

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041024\  
 Data File : VN081686.D  
 Acq On : 10 Apr 2024 17:17  
 Operator : JC\MD  
 Sample : VN0410WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 11 09:27:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041024W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Apr 11 09:25:01 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 7.812  | 128   | 26911    | 30.000   | ug/l       | #-0.01   |
| 28) 1,4-Difluorobenzene      | 9.100  | 114   | 195254   | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5         | 11.870 | 117   | 242030   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 8.576  | 65    | 100746   | 30.474   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 101.567% |          |
| 60) 4-Bromofluorobenzene     | 12.853 | 95    | 144260   | 30.317   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 101.067% |          |
| 63) Toluene-d8               | 10.570 | 98    | 296551   | 30.546   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 101.833% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 65538    | 17.429   | ug/l       | 98       |
| 3) Chloromethane             | 2.365  | 50    | 64896    | 19.892   | ug/l       | 100      |
| 4) Vinyl Chloride            | 2.512  | 62    | 55367    | 16.504   | ug/l       | 99       |
| 5) Bromomethane              | 2.965  | 94    | 41842    | 14.728   | ug/l       | 96       |
| 6) Chloroethane              | 3.130  | 64    | 46856    | 17.845   | ug/l       | # 88     |
| 7) Trichlorofluoromethane    | 3.500  | 101   | 113270   | 20.566   | ug/l       | 97       |
| 8) Diethyl Ether             | 3.959  | 74    | 35598    | 17.329   | ug/l       | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 64427    | 17.051   | ug/l       | 74       |
| 10) 1,1-Dichloroethene       | 4.347  | 96    | 57377    | 16.557   | ug/l       | 95       |
| 11) Methyl Iodide            | 4.589  | 142   | 57515    | 14.656   | ug/l       | 90       |
| 12) Methyl Acetate           | 5.024  | 43    | 53751    | 16.892   | ug/l       | # 77     |
| 13) Acrolein                 | 4.183  | 56    | 35873    | 85.598   | ug/l       | 97       |
| 14) Acrylonitrile            | 5.718  | 53    | 134532   | 84.935   | ug/l       | 99       |
| 15) Acetone                  | 4.430  | 58    | 31615    | 90.750   | ug/l       | 71       |
| 16) Carbon Disulfide         | 4.712  | 76    | 167800   | 17.029   | ug/l       | # 88     |
| 17) Allyl chloride           | 5.024  | 41    | 67997    | 16.220   | ug/l       | 90       |
| 18) Methylene Chloride       | 5.283  | 84    | 68522    | 17.172   | ug/l       | 97       |
| 19) trans-1,2-Dichloroethene | 5.783  | 96    | 65429    | 17.217   | ug/l       | 90       |
| 20) Diisopropyl ether        | 6.671  | 45    | 167792   | 16.812   | ug/l       | 95       |
| 21) 1,1-Dichloroethane       | 6.565  | 63    | 116070   | 17.443   | ug/l       | 98       |
| 22) cis-1,2-Dichloroethene   | 7.488  | 96    | 76524    | 16.675   | ug/l       | 95       |
| 23) tert-Butyl Alcohol       | 5.518  | 59    | 46869    | 83.354   | ug/l       | # 100    |
| 24) Methyl tert-Butyl Ether  | 5.794  | 73    | 181493   | 16.746   | ug/l       | # 91     |
| 25) Chloroform               | 7.971  | 83    | 129768   | 17.140   | ug/l       | 99       |
| 26) Cyclohexane              | 8.259  | 56    | 88114    | 16.518   | ug/l       | # 87     |
| 29) 1,1-Dichloropropene      | 8.371  | 75    | 85066    | 16.572   | ug/l       | 97       |
| 30) 2-Butanone               | 7.488  | 43    | 155415   | 79.276   | ug/l       | # 97     |
| 31) 2,2-Dichloropropane      | 7.494  | 77    | 103994   | 16.265   | ug/l       | 99       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 117319   | 16.583   | ug/l       | 99       |
| 33) Carbon Tetrachloride     | 8.365  | 117   | 102136   | 15.927   | ug/l       | 96       |
| 34) Benzene                  | 8.606  | 78    | 268966   | 16.265   | ug/l       | 99       |
| 35) Methacrylonitrile        | 7.777  | 41    | 36567    | 16.468   | ug/l       | 98       |
| 36) 1,2-Dichloroethane       | 8.665  | 62    | 89472    | 16.496   | ug/l       | # 90     |
| 37) Trichloroethene          | 9.353  | 130   | 70632    | 16.142   | ug/l       | 97       |
| 38) Methylcyclohexane        | 9.600  | 83    | 98755    | 15.740   | ug/l       | 97       |
| 39) 1,2-Dichloropropane      | 9.623  | 63    | 62445    | 16.187   | ug/l       | 98       |
| 40) Dibromomethane           | 9.712  | 93    | 50755    | 16.517   | ug/l       | 94       |
| 41) Bromodichloromethane     | 9.888  | 83    | 102006   | 16.278   | ug/l       | 93       |
| 42) Vinyl Acetate            | 6.606  | 43    | 657953   | 80.564   | ug/l       | 97       |

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 Sample : VN0410WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 11 09:27:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041024W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Apr 11 09:25:01 2024  
 Response via : Initial Calibration

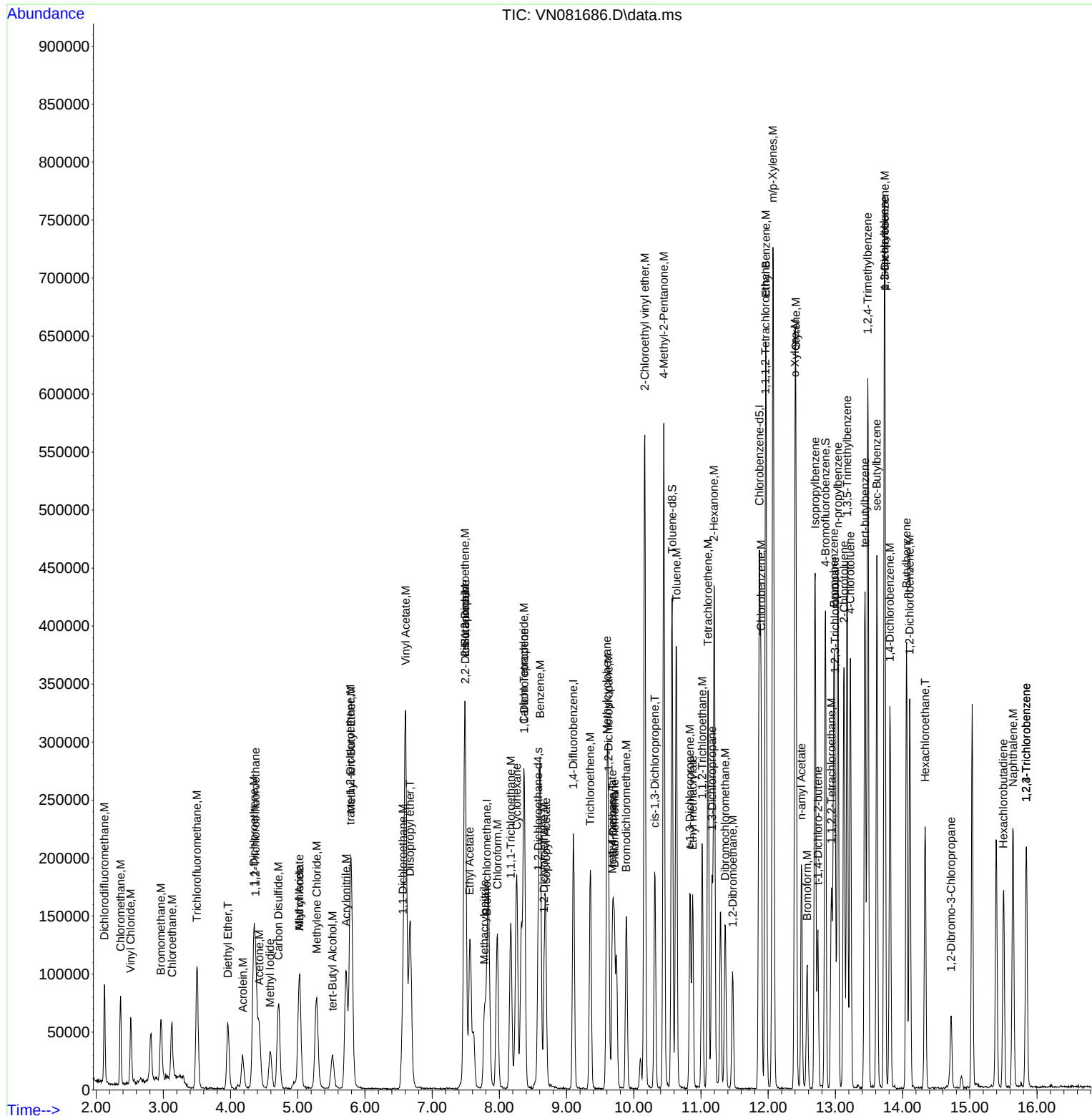
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.559  | 43   | 63030    | 14.588  | ug/l # | 92       |
| 44) Isopropyl Acetate         | 8.694  | 43   | 112511   | 15.541  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 9.688  | 88   | 27597    | 345.328 | ug/l   | 90       |
| 46) Methyl methacrylate       | 9.682  | 41   | 51202    | 15.728  | ug/l   | 95       |
| 47) n-amyl Acetate            | 12.494 | 43   | 96643    | 14.877  | ug/l   | 98       |
| 48) t-1,3-Dichloropropene     | 10.835 | 75   | 94440    | 15.819  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 10.312 | 75   | 105364   | 16.388  | ug/l   | 94       |
| 50) 1,1,2-Trichloroethane     | 11.018 | 97   | 68406    | 16.625  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.876 | 69   | 89119    | 15.555  | ug/l   | 95       |
| 52) 1,3-Dichloropropane       | 11.165 | 76   | 107419   | 15.927  | ug/l   | 98       |
| 53) Dibromochloromethane      | 11.359 | 129  | 77697    | 15.807  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 11.470 | 107  | 69550    | 16.352  | ug/l   | 96       |
| 55) 2-Chloroethyl vinyl ether | 10.165 | 63   | 254444   | 90.436  | ug/l   | 97       |
| 56) Bromoform                 | 12.582 | 173  | 48630    | 15.473  | ug/l # | 97       |
| 58) 4-Methyl-2-Pentanone      | 10.447 | 43   | 352902   | 84.787  | ug/l   | 94       |
| 59) 2-Hexanone                | 11.194 | 43   | 262083   | 83.844  | ug/l   | 92       |
| 61) Tetrachloroethene         | 11.106 | 164  | 77815    | 17.351  | ug/l   | 99       |
| 62) Toluene                   | 10.635 | 91   | 299374   | 17.002  | ug/l   | 97       |
| 64) Chlorobenzene             | 11.894 | 112  | 190242   | 17.039  | ug/l   | 94       |
| 65) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 65082    | 16.047  | ug/l   | 96       |
| 66) Ethyl Benzene             | 11.964 | 91   | 306656   | 16.380  | ug/l   | 99       |
| 67) m/p-Xylenes               | 12.070 | 106  | 249086   | 33.589  | ug/l   | 96       |
| 68) o-Xylene                  | 12.400 | 106  | 118079   | 16.773  | ug/l   | 93       |
| 69) Styrene                   | 12.412 | 104  | 198497   | 16.556  | ug/l   | 96       |
| 70) Isopropylbenzene          | 12.700 | 105  | 307352   | 16.923  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 84092    | 17.725  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane    | 12.994 | 75   | 115563   | 26.311  | ug/l   | 64       |
| 73) Bromobenzene              | 12.982 | 156  | 74289    | 16.508  | ug/l   | 92       |
| 74) n-propylbenzene           | 13.035 | 91   | 358776   | 16.503  | ug/l   | 97       |
| 75) 2-Chlorotoluene           | 13.129 | 91   | 216962   | 16.751  | ug/l   | 93       |
| 76) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 255904   | 16.601  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.741 | 75   | 29107    | 16.002  | ug/l   | 85       |
| 78) 4-Chlorotoluene           | 13.223 | 91   | 217685   | 16.946  | ug/l   | 94       |
| 79) tert-butylbenzene         | 13.441 | 119  | 217435   | 16.580  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 259136   | 16.856  | ug/l   | 96       |
| 81) sec-Butylbenzene          | 13.617 | 105  | 309222   | 16.349  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.729 | 119  | 252982   | 15.949  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 13.735 | 146  | 143536   | 17.066  | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 13.811 | 146  | 138990   | 17.072  | ug/l   | 97       |
| 85) n-Butylbenzene            | 14.058 | 91   | 210561   | 15.759  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.335 | 117  | 49460    | 16.321  | ug/l   | 83       |
| 87) 1,2-Dichlorobenzene       | 14.106 | 146  | 135457   | 16.920  | ug/l   | 96       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 16450    | 15.905  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 15.841 | 180  | 74947    | 17.080  | ug/l   | 96       |
| 90) Hexachlorobutadiene       | 15.500 | 225  | 31197    | 17.741  | ug/l   | 99       |
| 91) Naphthalene               | 15.647 | 128  | 214920   | 15.235  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 74947    | 17.080  | ug/l   | 96       |

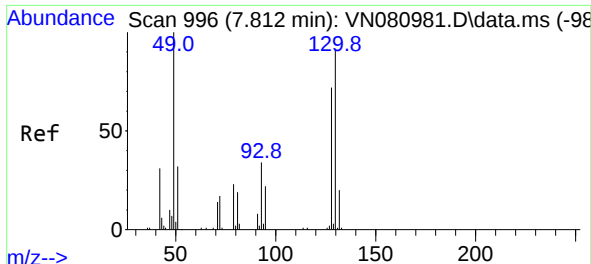
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041024\  
Data File : VN081686.D  
Acq On : 10 Apr 2024 17:17  
Operator : JC\MD  
Sample : VN0410WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

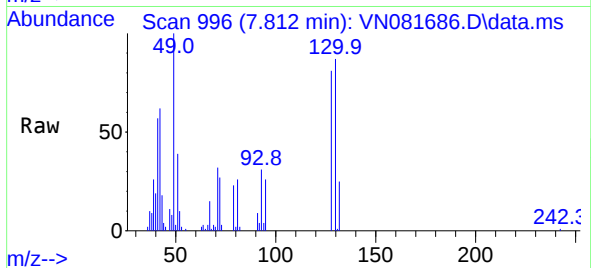
Quant Time: Apr 11 09:27:14 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041024W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Thu Apr 11 09:25:01 2024  
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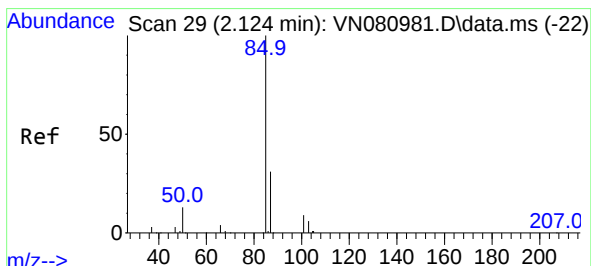
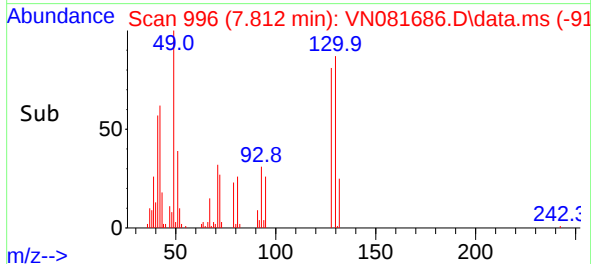
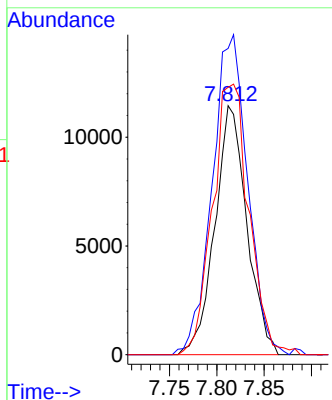


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.812 min Scan# 996  
Delta R.T. -0.012 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

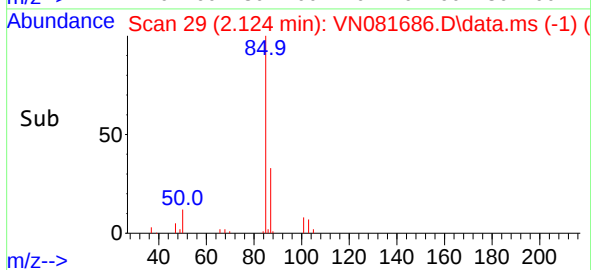
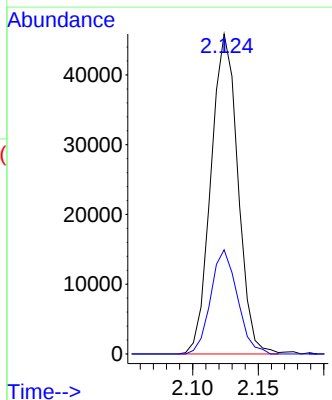
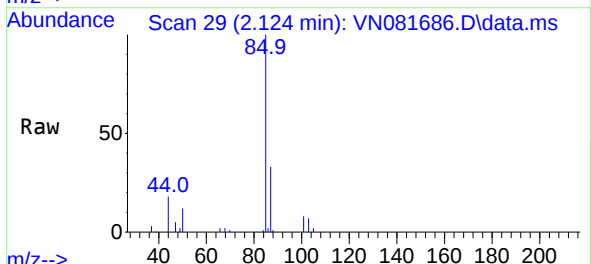


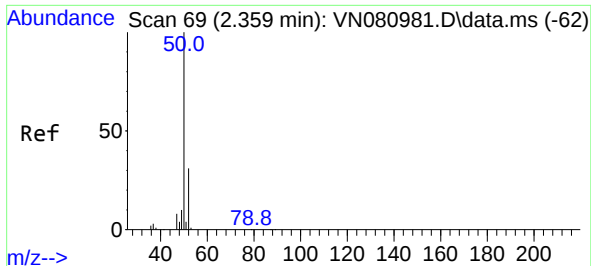
Tgt Ion:128 Resp: 26911  
Ion Ratio Lower Upper  
128 100  
49 142.3 0.0 403.7  
130 0.0 0.0 323.3



#2  
Dichlorodifluoromethane  
Concen: 17.429 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

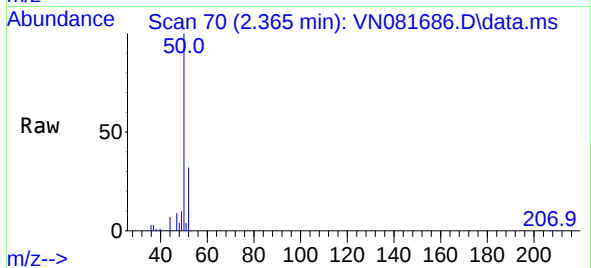
Tgt Ion: 85 Resp: 65538  
Ion Ratio Lower Upper  
85 100  
87 32.6 16.8 50.3



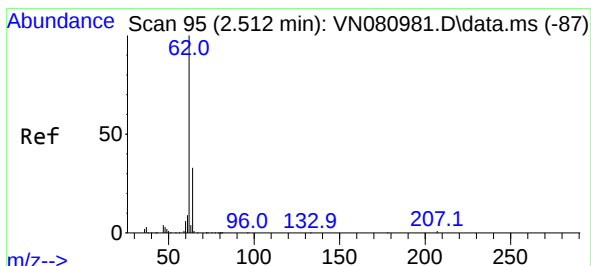
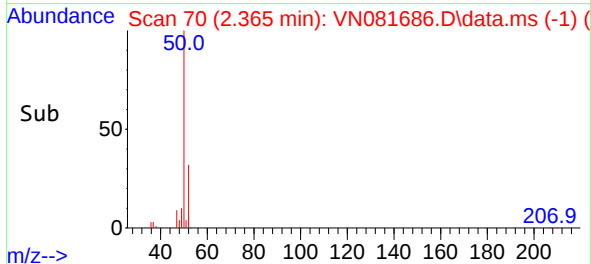
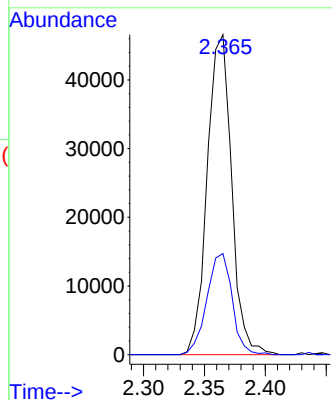


#3  
Chloromethane  
Concen: 19.892 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
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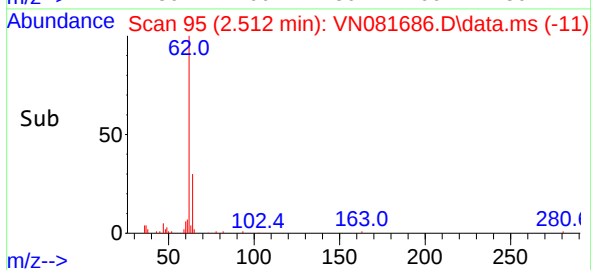
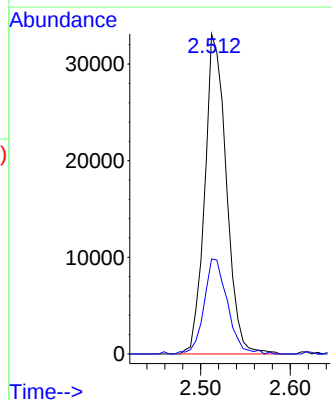
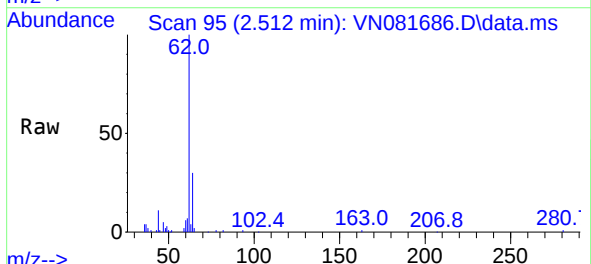


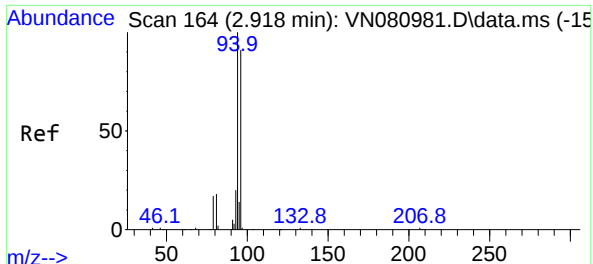
Tgt Ion: 50 Resp: 64896  
Ion Ratio Lower Upper  
50 100  
52 31.6 25.4 38.0



#4  
Vinyl Chloride  
Concen: 16.504 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 62 Resp: 55367  
Ion Ratio Lower Upper  
62 100  
64 29.7 24.1 36.1

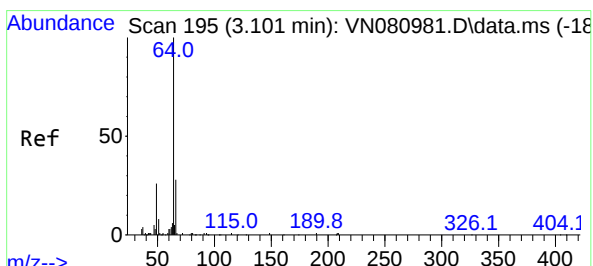
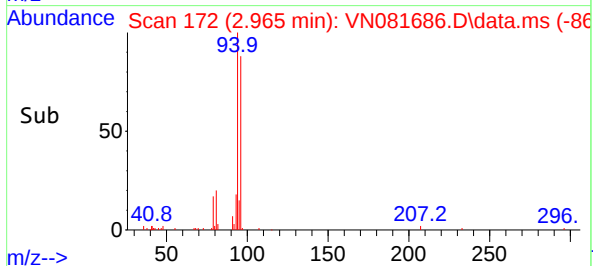
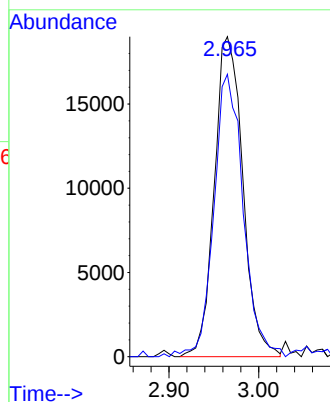
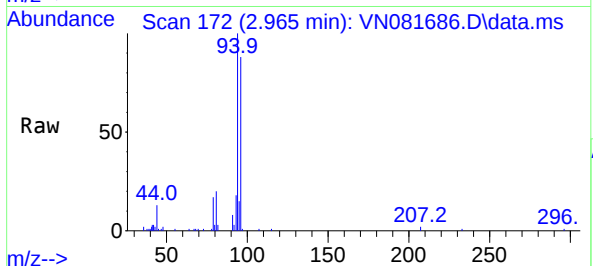




#5  
Bromomethane  
Concen: 14.728 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

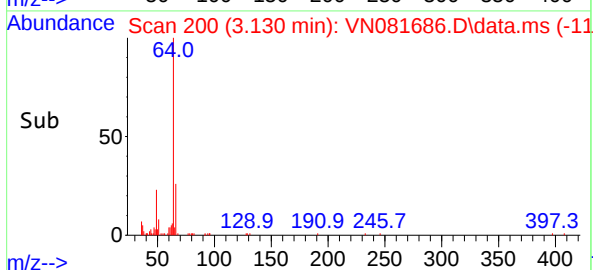
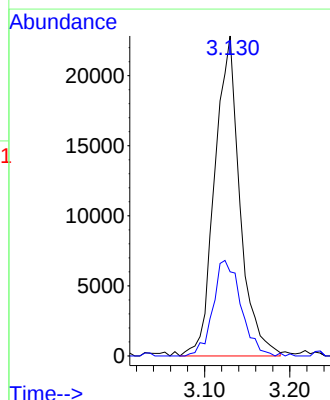
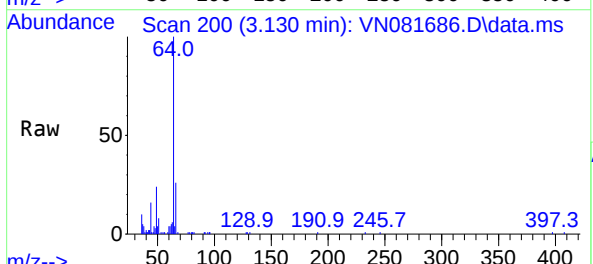
Instrument :  
MSVOA\_N  
ClientSampleId :

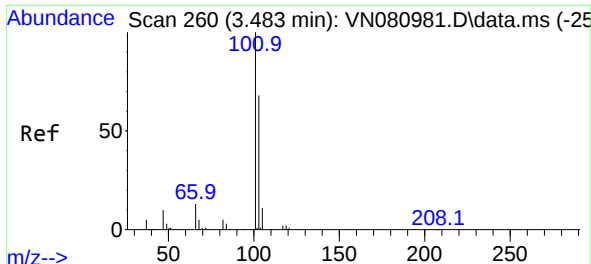
Tgt Ion: 94 Resp: 41842  
Ion Ratio Lower Upper  
94 100  
96 87.2 72.8 109.2



#6  
Chloroethane  
Concen: 17.845 ug/l  
RT: 3.130 min Scan# 200  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 64 Resp: 46856  
Ion Ratio Lower Upper  
64 100  
66 26.3 26.7 40.1#

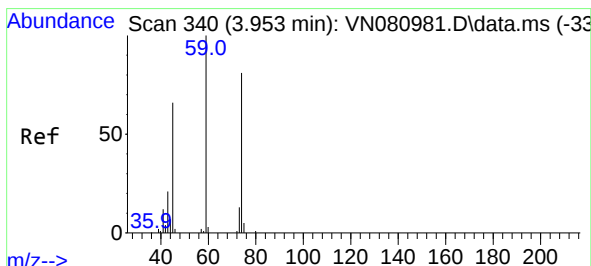
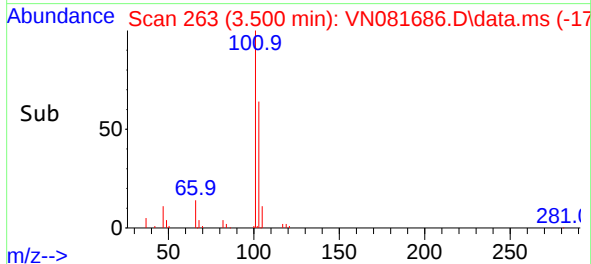
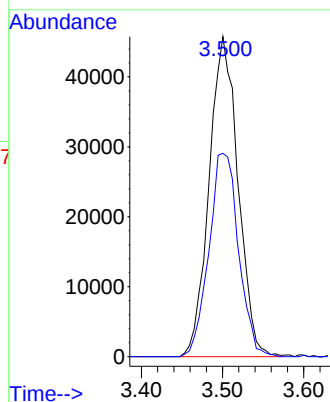
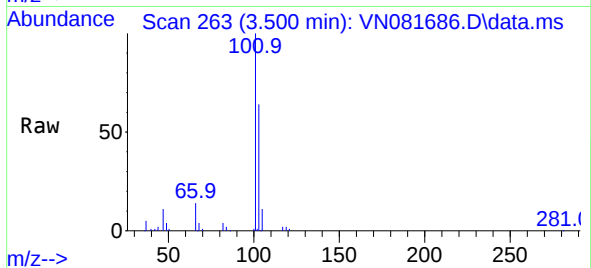




#7  
Trichlorofluoromethane  
Concen: 20.566 ug/l  
RT: 3.500 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

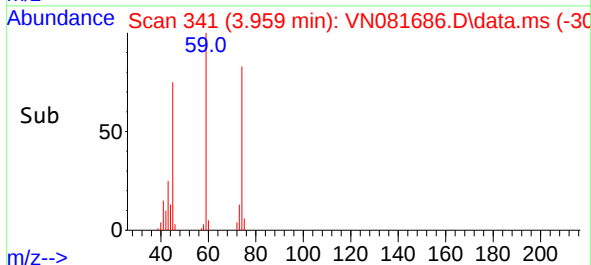
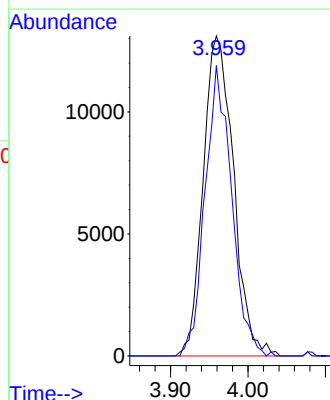
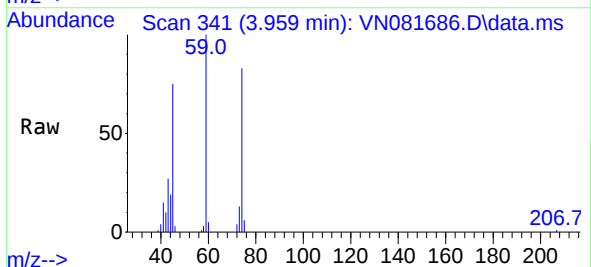
Instrument :  
MSVOA\_N  
ClientSampleId :

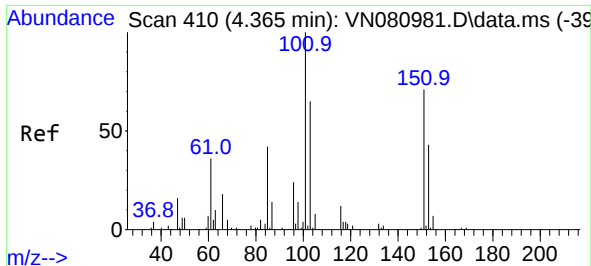
Tgt Ion:101 Resp: 113270  
Ion Ratio Lower Upper  
101 100  
103 63.6 53.0 79.4



#8  
Diethyl Ether  
Concen: 17.329 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 74 Resp: 35598  
Ion Ratio Lower Upper  
74 100  
45 79.5 16.4 147.4

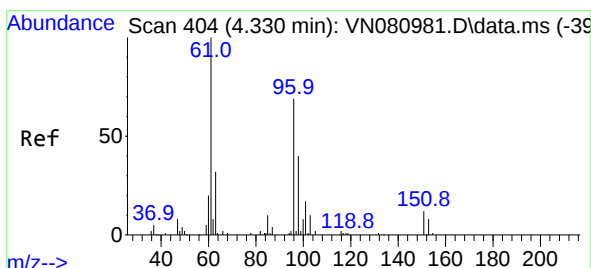
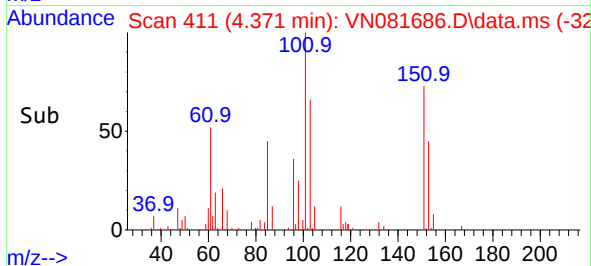
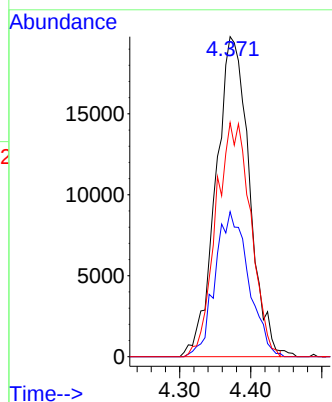
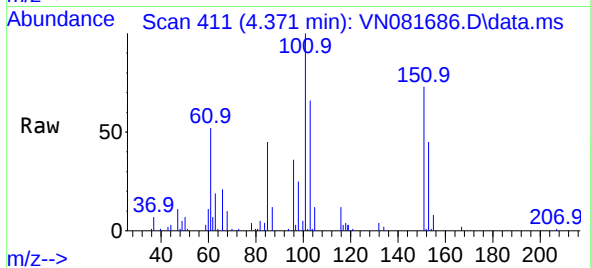




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.051 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

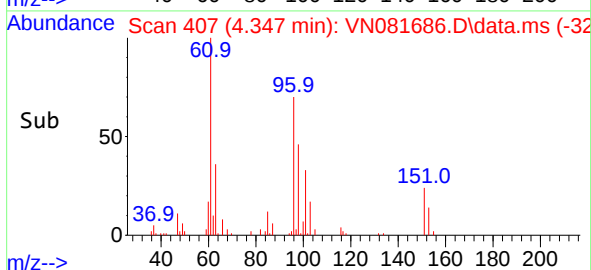
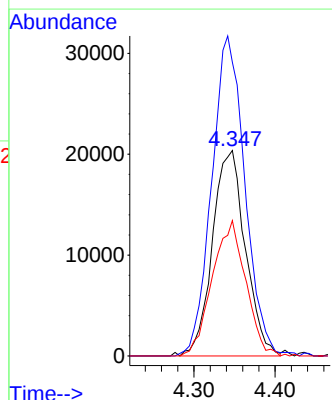
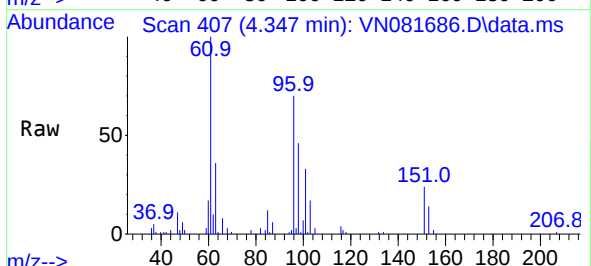
Instrument :  
MSVOA\_N  
ClientSampleId :

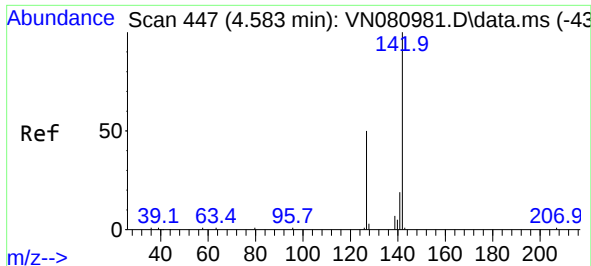
Tgt Ion:101 Resp: 64427  
Ion Ratio Lower Upper  
101 100  
85 45.6 0.0 90.6  
151 43.1 0.0 157.6



#10  
1,1-Dichloroethene  
Concen: 16.557 ug/l  
RT: 4.347 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

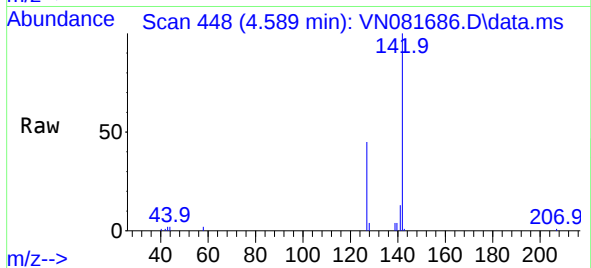
Tgt Ion: 96 Resp: 57377  
Ion Ratio Lower Upper  
96 100  
61 141.7 117.6 176.4  
98 65.9 48.4 72.6



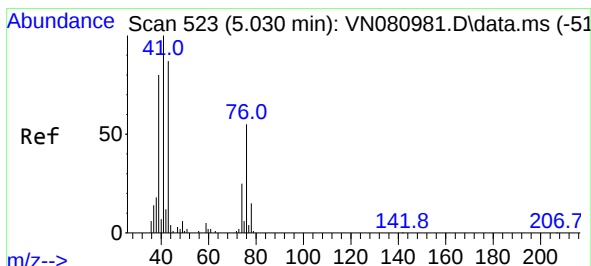
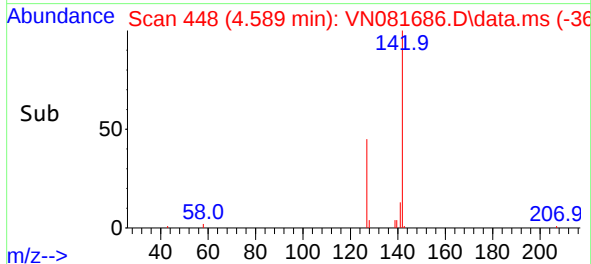
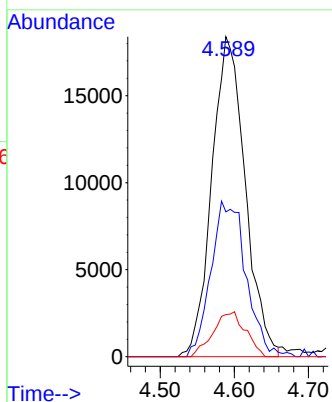


#11  
Methyl Iodide  
Concen: 14.656 ug/l  
RT: 4.589 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

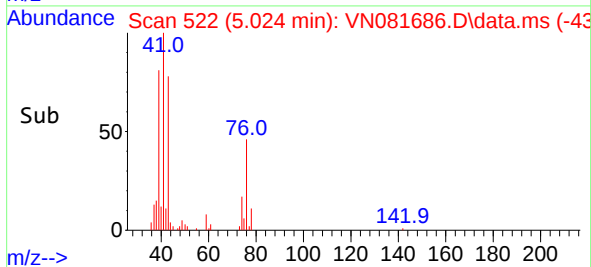
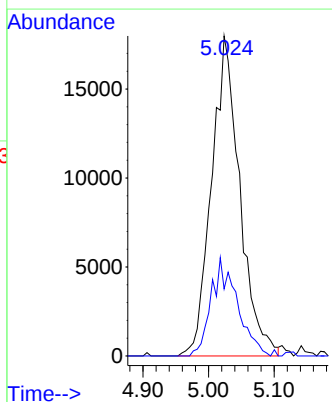
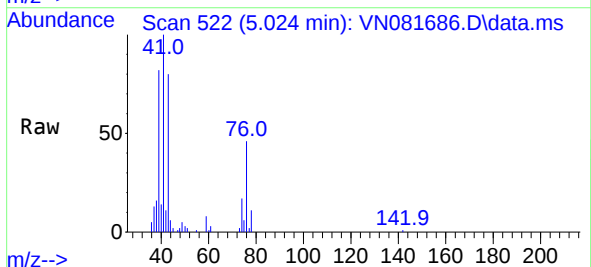


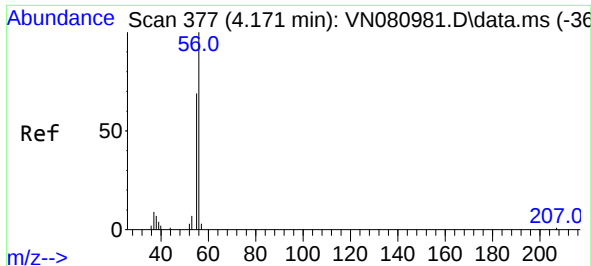
Tgt Ion:142 Resp: 57515  
Ion Ratio Lower Upper  
142 100  
127 45.2 26.3 78.9  
141 13.3 8.3 24.9



#12  
Methyl Acetate  
Concen: 16.892 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

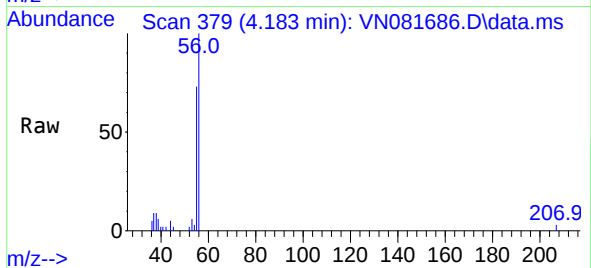
Tgt Ion: 43 Resp: 53751  
Ion Ratio Lower Upper  
43 100  
74 21.2 27.7 41.5#



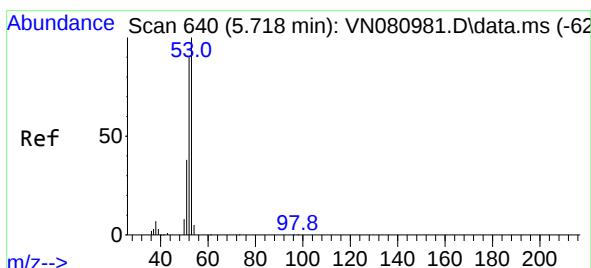
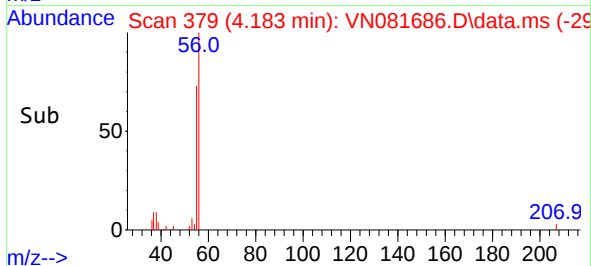
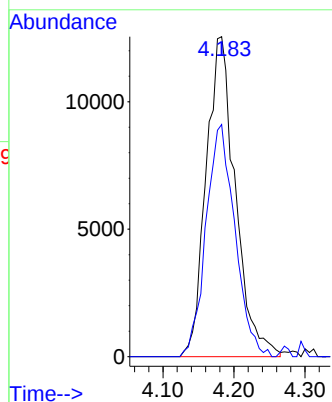


#13  
Acrolein  
Concen: 85.598 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

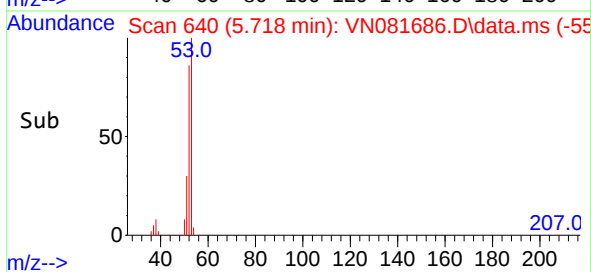
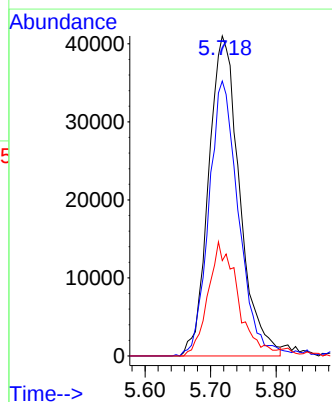
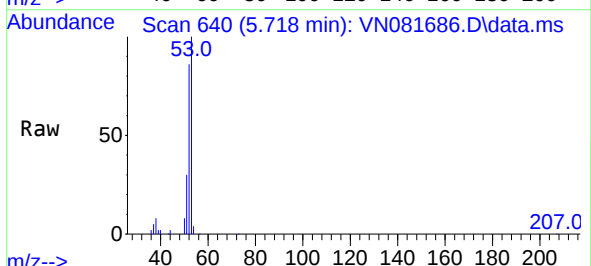


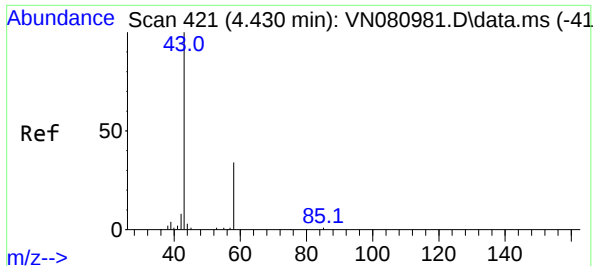
Tgt Ion: 56 Resp: 35873  
Ion Ratio Lower Upper  
56 100  
55 71.5 55.5 83.3



#14  
Acrylonitrile  
Concen: 84.935 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 53 Resp: 134532  
Ion Ratio Lower Upper  
53 100  
52 80.9 41.3 123.9  
51 33.3 16.8 50.3

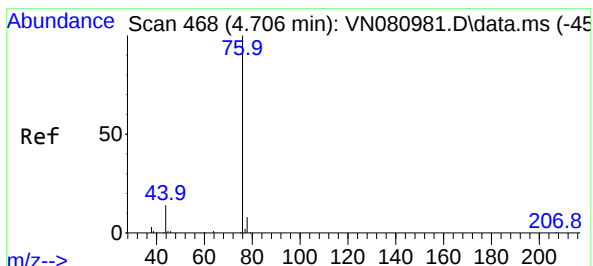
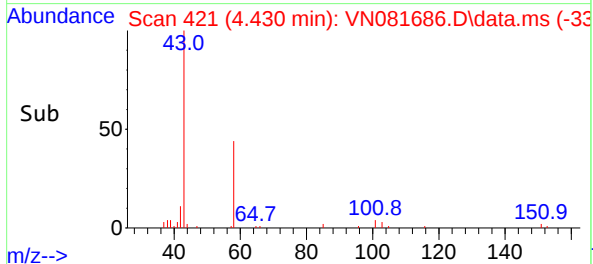
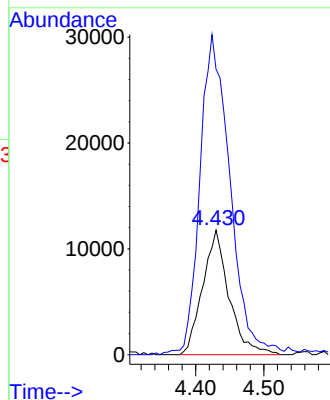
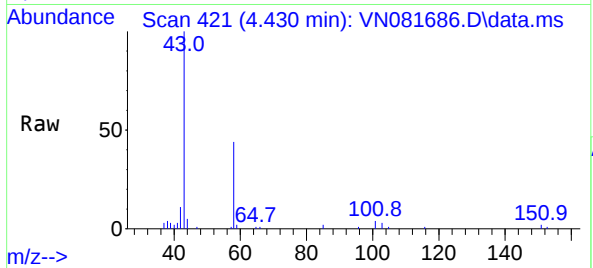




#15  
Acetone  
Concen: 90.750 ug/l  
RT: 4.430 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

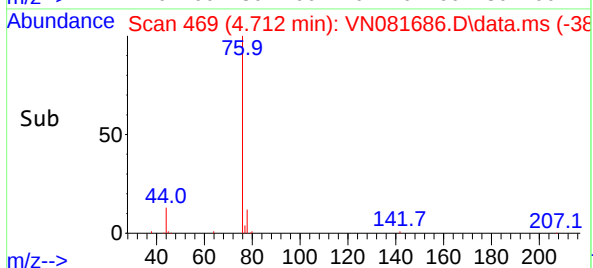
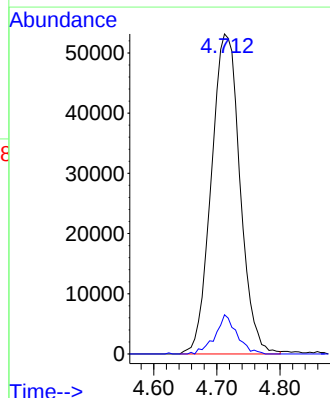
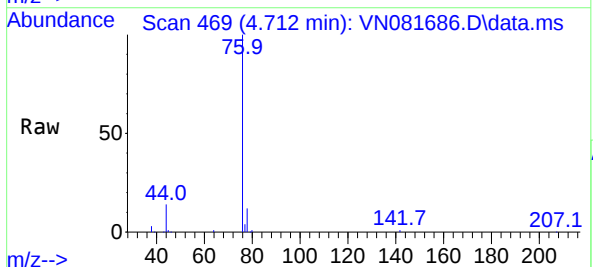
Instrument :  
MSVOA\_N  
ClientSampleId :

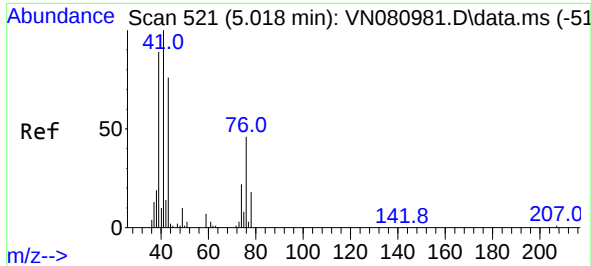
Tgt Ion: 58 Resp: 31615  
Ion Ratio Lower Upper  
58 100  
43 225.6 223.1 334.7



#16  
Carbon Disulfide  
Concen: 17.029 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

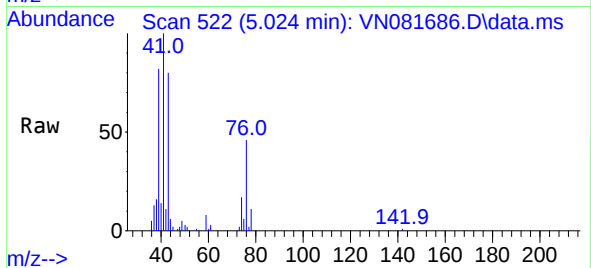
Tgt Ion: 76 Resp: 167800  
Ion Ratio Lower Upper  
76 100  
78 12.2 6.3 9.5#



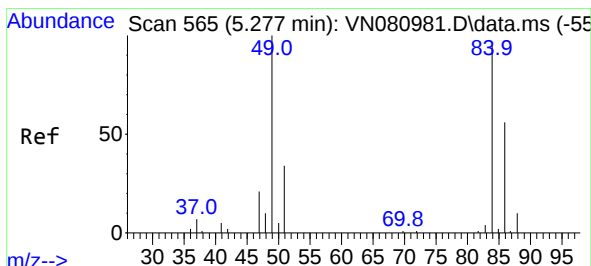
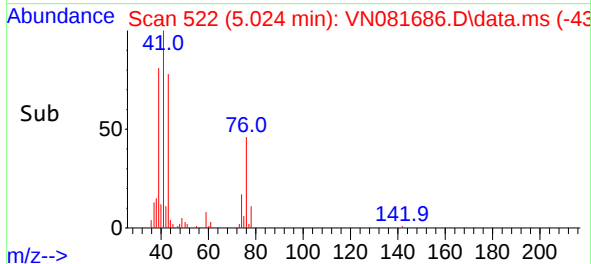
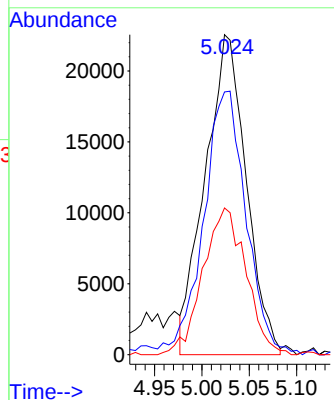


#17  
Allyl chloride  
Concen: 16.220 ug/l  
RT: 5.024 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

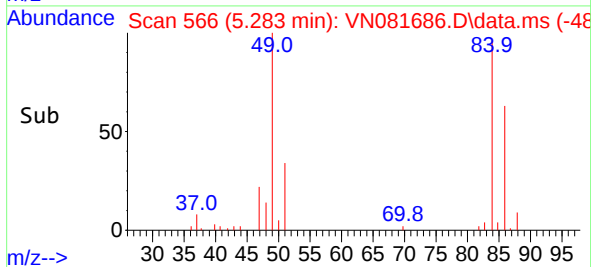
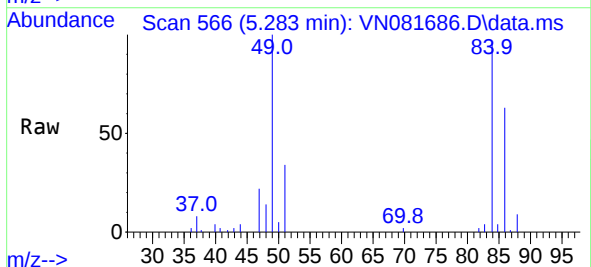
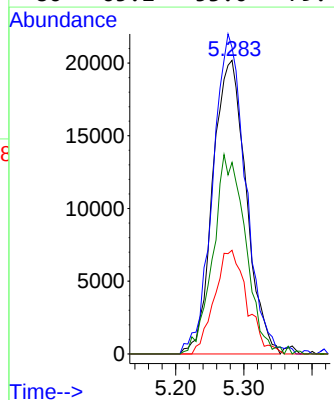


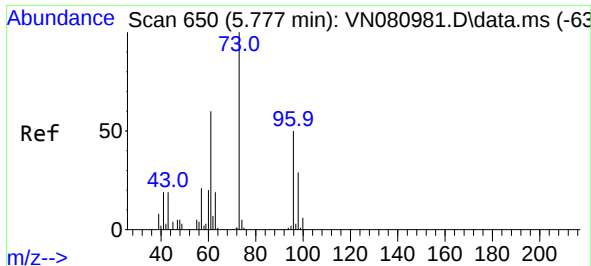
Tgt Ion: 41 Resp: 67997  
Ion Ratio Lower Upper  
41 100  
39 81.2 37.6 112.9  
76 45.4 27.8 83.4



#18  
Methylene Chloride  
Concen: 17.172 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 84 Resp: 68522  
Ion Ratio Lower Upper  
84 100  
49 104.4 86.0 129.0  
51 35.3 30.0 45.0  
86 65.2 53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 17.217 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.006 min

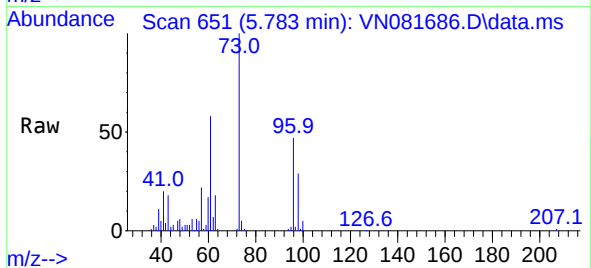
Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Instrument :

MSVOA\_N

ClientSampleId :



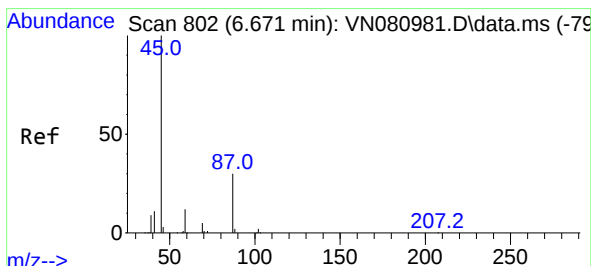
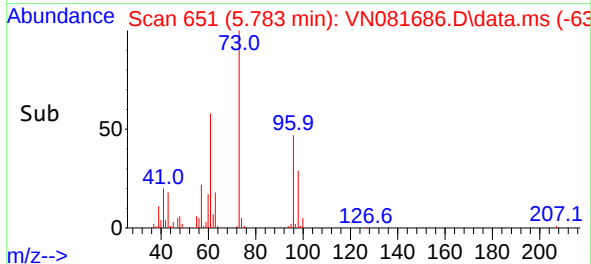
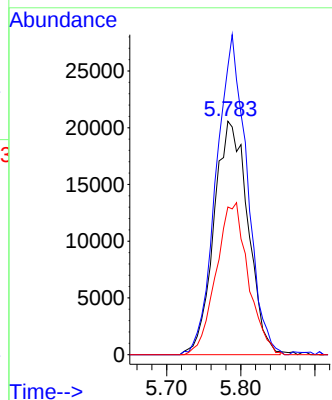
Tgt Ion: 96 Resp: 65429

Ion Ratio Lower Upper

96 100

61 123.4 111.8 167.6

98 63.3 49.2 73.8



#20

Diisopropyl ether

Concen: 16.812 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.006 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Tgt Ion: 45 Resp: 167792

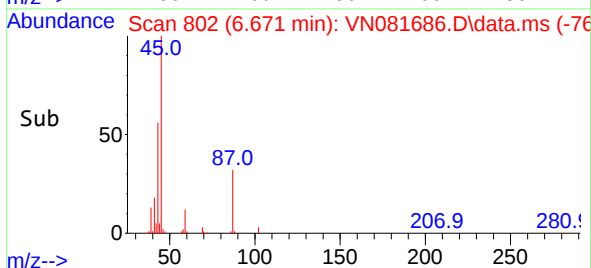
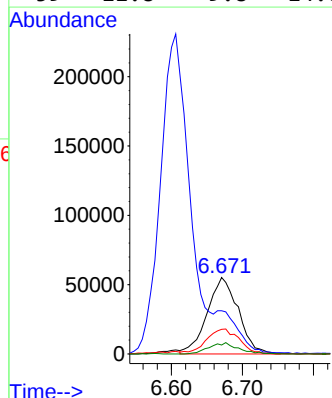
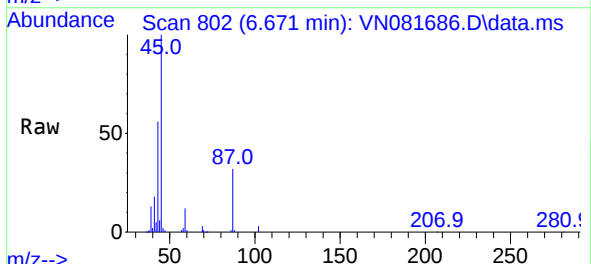
Ion Ratio Lower Upper

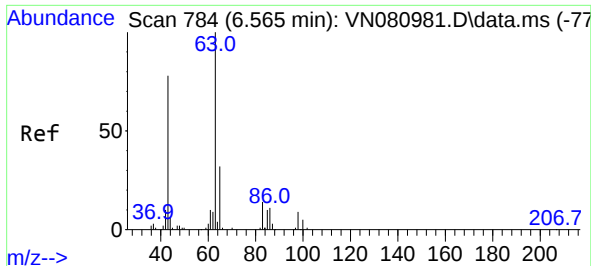
45 100

43 54.9 40.4 60.6

87 32.3 23.8 35.8

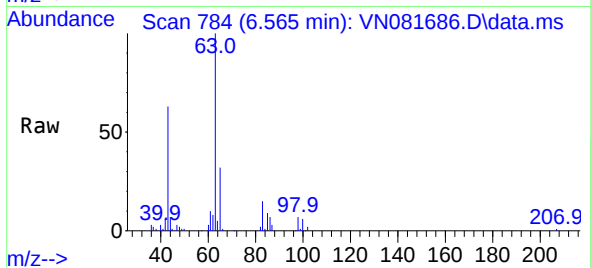
59 11.8 9.8 14.6



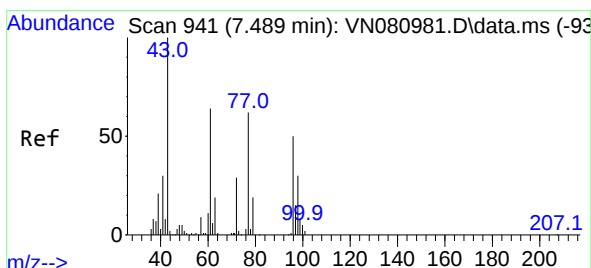
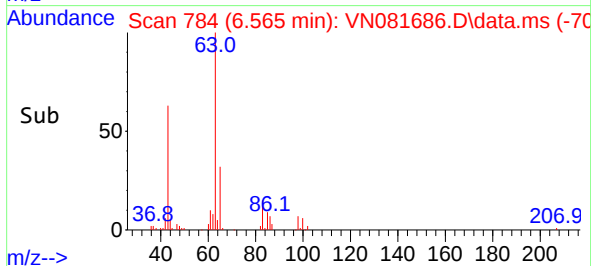
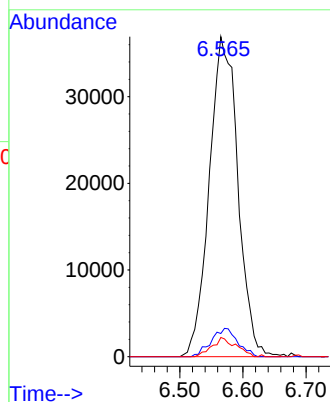


#21  
1,1-Dichloroethane  
Concen: 17.443 ug/l  
RT: 6.565 min Scan# 714  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

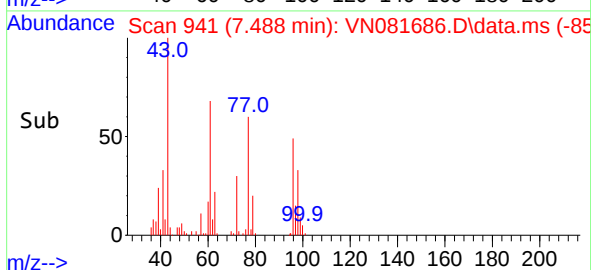
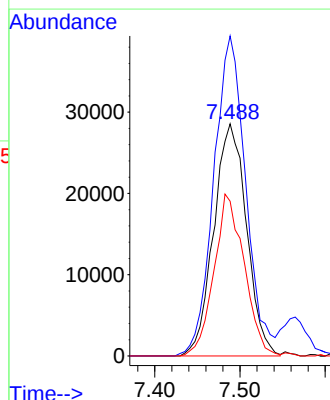
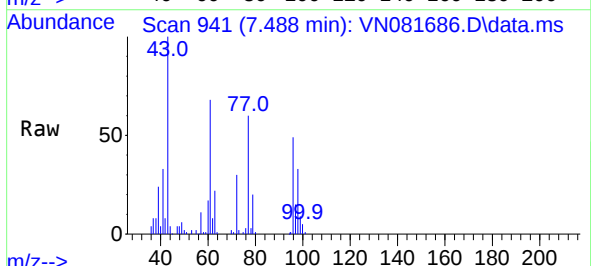


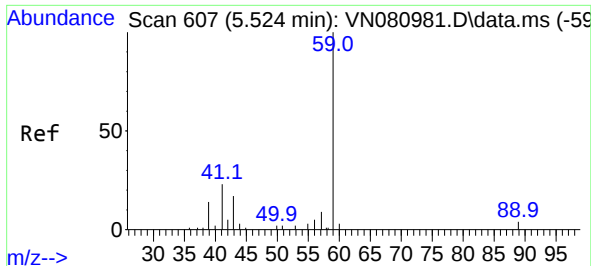
Tgt Ion: 63 Resp: 116070  
Ion Ratio Lower Upper  
63 100  
98 7.3 4.1 12.3  
100 6.0 3.0 9.0



#22  
cis-1,2-Dichloroethene  
Concen: 16.675 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

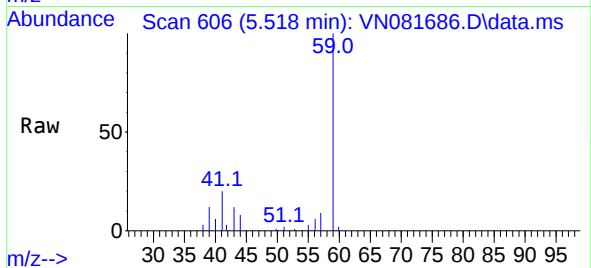
Tgt Ion: 96 Resp: 76524  
Ion Ratio Lower Upper  
96 100  
61 134.3 113.5 170.3  
98 64.0 52.0 78.0



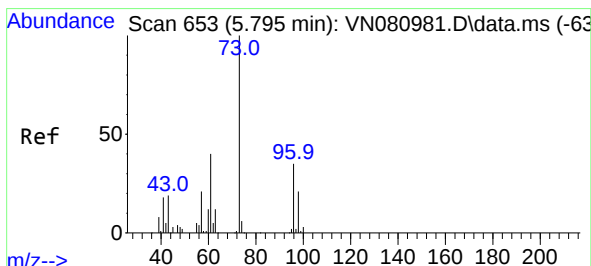
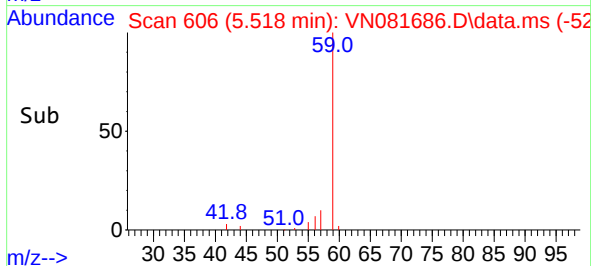
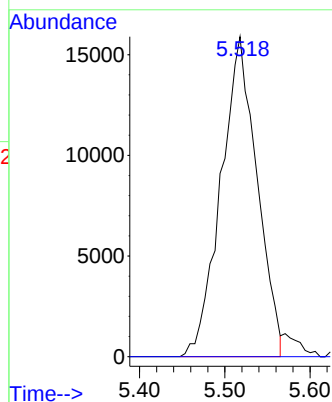


#23  
tert-Butyl Alcohol  
Concen: 83.354 ug/l  
RT: 5.518 min Scan# 607  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

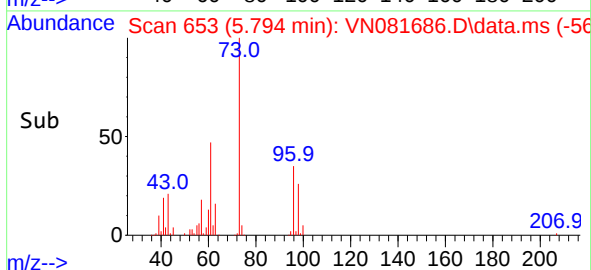
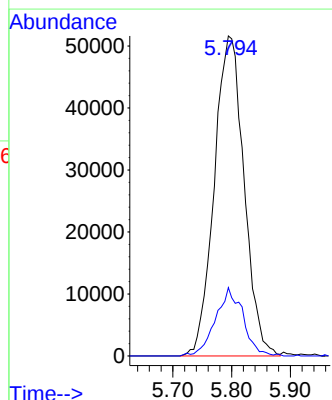
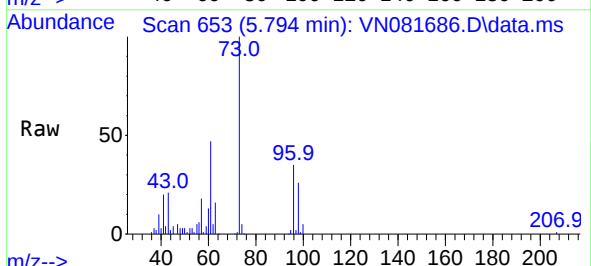


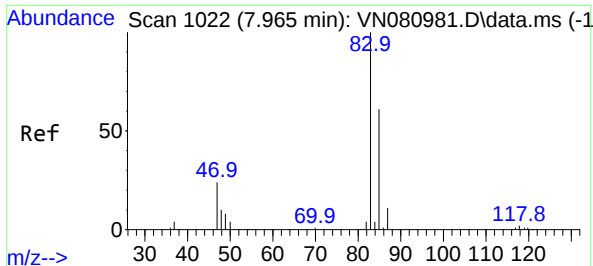
Tgt Ion: 59 Resp: 46869  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 16.746 ug/l  
RT: 5.794 min Scan# 653  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 73 Resp: 181493  
Ion Ratio Lower Upper  
73 100  
43 13.0 13.4 20.2#





#25

Chloroform

Concen: 17.140 ug/l

RT: 7.971 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Instrument :

MSVOA\_N

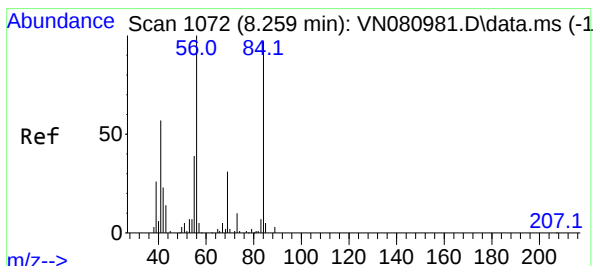
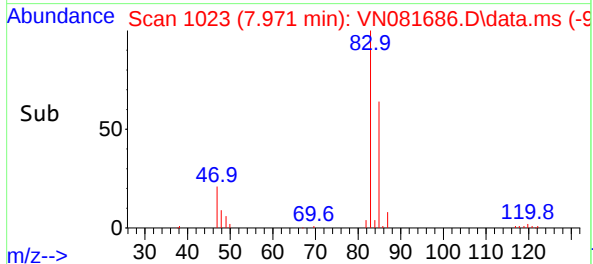
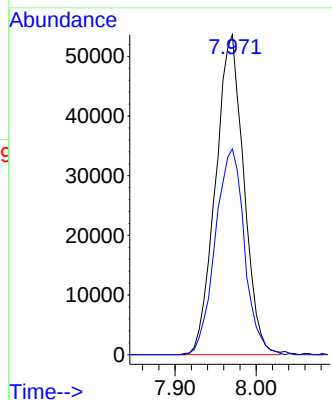
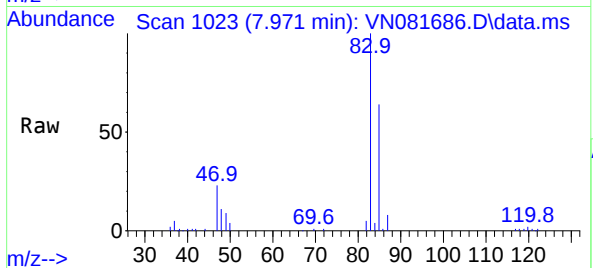
ClientSampleId :

Tgt Ion: 83 Resp: 129768

Ion Ratio Lower Upper

83 100

85 64.3 50.9 76.3



#26

Cyclohexane

Concen: 16.518 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

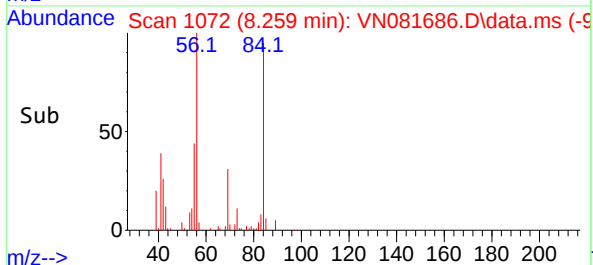
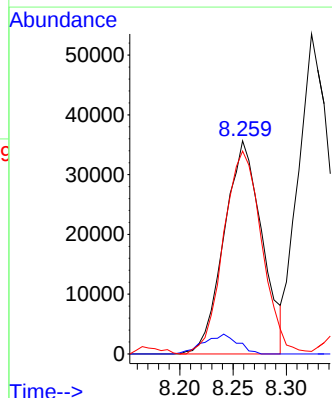
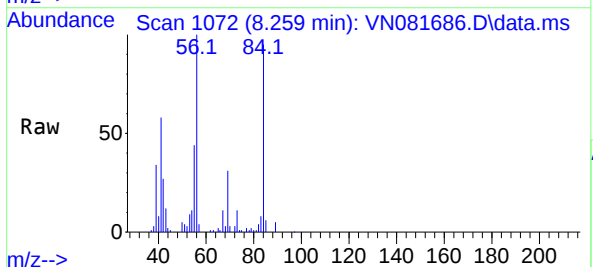
Tgt Ion: 56 Resp: 88114

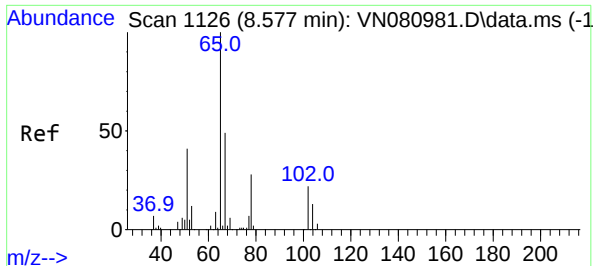
Ion Ratio Lower Upper

56 100

89 8.4 19.3 28.9#

84 96.5 71.3 106.9

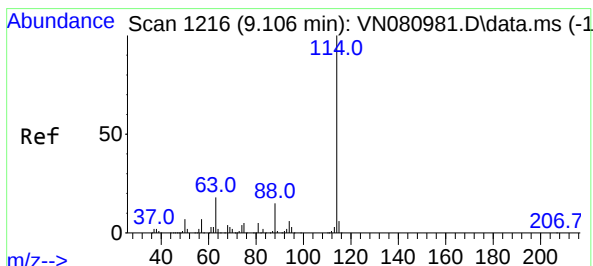
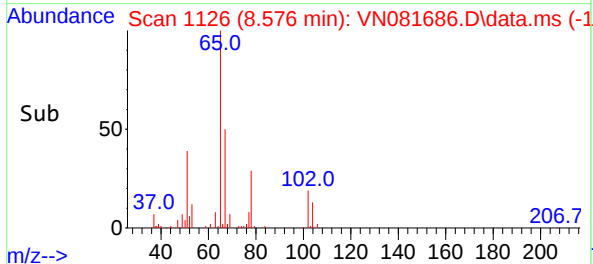
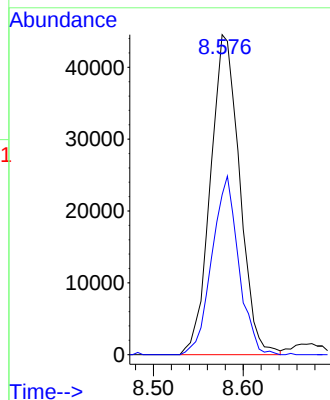
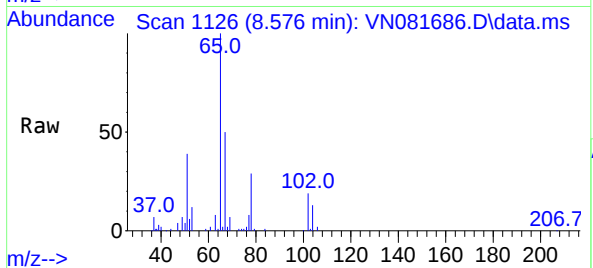




#27  
1,2-Dichloroethane-d4  
Concen: 30.474 ug/l  
RT: 8.576 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

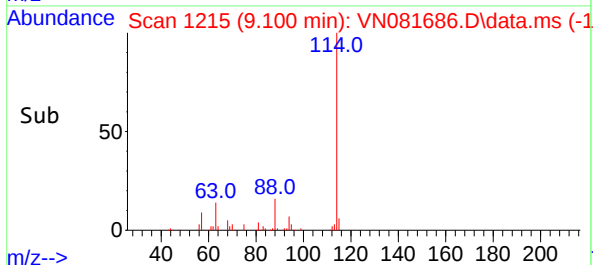
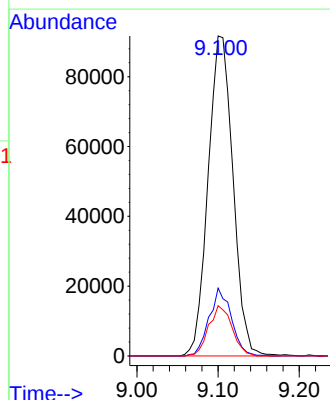
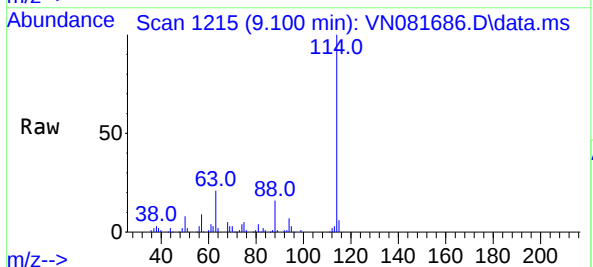
Instrument :  
MSVOA\_N  
ClientSampleId :

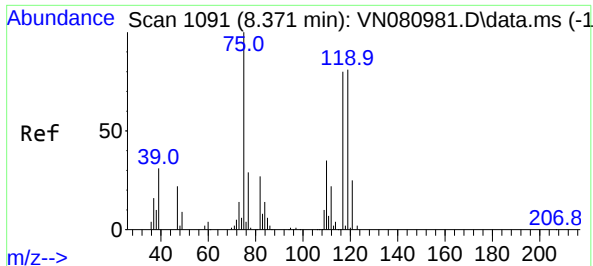
Tgt Ion: 65 Resp: 100746  
Ion Ratio Lower Upper  
65 100  
67 50.7 43.2 64.8



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

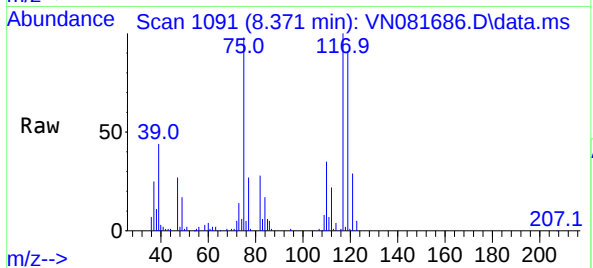
Tgt Ion:114 Resp: 195254  
Ion Ratio Lower Upper  
114 100  
63 18.9 15.9 23.9  
88 14.7 12.7 19.1



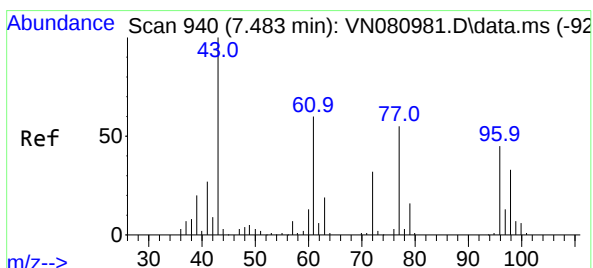
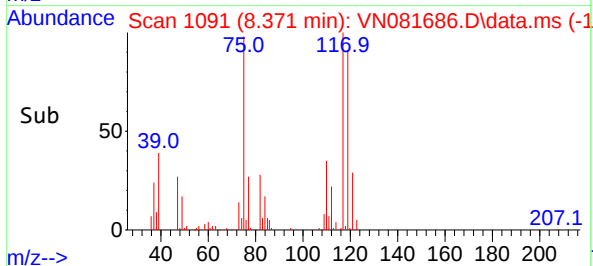
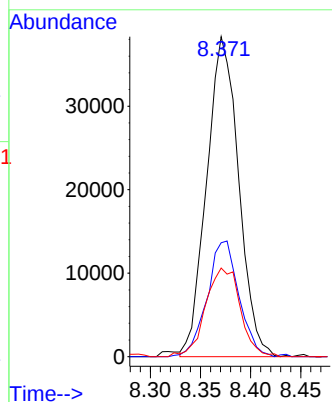


#29  
1,1-Dichloropropene  
Concen: 16.572 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

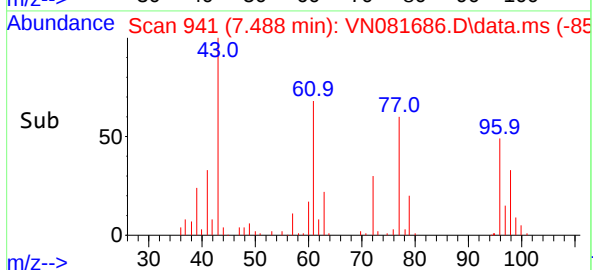
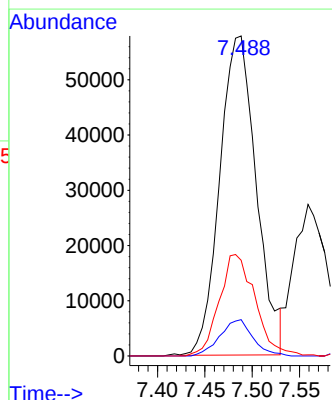
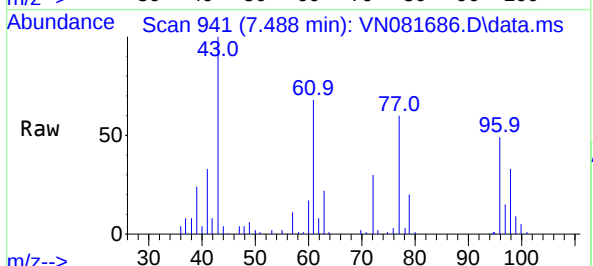


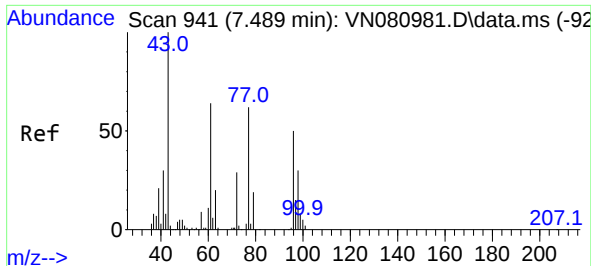
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 85066 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 35.9  | 0.0   | 70.2  |
| 77        | 28.3  | 0.0   | 61.4  |



#30  
2-Butanone  
Concen: 79.276 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

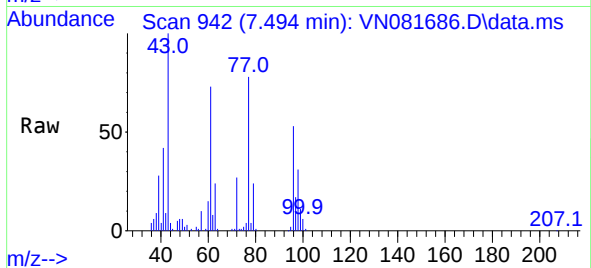
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 155415 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 57        | 10.3  | 6.7   | 10.1#  |
| 72        | 31.2  | 24.0  | 36.0   |



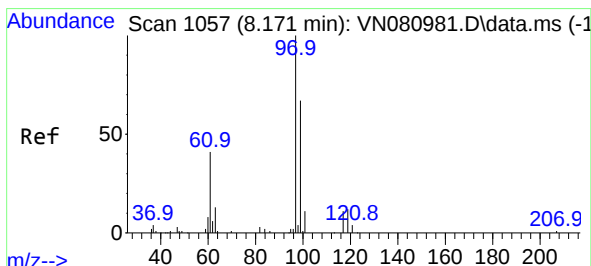
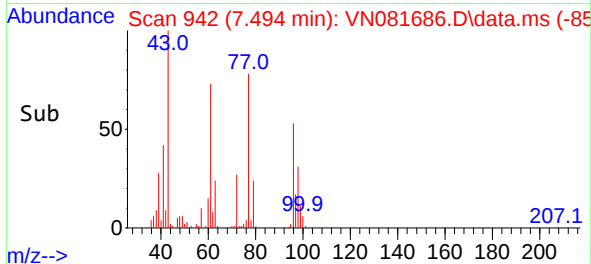
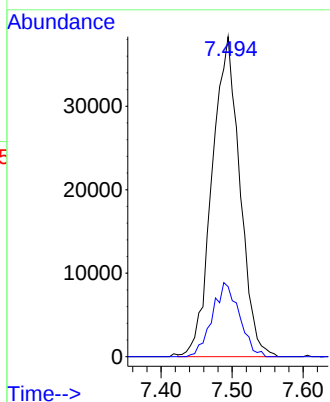


#31  
2,2-Dichloropropane  
Concen: 16.265 ug/l  
RT: 7.494 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

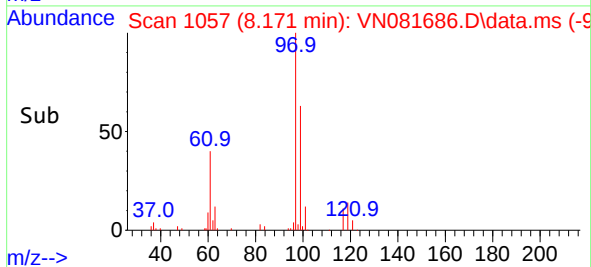
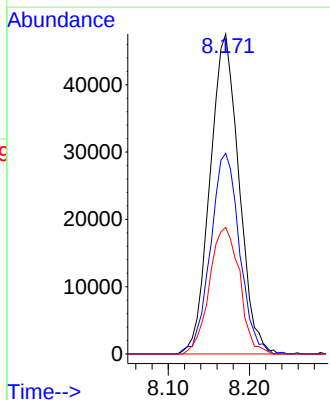
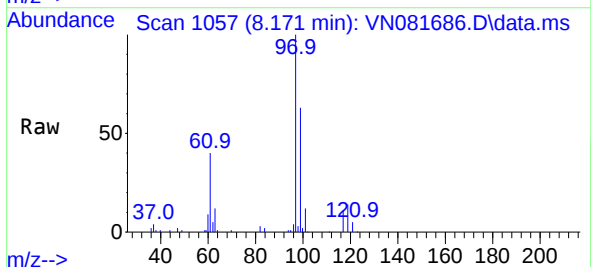


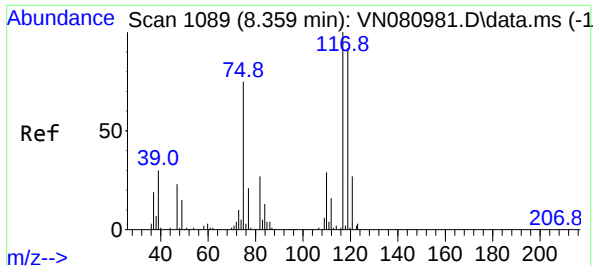
Tgt Ion: 77 Resp: 103994  
Ion Ratio Lower Upper  
77 100  
97 22.4 18.3 27.5



#32  
1,1,1-Trichloroethane  
Concen: 16.583 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

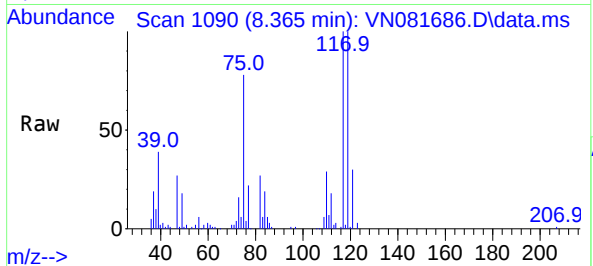
Tgt Ion: 97 Resp: 117319  
Ion Ratio Lower Upper  
97 100  
99 63.2 51.0 76.4  
61 41.4 33.8 50.8



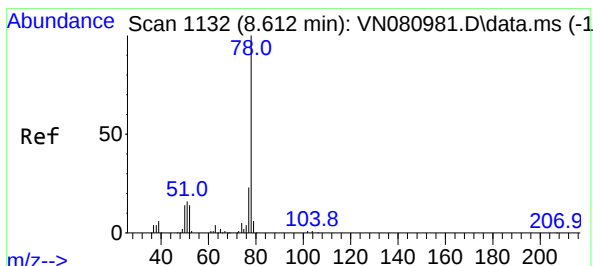
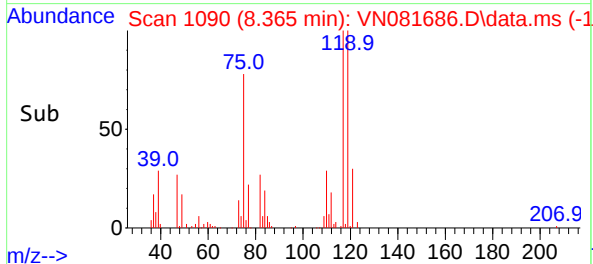
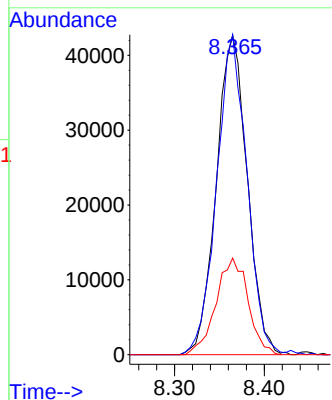


#33  
Carbon Tetrachloride  
Concen: 15.927 ug/l  
RT: 8.365 min Scan# 1109  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

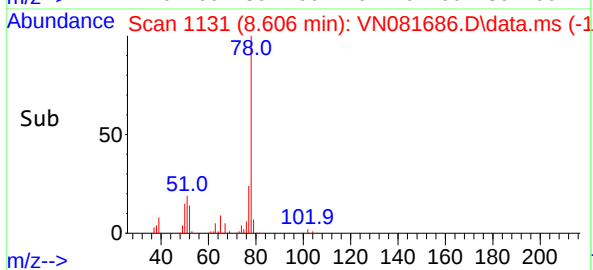
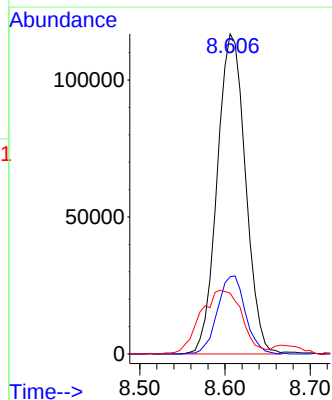
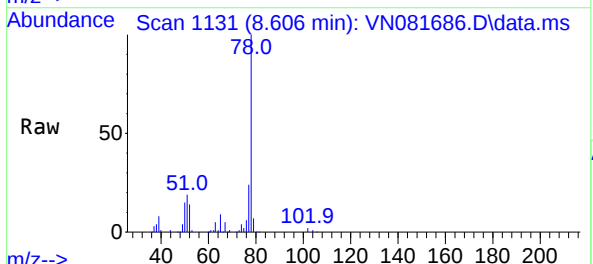


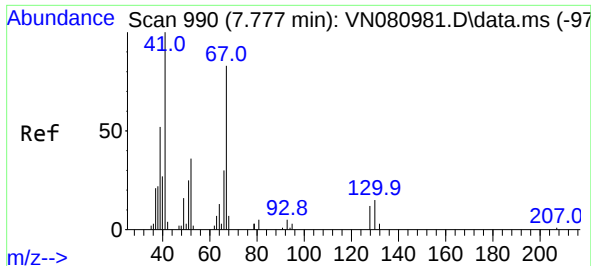
Tgt Ion:117 Resp: 102136  
Ion Ratio Lower Upper  
117 100  
119 100.3 77.7 116.5  
121 30.3 27.0 40.6



#34  
Benzene  
Concen: 16.265 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

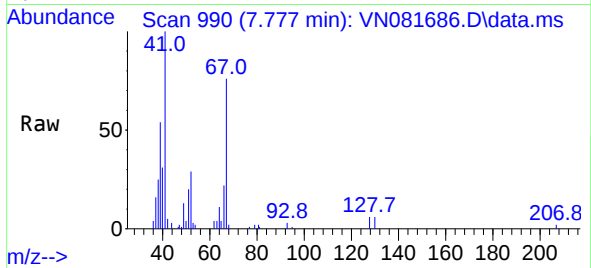
Tgt Ion: 78 Resp: 268966  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.2 28.8  
51 17.9 13.3 19.9



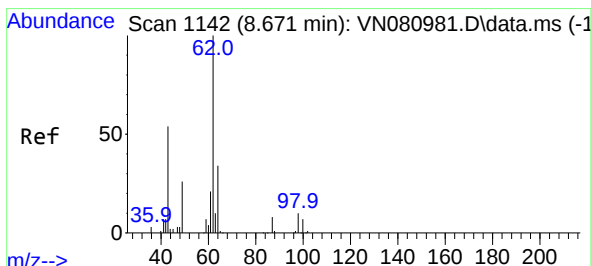
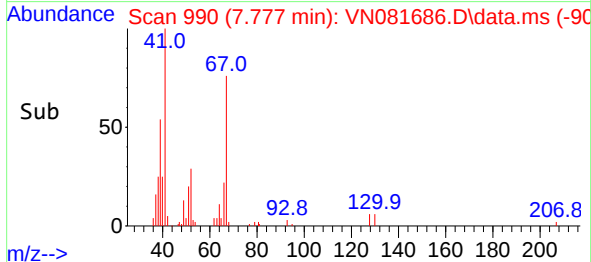
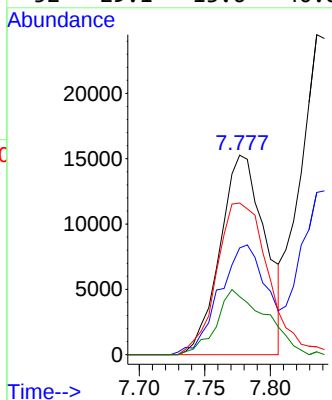


#35  
Methacrylonitrile  
Concen: 16.468 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

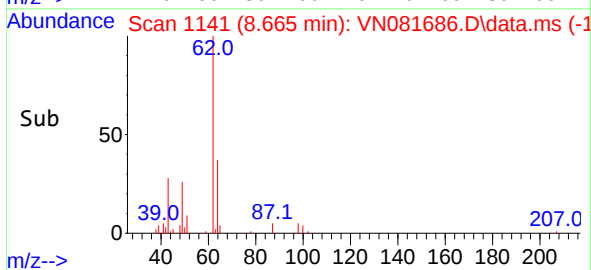
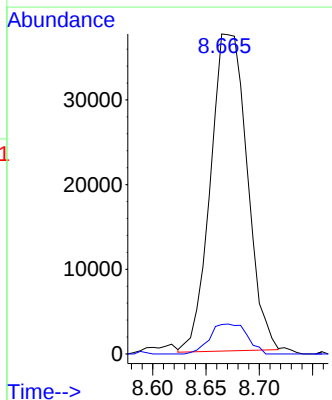
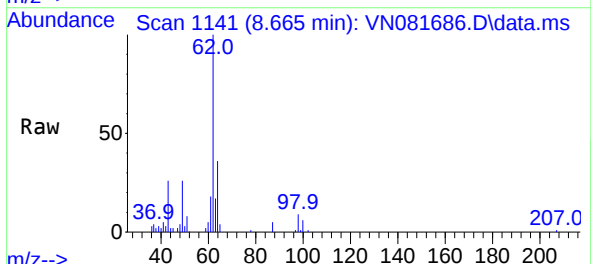


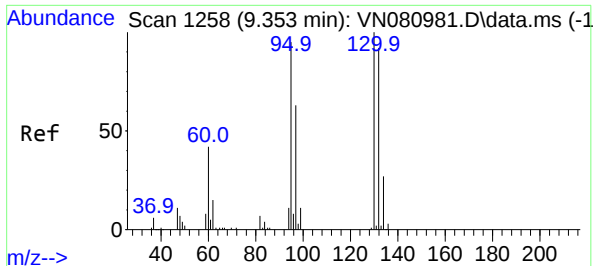
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 36567 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.3  | 25.3  | 75.9  |
| 67       | 76.0  | 38.7  | 116.1 |
| 52       | 29.1  | 13.6  | 40.8  |



#36  
1,2-Dichloroethane  
Concen: 16.496 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 89472 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 6.7   | 8.2   | 12.4  |

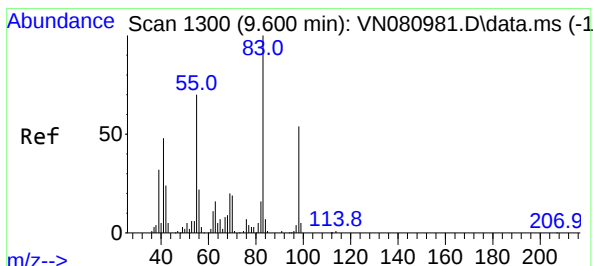
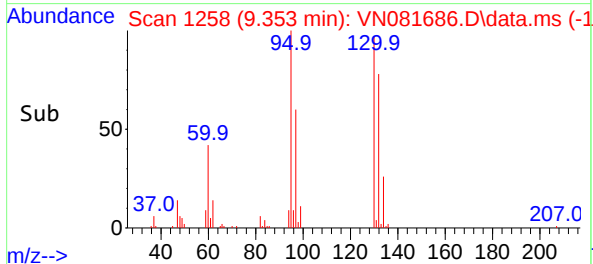
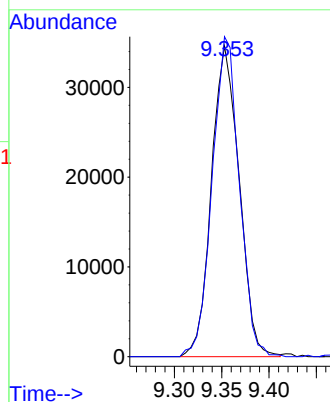
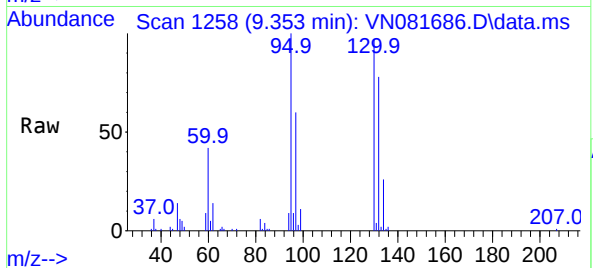




#37  
Trichloroethene  
Concen: 16.142 ug/l  
RT: 9.353 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

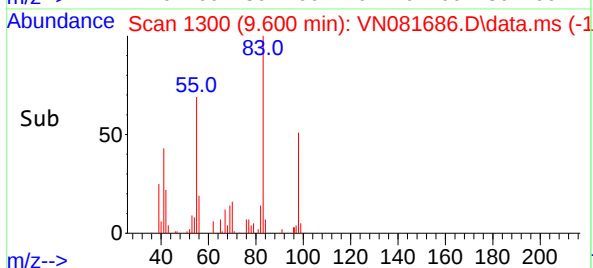
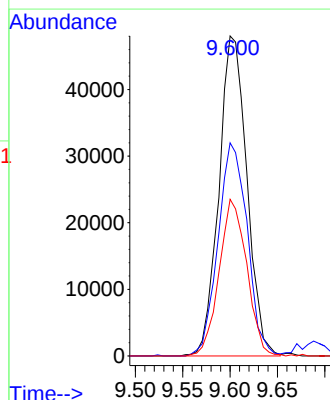
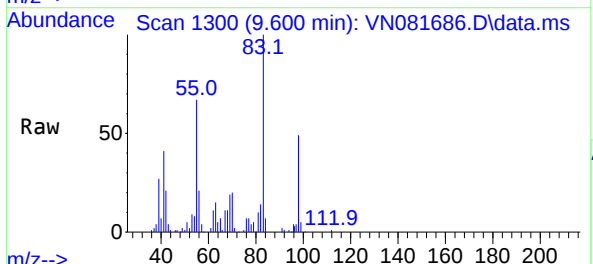
Instrument :  
MSVOA\_N  
ClientSampleId :

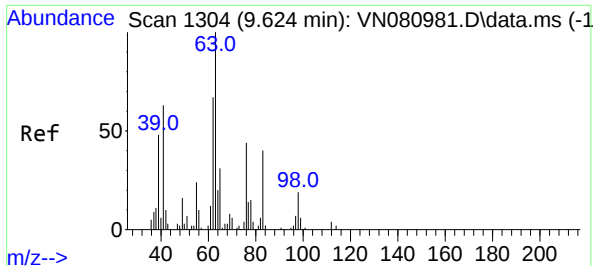
Tgt Ion:130 Resp: 70632  
Ion Ratio Lower Upper  
130 100  
95 103.0 80.2 120.4



#38  
Methylcyclohexane  
Concen: 15.740 ug/l  
RT: 9.600 min Scan# 1300  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

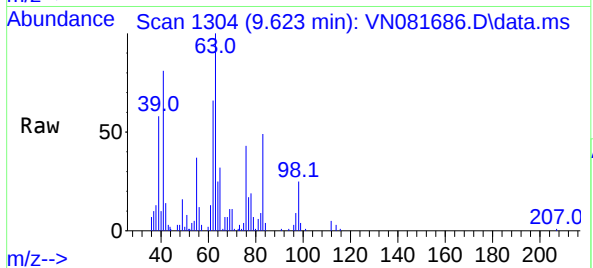
Tgt Ion: 83 Resp: 98755  
Ion Ratio Lower Upper  
83 100  
55 69.4 36.6 109.9  
98 48.4 23.8 71.5



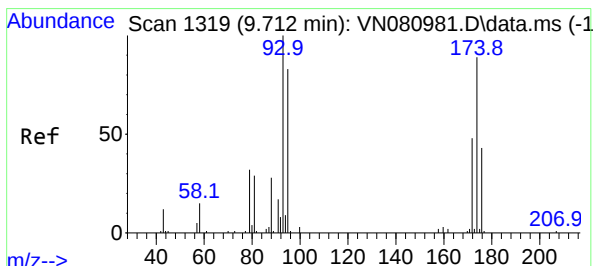
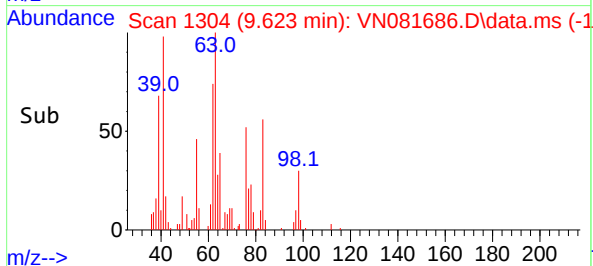
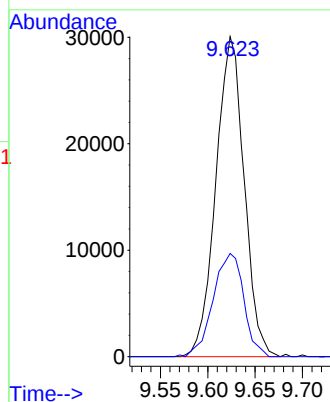


#39  
1,2-Dichloropropane  
Concen: 16.187 ug/l  
RT: 9.623 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

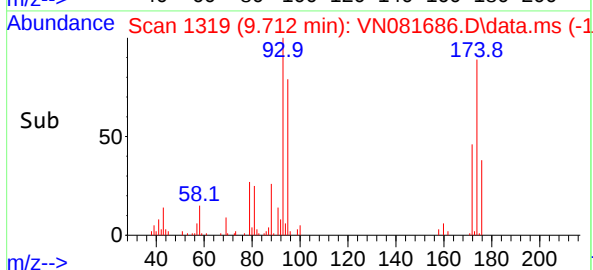
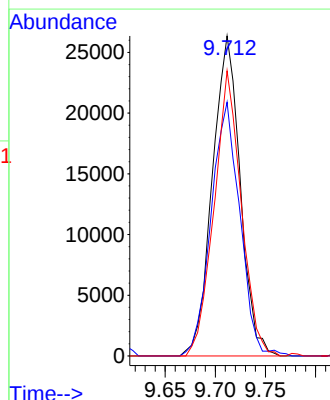
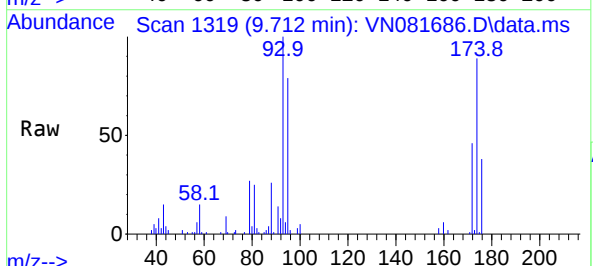


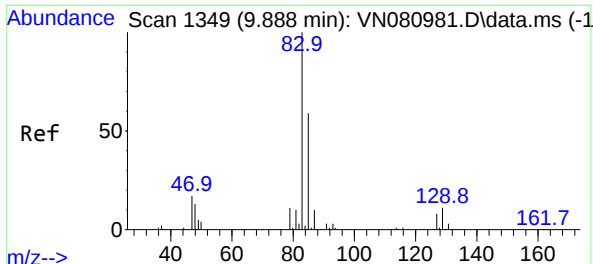
Tgt Ion: 63 Resp: 62445  
Ion Ratio Lower Upper  
63 100  
65 32.3 25.0 37.4



#40  
Dibromomethane  
Concen: 16.517 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

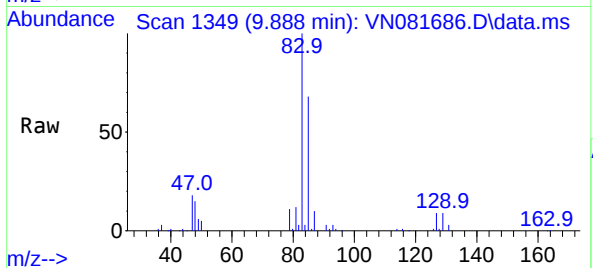
Tgt Ion: 93 Resp: 50755  
Ion Ratio Lower Upper  
93 100  
95 81.3 0.0 164.6  
174 87.0 0.0 193.2



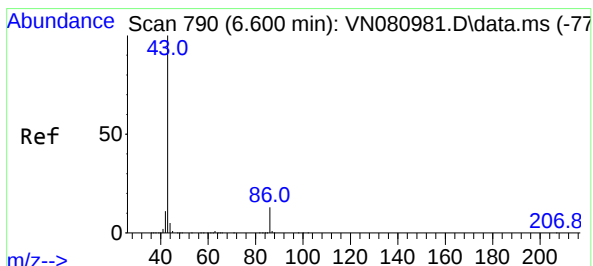
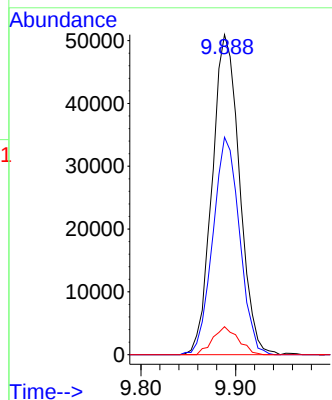
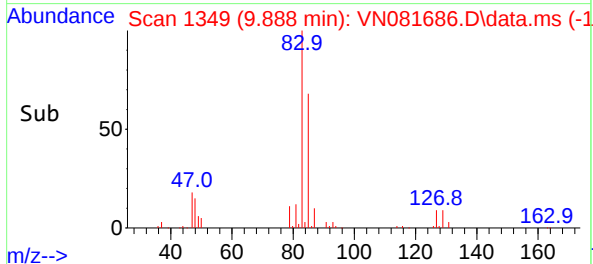


#41  
Bromodichloromethane  
Concen: 16.278 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

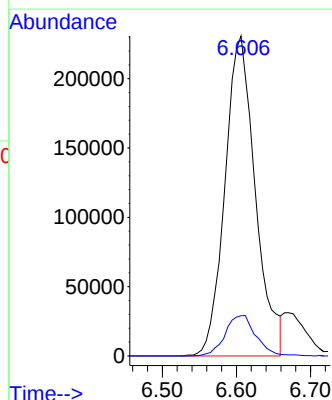
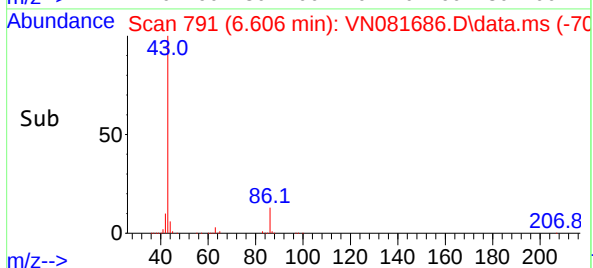
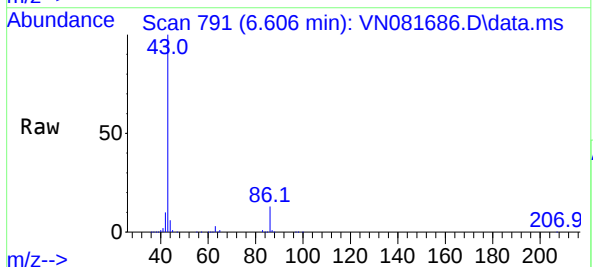


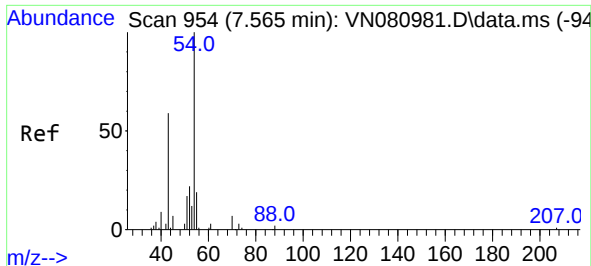
Tgt Ion: 83 Resp: 102006  
Ion Ratio Lower Upper  
83 100  
85 68.0 49.4 74.2  
127 8.8 7.3 10.9



#42  
Vinyl Acetate  
Concen: 80.564 ug/l  
RT: 6.606 min Scan# 791  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

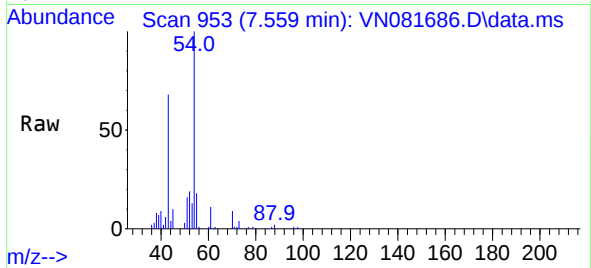
Tgt Ion: 43 Resp: 657953  
Ion Ratio Lower Upper  
43 100  
86 12.8 9.4 14.2



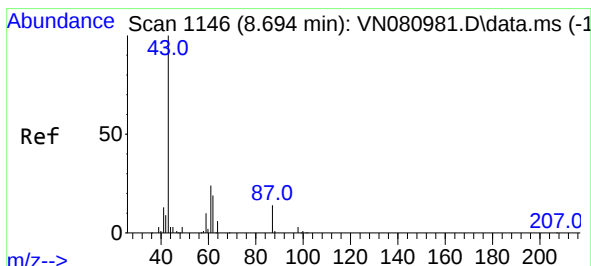
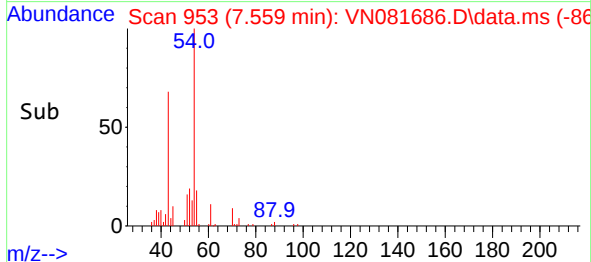
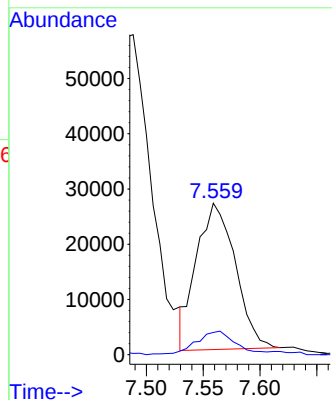


#43  
Ethyl Acetate  
Concen: 14.588 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

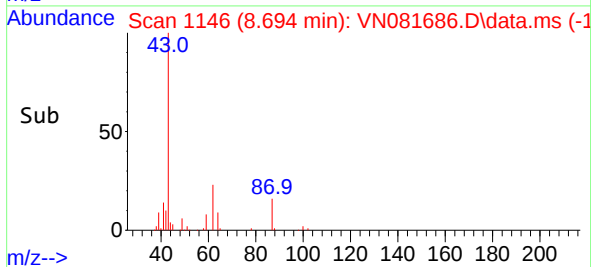
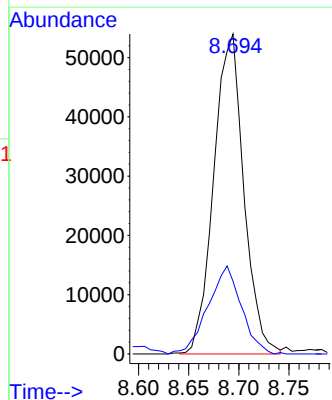
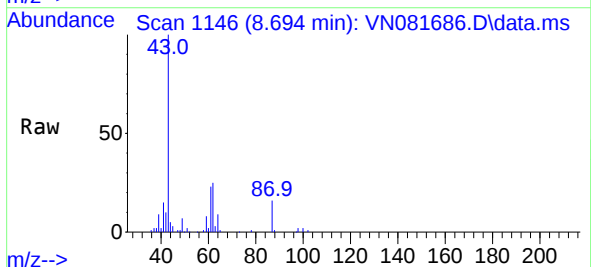


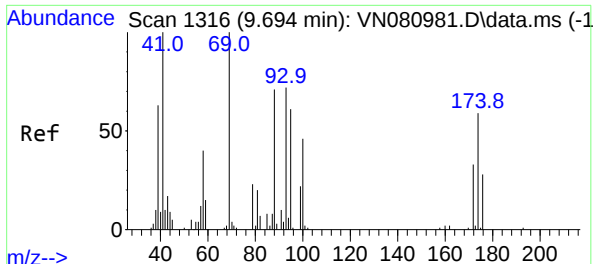
Tgt Ion: 43 Resp: 63030  
Ion Ratio Lower Upper  
43 100  
45 16.3 10.6 15.8#



#44  
Isopropyl Acetate  
Concen: 15.541 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

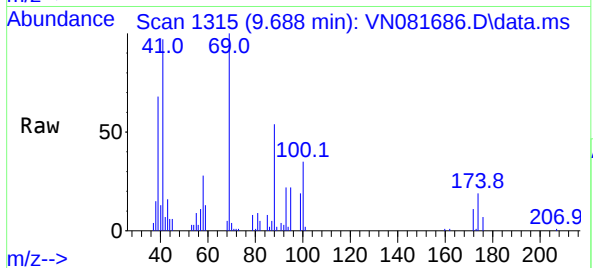
Tgt Ion: 43 Resp: 112511  
Ion Ratio Lower Upper  
43 100  
61 30.4 25.0 37.4



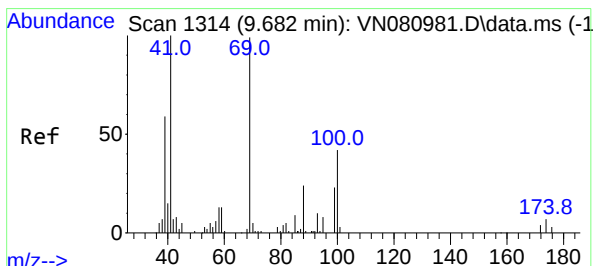
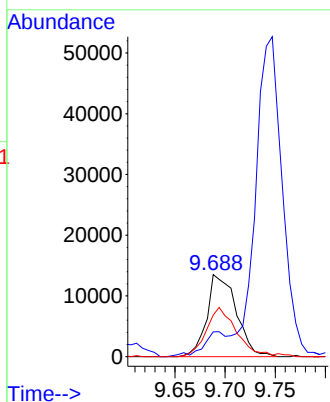
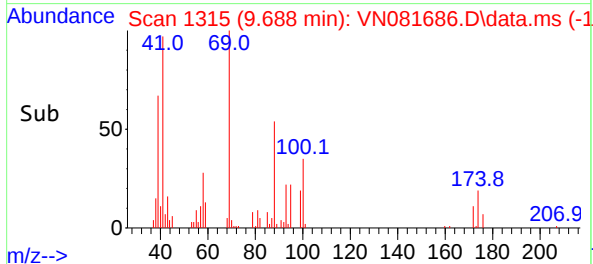


#45  
1,4-Dioxane  
Concen: 345.328 ug/l  
RT: 9.688 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

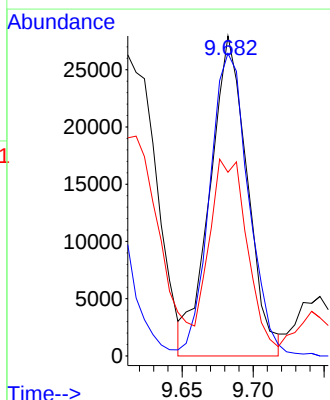
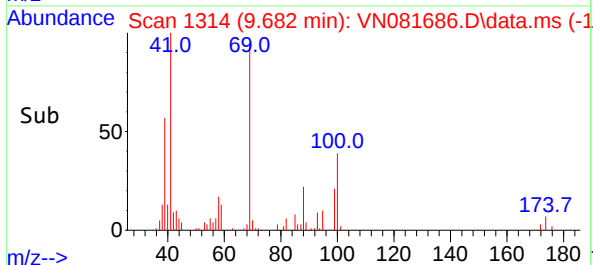
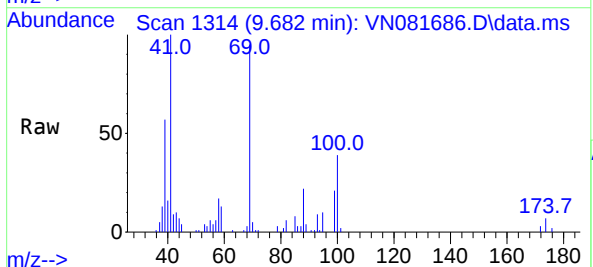


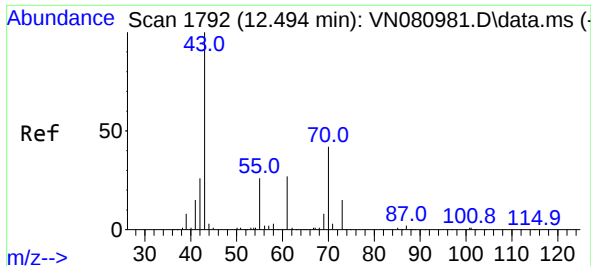
Tgt Ion: 88 Resp: 27597  
Ion Ratio Lower Upper  
88 100  
43 21.1 19.8 29.6  
58 60.0 55.4 83.0



#46  
Methyl methacrylate  
Concen: 15.728 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 41 Resp: 51202  
Ion Ratio Lower Upper  
41 100  
69 99.4 51.1 153.3  
39 58.5 25.8 77.3

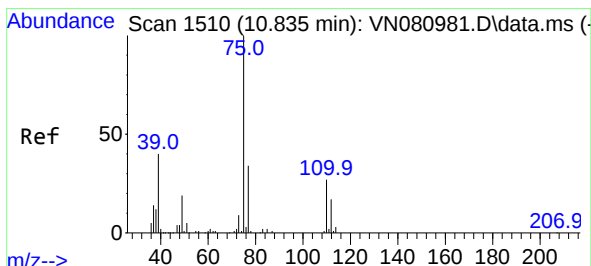
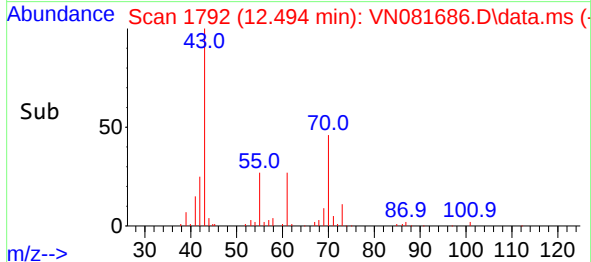
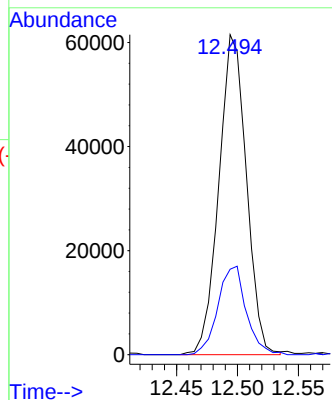
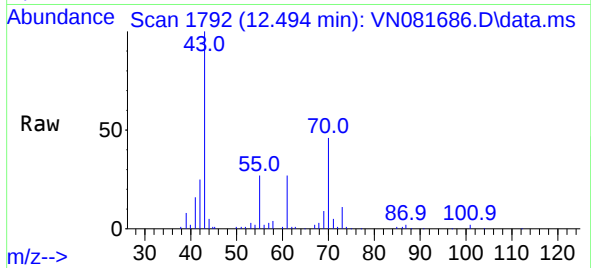




#47  
n-amyl acetate  
Concen: 14.877 ug/l  
RT: 12.494 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

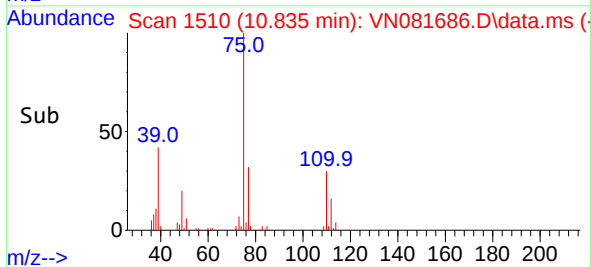
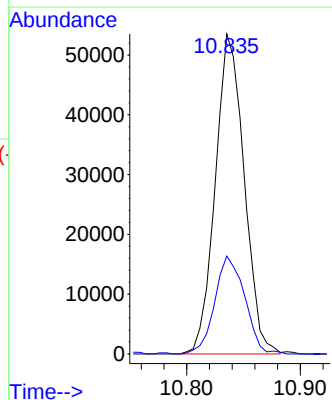
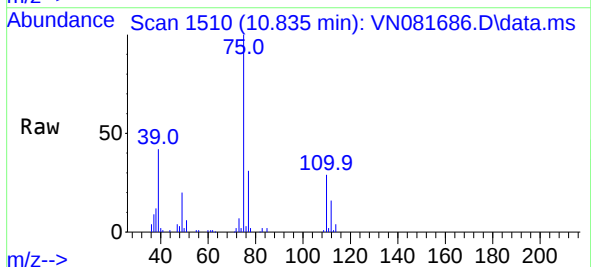
Instrument :  
MSVOA\_N  
ClientSampleId :

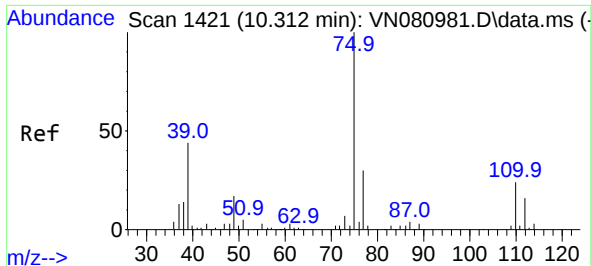
Tgt Ion: 43 Resp: 96643  
Ion Ratio Lower Upper  
43 100  
55 28.5 23.4 35.2



#48  
t-1,3-Dichloropropene  
Concen: 15.819 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 75 Resp: 94440  
Ion Ratio Lower Upper  
75 100  
77 30.6 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 16.388 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Instrument :

MSVOA\_N

ClientSampleId :

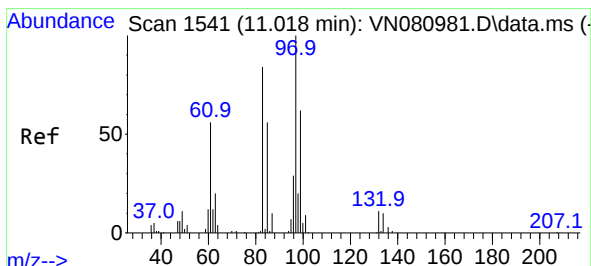
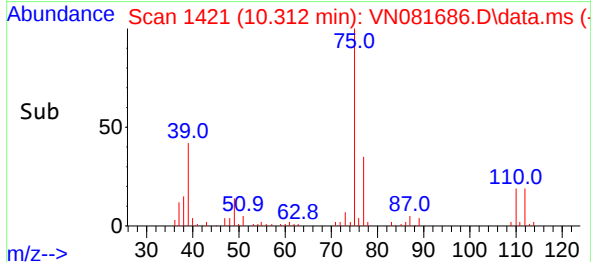
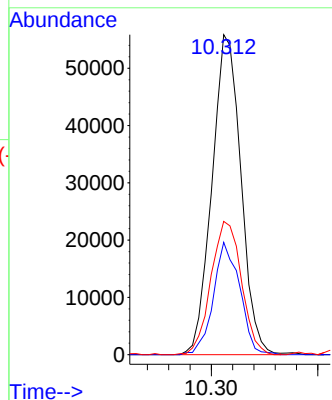
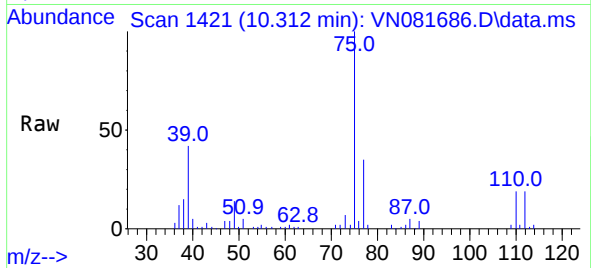
Tgt Ion: 75 Resp: 105364

Ion Ratio Lower Upper

75 100

77 35.1 24.9 37.3

39 41.7 31.0 46.6



#50

1,1,2-Trichloroethane

Concen: 16.625 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Tgt Ion: 97 Resp: 68406

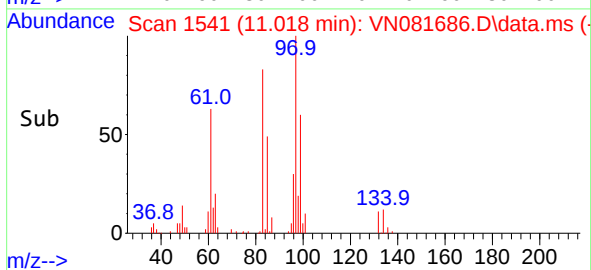
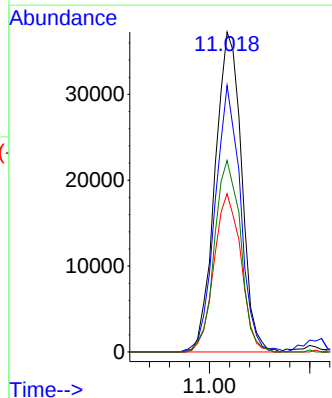
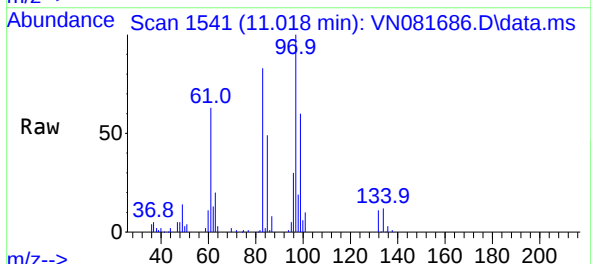
Ion Ratio Lower Upper

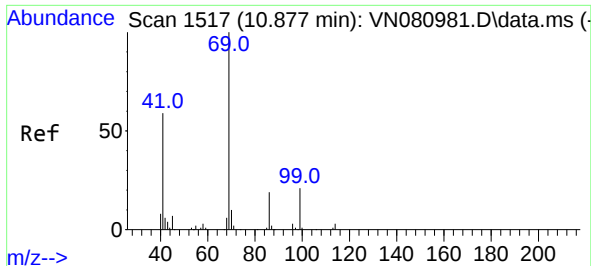
97 100

83 83.3 68.1 102.1

85 49.4 41.8 62.6

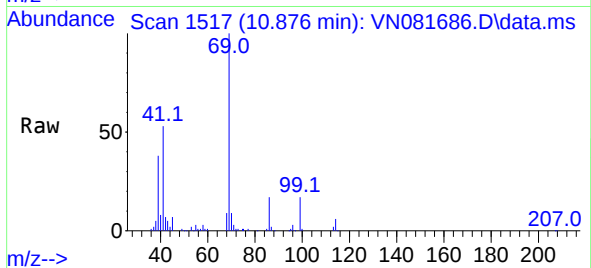
99 59.9 47.0 70.4



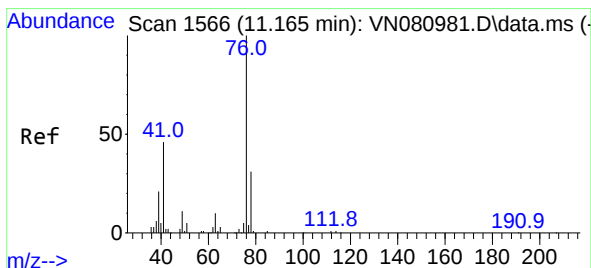
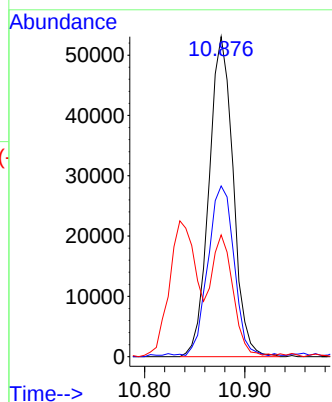
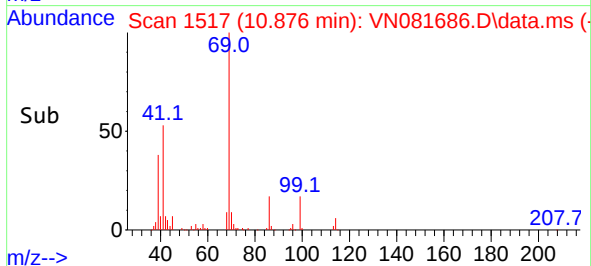


#51  
Ethyl methacrylate  
Concen: 15.555 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

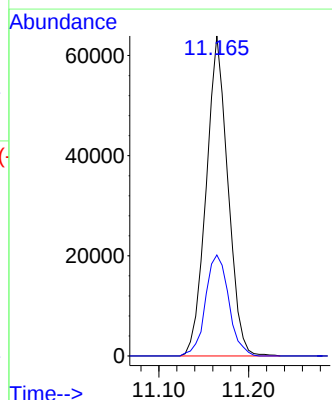
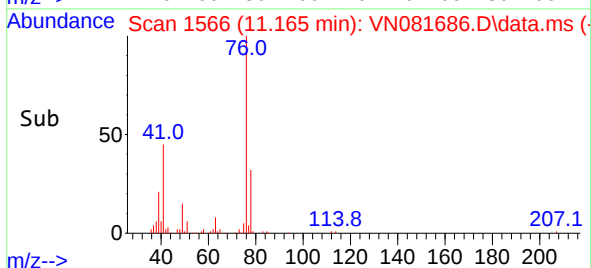
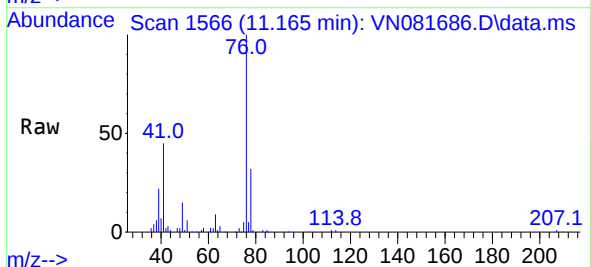


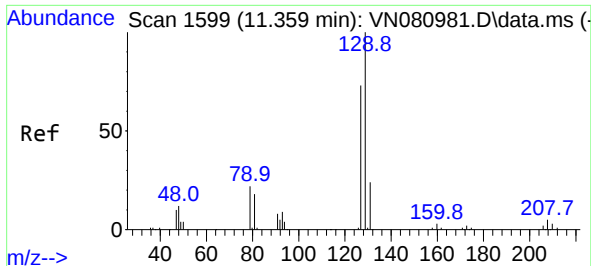
Tgt Ion: 69 Resp: 89119  
Ion Ratio Lower Upper  
69 100  
41 52.9 25.5 76.5  
39 37.2 16.0 47.9



#52  
1,3-Dichloropropane  
Concen: 15.927 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 76 Resp: 107419  
Ion Ratio Lower Upper  
76 100  
78 33.8 0.0 65.8

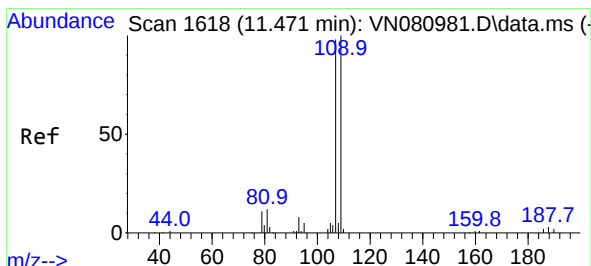
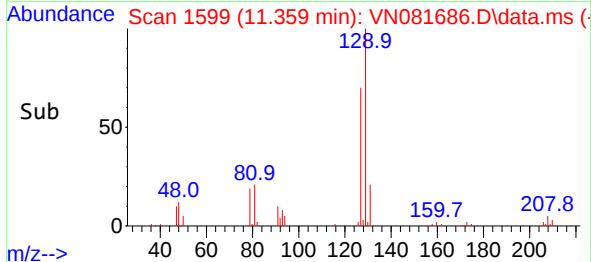
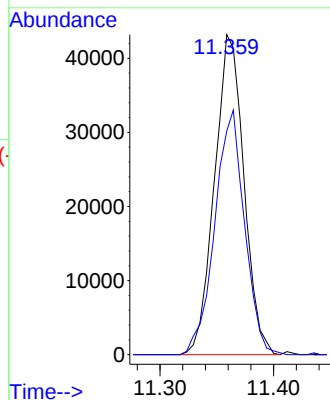
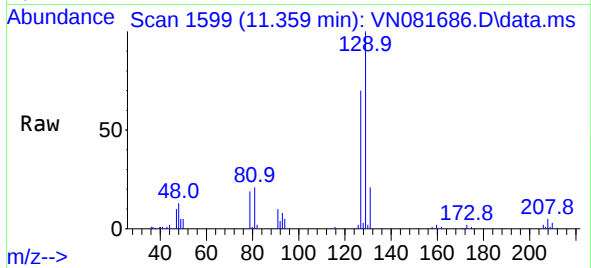




#53  
Dibromochloromethane  
Concen: 15.807 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

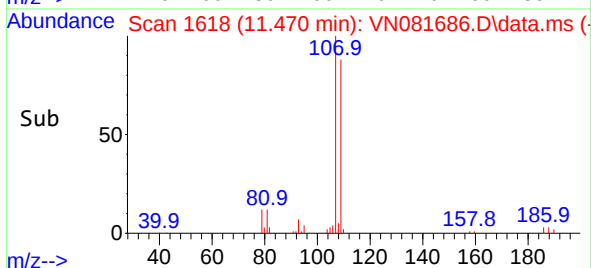
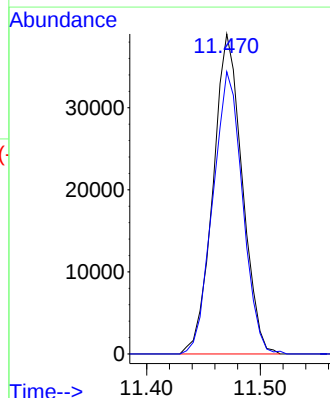
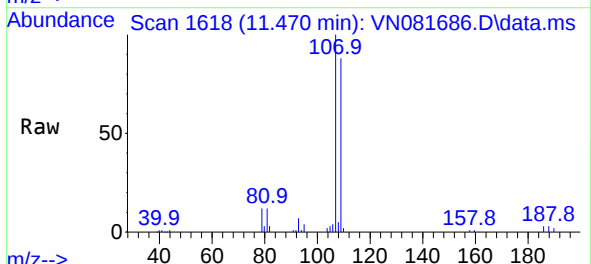
Instrument :  
MSVOA\_N  
ClientSampleId :

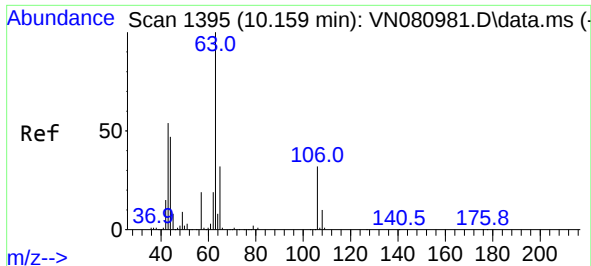
Tgt Ion:129 Resp: 77697  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.4 118.1



#54  
1,2-Dibromoethane  
Concen: 16.352 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion:107 Resp: 69550  
Ion Ratio Lower Upper  
107 100  
109 89.7 74.7 112.1

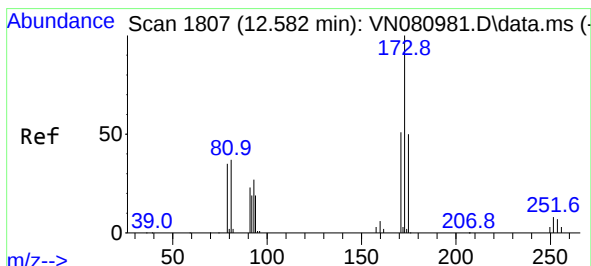
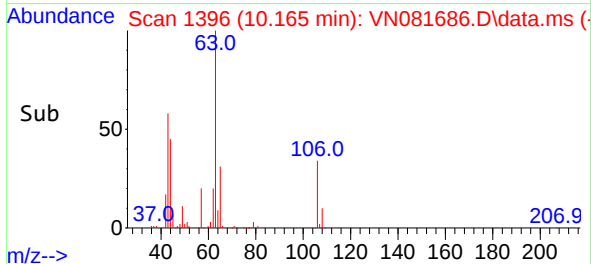
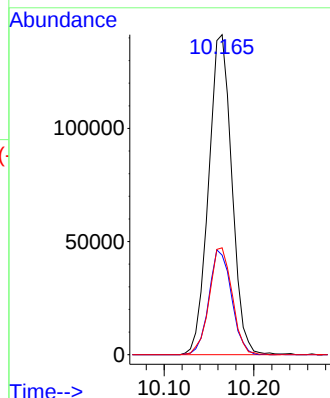
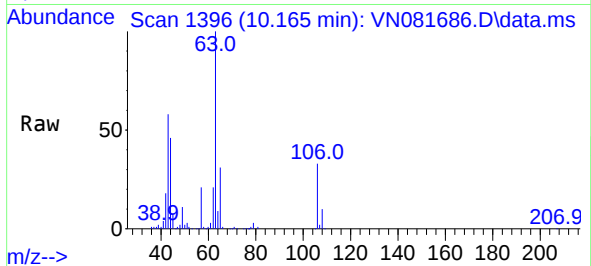




#55  
2-Chloroethyl vinyl ether  
Concen: 90.436 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

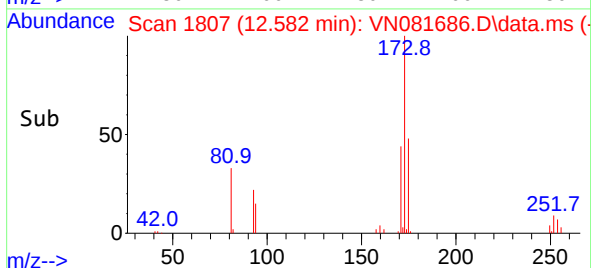
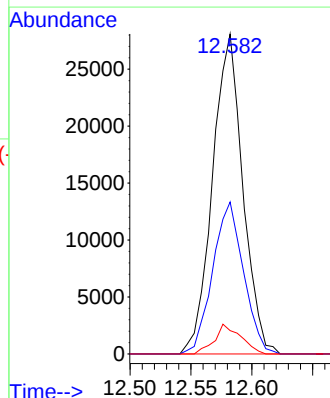
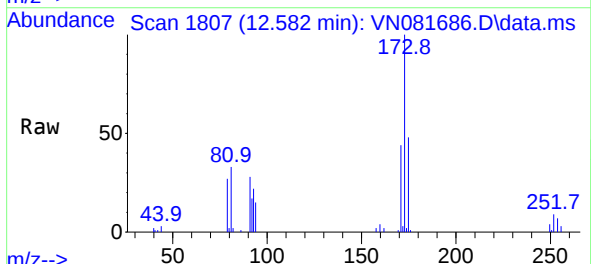
Instrument :  
MSVOA\_N  
ClientSampleId :

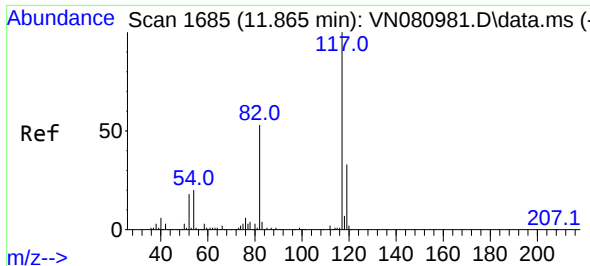
Tgt Ion: 63 Resp: 254444  
Ion Ratio Lower Upper  
63 100  
65 31.9 26.2 39.2  
106 32.9 23.8 35.8



#56  
Bromoform  
Concen: 15.473 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

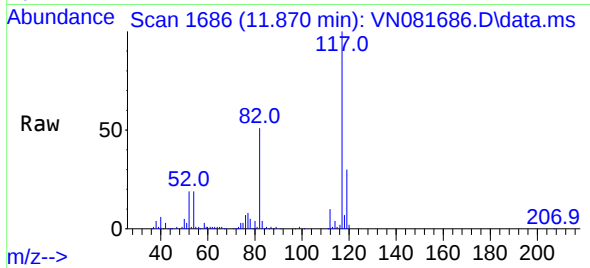
Tgt Ion:173 Resp: 48630  
Ion Ratio Lower Upper  
173 100  
175 48.4 40.0 60.0  
254 8.0 8.3 12.5#



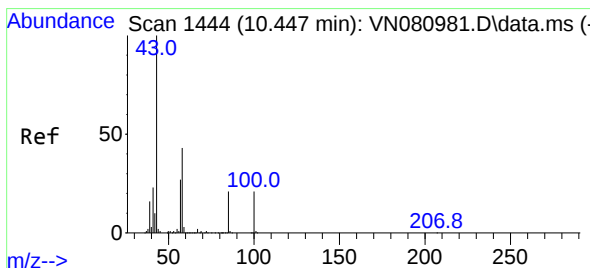
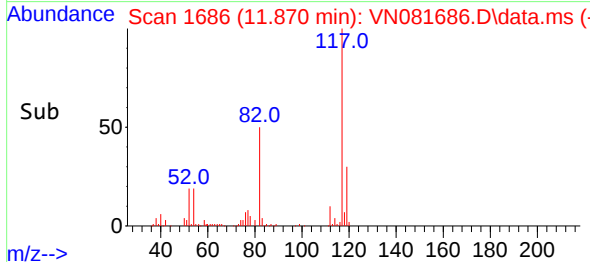
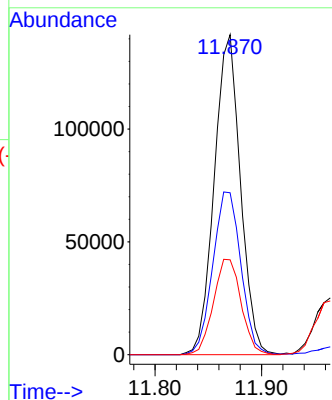


#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

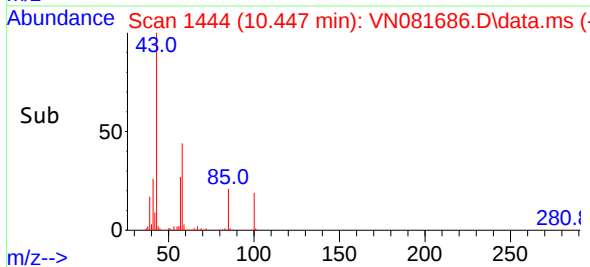
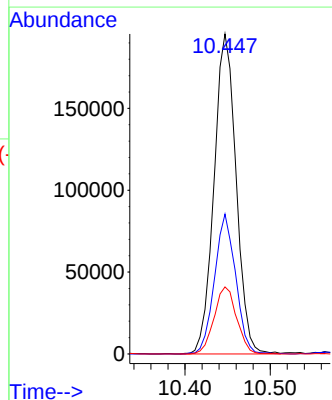
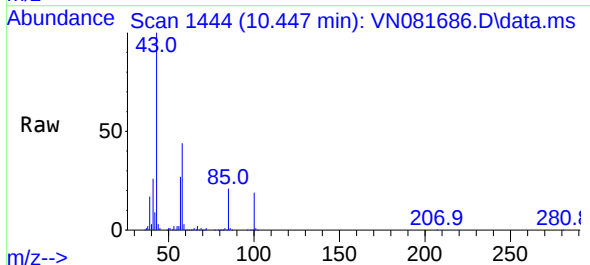


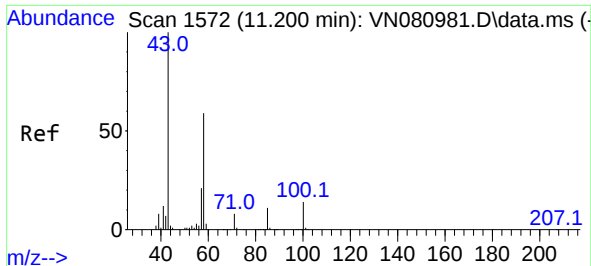
Tgt Ion:117 Resp: 242030  
Ion Ratio Lower Upper  
117 100  
82 54.6 46.6 69.8  
119 31.6 25.4 38.2



#58  
4-Methyl-2-Pentanone  
Concen: 84.787 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

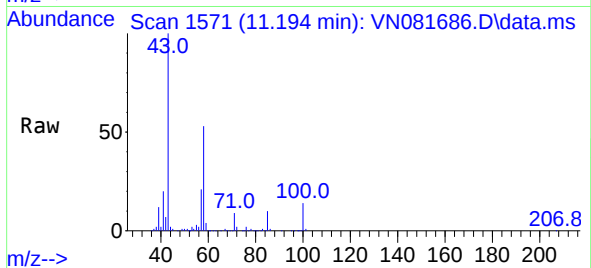
Tgt Ion: 43 Resp: 352902  
Ion Ratio Lower Upper  
43 100  
58 41.8 36.5 54.7  
85 21.3 19.5 29.3



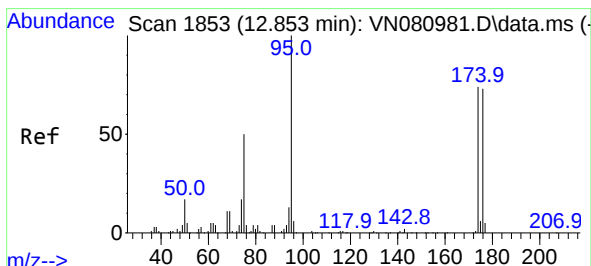
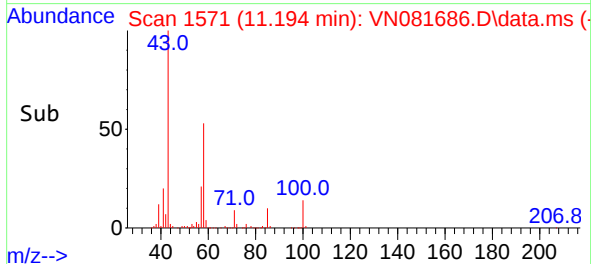
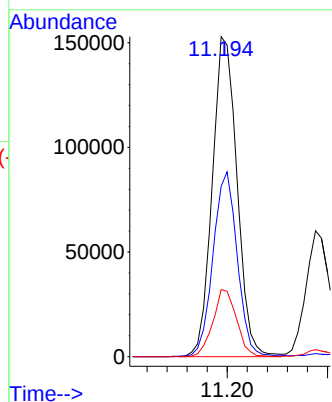


#59  
2-Hexanone  
Concen: 83.844 ug/l  
RT: 11.194 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

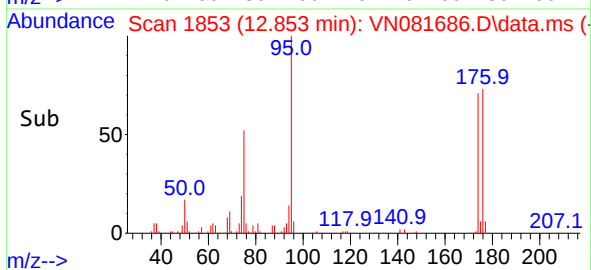
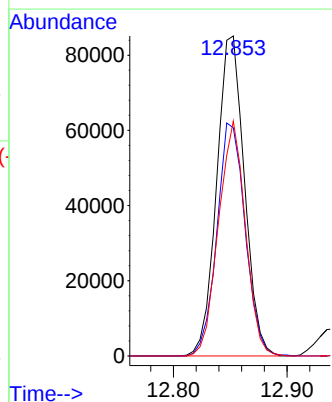
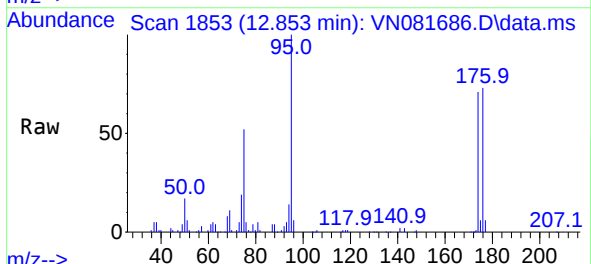


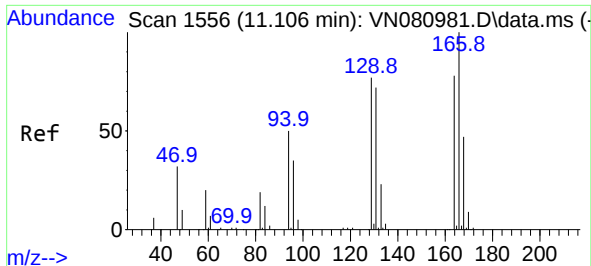
Tgt Ion: 43 Resp: 262083  
Ion Ratio Lower Upper  
43 100  
58 56.5 50.4 75.6  
57 20.1 18.6 27.8



#60  
4-Bromofluorobenzene  
Concen: 30.317 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

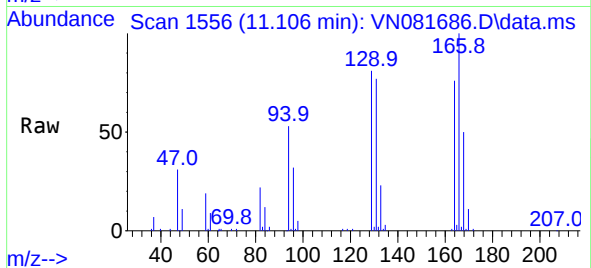
Tgt Ion: 95 Resp: 144260  
Ion Ratio Lower Upper  
95 100  
174 74.1 60.5 90.7  
176 71.1 57.8 86.6



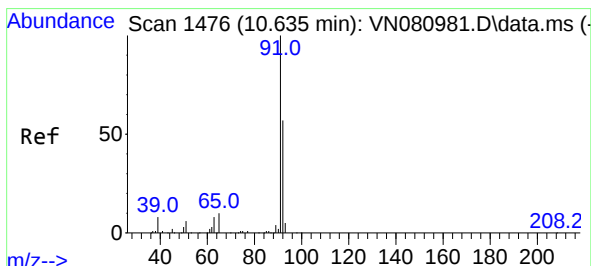
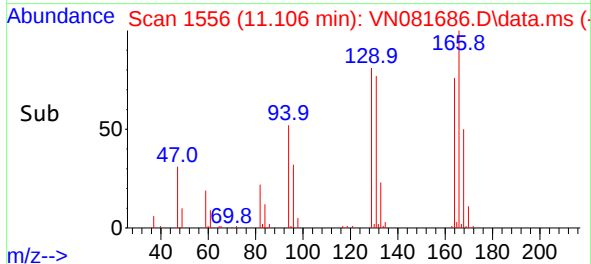
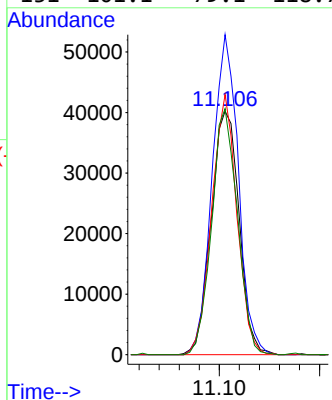


#61  
Tetrachloroethene  
Concen: 17.351 ug/l  
RT: 11.106 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

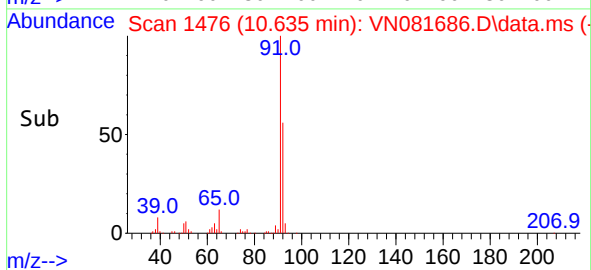
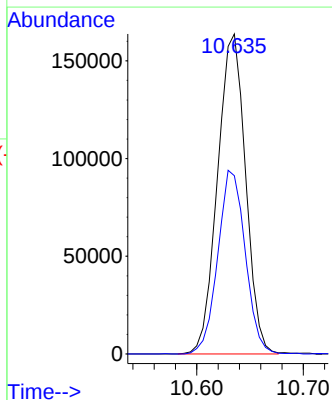
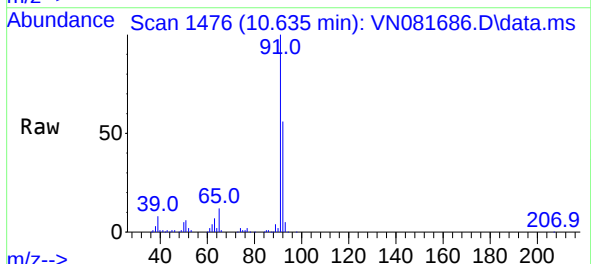


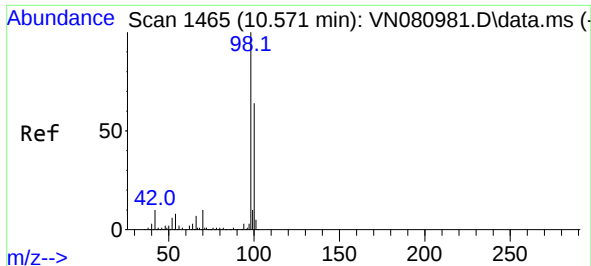
Tgt Ion:164 Resp: 77815  
Ion Ratio Lower Upper  
164 100  
166 131.4 106.7 160.1  
129 106.8 85.8 128.6  
131 101.1 79.1 118.7



#62  
Toluene  
Concen: 17.002 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 91 Resp: 299374  
Ion Ratio Lower Upper  
91 100  
92 56.2 46.5 69.7

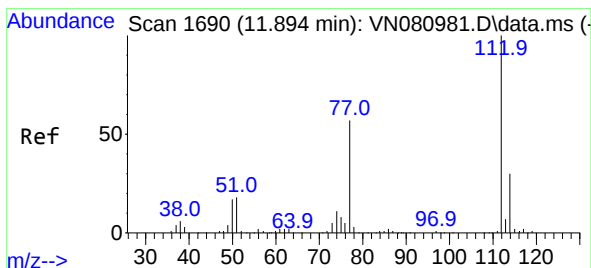
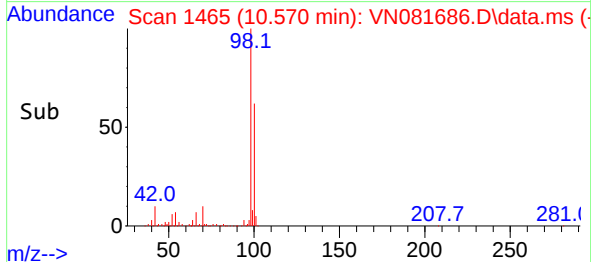
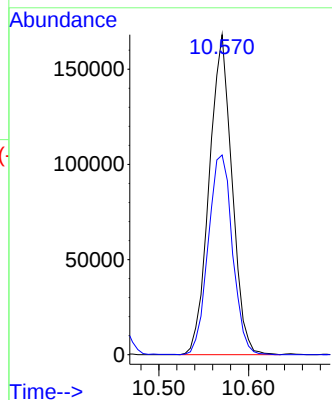
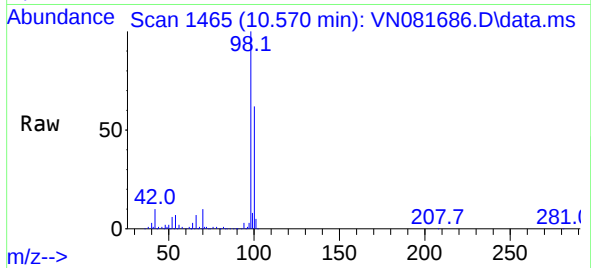




#63  
Toluene-d8  
Concen: 30.546 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

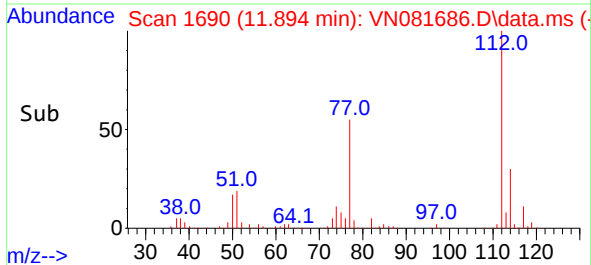
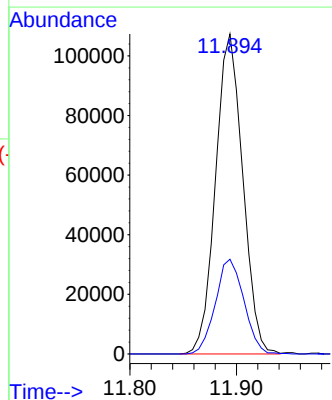
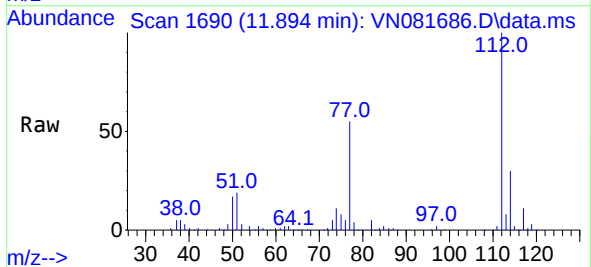
Instrument :  
MSVOA\_N  
ClientSampleId :

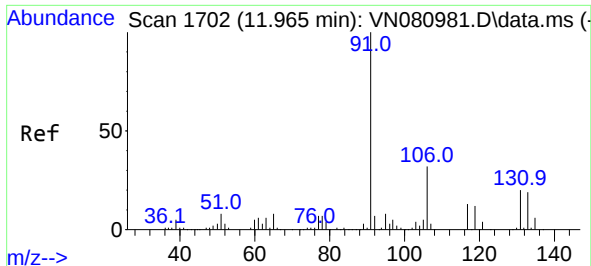
Tgt Ion: 98 Resp: 296551  
Ion Ratio Lower Upper  
98 100  
100 66.3 52.7 79.1



#64  
Chlorobenzene  
Concen: 17.039 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 112 Resp: 190242  
Ion Ratio Lower Upper  
112 100  
114 29.6 26.6 39.8

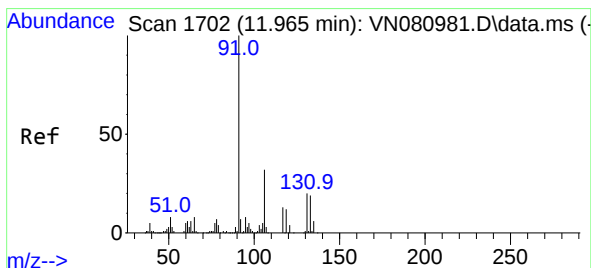
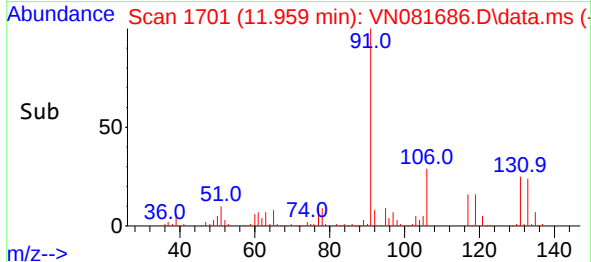
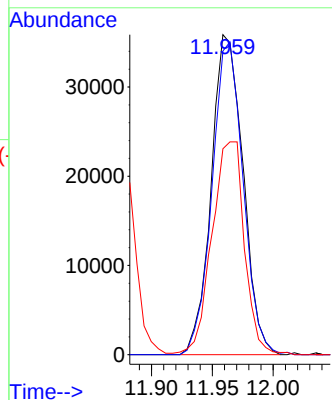
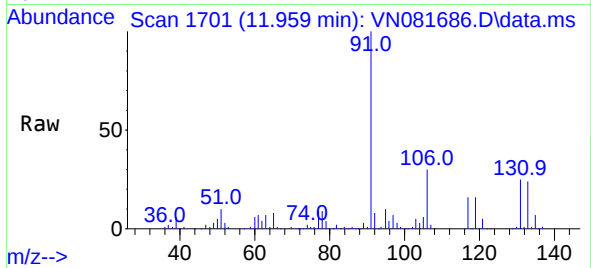




#65  
1,1,1,2-Tetrachloroethane  
Concen: 16.047 ug/l  
RT: 11.959 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

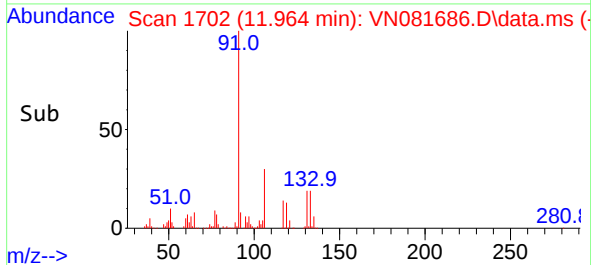
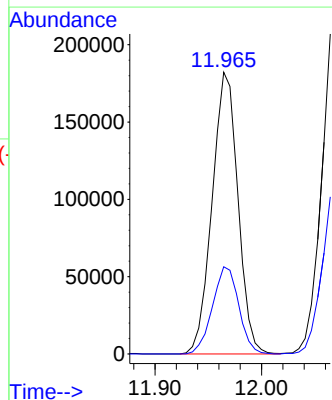
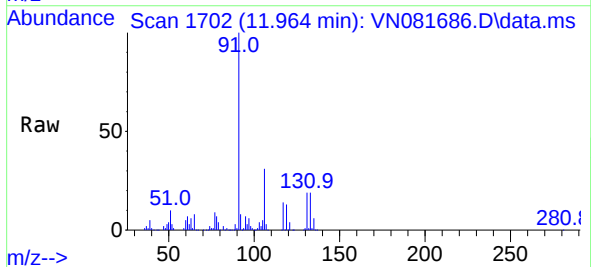
Instrument :  
MSVOA\_N  
ClientSampleId :

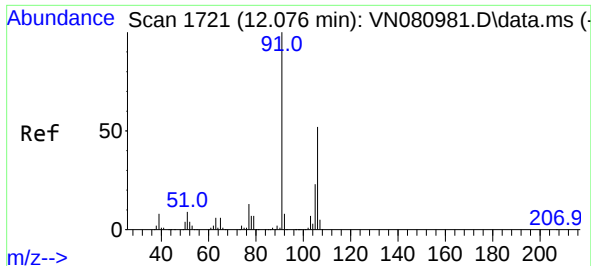
Tgt Ion:131 Resp: 65082  
Ion Ratio Lower Upper  
131 100  
133 95.6 0.0 188.0  
119 66.7 0.0 122.8



#66  
Ethyl Benzene  
Concen: 16.380 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 91 Resp: 306656  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.4 36.6

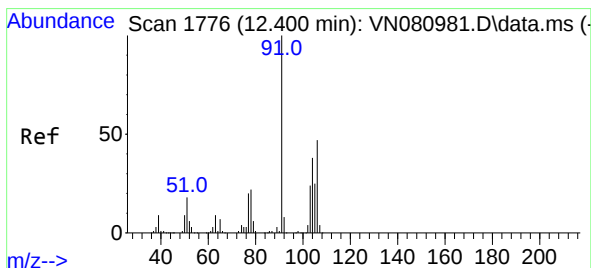
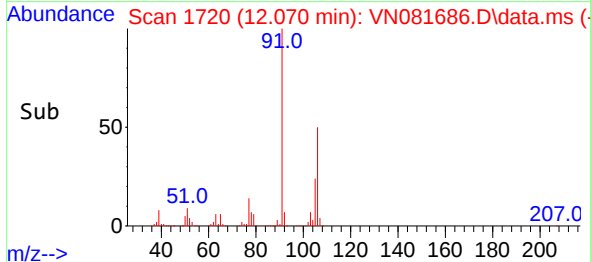
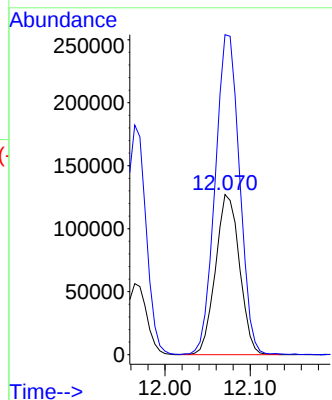
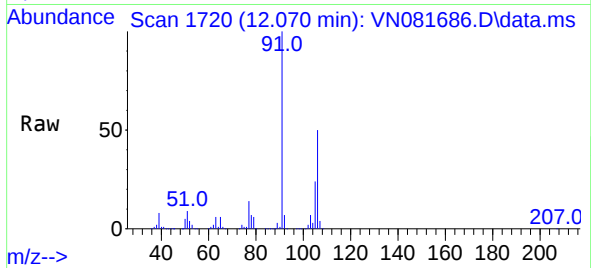




#67  
m/p-Xylenes  
Concen: 33.589 ug/l  
RT: 12.070 min Scan# 1721  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

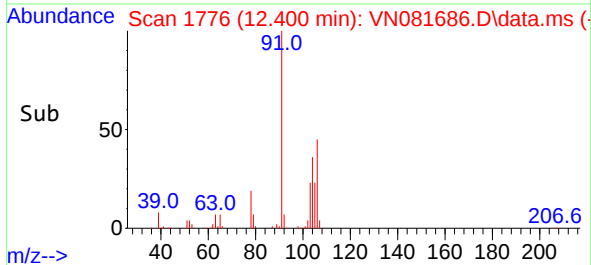
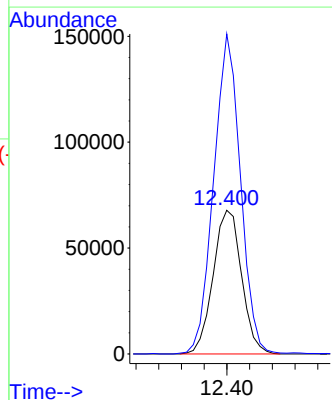
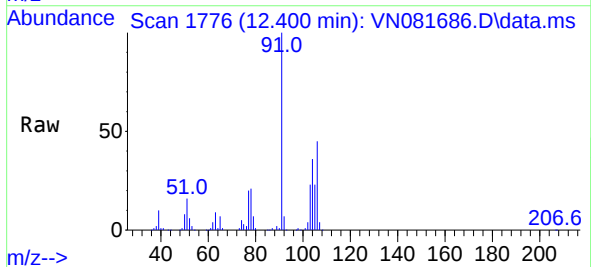
Instrument :  
MSVOA\_N  
ClientSampleId :

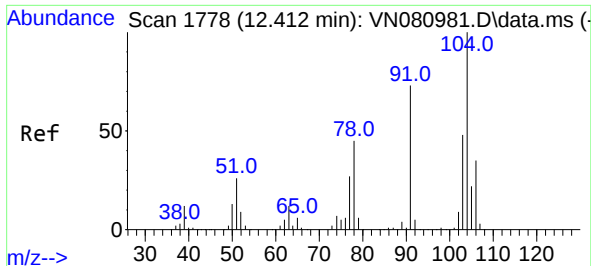
Tgt Ion:106 Resp: 249086  
Ion Ratio Lower Upper  
106 100  
91 202.7 166.6 249.8



#68  
o-Xylene  
Concen: 16.773 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion:106 Resp: 118079  
Ion Ratio Lower Upper  
106 100  
91 209.4 110.0 330.0

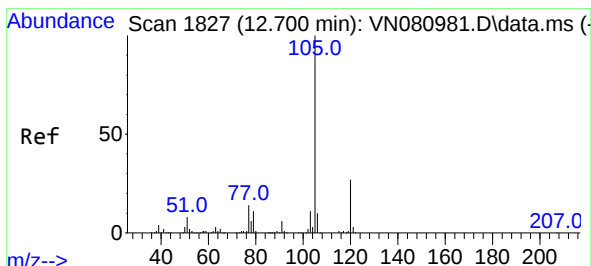
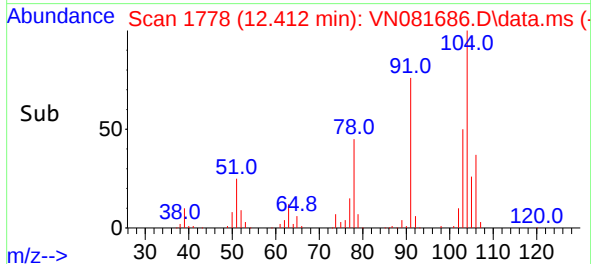
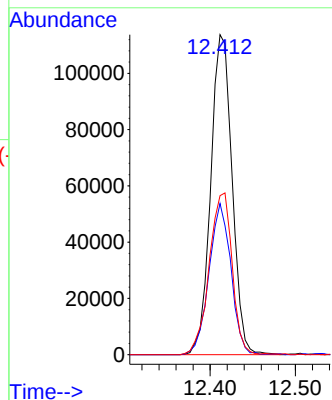
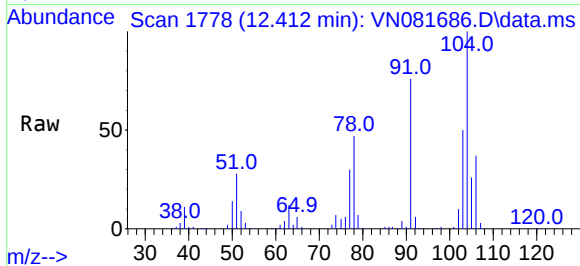




#69  
Styrene  
Concen: 16.556 ug/l  
RT: 12.412 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

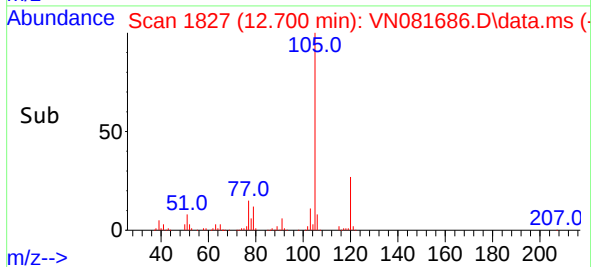
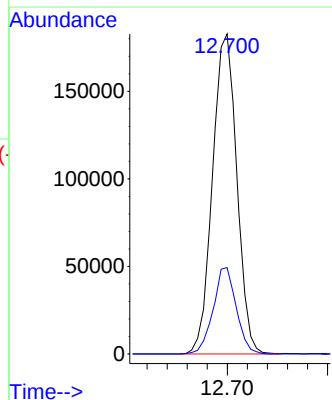
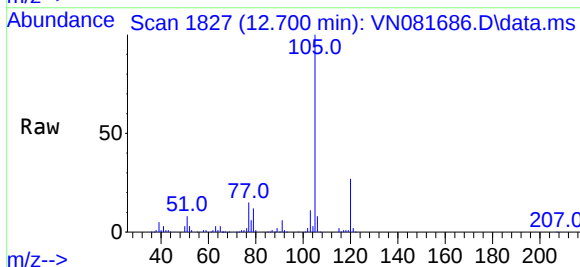
Instrument :  
MSVOA\_N  
ClientSampleId :

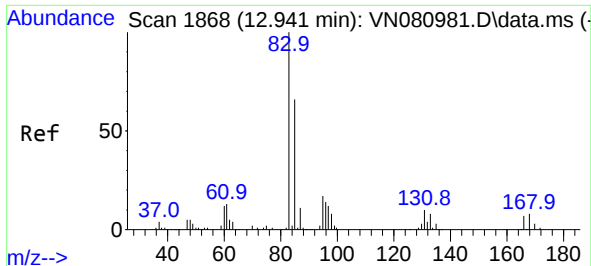
Tgt Ion:104 Resp: 198497  
Ion Ratio Lower Upper  
104 100  
78 48.4 42.6 64.0  
103 54.1 43.7 65.5



#70  
Isopropylbenzene  
Concen: 16.923 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion:105 Resp: 307352  
Ion Ratio Lower Upper  
105 100  
120 25.7 17.8 33.1

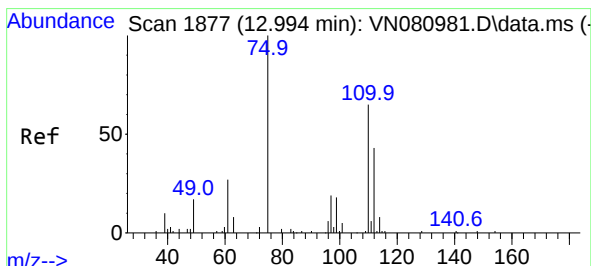
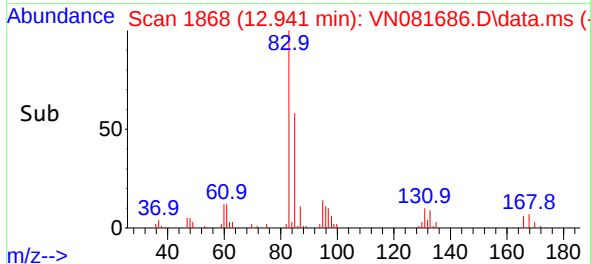
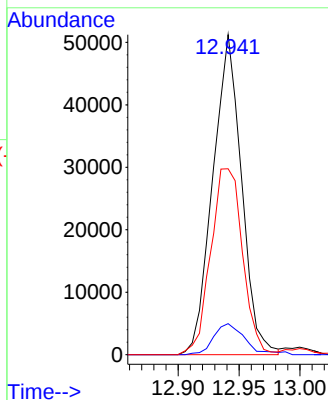
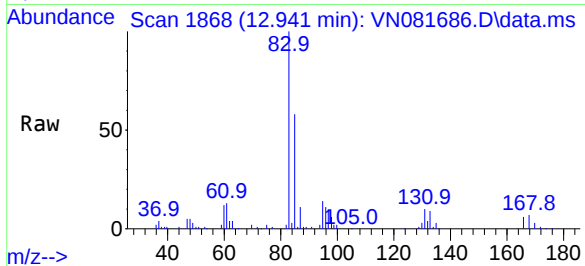




#71  
1,1,2,2-Tetrachloroethane  
Concen: 17.725 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

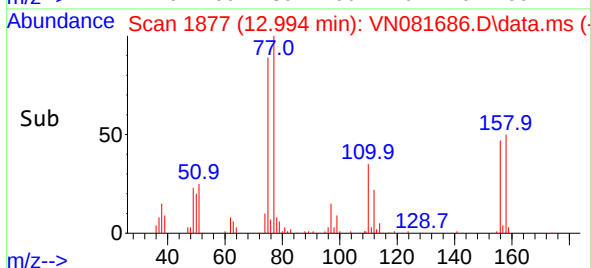
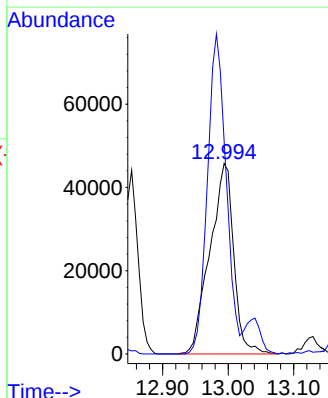
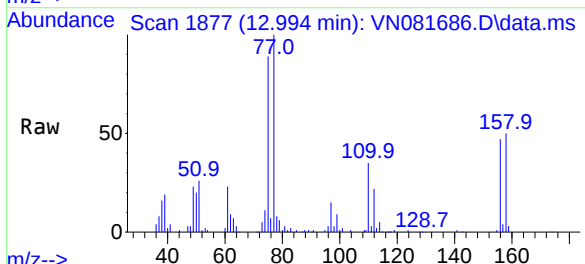
Instrument :  
MSVOA\_N  
ClientSampleId :

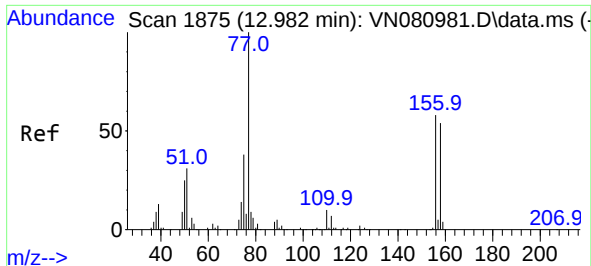
Tgt Ion: 83 Resp: 84092  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.2 15.6  
85 64.3 32.3 96.8



#72  
1,2,3-Trichloropropane  
Concen: 26.311 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 75 Resp: 115563  
Ion Ratio Lower Upper  
75 100  
77 131.6 0.0 367.6

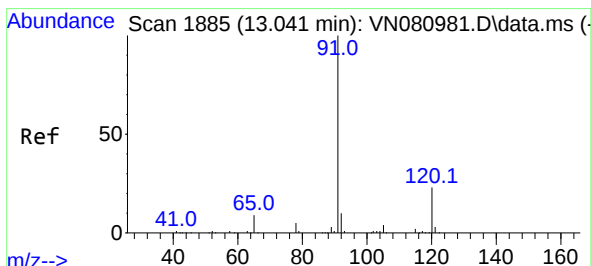
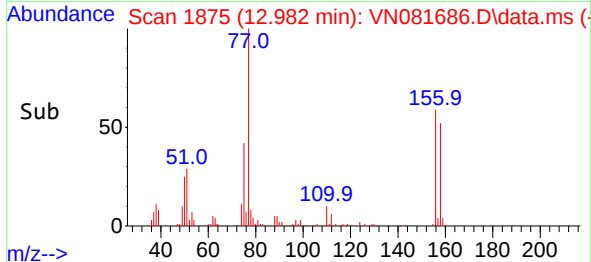
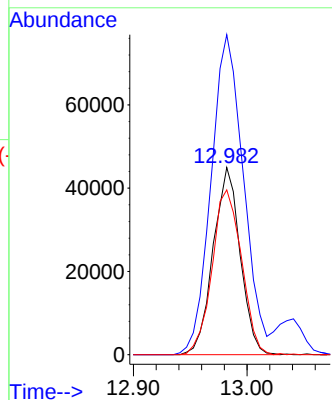
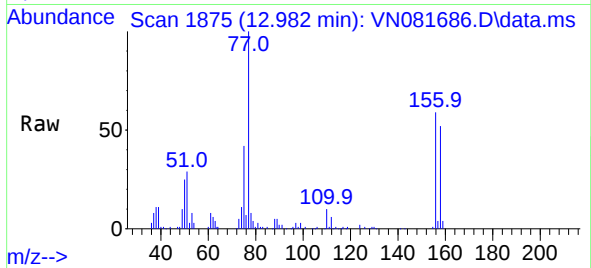




#73  
Bromobenzene  
Concen: 16.508 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

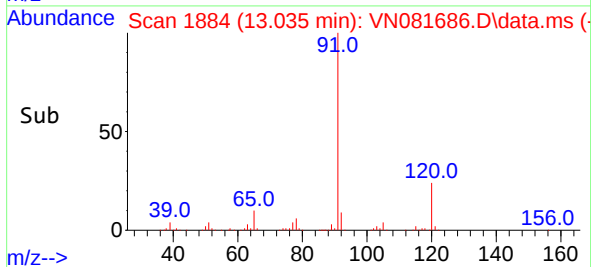
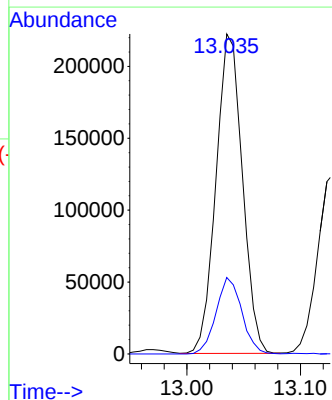
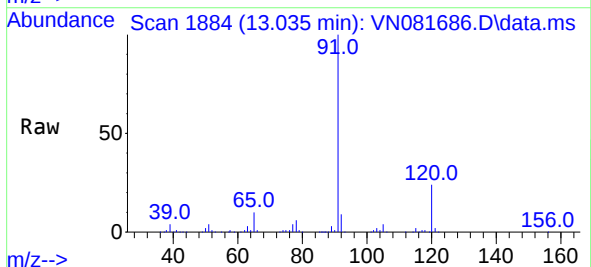
Instrument :  
MSVOA\_N  
ClientSampleId :

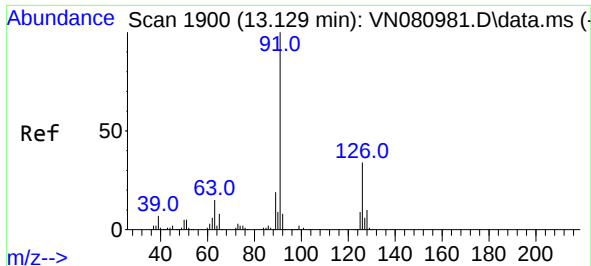
Tgt Ion:156 Resp: 74289  
Ion Ratio Lower Upper  
156 100  
77 204.7 0.0 437.6  
158 95.8 0.0 203.8



#74  
n-propylbenzene  
Concen: 16.503 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion: 91 Resp: 358776  
Ion Ratio Lower Upper  
91 100  
120 23.3 0.0 43.8

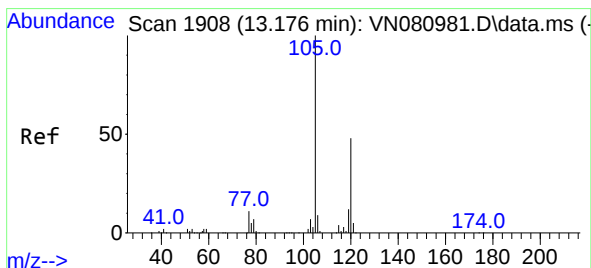
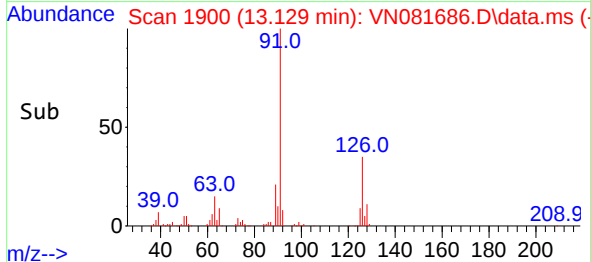
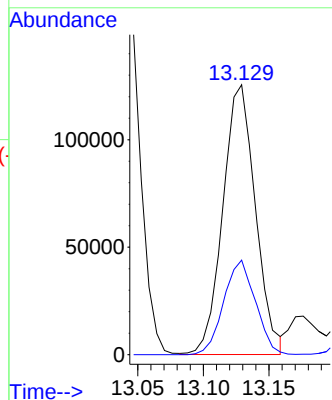
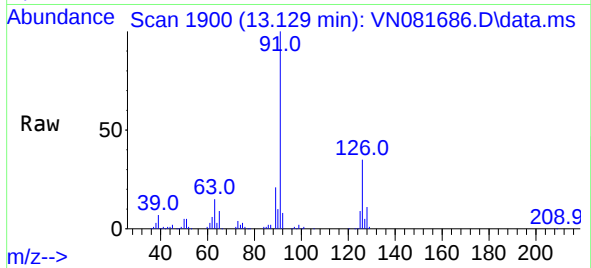




#75  
2-Chlorotoluene  
Concen: 16.751 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

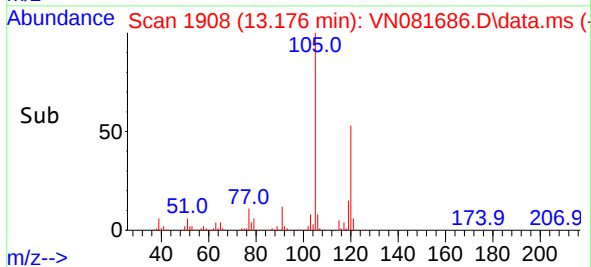
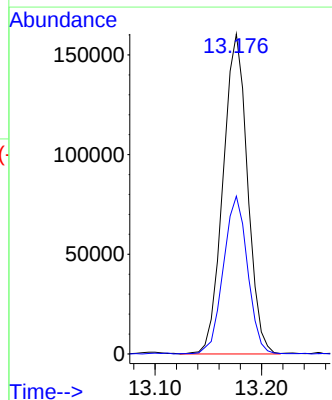
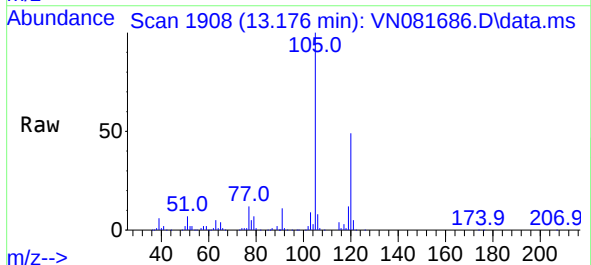
Instrument :  
MSVOA\_N  
ClientSampleId :

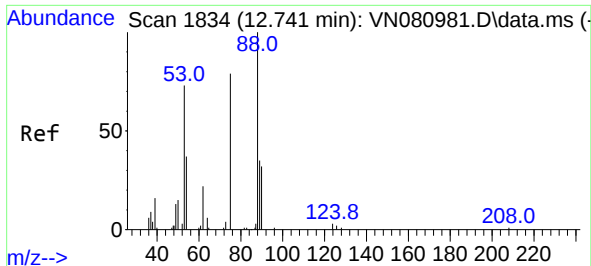
Tgt Ion: 91 Resp: 216962  
Ion Ratio Lower Upper  
91 100  
126 34.2 0.0 61.2



#76  
1,3,5-Trimethylbenzene  
Concen: 16.601 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

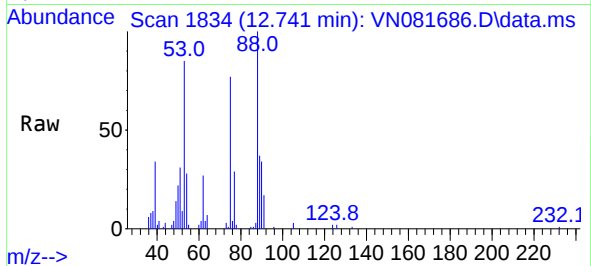
Tgt Ion: 105 Resp: 255904  
Ion Ratio Lower Upper  
105 100  
120 48.8 0.0 95.8



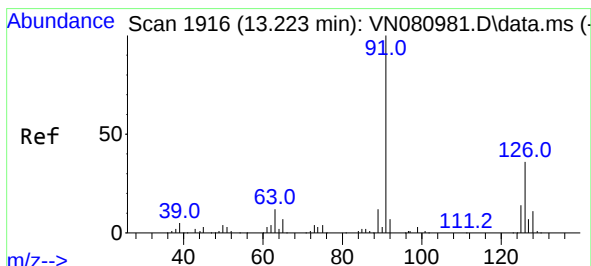
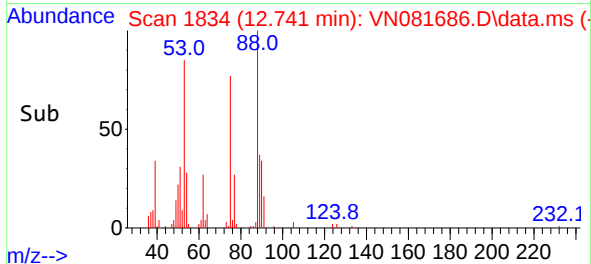
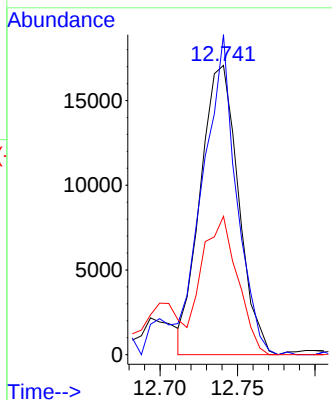


#77  
t-1,4-Dichloro-2-butene  
Concen: 16.002 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

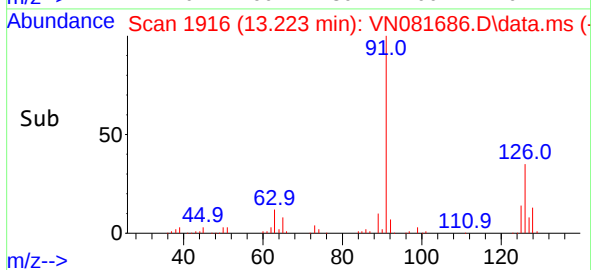
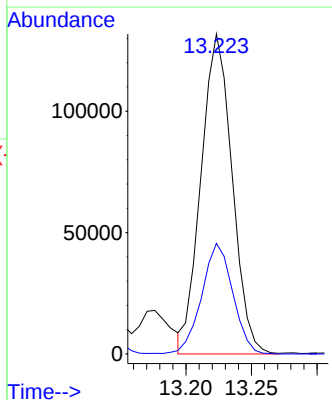
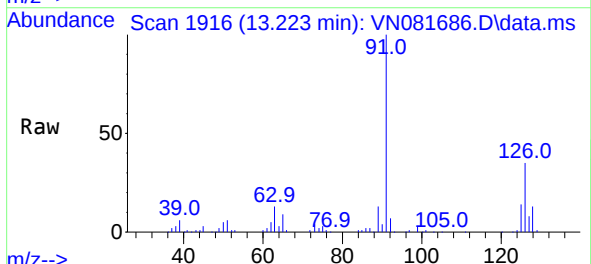


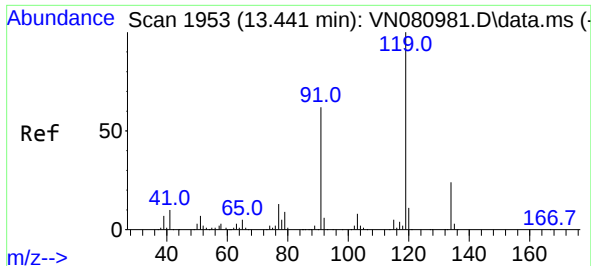
Tgt Ion: 75 Resp: 29107  
Ion Ratio Lower Upper  
75 100  
53 110.6 45.9 137.7  
89 47.8 25.9 77.7



#78  
4-Chlorotoluene  
Concen: 16.946 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

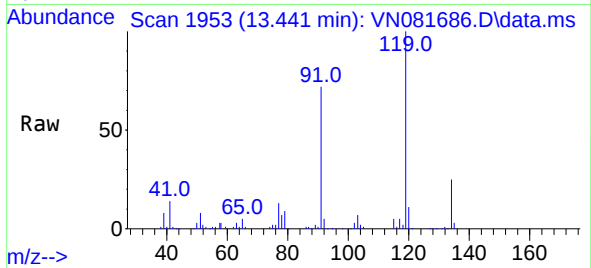
Tgt Ion: 91 Resp: 217685  
Ion Ratio Lower Upper  
91 100  
126 34.5 0.0 62.8



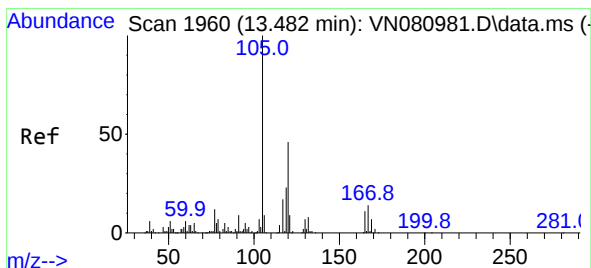
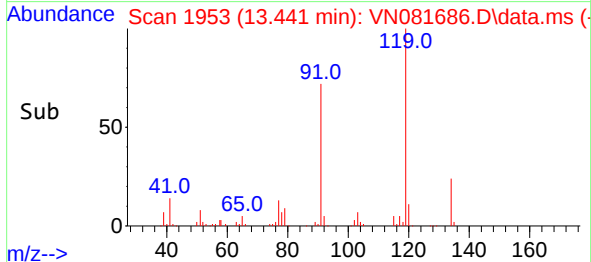
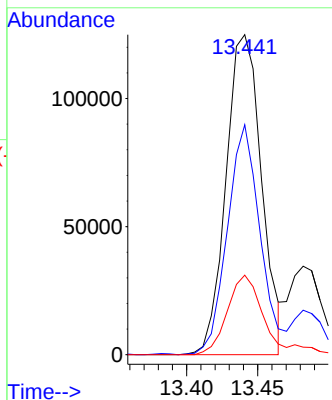


#79  
tert-butylbenzene  
Concen: 16.580 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

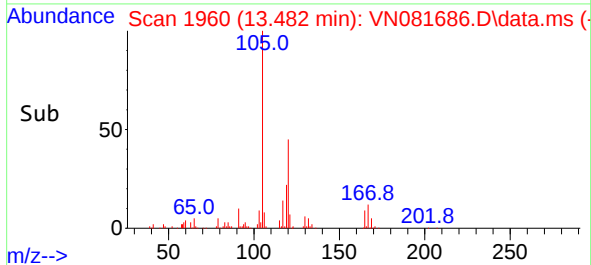
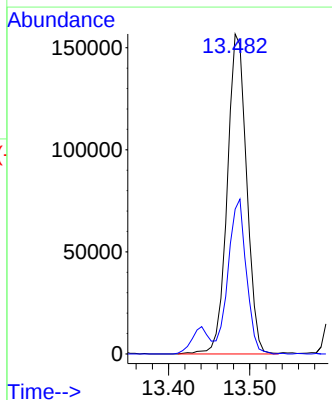
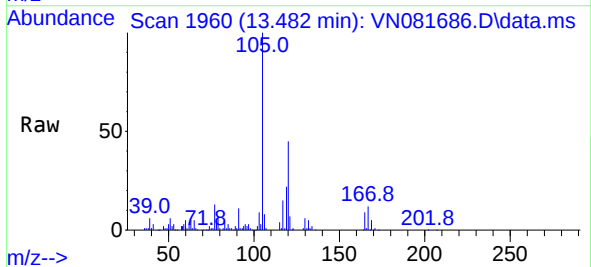


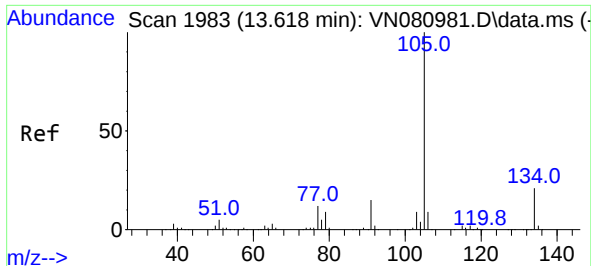
Tgt Ion:119 Resp: 217435  
Ion Ratio Lower Upper  
119 100  
91 66.8 0.0 138.8  
134 24.1 0.0 48.6



#80  
1,2,4-Trimethylbenzene  
Concen: 16.856 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion:105 Resp: 259136  
Ion Ratio Lower Upper  
105 100  
120 45.7 0.0 86.8

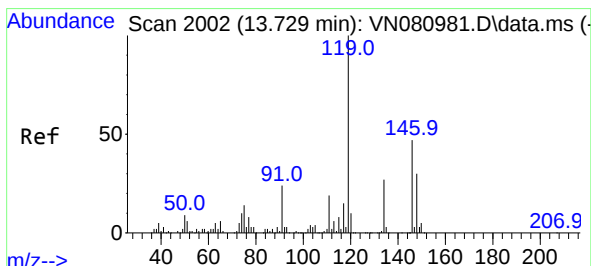
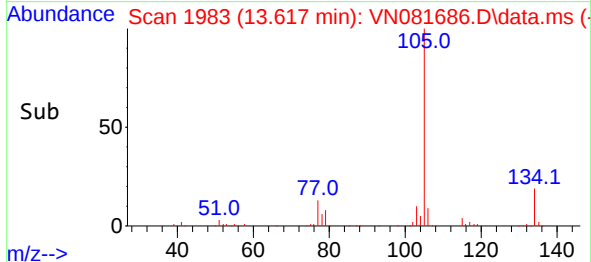
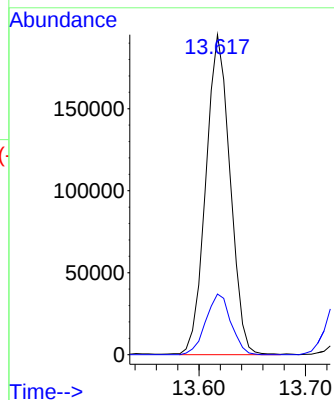
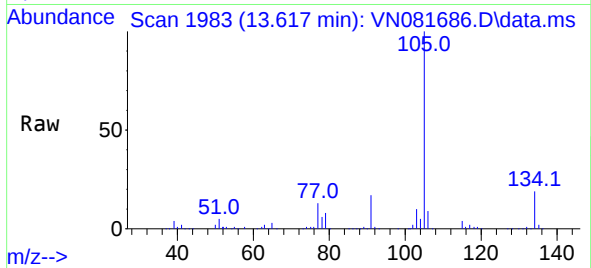




#81  
sec-Butylbenzene  
Concen: 16.349 ug/l  
RT: 13.617 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

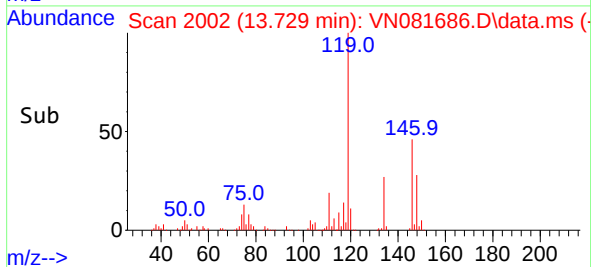
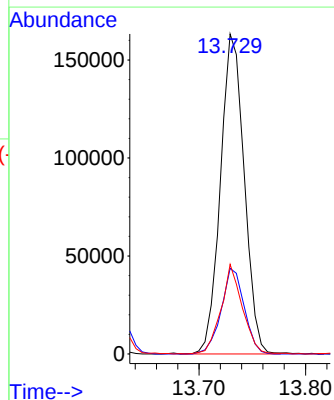
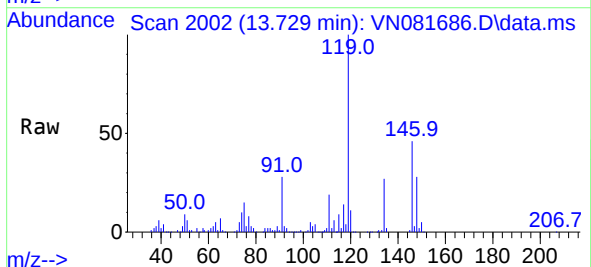
Instrument :  
MSVOA\_N  
ClientSampleId :

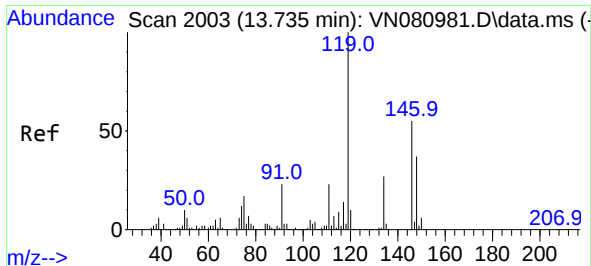
Tgt Ion:105 Resp: 309222  
Ion Ratio Lower Upper  
105 100  
134 19.6 0.0 39.0



#82  
p-Isopropyltoluene  
Concen: 15.949 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

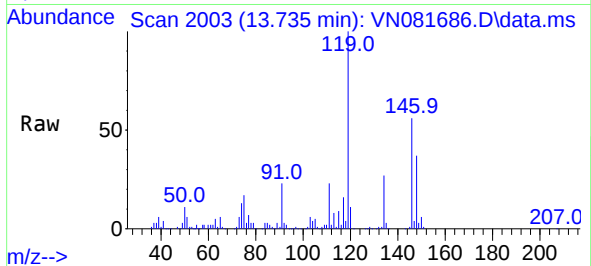
Tgt Ion:119 Resp: 252982  
Ion Ratio Lower Upper  
119 100  
134 26.0 0.0 49.2  
91 25.2 0.0 48.8



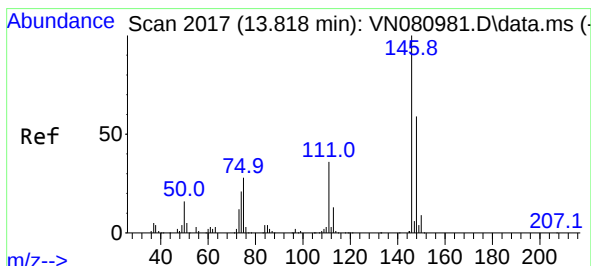
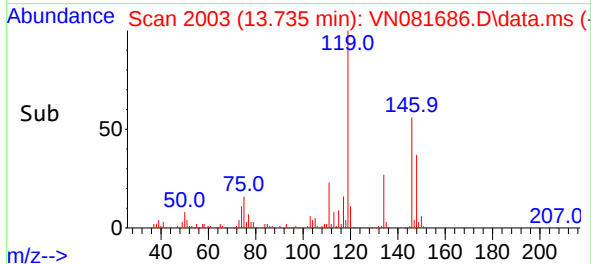
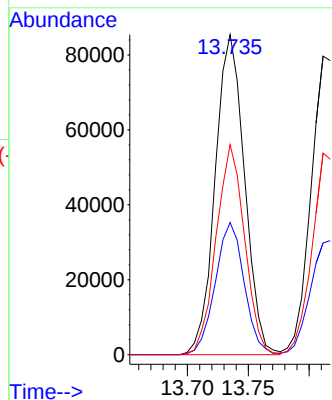


#83  
1,3-Dichlorobenzene  
Concen: 17.066 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

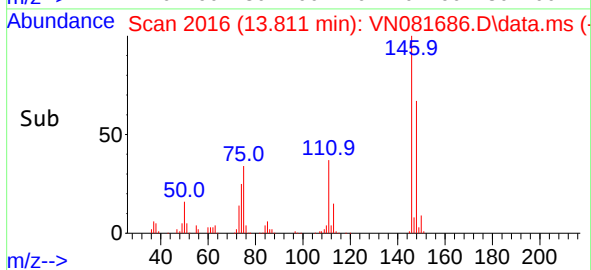
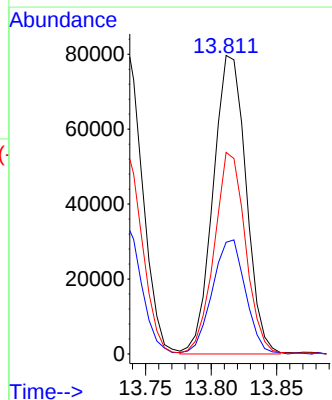
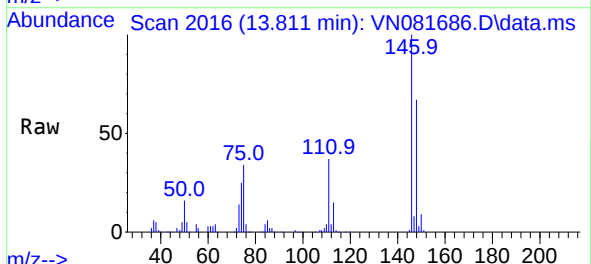


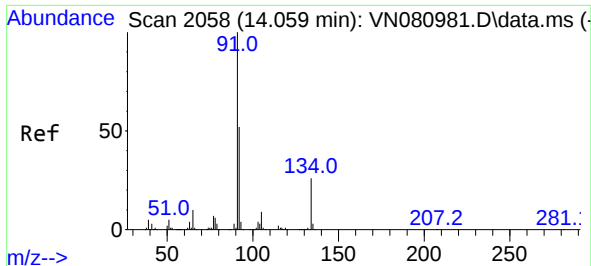
Tgt Ion:146 Resp: 143536  
Ion Ratio Lower Upper  
146 100  
111 40.8 22.4 67.0  
148 63.6 32.1 96.5



#84  
1,4-Dichlorobenzene  
Concen: 17.072 ug/l  
RT: 13.811 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion:146 Resp: 138990  
Ion Ratio Lower Upper  
146 100  
111 38.6 21.3 63.9  
148 63.7 31.9 95.5

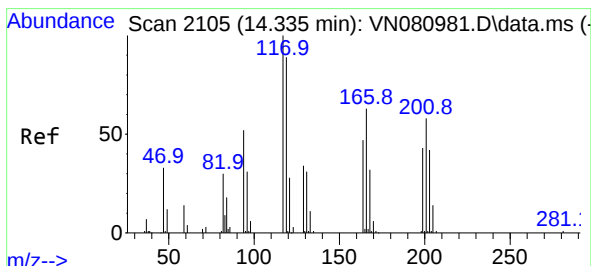
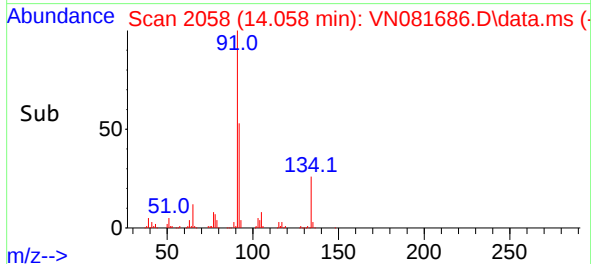
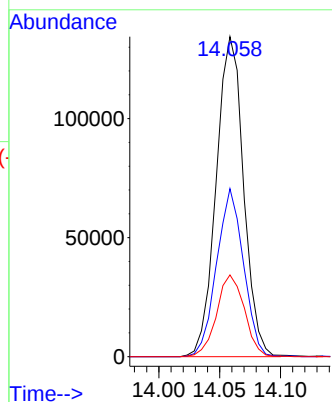
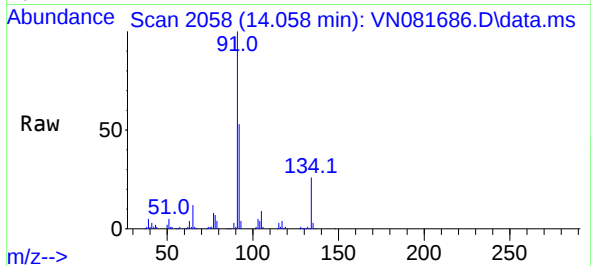




#85  
n-Butylbenzene  
Concen: 15.759 ug/l  
RT: 14.058 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

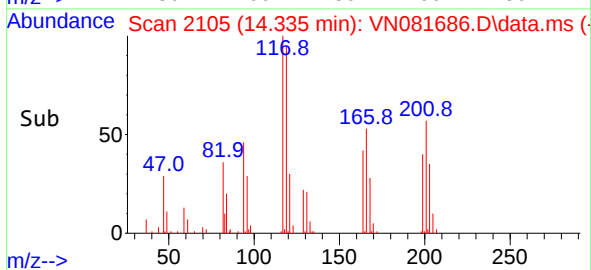
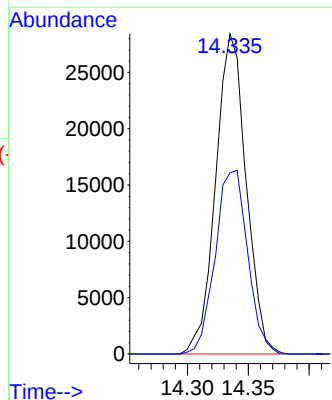
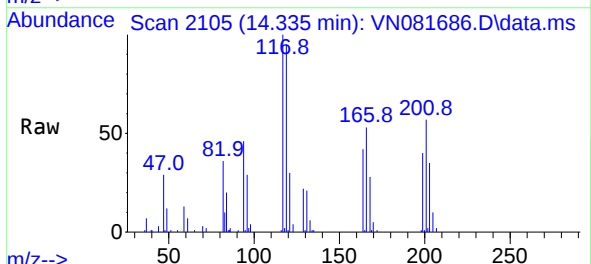
Instrument :  
MSVOA\_N  
ClientSampleId :

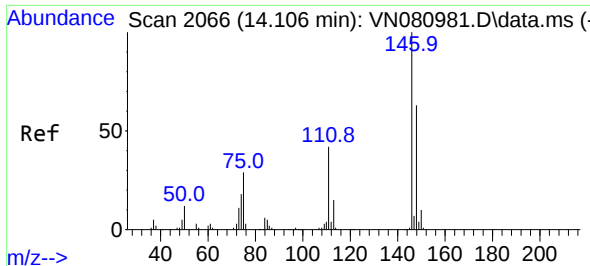
Tgt Ion: 91 Resp: 210561  
Ion Ratio Lower Upper  
91 100  
92 51.5 0.0 105.0  
134 25.9 0.0 51.8



#86  
Hexachloroethane  
Concen: 16.321 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

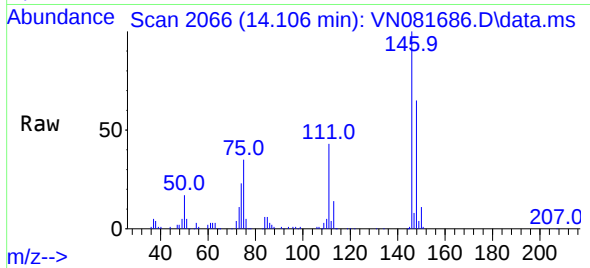
Tgt Ion: 117 Resp: 49460  
Ion Ratio Lower Upper  
117 100  
201 61.3 38.0 114.0



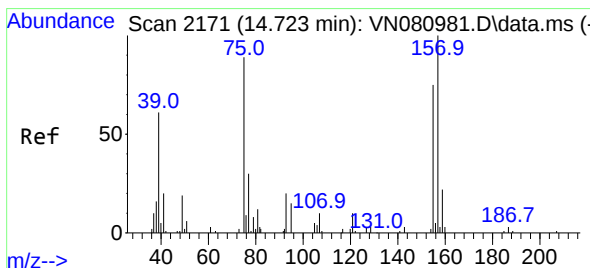
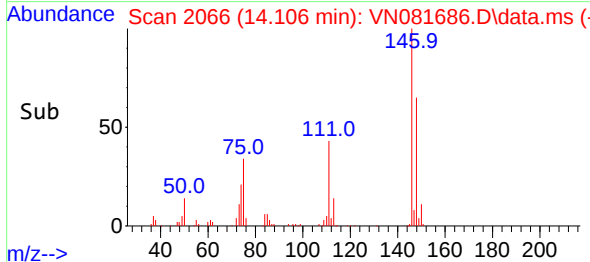
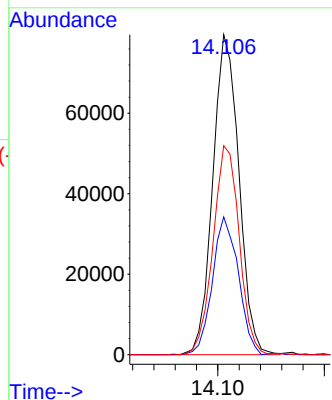


#87  
1,2-Dichlorobenzene  
Concen: 16.920 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

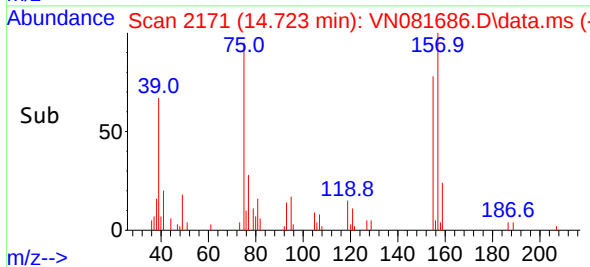
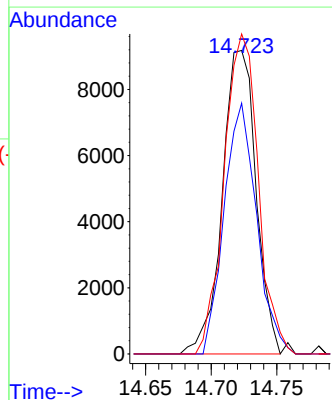
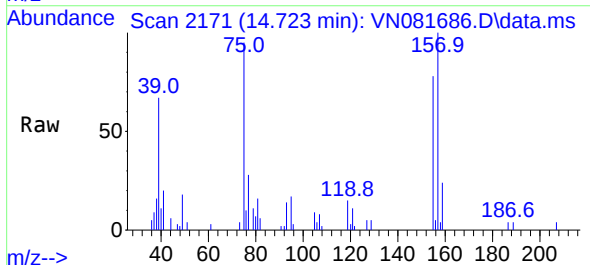


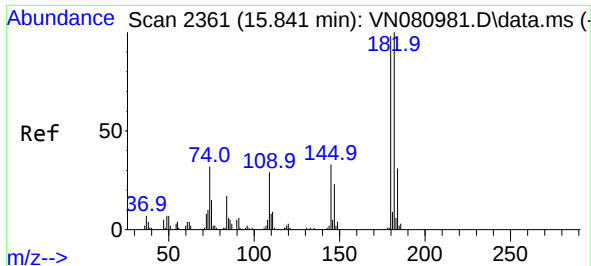
Tgt Ion:146 Resp: 135457  
Ion Ratio Lower Upper  
146 100  
111 42.7 22.6 67.8  
148 65.4 31.3 93.8



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 15.905 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. -0.000 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

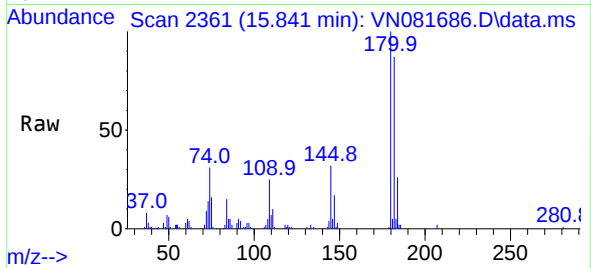
Tgt Ion: 75 Resp: 16450  
Ion Ratio Lower Upper  
75 100  
155 79.4 61.7 92.5  
157 106.2 83.6 125.4



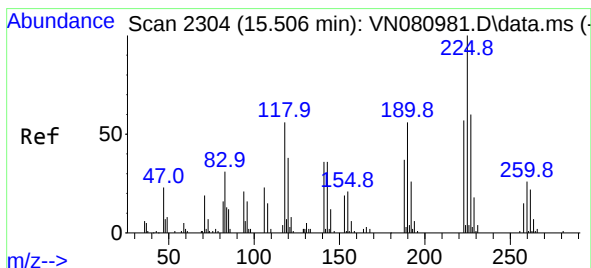
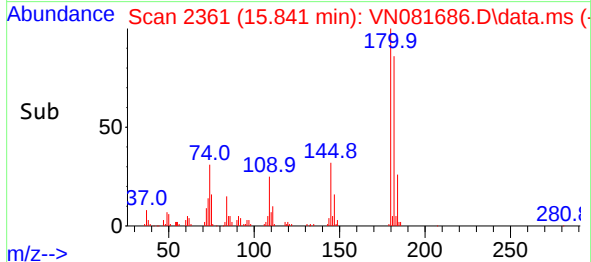
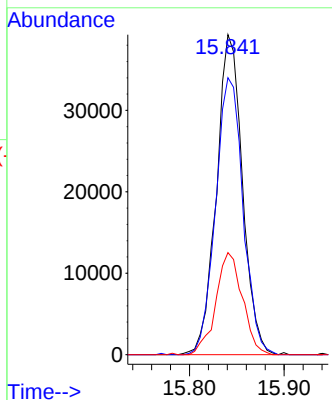


#89  
1,2,4-Trichlorobenzene  
Concen: 17.080 ug/l  
RT: 15.841 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

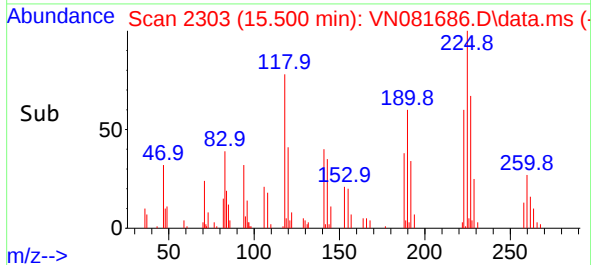
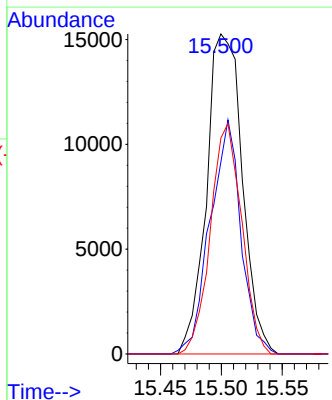
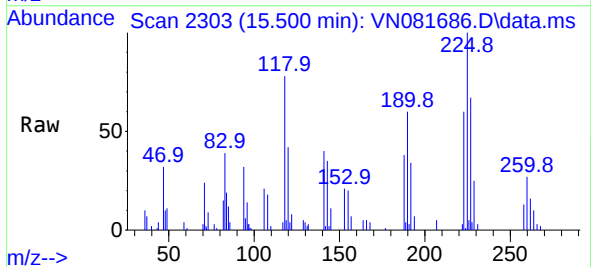


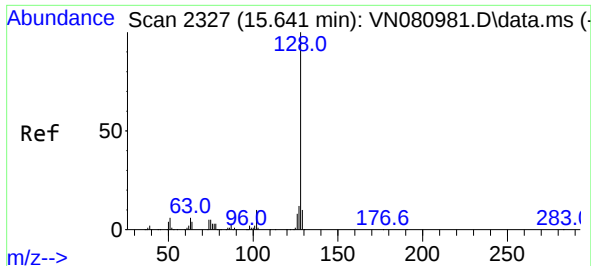
Tgt Ion:180 Resp: 74947  
Ion Ratio Lower Upper  
180 100  
182 91.4 76.4 114.6  
145 32.6 28.4 42.6



#90  
Hexachlorobutadiene  
Concen: 17.741 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Tgt Ion:225 Resp: 31197  
Ion Ratio Lower Upper  
225 100  
223 62.9 0.0 126.6  
227 62.8 0.0 126.6

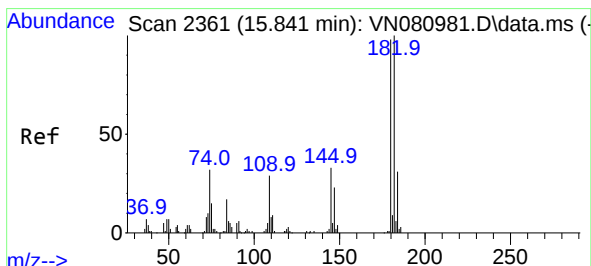
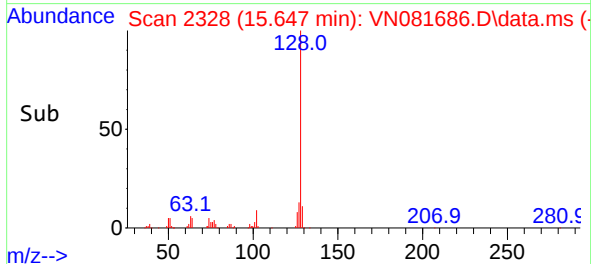
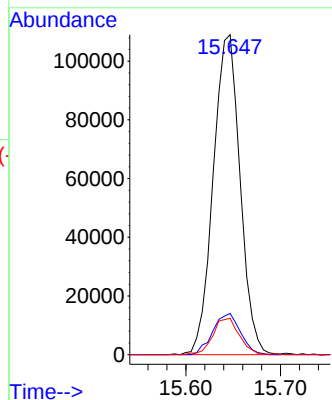
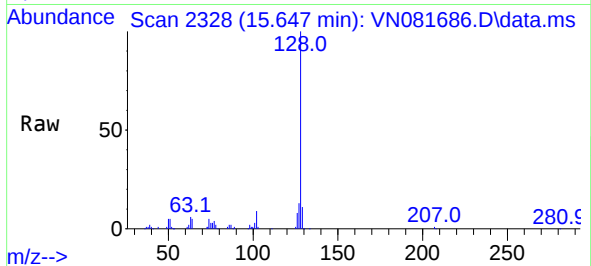




#91  
Naphthalene  
Concen: 15.235 ug/l  
RT: 15.647 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 214920 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.3  | 10.6  | 16.0   |
| 129      | 11.2  | 8.6   | 13.0   |



#92  
1,2,3-Trichlorobenzene  
Concen: 17.080 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.006 min  
Lab File: VN081686.D  
Acq: 10 Apr 2024 17:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 74947 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 91.4  | 0.0   | 191.0 |
| 145      | 32.6  | 0.0   | 71.0  |

