

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN043024\  
 Data File : VN081929.D  
 Acq On : 30 Apr 2024 14:19  
 Operator : JC\MD  
 Sample : VN0430WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 01 00:53:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042524W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 26 05:26:49 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 225328   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 427272   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 366075   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 146411   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577  | 65    | 164867   | 43.352   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 86.700%  |
| 35) Dibromofluoromethane     | 8.171  | 113   | 118346   | 46.003   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 92.000%  |
| 50) Toluene-d8               | 10.571 | 98    | 492064   | 48.702   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 97.400%  |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 166504   | 41.689   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 64 - 133 | Recovery | =      | 83.380%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 49547    | 15.664   | ug/l   | 100      |
| 3) Chloromethane             | 2.365  | 50    | 53490    | 16.210   | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.518  | 62    | 50807    | 17.009   | ug/l   | 99       |
| 5) Bromomethane              | 2.959  | 94    | 23927    | 15.269   | ug/l   | 100      |
| 6) Chloroethane              | 3.124  | 64    | 29334    | 19.430   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.500  | 101   | 73322    | 15.868   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.965  | 74    | 34077    | 17.361   | ug/l   | 89       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 48300    | 18.005   | ug/l   | 94       |
| 10) Methyl Iodide            | 4.595  | 142   | 45322    | 19.289   | ug/l   | 93       |
| 11) Tert butyl alcohol       | 5.524  | 59    | 56529    | 81.767   | ug/l # | 84       |
| 12) 1,1-Dichloroethene       | 4.342  | 96    | 49497    | 18.137   | ug/l   | 98       |
| 13) Acrolein                 | 4.177  | 56    | 40630    | 70.068   | ug/l   | 96       |
| 14) Allyl chloride           | 5.024  | 41    | 86254    | 14.941   | ug/l   | 89       |
| 15) Acrylonitrile            | 5.718  | 53    | 140700   | 84.755   | ug/l   | 98       |
| 16) Acetone                  | 4.424  | 43    | 98268    | 83.747   | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.712  | 76    | 129060   | 15.734   | ug/l   | 97       |
| 18) Methyl Acetate           | 5.030  | 43    | 65108    | 16.903   | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 5.794  | 73    | 173219   | 16.820   | ug/l   | 93       |
| 20) Methylene Chloride       | 5.283  | 84    | 55883    | 17.147   | ug/l # | 88       |
| 21) trans-1,2-Dichloroethene | 5.794  | 96    | 51411    | 17.277   | ug/l   | 90       |
| 22) Diisopropyl ether        | 6.665  | 45    | 192655   | 17.247   | ug/l # | 91       |
| 23) Vinyl Acetate            | 6.600  | 43    | 768633   | 84.685   | ug/l # | 93       |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 101932   | 17.532   | ug/l   | 98       |
| 25) 2-Butanone               | 7.483  | 43    | 178600   | 82.744   | ug/l   | 89       |
| 26) 2,2-Dichloropropane      | 7.488  | 77    | 82393    | 15.405   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.488  | 96    | 62330    | 17.926   | ug/l   | 90       |
| 28) Bromochloromethane       | 7.818  | 49    | 51807    | 18.748   | ug/l # | 81       |
| 29) Tetrahydrofuran          | 7.841  | 42    | 122774   | 79.319   | ug/l   | 92       |
| 30) Chloroform               | 7.971  | 83    | 97026    | 16.836   | ug/l   | 100      |
| 31) Cyclohexane              | 8.259  | 56    | 94276    | 16.456   | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 8.177  | 97    | 82975    | 16.144   | ug/l   | 93       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 71504    | 17.085   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.559  | 43    | 80465    | 17.782   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 66477    | 16.252   | ug/l   | 93       |
| 39) Methylcyclohexane        | 9.600  | 83    | 89412    | 17.591   | ug/l   | 93       |
| 40) Benzene                  | 8.606  | 78    | 228724   | 18.205   | ug/l   | 98       |

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 Sample : VN0430WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 01 00:53:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042524W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 26 05:26:49 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 45637    | 15.806  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 76934    | 16.491  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 140266   | 16.485  | ug/l   | 94       |
| 44) Trichloroethene           | 9.353  | 130  | 49463    | 17.076  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 57114    | 17.370  | ug/l   | 96       |
| 46) Dibromomethane            | 9.712  | 93   | 35905    | 15.799  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.888  | 83   | 77582    | 16.187  | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.682  | 41   | 66906    | 16.472  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 21161    | 342.767 | ug/l # | 74       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 400119   | 83.536  | ug/l   | 96       |
| 52) Toluene                   | 10.629 | 92   | 137002   | 18.209  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 84438    | 16.191  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 92290    | 17.171  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 50971    | 17.226  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 94658    | 16.800  | ug/l   | 87       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 94445    | 17.953  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 215736   | 84.048  | ug/l   | 94       |
| 59) 2-Hexanone                | 11.194 | 43   | 293838   | 82.433  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.365 | 129  | 54349    | 17.341  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 52222    | 18.455  | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.106 | 164  | 43599    | 16.398  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.894 | 112  | 146210   | 18.289  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 46284    | 17.814  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.965 | 91   | 258073   | 17.358  | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.076 | 106  | 190262   | 35.878  | ug/l   | 94       |
| 69) o-Xylene                  | 12.400 | 106  | 94749    | 18.301  | ug/l   | 94       |
| 70) Styrene                   | 12.412 | 104  | 157942   | 17.635  | ug/l   | 96       |
| 71) Bromoform                 | 12.582 | 173  | 30174    | 14.773  | ug/l # | 93       |
| 73) Isopropylbenzene          | 12.694 | 105  | 235171   | 18.066  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 124139   | 17.129  | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 71943    | 18.404  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 98112    | 25.845  | ug/l   | 63       |
| 77) Bromobenzene              | 12.982 | 156  | 50759    | 18.634  | ug/l   | 77       |
| 78) n-propylbenzene           | 13.035 | 91   | 281315   | 17.791  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 173402   | 17.237  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 194401   | 17.648  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 32326    | 17.449  | ug/l # | 89       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 166865   | 17.085  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 164136   | 17.893  | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 194806   | 17.709  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 237806   | 18.404  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 187690   | 18.090  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 93663    | 18.428  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 93592    | 18.699  | ug/l   | 95       |
| 89) n-Butylbenzene            | 14.059 | 91   | 171932   | 17.804  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 36014    | 17.646  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 92076    | 18.897  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 14243    | 14.966  | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 46491    | 17.055  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 16564    | 16.486  | ug/l   | 96       |
| 95) Naphthalene               | 15.641 | 128  | 179099   | 17.387  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 46480    | 17.759  | ug/l   | 94       |

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Acq On : 30 Apr 2024 14:19  
Operator : JC\MD  
Sample : VN0430WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 12 Sample Multiplier: 1

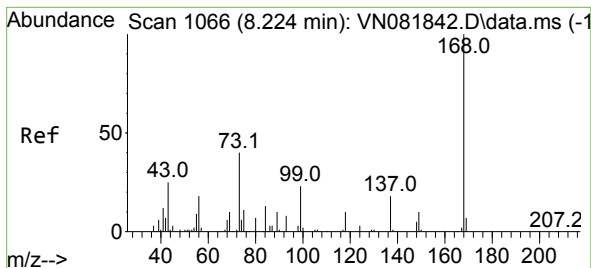
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: May 01 00:53:05 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042524W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 26 05:26:49 2024  
Response via : Initial Calibration

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

Instrument :

MSVOA\_N

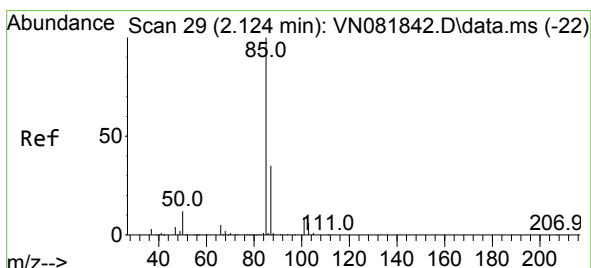
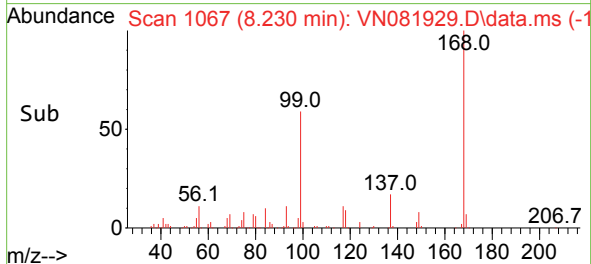
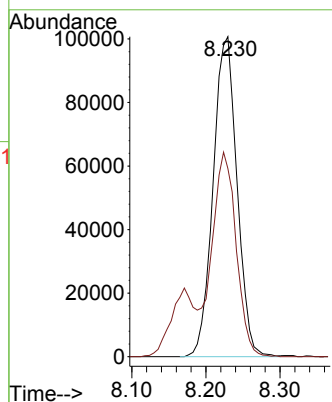
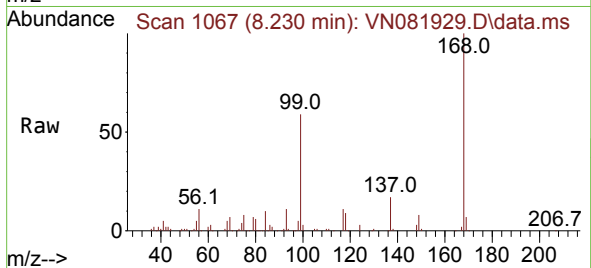
ClientSampleId :

Tgt Ion:168 Resp: 225328

Ion Ratio Lower Upper

168 100

99 58.8 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 15.664 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081929.D

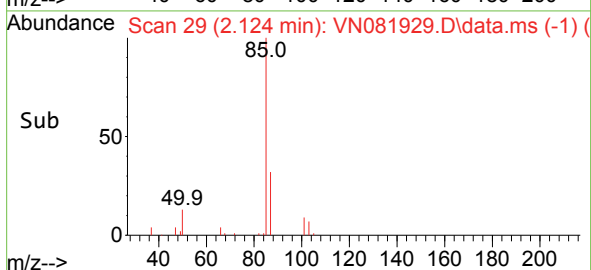
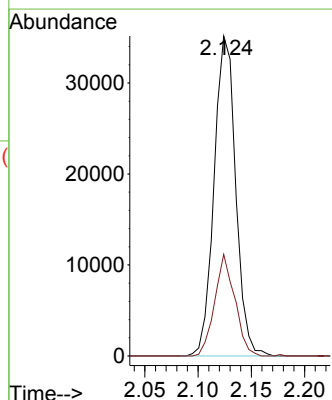
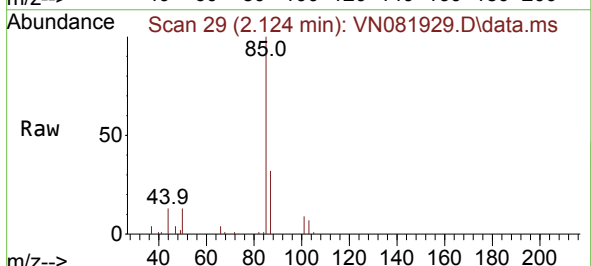
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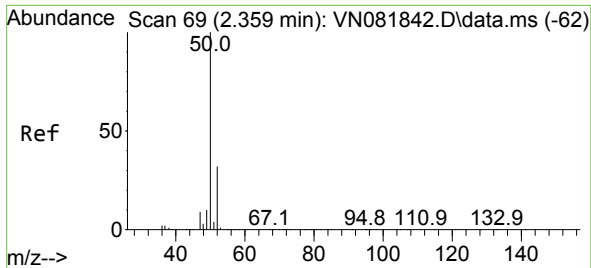
Tgt Ion: 85 Resp: 49547

Ion Ratio Lower Upper

85 100

87 31.8 15.8 47.4





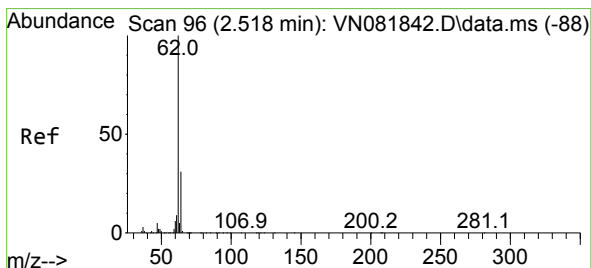
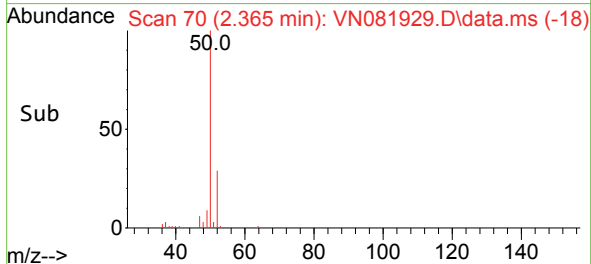
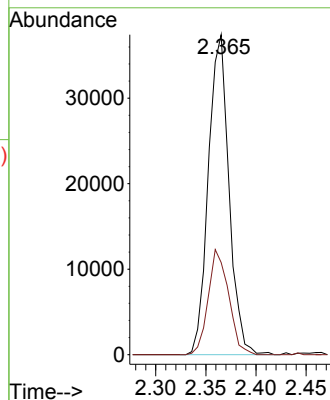
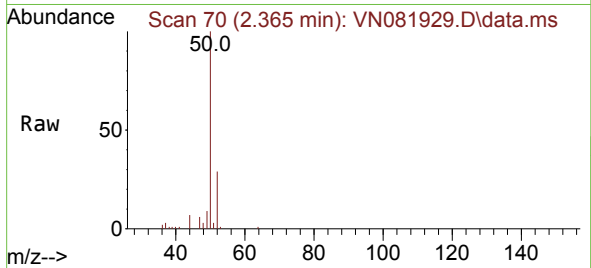
#3  
Chloromethane  
Concen: 16.210 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Instrument :

MSVOA\_N

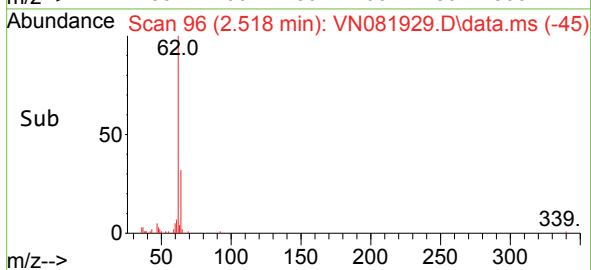
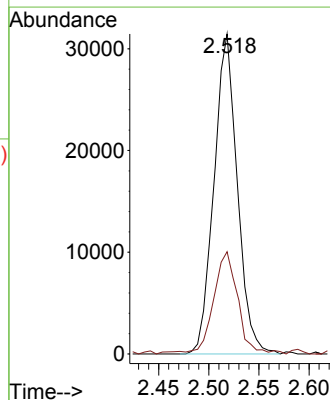
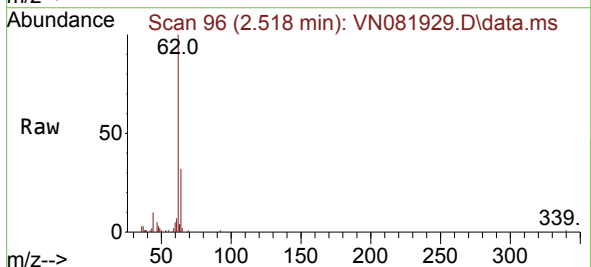
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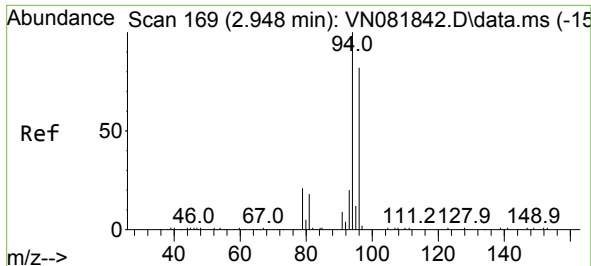
Tgt Ion: 50 Resp: 53490  
Ion Ratio Lower Upper  
50 100  
52 28.8 25.5 38.3



#4  
Vinyl Chloride  
Concen: 17.009 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 62 Resp: 50807  
Ion Ratio Lower Upper  
62 100  
64 31.2 24.6 37.0

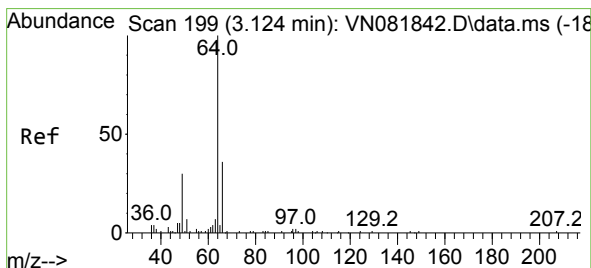
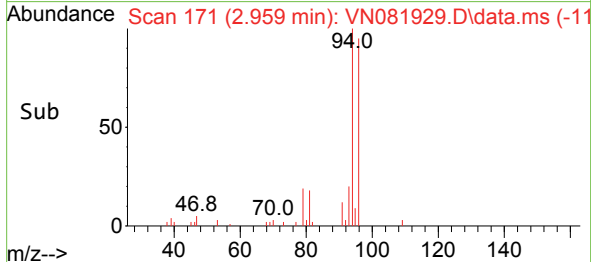
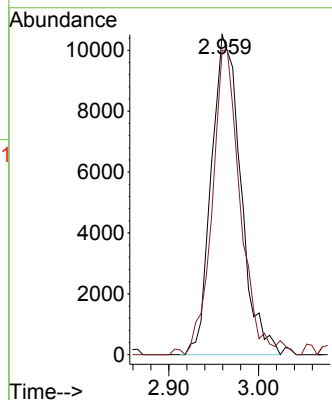
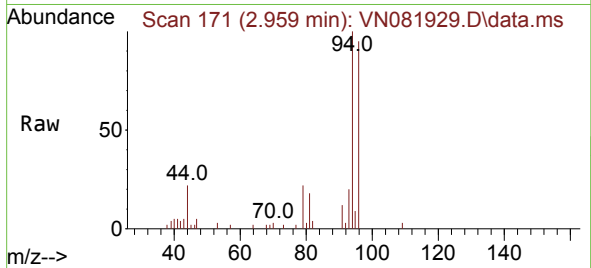




#5  
Bromomethane  
Concen: 15.269 ug/l  
RT: 2.959 min Scan# 1  
Delta R.T. 0.011 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

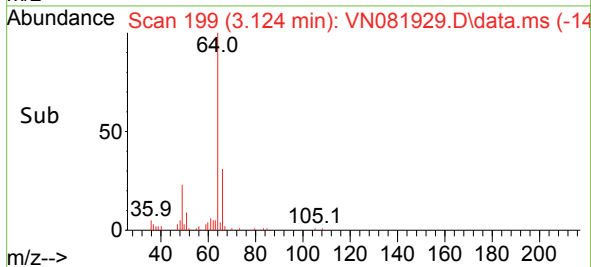
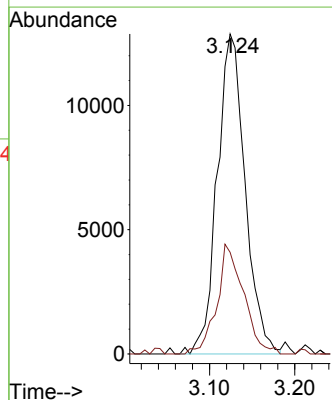
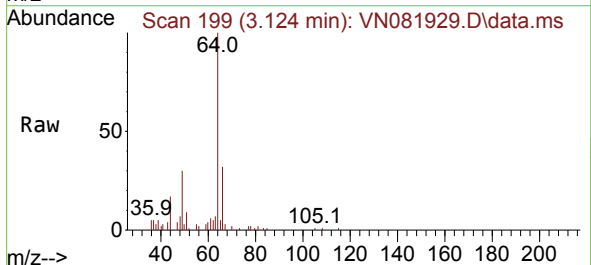
Instrument :  
MSVOA\_N  
ClientSampleId :

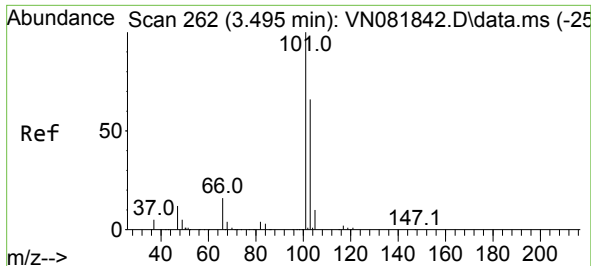
Tgt Ion: 94 Resp: 23927  
Ion Ratio Lower Upper  
94 100  
96 93.5 74.8 112.2



#6  
Chloroethane  
Concen: 19.430 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 64 Resp: 29334  
Ion Ratio Lower Upper  
64 100  
66 31.8 24.7 37.1

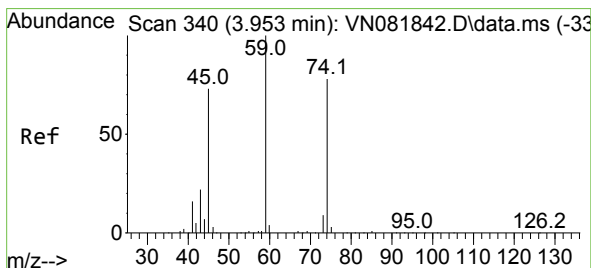
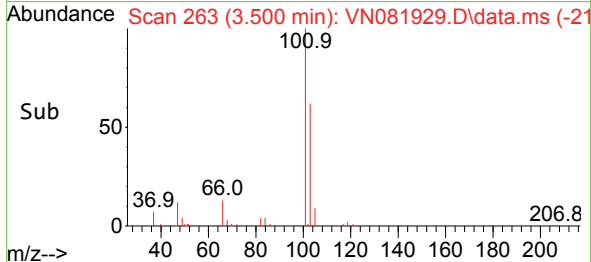
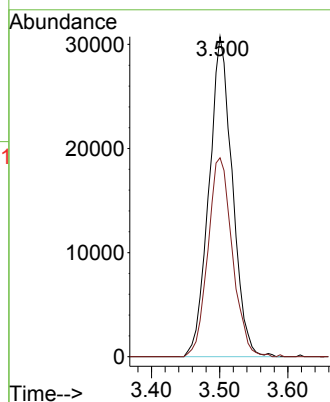
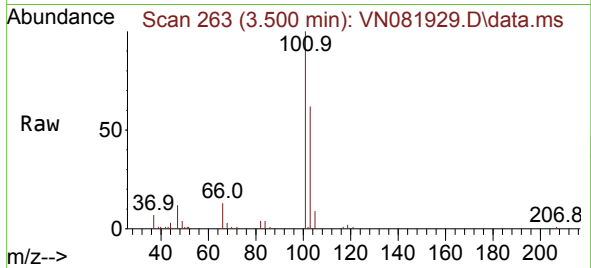




#7  
 Trichlorofluoromethane  
 Concen: 15.868 ug/l  
 RT: 3.500 min Scan# 20  
 Delta R.T. 0.006 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

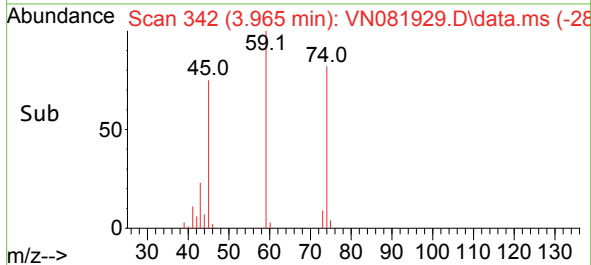
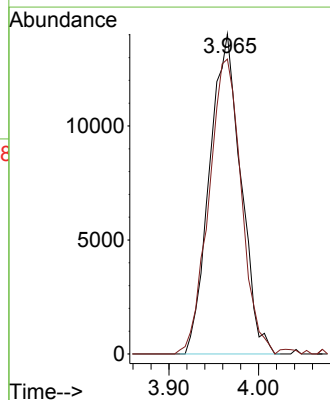
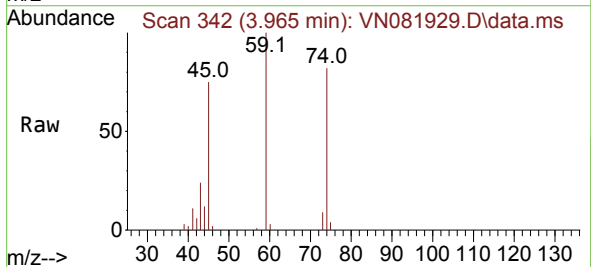
Instrument :  
 MSVOA\_N  
 ClientSampleId :

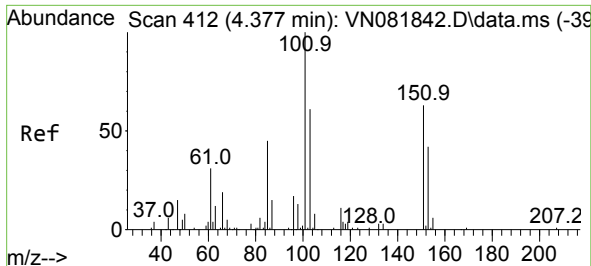
Tgt Ion:101 Resp: 73322  
 Ion Ratio Lower Upper  
 101 100  
 103 62.1 50.6 75.8



#8  
 Diethyl Ether  
 Concen: 17.361 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.012 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

Tgt Ion: 74 Resp: 34077  
 Ion Ratio Lower Upper  
 74 100  
 45 95.3 42.4 127.3

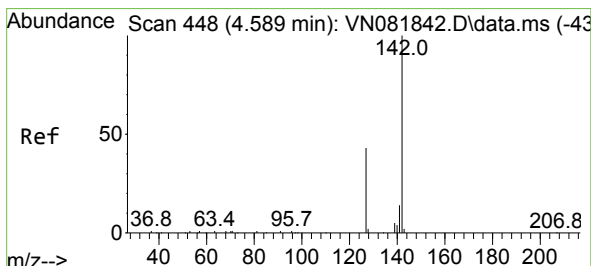
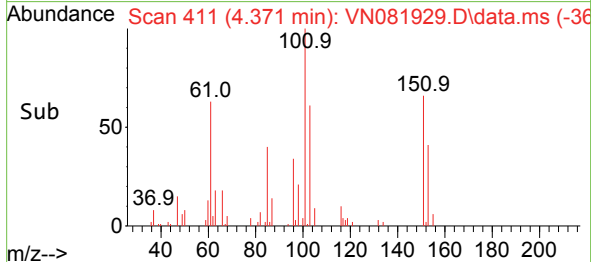
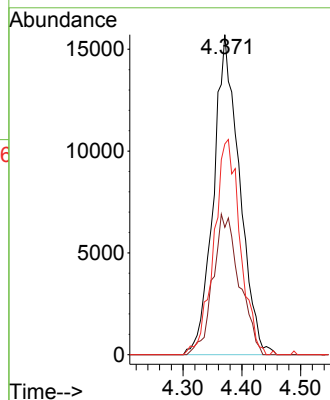
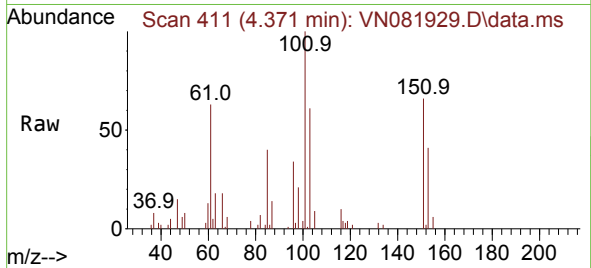




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.005 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

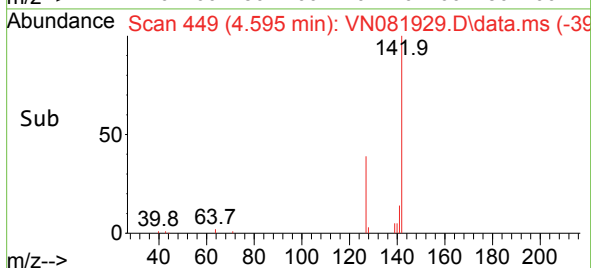
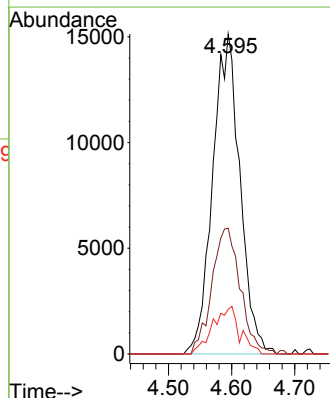
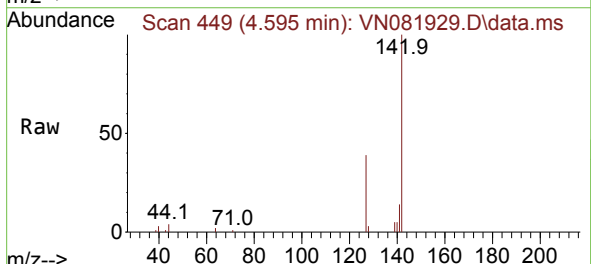
Instrument :  
MSVOA\_N  
ClientSampleId :

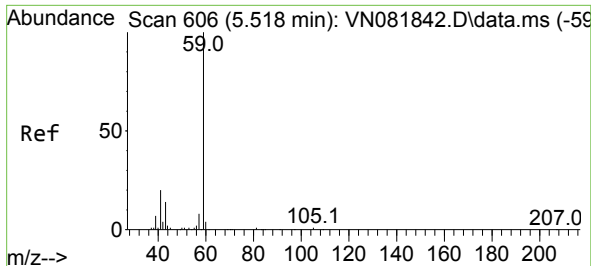
Tgt Ion:101 Resp: 48300  
Ion Ratio Lower Upper  
101 100  
85 44.9 37.3 55.9  
151 67.7 59.2 88.8



#10  
Methyl Iodide  
Concen: 19.289 ug/l  
RT: 4.595 min Scan# 449  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

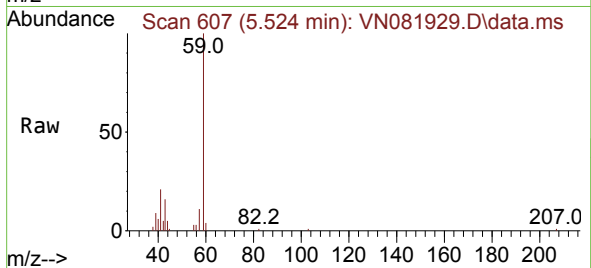
Tgt Ion:142 Resp: 45322  
Ion Ratio Lower Upper  
142 100  
127 39.3 35.8 53.6  
141 13.9 11.4 17.2



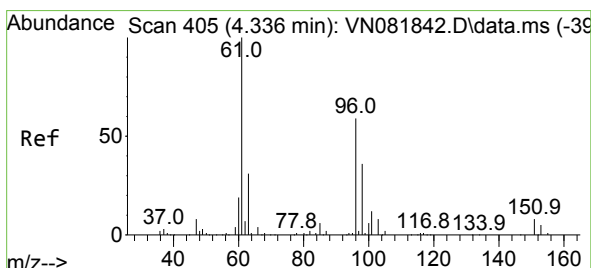
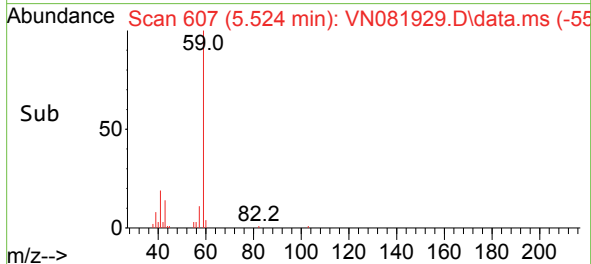
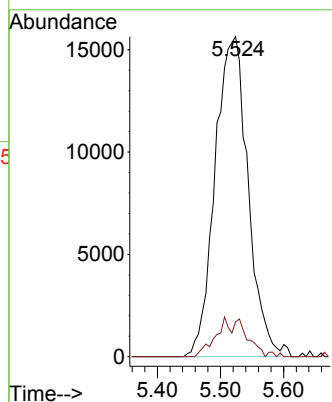


#11  
Tert butyl alcohol  
Concen: 81.767 ug/l  
RT: 5.524 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :

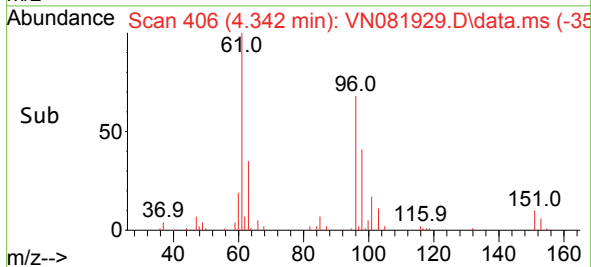
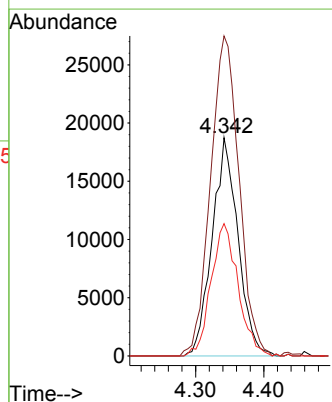
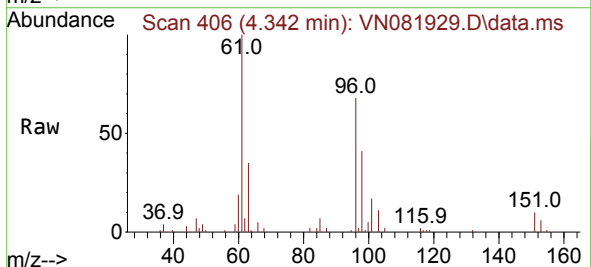


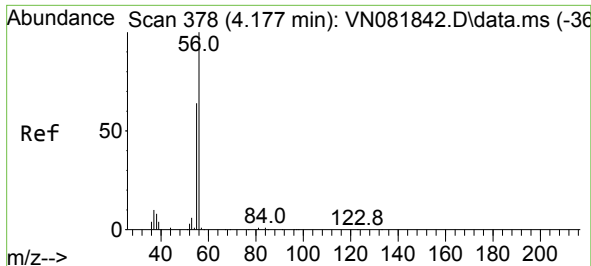
Tgt Ion: 59 Resp: 56529  
Ion Ratio Lower Upper  
59 100  
57 5.0 8.9 13.3#



#12  
1,1-Dichloroethene  
Concen: 18.137 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 96 Resp: 49497  
Ion Ratio Lower Upper  
96 100  
61 146.7 119.7 179.5  
98 60.6 49.6 74.4





#13

Acrolein

Concen: 70.068 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

Instrument :

MSVOA\_N

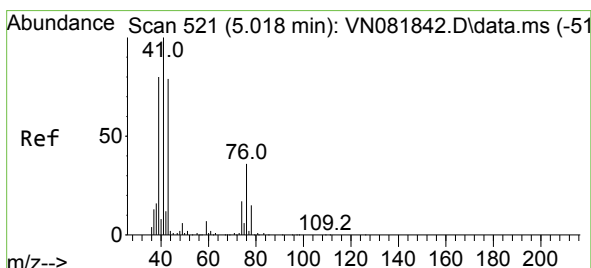
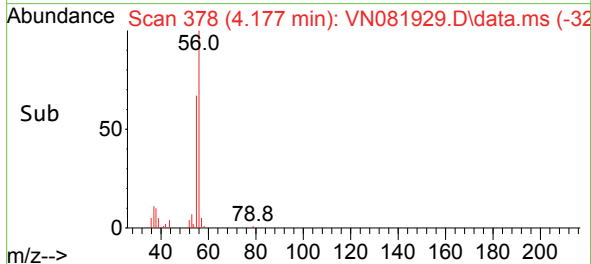
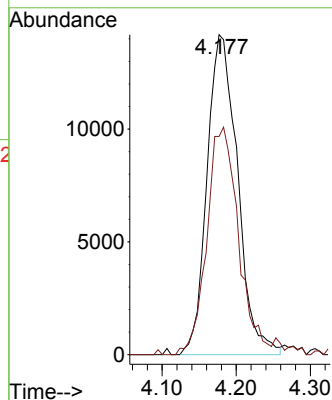
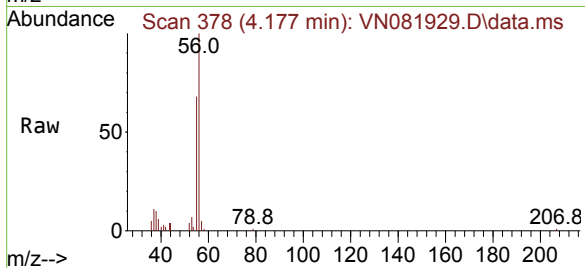
ClientSampleId :

Tgt Ion: 56 Resp: 40630

Ion Ratio Lower Upper

56 100

55 73.4 55.8 83.8



#14

Allyl chloride

Concen: 14.941 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

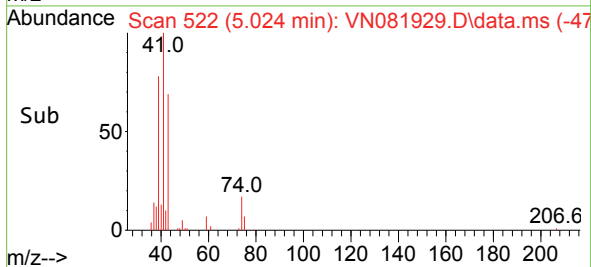
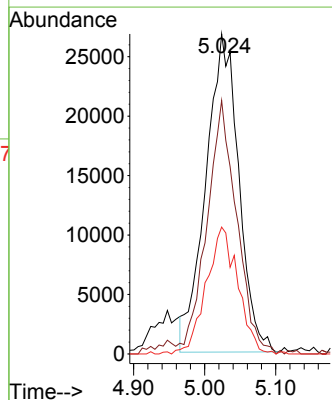
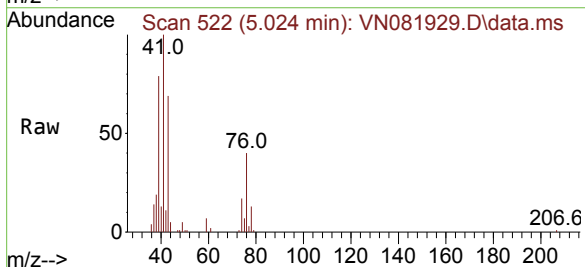
Tgt Ion: 41 Resp: 86254

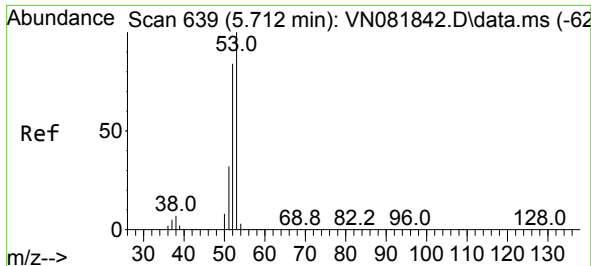
Ion Ratio Lower Upper

41 100

39 72.4 65.4 98.0

76 38.3 37.3 55.9

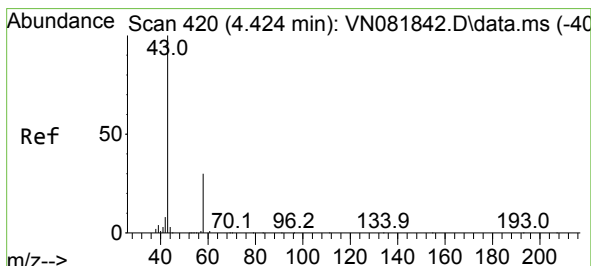
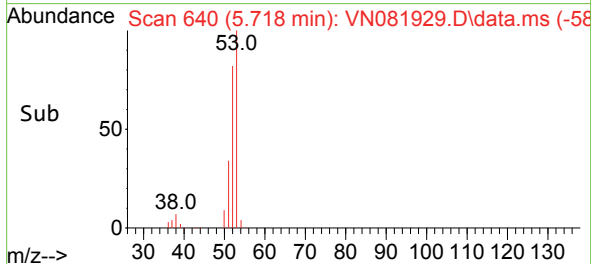
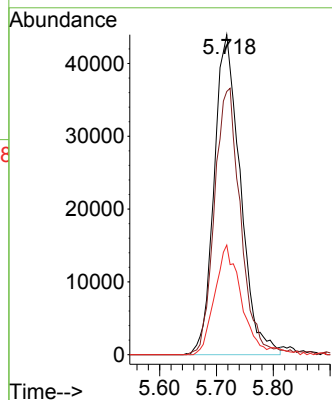
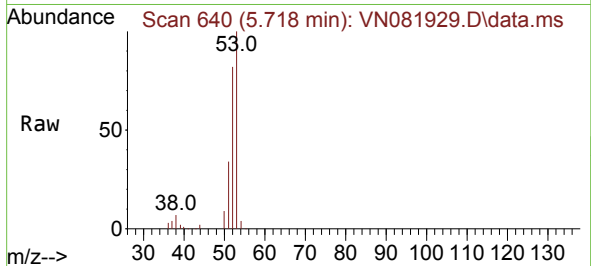




#15  
Acrylonitrile  
Concen: 84.755 ug/l  
RT: 5.718 min Scan# 64  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

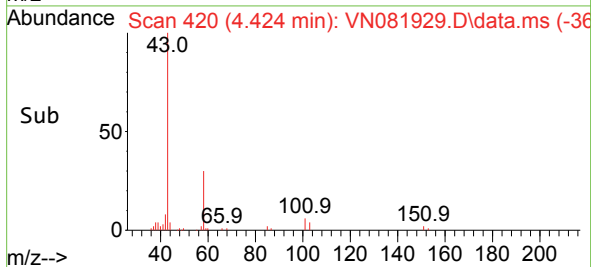
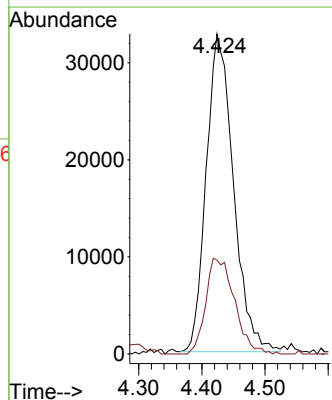
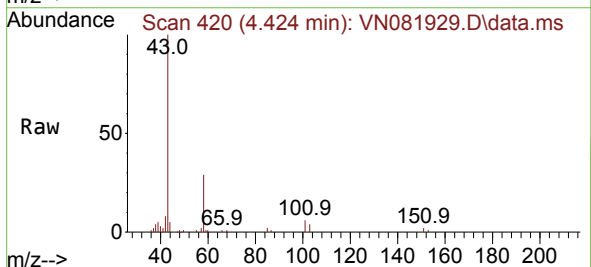
Instrument :  
MSVOA\_N  
ClientSampleId :

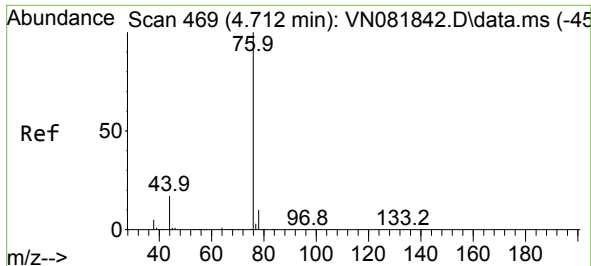
Tgt Ion: 53 Resp: 140700  
Ion Ratio Lower Upper  
53 100  
52 83.5 66.1 99.1  
51 34.1 29.4 44.2



#16  
Acetone  
Concen: 83.747 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 43 Resp: 98268  
Ion Ratio Lower Upper  
43 100  
58 29.5 25.2 37.8

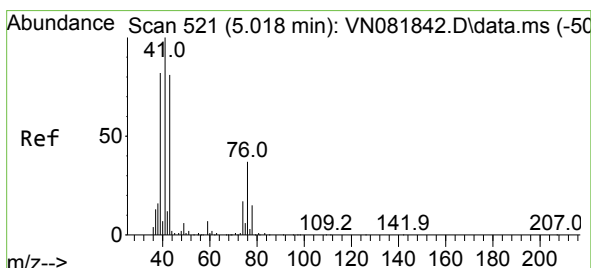
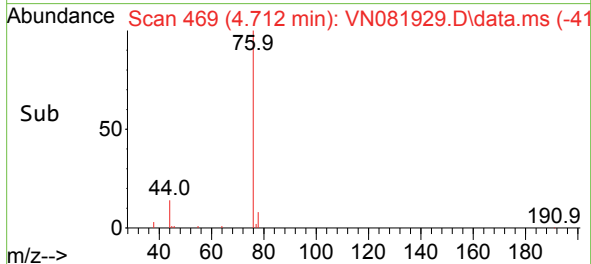
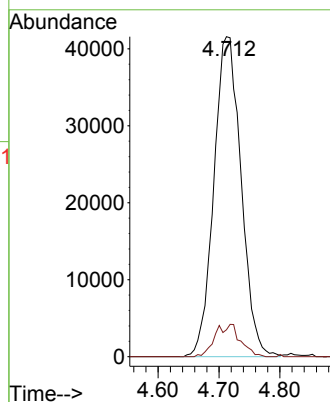
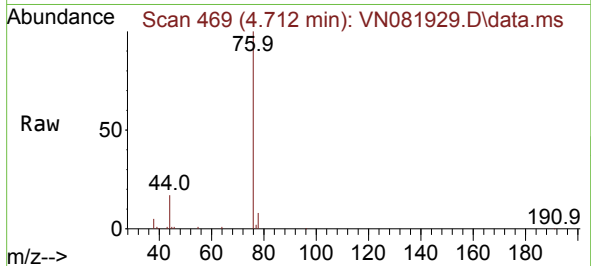




#17  
Carbon Disulfide  
Concen: 15.734 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

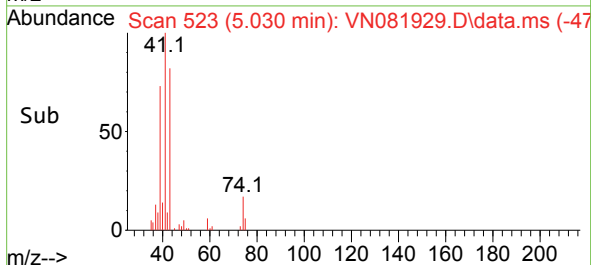
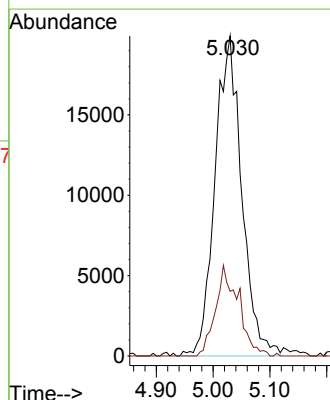
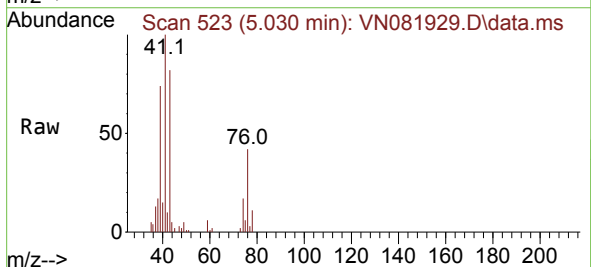
Instrument :  
MSVOA\_N  
ClientSampleId :

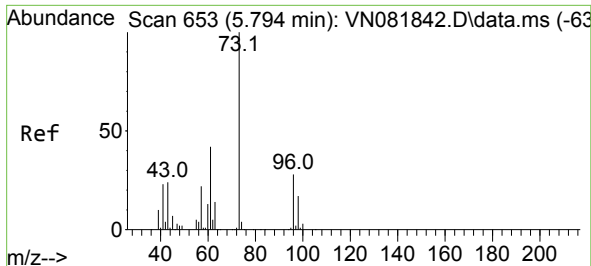
Tgt Ion: 76 Resp: 129060  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.5 11.3



#18  
Methyl Acetate  
Concen: 16.903 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.012 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 43 Resp: 65108  
Ion Ratio Lower Upper  
43 100  
74 24.5 22.2 33.2

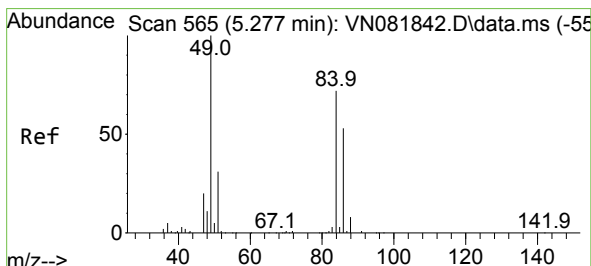
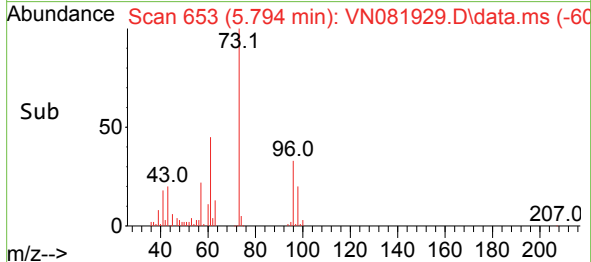
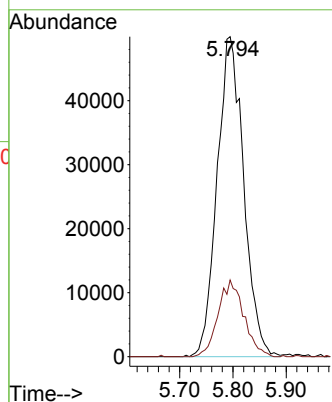
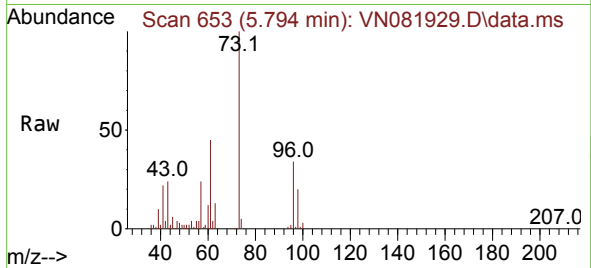




#19  
Methyl tert-butyl Ether  
Concen: 16.820 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

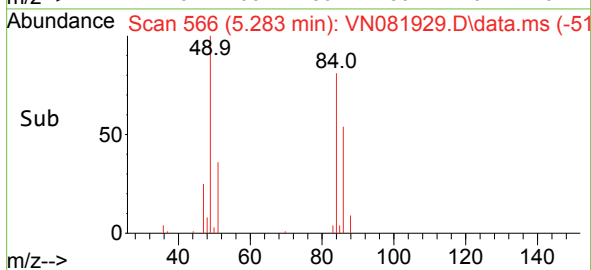
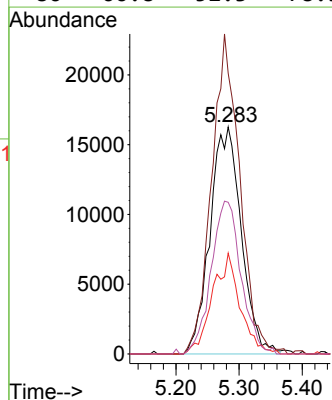
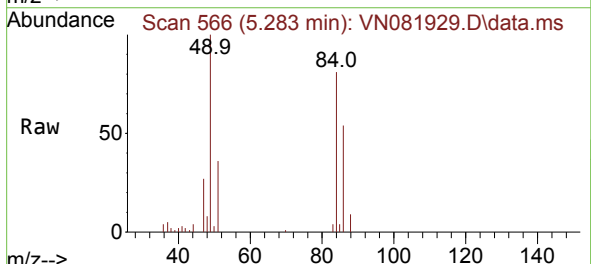
Instrument :  
MSVOA\_N  
ClientSampleId :

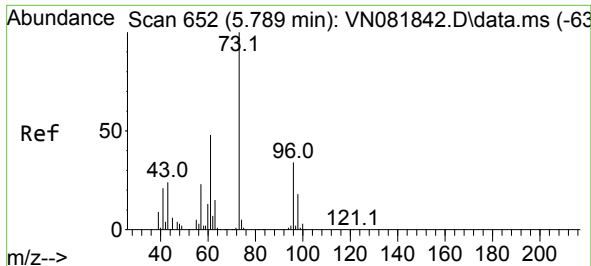
Tgt Ion: 73 Resp: 173219  
Ion Ratio Lower Upper  
73 100  
57 23.9 16.5 24.7



#20  
Methylene Chloride  
Concen: 17.147 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 84 Resp: 55883  
Ion Ratio Lower Upper  
84 100  
49 123.6 84.9 127.3  
51 44.4 27.0 40.6#  
86 66.8 52.3 78.5

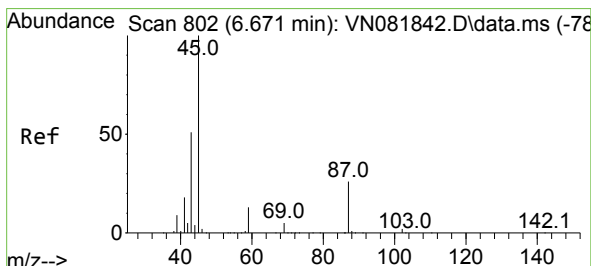
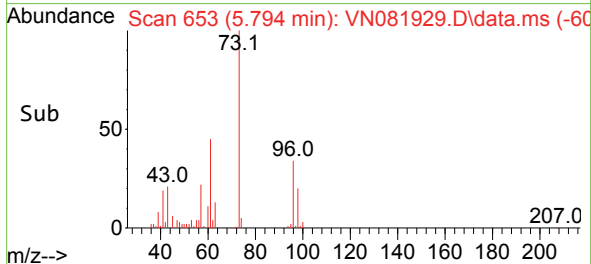
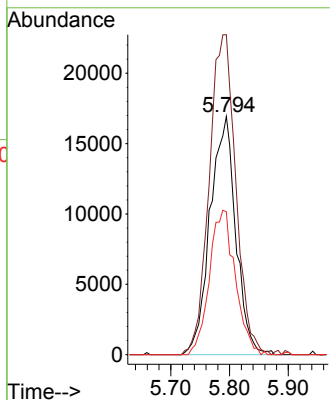
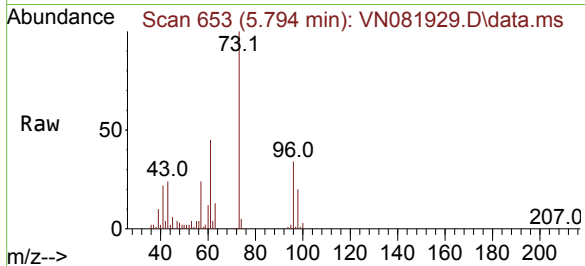




#21  
trans-1,2-Dichloroethene  
Concen: 17.277 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

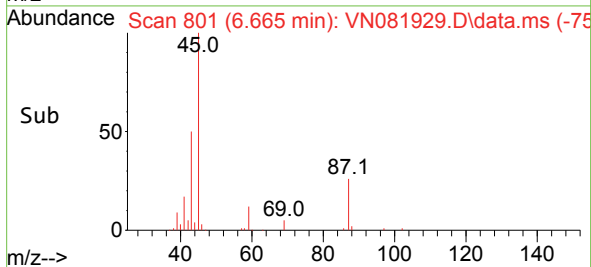
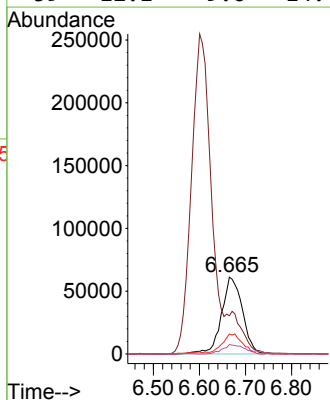
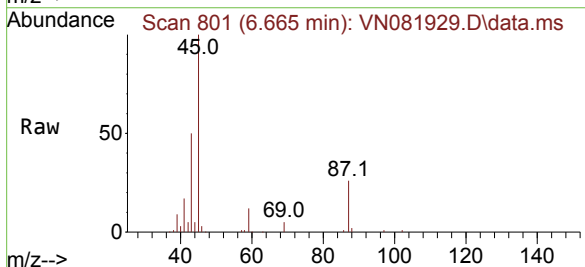
Instrument :  
MSVOA\_N  
ClientSampleId :

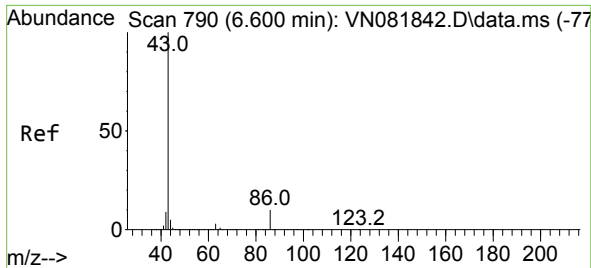
Tgt Ion: 96 Resp: 51411  
Ion Ratio Lower Upper  
96 100  
61 134.4 96.5 144.7  
98 60.0 51.3 76.9



#22  
Diisopropyl ether  
Concen: 17.247 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 45 Resp: 192655  
Ion Ratio Lower Upper  
45 100  
43 48.7 44.1 66.1  
87 26.1 27.0 40.6#  
59 12.1 9.6 14.4

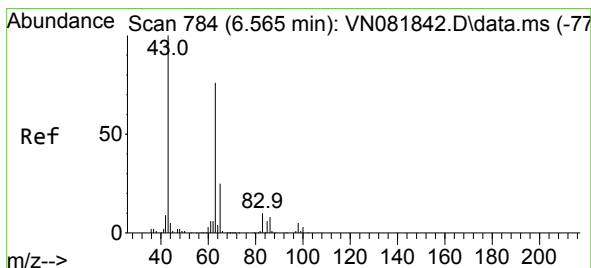
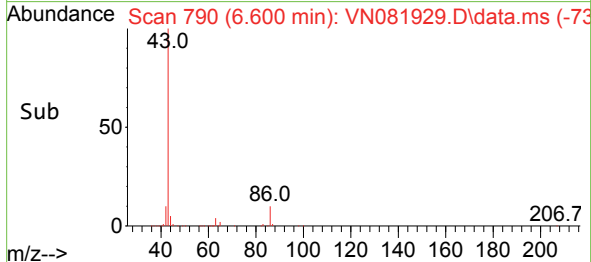
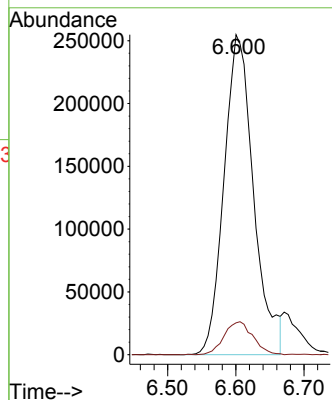
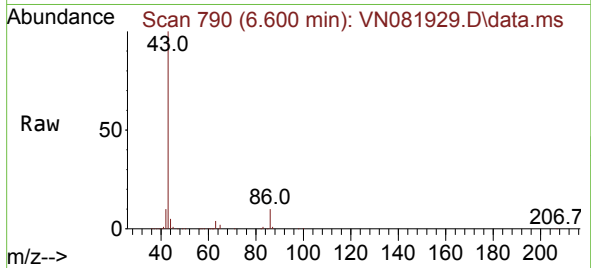




#23  
 Vinyl Acetate  
 Concen: 84.685 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

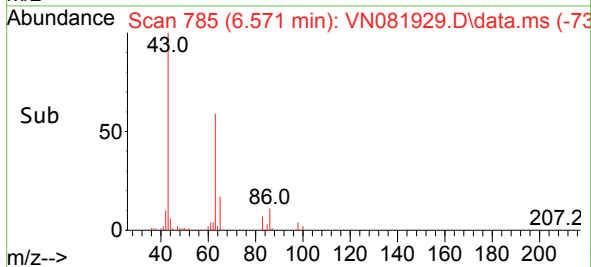
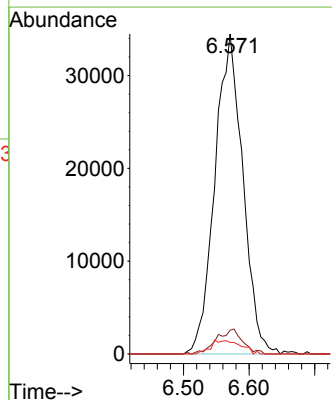
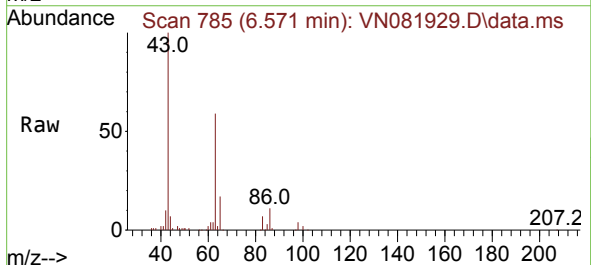
Instrument :  
 MSVOA\_N  
 ClientSampleId :

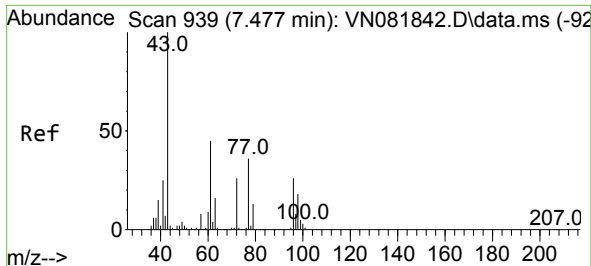
Tgt Ion: 43 Resp: 768633  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 10.2 15.4#



#24  
 1,1-Dichloroethane  
 Concen: 17.532 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

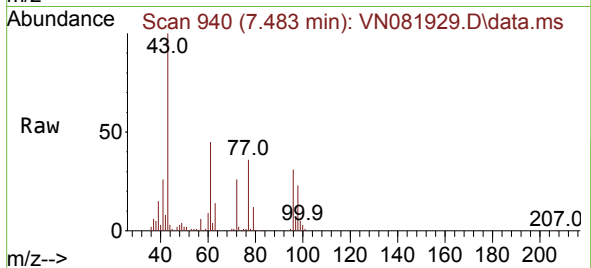
Tgt Ion: 63 Resp: 101932  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.6 10.9  
 100 3.6 2.6 7.8



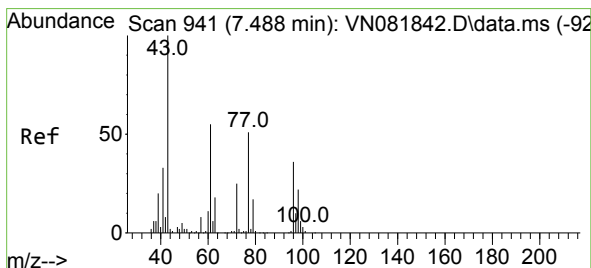
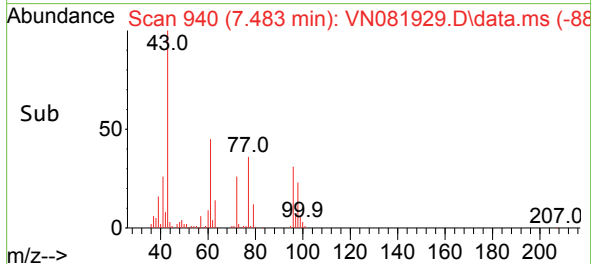
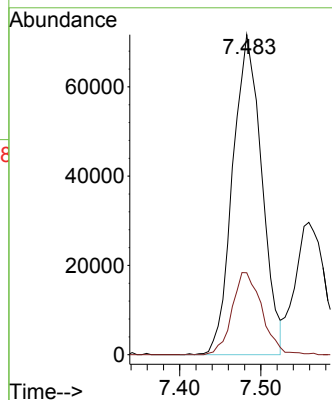


#25  
2-Butanone  
Concen: 82.744 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :

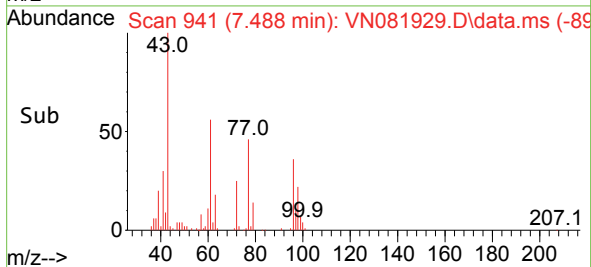
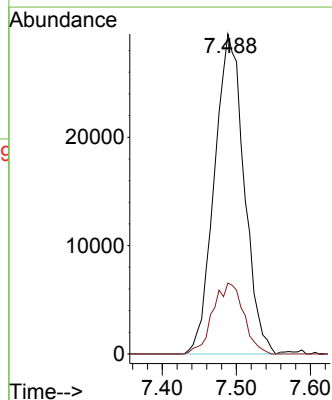
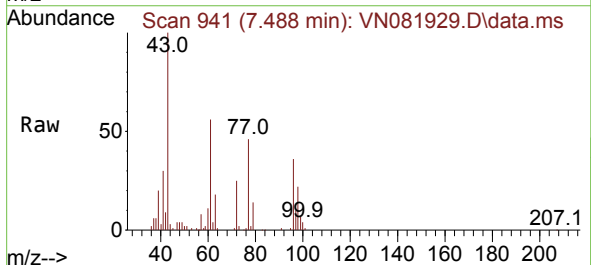


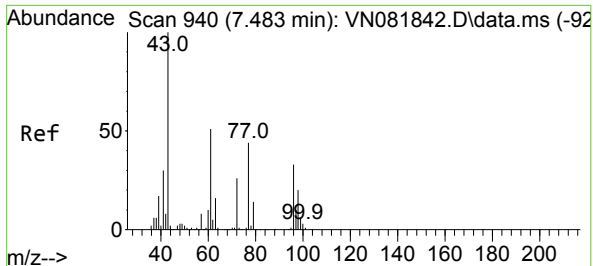
Tgt Ion: 43 Resp: 178600  
Ion Ratio Lower Upper  
43 100  
72 25.6 25.3 37.9



#26  
2,2-Dichloropropane  
Concen: 15.405 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

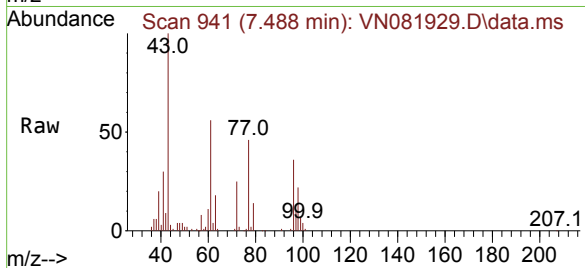
Tgt Ion: 77 Resp: 82393  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.3 33.9



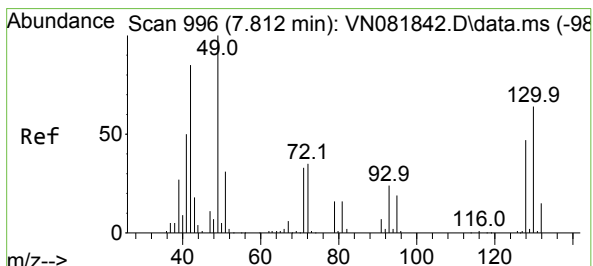
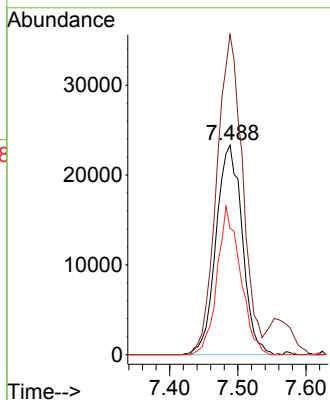
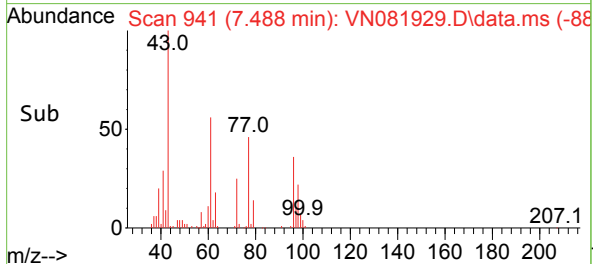


#27  
 cis-1,2-Dichloroethene  
 Concen: 17.926 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :

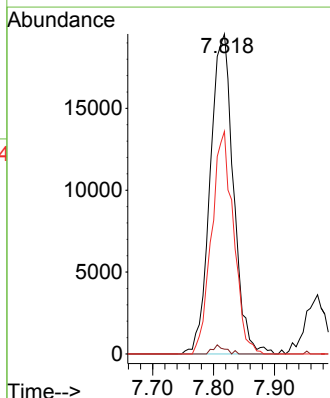
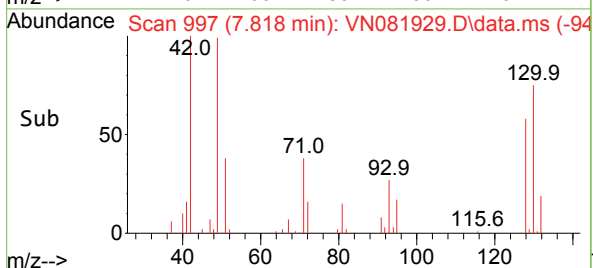
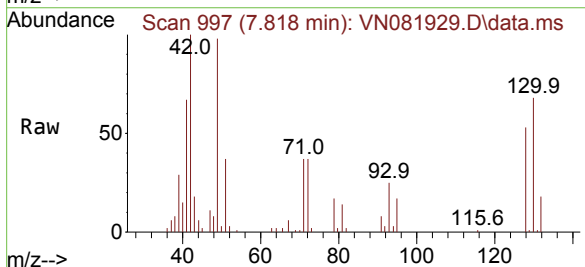


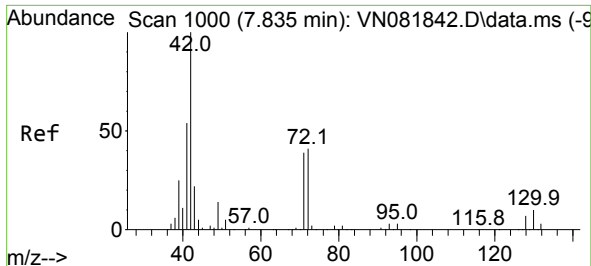
Tgt Ion: 96 Resp: 62330  
 Ion Ratio Lower Upper  
 96 100  
 61 150.8 0.0 268.0  
 98 63.0 0.0 126.8



#28  
 Bromochloromethane  
 Concen: 18.748 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

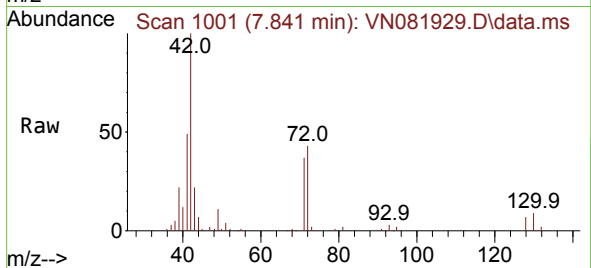
Tgt Ion: 49 Resp: 51807  
 Ion Ratio Lower Upper  
 49 100  
 129 1.5 0.0 4.6  
 130 65.8 66.7 100.1#



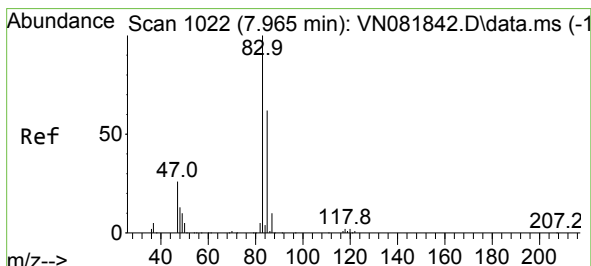
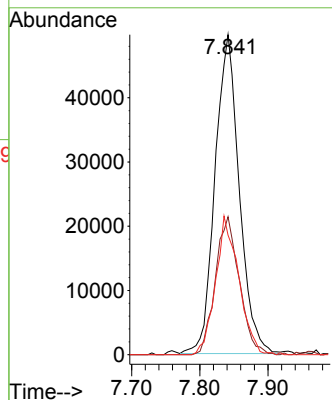
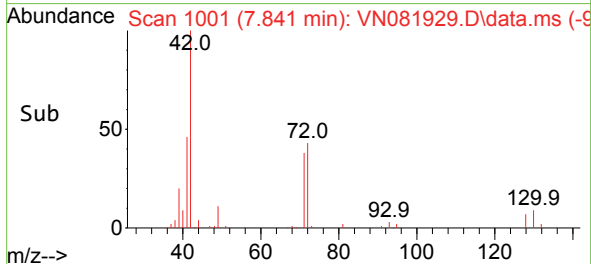


#29  
Tetrahydrofuran  
Concen: 79.319 ug/l  
RT: 7.841 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :

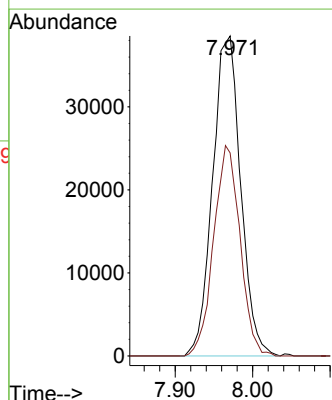
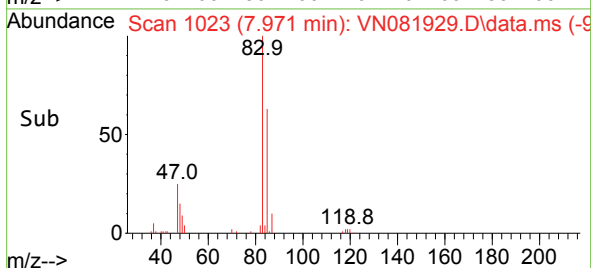
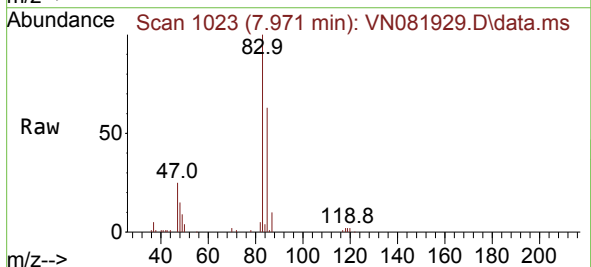


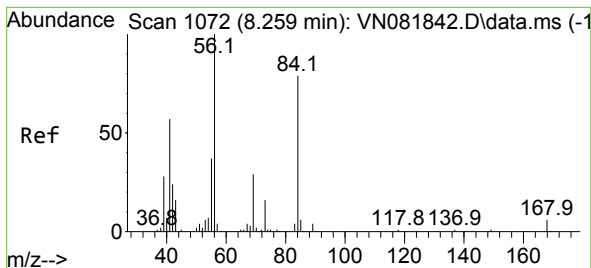
Tgt Ion: 42 Resp: 122774  
Ion Ratio Lower Upper  
42 100  
72 42.8 39.3 58.9  
71 41.7 37.4 56.0



#30  
Chloroform  
Concen: 16.836 ug/l  
RT: 7.971 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 83 Resp: 97026  
Ion Ratio Lower Upper  
83 100  
85 63.4 50.7 76.1





#31

Cyclohexane

Concen: 16.456 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

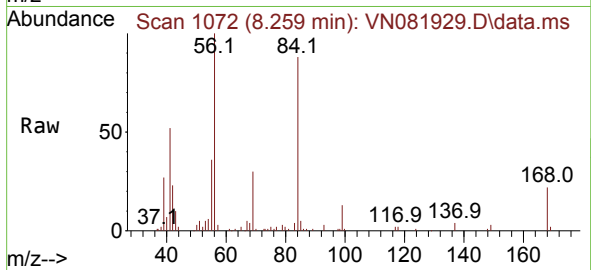
Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

Instrument :

MSVOA\_N

ClientSampleId :



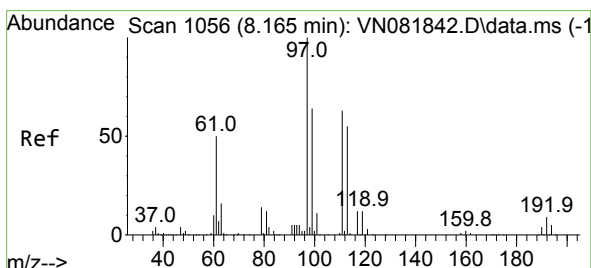
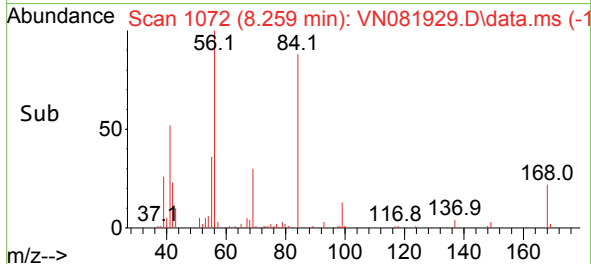
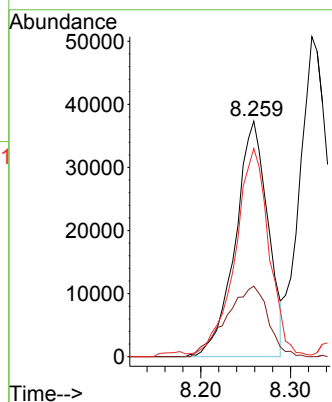
Tgt Ion: 56 Resp: 94276

Ion Ratio Lower Upper

56 100

69 30.0 24.4 36.6

84 86.2 77.0 115.4



#32

1,1,1-Trichloroethane

Concen: 16.144 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.012 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

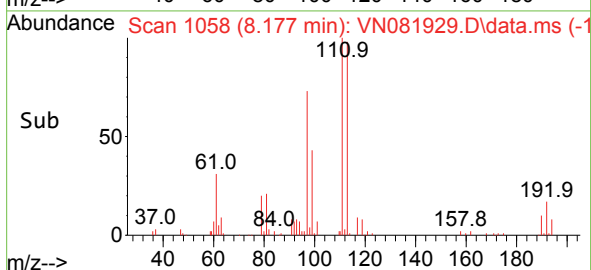
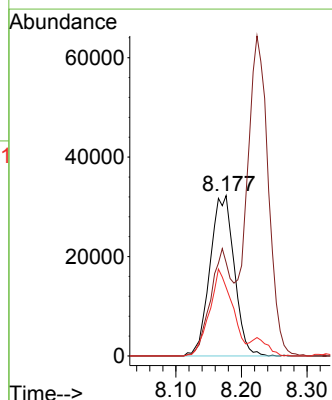
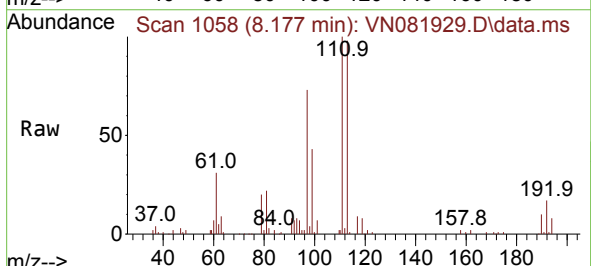
Tgt Ion: 97 Resp: 82975

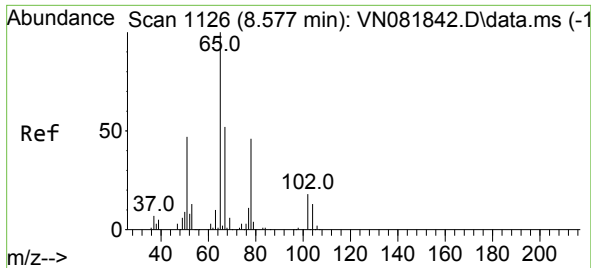
Ion Ratio Lower Upper

97 100

99 57.5 50.3 75.5

61 50.9 36.6 55.0

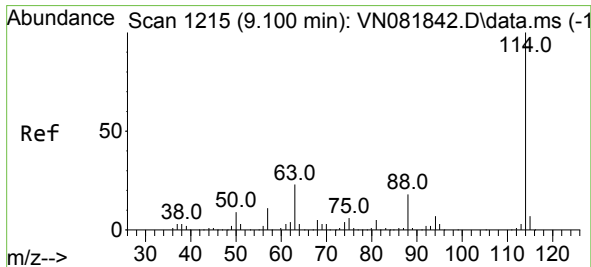
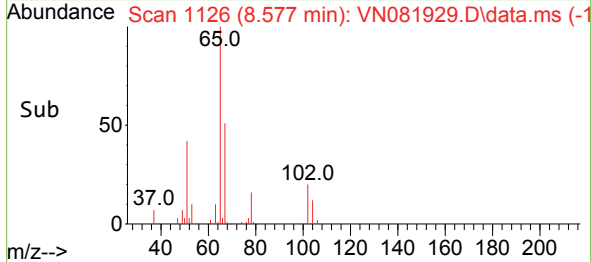
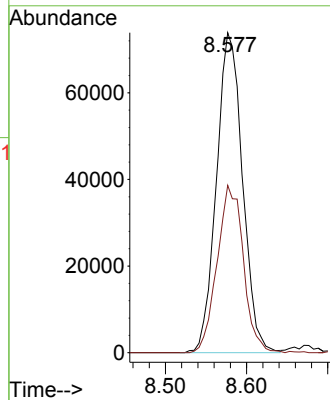
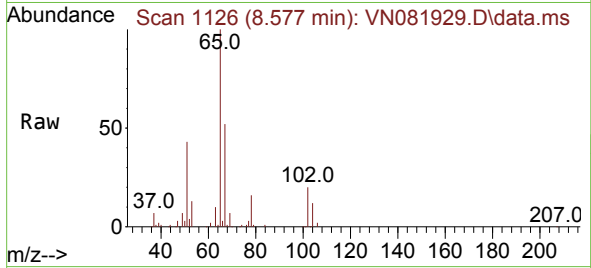




#33  
1,2-Dichloroethane-d4  
Concen: 43.352 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

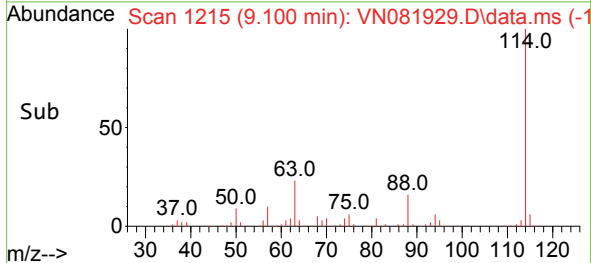
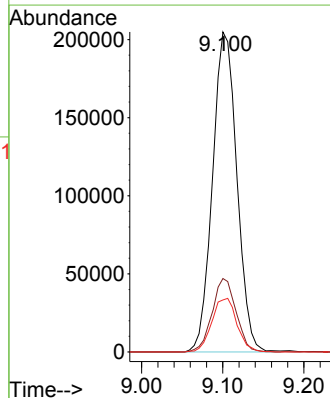
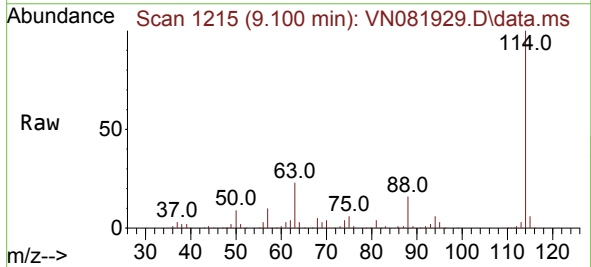
Instrument :  
MSVOA\_N  
ClientSampleId :

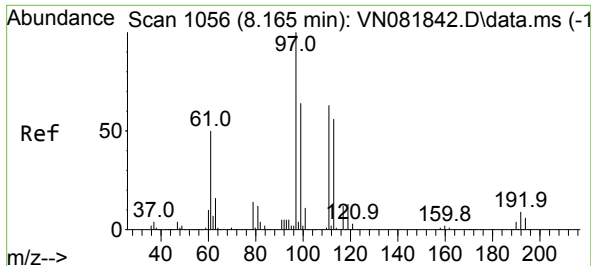
Tgt Ion: 65 Resp: 164867  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 103.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

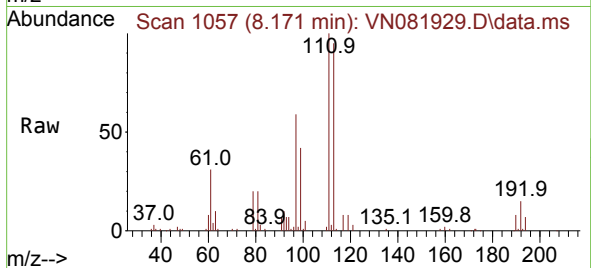
Tgt Ion: 114 Resp: 427272  
Ion Ratio Lower Upper  
114 100  
63 22.9 0.0 41.0  
88 16.2 0.0 31.4



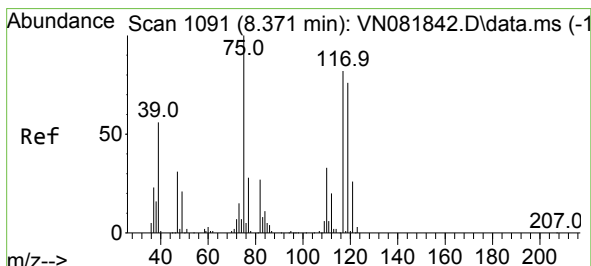
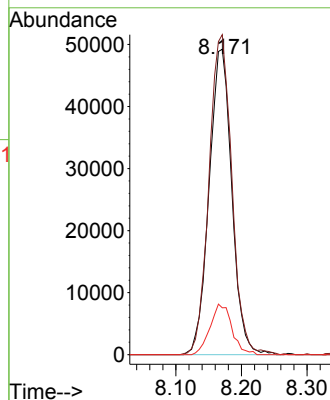
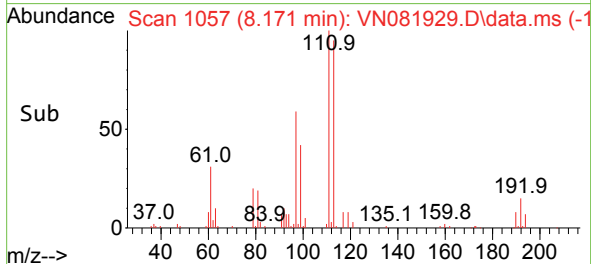


#35  
 Dibromofluoromethane  
 Concen: 46.003 ug/l  
 RT: 8.171 min Scan# 1056  
 Delta R.T. 0.006 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :

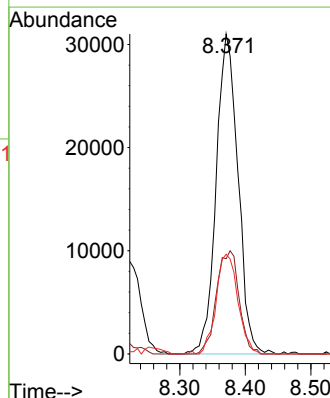
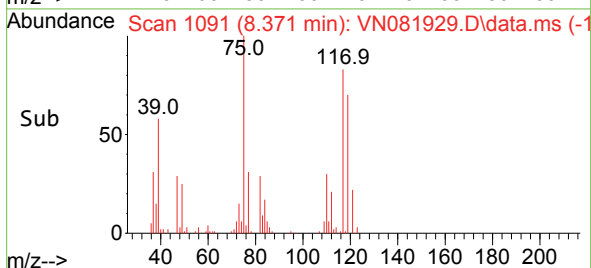
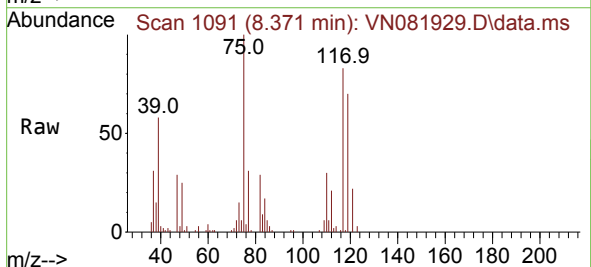


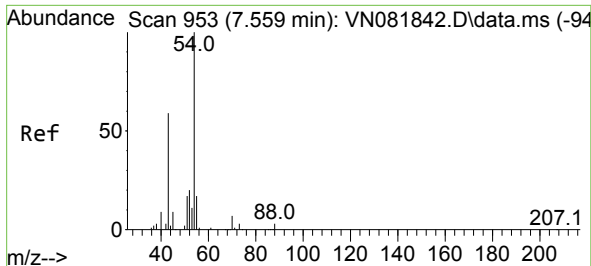
Tgt Ion:113 Resp: 118346  
 Ion Ratio Lower Upper  
 113 100  
 111 105.6 83.4 125.2  
 192 16.0 14.0 21.0



#36  
 1,1-Dichloropropene  
 Concen: 17.085 ug/l  
 RT: 8.371 min Scan# 1091  
 Delta R.T. 0.000 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

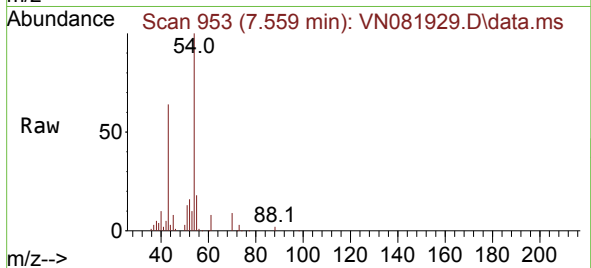
Tgt Ion: 75 Resp: 71504  
 Ion Ratio Lower Upper  
 75 100  
 110 33.4 17.8 53.5  
 77 31.1 25.0 37.4



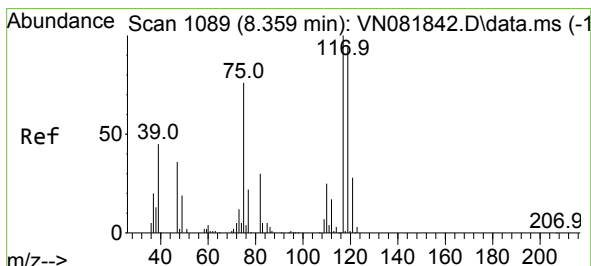
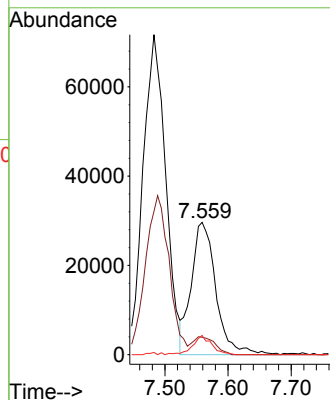
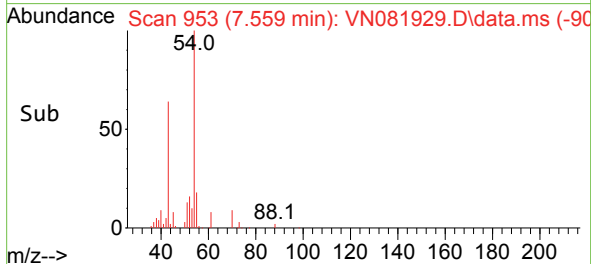


#37  
Ethyl Acetate  
Concen: 17.782 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :

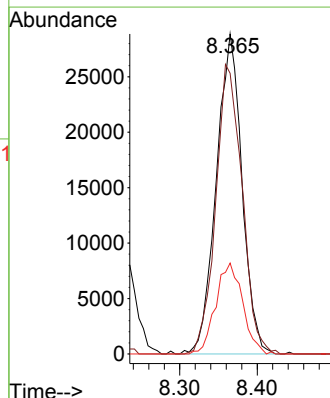
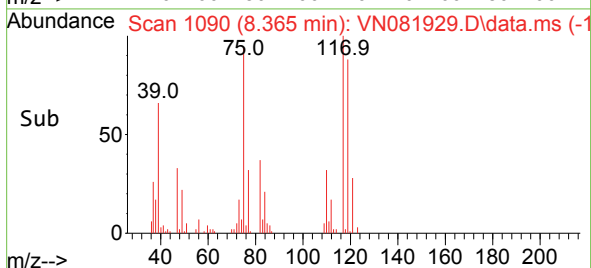
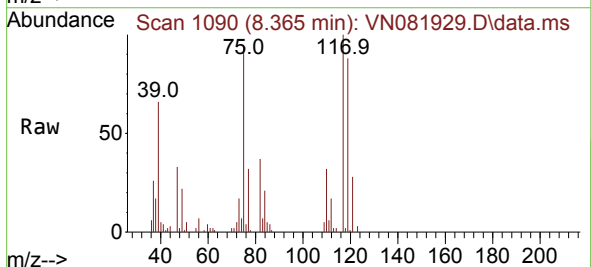


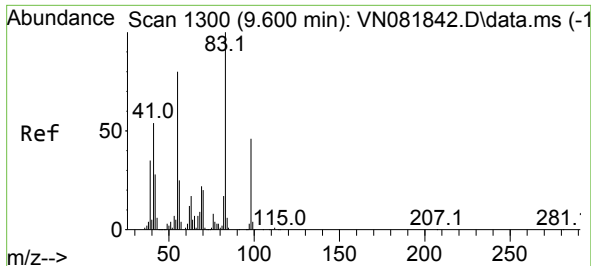
Tgt Ion: 43 Resp: 80465  
Ion Ratio Lower Upper  
43 100  
61 12.3 11.3 16.9  
70 11.2 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 16.252 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 117 Resp: 66477  
Ion Ratio Lower Upper  
117 100  
119 87.7 76.5 114.7  
121 28.4 23.9 35.9





#39

Methylcyclohexane

Concen: 17.591 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

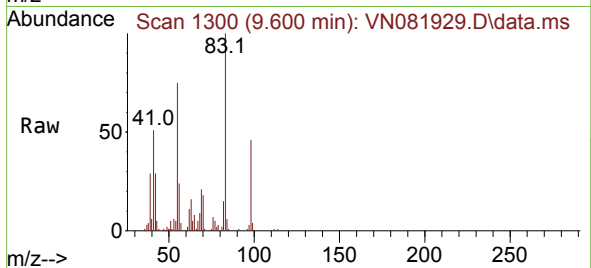
Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

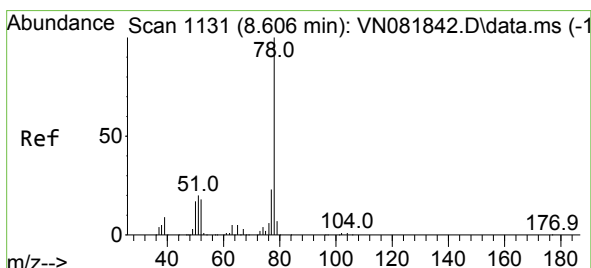
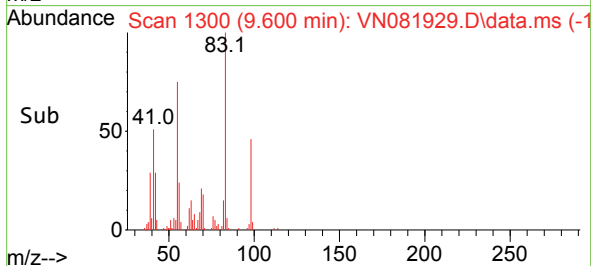
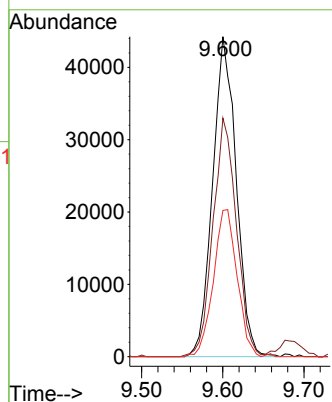
Instrument :

MSVOA\_N

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 89412    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 74.5 53.0 79.6 |
| 98          | 45.7 37.1 55.7 |



#40

Benzene

Concen: 18.205 ug/l

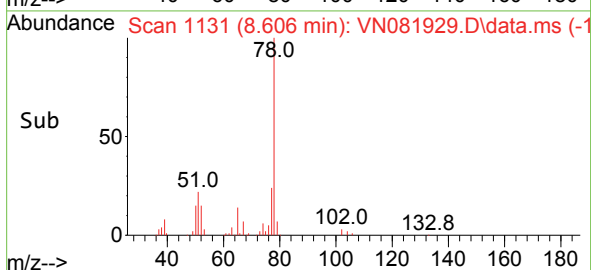
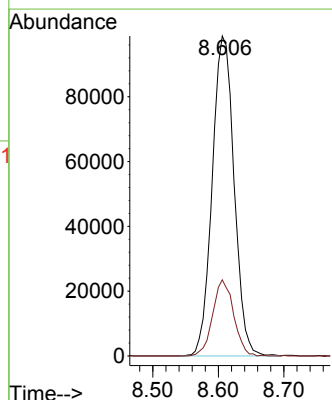
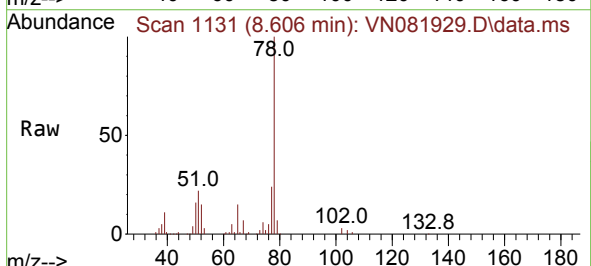
RT: 8.606 min Scan# 1131

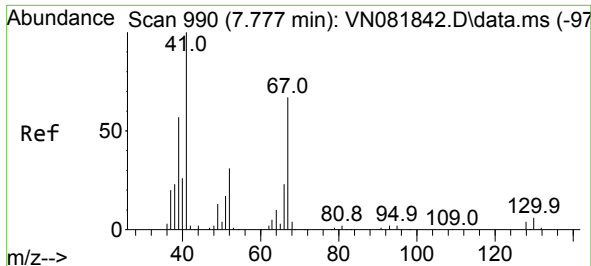
Delta R.T. 0.000 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 228724   |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 23.8 20.0 30.0 |

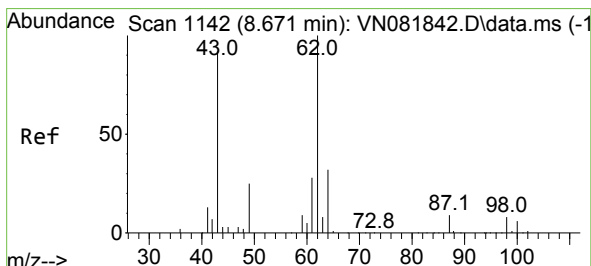
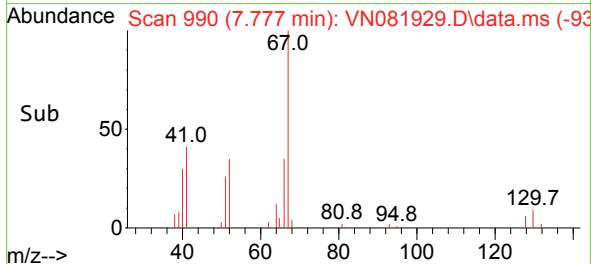
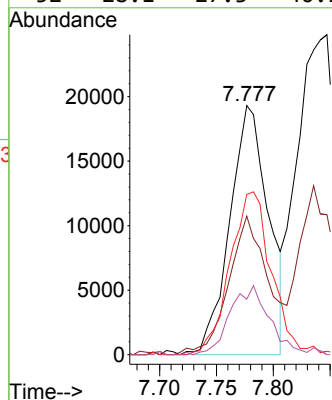
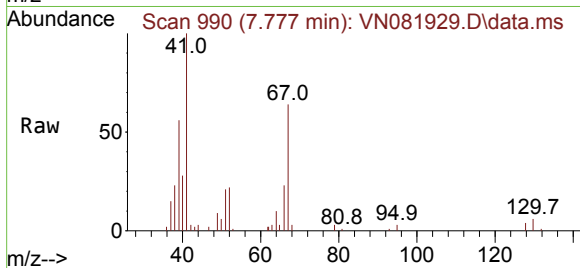




#41  
Methacrylonitrile  
Concen: 15.806 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

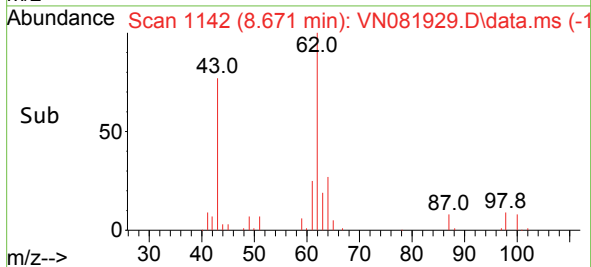
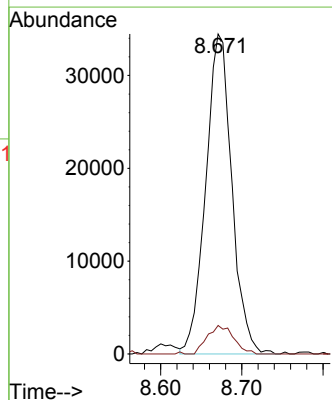
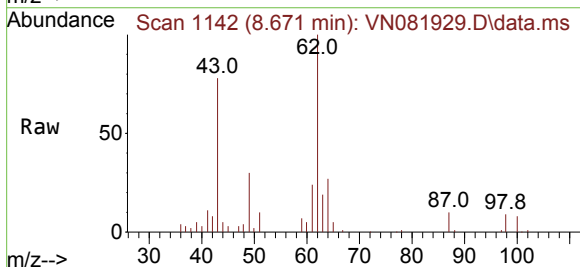
Instrument :  
MSVOA\_N  
ClientSampleId :

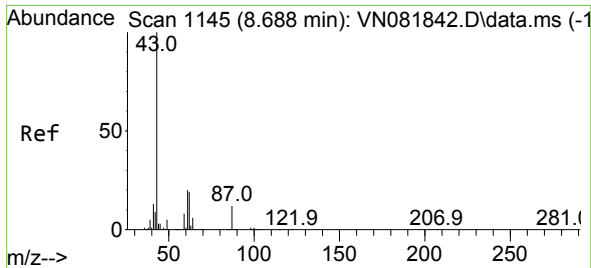
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 45637 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 57.9     | 46.6 69.8   |
| 67 70.3     | 67.3 100.9  |
| 52 28.1     | 27.3 40.9   |



#42  
1,2-Dichloroethane  
Concen: 16.491 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

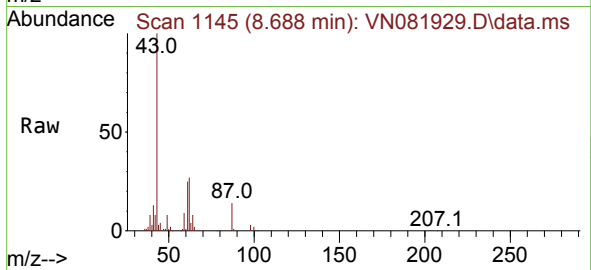
|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 76934 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 9.0      | 0.0 19.6    |



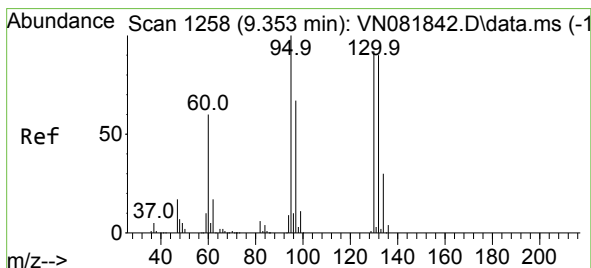
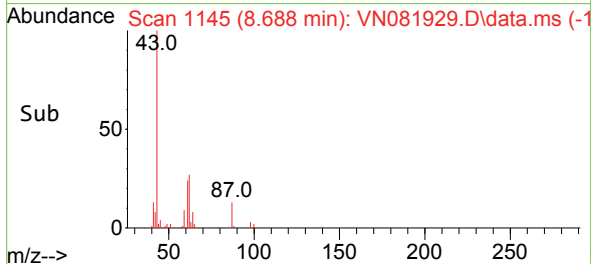
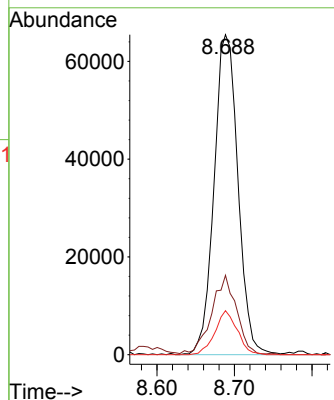


#43  
Isopropyl Acetate  
Concen: 16.485 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :

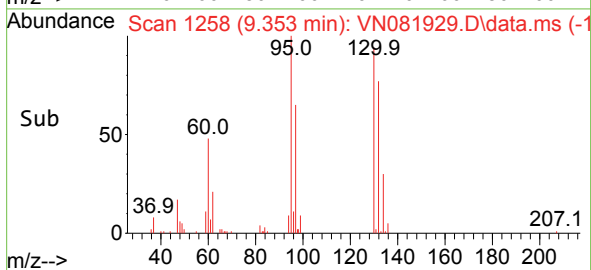
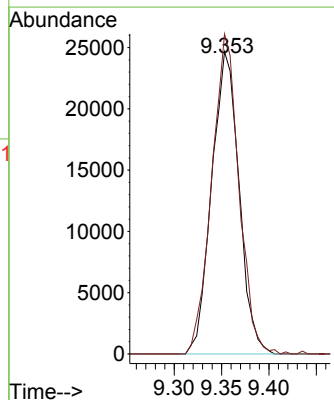
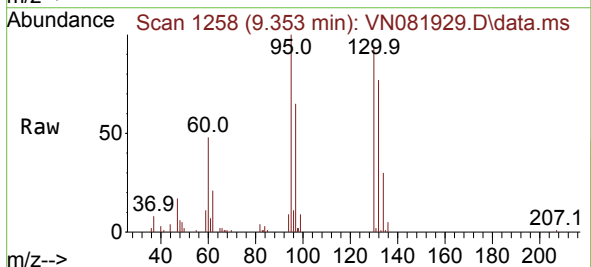


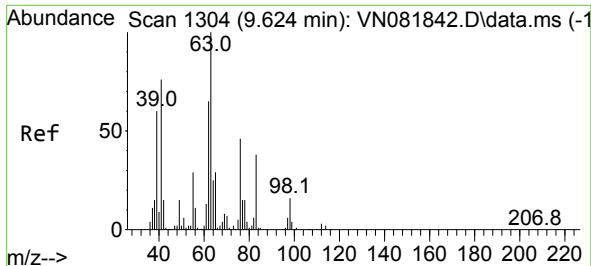
Tgt Ion: 43 Resp: 140266  
Ion Ratio Lower Upper  
43 100  
61 25.4 22.8 34.2  
87 12.8 12.0 18.0



#44  
Trichloroethene  
Concen: 17.076 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion:130 Resp: 49463  
Ion Ratio Lower Upper  
130 100  
95 105.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 17.370 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

Instrument :

MSVOA\_N

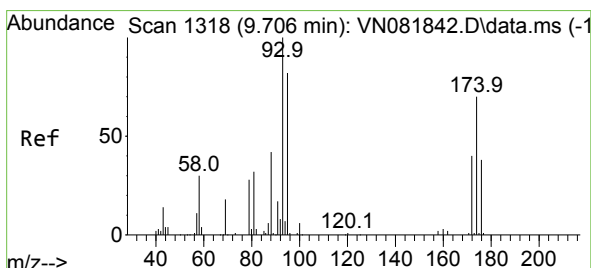
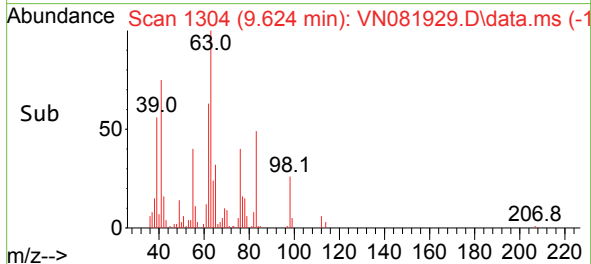
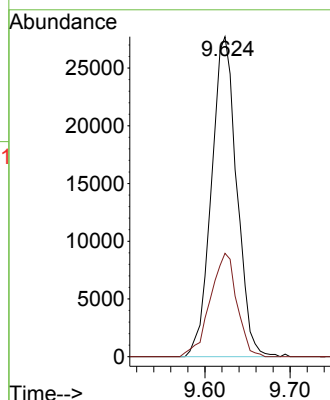
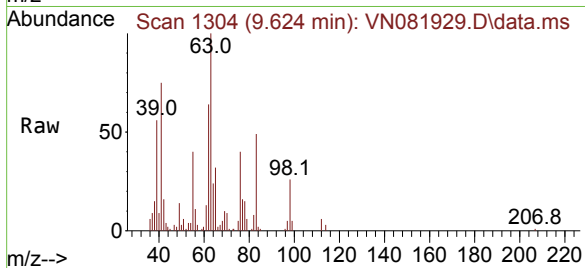
ClientSampleId :

Tgt Ion: 63 Resp: 57114

Ion Ratio Lower Upper

63 100

65 32.3 24.1 36.1



#46

Dibromomethane

Concen: 15.799 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

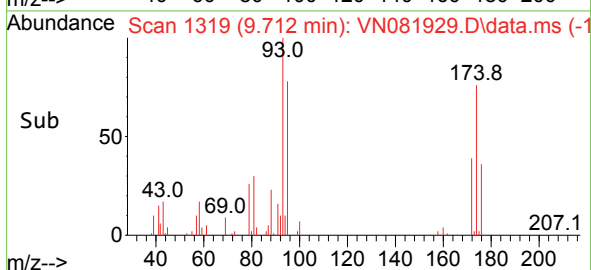
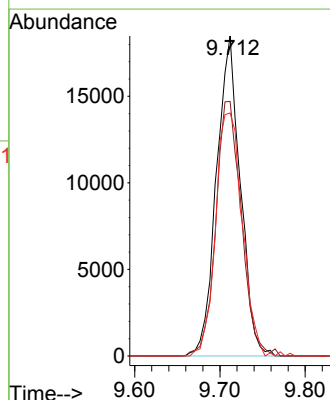
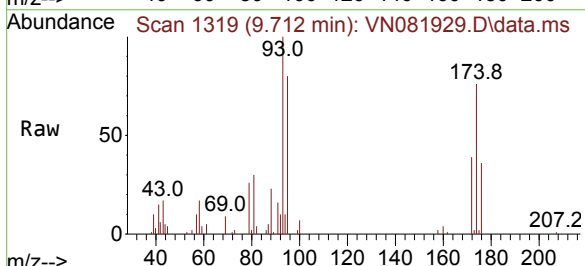
Tgt Ion: 93 Resp: 35905

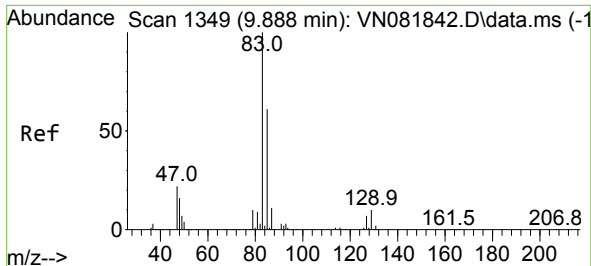
Ion Ratio Lower Upper

93 100

95 85.2 64.8 97.2

174 84.8 73.4 110.0

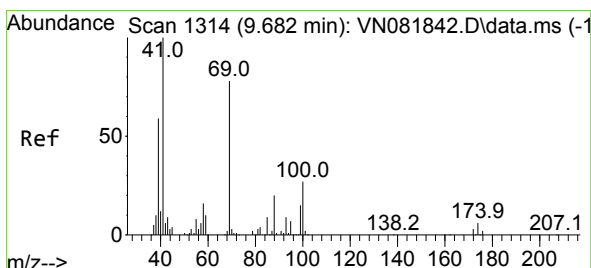
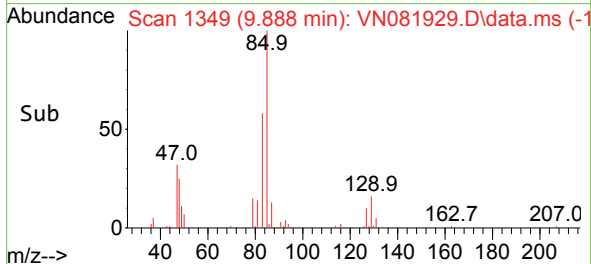
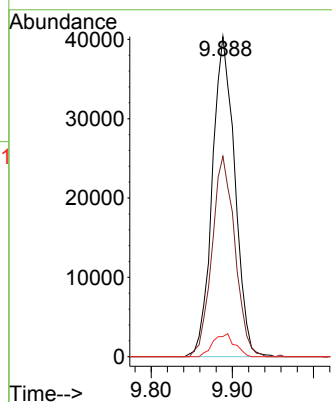
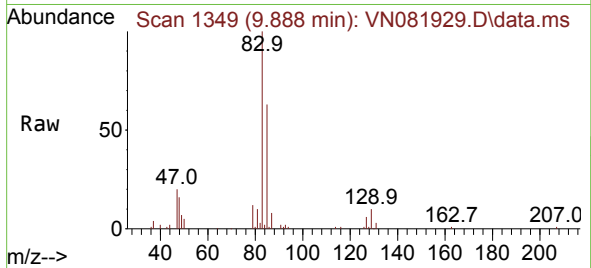




#47  
Bromodichloromethane  
Concen: 16.187 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

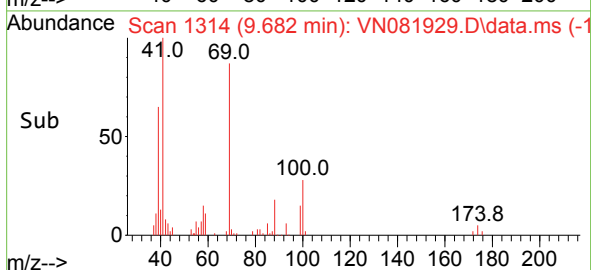
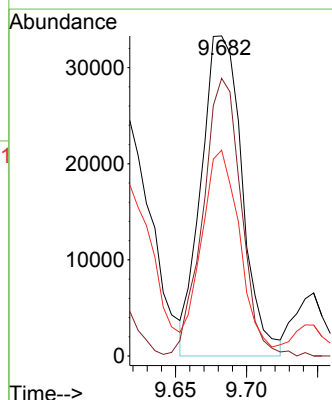
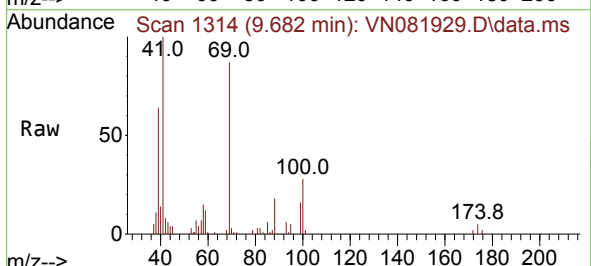
Instrument :  
MSVOA\_N  
ClientSampleId :

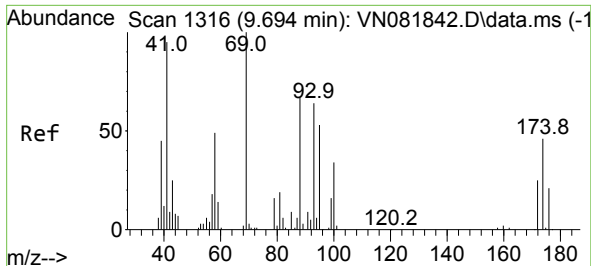
Tgt Ion: 83 Resp: 77582  
Ion Ratio Lower Upper  
83 100  
85 62.6 51.9 77.9  
127 6.3 7.5 11.3#



#48  
Methyl methacrylate  
Concen: 16.472 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 41 Resp: 66906  
Ion Ratio Lower Upper  
41 100  
69 80.8 77.9 116.9  
39 60.3 50.9 76.3





#49

1,4-Dioxane

Concen: 342.767 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

Instrument :

MSVOA\_N

ClientSampleId :

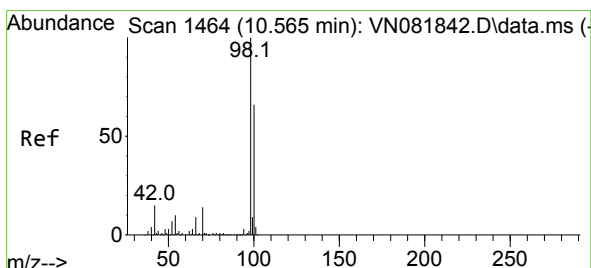
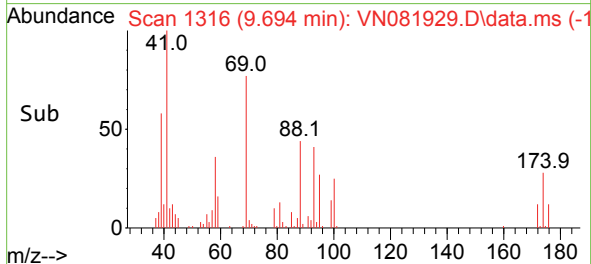
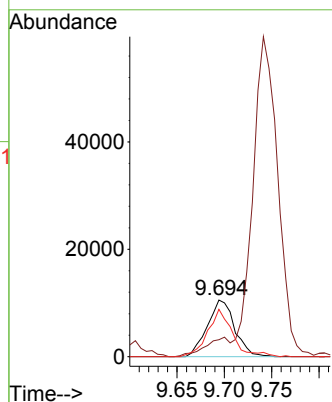
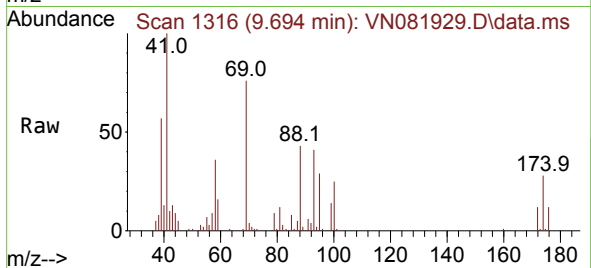
Tgt Ion: 88 Resp: 21161

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 76.7 50.6 76.0#



#50

Toluene-d8

Concen: 48.702 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081929.D

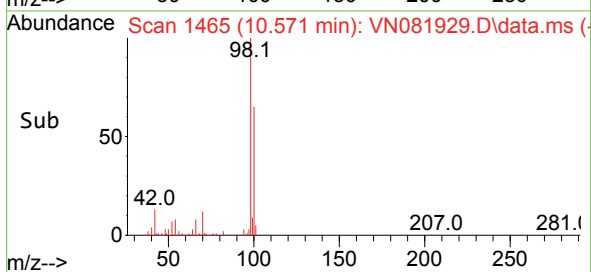
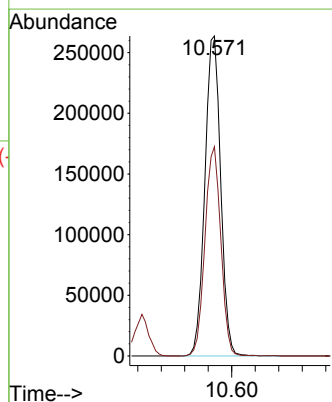
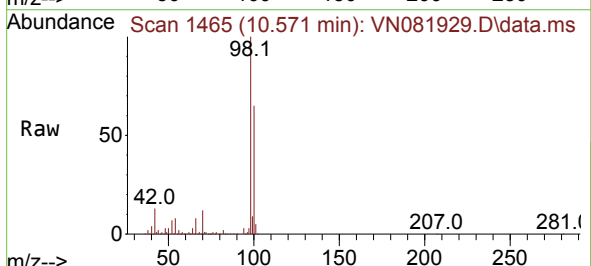
Acq: 30 Apr 2024 14:19

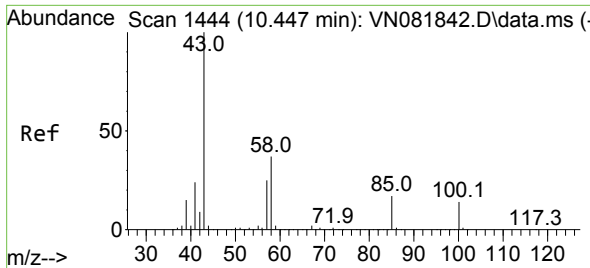
Tgt Ion: 98 Resp: 492064

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.6

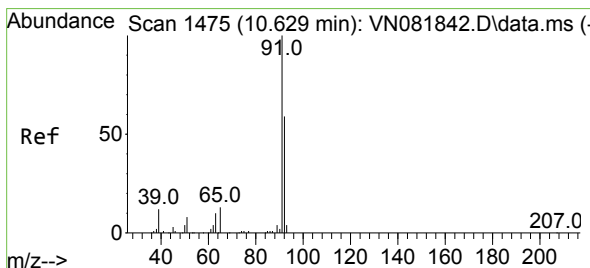
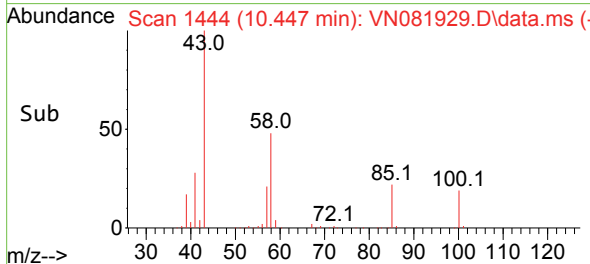
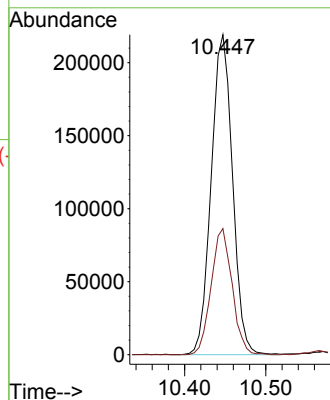
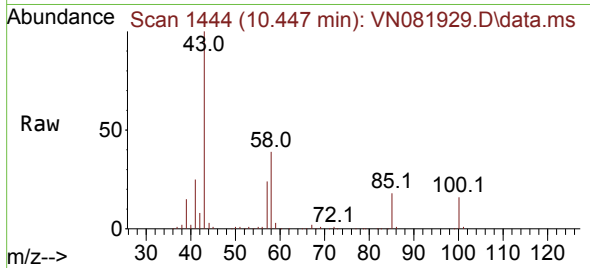




#51  
4-Methyl-2-Pentanone  
Concen: 83.536 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

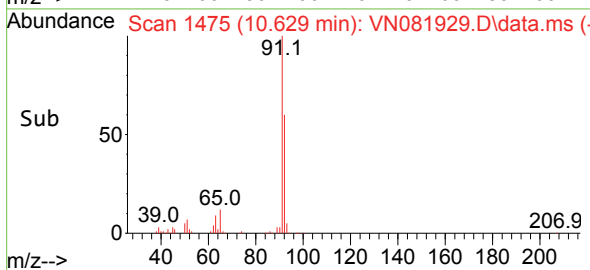
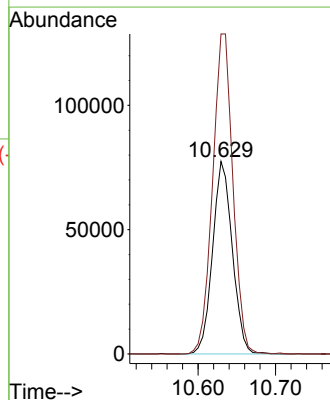
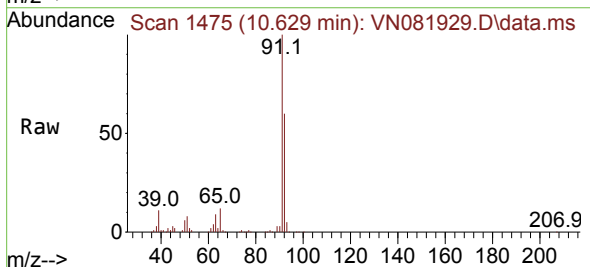
Instrument :  
MSVOA\_N  
ClientSampleId :

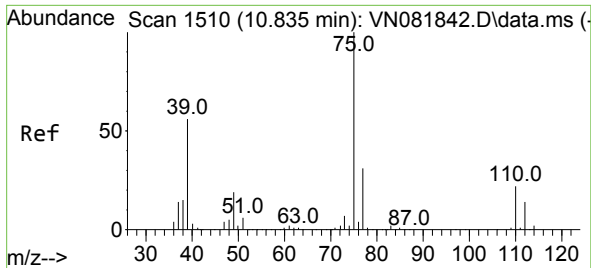
Tgt Ion: 43 Resp: 400119  
Ion Ratio Lower Upper  
43 100  
58 38.7 33.2 49.8



#52  
Toluene  
Concen: 18.209 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 92 Resp: 137002  
Ion Ratio Lower Upper  
92 100  
91 171.2 136.7 205.1

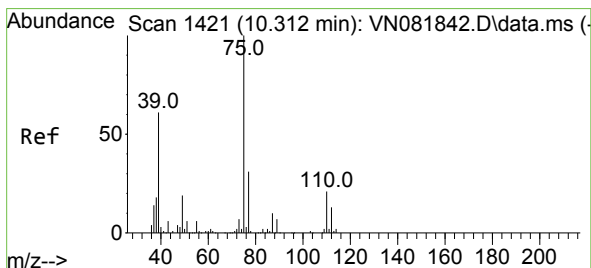
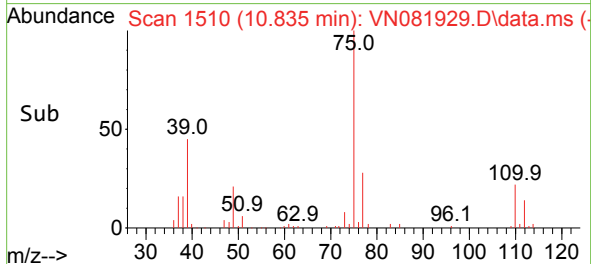
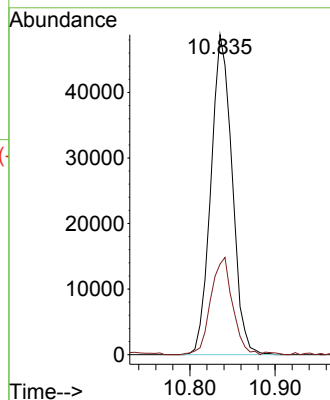
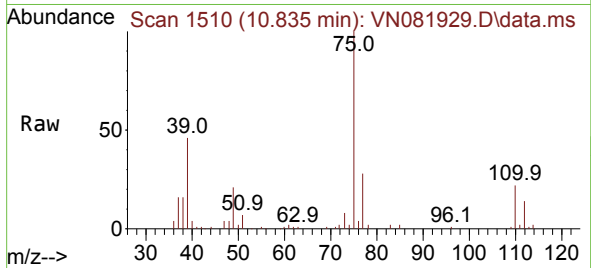




#53  
 t-1,3-Dichloropropene  
 Concen: 16.191 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

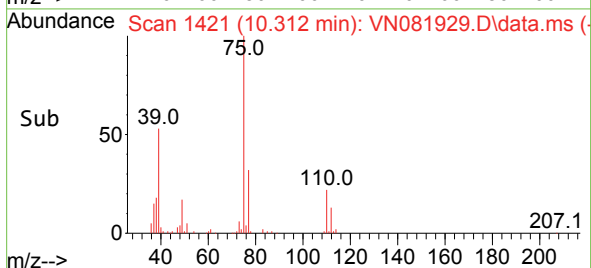
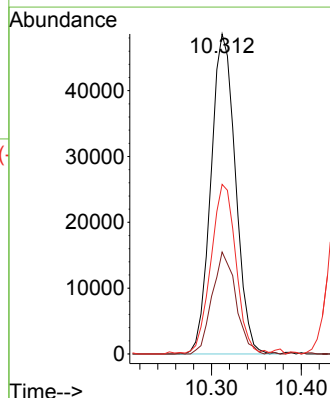
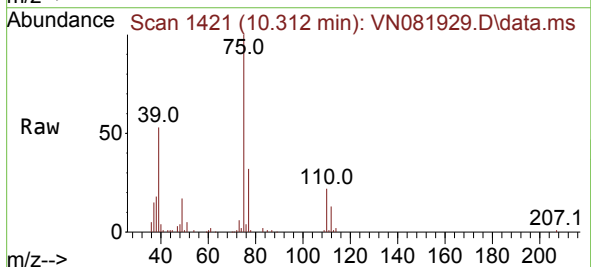
Instrument :  
 MSVOA\_N  
 ClientSampleId :

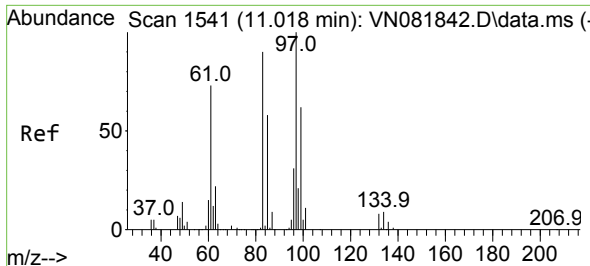
Tgt Ion: 75 Resp: 84438  
 Ion Ratio Lower Upper  
 75 100  
 77 28.3 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 17.171 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

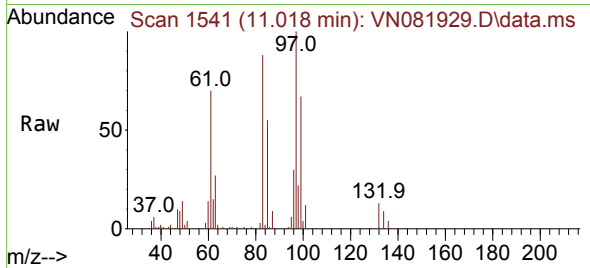
Tgt Ion: 75 Resp: 92290  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.0 37.4  
 39 52.5 34.8 52.2#



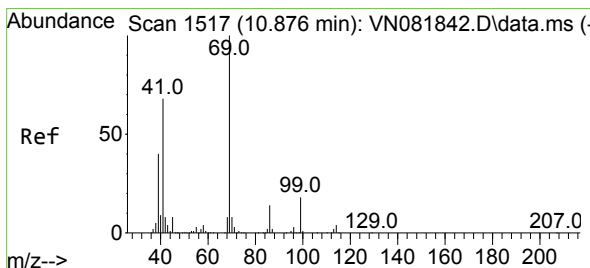
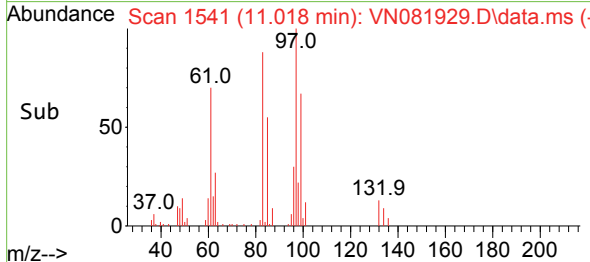
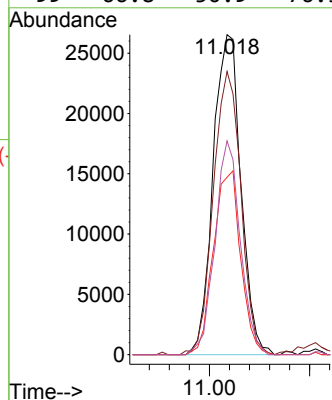


#55  
1,1,2-Trichloroethane  
Concen: 17.226 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :

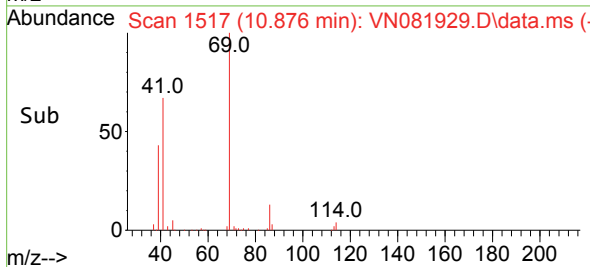
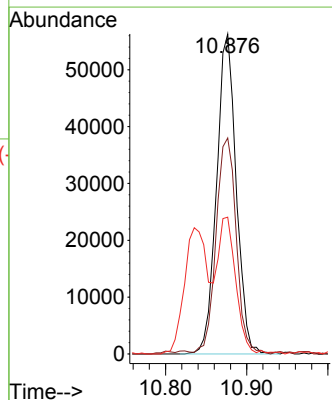
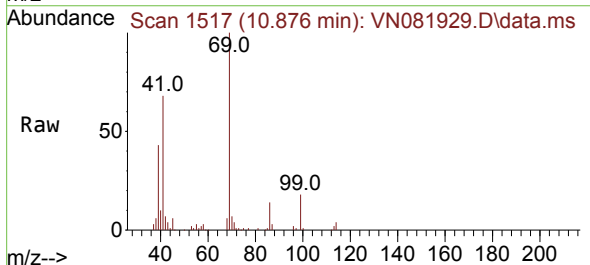


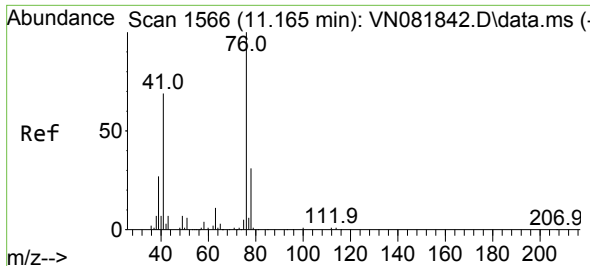
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 50971 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.5  | 70.4  | 105.6 |
| 85       | 55.4  | 45.6  | 68.4  |
| 99       | 66.8  | 50.9  | 76.3  |



#56  
Ethyl methacrylate  
Concen: 16.800 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 94658 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 69.5  | 46.6  | 70.0  |
| 39       | 38.6  | 26.5  | 39.7  |





#57

1,3-Dichloropropane

Concen: 17.953 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

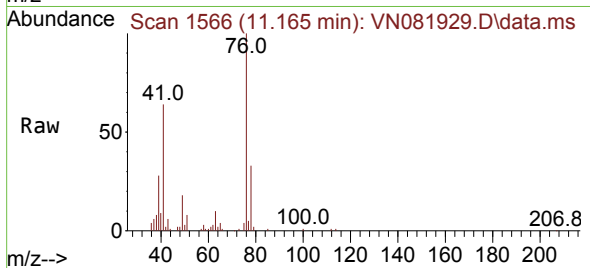
Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

Instrument :

MSVOA\_N

ClientSampleId :

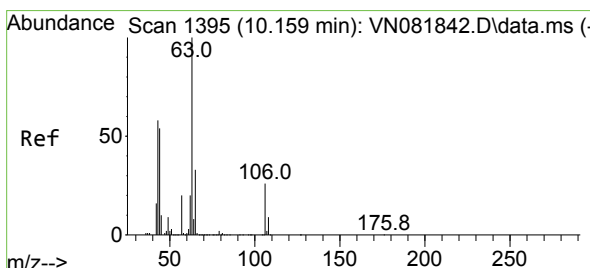
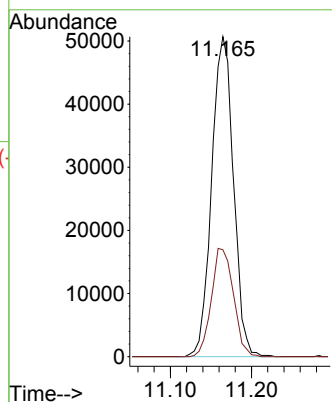
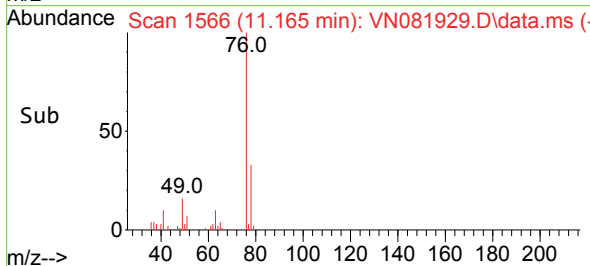


Tgt Ion: 76 Resp: 94445

Ion Ratio Lower Upper

76 100

78 34.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 84.048 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081929.D

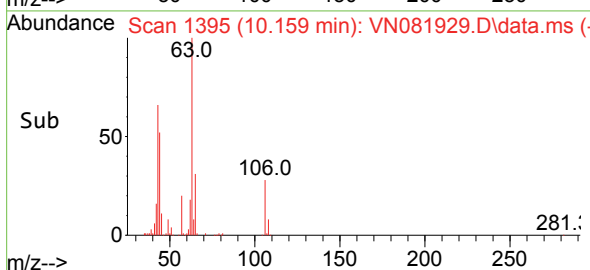
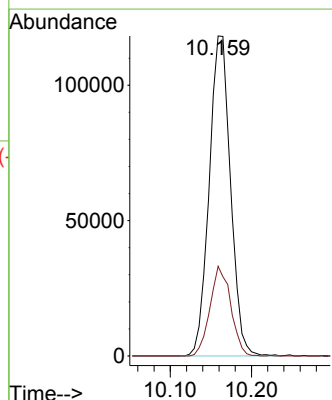
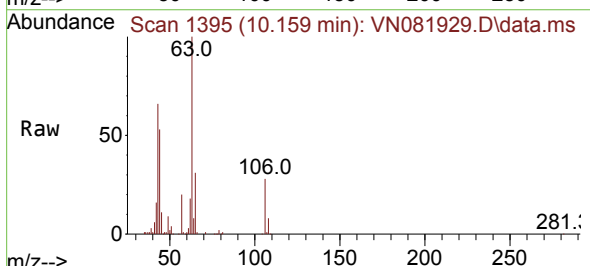
Acq: 30 Apr 2024 14:19

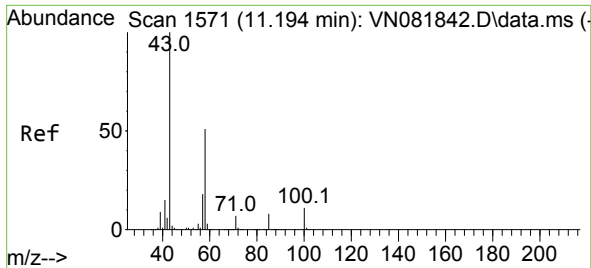
Tgt Ion: 63 Resp: 215736

Ion Ratio Lower Upper

63 100

106 27.3 24.6 36.8

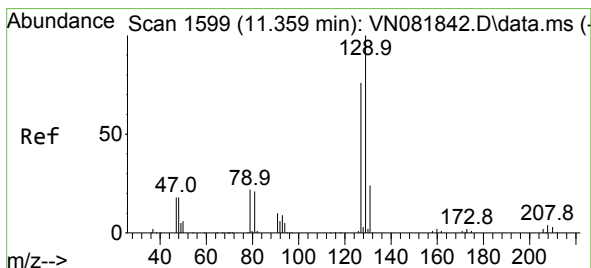
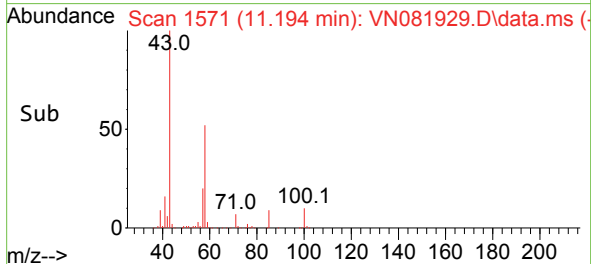
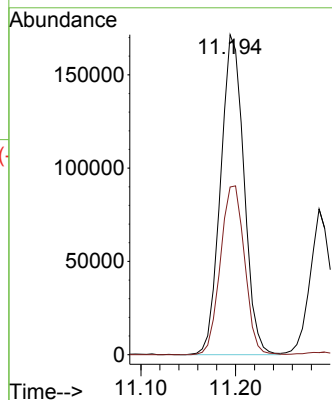
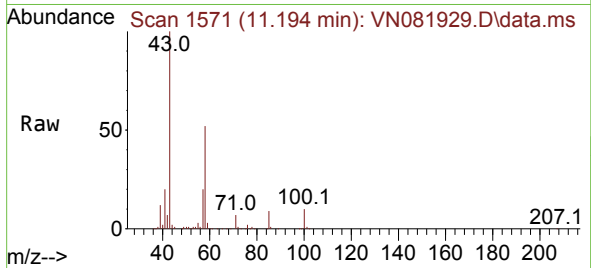




#59  
2-Hexanone  
Concen: 82.433 ug/l  
RT: 11.194 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

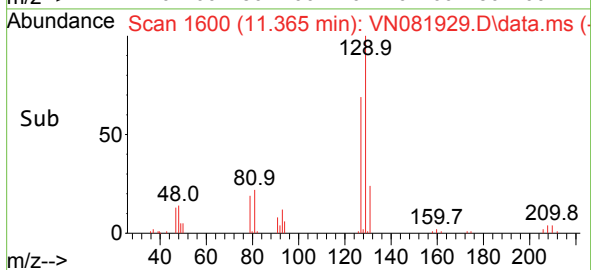
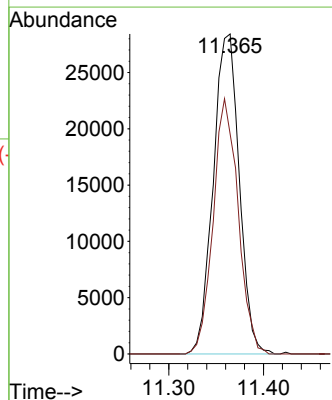
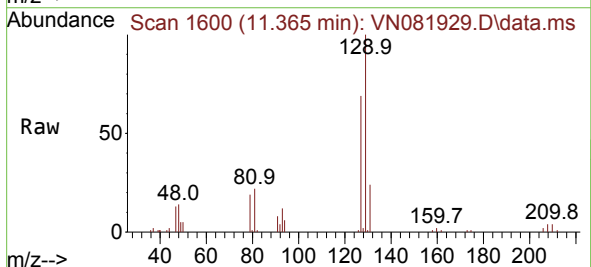
Instrument :  
MSVOA\_N  
ClientSampleId :

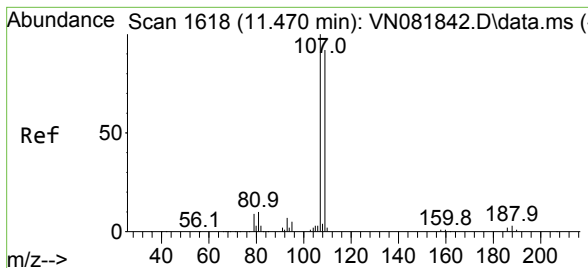
Tgt Ion: 43 Resp: 293838  
Ion Ratio Lower Upper  
43 100  
58 54.6 28.3 84.9



#60  
Dibromochloromethane  
Concen: 17.341 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 129 Resp: 54349  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.3 114.8

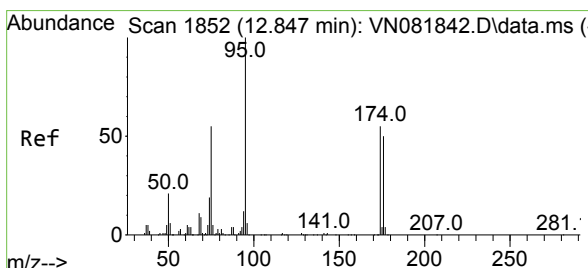
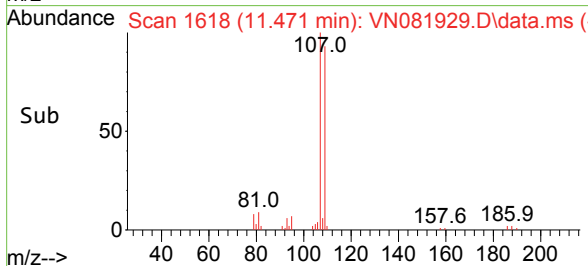
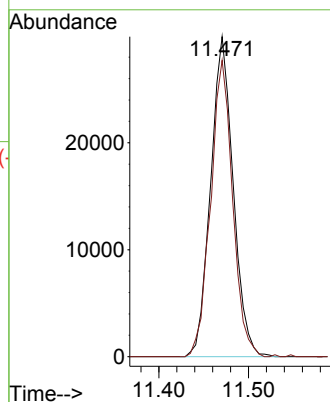
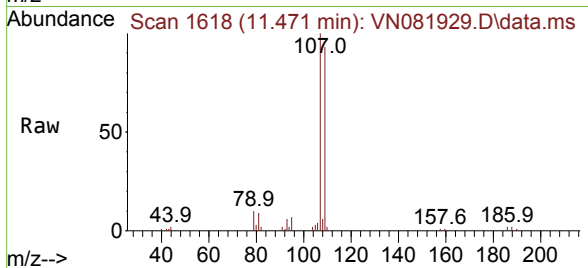




#61  
1,2-Dibromoethane  
Concen: 18.455 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

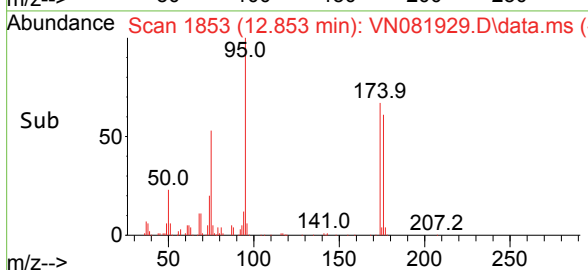
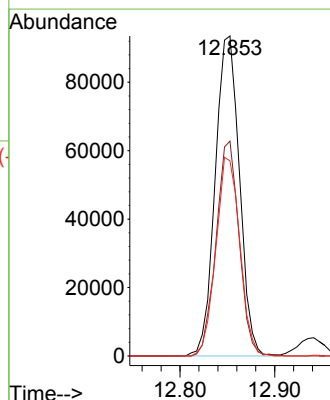
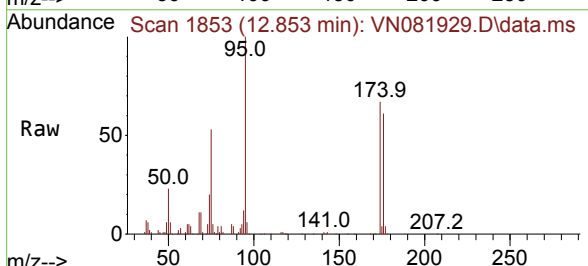
Instrument :  
MSVOA\_N  
ClientSampleId :

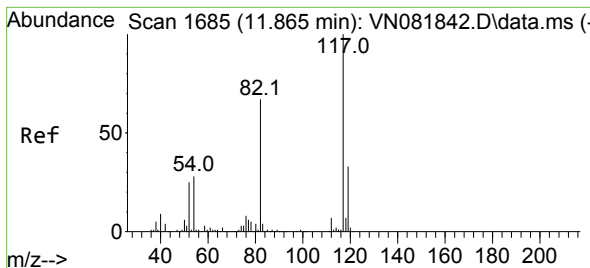
Tgt Ion:107 Resp: 52222  
Ion Ratio Lower Upper  
107 100  
109 90.5 75.8 113.6



#62  
4-Bromofluorobenzene  
Concen: 41.689 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 95 Resp: 166504  
Ion Ratio Lower Upper  
95 100  
174 63.7 0.0 160.6  
176 61.3 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

Instrument :

MSVOA\_N

ClientSampleId :

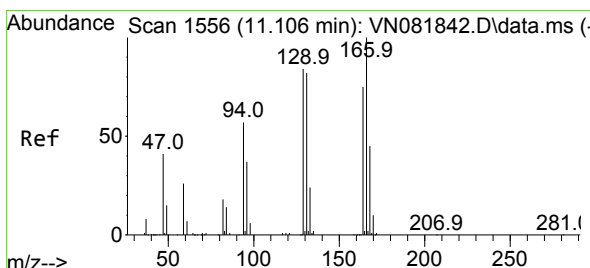
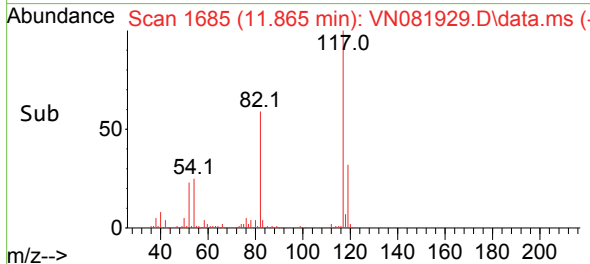
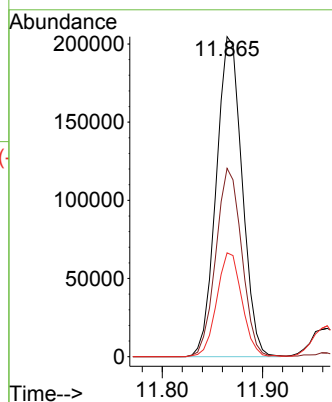
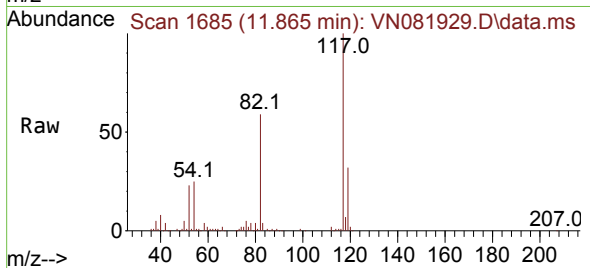
Tgt Ion:117 Resp: 366075

Ion Ratio Lower Upper

117 100

82 58.9 44.6 66.8

119 32.5 25.9 38.9



#64

Tetrachloroethene

Concen: 16.398 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

Tgt Ion:164 Resp: 43599

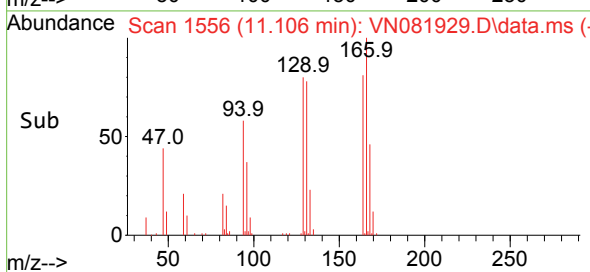
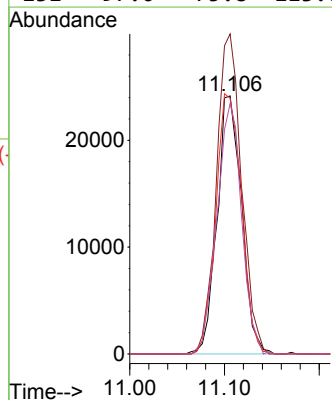
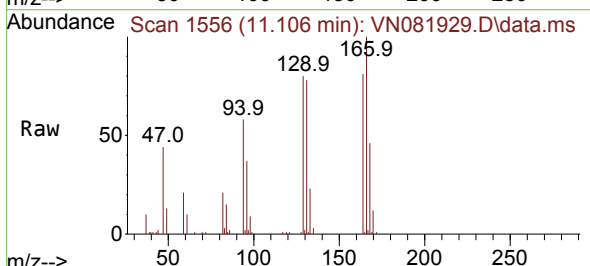
Ion Ratio Lower Upper

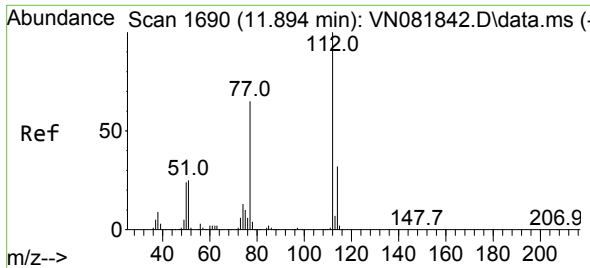
164 100

166 124.0 97.6 146.4

129 99.1 73.7 110.5

131 97.0 75.8 113.6

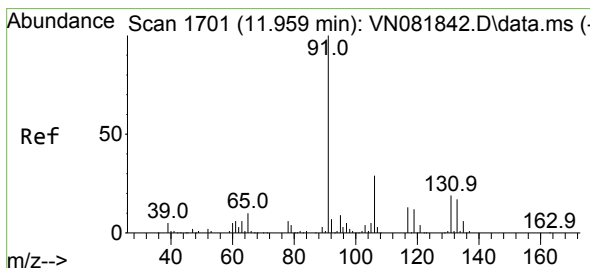
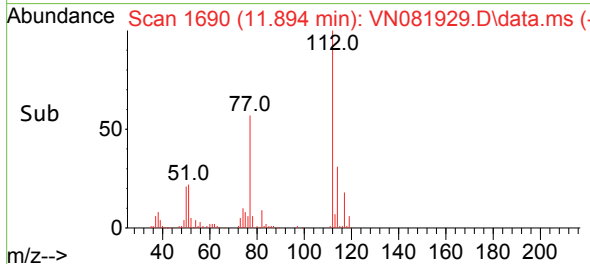
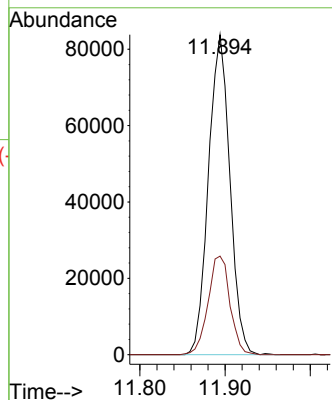
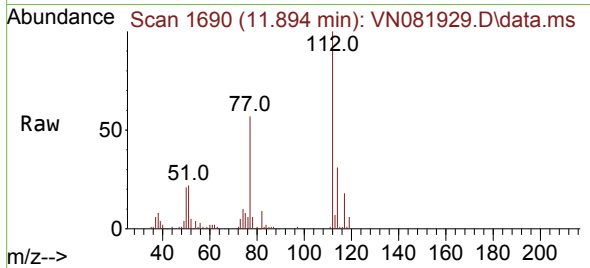




#65  
Chlorobenzene  
Concen: 18.289 ug/l  
RT: 11.894 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

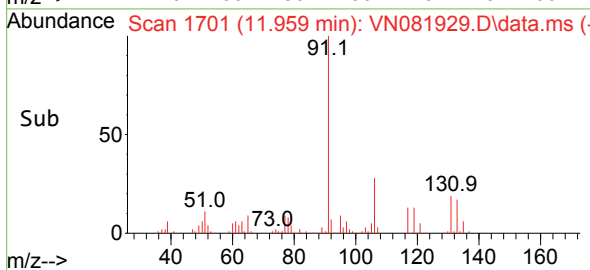
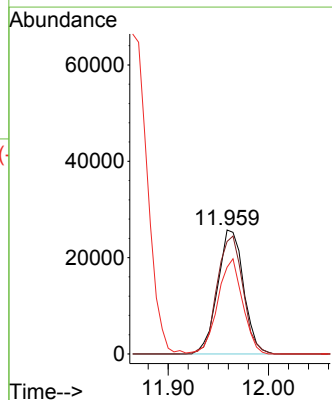
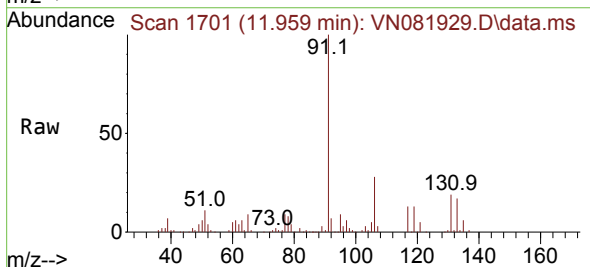
Instrument :  
MSVOA\_N  
ClientSampleId :

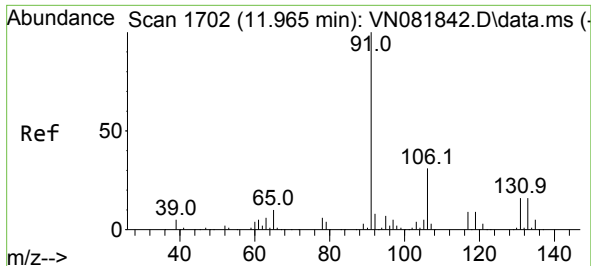
Tgt Ion:112 Resp: 146210  
Ion Ratio Lower Upper  
112 100  
114 30.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.814 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion:131 Resp: 46284  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.5 142.6  
119 73.4 32.9 98.7

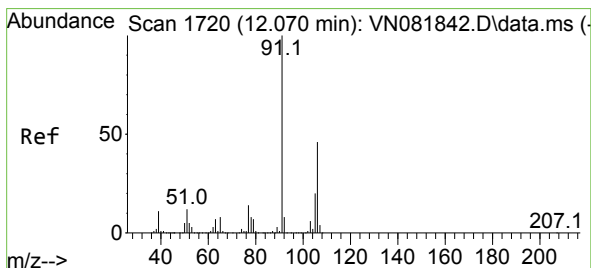
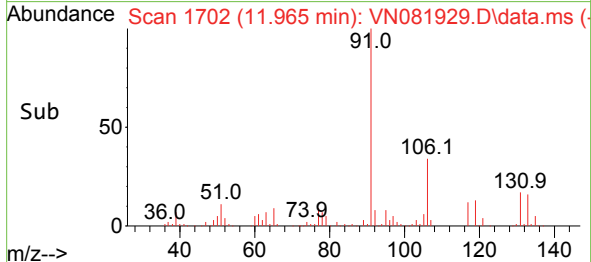
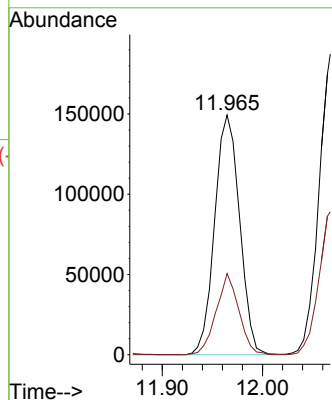
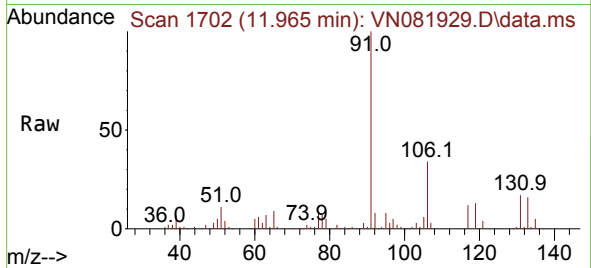




#67  
Ethyl Benzene  
Concen: 17.358 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

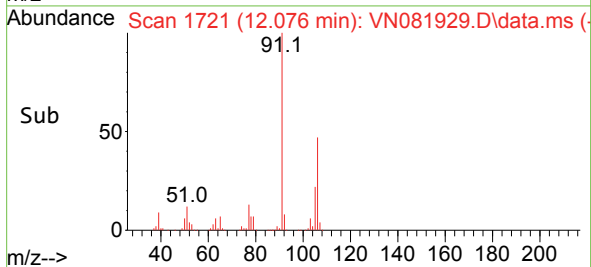
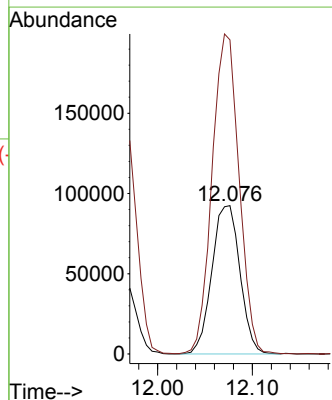
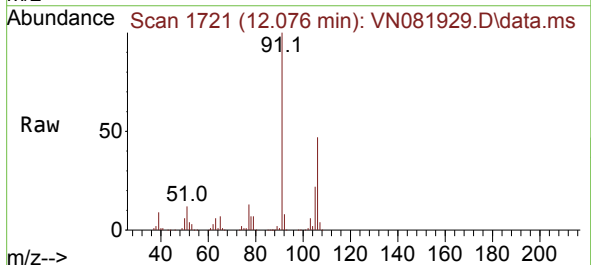
Instrument :  
MSVOA\_N  
ClientSampleId :

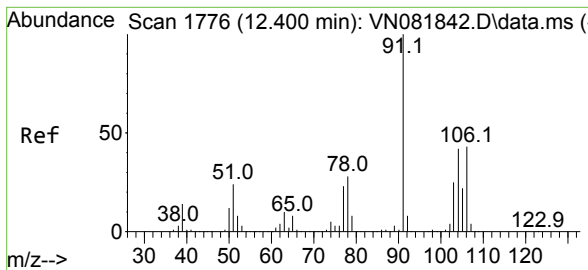
Tgt Ion: 91 Resp: 258073  
Ion Ratio Lower Upper  
91 100  
106 33.9 25.3 37.9



#68  
m/p-Xylenes  
Concen: 35.878 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion:106 Resp: 190262  
Ion Ratio Lower Upper  
106 100  
91 207.7 159.4 239.0

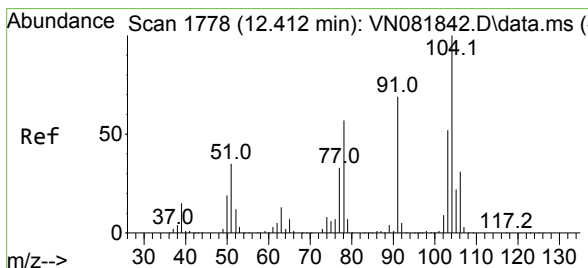
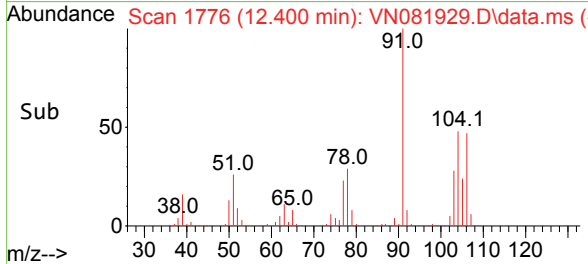
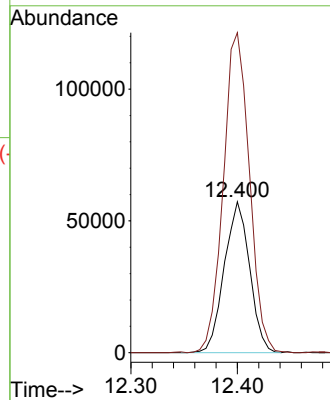
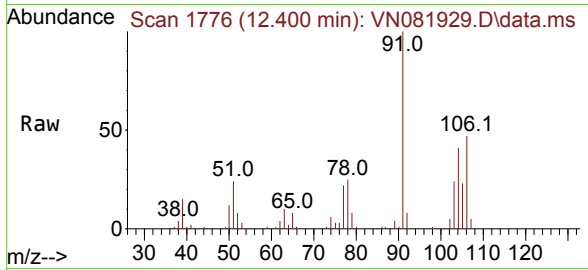




#69  
o-Xylene  
Concen: 18.301 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

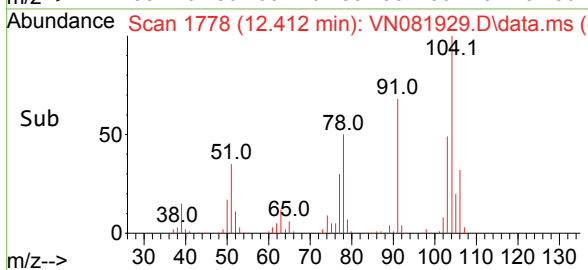
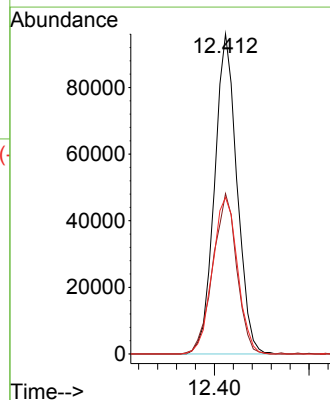
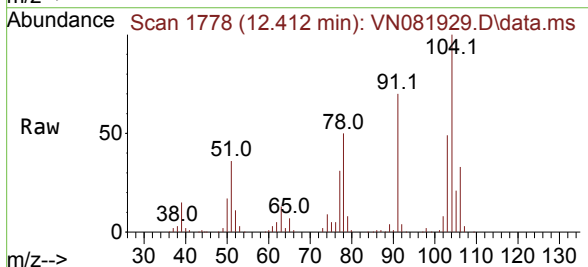
Instrument :  
MSVOA\_N  
ClientSampleId :

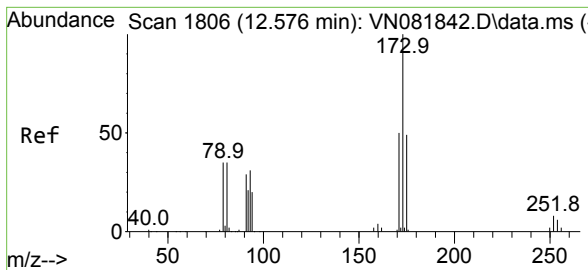
Tgt Ion:106 Resp: 94749  
Ion Ratio Lower Upper  
106 100  
91 218.1 104.7 314.1



#70  
Styrene  
Concen: 17.635 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion:104 Resp: 157942  
Ion Ratio Lower Upper  
104 100  
78 53.5 38.6 58.0  
103 54.8 43.8 65.6

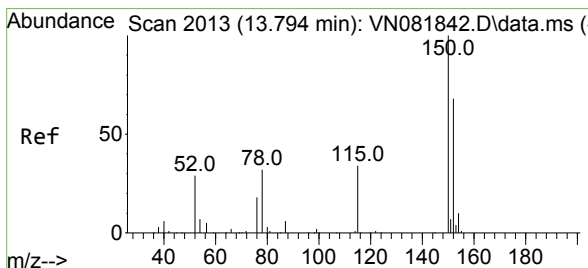
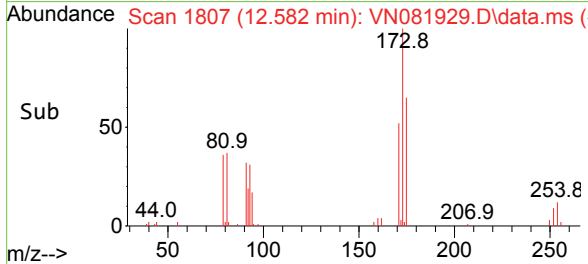
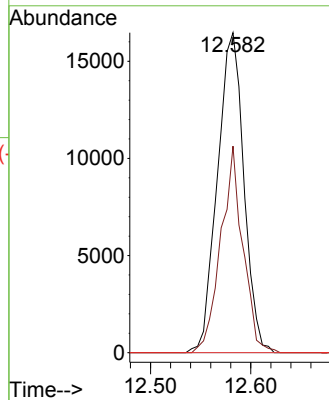
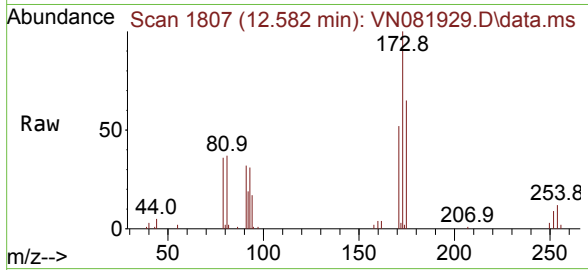




#71  
Bromoform  
Concen: 14.773 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

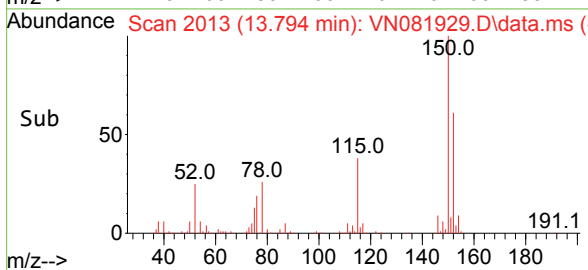
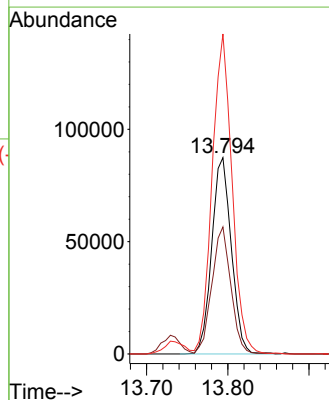
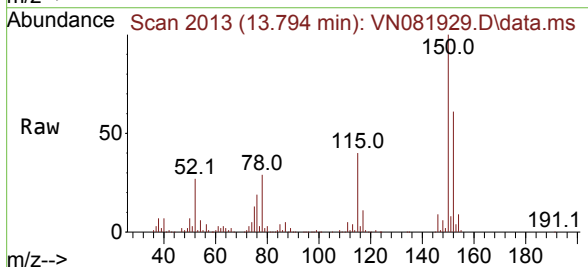
Instrument :  
MSVOA\_N  
ClientSampleId :

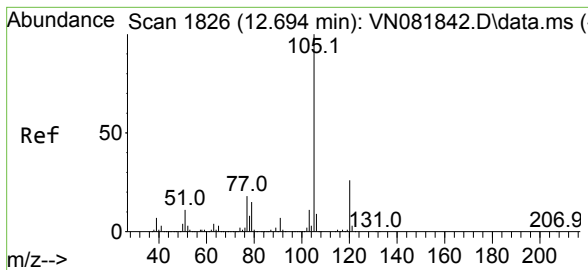
Tgt Ion:173 Resp: 30174  
Ion Ratio Lower Upper  
173 100  
175 54.1 24.6 74.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

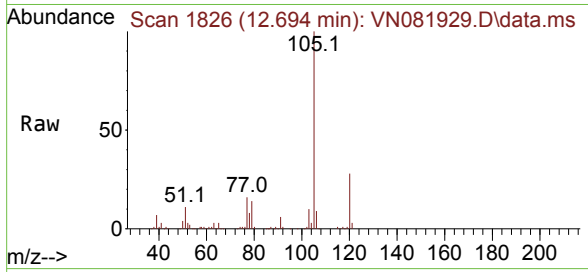
Tgt Ion:152 Resp: 146411  
Ion Ratio Lower Upper  
152 100  
115 62.9 30.4 91.3  
150 165.0 0.0 353.2



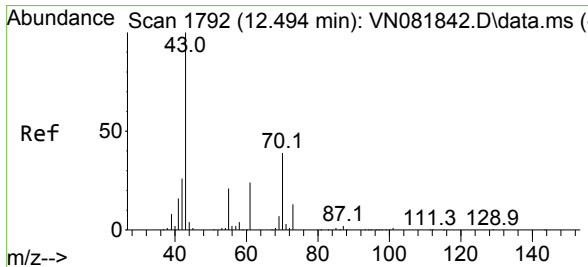
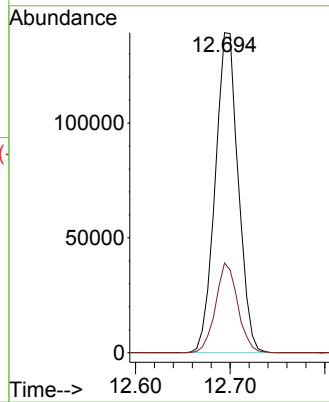
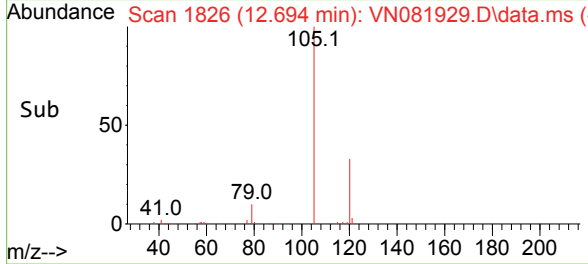


#73  
Isopropylbenzene  
Concen: 18.066 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

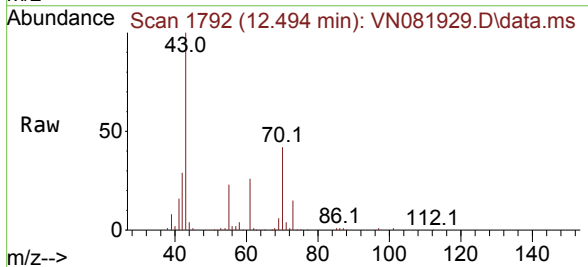
Instrument :  
MSVOA\_N  
ClientSampleId :



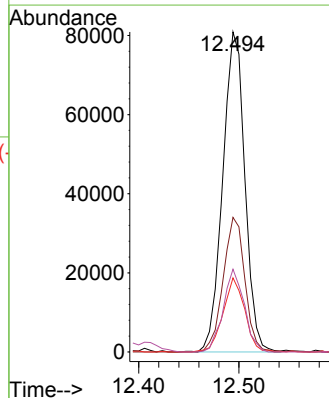
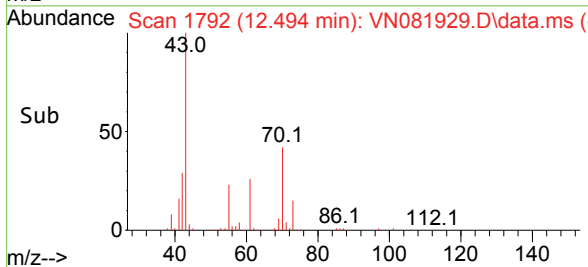
Tgt Ion:105 Resp: 235171  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.1

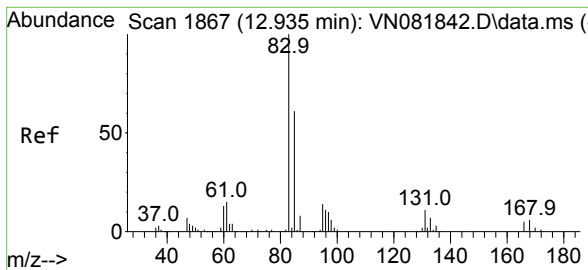


#74  
N-ethyl acetate  
Concen: 17.129 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19



Tgt Ion: 43 Resp: 124139  
Ion Ratio Lower Upper  
43 100  
70 41.1 39.0 58.4  
55 22.7 21.3 31.9  
61 24.7 20.5 30.7

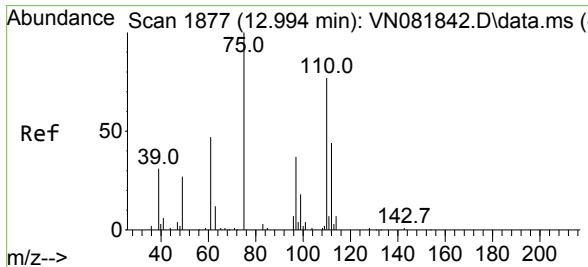
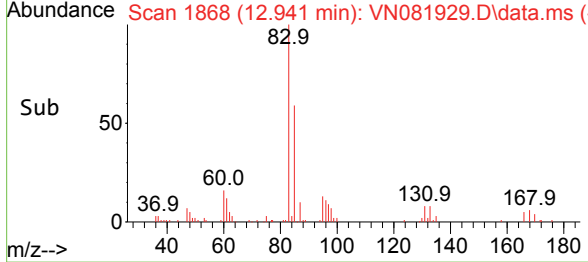
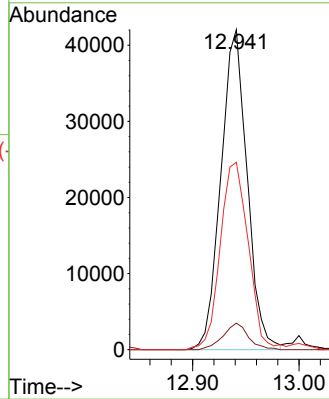
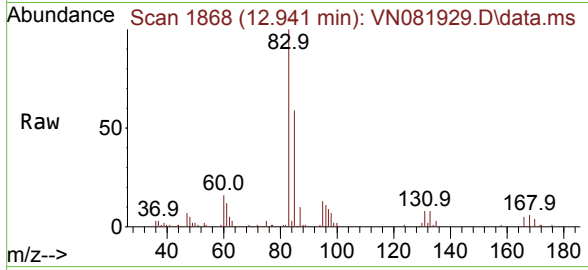




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.404 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. 0.006 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

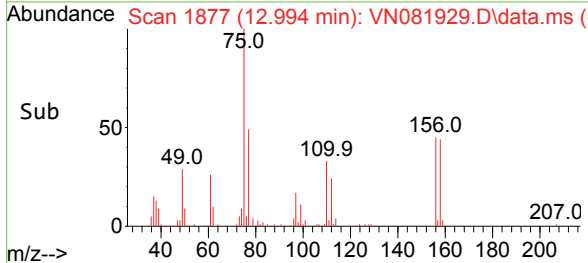
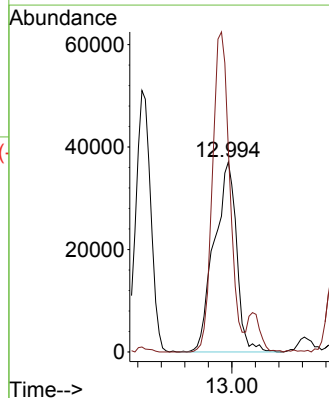
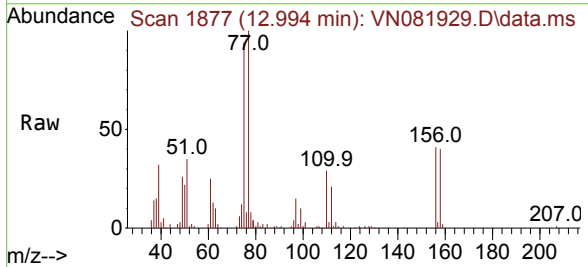
Instrument :  
 MSVOA\_N  
 ClientSampleId :

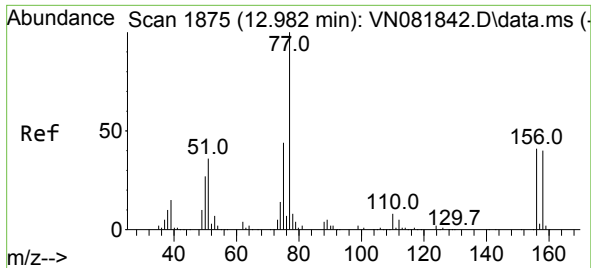
Tgt Ion: 83 Resp: 71943  
 Ion Ratio Lower Upper  
 83 100  
 131 8.0 5.5 16.4  
 85 62.6 32.9 98.6



#76  
 1,2,3-Trichloropropane  
 Concen: 25.845 ug/l  
 RT: 12.994 min Scan# 1877  
 Delta R.T. 0.000 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

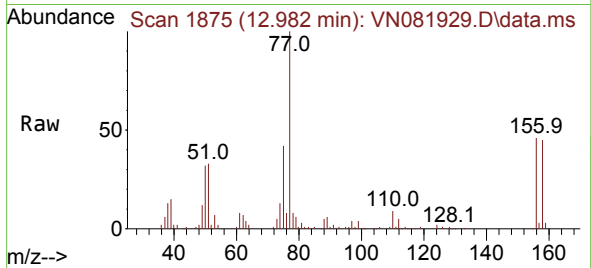
Tgt Ion: 75 Resp: 98112  
 Ion Ratio Lower Upper  
 75 100  
 77 128.8 90.5 271.3



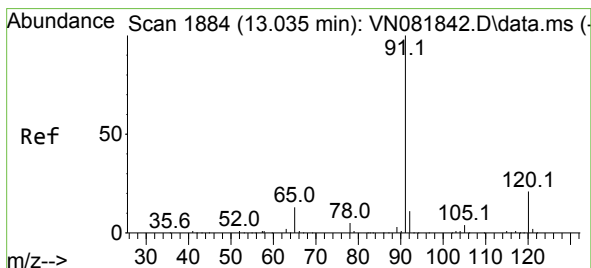
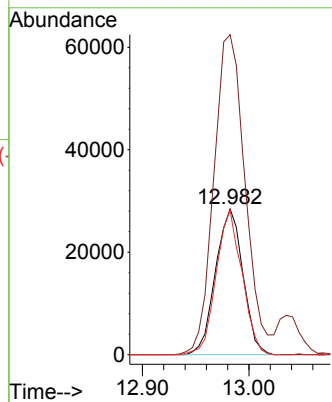
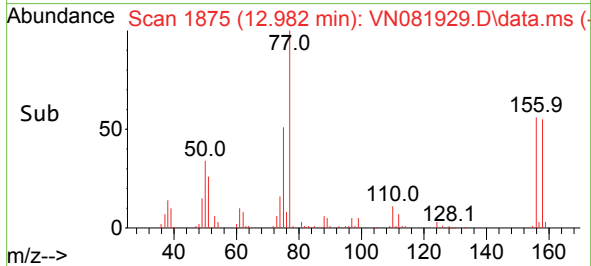


#77  
Bromobenzene  
Concen: 18.634 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :

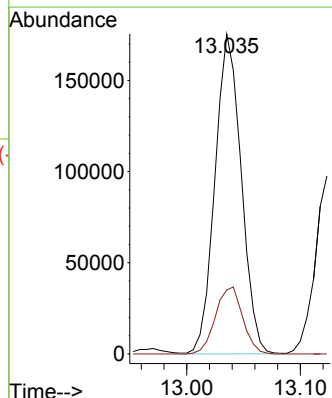
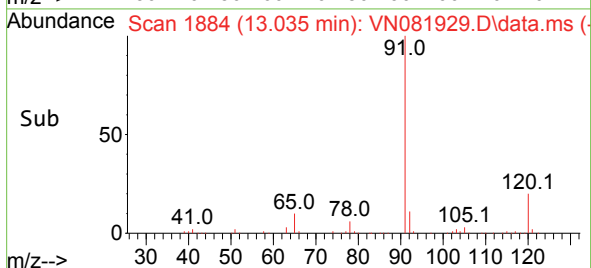
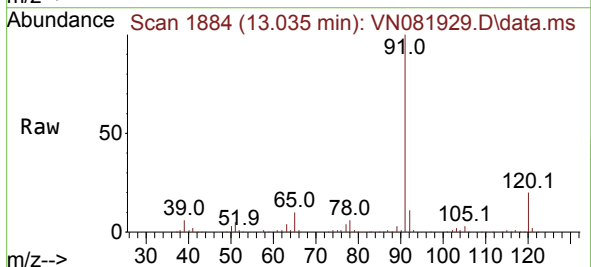


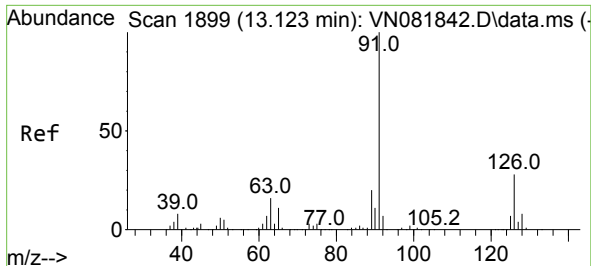
Tgt Ion:156 Resp: 50759  
Ion Ratio Lower Upper  
156 100  
77 249.0 100.2 300.6  
158 93.7 49.1 147.3



#78  
n-propylbenzene  
Concen: 17.791 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

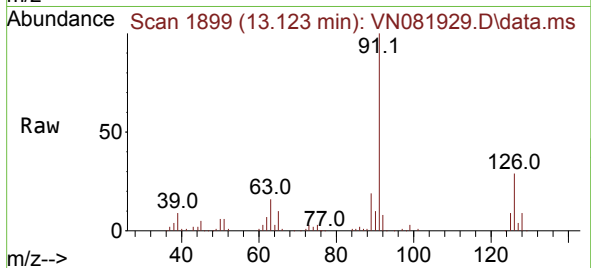
Tgt Ion: 91 Resp: 281315  
Ion Ratio Lower Upper  
91 100  
120 21.7 11.7 35.0



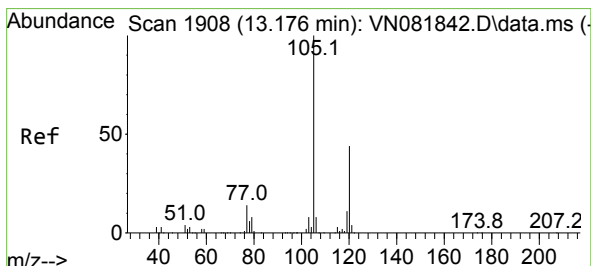
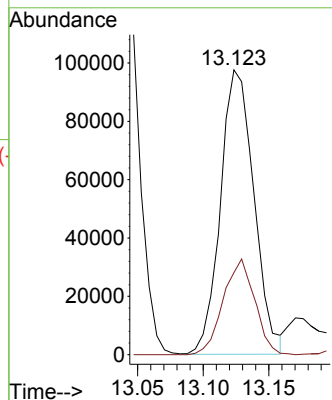
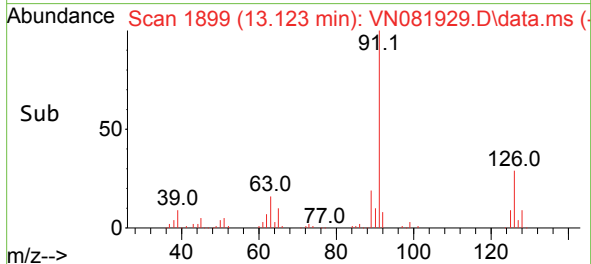


#79  
2-Chlorotoluene  
Concen: 17.237 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :

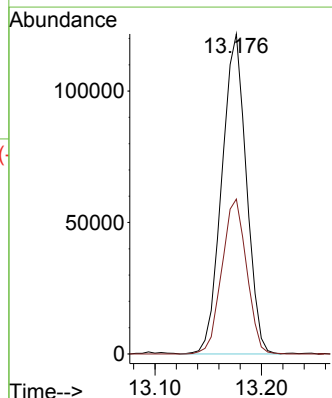
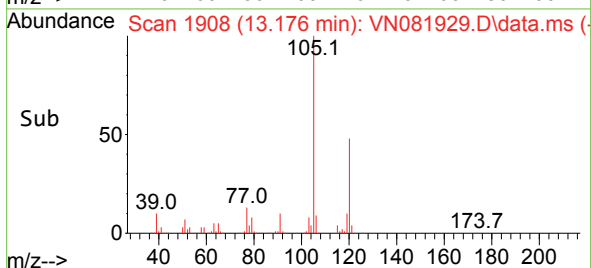
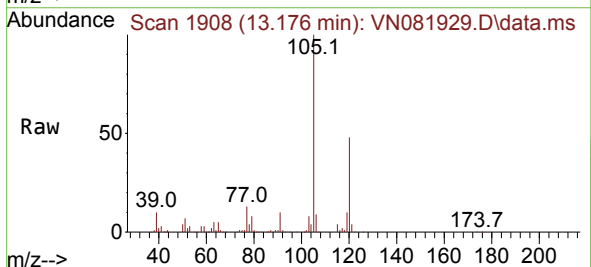


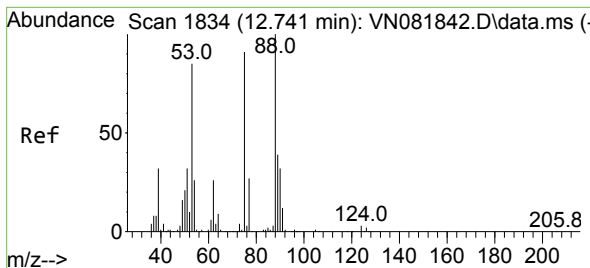
Tgt Ion: 91 Resp: 173402  
Ion Ratio Lower Upper  
91 100  
126 31.6 17.5 52.5



#80  
1,3,5-Trimethylbenzene  
Concen: 17.648 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

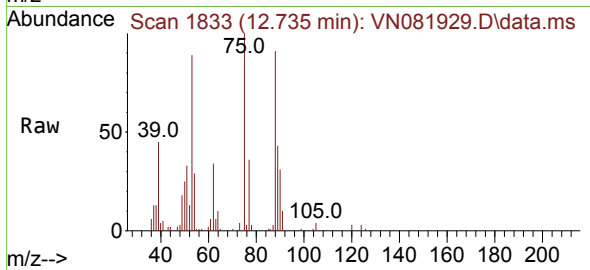
Tgt Ion: 105 Resp: 194401  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.8 74.3



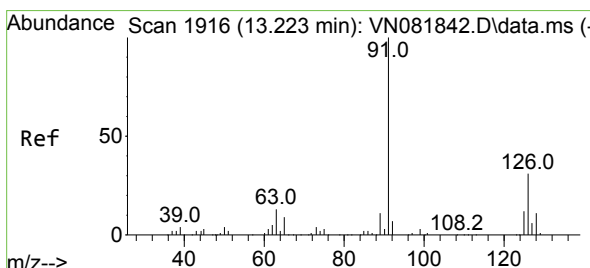
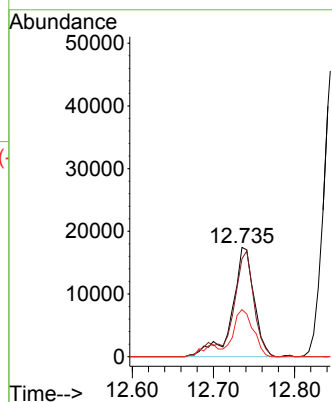
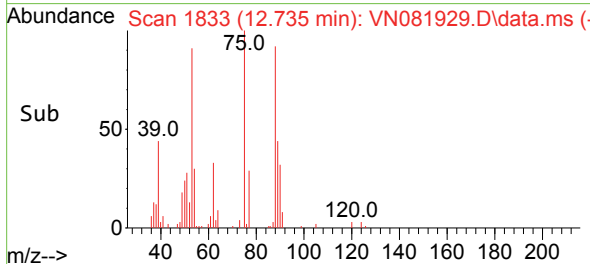


#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.449 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :

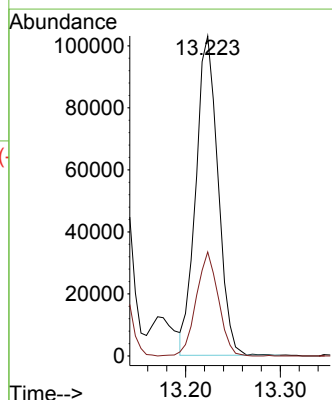
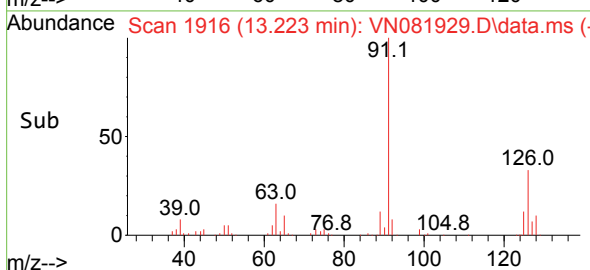
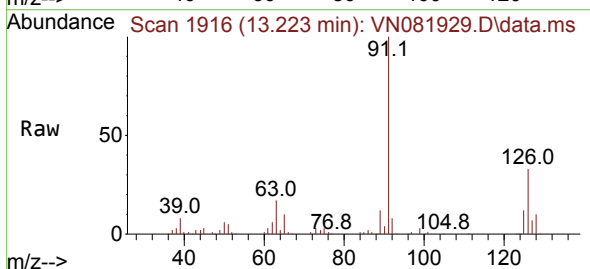


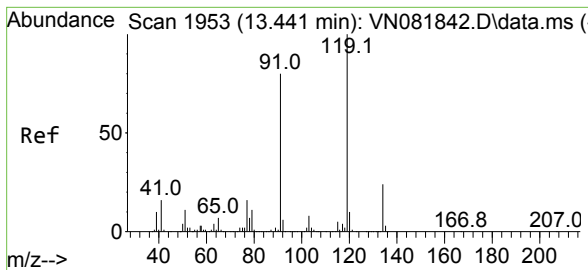
Tgt Ion: 75 Resp: 32326  
Ion Ratio Lower Upper  
75 100  
53 82.4 72.9 109.3  
89 39.0 39.1 58.7#



#82  
4-Chlorotoluene  
Concen: 17.085 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

Tgt Ion: 91 Resp: 166865  
Ion Ratio Lower Upper  
91 100  
126 32.6 17.4 52.3

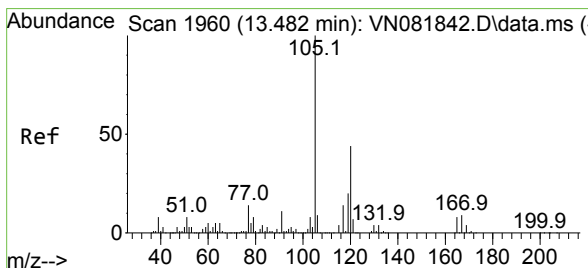
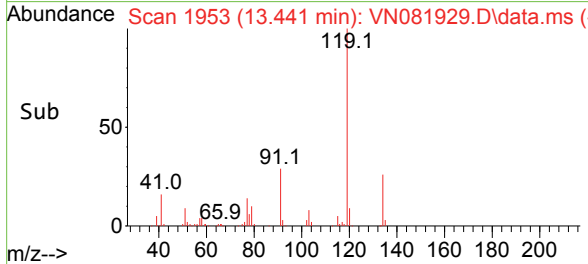
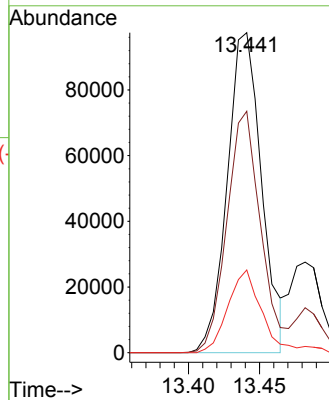
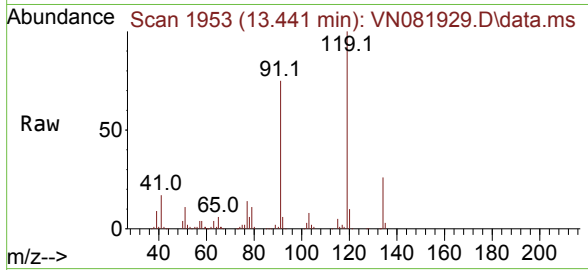




#83  
 tert-Butylbenzene  
 Concen: 17.893 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. 0.000 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

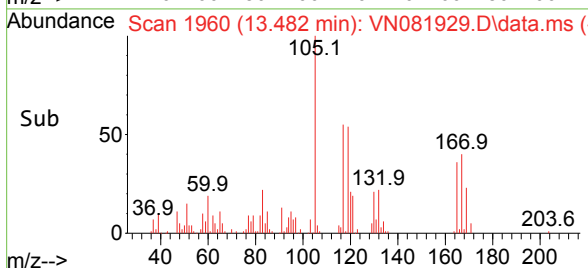
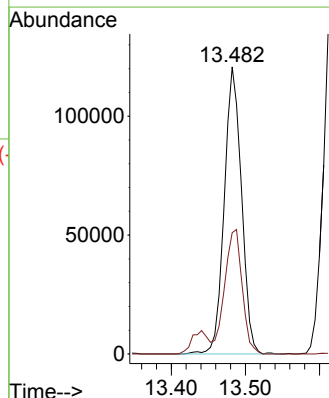
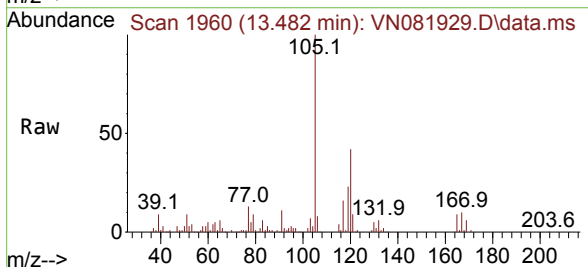
Instrument :  
 MSVOA\_N  
 ClientSampleId :

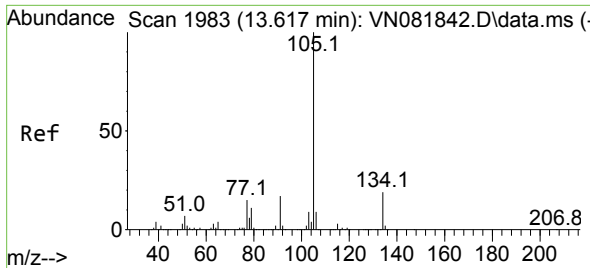
Tgt Ion:119 Resp: 164136  
 Ion Ratio Lower Upper  
 119 100  
 91 74.5 32.6 97.8  
 134 26.2 12.4 37.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 17.709 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.000 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

Tgt Ion:105 Resp: 194806  
 Ion Ratio Lower Upper  
 105 100  
 120 44.4 22.9 68.7

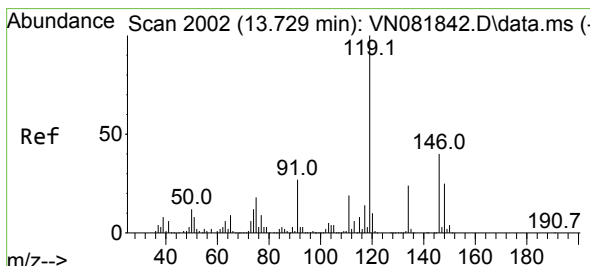
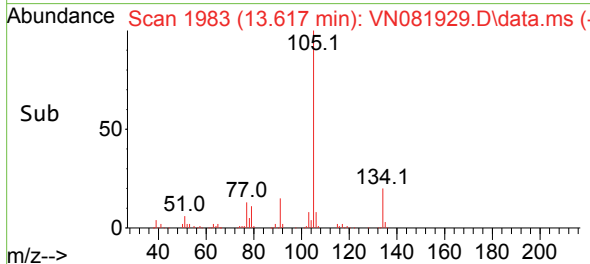
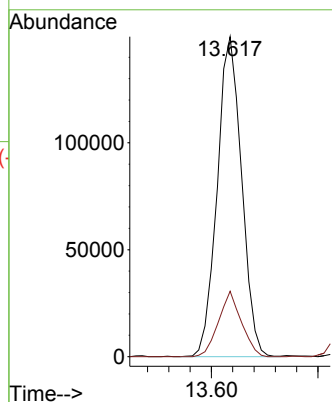
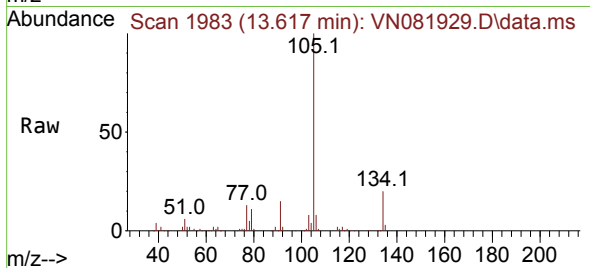




#85  
 sec-Butylbenzene  
 Concen: 18.404 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

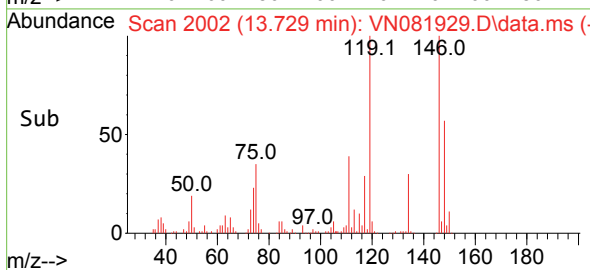
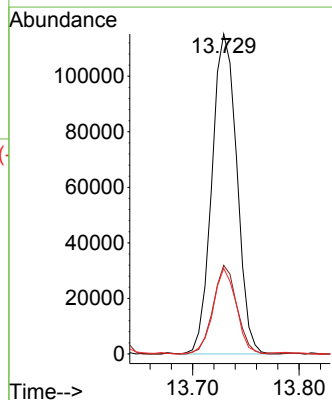
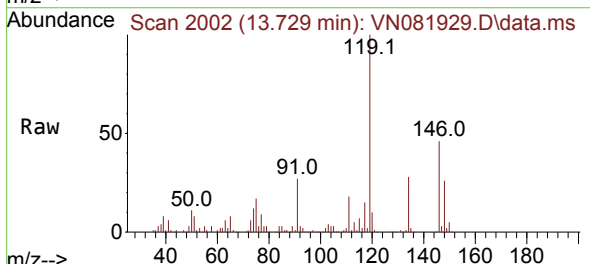
Instrument :  
 MSVOA\_N  
 ClientSampleId :

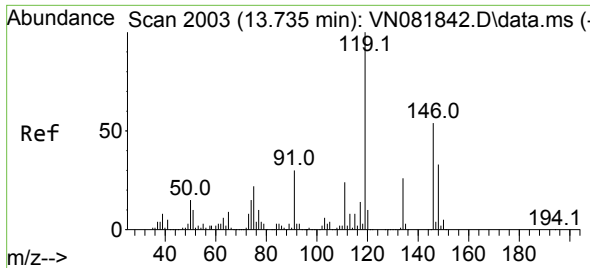
Tgt Ion:105 Resp: 237806  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 18.090 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

Tgt Ion:119 Resp: 187690  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.2 39.5  
 91 24.9 11.8 35.3

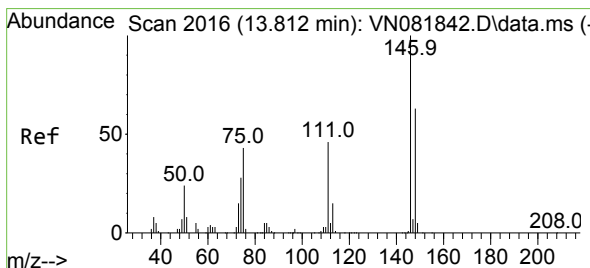
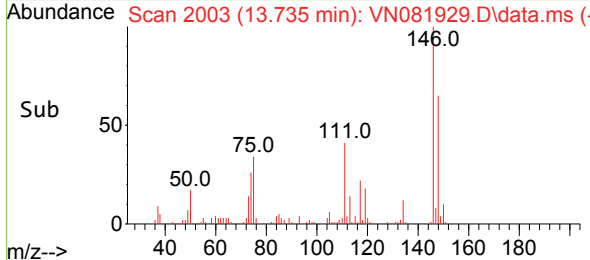
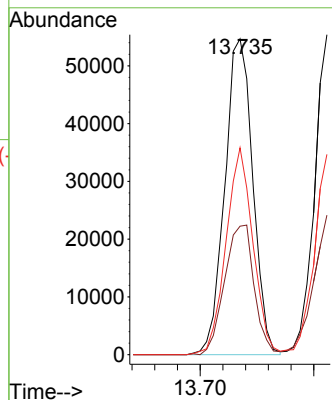
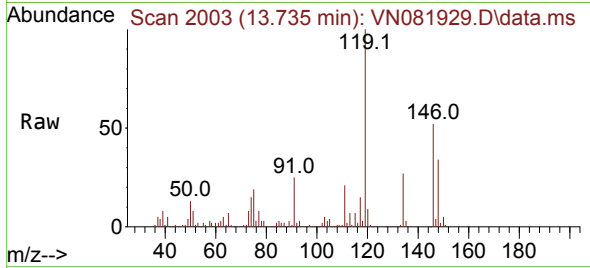




#87  
 1,3-Dichlorobenzene  
 Concen: 18.428 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

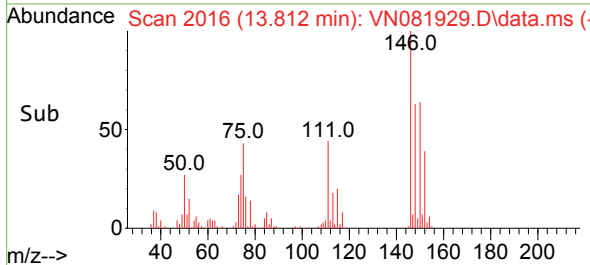
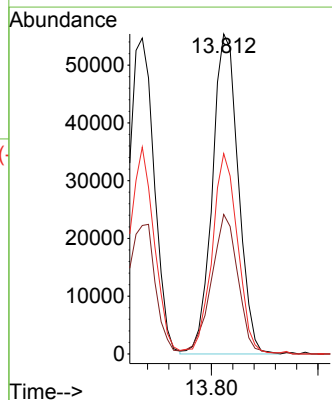
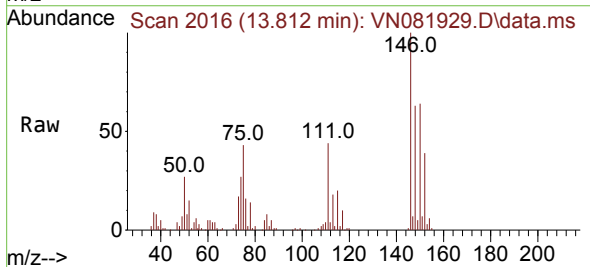
Instrument :  
 MSVOA\_N  
 ClientSampleId :

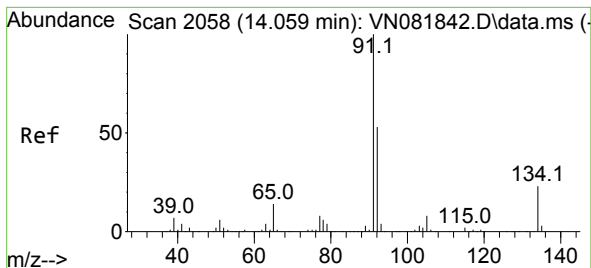
Tgt Ion:146 Resp: 93663  
 Ion Ratio Lower Upper  
 146 100  
 111 43.4 20.8 62.5  
 148 62.9 32.1 96.3



#88  
 1,4-Dichlorobenzene  
 Concen: 18.699 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN081929.D  
 Acq: 30 Apr 2024 14:19

Tgt Ion:146 Resp: 93592  
 Ion Ratio Lower Upper  
 146 100  
 111 44.9 19.3 57.9  
 148 60.8 31.3 93.9





#89

n-Butylbenzene

Concen: 17.804 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

Instrument :

MSVOA\_N

ClientSampleId :

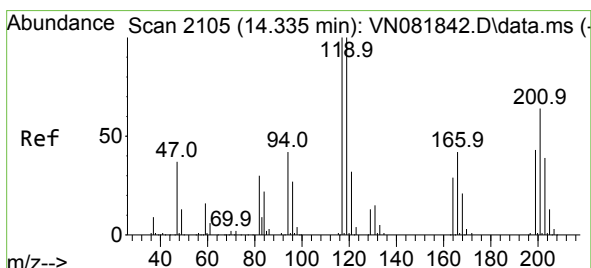
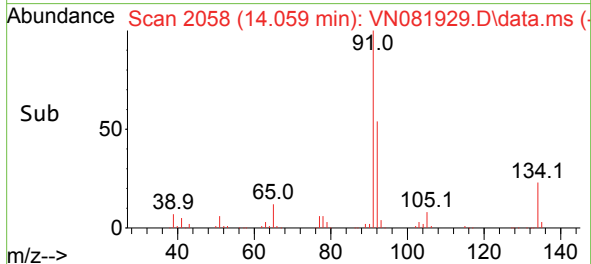
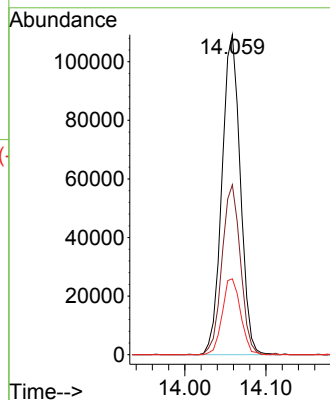
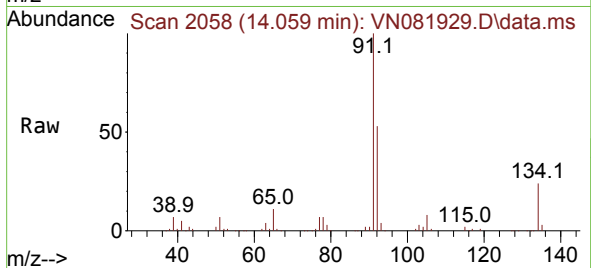
Tgt Ion: 91 Resp: 171932

Ion Ratio Lower Upper

91 100

92 53.3 26.2 78.5

134 23.7 13.2 39.5



#90

Hexachloroethane

Concen: 17.646 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081929.D

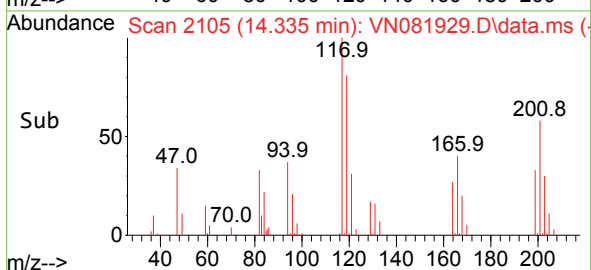
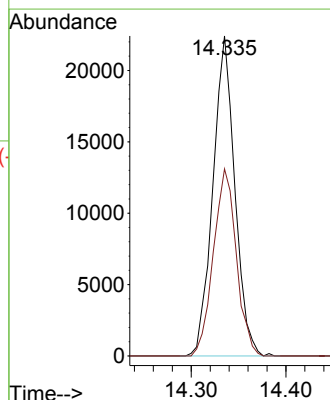
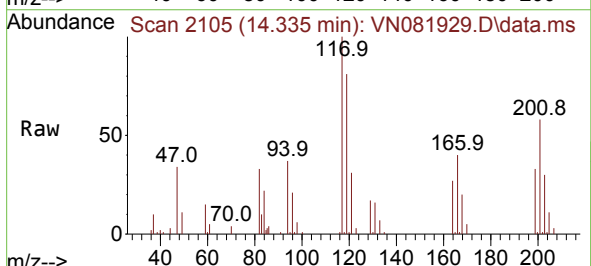
Acq: 30 Apr 2024 14:19

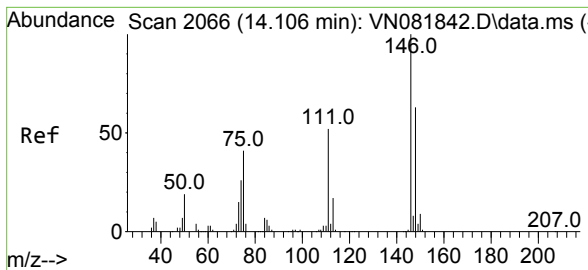
Tgt Ion: 117 Resp: 36014

Ion Ratio Lower Upper

117 100

201 61.2 33.3 99.8

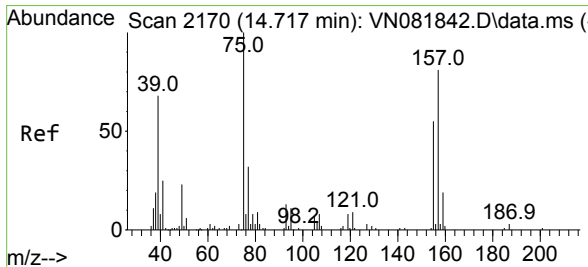
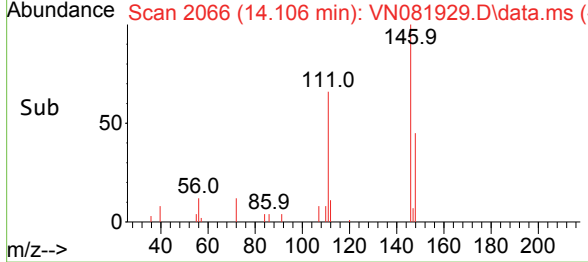
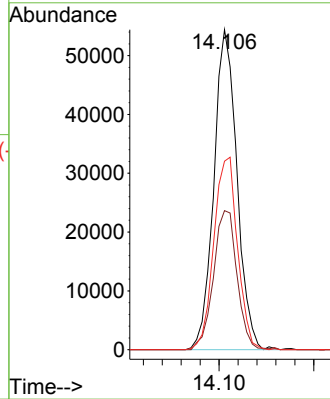
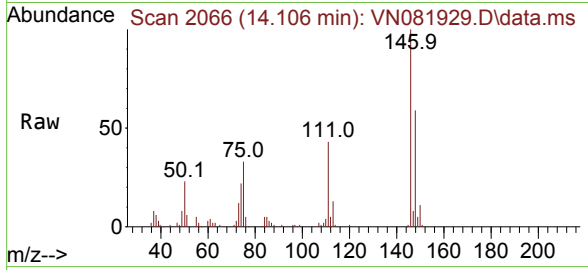




#91  
1,2-Dichlorobenzene  
Concen: 18.897 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

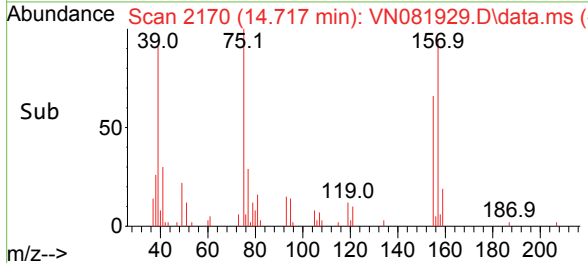
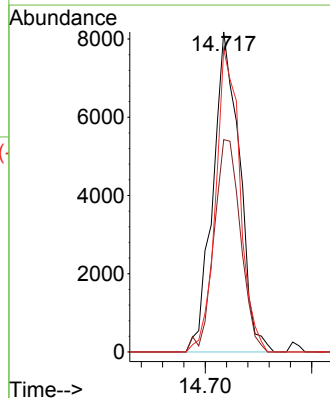
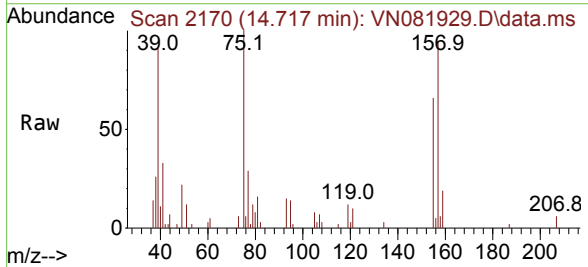
Instrument :  
MSVOA\_N  
ClientSampleId :

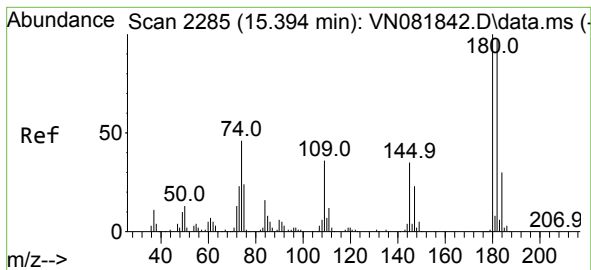
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.5  | 21.3  | 64.0  |
| 148     | 61.8  | 31.8  | 95.4  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 14.966 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VN081929.D  
Acq: 30 Apr 2024 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 66.3  | 42.6  | 128.0 |
| 157     | 85.9  | 53.0  | 159.0 |





#93

1,2,4-Trichlorobenzene

Concen: 17.055 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

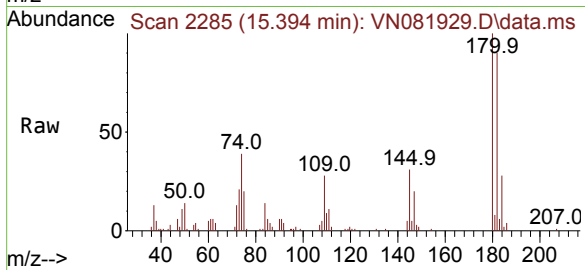
Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

Instrument :

MSVOA\_N

ClientSampleId :



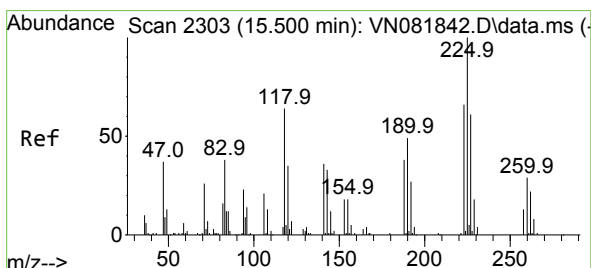
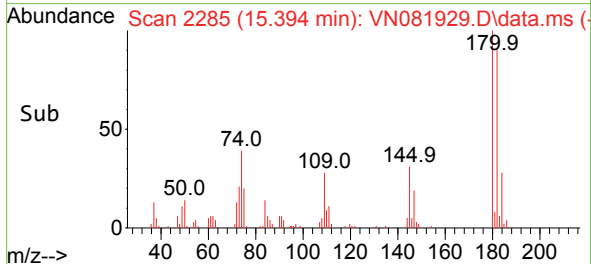
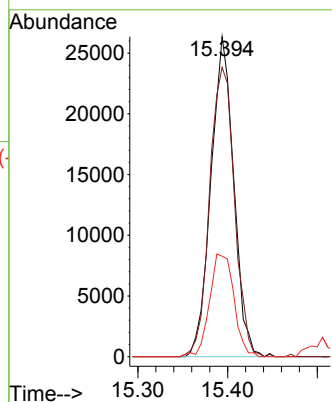
Tgt Ion:180 Resp: 46491

Ion Ratio Lower Upper

180 100

182 98.2 46.7 140.0

145 34.2 16.2 48.6



#94

Hexachlorobutadiene

Concen: 16.486 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

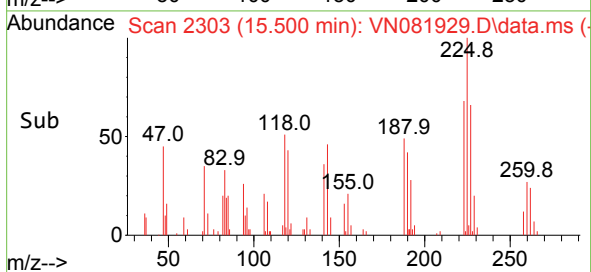
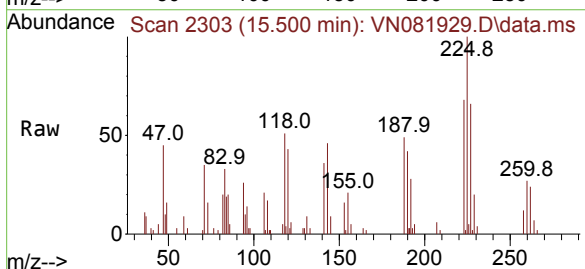
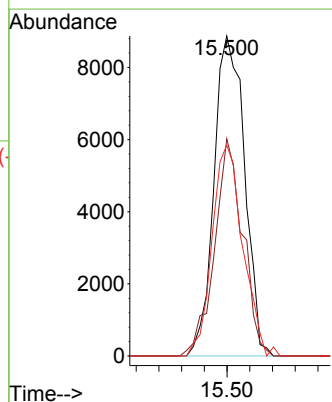
Tgt Ion:225 Resp: 16564

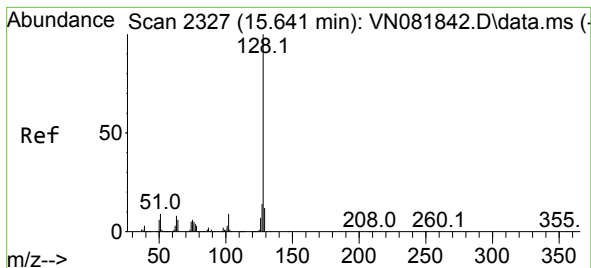
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.2

227 66.2 30.6 91.6





#95

Naphthalene

Concen: 17.387 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

Instrument :

MSVOA\_N

ClientSampleId :

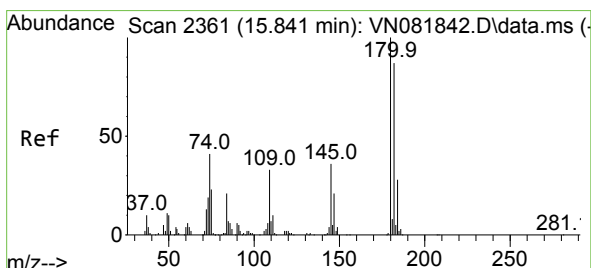
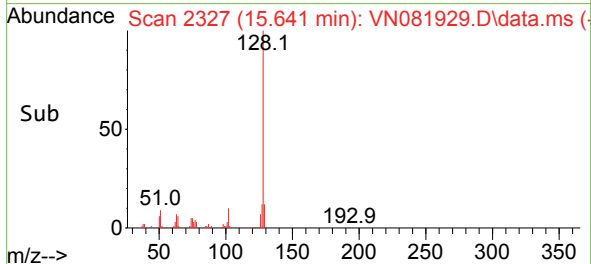
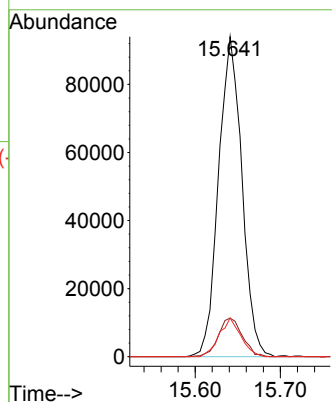
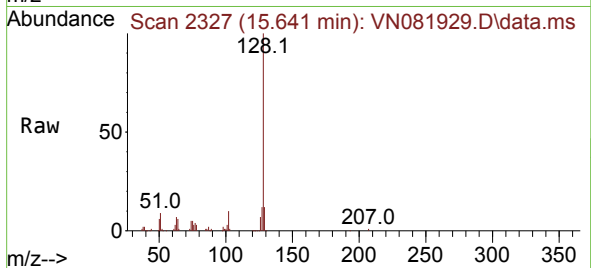
Tgt Ion:128 Resp: 179099

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 17.759 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081929.D

Acq: 30 Apr 2024 14:19

Tgt Ion:180 Resp: 46480

Ion Ratio Lower Upper

180 100

182 99.7 46.0 137.8

145 33.9 17.1 51.3

