

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091123\  
 Data File : VN079230.D  
 Acq On : 11 Sep 2023 20:42  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 12 05:23:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 12 05:05:24 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 161742   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 276269   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 248167   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 110264   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 109920   | 50.344   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.680% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 91212    | 49.634   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 99.260%  |      |
| 50) Toluene-d8              | 10.571 | 98    | 347987   | 51.571   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 103.140% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 118727   | 55.161   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 110.320% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 72399  | 45.239  | ug/l   | 98  |
| 3) Chloromethane             | 2.365 | 50  | 94010  | 44.749  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.512 | 62  | 103604 | 45.260  | ug/l   | 98  |
| 5) Bromomethane              | 2.936 | 94  | 52466  | 39.874  | ug/l   | 99  |
| 6) Chloroethane              | 3.112 | 64  | 64566  | 43.982  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.489 | 101 | 148213 | 44.217  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.965 | 74  | 57048  | 49.034  | ug/l   | 70  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 81081  | 45.484  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.583 | 142 | 90140  | 61.816  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 5.536 | 59  | 91653  | 227.373 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 80595  | 46.720  | ug/l   | 85  |
| 13) Acrolein                 | 4.183 | 56  | 84768  | 220.457 | ug/l   | 99  |
| 14) Allyl chloride           | 5.030 | 41  | 121979 | 44.326  | ug/l   | 94  |
| 15) Acrylonitrile            | 5.724 | 53  | 250310 | 239.482 | ug/l   | 98  |
| 16) Acetone                  | 4.436 | 43  | 191819 | 206.861 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.712 | 76  | 224600 | 41.658  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.030 | 43  | 183669 | 48.194  | ug/l # | 87  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 296065 | 50.043  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.283 | 84  | 98984  | 43.865  | ug/l   | 87  |
| 21) trans-1,2-Dichloroethene | 5.795 | 96  | 93298  | 46.623  | ug/l   | 87  |
| 22) Diisopropyl ether        | 6.677 | 45  | 307913 | 50.997  | ug/l # | 88  |
| 23) Vinyl Acetate            | 6.606 | 43  | 916872 | 246.883 | ug/l # | 90  |
| 24) 1,1-Dichloroethane       | 6.577 | 63  | 179651 | 48.266  | ug/l   | 98  |
| 25) 2-Butanone               | 7.489 | 43  | 323530 | 240.467 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 7.494 | 77  | 129399 | 42.365  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.489 | 96  | 109391 | 47.807  | ug/l   | 91  |
| 28) Bromochloromethane       | 7.818 | 49  | 87962  | 52.269  | ug/l   | 83  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 216319 | 252.651 | ug/l # | 81  |
| 30) Chloroform               | 7.971 | 83  | 184296 | 47.556  | ug/l   | 94  |
| 31) Cyclohexane              | 8.259 | 56  | 146162 | 45.847  | ug/l   | 88  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 159039 | 48.144  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 135955 | 47.997  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.565 | 43  | 132963 | 47.062  | ug/l # | 95  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 138109 | 47.116  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 141780 | 50.743  | ug/l # | 89  |
| 40) Benzene                  | 8.612 | 78  | 413086 | 47.639  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091123\  
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 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 12 05:23:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 12 05:05:24 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 72929    | 51.196   | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 139622   | 46.772   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 218034   | 47.296   | ug/l # | 92       |
| 44) Trichloroethene           | 9.359  | 130  | 101605   | 47.566   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.630  | 63   | 106067   | 49.288   | ug/l   | 97       |
| 46) Dibromomethane            | 9.712  | 93   | 71351    | 48.841   | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.894  | 83   | 142891   | 47.754   | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.688  | 41   | 103253   | 50.004   | ug/l # | 82       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 44001    | 1036.022 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 673403   | 251.641  | ug/l   | 94       |
| 52) Toluene                   | 10.635 | 92   | 260186   | 48.825   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 154314   | 48.910   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 167017   | 49.493   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 100329   | 47.981   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 159745   | 54.120   | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 176481   | 48.824   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 296250   | 239.813  | ug/l   | 92       |
| 59) 2-Hexanone                | 11.200 | 43   | 489542   | 252.571  | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.365 | 129  | 107614   | 48.358   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.477 | 107  | 102124   | 48.940   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 85035    | 46.992   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.894 | 112  | 265946   | 47.305   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 100538   | 47.690   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.971 | 91   | 485571   | 50.495   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.076 | 106  | 368606   | 102.839  | ug/l   | 95       |
| 69) o-Xylene                  | 12.400 | 106  | 180234   | 52.430   | ug/l   | 95       |
| 70) Styrene                   | 12.418 | 104  | 298524   | 53.995   | ug/l   | 98       |
| 71) Bromoform                 | 12.582 | 173  | 76008    | 48.838   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 459316   | 45.785   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 176590   | 46.397   | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 151101   | 40.448   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 183807   | 61.851   | ug/l   | 71       |
| 77) Bromobenzene              | 12.982 | 156  | 109271   | 43.016   | ug/l   | 99       |
| 78) n-propylbenzene           | 13.041 | 91   | 532537   | 47.255   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 326086   | 44.240   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 379459   | 45.394   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 45561    | 42.149   | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 314963   | 45.476   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.441 | 119  | 325702   | 47.099   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 379108   | 47.621   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.623 | 105  | 449166   | 47.180   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 364345   | 47.903   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 188677   | 45.285   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.818 | 146  | 186195   | 44.226   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 298288   | 49.872   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.341 | 117  | 66003    | 42.732   | ug/l   | 79       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 185547   | 45.112   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 27168    | 47.840   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 80928    | 54.753   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 45315    | 38.973   | ug/l   | 99       |
| 95) Naphthalene               | 15.647 | 128  | 246212   | 56.086   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 83840    | 48.087   | ug/l   | 97       |

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Acq On : 11 Sep 2023 20:42  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

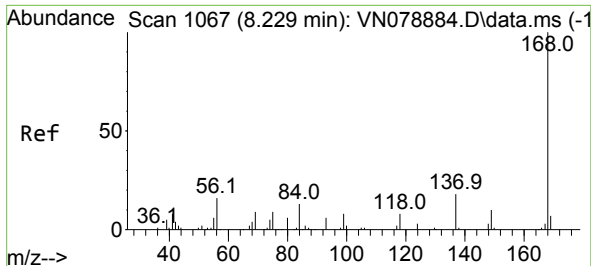
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 12 05:05:24 2023  
Response via : Initial Calibration

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

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

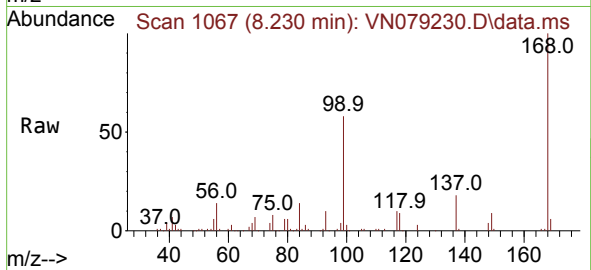
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Quant Title : SW846 8260  
QLast Update : Tue Sep 12 05:05:24 2023  
Response via : Initial Calibration



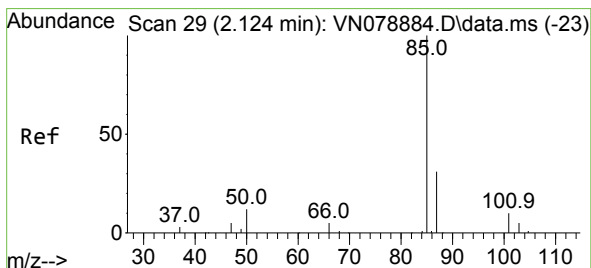
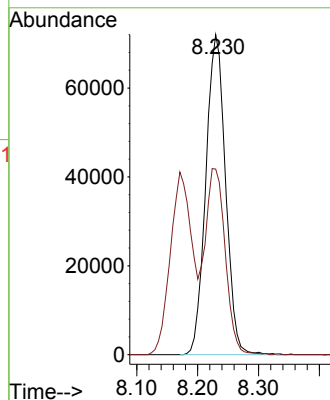
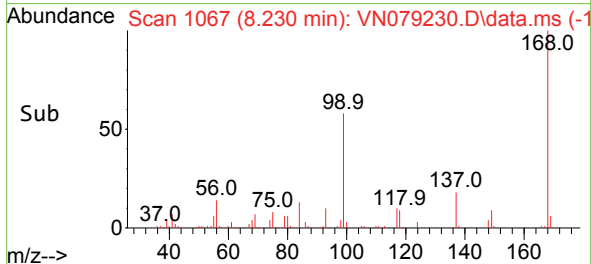


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Instrument :  
MSVOA\_N  
ClientSampleId :

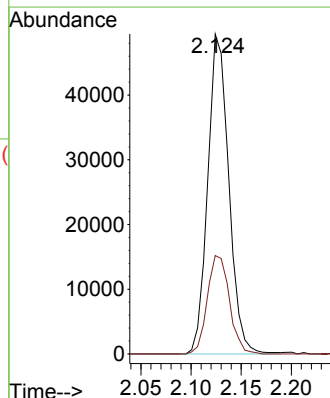
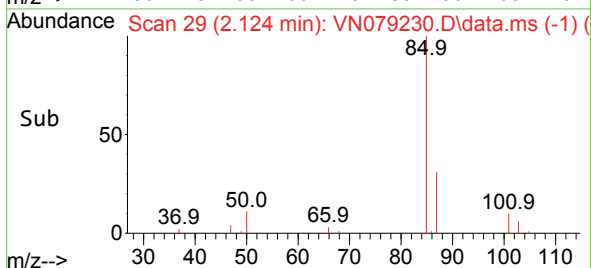
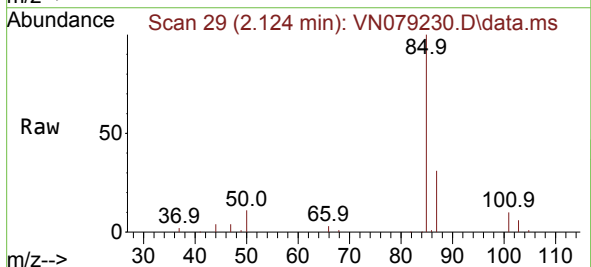


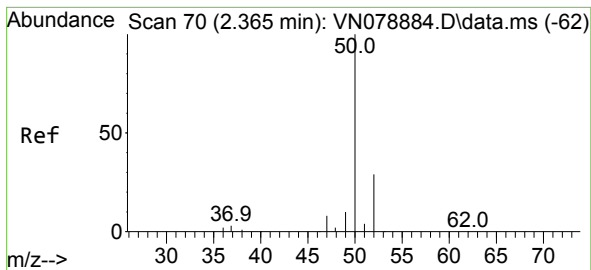
Tgt Ion:168 Resp: 161742  
Ion Ratio Lower Upper  
168 100  
99 57.7 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 45.239 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.012 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 85 Resp: 72399  
Ion Ratio Lower Upper  
85 100  
87 30.8 15.8 47.4





#3

Chloromethane

Concen: 44.749 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

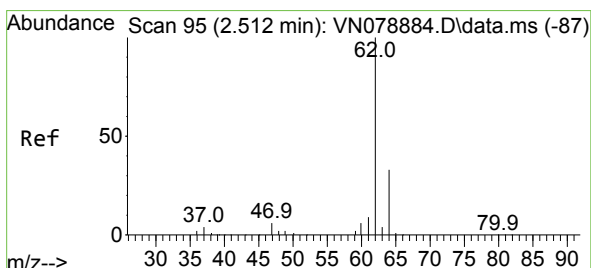
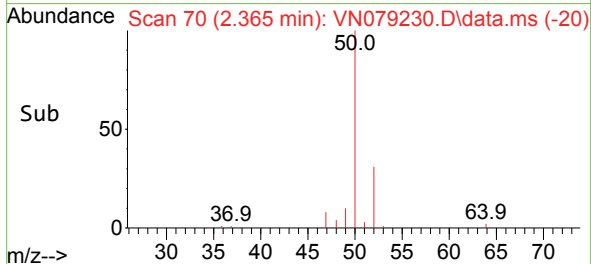
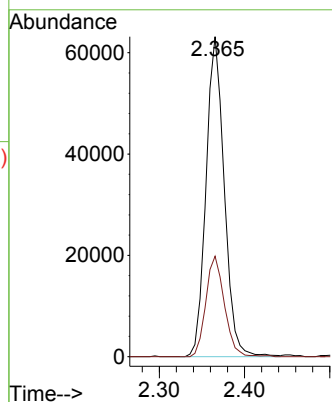
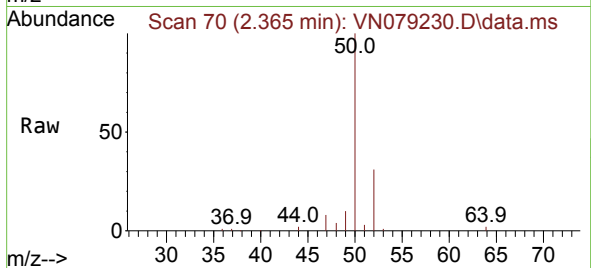
ClientSampleId :

Tgt Ion: 50 Resp: 94010

Ion Ratio Lower Upper

50 100

52 31.4 26.5 39.7



#4

Vinyl Chloride

Concen: 45.260 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079230.D

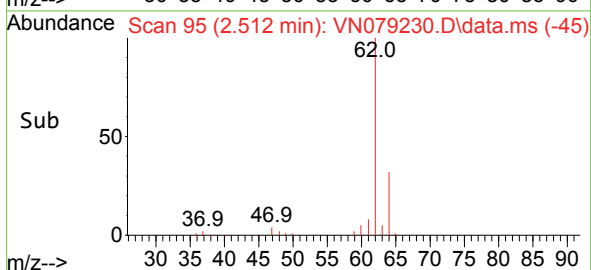
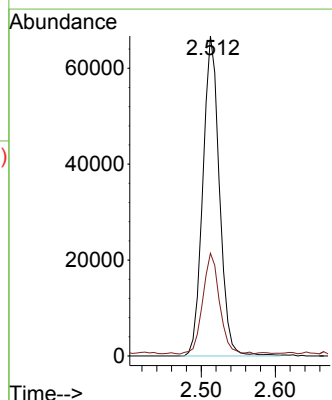
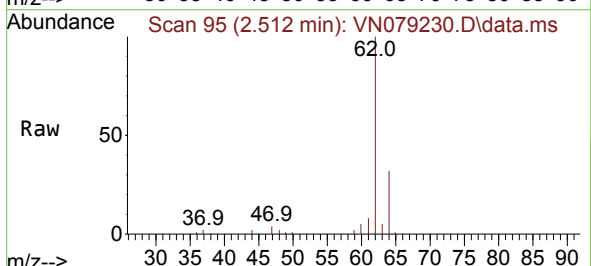
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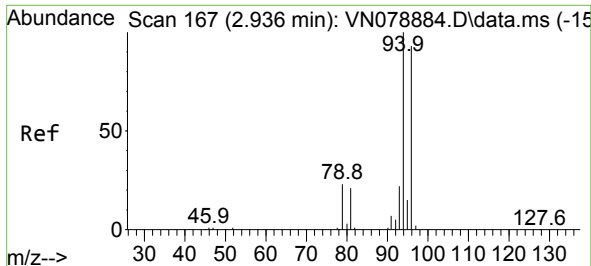
Tgt Ion: 62 Resp: 103604

Ion Ratio Lower Upper

62 100

64 31.5 26.2 39.2

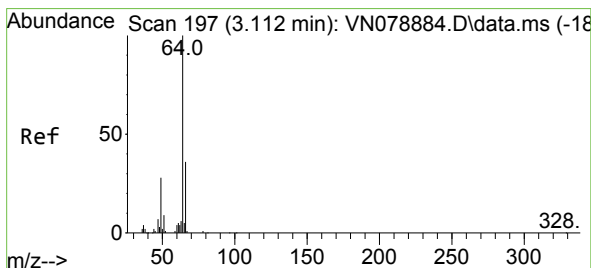
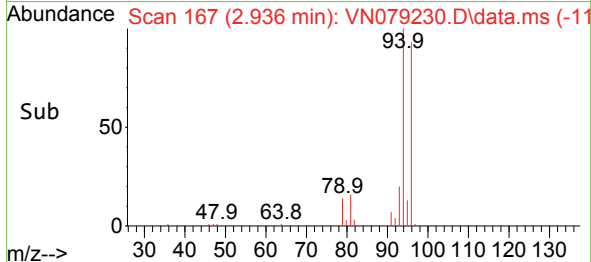
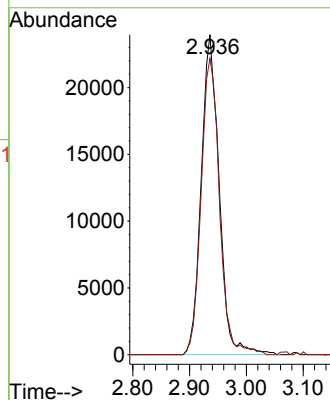
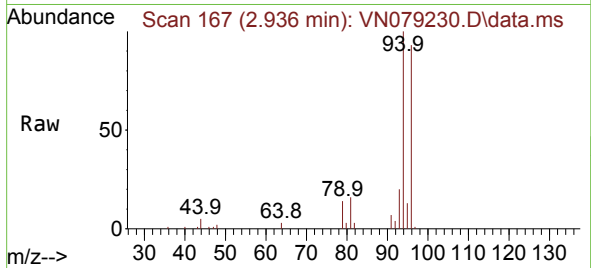




#5  
Bromomethane  
Concen: 39.874 ug/l  
RT: 2.936 min Scan# 167  
Delta R.T. -0.012 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

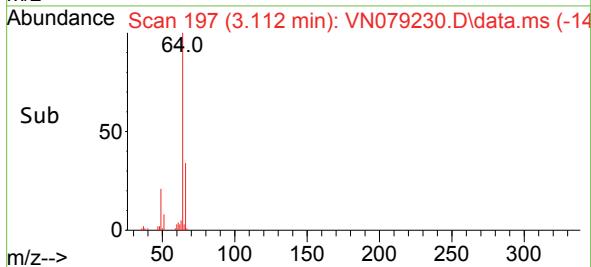
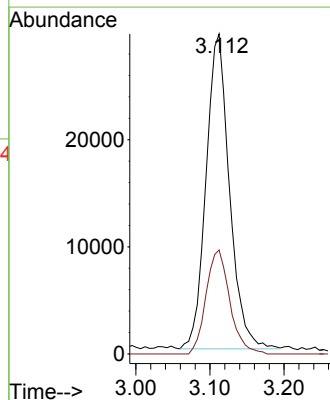
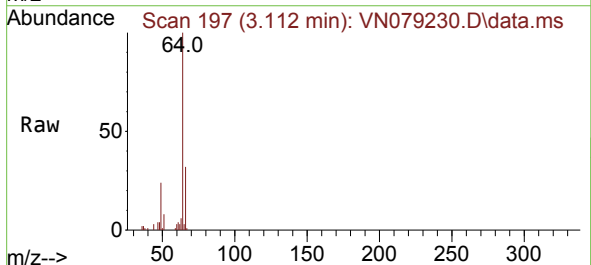
Instrument :  
MSVOA\_N  
ClientSampleId :

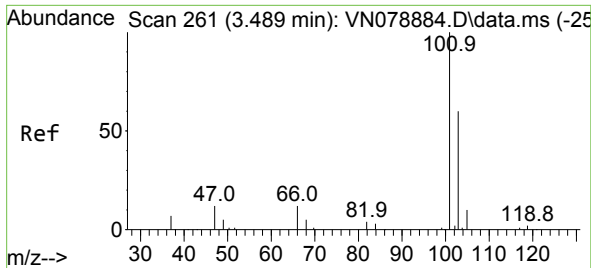
Tgt Ion: 94 Resp: 52466  
Ion Ratio Lower Upper  
94 100  
96 92.6 73.1 109.7



#6  
Chloroethane  
Concen: 43.982 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. -0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 64 Resp: 64566  
Ion Ratio Lower Upper  
64 100  
66 33.0 25.4 38.2

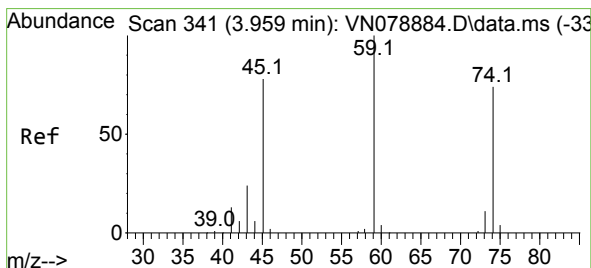
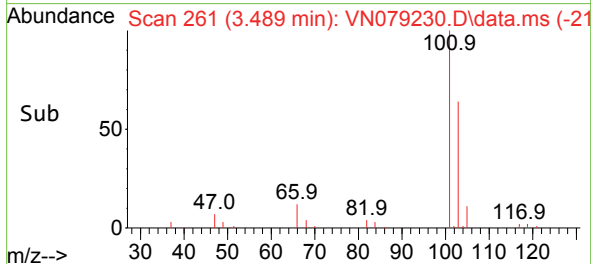
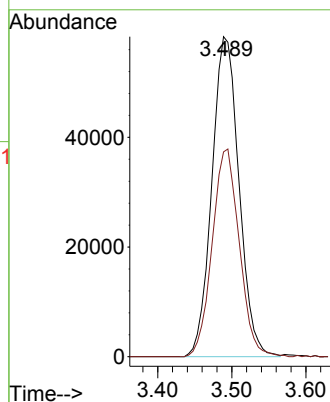
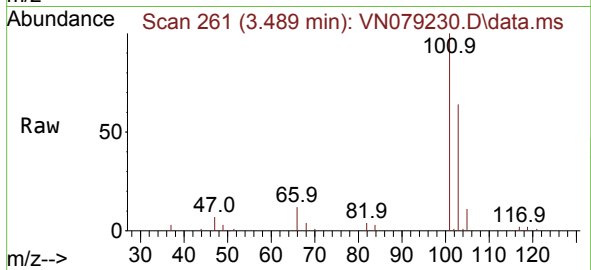




#7  
 Trichlorofluoromethane  
 Concen: 44.217 ug/l  
 RT: 3.489 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

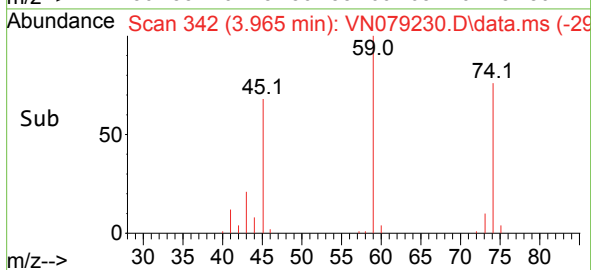
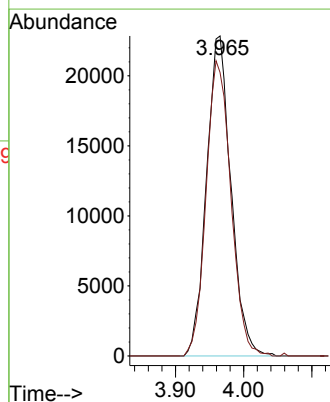
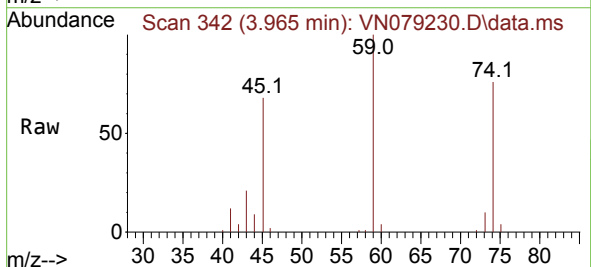
Instrument :  
 MSVOA\_N  
 ClientSampleId :

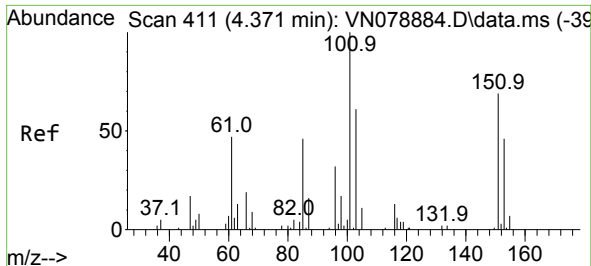
Tgt Ion:101 Resp: 148213  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 50.7 76.1



#8  
 Diethyl Ether  
 Concen: 49.034 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. -0.006 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

Tgt Ion: 74 Resp: 57048  
 Ion Ratio Lower Upper  
 74 100  
 45 93.4 34.4 103.3

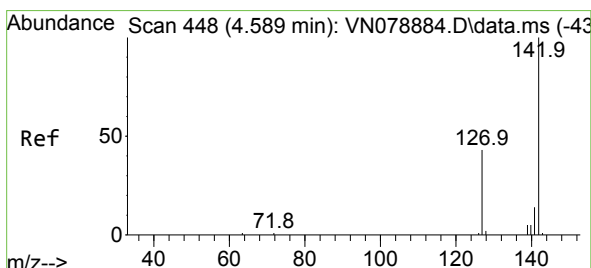
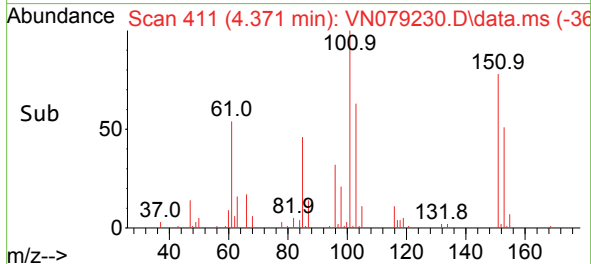
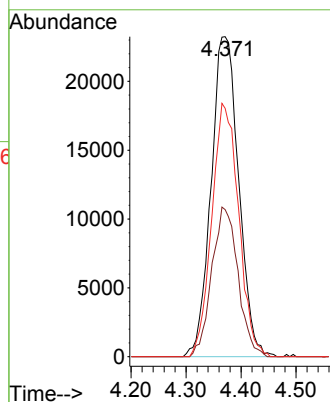
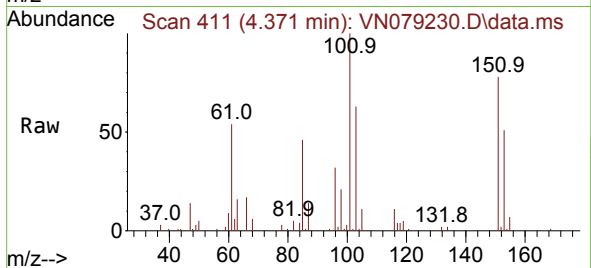




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.484 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

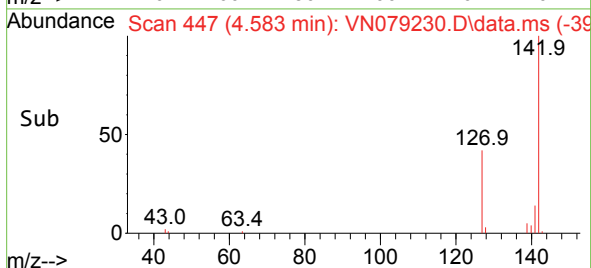
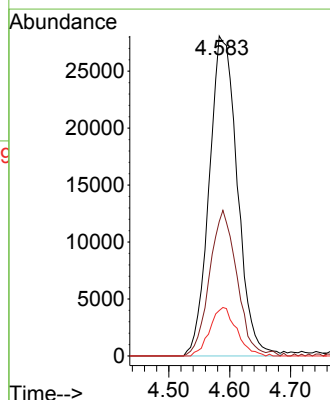
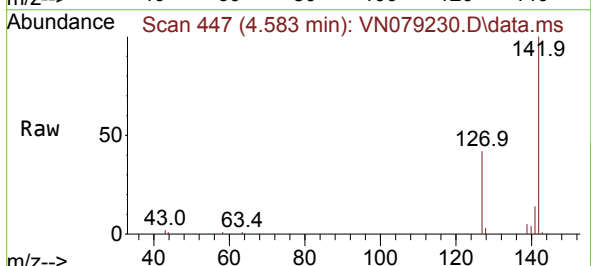
Instrument :  
MSVOA\_N  
ClientSampleId :

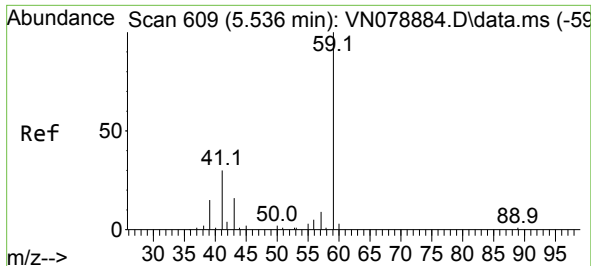
Tgt Ion:101 Resp: 81081  
Ion Ratio Lower Upper  
101 100  
85 44.3 36.6 55.0  
151 77.0 57.6 86.4



#10  
Methyl Iodide  
Concen: 61.816 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.017 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

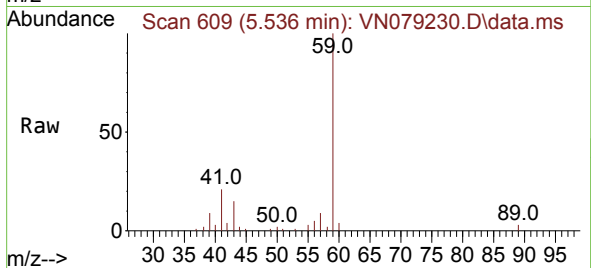
Tgt Ion:142 Resp: 90140  
Ion Ratio Lower Upper  
142 100  
127 42.0 37.6 56.4  
141 14.2 11.4 17.0



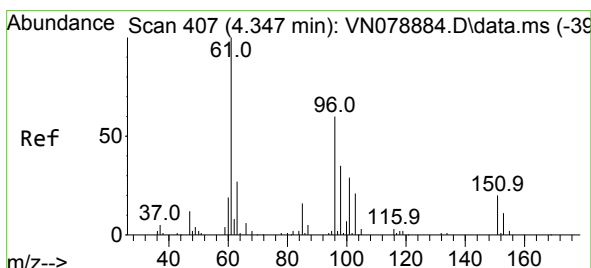
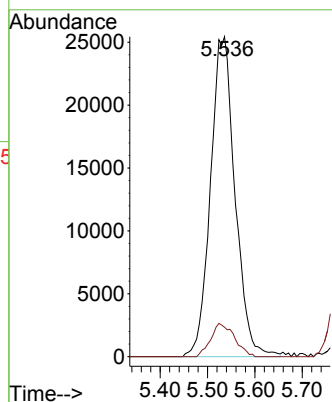
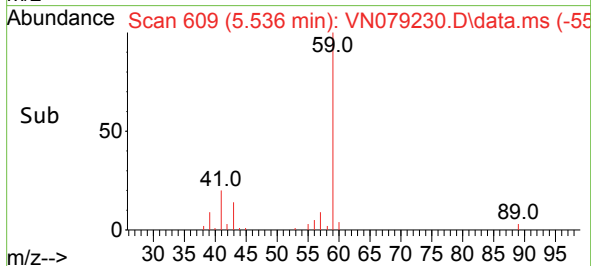


#11  
Tert butyl alcohol  
Concen: 227.373 ug/l  
RT: 5.536 min Scan# 609  
Delta R.T. -0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Instrument :  
MSVOA\_N  
ClientSampleId :

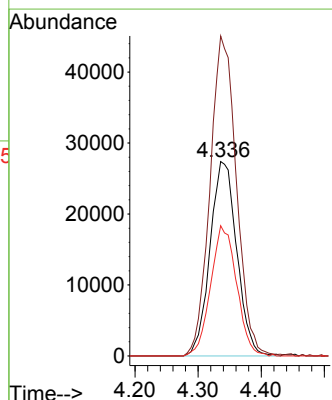
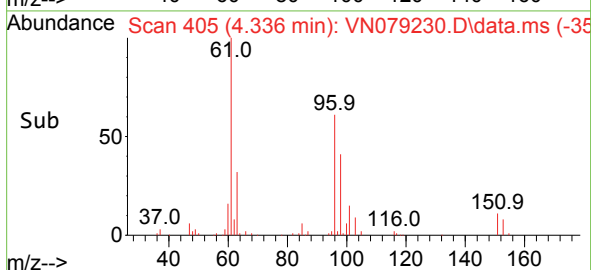
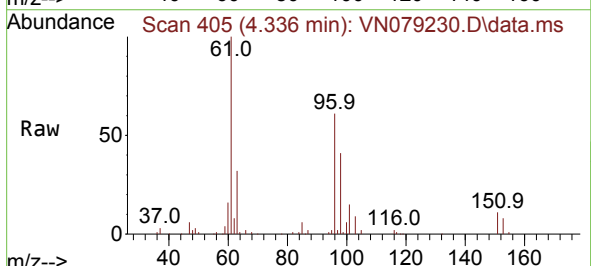


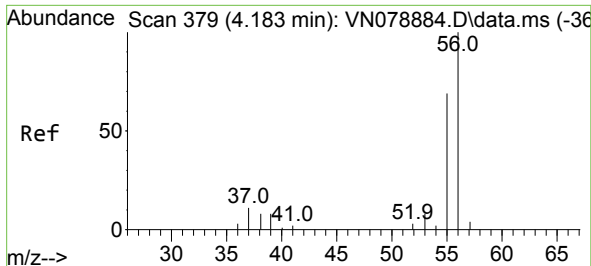
Tgt Ion: 59 Resp: 91653  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 46.720 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.012 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

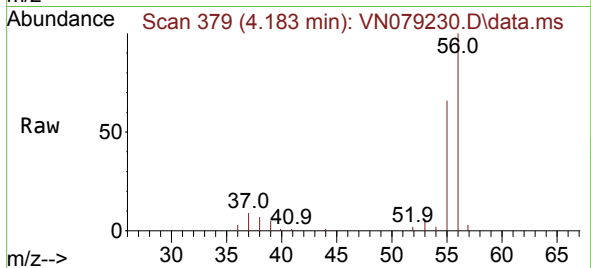
Tgt Ion: 96 Resp: 80595  
Ion Ratio Lower Upper  
96 100  
61 164.7 112.7 169.1  
98 67.0 51.2 76.8



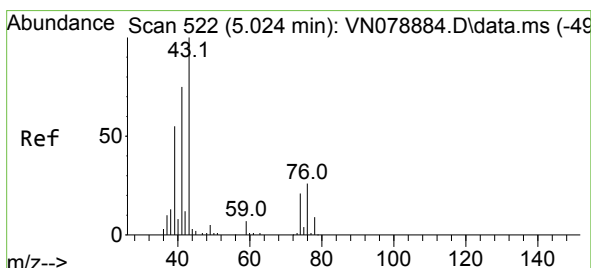
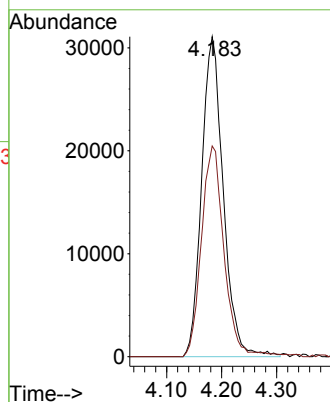
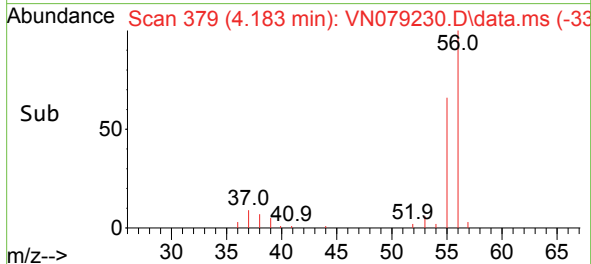


#13  
Acrolein  
Concen: 220.457 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Instrument :  
MSVOA\_N  
ClientSampleId :

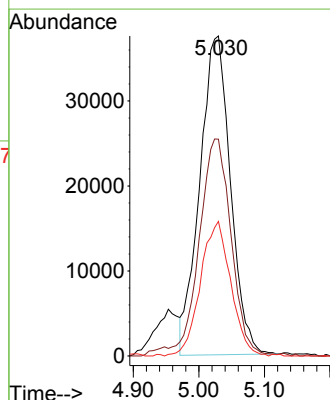
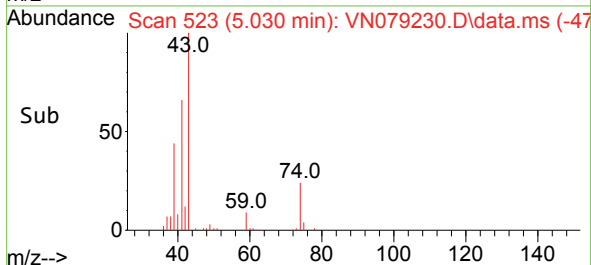
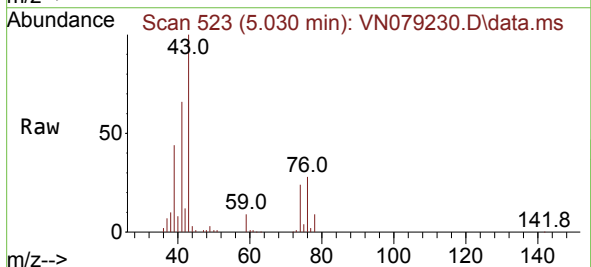


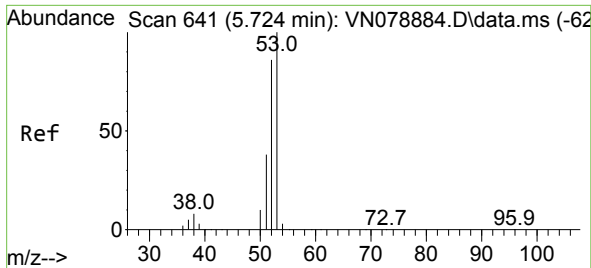
Tgt Ion: 56 Resp: 84768  
Ion Ratio Lower Upper  
56 100  
55 68.8 54.5 81.7



#14  
Allyl chloride  
Concen: 44.326 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

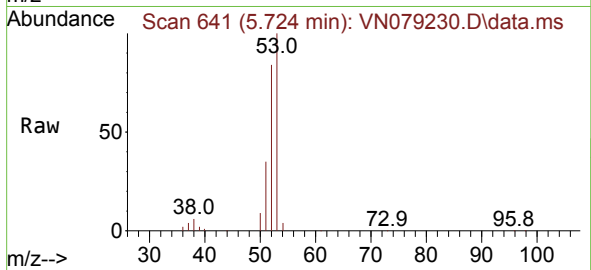
Tgt Ion: 41 Resp: 121979  
Ion Ratio Lower Upper  
41 100  
39 71.7 58.8 88.2  
76 41.7 39.1 58.7



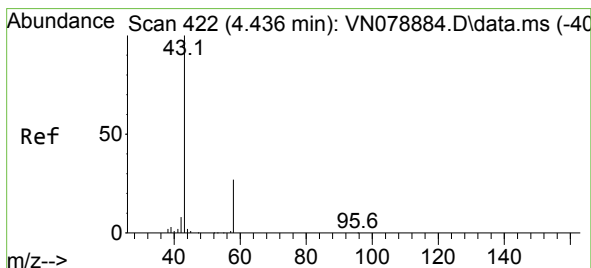
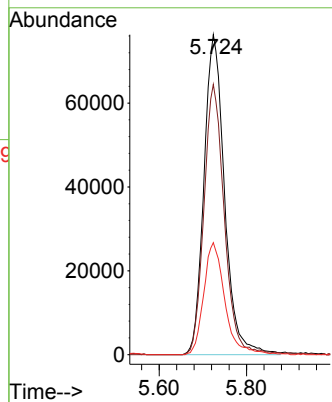
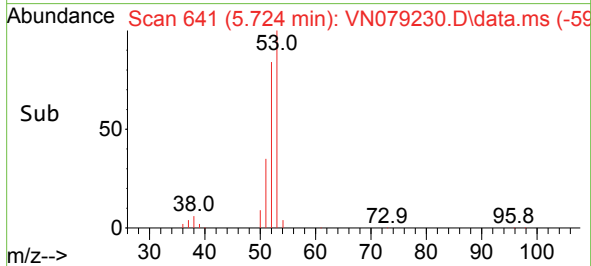


#15  
Acrylonitrile  
Concen: 239.482 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. -0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Instrument :  
MSVOA\_N  
ClientSampleId :

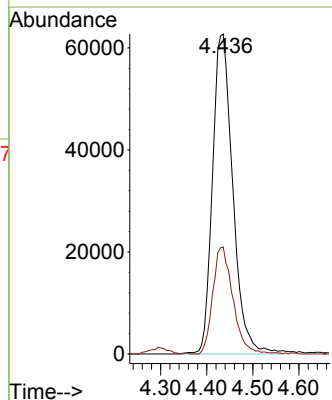
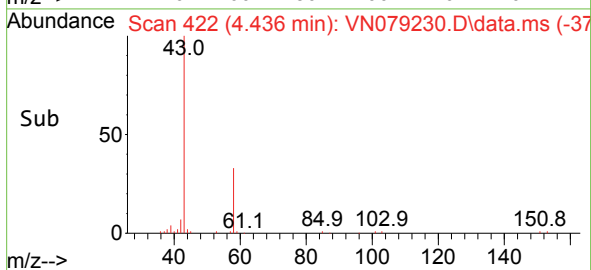
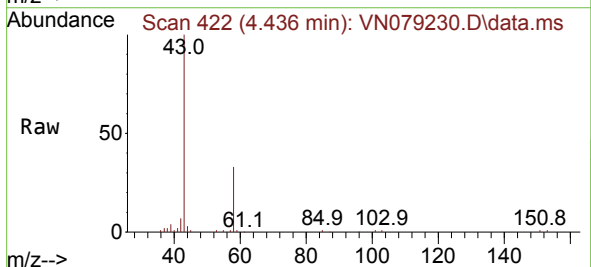


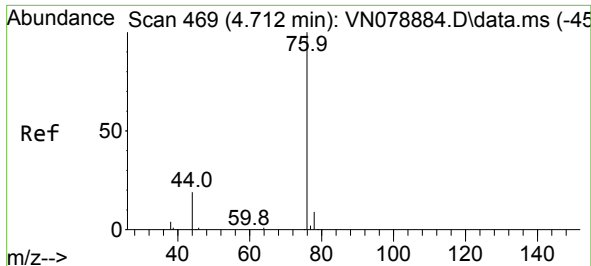
Tgt Ion: 53 Resp: 250310  
Ion Ratio Lower Upper  
53 100  
52 83.5 65.3 97.9  
51 35.9 28.9 43.3



#16  
Acetone  
Concen: 206.861 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. -0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 43 Resp: 191819  
Ion Ratio Lower Upper  
43 100  
58 33.4 28.0 42.0

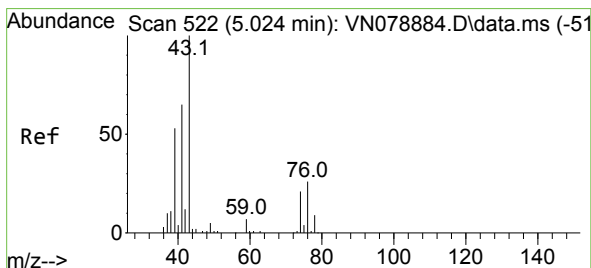
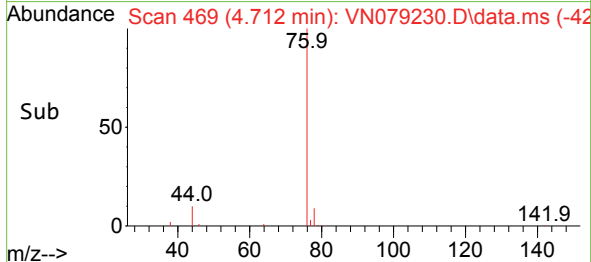
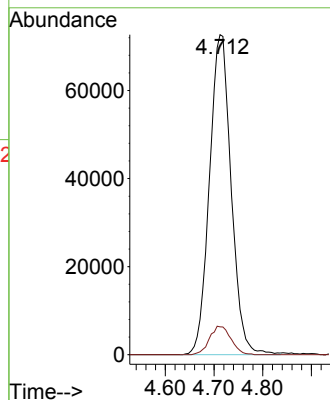
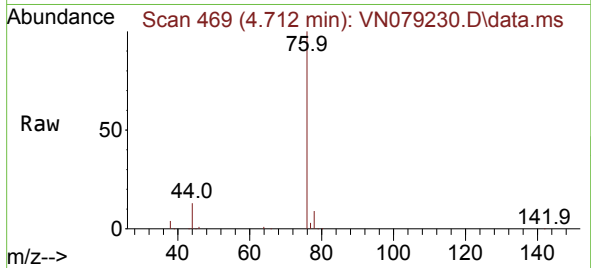




#17  
Carbon Disulfide  
Concen: 41.658 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

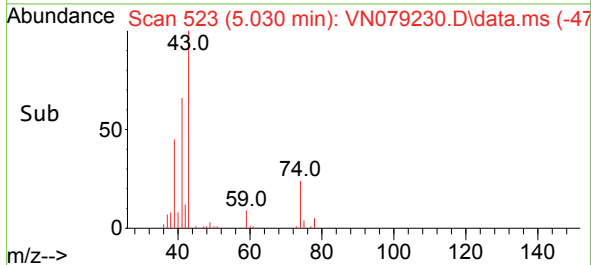
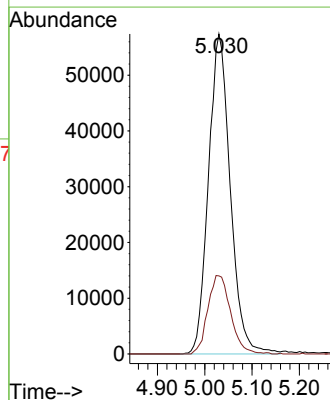
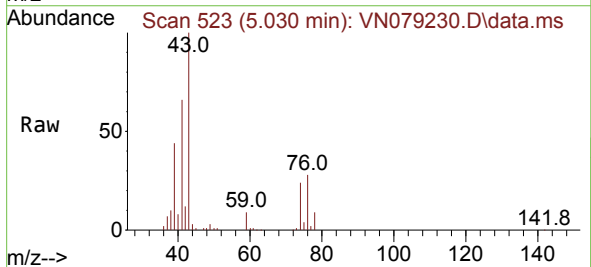
Instrument :  
MSVOA\_N  
ClientSampleId :

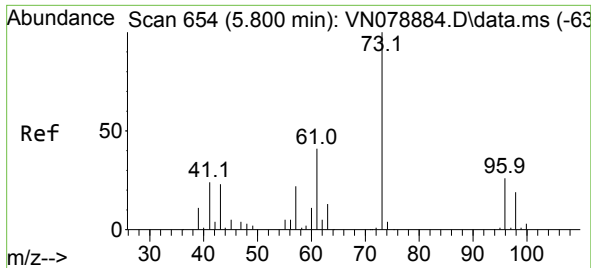
Tgt Ion: 76 Resp: 224600  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.0



#18  
Methyl Acetate  
Concen: 48.194 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. -0.012 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 43 Resp: 183669  
Ion Ratio Lower Upper  
43 100  
74 25.6 26.2 39.4#

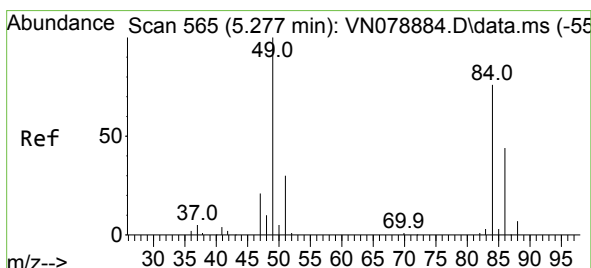
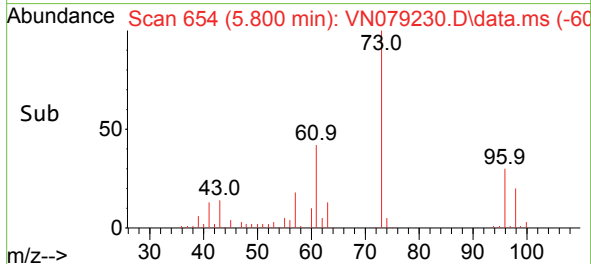
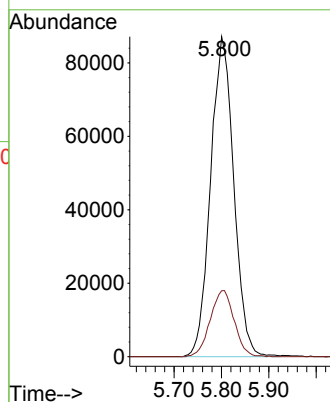
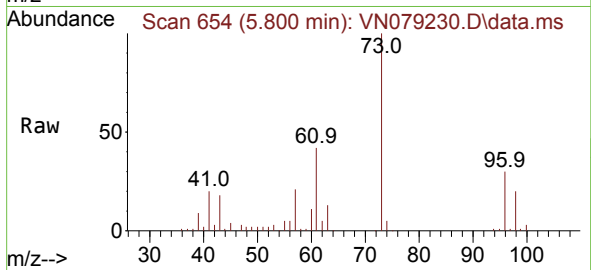




#19  
Methyl tert-butyl Ether  
Concen: 50.043 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

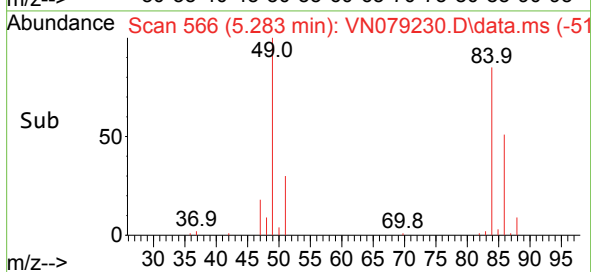
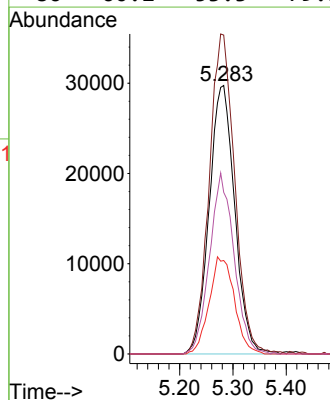
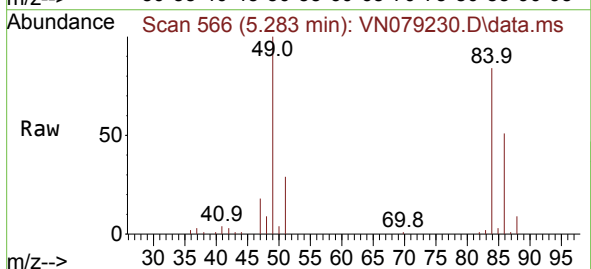
Instrument :  
MSVOA\_N  
ClientSampleId :

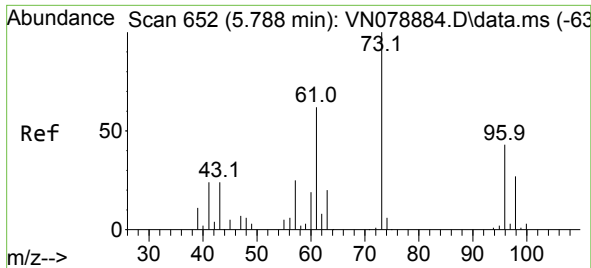
Tgt Ion: 73 Resp: 296065  
Ion Ratio Lower Upper  
73 100  
57 20.6 15.6 23.4



#20  
Methylene Chloride  
Concen: 43.865 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 84 Resp: 98984  
Ion Ratio Lower Upper  
84 100  
49 118.8 79.7 119.5  
51 34.8 25.2 37.8  
86 60.2 53.3 79.9

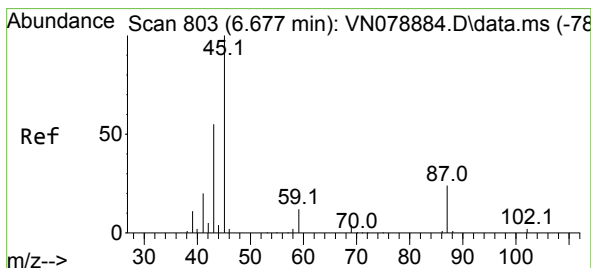
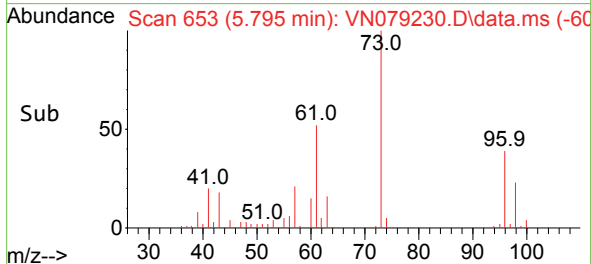
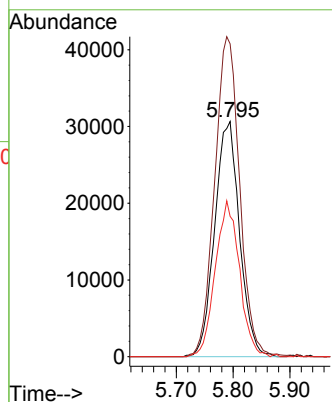
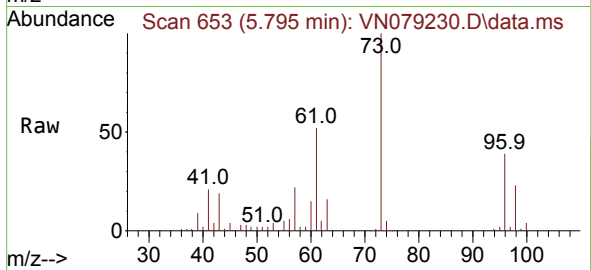




#21  
trans-1,2-Dichloroethene  
Concen: 46.623 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

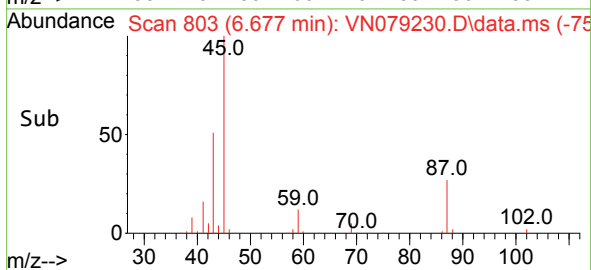
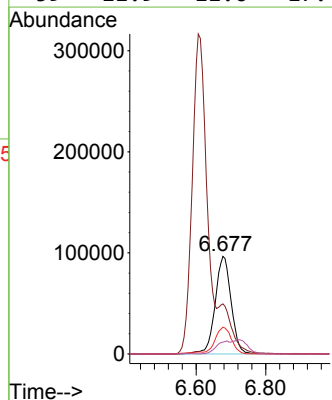
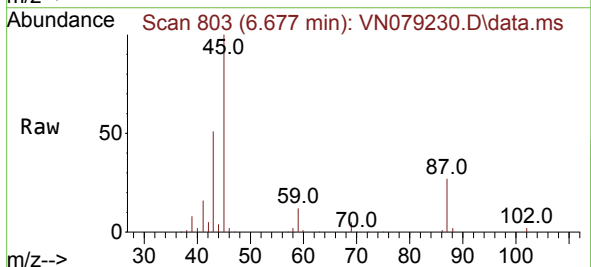
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MSVOA\_N  
ClientSampleId :

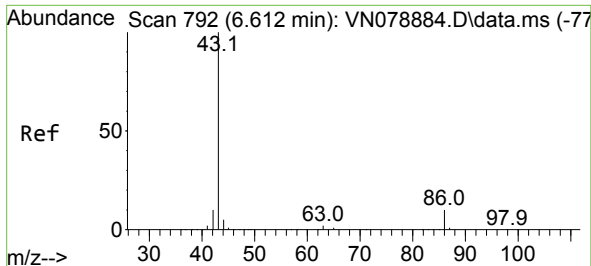
Tgt Ion: 96 Resp: 93298  
Ion Ratio Lower Upper  
96 100  
61 133.0 90.1 135.1  
98 59.6 46.4 69.6



#22  
Diisopropyl ether  
Concen: 50.997 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. -0.012 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 45 Resp: 307913  
Ion Ratio Lower Upper  
45 100  
43 50.9 45.5 68.3  
87 27.3 31.8 47.8#  
59 11.9 11.6 17.4

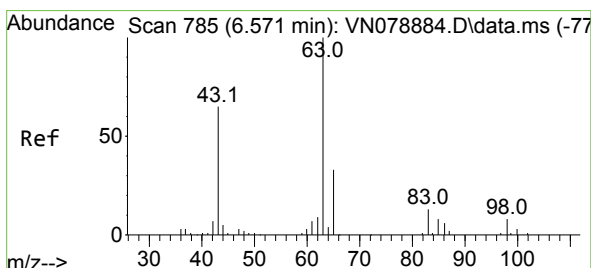
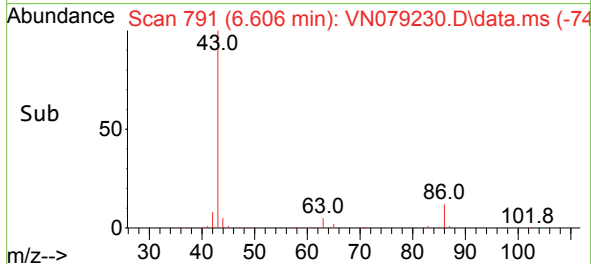
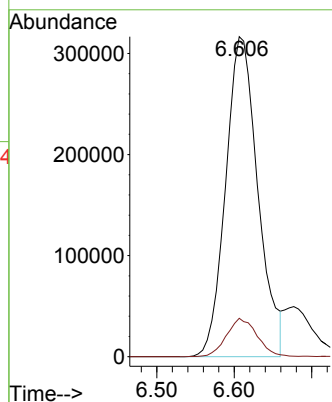
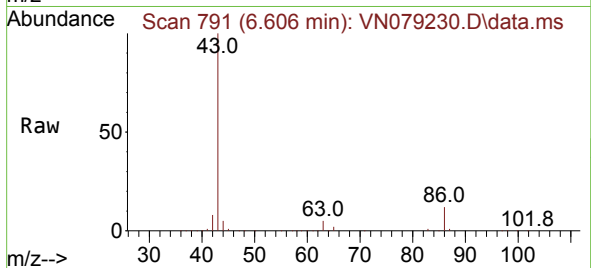




#23  
 Vinyl Acetate  
 Concen: 246.883 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. -0.006 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

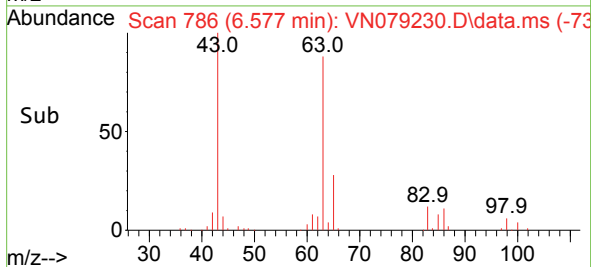
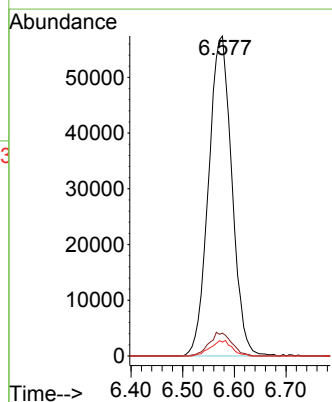
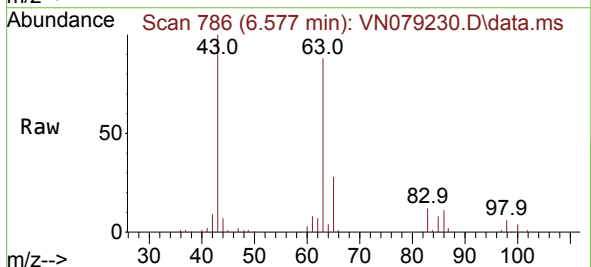
Instrument :  
 MSVOA\_N  
 ClientSampleId :

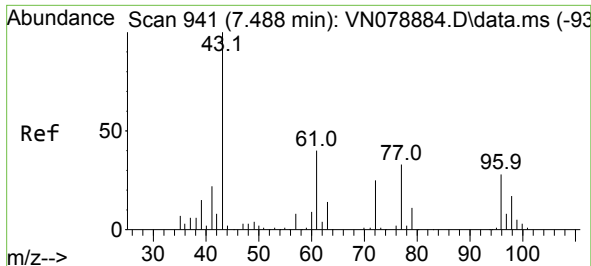
Tgt Ion: 43 Resp: 916872  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 13.0 19.6#



#24  
 1,1-Dichloroethane  
 Concen: 48.266 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. -0.000 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

Tgt Ion: 63 Resp: 179651  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.9 11.7  
 100 4.4 2.5 7.4

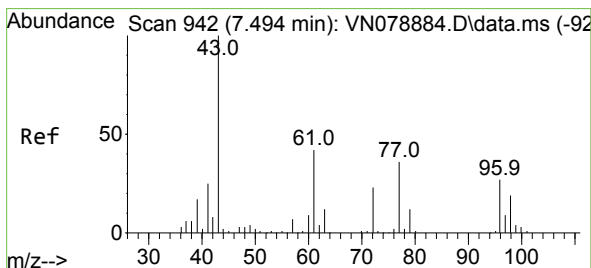
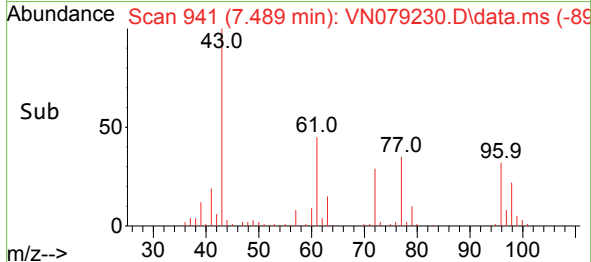
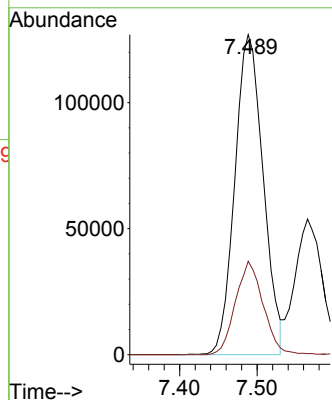
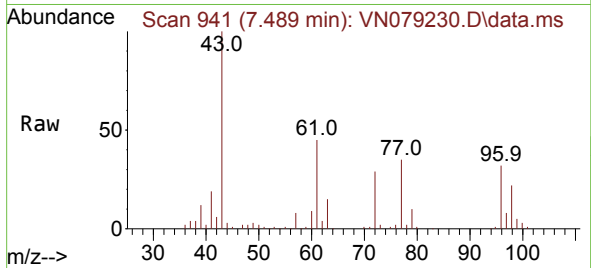




#25  
2-Butanone  
Concen: 240.467 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. -0.005 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

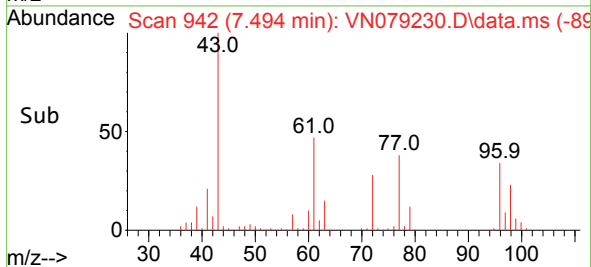
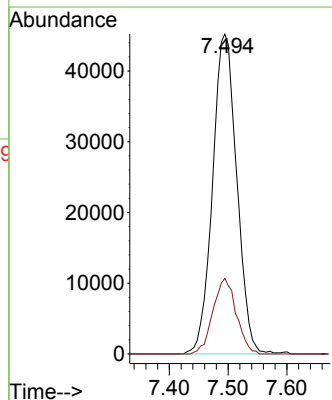
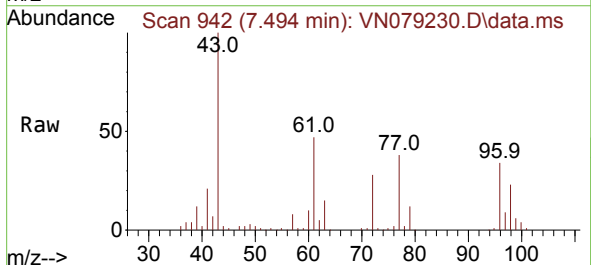
Instrument :  
MSVOA\_N  
ClientSampleId :

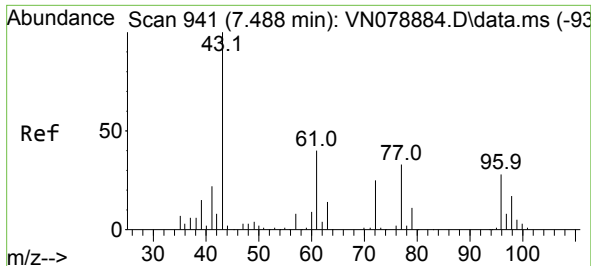
Tgt Ion: 43 Resp: 323530  
Ion Ratio Lower Upper  
43 100  
72 29.2 30.2 45.2#



#26  
2,2-Dichloropropane  
Concen: 42.365 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

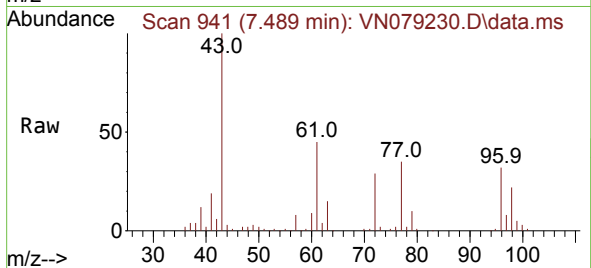
Tgt Ion: 77 Resp: 129399  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.2 33.6



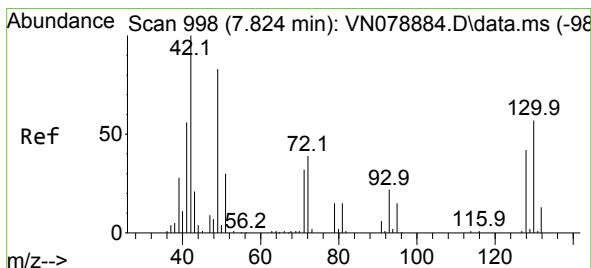
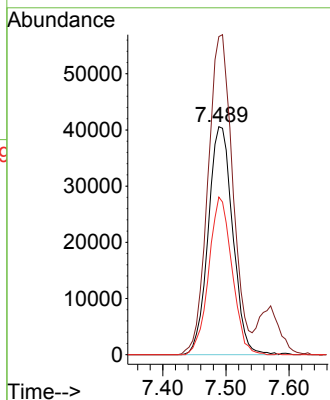
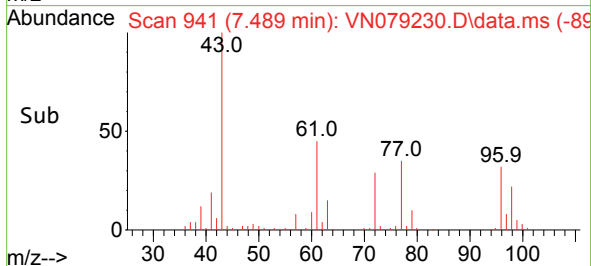


#27  
 cis-1,2-Dichloroethene  
 Concen: 47.807 ug/l  
 RT: 7.489 min Scan# 941  
 Delta R.T. -0.011 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :

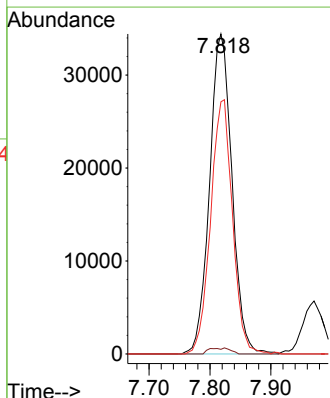
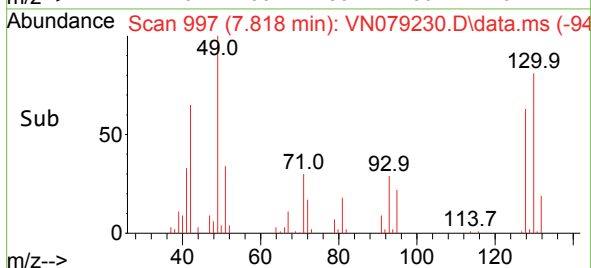
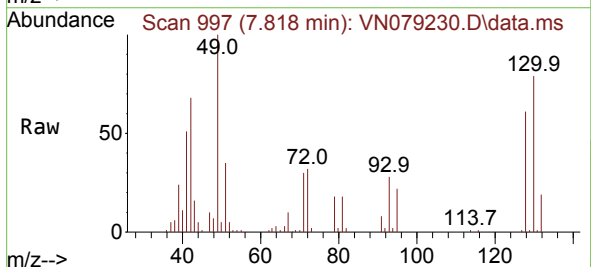


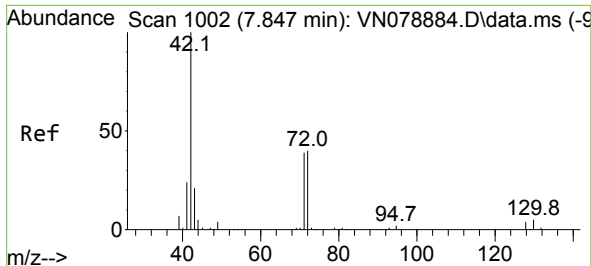
Tgt Ion: 96 Resp: 109391  
 Ion Ratio Lower Upper  
 96 100  
 61 142.2 0.0 255.2  
 98 65.7 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 52.269 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. -0.006 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

Tgt Ion: 49 Resp: 87962  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 4.8  
 130 77.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 252.651 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

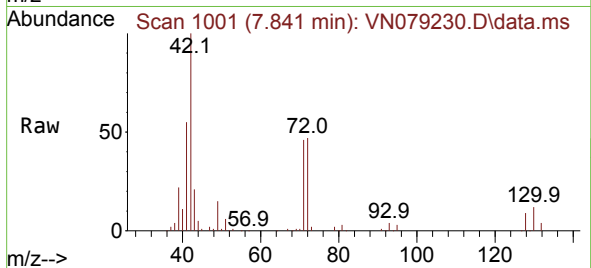
Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

ClientSampleId :



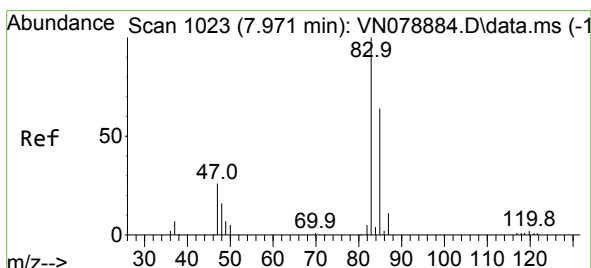
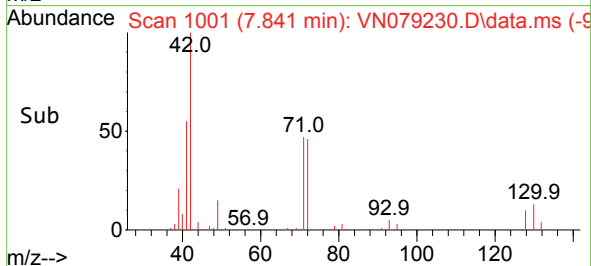
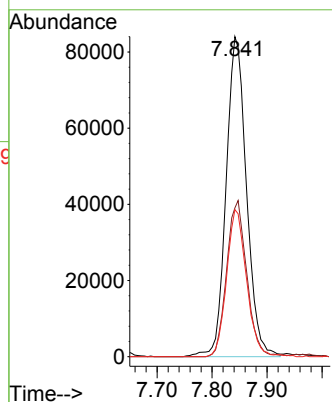
Tgt Ion: 42 Resp: 216319

Ion Ratio Lower Upper

42 100

72 48.1 49.8 74.6#

71 45.0 47.4 71.2#



#30

Chloroform

Concen: 47.556 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079230.D

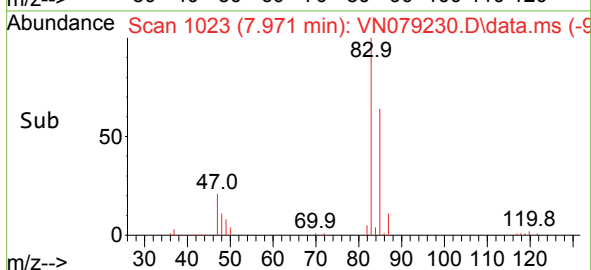
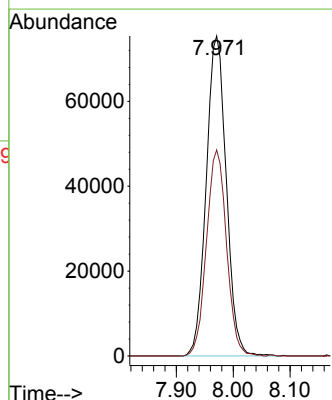
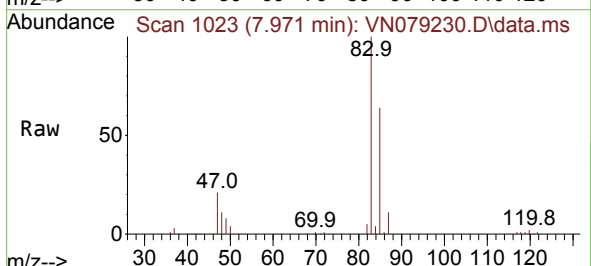
Acq: 11 Sep 2023 20:42

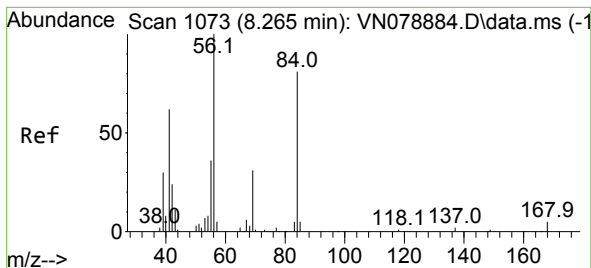
Tgt Ion: 83 Resp: 184296

Ion Ratio Lower Upper

83 100

85 64.4 55.4 83.0





#31

Cyclohexane

Concen: 45.847 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

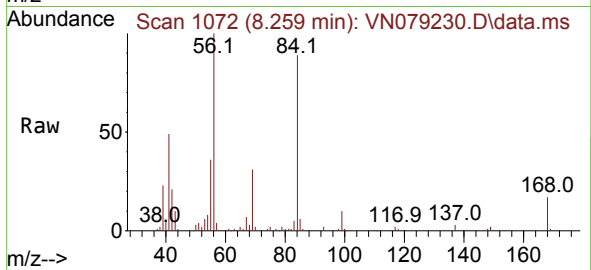
Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

ClientSampleId :



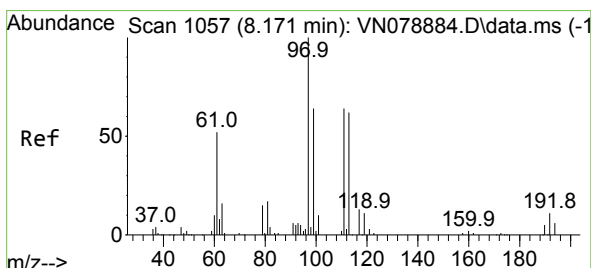
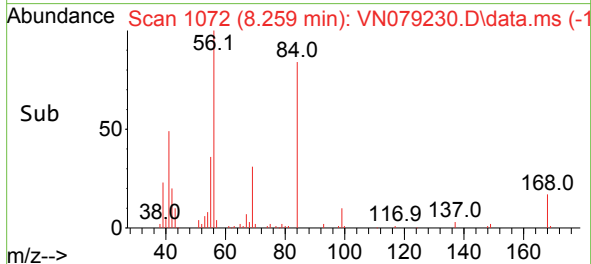
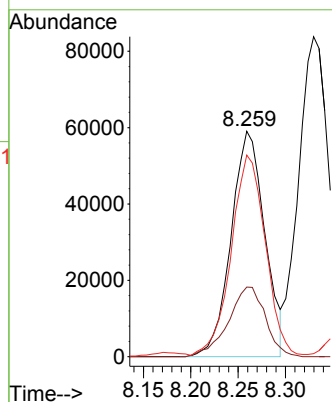
Tgt Ion: 56 Resp: 146162

Ion Ratio Lower Upper

56 100

69 30.6 26.8 40.2

84 88.1 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 48.144 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

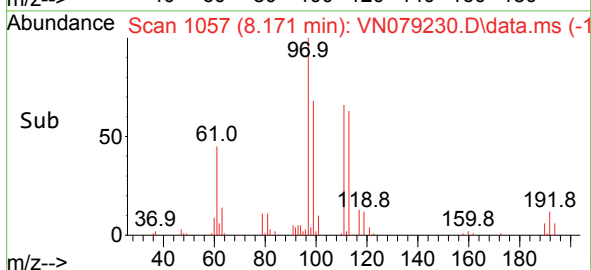
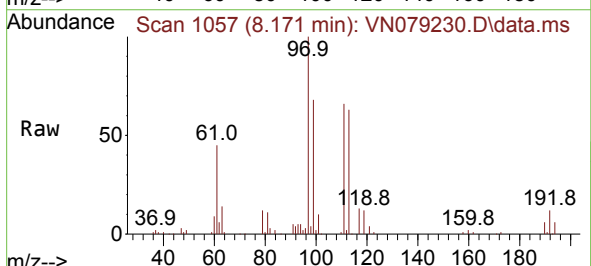
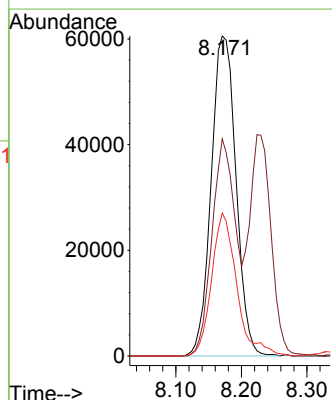
Tgt Ion: 97 Resp: 159039

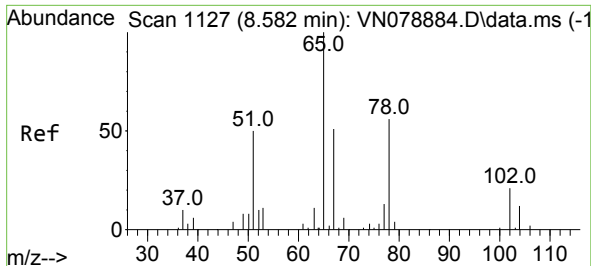
Ion Ratio Lower Upper

97 100

99 64.1 50.3 75.5

61 45.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.344 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

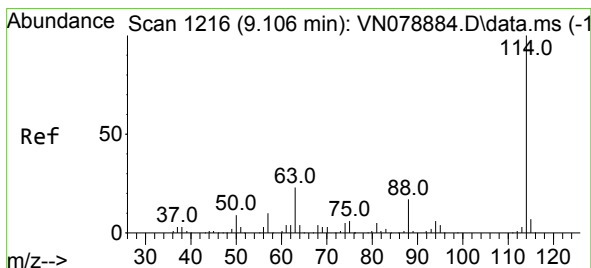
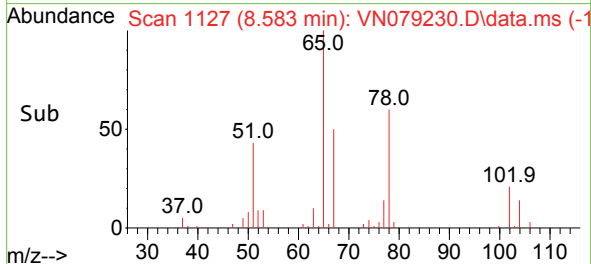
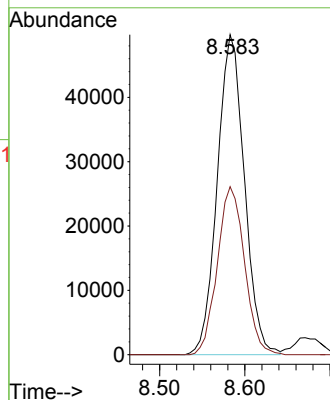
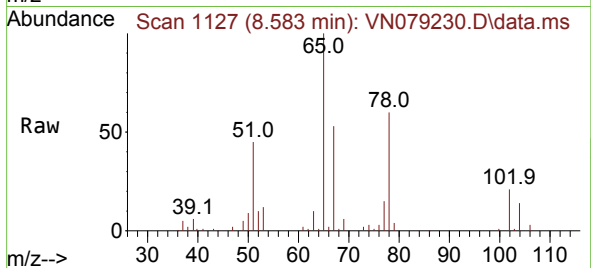
ClientSampleId :

Tgt Ion: 65 Resp: 109920

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

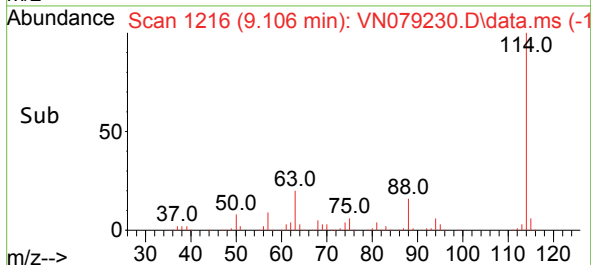
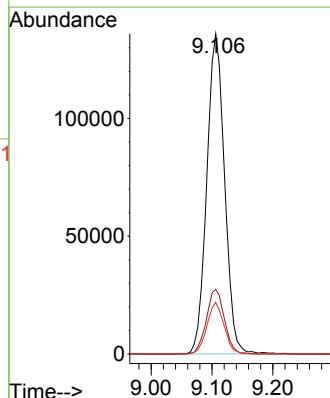
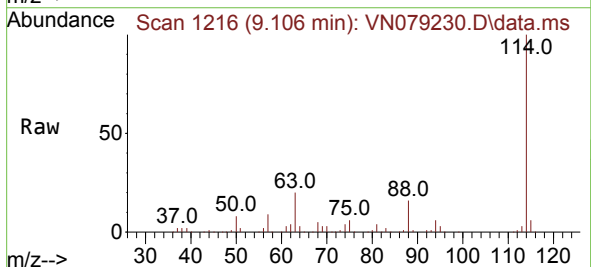
Tgt Ion: 114 Resp: 276269

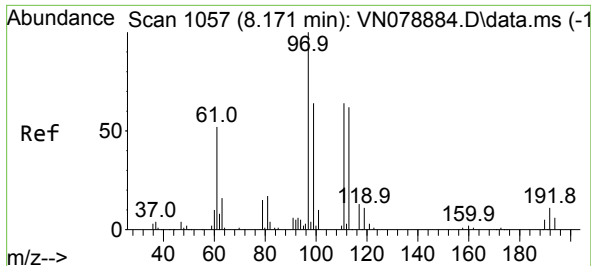
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

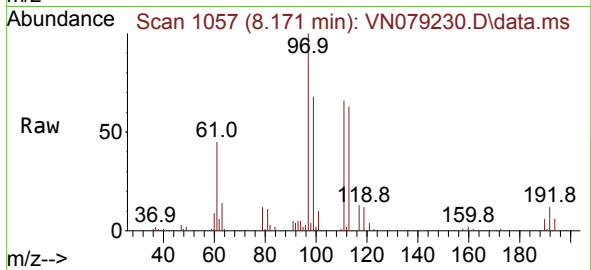
88 16.1 0.0 30.6



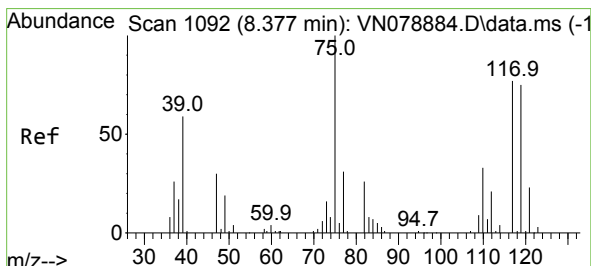
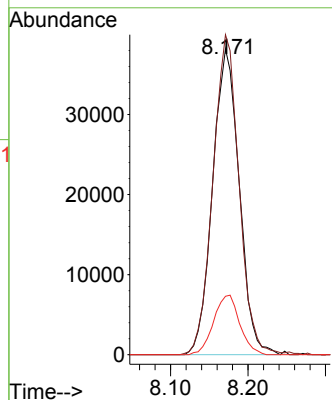
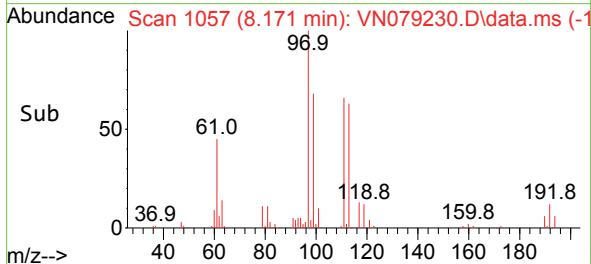


#35  
Dibromofluoromethane  
Concen: 49.634 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

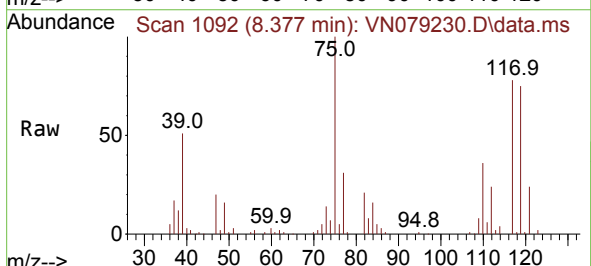
Instrument :  
MSVOA\_N  
ClientSampleId :



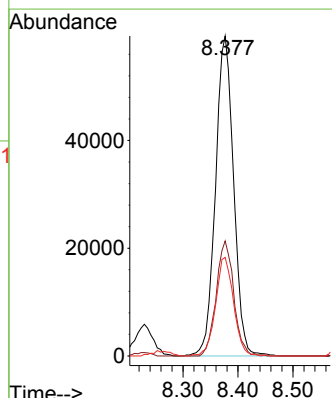
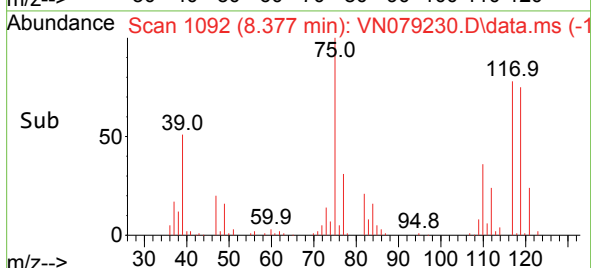
Tgt Ion:113 Resp: 91212  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.6 123.8  
192 19.1 12.7 19.1

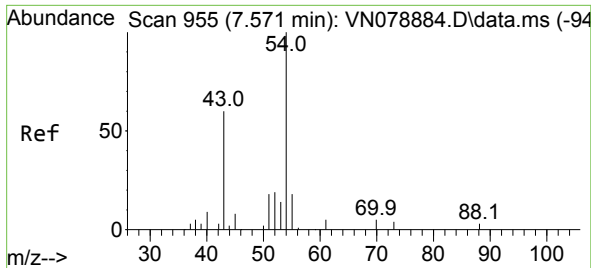


#36  
1,1-Dichloropropene  
Concen: 47.997 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42



Tgt Ion: 75 Resp: 135955  
Ion Ratio Lower Upper  
75 100  
110 35.0 19.1 57.3  
77 30.5 25.0 37.4

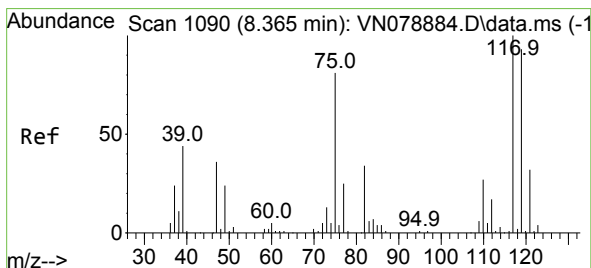
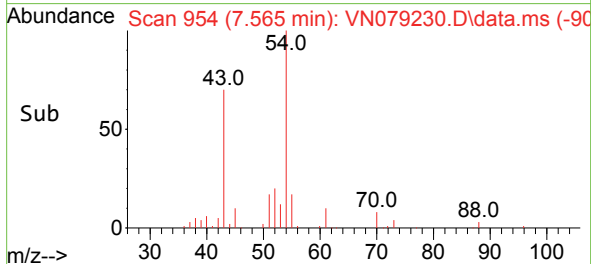
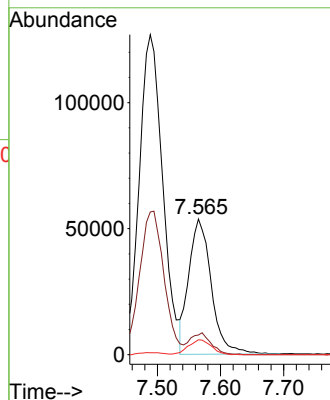
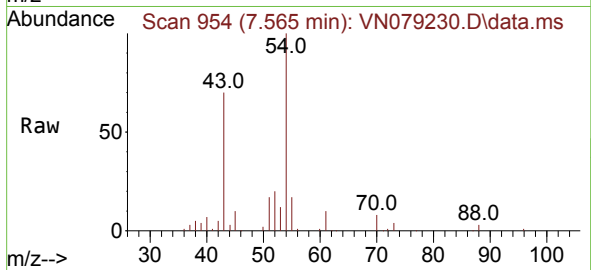




#37  
Ethyl Acetate  
Concen: 47.062 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

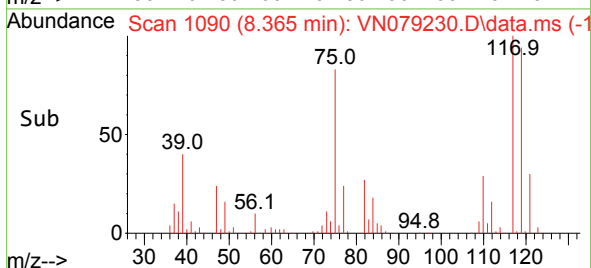
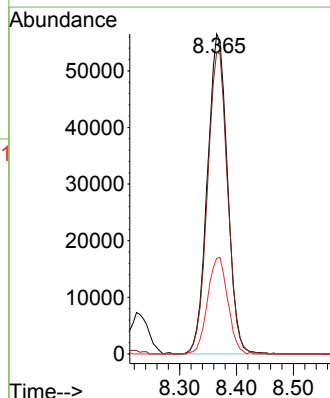
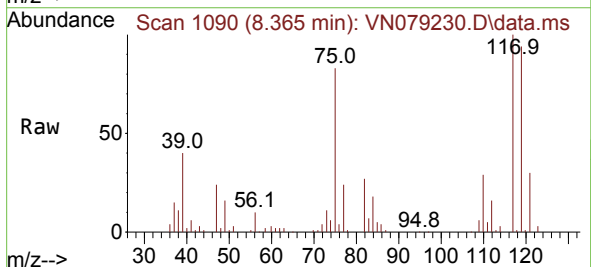
Instrument :  
MSVOA\_N  
ClientSampleId :

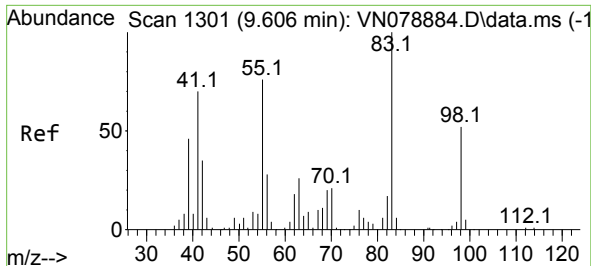
Tgt Ion: 43 Resp: 132963  
Ion Ratio Lower Upper  
43 100  
61 15.1 13.2 19.8  
70 11.3 11.3 16.9#



#38  
Carbon Tetrachloride  
Concen: 47.116 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 117 Resp: 138109  
Ion Ratio Lower Upper  
117 100  
119 94.3 77.3 115.9  
121 29.9 23.3 34.9





#39

Methylcyclohexane

Concen: 50.743 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

ClientSampleId :

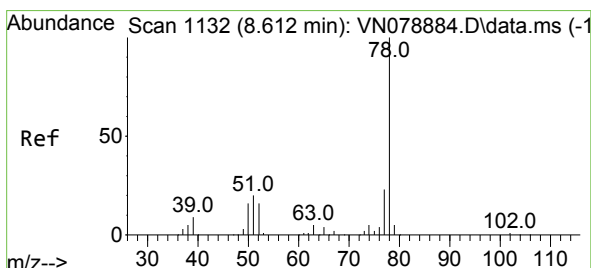
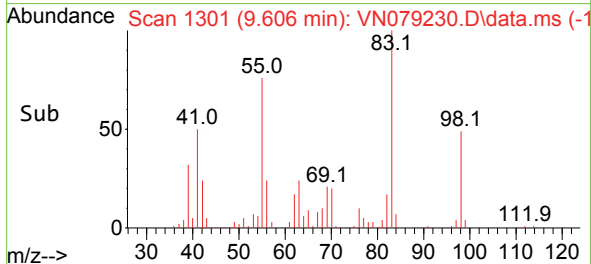
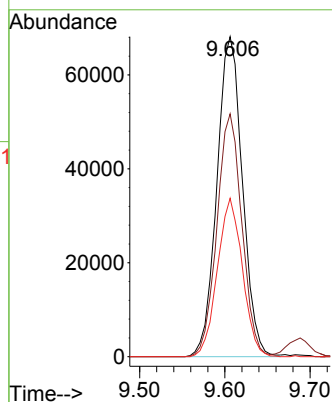
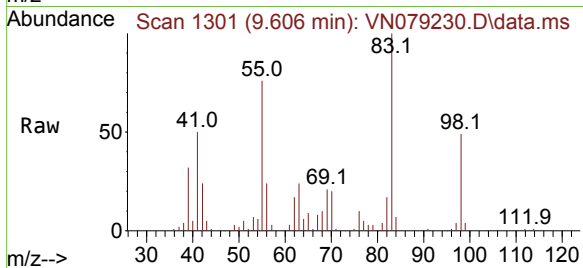
Tgt Ion: 83 Resp: 141780

Ion Ratio Lower Upper

83 100

55 75.9 49.1 73.7#

98 49.5 40.6 61.0



#40

Benzene

Concen: 47.639 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079230.D

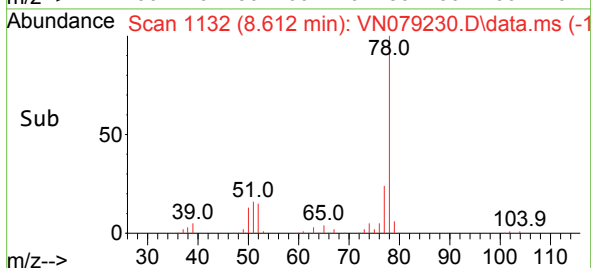
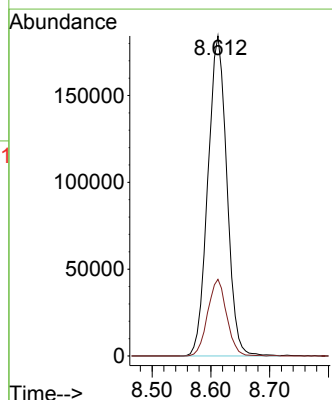
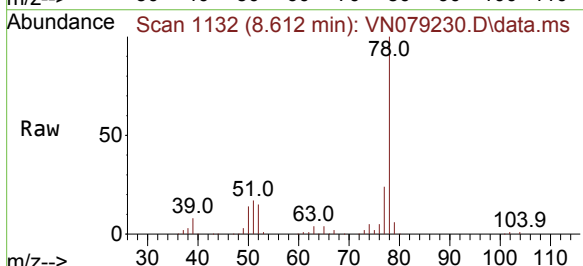
Acq: 11 Sep 2023 20:42

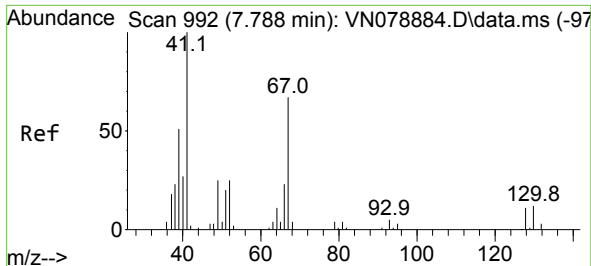
Tgt Ion: 78 Resp: 413086

Ion Ratio Lower Upper

78 100

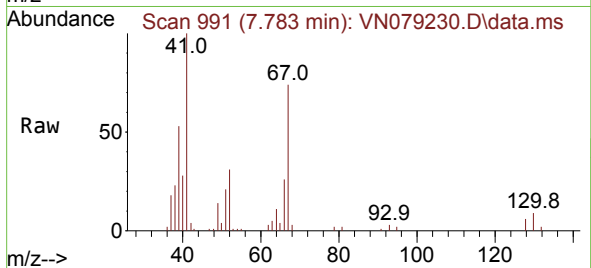
77 23.9 19.0 28.6



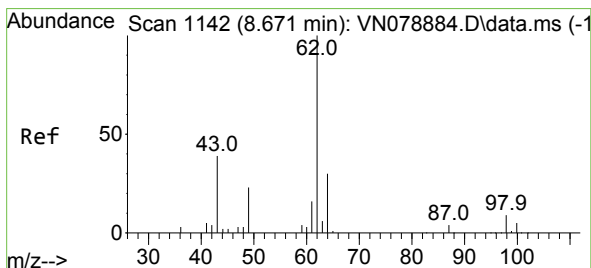
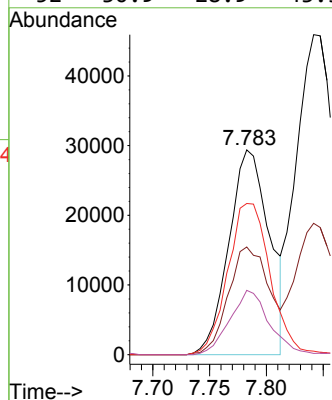
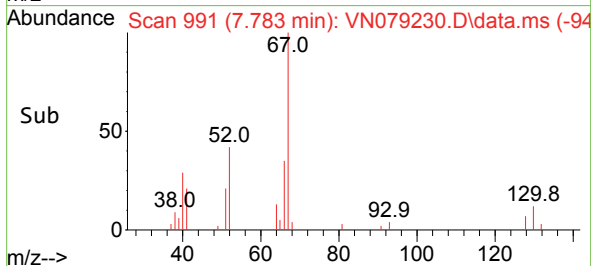


#41  
Methacrylonitrile  
Concen: 51.196 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. -0.011 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Instrument :  
MSVOA\_N  
ClientSampleId :

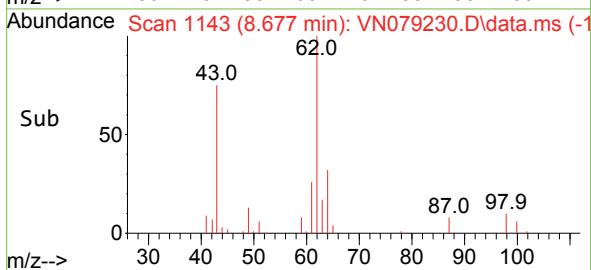
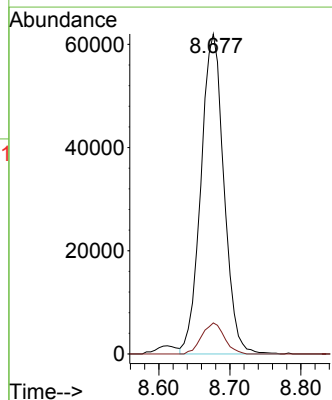
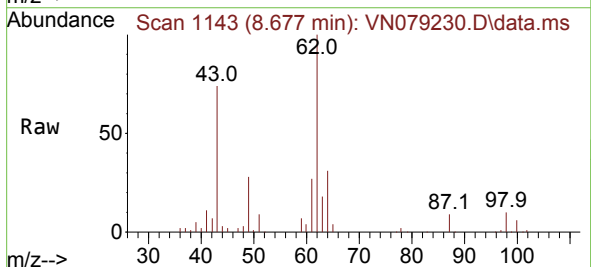


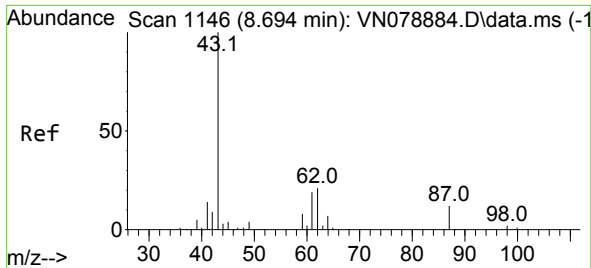
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 72929 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.4  | 42.6  | 64.0  |
| 67       | 77.3  | 77.5  | 116.3 |
| 52       | 30.9  | 28.9  | 43.3  |



#42  
1,2-Dichloroethane  
Concen: 46.772 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 139622 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.5   | 0.0   | 19.8   |

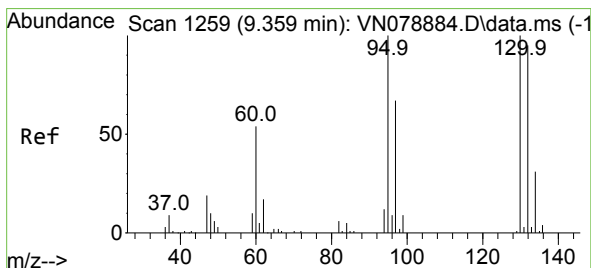
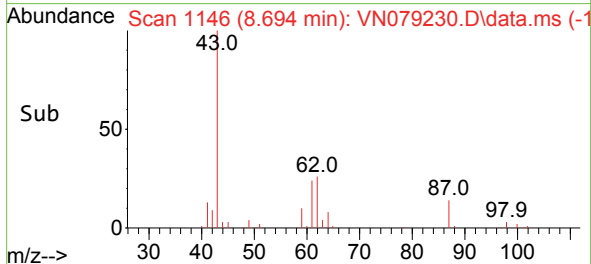
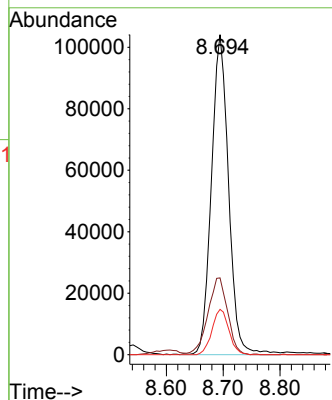
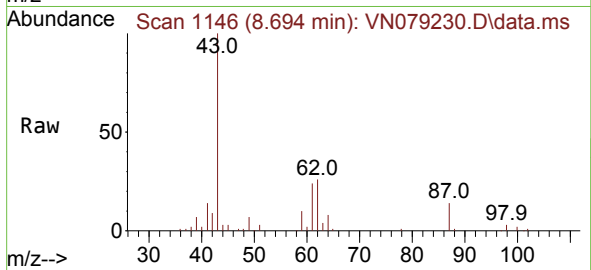




#43  
Isopropyl Acetate  
Concen: 47.296 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

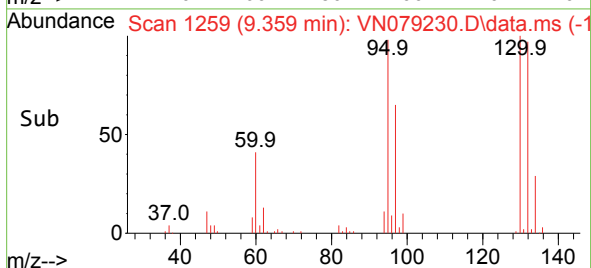
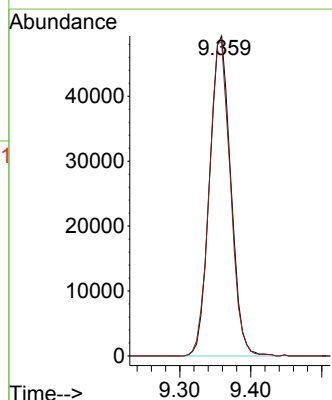
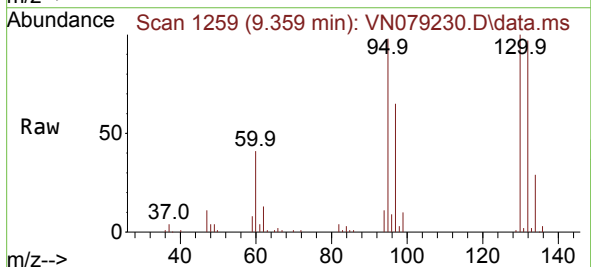
Instrument :  
MSVOA\_N  
ClientSampleId :

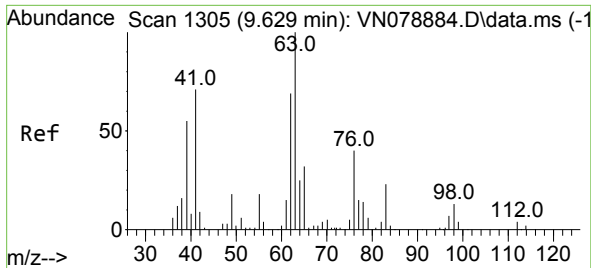
Tgt Ion: 43 Resp: 218034  
Ion Ratio Lower Upper  
43 100  
61 27.5 24.7 37.1  
87 13.9 14.6 21.8#



#44  
Trichloroethene  
Concen: 47.566 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion:130 Resp: 101605  
Ion Ratio Lower Upper  
130 100  
95 98.0 0.0 204.6

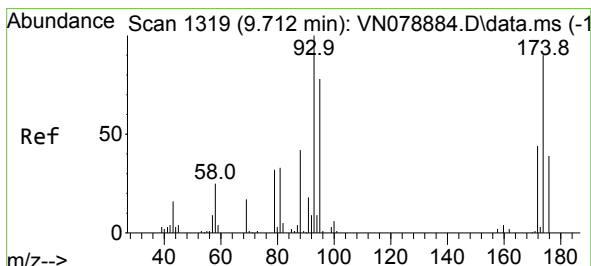
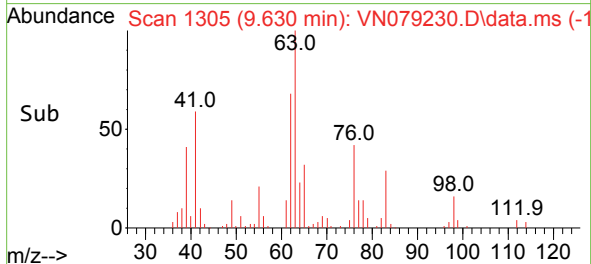
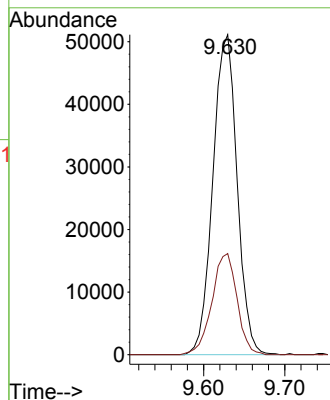
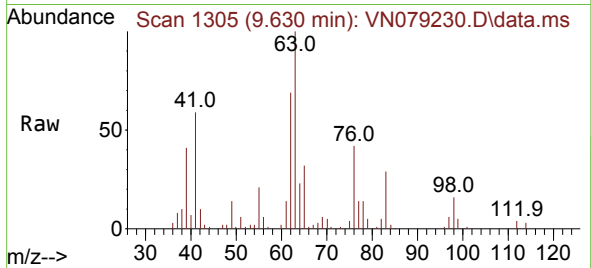




#45  
1,2-Dichloropropane  
Concen: 49.288 ug/l  
RT: 9.630 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

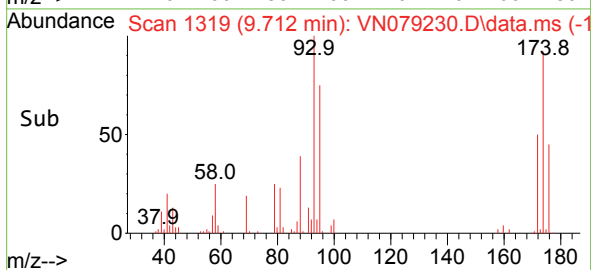
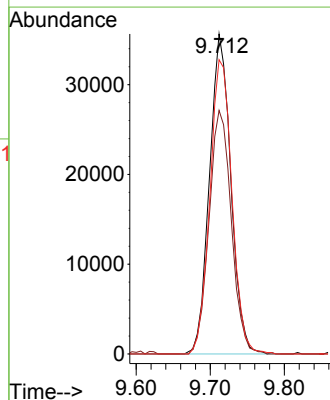
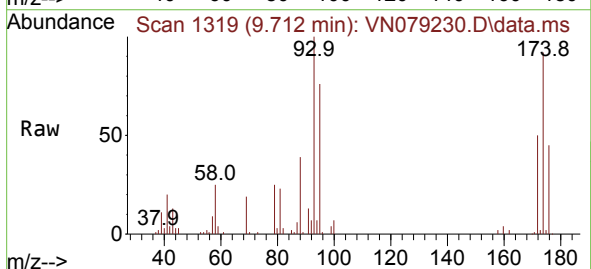
Instrument :  
MSVOA\_N  
ClientSampleId :

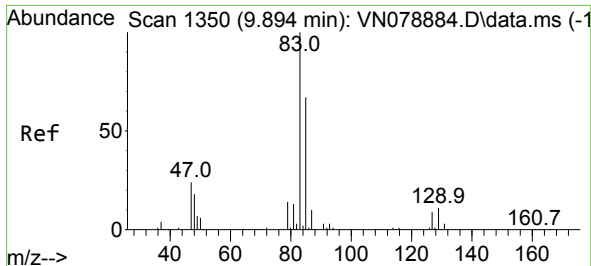
Tgt Ion: 63 Resp: 106067  
Ion Ratio Lower Upper  
63 100  
65 31.6 23.9 35.9



#46  
Dibromomethane  
Concen: 48.841 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 93 Resp: 71351  
Ion Ratio Lower Upper  
93 100  
95 79.6 63.8 95.8  
174 95.0 65.6 98.4

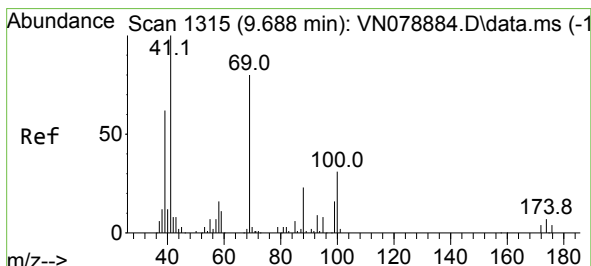
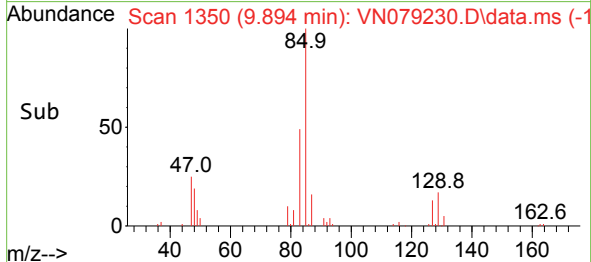
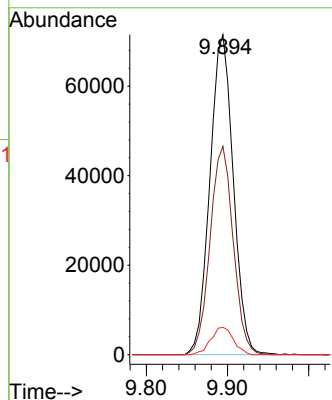
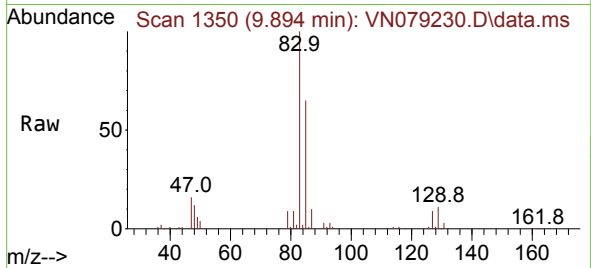




#47  
Bromodichloromethane  
Concen: 47.754 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

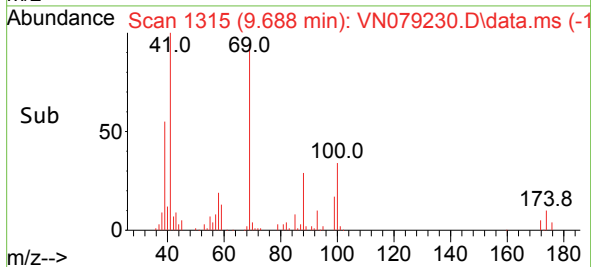
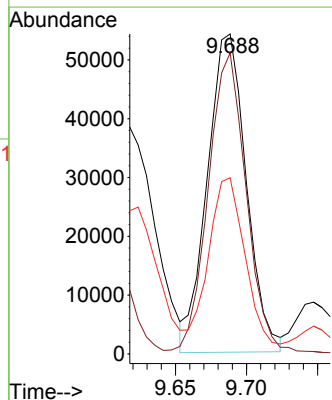
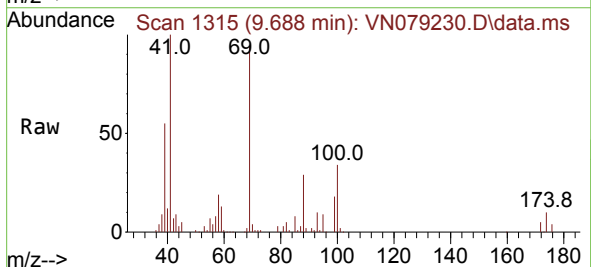
Instrument :  
MSVOA\_N  
ClientSampleId :

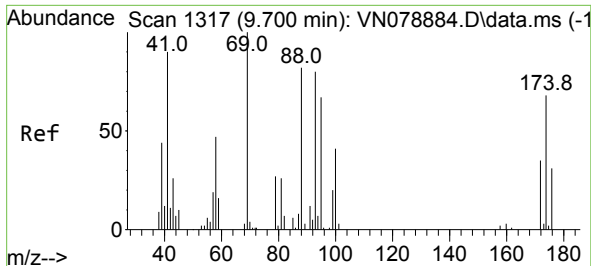
Tgt Ion: 83 Resp: 142891  
Ion Ratio Lower Upper  
83 100  
85 65.1 49.6 74.4  
127 8.6 7.0 10.6



#48  
Methyl methacrylate  
Concen: 50.004 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 41 Resp: 103253  
Ion Ratio Lower Upper  
41 100  
69 93.0 90.4 135.6  
39 54.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1036.022 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

ClientSampleId :

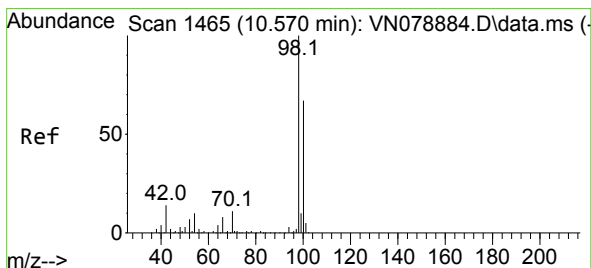
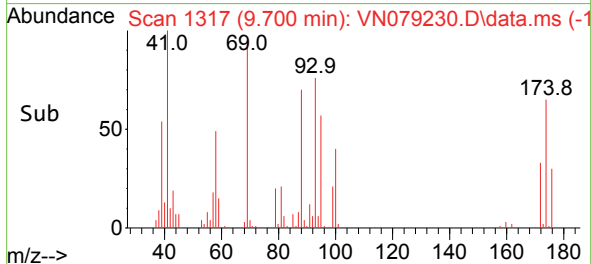
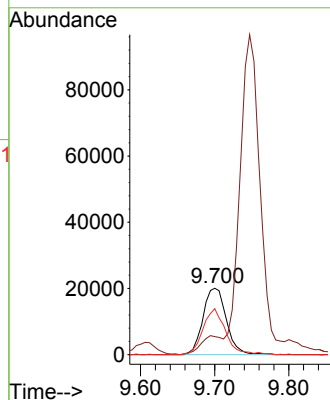
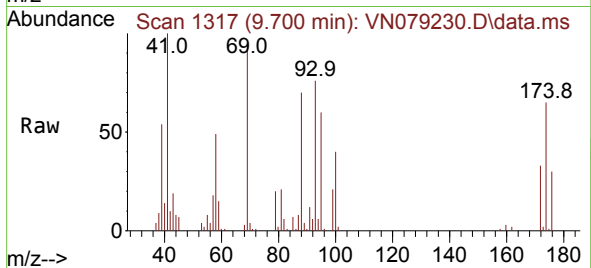
Tgt Ion: 88 Resp: 44001

Ion Ratio Lower Upper

88 100

43 26.8 17.0 25.6#

58 67.0 47.0 70.4



#50

Toluene-d8

Concen: 51.571 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079230.D

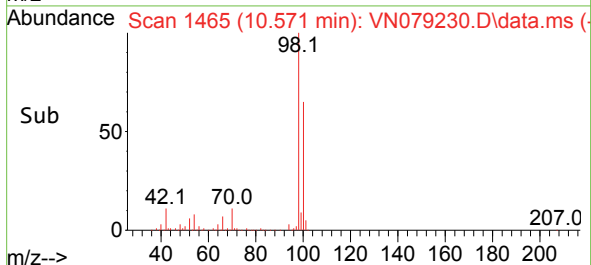
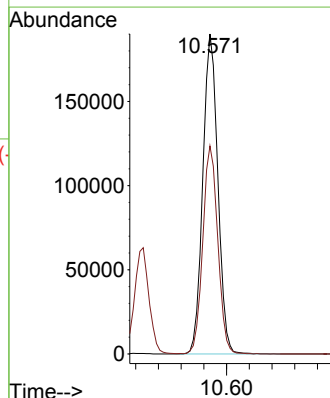
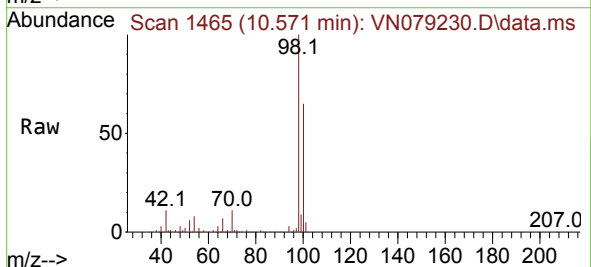
Acq: 11 Sep 2023 20:42

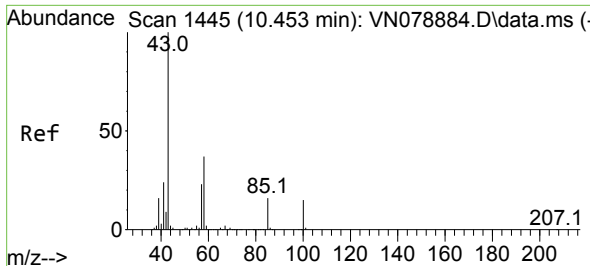
Tgt Ion: 98 Resp: 347987

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

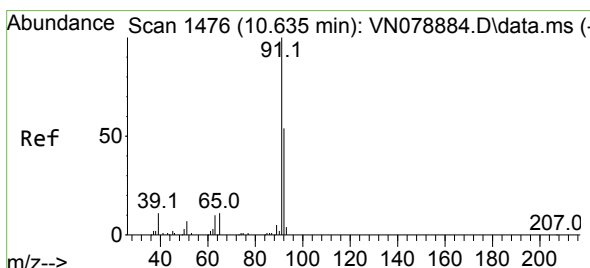
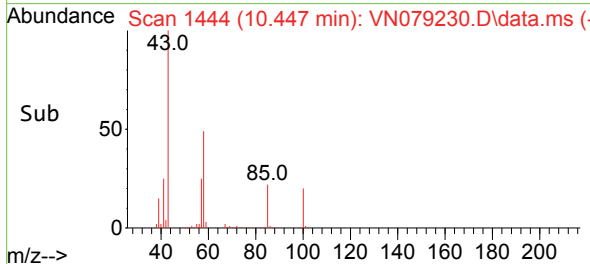
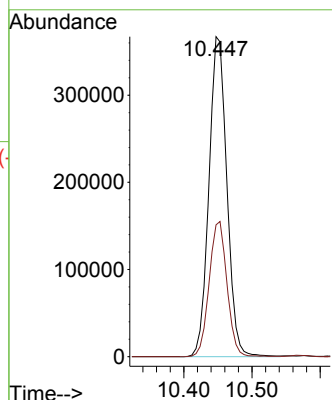
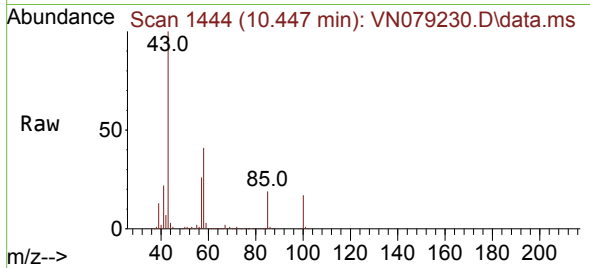




#51  
4-Methyl-2-Pentanone  
Concen: 251.641 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

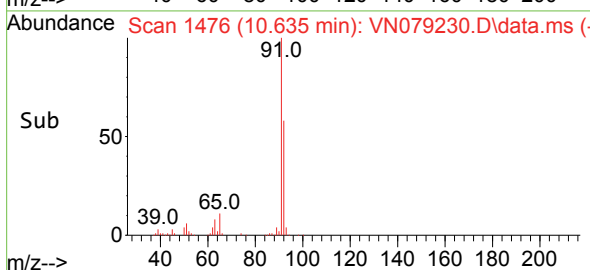
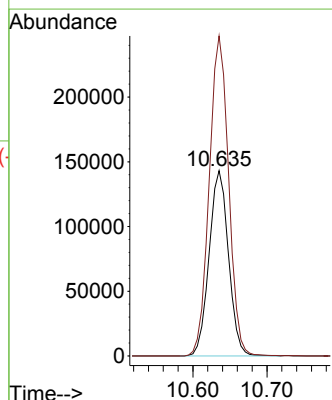
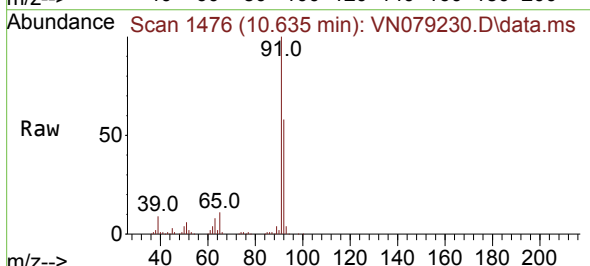
Instrument :  
MSVOA\_N  
ClientSampleId :

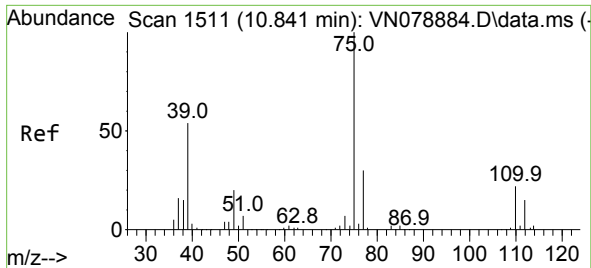
Tgt Ion: 43 Resp: 673403  
Ion Ratio Lower Upper  
43 100  
58 42.0 36.6 54.8



#52  
Toluene  
Concen: 48.825 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 92 Resp: 260186  
Ion Ratio Lower Upper  
92 100  
91 173.0 137.4 206.0

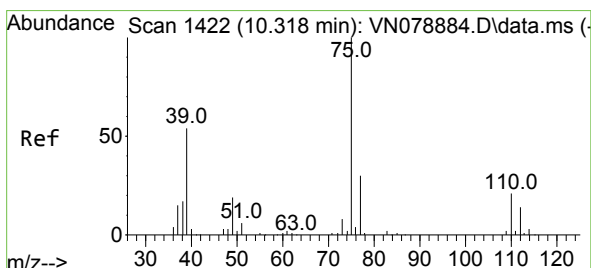
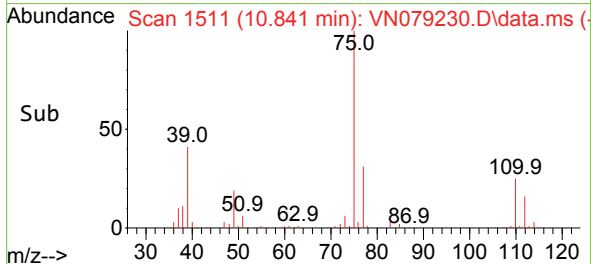
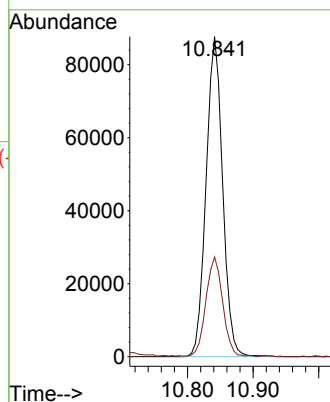
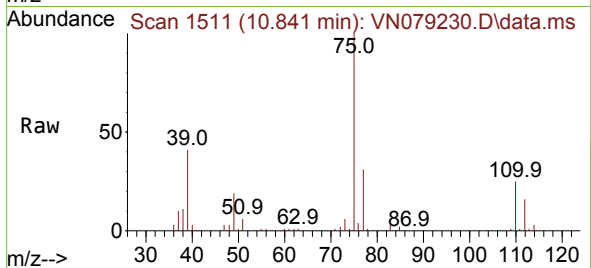




#53  
 t-1,3-Dichloropropene  
 Concen: 48.910 ug/l  
 RT: 10.841 min Scan# 1511  
 Delta R.T. 0.000 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

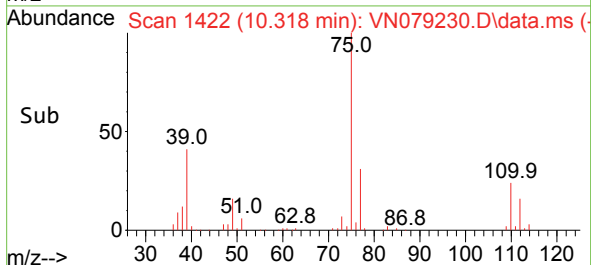
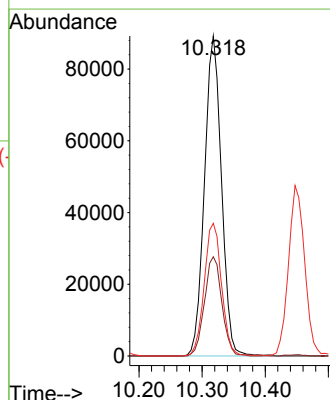
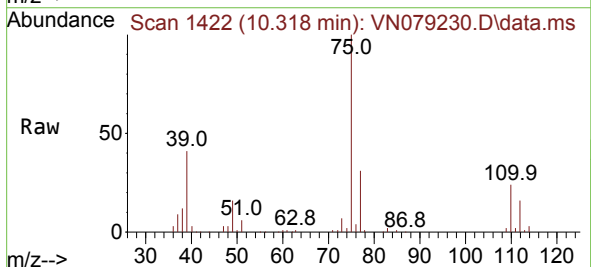
Instrument :  
 MSVOA\_N  
 ClientSampleId :

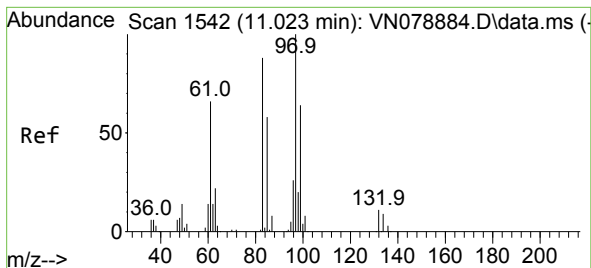
Tgt Ion: 75 Resp: 154314  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.493 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. -0.000 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

Tgt Ion: 75 Resp: 167017  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 26.1 39.1  
 39 41.4 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 47.981 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

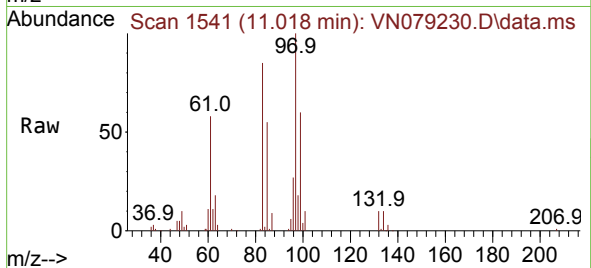
Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 100329

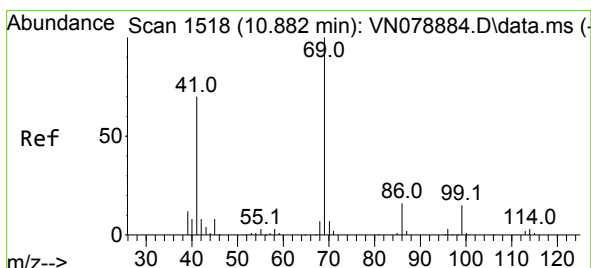
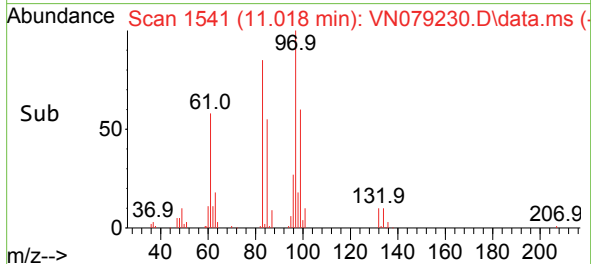
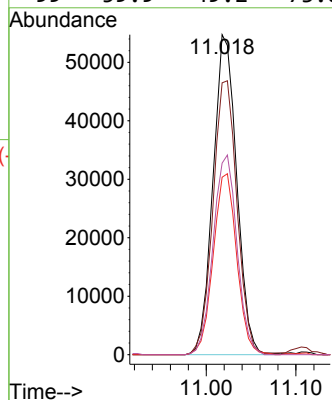
Ion Ratio Lower Upper

97 100

83 85.0 65.1 97.7

85 55.5 43.4 65.2

99 59.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 54.120 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.005 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

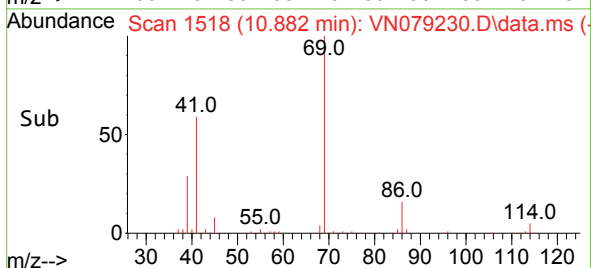
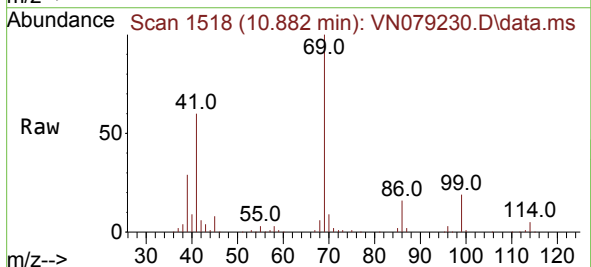
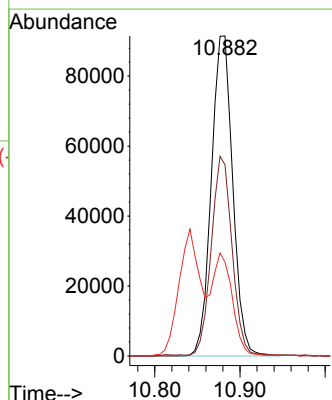
Tgt Ion: 69 Resp: 159745

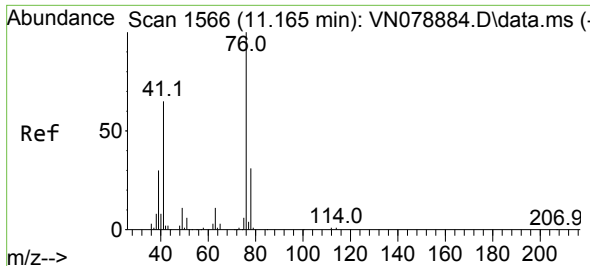
Ion Ratio Lower Upper

69 100

41 60.1 39.6 59.4#

39 30.4 28.6 43.0





#57

1,3-Dichloropropane

Concen: 48.824 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

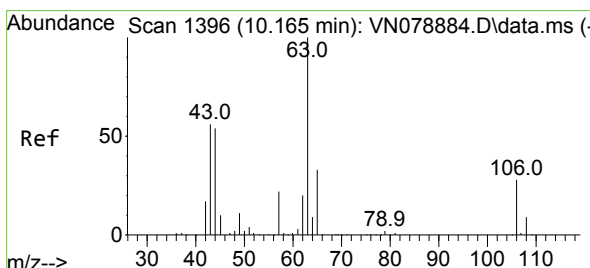
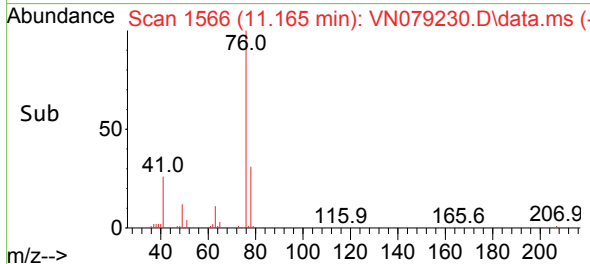
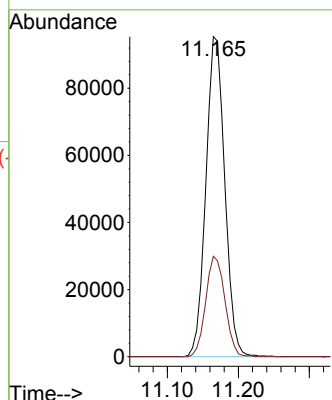
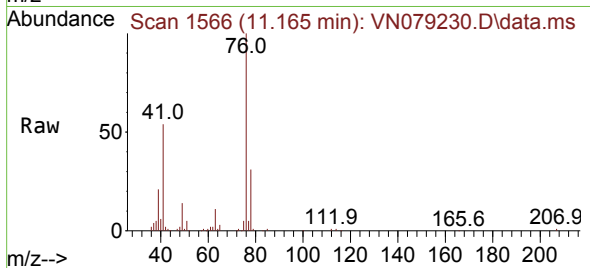
ClientSampleId :

Tgt Ion: 76 Resp: 176481

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 239.813 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079230.D

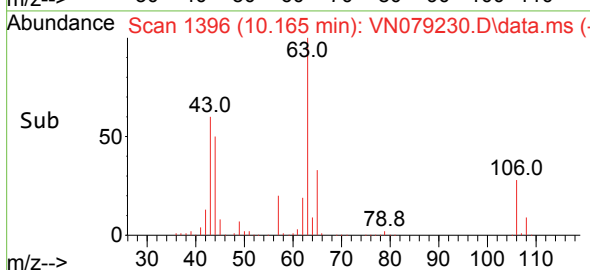
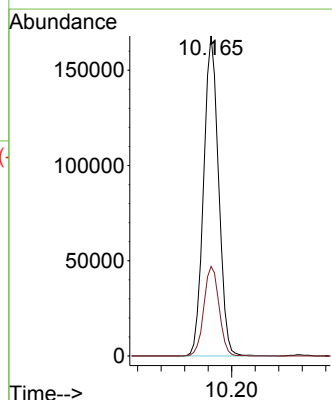
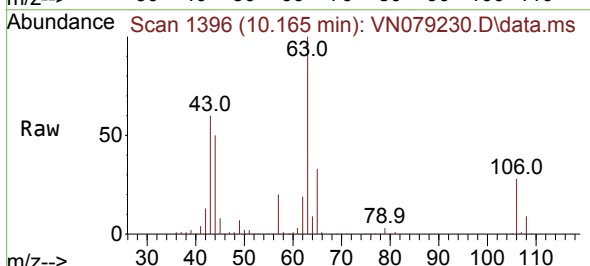
Acq: 11 Sep 2023 20:42

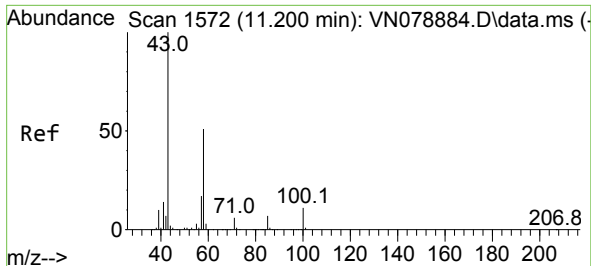
Tgt Ion: 63 Resp: 296250

Ion Ratio Lower Upper

63 100

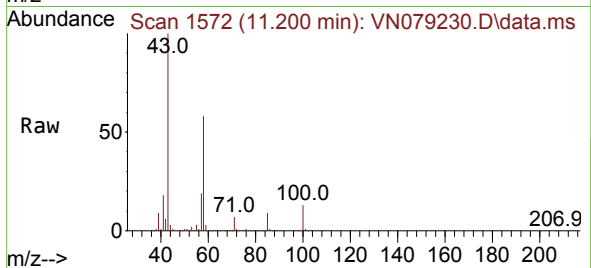
106 28.4 26.2 39.4



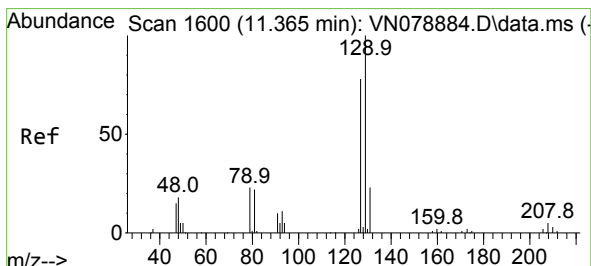
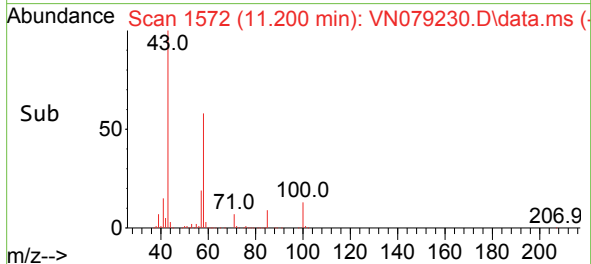
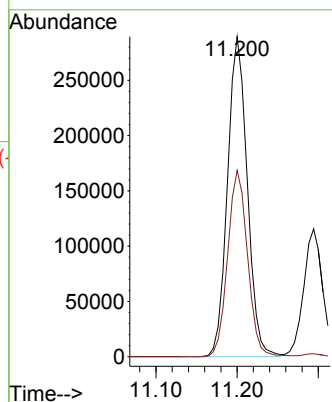


#59  
2-Hexanone  
Concen: 252.571 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Instrument :  
MSVOA\_N  
ClientSampleId :

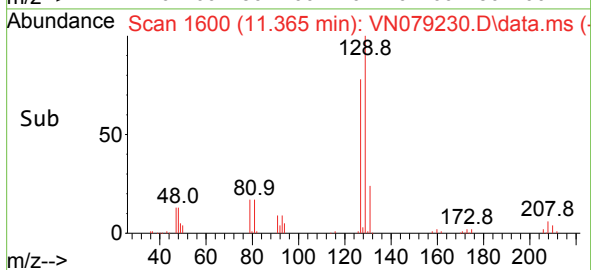
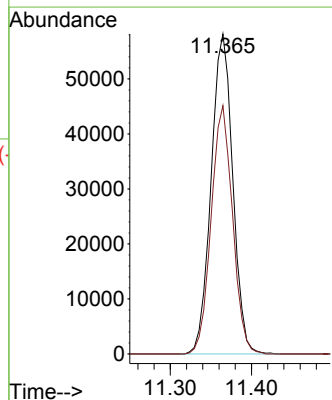
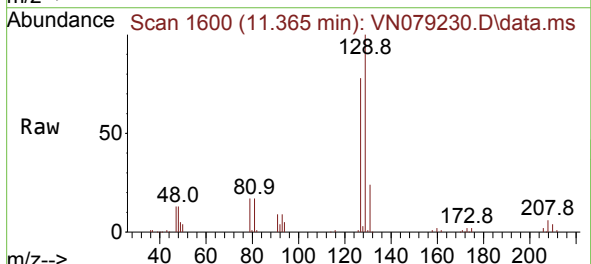


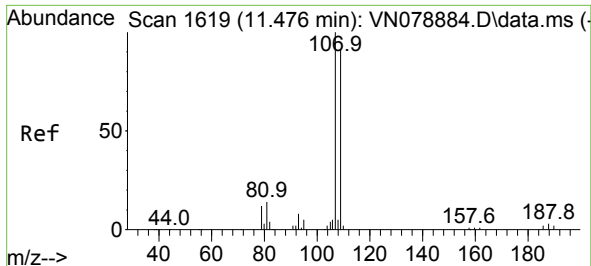
Tgt Ion: 43 Resp: 489542  
Ion Ratio Lower Upper  
43 100  
58 58.5 31.7 95.1



#60  
Dibromochloromethane  
Concen: 48.358 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion:129 Resp: 107614  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.6 116.0

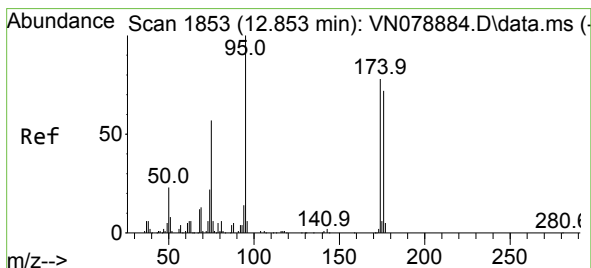
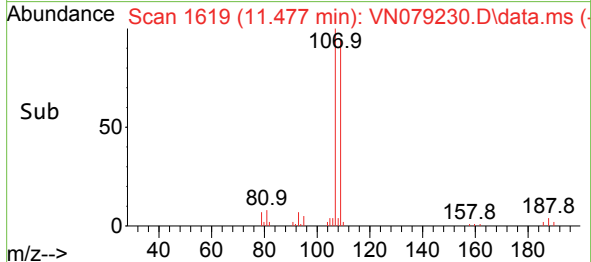
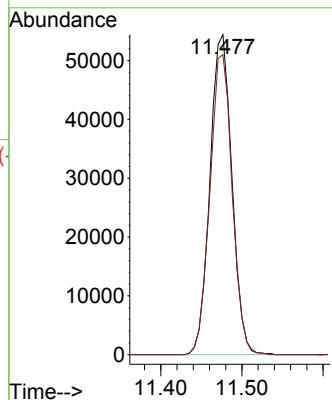
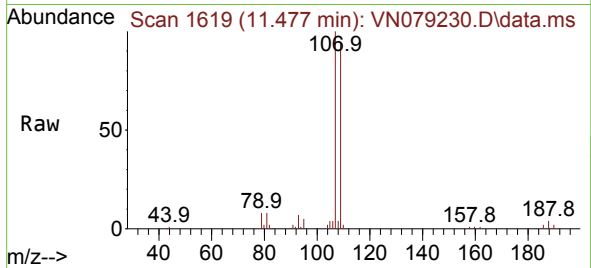




#61  
1,2-Dibromoethane  
Concen: 48.940 ug/l  
RT: 11.477 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

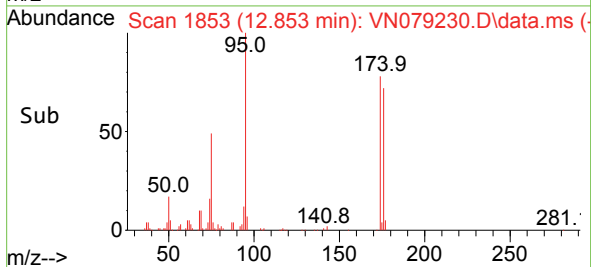
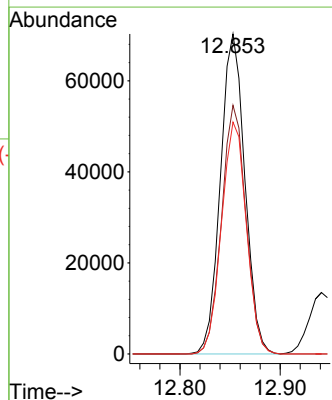
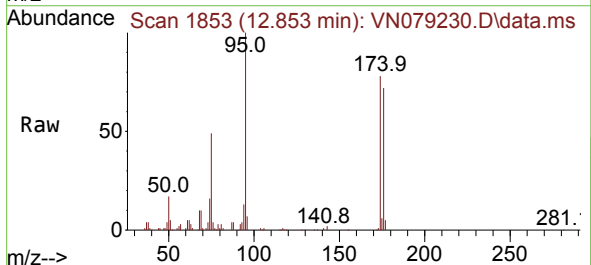
Instrument :  
MSVOA\_N  
ClientSampleId :

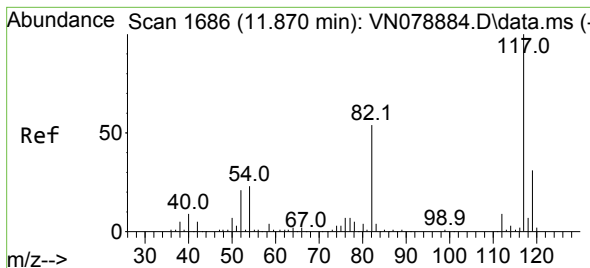
Tgt Ion:107 Resp: 102124  
Ion Ratio Lower Upper  
107 100  
109 95.2 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 55.161 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 95 Resp: 118727  
Ion Ratio Lower Upper  
95 100  
174 77.5 0.0 143.8  
176 73.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

ClientSampleId :

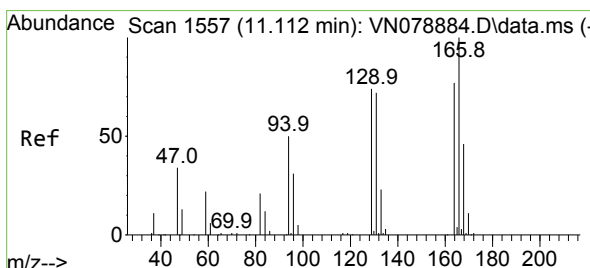
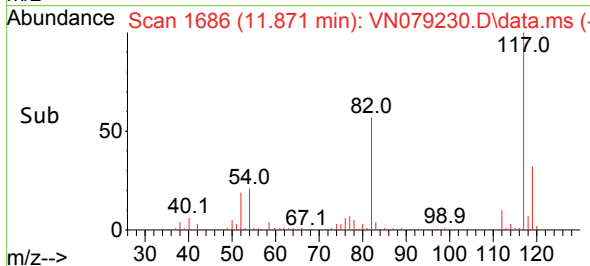
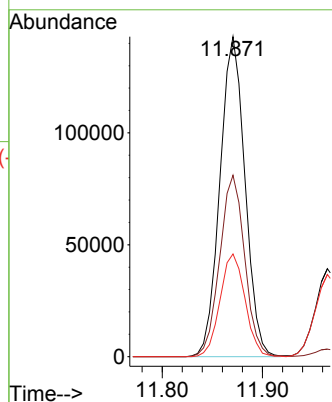
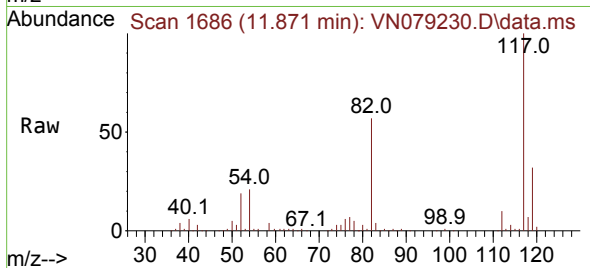
Tgt Ion:117 Resp: 248167

Ion Ratio Lower Upper

117 100

82 56.7 44.0 66.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 46.992 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Tgt Ion:164 Resp: 85035

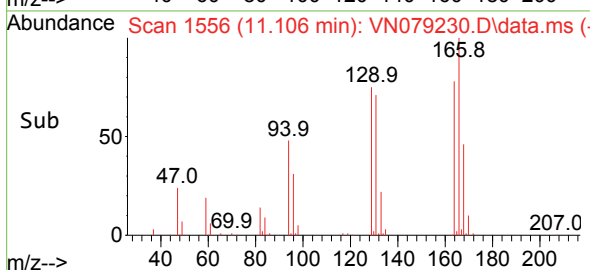
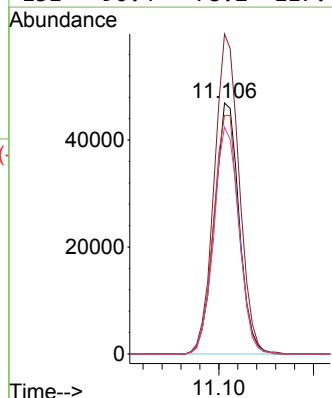
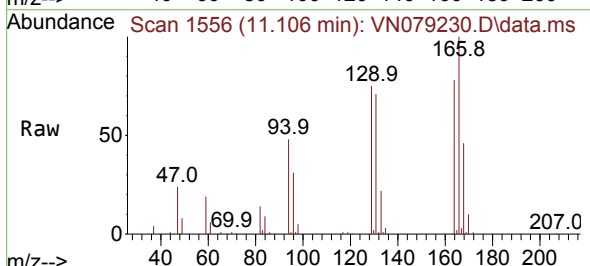
Ion Ratio Lower Upper

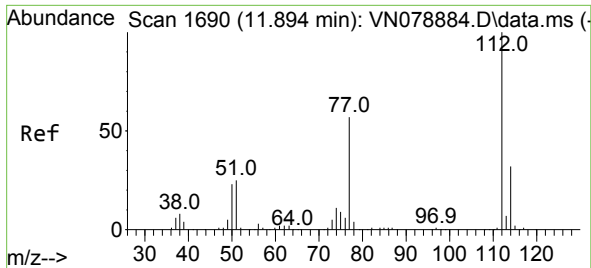
164 100

166 127.5 101.4 152.0

129 95.0 82.4 123.6

131 90.4 78.2 117.4

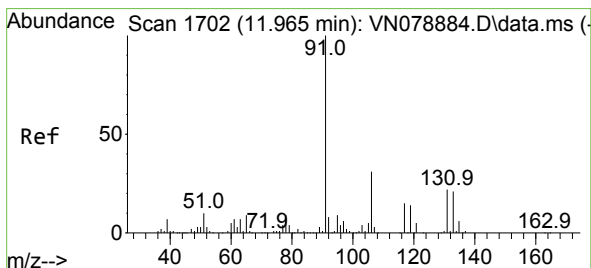
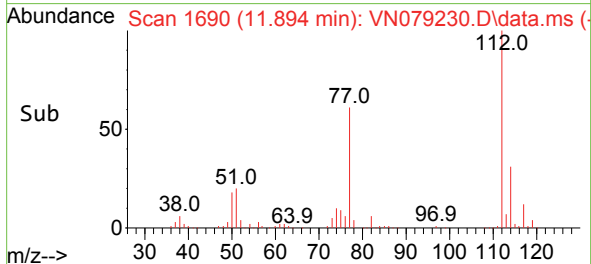
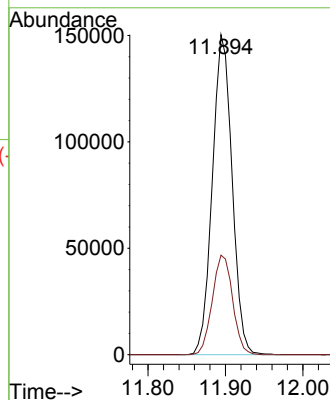
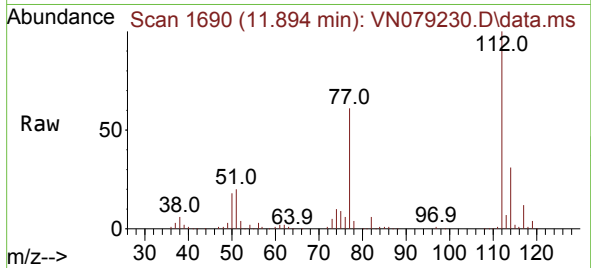




#65  
Chlorobenzene  
Concen: 47.305 ug/l  
RT: 11.894 min Scan# 1112  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

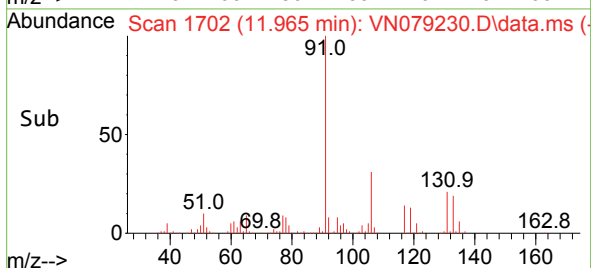
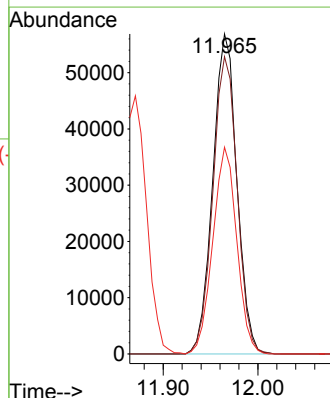
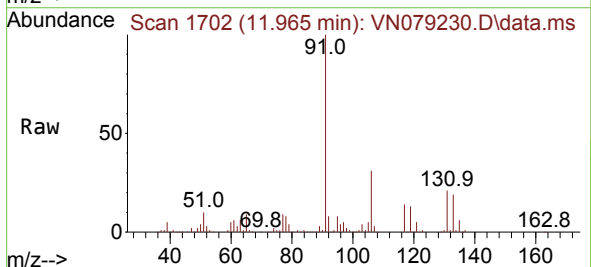
Instrument :  
MSVOA\_N  
ClientSampleId :

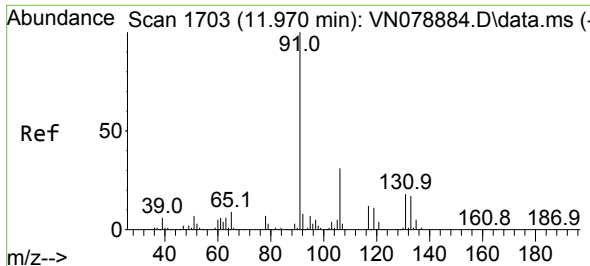
Tgt Ion:112 Resp: 265946  
Ion Ratio Lower Upper  
112 100  
114 31.1 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.690 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion:131 Resp: 100538  
Ion Ratio Lower Upper  
131 100  
133 93.8 46.4 139.1  
119 64.3 34.1 102.2

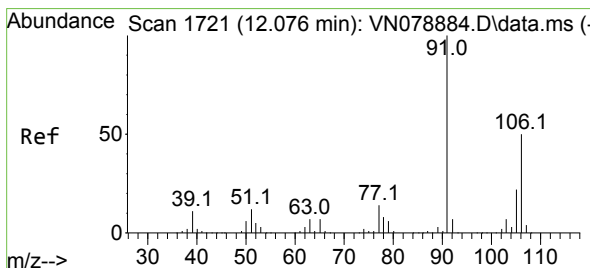
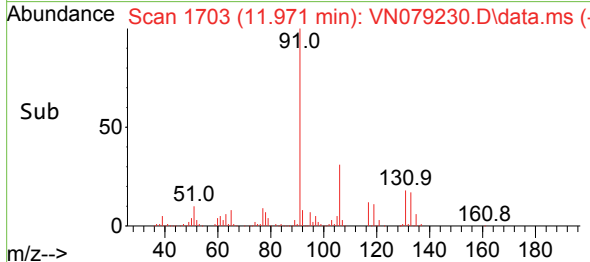
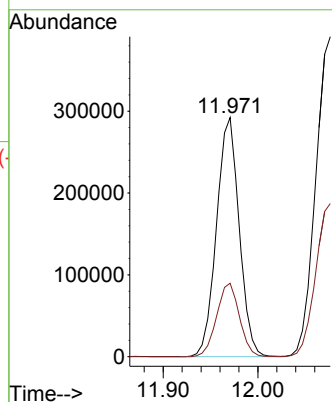
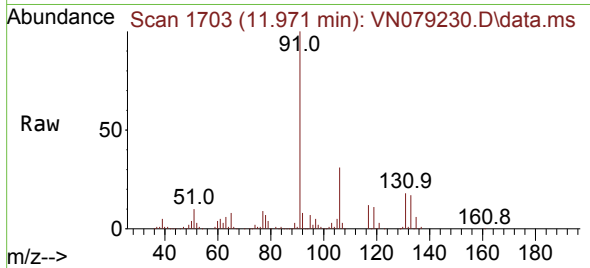




#67  
Ethyl Benzene  
Concen: 50.495 ug/l  
RT: 11.971 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

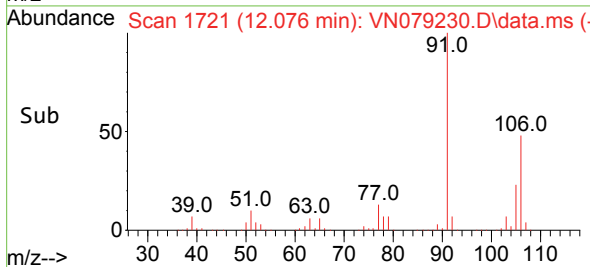
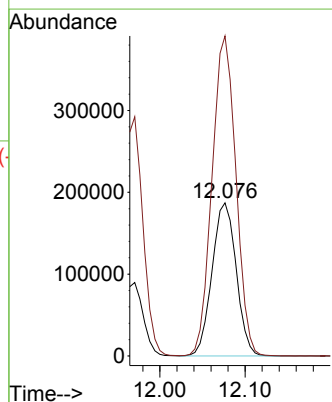
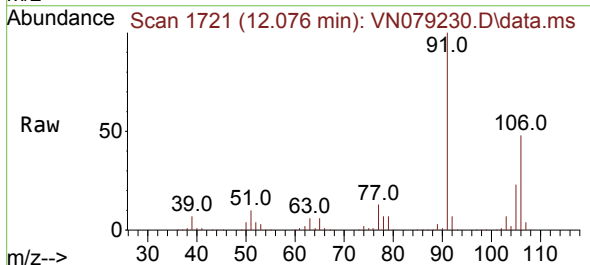
Instrument :  
MSVOA\_N  
ClientSampleId :

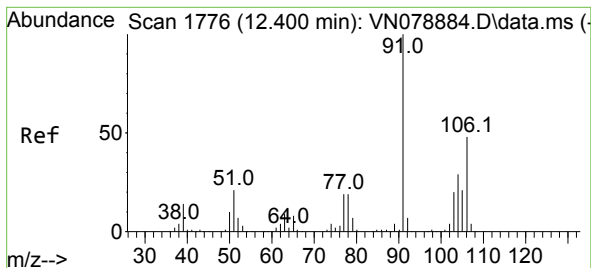
Tgt Ion: 91 Resp: 485571  
Ion Ratio Lower Upper  
91 100  
106 30.7 25.6 38.4



#68  
m/p-Xylenes  
Concen: 102.839 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion:106 Resp: 368606  
Ion Ratio Lower Upper  
106 100  
91 206.8 159.6 239.4





#69

o-Xylene

Concen: 52.430 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

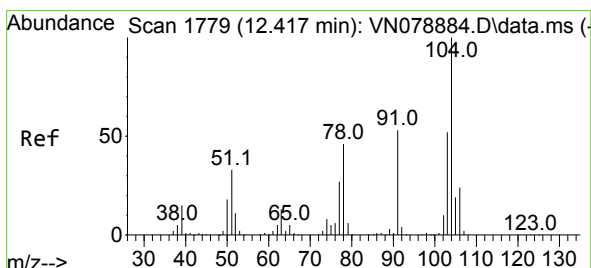
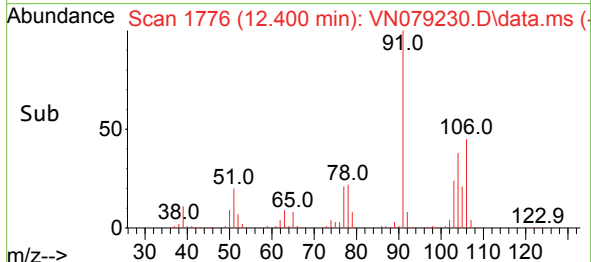
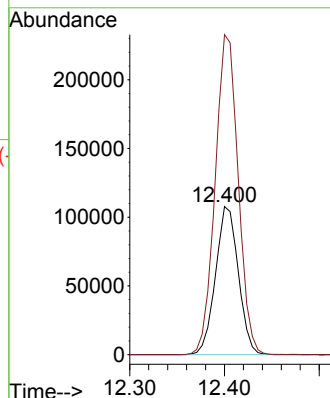
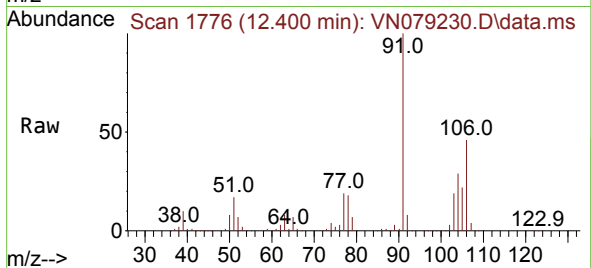
ClientSampleId :

Tgt Ion:106 Resp: 180234

Ion Ratio Lower Upper

106 100

91 218.3 105.2 315.5



#70

Styrene

Concen: 53.995 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

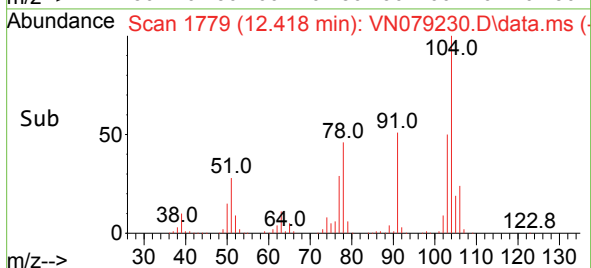
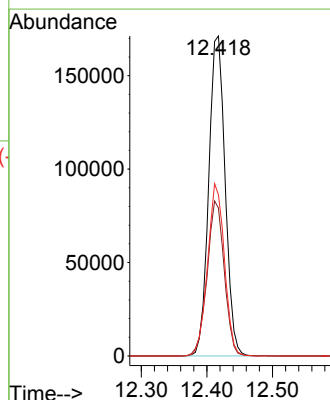
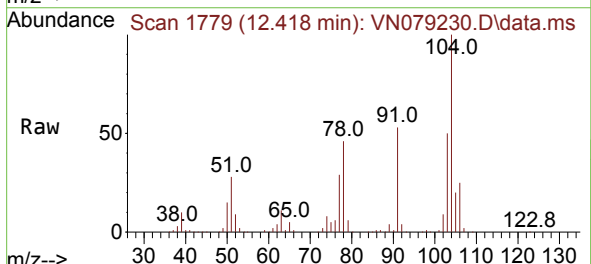
Tgt Ion:104 Resp: 298524

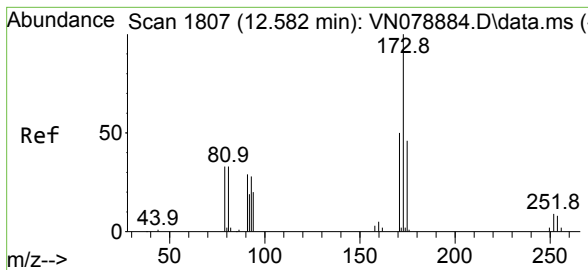
Ion Ratio Lower Upper

104 100

78 50.5 39.5 59.3

103 55.4 43.2 64.8

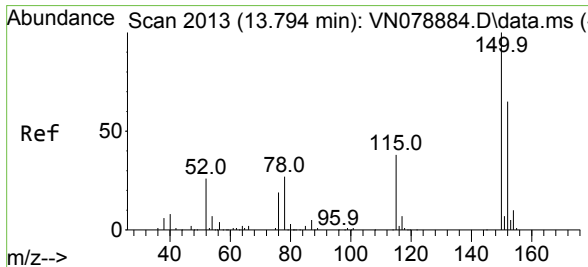
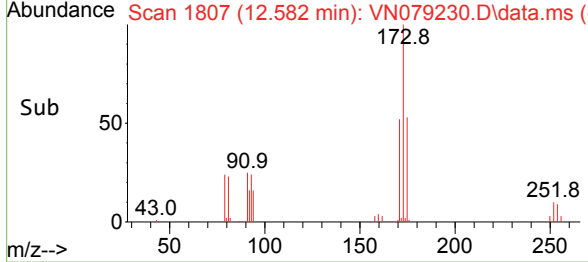
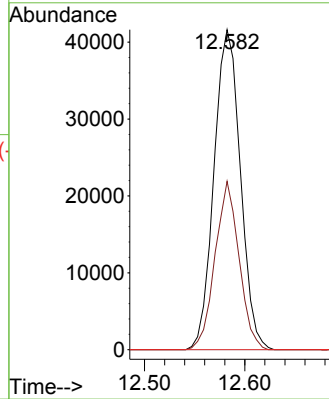
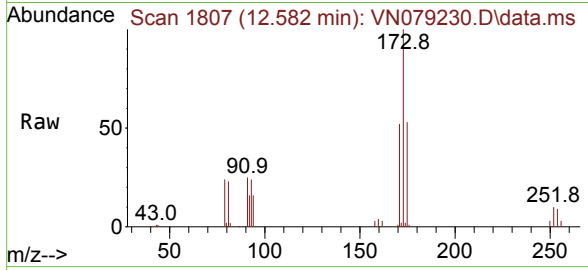




#71  
Bromoform  
Concen: 48.838 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

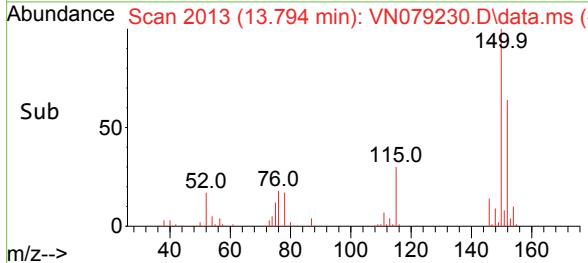
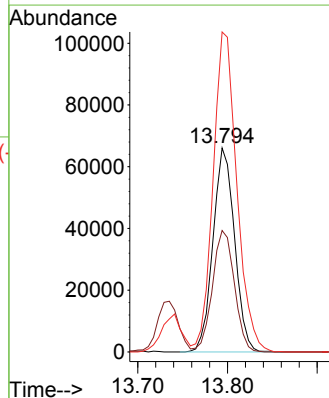
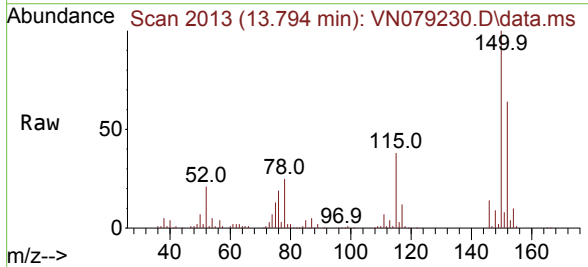
Instrument :  
MSVOA\_N  
ClientSampleId :

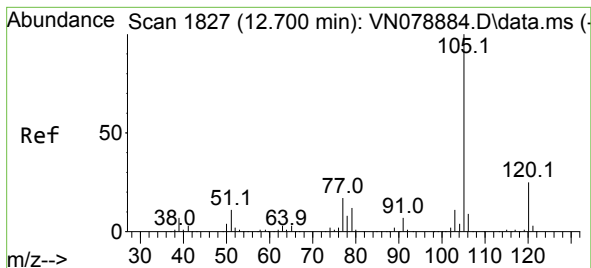
Tgt Ion:173 Resp: 76008  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.3 73.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion:152 Resp: 110264  
Ion Ratio Lower Upper  
152 100  
115 60.7 32.3 96.8  
150 172.6 0.0 355.8





#73

Isopropylbenzene

Concen: 45.785 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

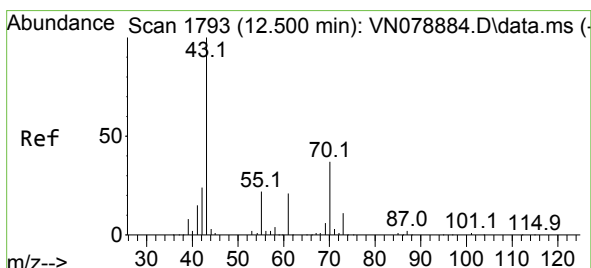
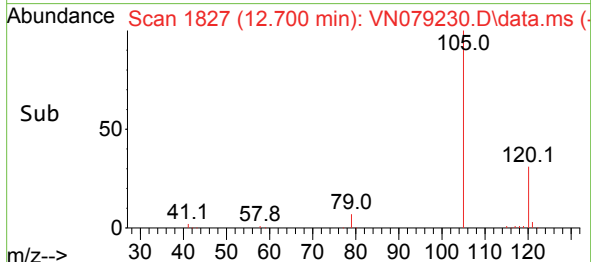
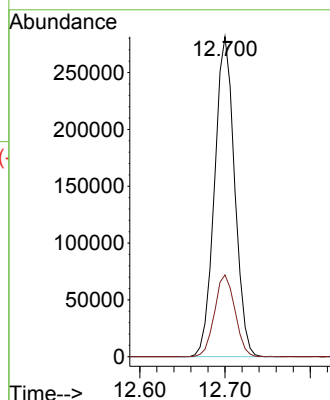
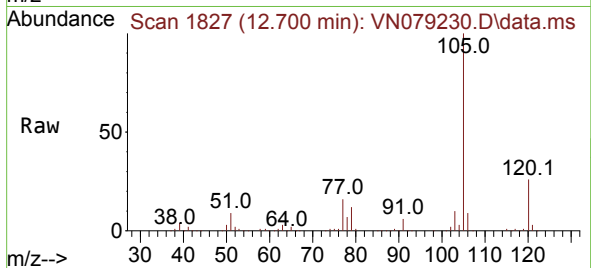
ClientSampleId :

Tgt Ion:105 Resp: 459316

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



#74

N-ethyl acetate

Concen: 46.397 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Tgt Ion: 43 Resp: 176590

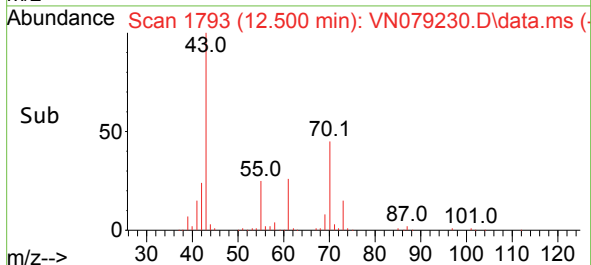
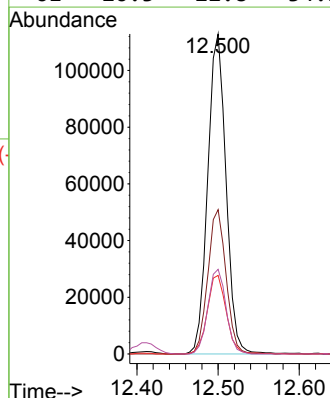
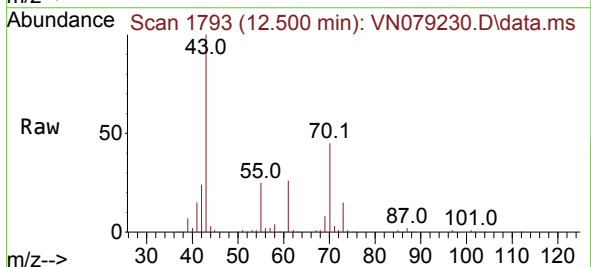
Ion Ratio Lower Upper

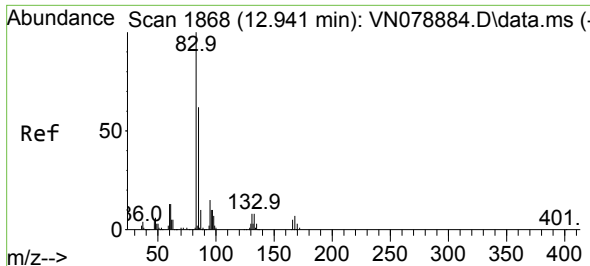
43 100

70 45.1 43.4 65.2

55 25.6 21.4 32.0

61 26.3 22.8 34.2

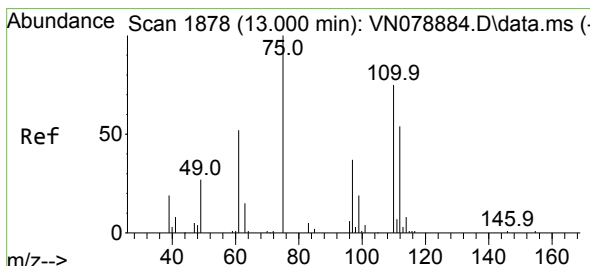
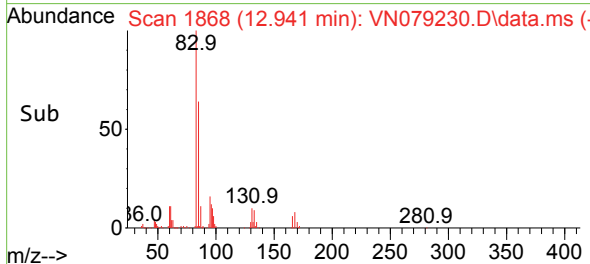
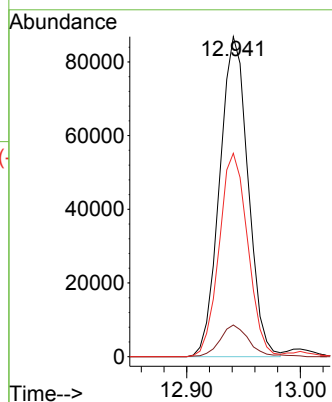
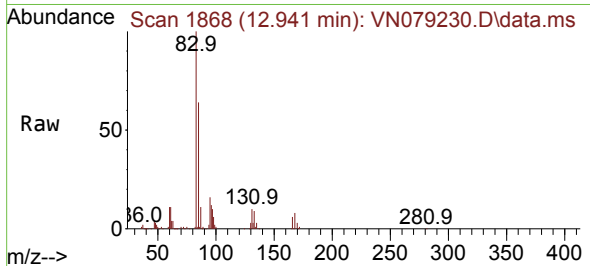




#75  
1,1,2,2-Tetrachloroethane  
Concen: 40.448 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

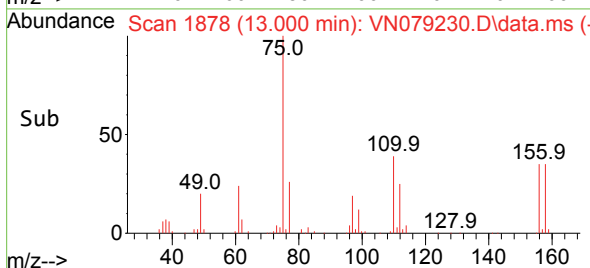
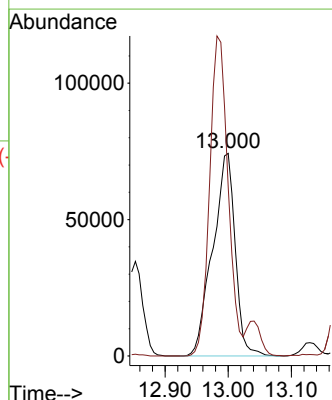
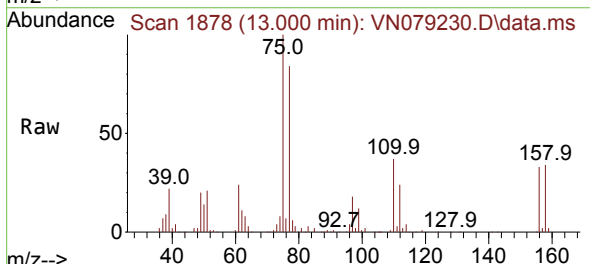
Instrument :  
MSVOA\_N  
ClientSampleId :

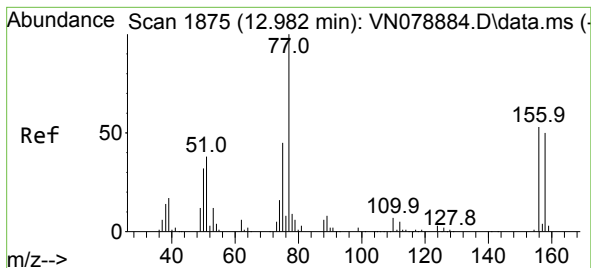
Tgt Ion: 83 Resp: 151101  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.0 15.0  
85 63.9 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 61.851 ug/l  
RT: 13.000 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 75 Resp: 183807  
Ion Ratio Lower Upper  
75 100  
77 129.4 84.5 253.5





#77

Bromobenzene

Concen: 43.016 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

ClientSampleId :

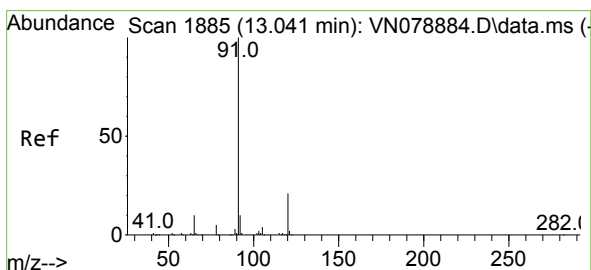
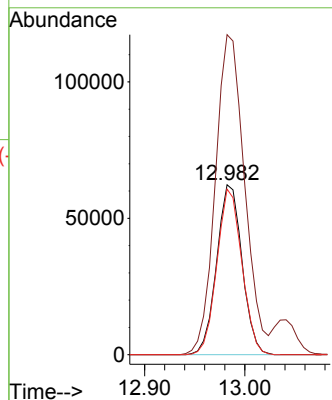
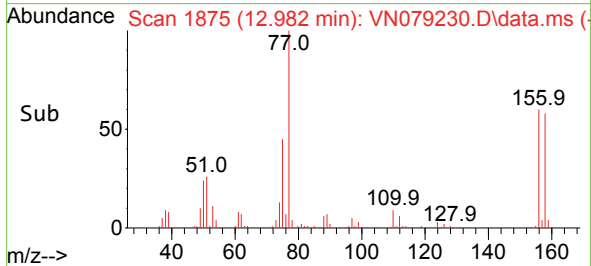
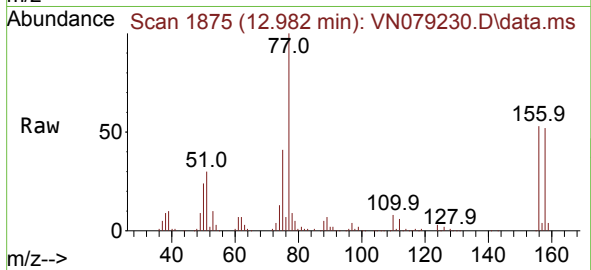
Tgt Ion:156 Resp: 109271

Ion Ratio Lower Upper

156 100

77 217.6 107.7 323.3

158 95.9 48.4 145.3



#78

n-propylbenzene

Concen: 47.255 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079230.D

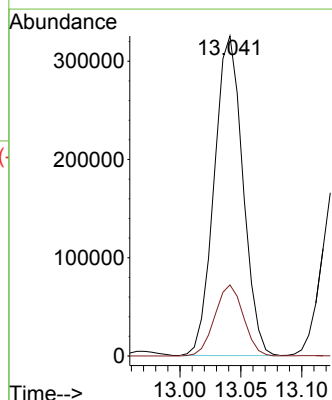
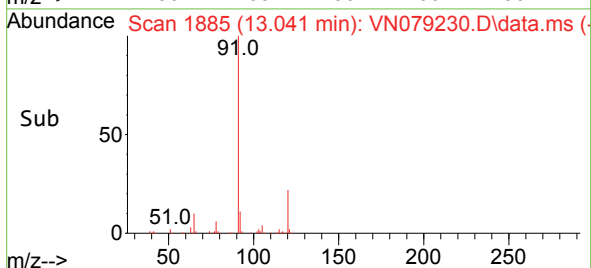
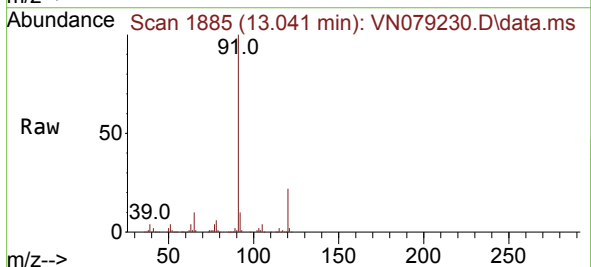
Acq: 11 Sep 2023 20:42

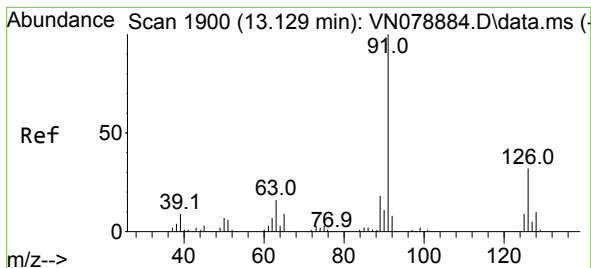
Tgt Ion: 91 Resp: 532537

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4

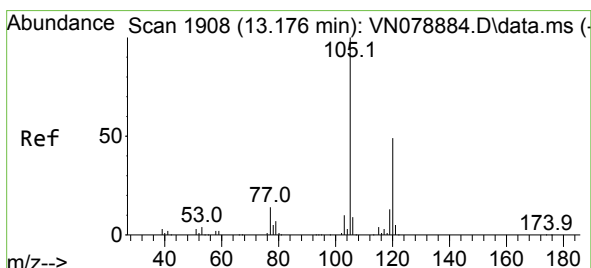
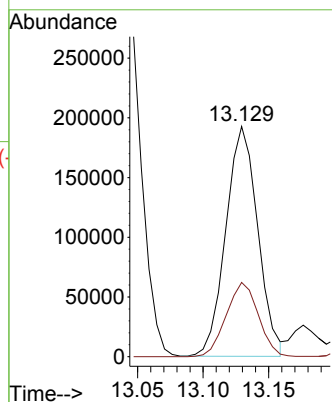
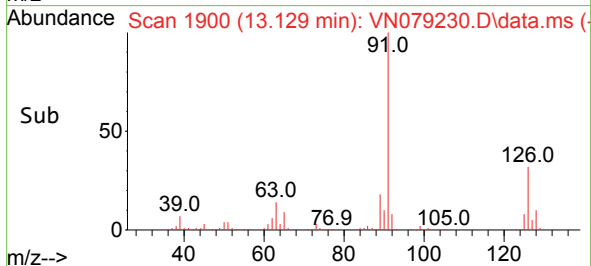
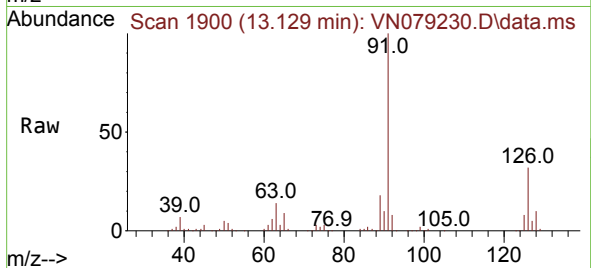




#79  
2-Chlorotoluene  
Concen: 44.240 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

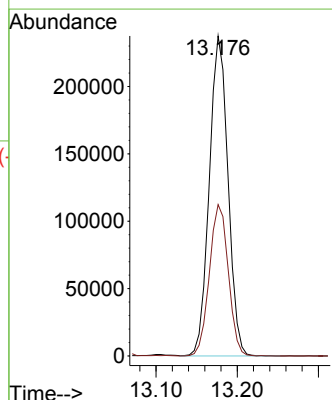
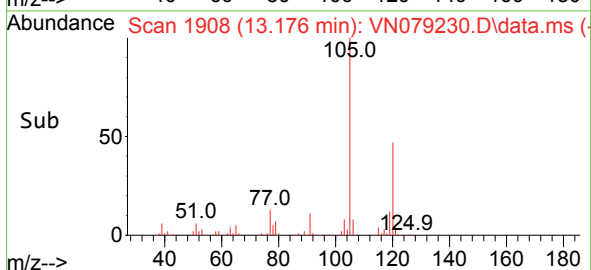
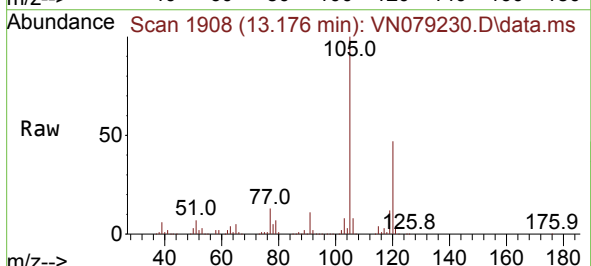
Instrument :  
MSVOA\_N  
ClientSampleId :

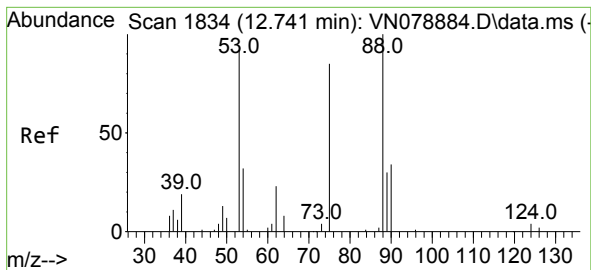
Tgt Ion: 91 Resp: 326086  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 45.394 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion:105 Resp: 379459  
Ion Ratio Lower Upper  
105 100  
120 47.8 24.1 72.3

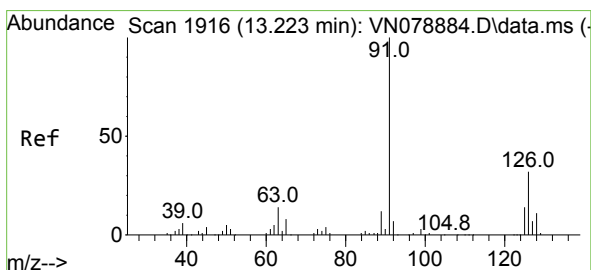
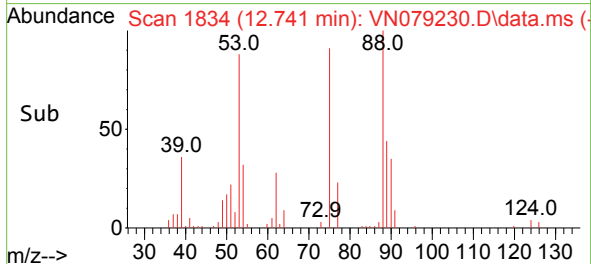
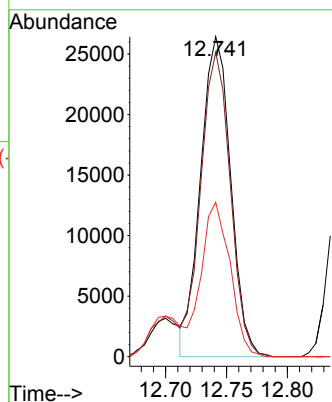
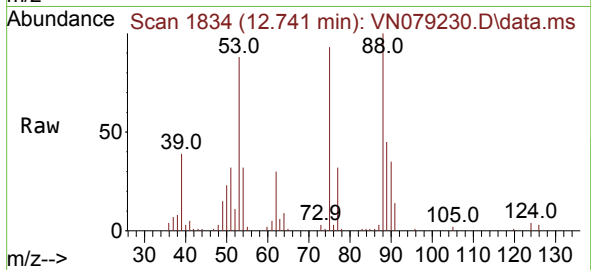




#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.149 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

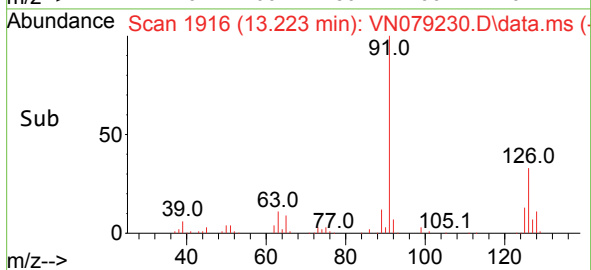
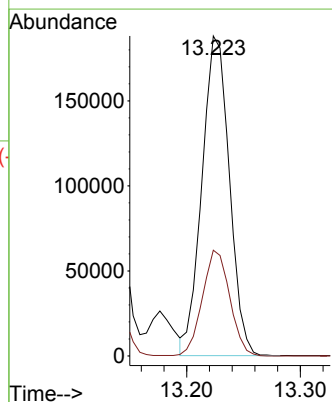
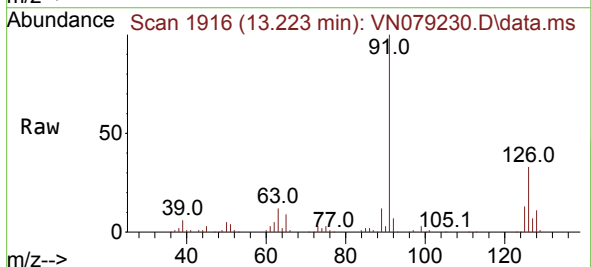
Instrument :  
MSVOA\_N  
ClientSampleId :

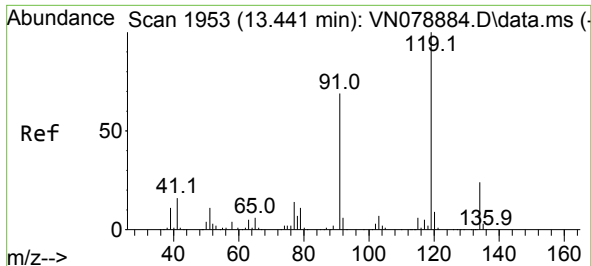
Tgt Ion: 75 Resp: 45561  
Ion Ratio Lower Upper  
75 100  
53 93.8 67.4 101.2  
89 45.6 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 45.476 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion: 91 Resp: 314963  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.7 50.0

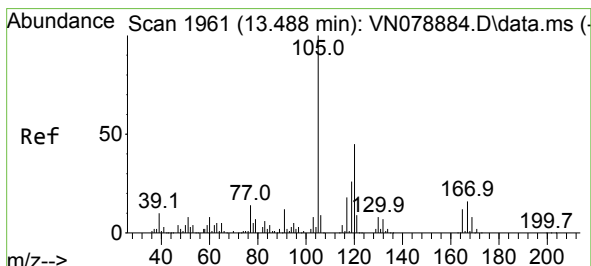
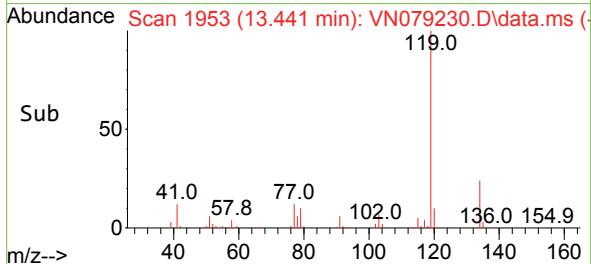
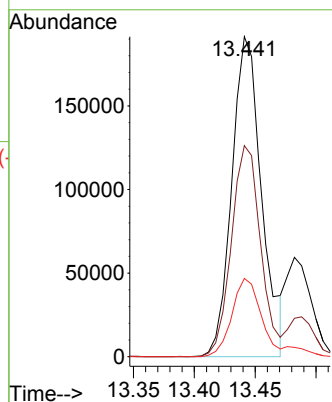
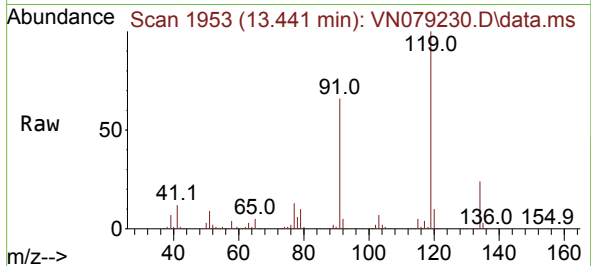




#83  
 tert-Butylbenzene  
 Concen: 47.099 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. 0.000 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

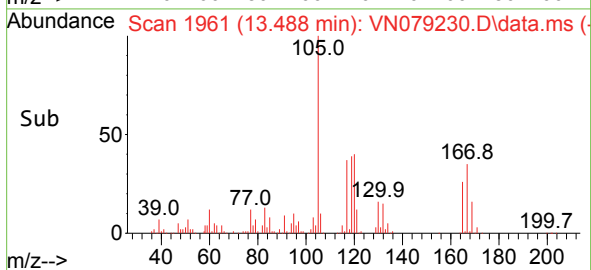
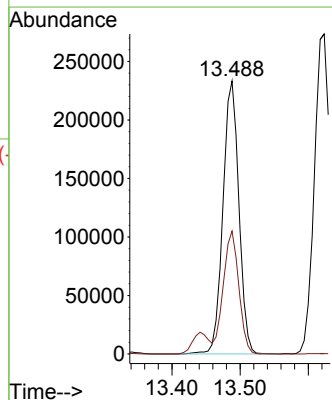
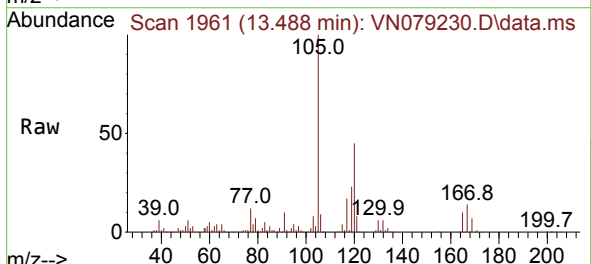
Instrument :  
 MSVOA\_N  
 ClientSampleId :

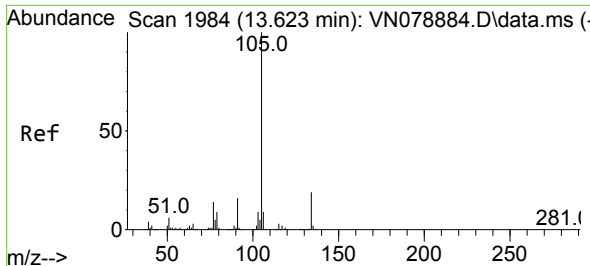
Tgt Ion:119 Resp: 325702  
 Ion Ratio Lower Upper  
 119 100  
 91 64.9 33.9 101.7  
 134 26.2 13.2 39.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 47.621 ug/l  
 RT: 13.488 min Scan# 1961  
 Delta R.T. 0.000 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

Tgt Ion:105 Resp: 379108  
 Ion Ratio Lower Upper  
 105 100  
 120 44.1 22.0 66.0

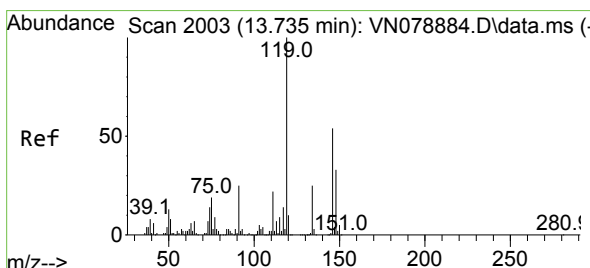
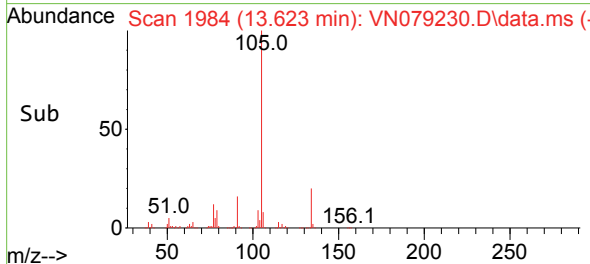
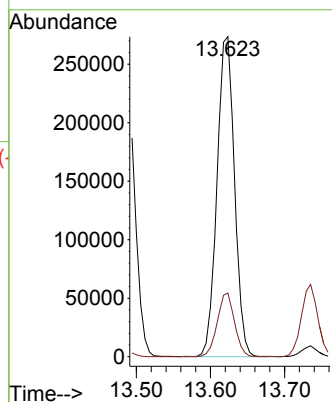
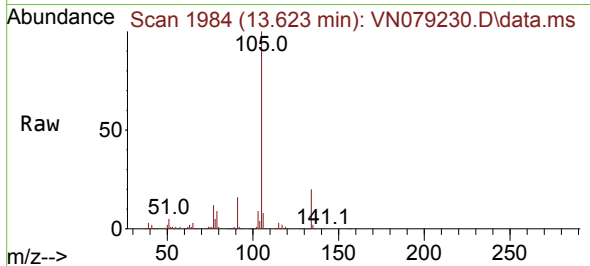




#85  
 sec-Butylbenzene  
 Concen: 47.180 ug/l  
 RT: 13.623 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

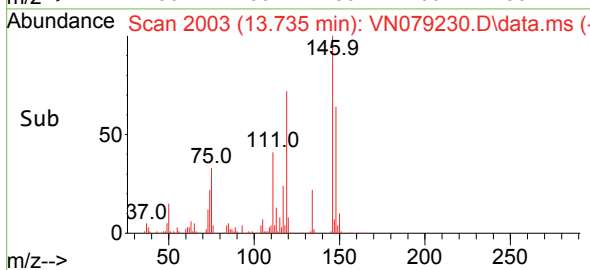
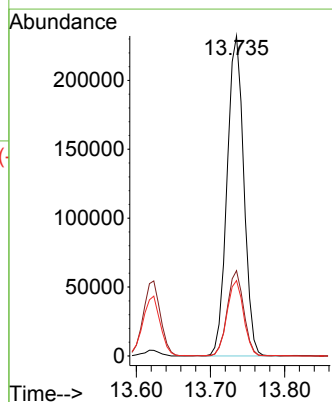
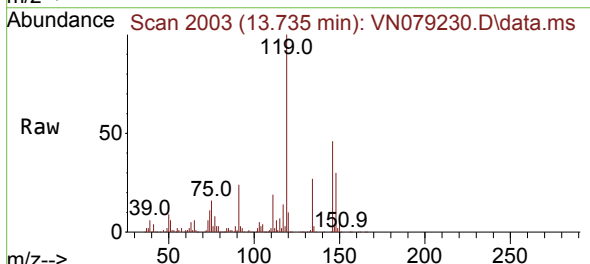
Instrument :  
 MSVOA\_N  
 ClientSampleId :

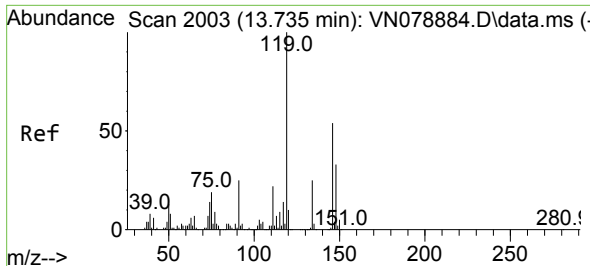
Tgt Ion:105 Resp: 449166  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 47.903 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

Tgt Ion:119 Resp: 364345  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.6 37.8  
 91 23.3 12.4 37.2

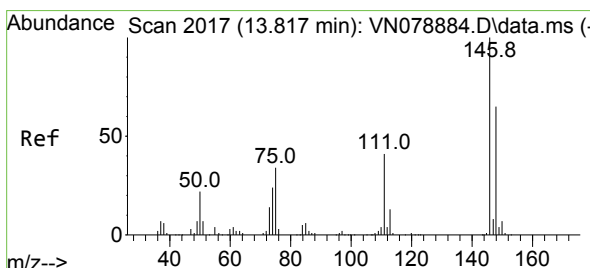
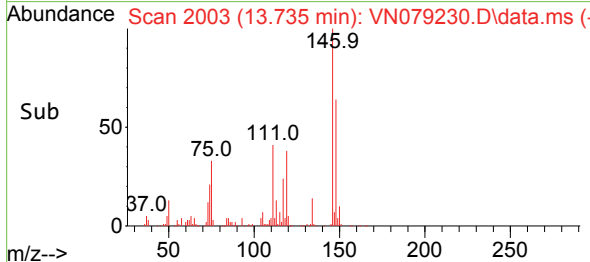
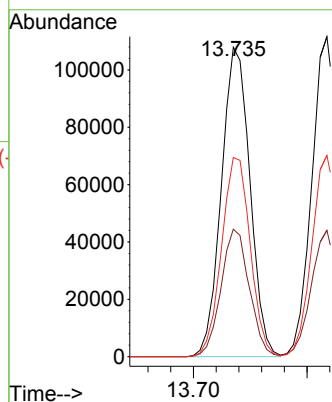
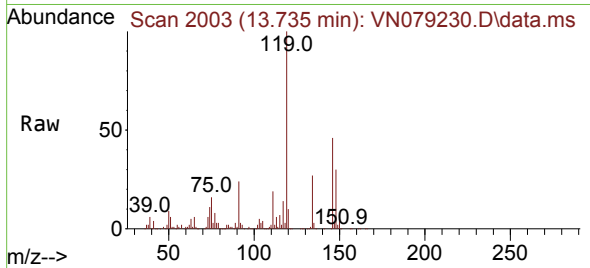




#87  
1,3-Dichlorobenzene  
Concen: 45.285 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.006 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

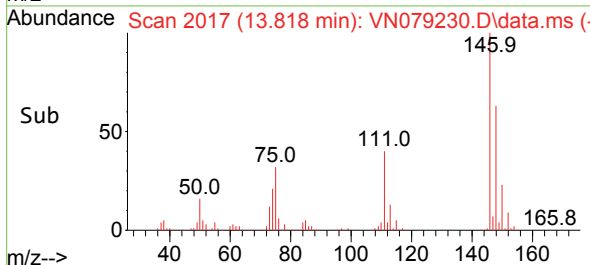
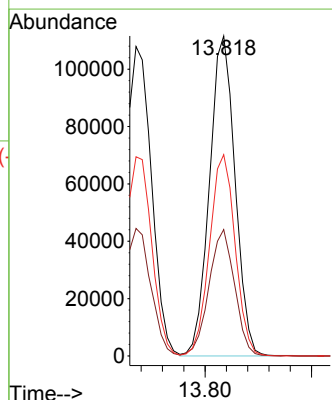
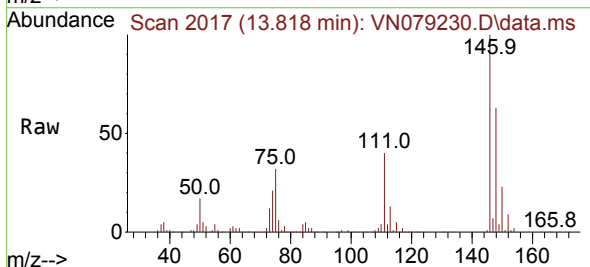
Instrument :  
MSVOA\_N  
ClientSampleId :

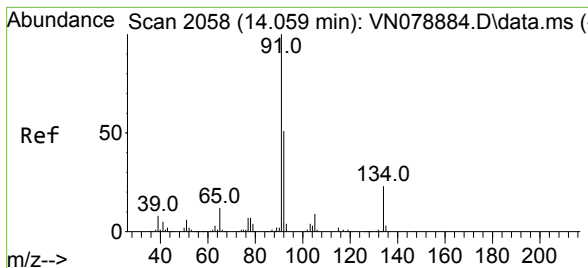
Tgt Ion:146 Resp: 188677  
Ion Ratio Lower Upper  
146 100  
111 40.7 22.1 66.3  
148 64.6 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 44.226 ug/l  
RT: 13.818 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: VN079230.D  
Acq: 11 Sep 2023 20:42

Tgt Ion:146 Resp: 186195  
Ion Ratio Lower Upper  
146 100  
111 39.4 20.6 61.8  
148 63.0 31.6 94.8





#89

n-Butylbenzene

Concen: 49.872 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

ClientSampleId :

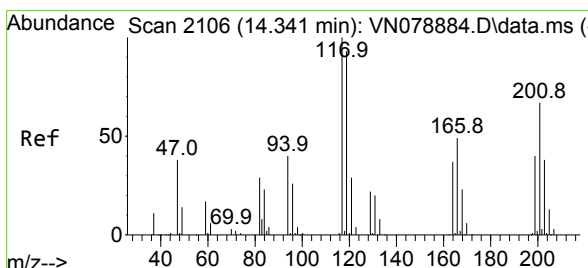
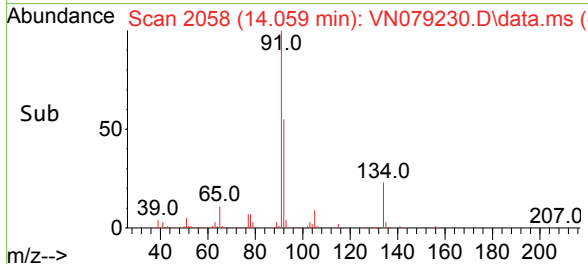
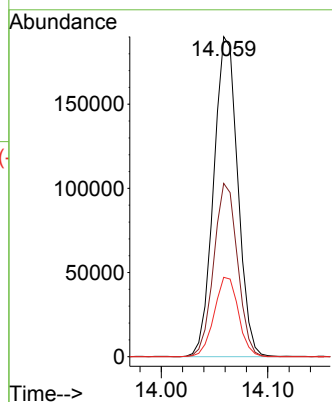
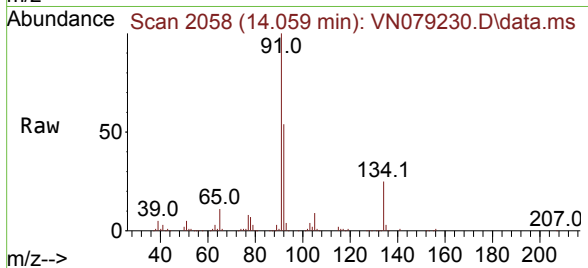
Tgt Ion: 91 Resp: 298288

Ion Ratio Lower Upper

91 100

92 53.5 26.4 79.0

134 25.0 12.6 37.6



#90

Hexachloroethane

Concen: 42.732 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN079230.D

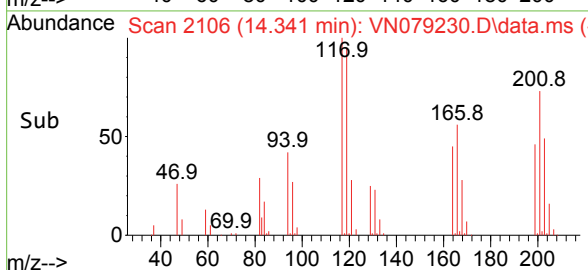
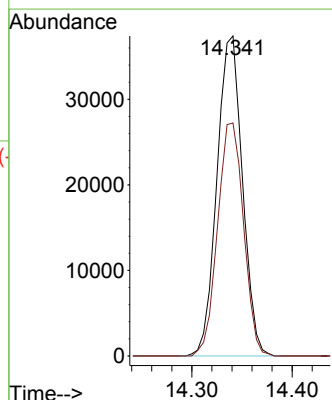
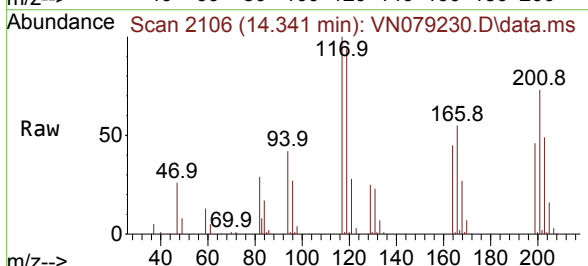
Acq: 11 Sep 2023 20:42

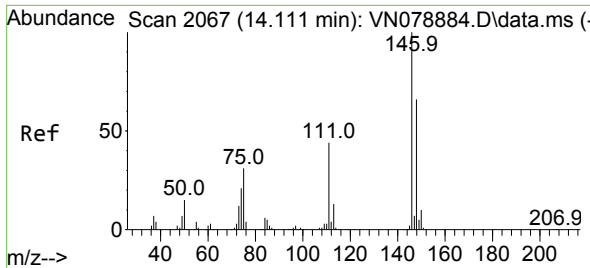
Tgt Ion: 117 Resp: 66003

Ion Ratio Lower Upper

117 100

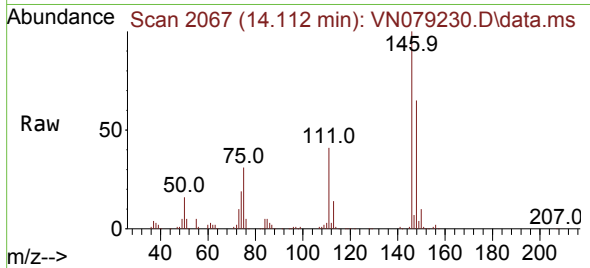
201 74.1 29.3 88.0



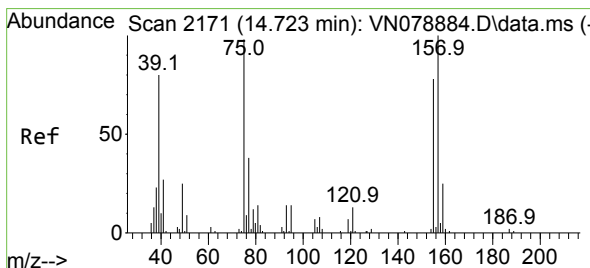
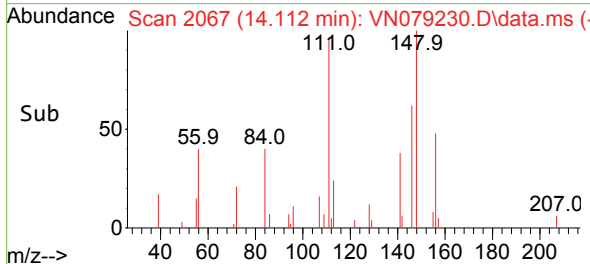
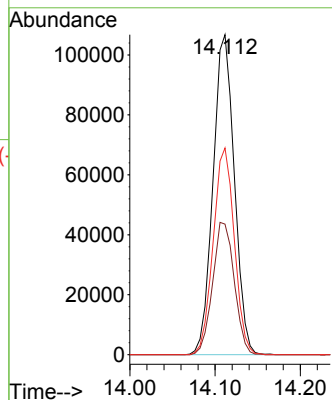


#91  
 1,2-Dichlorobenzene  
 Concen: 45.112 ug/l  
 RT: 14.112 min Scan# 2067  
 Delta R.T. -0.000 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :

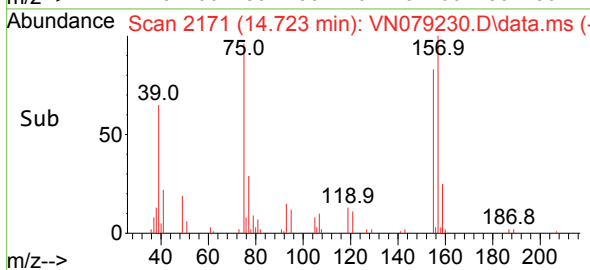
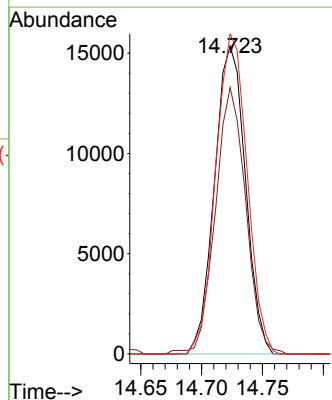
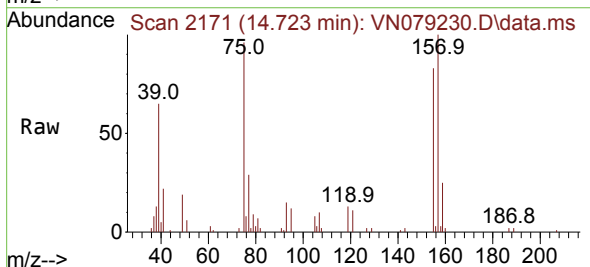


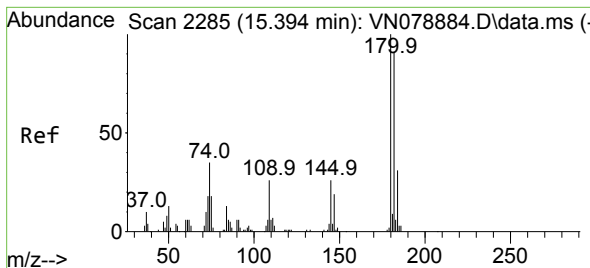
Tgt Ion:146 Resp: 185547  
 Ion Ratio Lower Upper  
 146 100  
 111 41.9 22.0 66.0  
 148 63.9 31.8 95.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.840 ug/l  
 RT: 14.723 min Scan# 2171  
 Delta R.T. 0.000 min  
 Lab File: VN079230.D  
 Acq: 11 Sep 2023 20:42

Tgt Ion: 75 Resp: 27168  
 Ion Ratio Lower Upper  
 75 100  
 155 84.7 39.1 117.2  
 157 105.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 54.753 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

ClientSampleId :

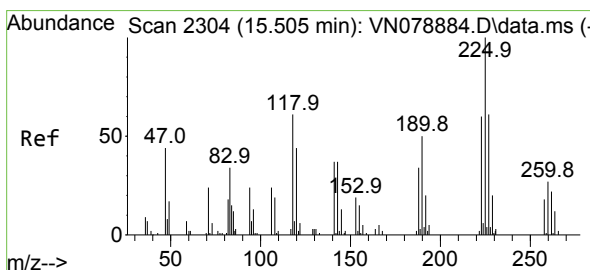
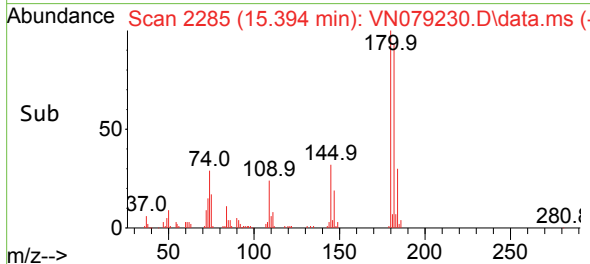
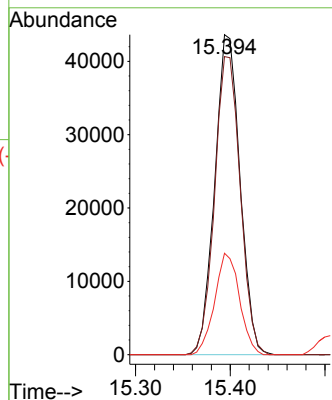
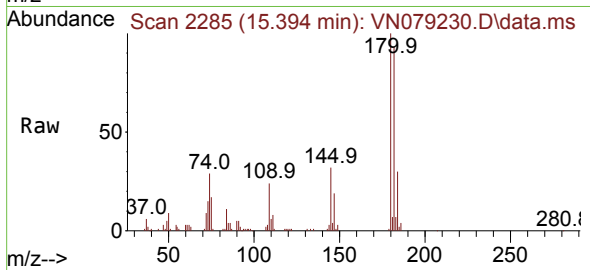
Tgt Ion:180 Resp: 80928

Ion Ratio Lower Upper

180 100

182 94.5 46.1 138.2

145 31.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 38.973 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

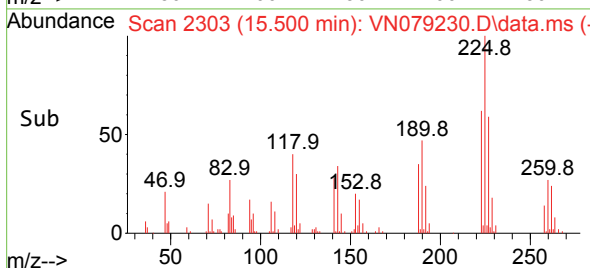
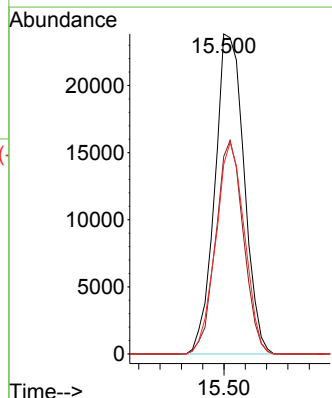
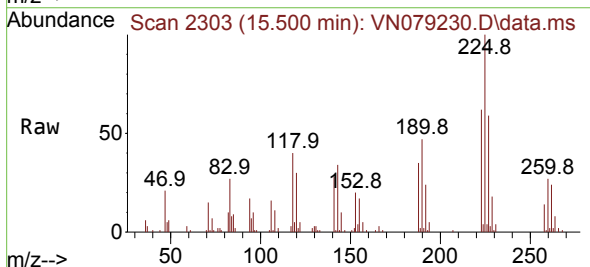
Tgt Ion:225 Resp: 45315

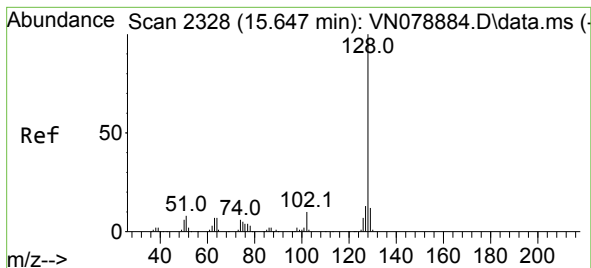
Ion Ratio Lower Upper

225 100

223 63.2 31.3 93.8

227 64.9 31.9 95.9





#95

Naphthalene

Concen: 56.086 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA\_N

ClientSampleId :

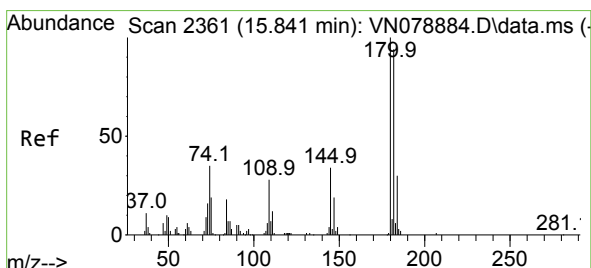
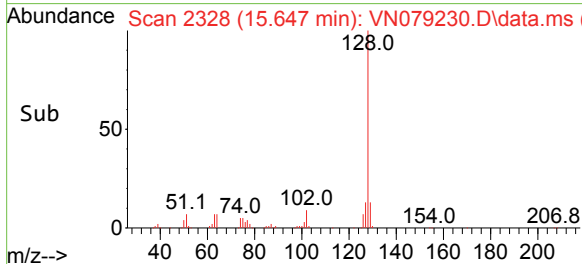
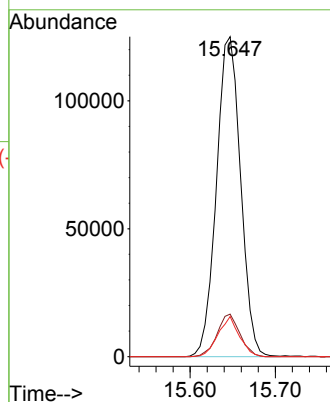
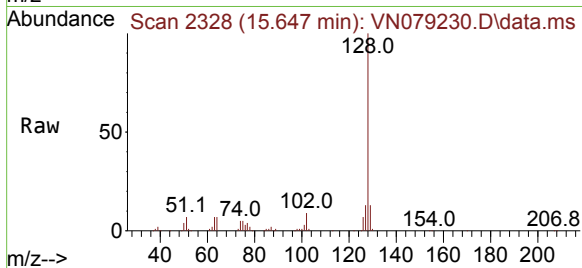
Tgt Ion:128 Resp: 246212

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.087 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Tgt Ion:180 Resp: 83840

Ion Ratio Lower Upper

180 100

182 95.5 46.2 138.6

145 33.0 17.5 52.6

