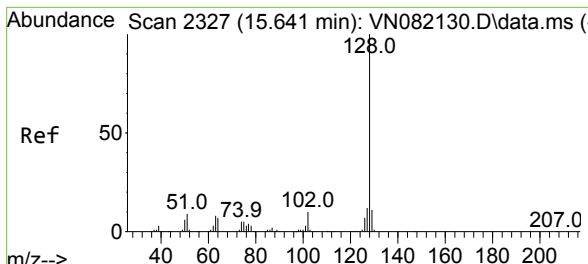
Ion Ratio Lower Upper

225 100

223 64.5 31.1 93.2

227 64.7 30.6 91.6

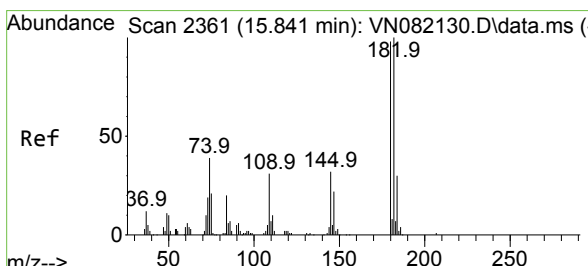
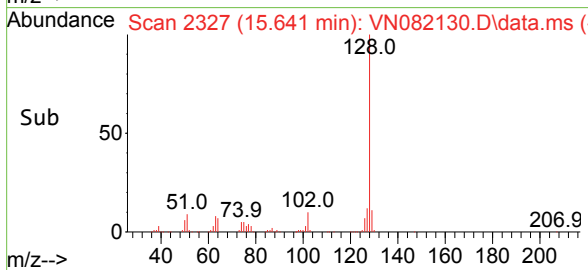
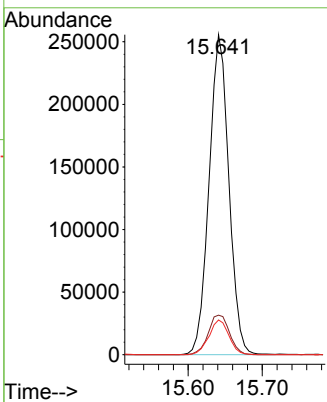
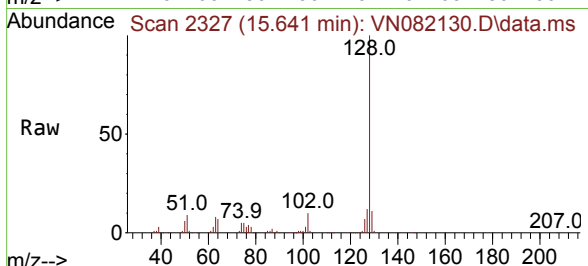




#95  
Naphthalene  
Concen: 54.809 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 473910 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.3  | 10.1  | 15.1   |
| 129       | 10.9  | 8.9   | 13.3   |



#96  
1,2,3-Trichlorobenzene  
Concen: 51.110 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VN082130.D  
Acq: 15 May 2024 13:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 141170 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.8  | 46.0  | 137.8  |
| 145       | 33.4  | 17.1  | 51.3   |

