

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061523\  
 Data File : VN078244.D  
 Acq On : 15 Jun 2023 21:34  
 Operator : JC\MD  
 Sample : 03231-02MS  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 16 06:13:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.235  | 168  | 377061   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 696148   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.870 | 117  | 607171   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 237792   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 270397   | 53.785   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 107.560% |      |
| 35) Dibromofluoromethane    | 8.177  | 113   | 226223   | 51.395   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.800% |      |
| 50) Toluene-d8              | 10.570 | 98    | 851592   | 50.186   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 100.380% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 269842   | 51.153   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 102.300% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 178442  | 41.865  | ug/l   | 97  |
| 3) Chloromethane             | 2.371 | 50  | 199624  | 49.775  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.518 | 62  | 261717  | 46.892  | ug/l   | 100 |
| 5) Bromomethane              | 2.953 | 94  | 191848  | 45.484  | ug/l   | 93  |
| 6) Chloroethane              | 3.124 | 64  | 186314  | 48.969  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 353237  | 46.671  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.971 | 74  | 121741  | 45.778  | ug/l   | 81  |
| 9) 1,1,2-Trichlorotrifluo... | 4.383 | 101 | 189469  | 47.434  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.600 | 142 | 263179  | 46.590  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.530 | 59  | 157035  | 226.218 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.347 | 96  | 190843  | 46.349  | ug/l   | 94  |
| 13) Acrolein                 | 4.189 | 56  | 192992  | 252.253 | ug/l   | 95  |
| 14) Allyl chloride           | 5.036 | 41  | 246529  | 49.048  | ug/l   | 93  |
| 15) Acrylonitrile            | 5.730 | 53  | 483638  | 270.235 | ug/l   | 98  |
| 16) Acetone                  | 4.441 | 43  | 370052  | 255.726 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.724 | 76  | 445976  | 42.080  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.036 | 43  | 314580  | 47.218  | ug/l   | 92  |
| 19) Methyl tert-butyl Ether  | 5.806 | 73  | 652471  | 49.666  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.283 | 84  | 223503  | 46.740  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.794 | 96  | 207274  | 46.673  | ug/l   | 82  |
| 22) Diisopropyl ether        | 6.683 | 45  | 620700  | 52.500  | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.618 | 43  | 1714984 | 244.020 | ug/l # | 89  |
| 24) 1,1-Dichloroethane       | 6.583 | 63  | 395985  | 50.772  | ug/l   | 98  |
| 25) 2-Butanone               | 7.494 | 43  | 595924  | 267.798 | ug/l   | 88  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 255540  | 44.374  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 253933  | 47.936  | ug/l   | 95  |
| 28) Bromochloromethane       | 7.824 | 49  | 202318  | 56.498  | ug/l   | 88  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 392896  | 264.113 | ug/l   | 84  |
| 30) Chloroform               | 7.977 | 83  | 431888  | 51.425  | ug/l   | 94  |
| 31) Cyclohexane              | 8.265 | 56  | 300787  | 46.641  | ug/l   | 92  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 376151  | 51.016  | ug/l   | 94  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 305194  | 48.339  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.571 | 43  | 243412  | 49.351  | ug/l # | 93  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 330786  | 49.618  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.606 | 83  | 279828  | 42.767  | ug/l   | 90  |
| 40) Benzene                  | 8.612 | 78  | 940045  | 49.873  | ug/l   | 98  |

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 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 16 06:13:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 134164   | 50.184  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 333662   | 51.629  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 437595   | 46.391  | ug/l # | 93       |
| 44) Trichloroethene           | 9.359  | 130  | 688777   | 138.370 | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.629  | 63   | 244450   | 52.126  | ug/l   | 96       |
| 46) Dibromomethane            | 9.718  | 93   | 173586   | 50.253  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.894  | 83   | 335576   | 52.300  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.688  | 41   | 204782   | 51.733  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.706  | 88   | 81408    | 978.481 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 1340593  | 269.893 | ug/l   | 92       |
| 52) Toluene                   | 10.635 | 92   | 590143   | 49.589  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 340721   | 50.989  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 355102   | 48.073  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.023 | 97   | 237498   | 52.755  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 343808   | 52.449  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 11.170 | 76   | 399762   | 52.607  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.200 | 43   | 931787   | 269.414 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.365 | 129  | 255578   | 51.881  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 239616   | 50.719  | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.112 | 164  | 184650   | 45.585  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.900 | 112  | 629976   | 48.449  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 238786   | 49.930  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.970 | 91   | 1106357  | 49.311  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.076 | 106  | 833628   | 97.494  | ug/l   | 95       |
| 69) o-Xylene                  | 12.406 | 106  | 424334   | 50.536  | ug/l   | 98       |
| 70) Styrene                   | 12.417 | 104  | 673253   | 50.930  | ug/l   | 98       |
| 71) Bromoform                 | 12.582 | 173  | 158271   | 51.281  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 1023601  | 45.521  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 331090   | 44.713  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 333905   | 54.194  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 386168   | 68.695  | ug/l   | 73       |
| 77) Bromobenzene              | 12.988 | 156  | 236996   | 45.402  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.041 | 91   | 1149973  | 47.071  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 710699   | 45.066  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 828709   | 45.520  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 88409    | 48.318  | ug/l # | 82       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 678920   | 46.128  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 700997   | 44.296  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 830952   | 47.078  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.623 | 105  | 873261   | 42.160  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 720892   | 42.888  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 387932   | 43.936  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 384091   | 45.081  | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.064 | 91   | 545557   | 41.150  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.341 | 117  | 136302   | 45.694  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 14.111 | 146  | 397649   | 46.081  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 50574    | 45.407  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 124357   | 40.447  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 62590    | 41.051  | ug/l   | 97       |
| 95) Naphthalene               | 15.647 | 128  | 390699   | 37.777  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 137597   | 40.014  | ug/l   | 99       |

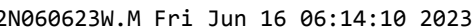
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061523\  
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ALS Vial : 26 Sample Multiplier: 1

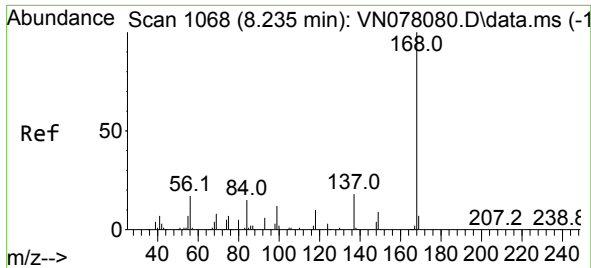
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jun 16 06:13:58 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 07 05:05:00 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  
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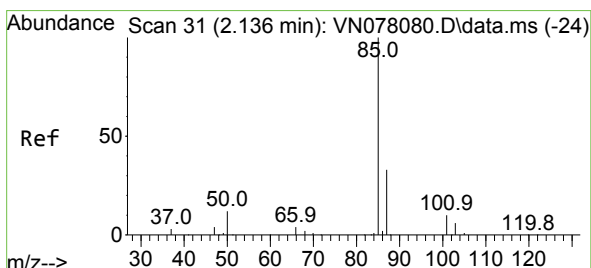
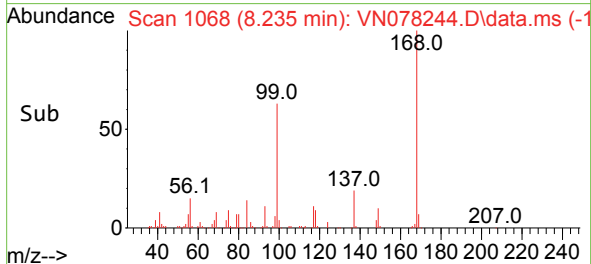
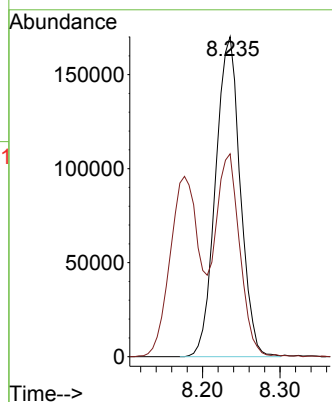
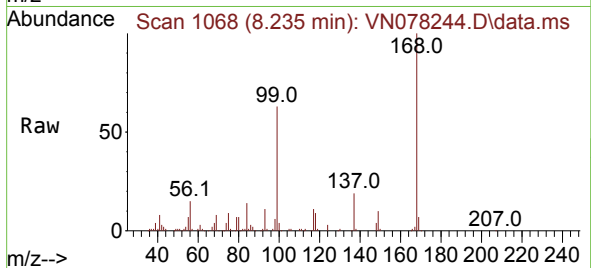




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. 0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

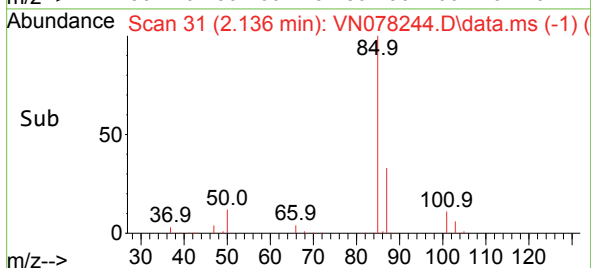
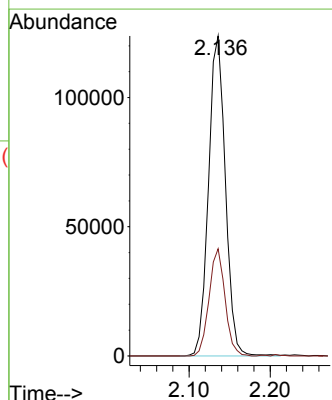
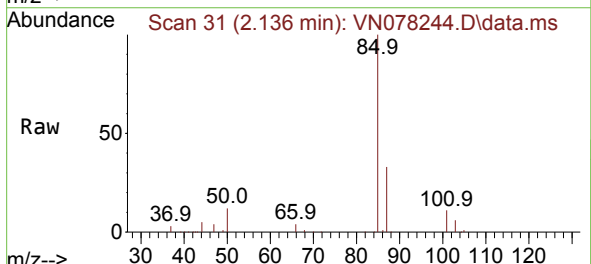
Instrument :  
MSVOA\_N  
ClientSampleId :

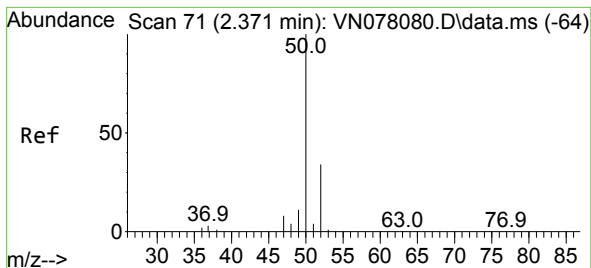
Tgt Ion:168 Resp: 377061  
Ion Ratio Lower Upper  
168 100  
99 63.1 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 41.865 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion: 85 Resp: 178442  
Ion Ratio Lower Upper  
85 100  
87 33.5 15.8 47.4





#3

Chloromethane

Concen: 49.775 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

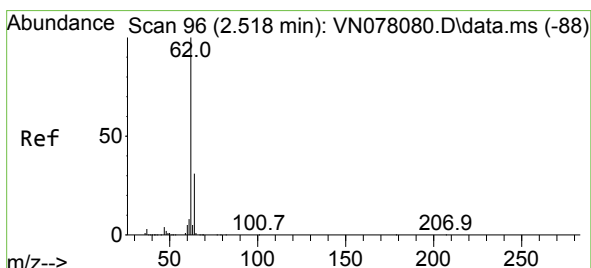
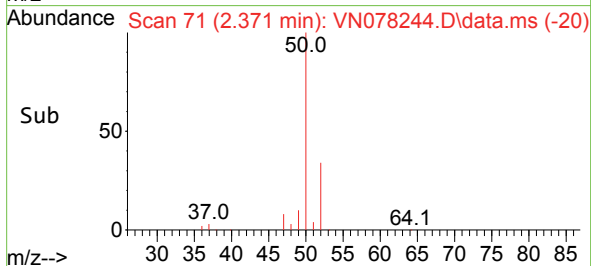
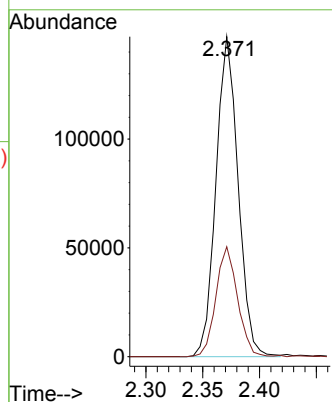
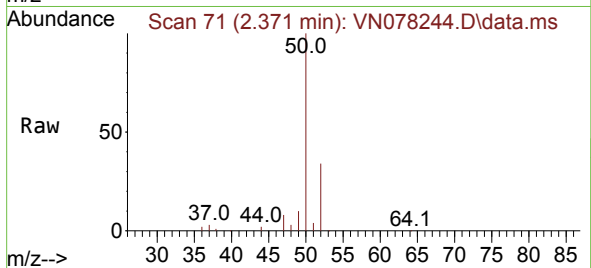
ClientSampleId :

Tgt Ion: 50 Resp: 199624

Ion Ratio Lower Upper

50 100

52 34.4 26.5 39.7



#4

Vinyl Chloride

Concen: 46.892 ug/l

RT: 2.518 min Scan# 96

Delta R.T. -0.000 min

Lab File: VN078244.D

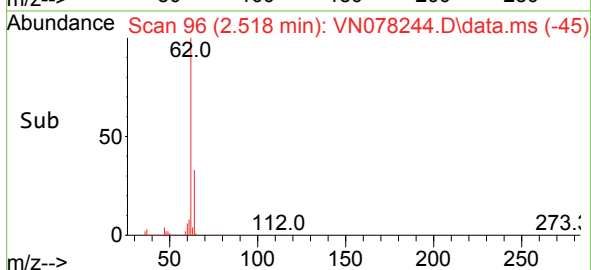
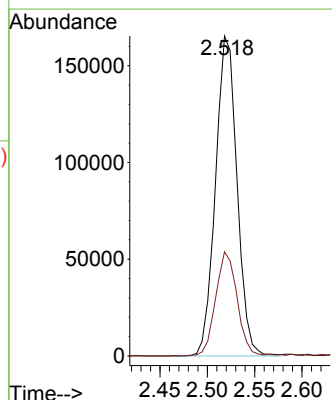
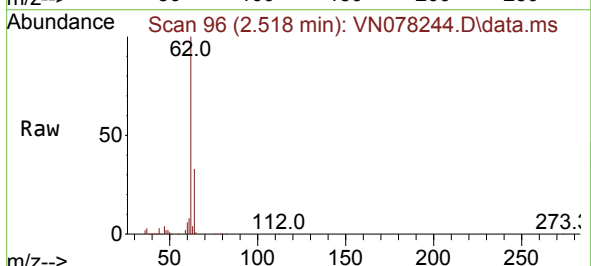
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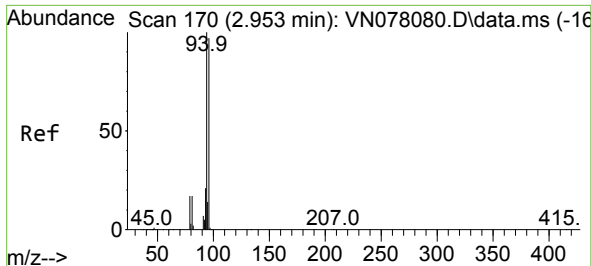
Tgt Ion: 62 Resp: 261717

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.2

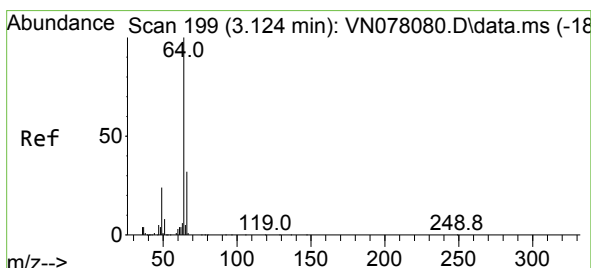
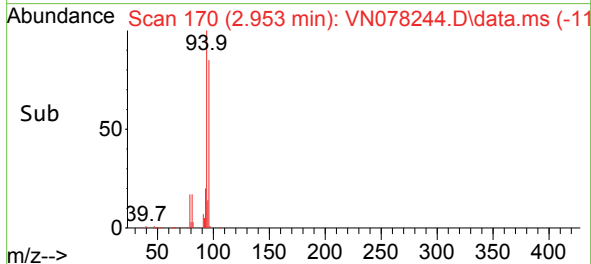
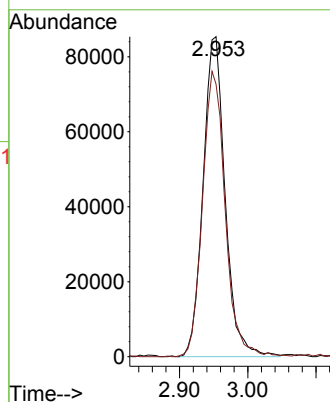
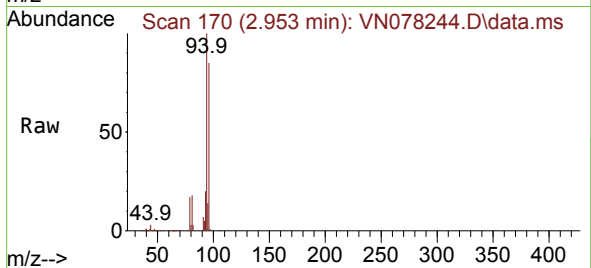




#5  
Bromomethane  
Concen: 45.484 ug/l  
RT: 2.953 min Scan# 170  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

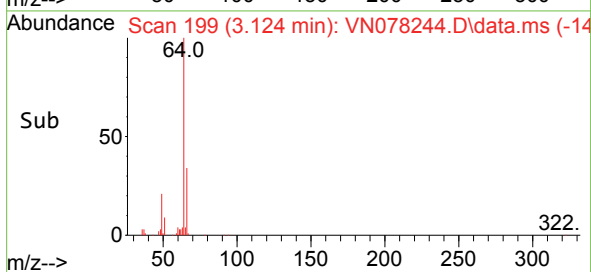
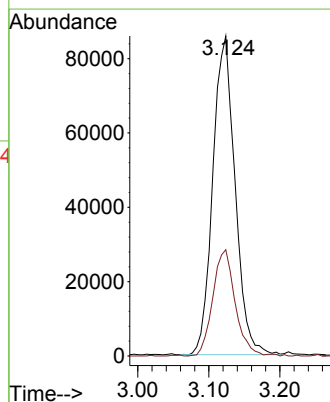
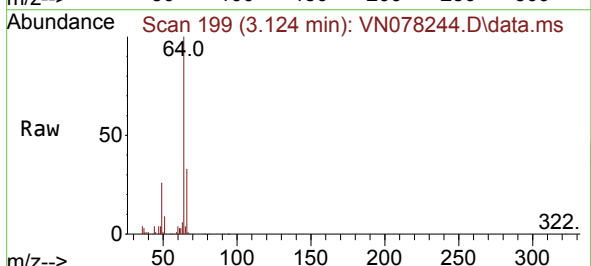
Instrument :  
MSVOA\_N  
ClientSampleId :

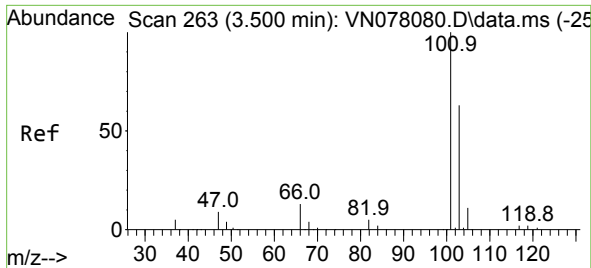
Tgt Ion: 94 Resp: 191848  
Ion Ratio Lower Upper  
94 100  
96 84.8 73.1 109.7



#6  
Chloroethane  
Concen: 48.969 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion: 64 Resp: 186314  
Ion Ratio Lower Upper  
64 100  
66 33.3 25.4 38.2

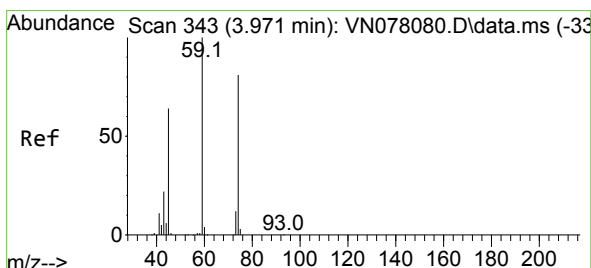
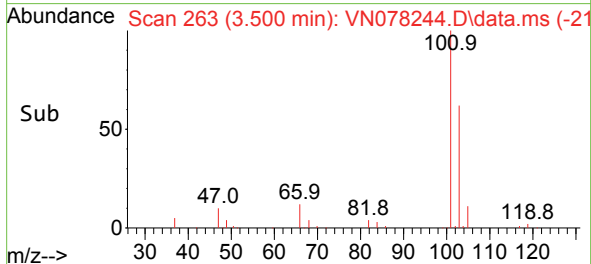
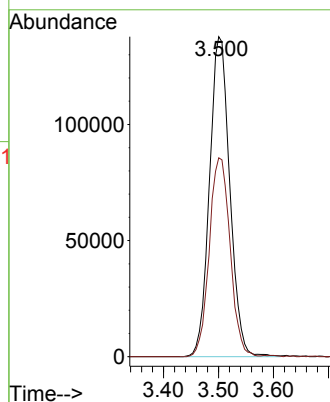
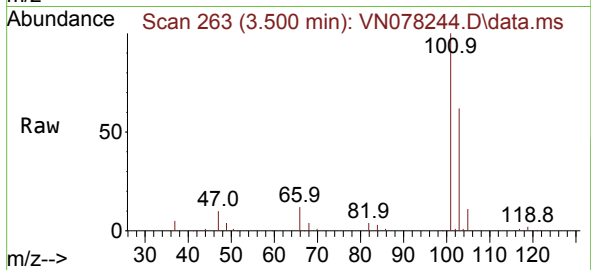




#7  
 Trichlorofluoromethane  
 Concen: 46.671 ug/l  
 RT: 3.500 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

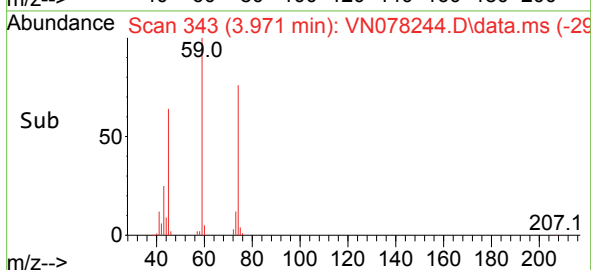
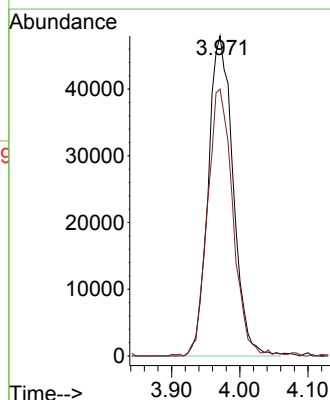
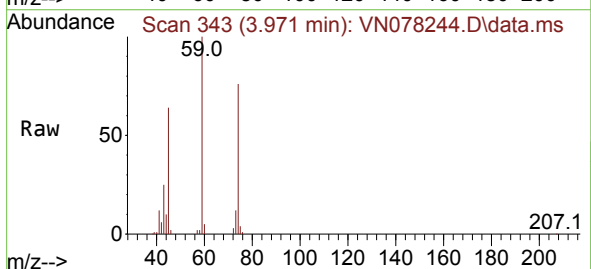
Instrument :  
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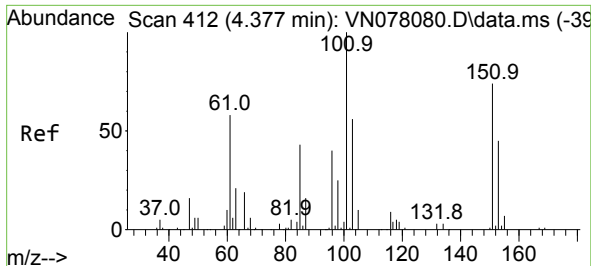
Tgt Ion:101 Resp: 353237  
 Ion Ratio Lower Upper  
 101 100  
 103 62.1 50.7 76.1



#8  
 Diethyl Ether  
 Concen: 45.778 ug/l  
 RT: 3.971 min Scan# 343  
 Delta R.T. -0.000 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

Tgt Ion: 74 Resp: 121741  
 Ion Ratio Lower Upper  
 74 100  
 45 84.3 34.4 103.3

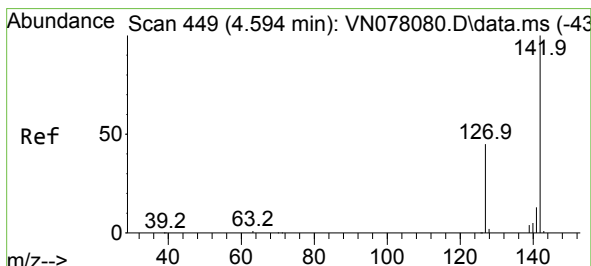
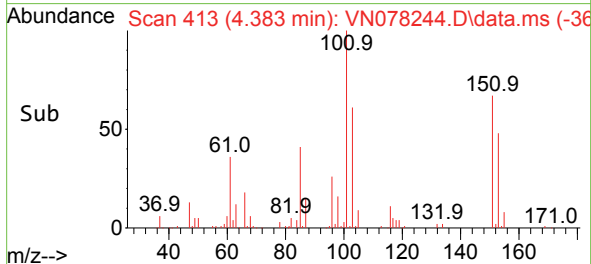
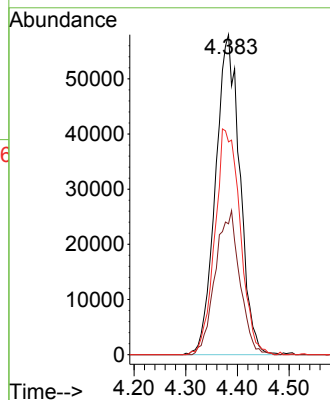
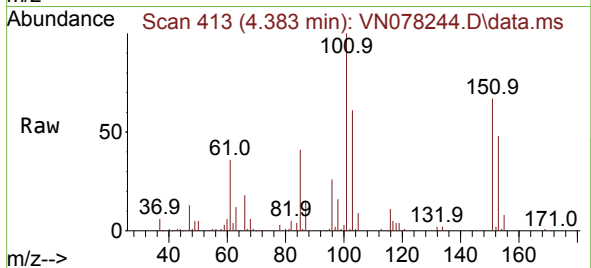




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.434 ug/l  
RT: 4.383 min Scan# 412  
Delta R.T. 0.006 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

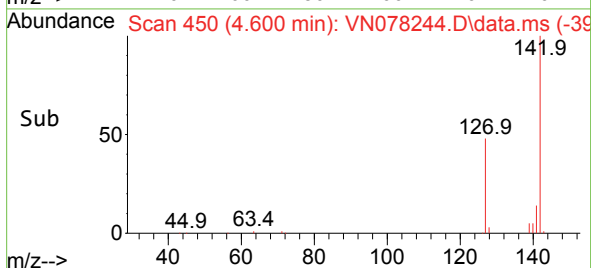
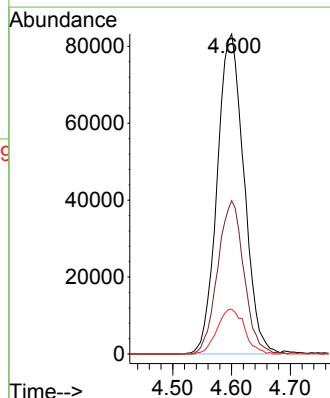
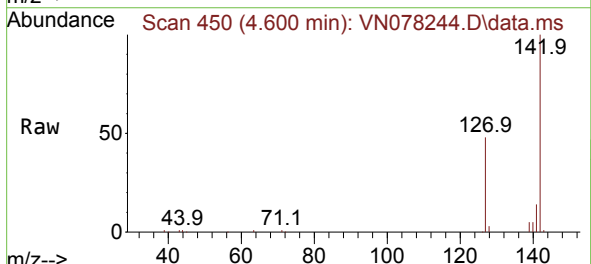
Instrument :  
MSVOA\_N  
ClientSampleId :

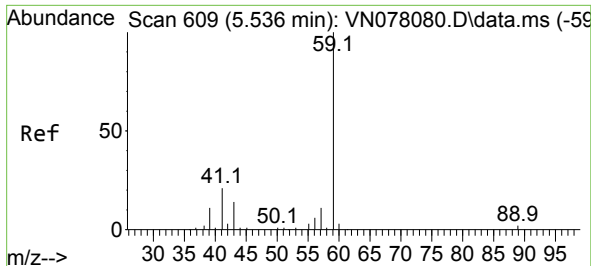
Tgt Ion:101 Resp: 189469  
Ion Ratio Lower Upper  
101 100  
85 45.4 36.6 55.0  
151 73.7 57.6 86.4



#10  
Methyl Iodide  
Concen: 46.590 ug/l  
RT: 4.600 min Scan# 450  
Delta R.T. 0.006 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

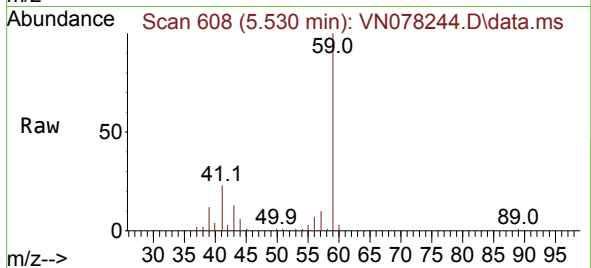
Tgt Ion:142 Resp: 263179  
Ion Ratio Lower Upper  
142 100  
127 47.9 37.6 56.4  
141 14.0 11.4 17.0



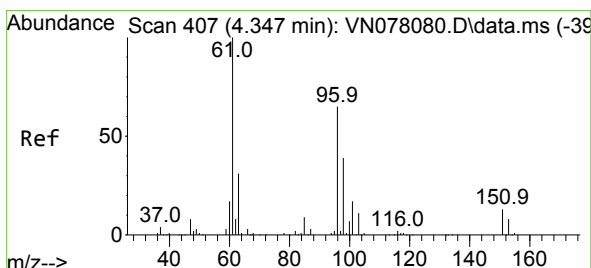
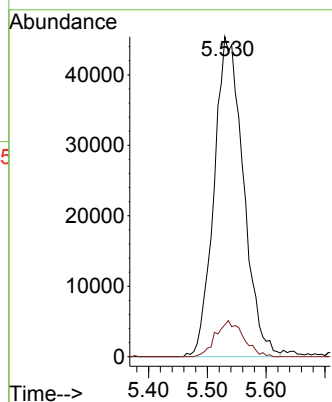
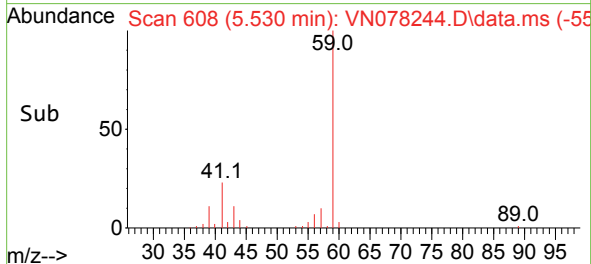


#11  
Tert butyl alcohol  
Concen: 226.218 ug/l  
RT: 5.530 min Scan# 609  
Delta R.T. -0.006 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Instrument :  
MSVOA\_N  
ClientSampleId :

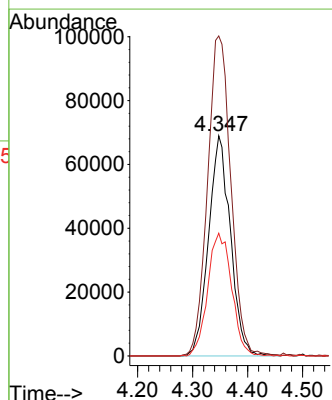
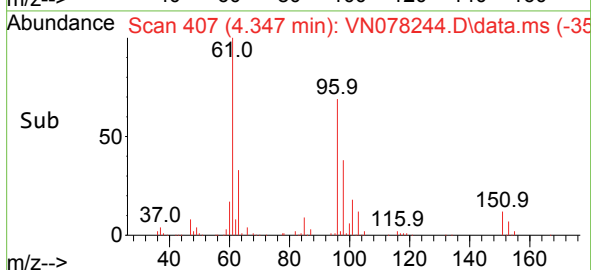
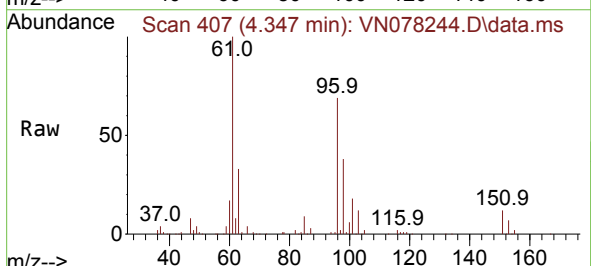


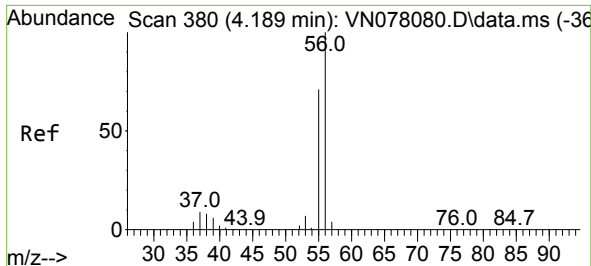
Tgt Ion: 59 Resp: 157035  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 46.349 ug/l  
RT: 4.347 min Scan# 407  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion: 96 Resp: 190843  
Ion Ratio Lower Upper  
96 100  
61 145.3 112.7 169.1  
98 55.7 51.2 76.8

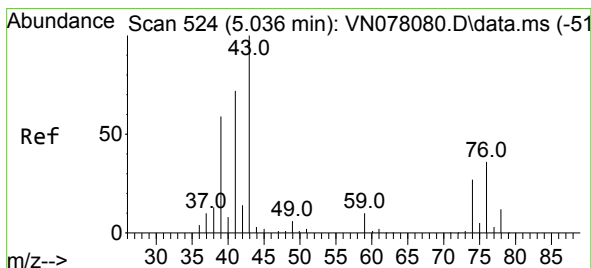
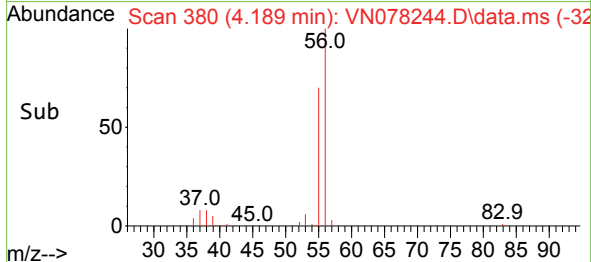
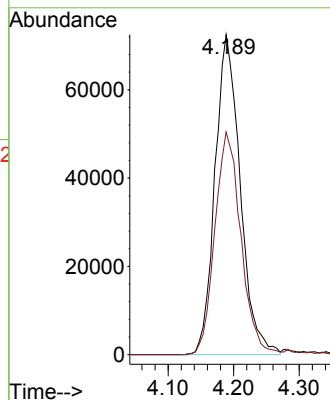
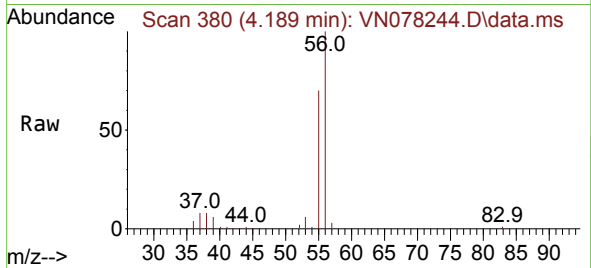




#13  
Acrolein  
Concen: 252.253 ug/l  
RT: 4.189 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

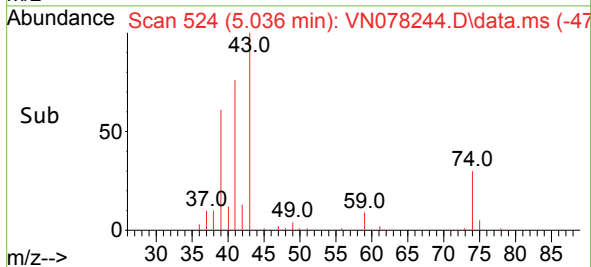
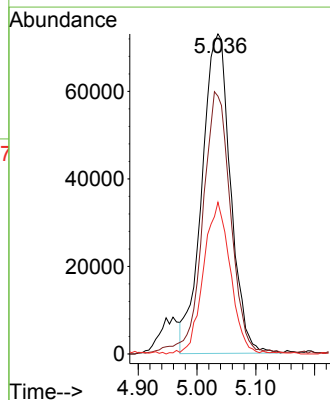
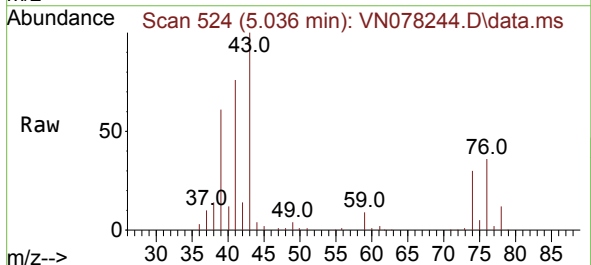
Instrument :  
MSVOA\_N  
ClientSampleId :

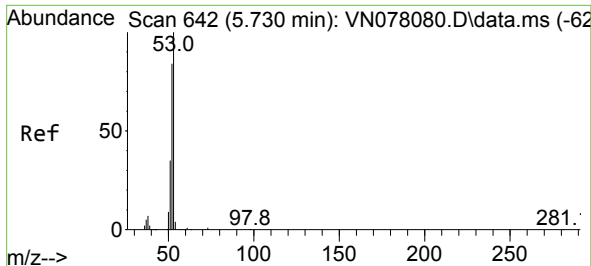
Tgt Ion: 56 Resp: 192992  
Ion Ratio Lower Upper  
56 100  
55 71.8 54.5 81.7



#14  
Allyl chloride  
Concen: 49.048 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

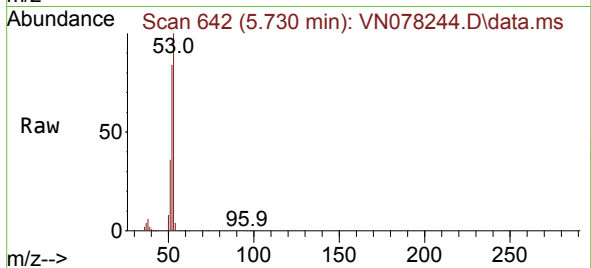
Tgt Ion: 41 Resp: 246529  
Ion Ratio Lower Upper  
41 100  
39 79.6 58.8 88.2  
76 44.4 39.1 58.7



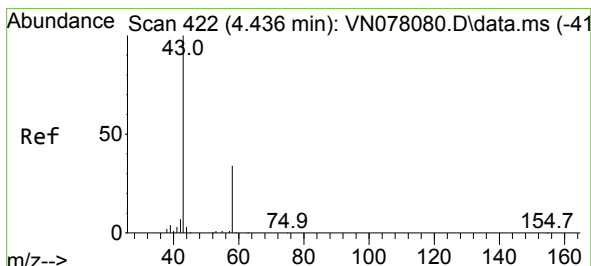
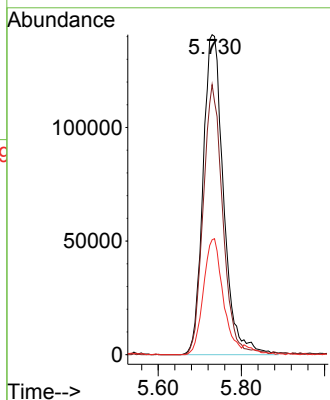
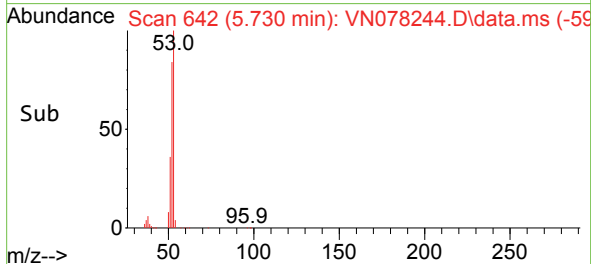


#15  
Acrylonitrile  
Concen: 270.235 ug/l  
RT: 5.730 min Scan# 642  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

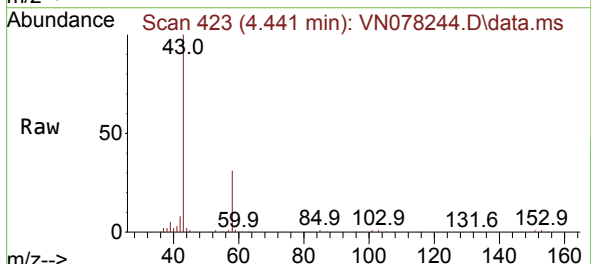
Instrument :  
MSVOA\_N  
ClientSampleId :



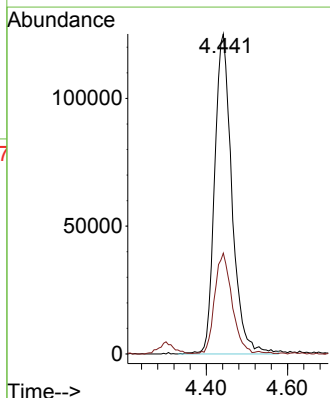
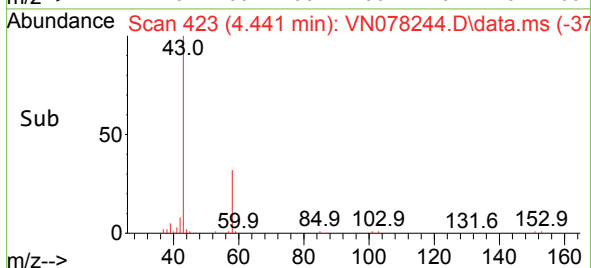
Tgt Ion: 53 Resp: 483638  
Ion Ratio Lower Upper  
53 100  
52 80.2 65.3 97.9  
51 34.7 28.9 43.3

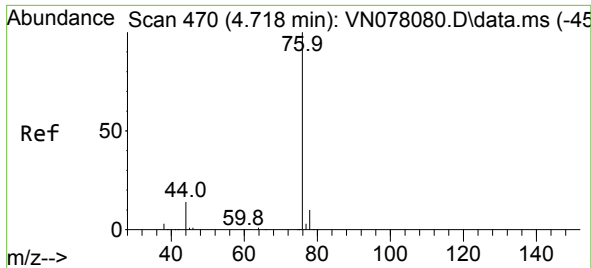


#16  
Acetone  
Concen: 255.726 ug/l  
RT: 4.441 min Scan# 423  
Delta R.T. 0.006 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34



Tgt Ion: 43 Resp: 370052  
Ion Ratio Lower Upper  
43 100  
58 31.3 28.0 42.0

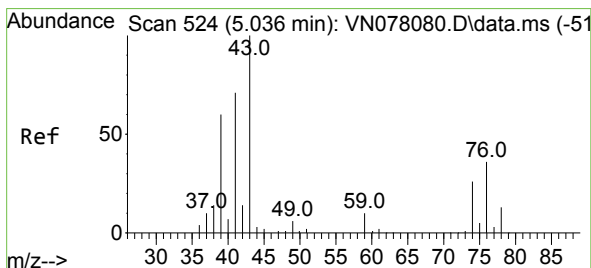
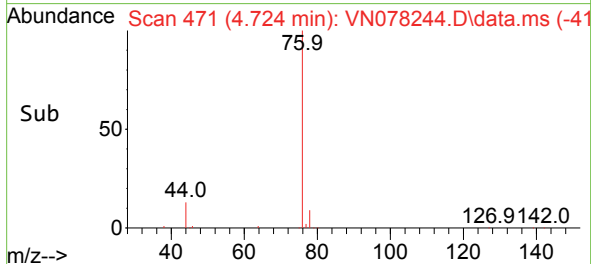
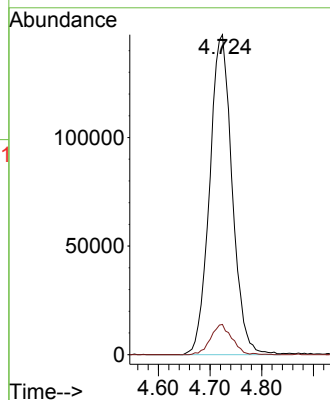
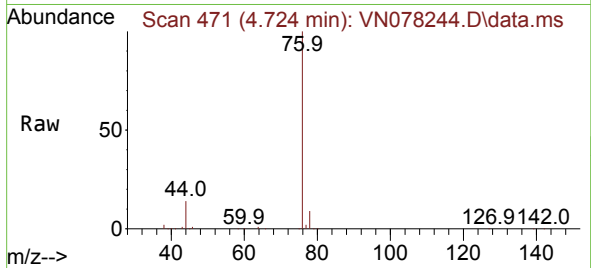




#17  
Carbon Disulfide  
Concen: 42.080 ug/l  
RT: 4.724 min Scan# 471  
Delta R.T. 0.006 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

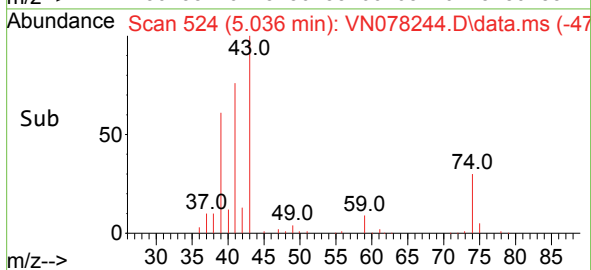
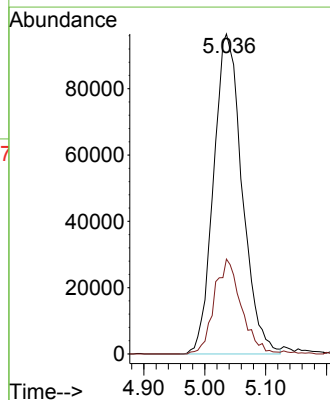
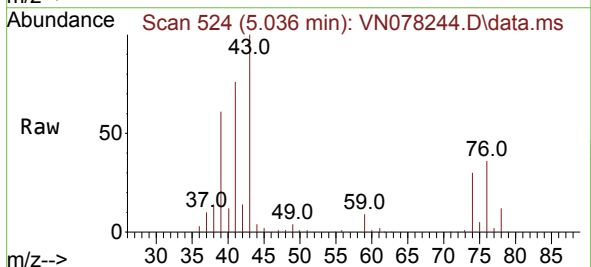
Instrument :  
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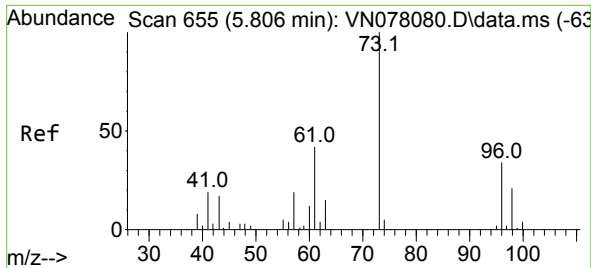
Tgt Ion: 76 Resp: 445976  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 47.218 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion: 43 Resp: 314580  
Ion Ratio Lower Upper  
43 100  
74 28.0 26.2 39.4

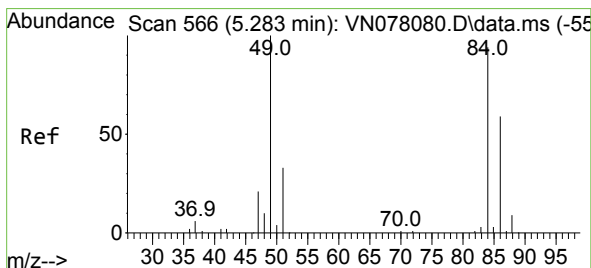
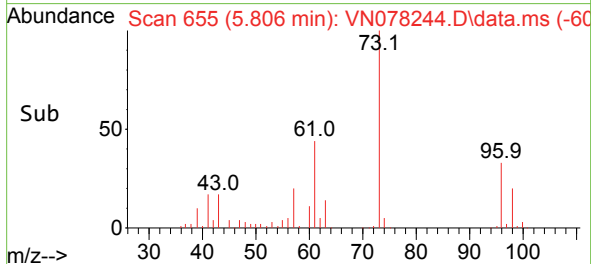
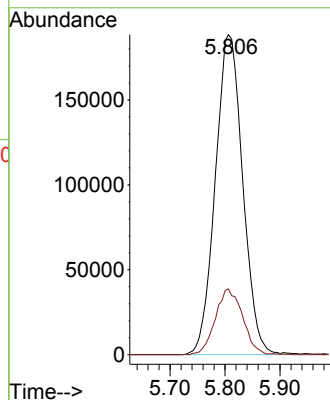
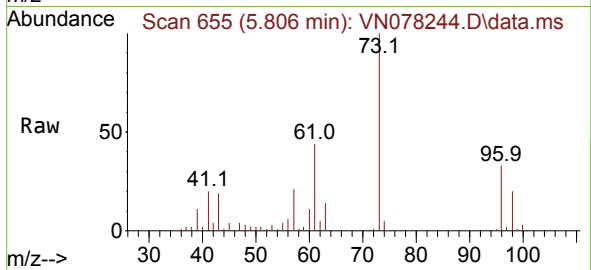




#19  
Methyl tert-butyl Ether  
Concen: 49.666 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

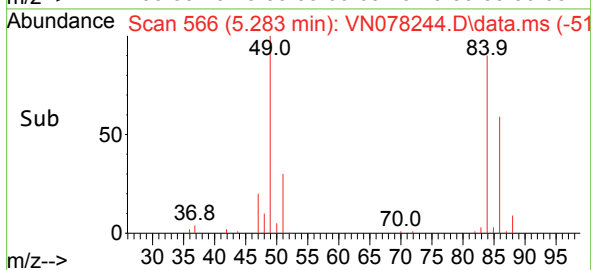
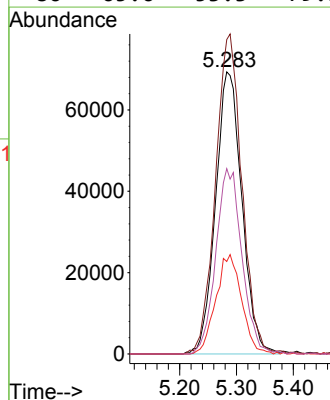
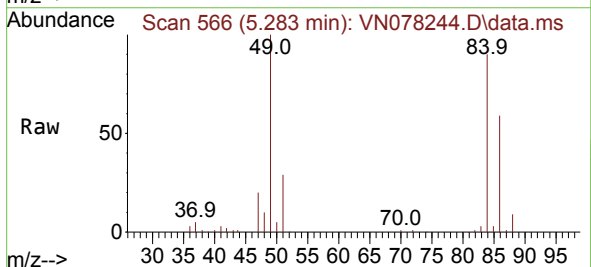
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ClientSampleId :

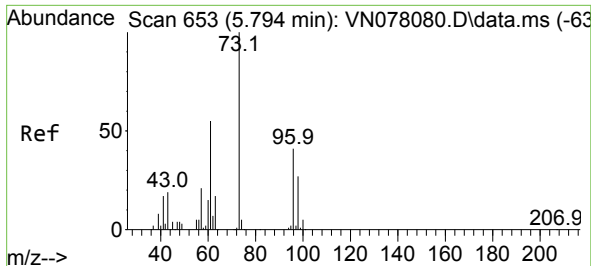
Tgt Ion: 73 Resp: 652471  
Ion Ratio Lower Upper  
73 100  
57 20.6 15.6 23.4



#20  
Methylene Chloride  
Concen: 46.740 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

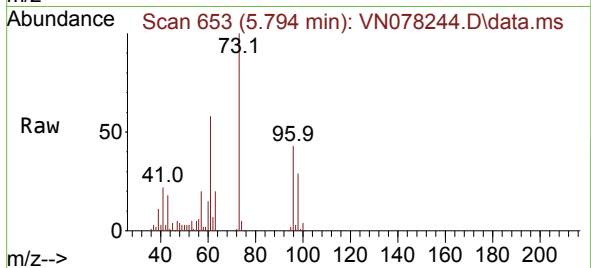
Tgt Ion: 84 Resp: 223503  
Ion Ratio Lower Upper  
84 100  
49 111.4 79.7 119.5  
51 32.8 25.2 37.8  
86 65.6 53.3 79.9



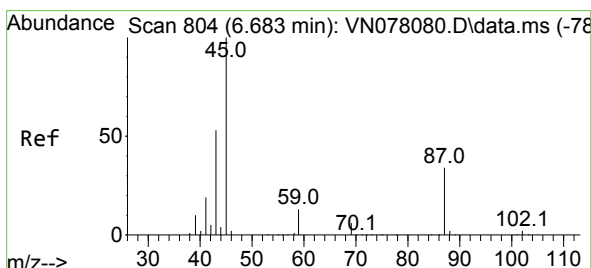
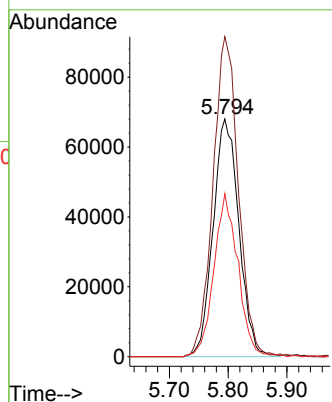
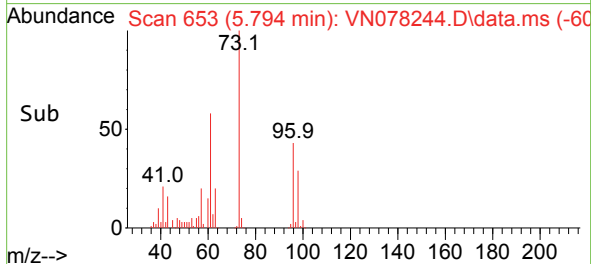


#21  
trans-1,2-Dichloroethene  
Concen: 46.673 ug/l  
RT: 5.794 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Instrument :  
MSVOA\_N  
ClientSampleId :

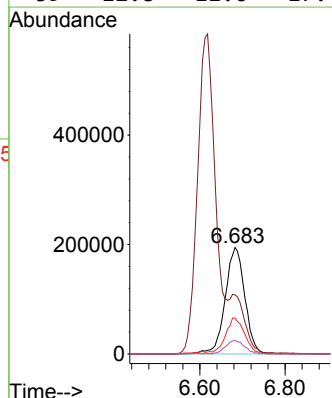
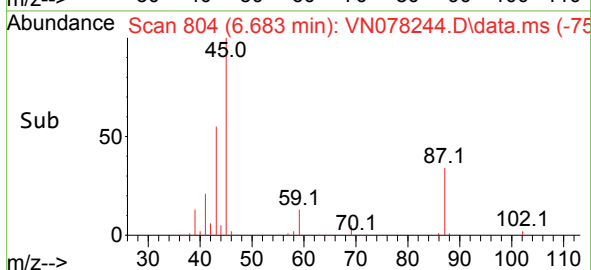
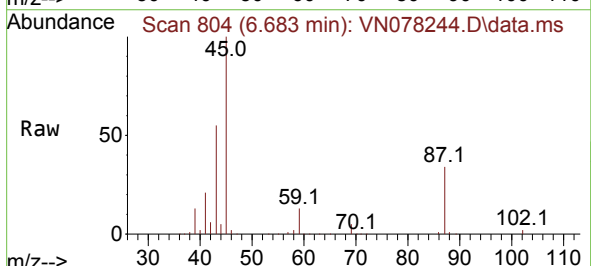


Tgt Ion: 96 Resp: 207274  
Ion Ratio Lower Upper  
96 100  
61 134.7 90.1 135.1  
98 68.5 46.4 69.6



#22  
Diisopropyl ether  
Concen: 52.500 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion: 45 Resp: 620700  
Ion Ratio Lower Upper  
45 100  
43 54.5 45.5 68.3  
87 33.6 31.8 47.8  
59 12.8 11.6 17.4

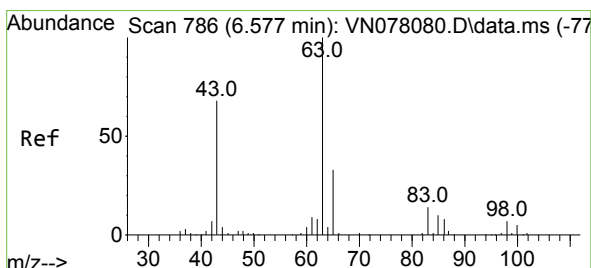
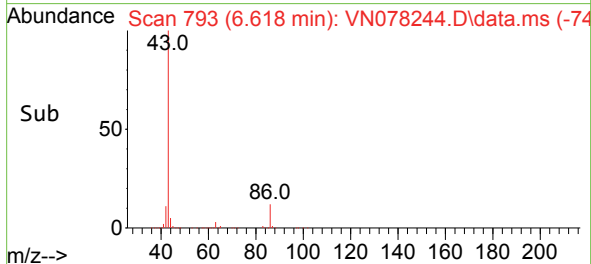
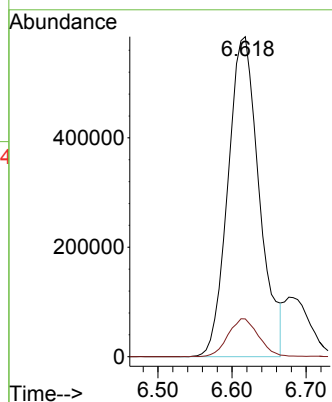
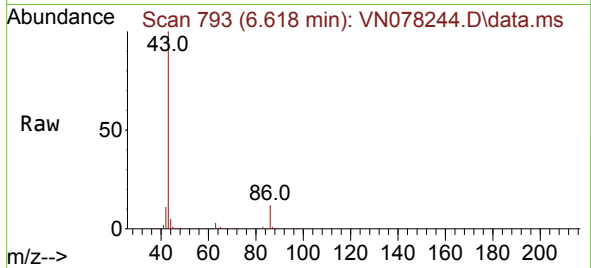




#23  
 Vinyl Acetate  
 Concen: 244.020 ug/l  
 RT: 6.618 min Scan# 792  
 Delta R.T. 0.006 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

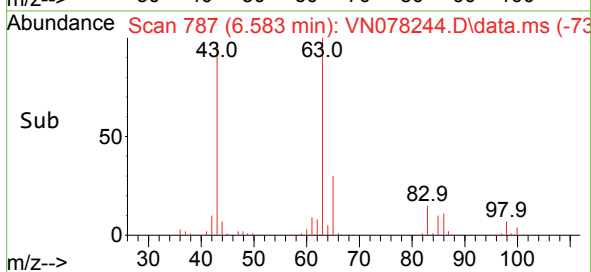
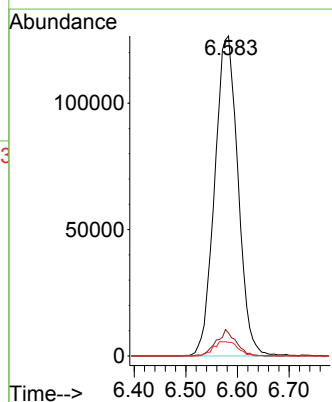
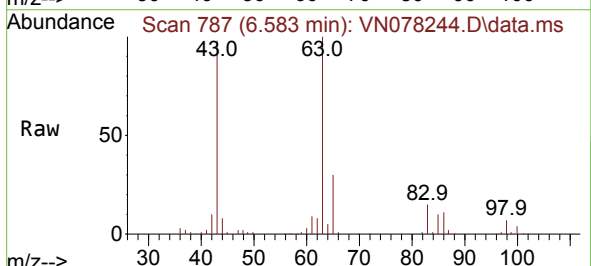
Instrument :  
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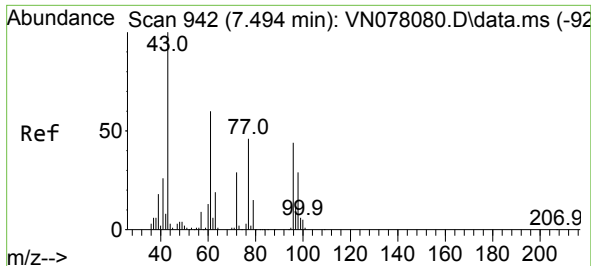
Tgt Ion: 43 Resp: 1714984  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 13.0 19.6#



#24  
 1,1-Dichloroethane  
 Concen: 50.772 ug/l  
 RT: 6.583 min Scan# 787  
 Delta R.T. 0.006 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

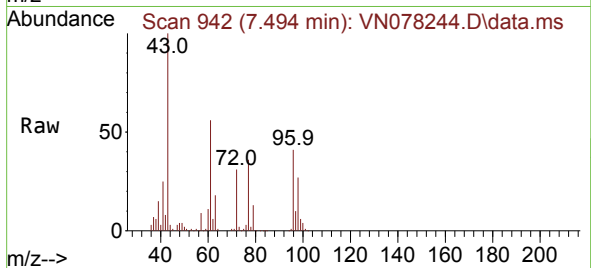
Tgt Ion: 63 Resp: 395985  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.9 11.7  
 100 4.3 2.5 7.4



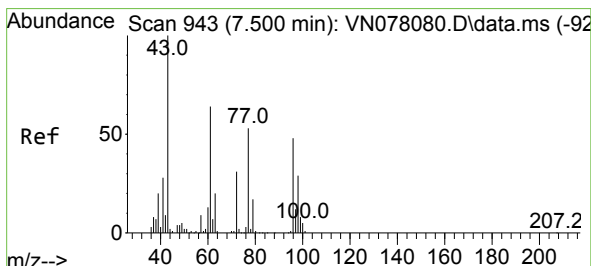
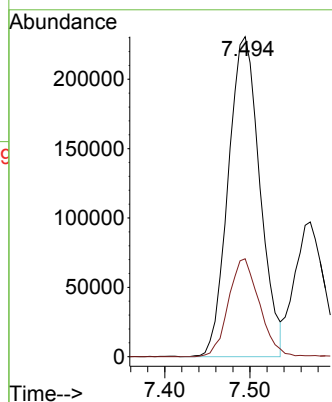
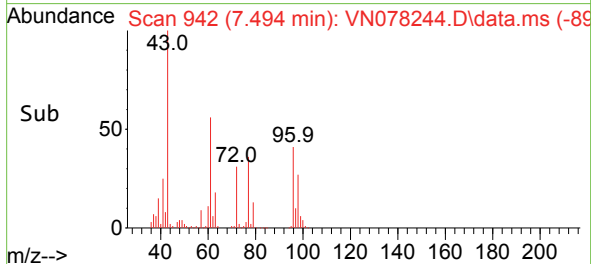


#25  
2-Butanone  
Concen: 267.798 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Instrument :  
MSVOA\_N  
ClientSampleId :

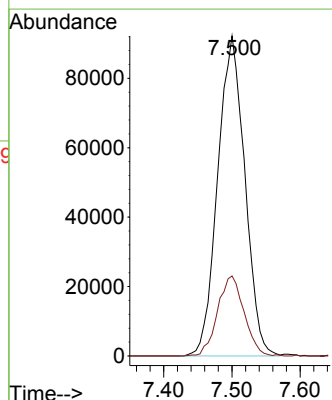
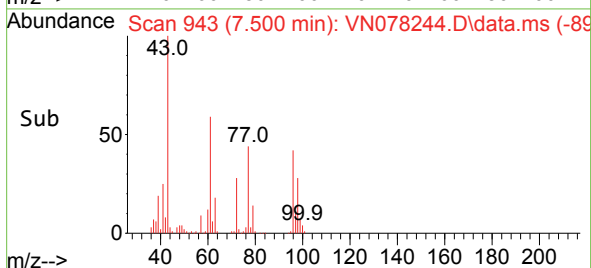
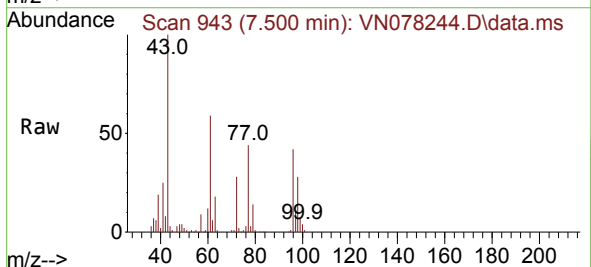


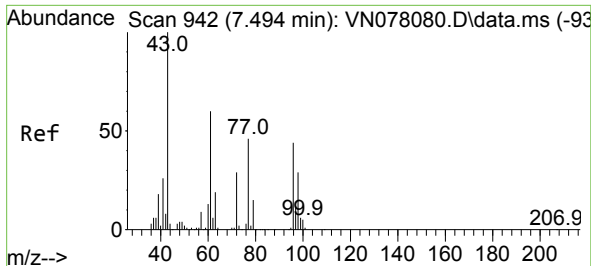
Tgt Ion: 43 Resp: 595924  
Ion Ratio Lower Upper  
43 100  
72 30.6 30.2 45.2



#26  
2,2-Dichloropropane  
Concen: 44.374 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

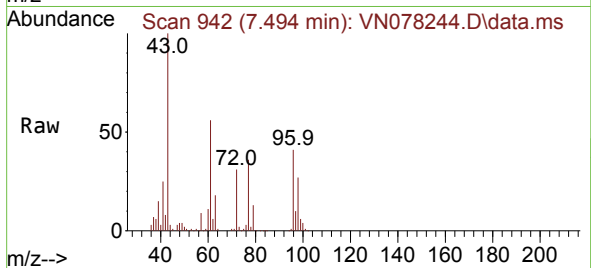
Tgt Ion: 77 Resp: 255540  
Ion Ratio Lower Upper  
77 100  
97 24.4 11.2 33.6





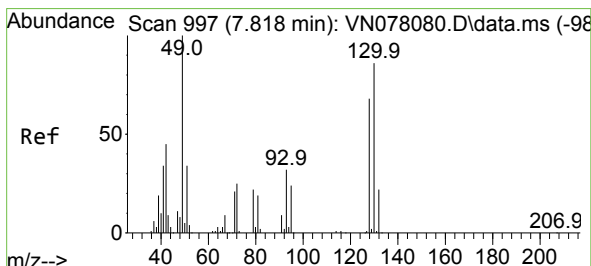
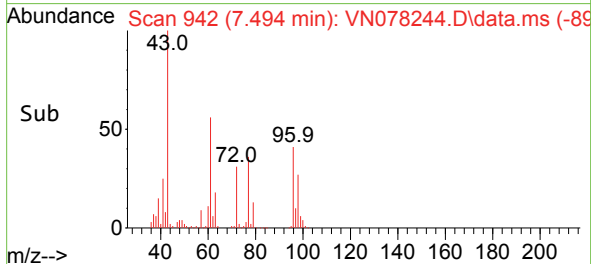
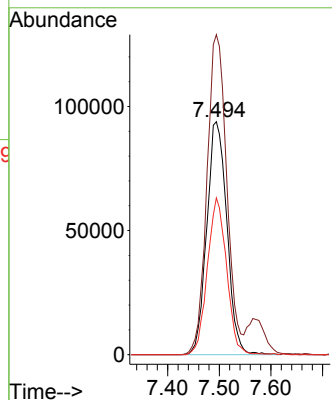
#27  
 cis-1,2-Dichloroethene  
 Concen: 47.936 ug/l  
 RT: 7.494 min Scan# 942  
 Delta R.T. -0.000 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 96 Resp: 253933  

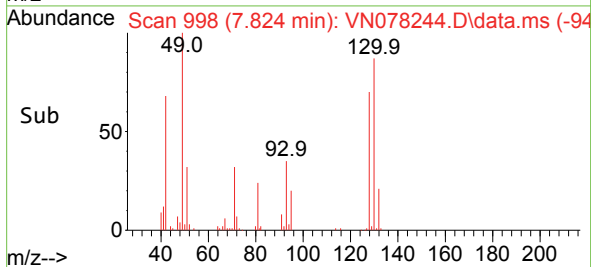
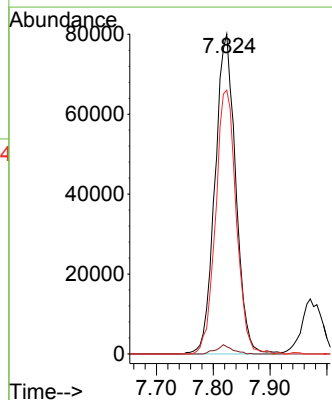
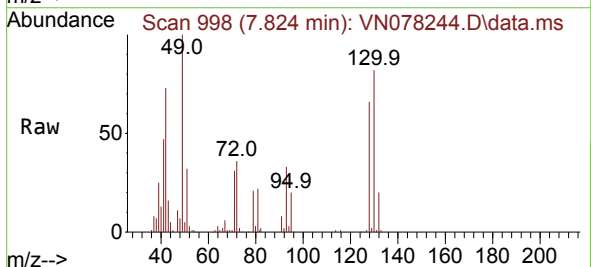
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 135.7 | 0.0   | 255.2 |
| 98  | 64.4  | 0.0   | 128.8 |

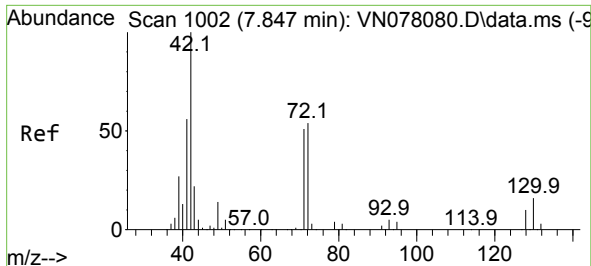


#28  
 Bromochloromethane  
 Concen: 56.498 ug/l  
 RT: 7.824 min Scan# 998  
 Delta R.T. 0.006 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

Tgt Ion: 49 Resp: 202318  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 4.8   |
| 130 | 82.4  | 75.3  | 112.9 |





#29

Tetrahydrofuran

Concen: 264.113 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

ClientSampleId :

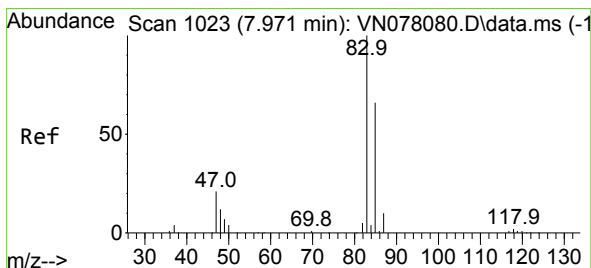
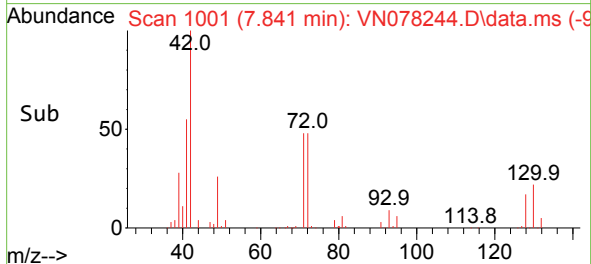
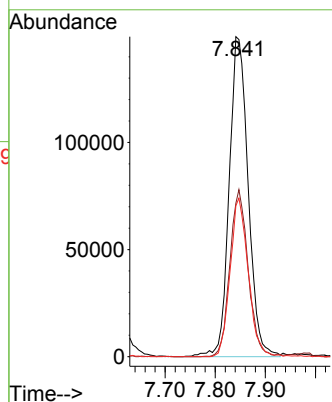
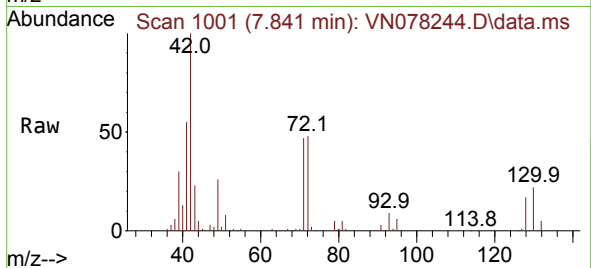
Tgt Ion: 42 Resp: 392896

Ion Ratio Lower Upper

42 100

72 50.2 49.8 74.6

71 47.5 47.4 71.2



#30

Chloroform

Concen: 51.425 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078244.D

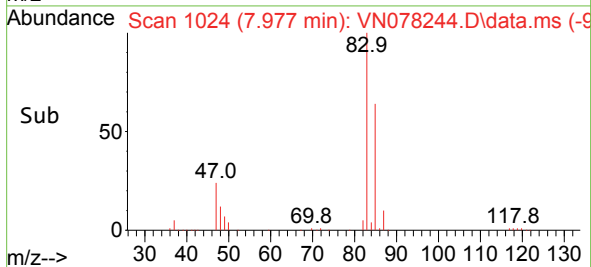
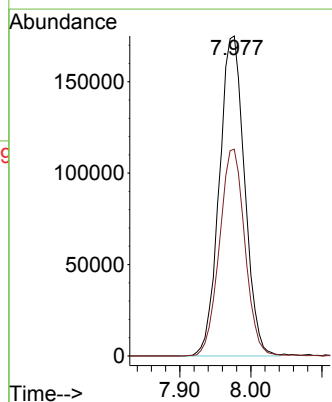
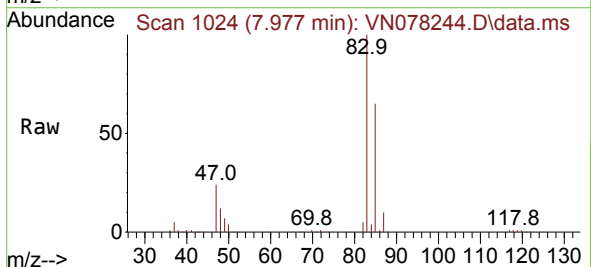
Acq: 15 Jun 2023 21:34

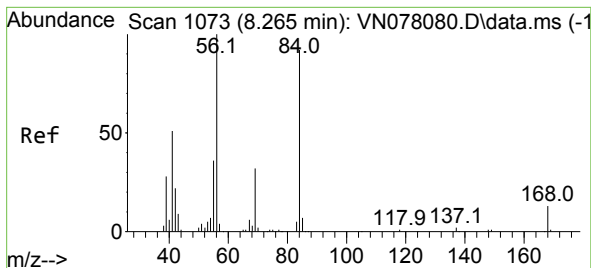
Tgt Ion: 83 Resp: 431888

Ion Ratio Lower Upper

83 100

85 64.6 55.4 83.0





#31

Cyclohexane

Concen: 46.641 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

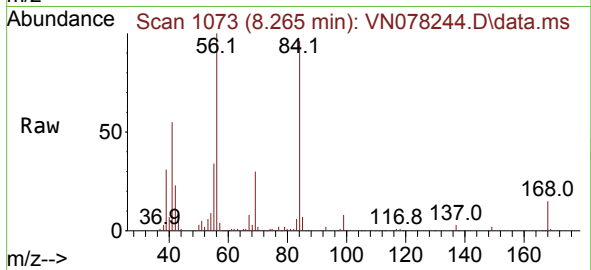
Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

ClientSampleId :



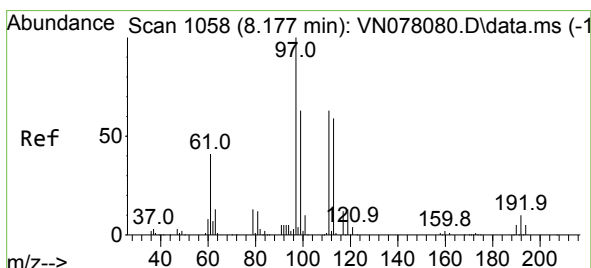
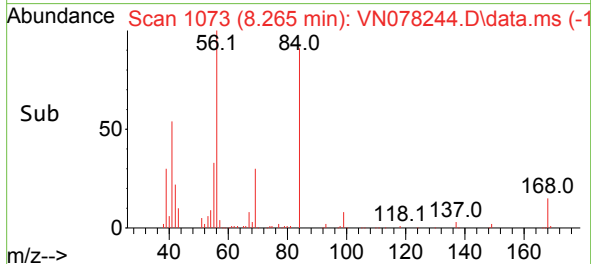
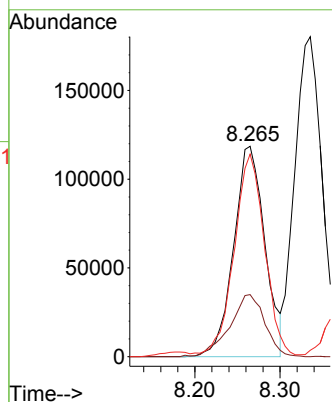
Tgt Ion: 56 Resp: 300787

Ion Ratio Lower Upper

56 100

69 29.5 26.8 40.2

84 94.1 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 51.016 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

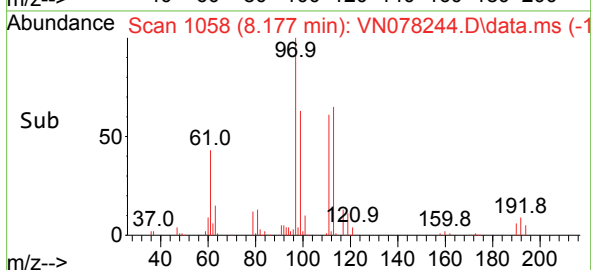
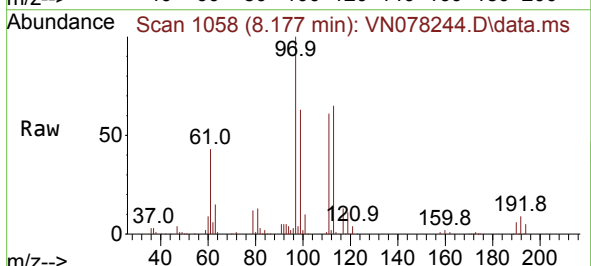
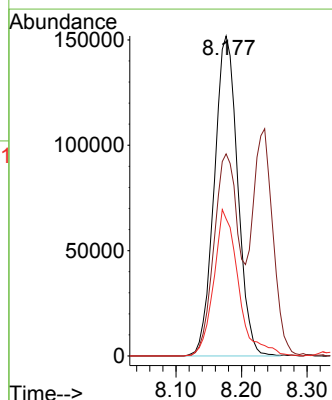
Tgt Ion: 97 Resp: 376151

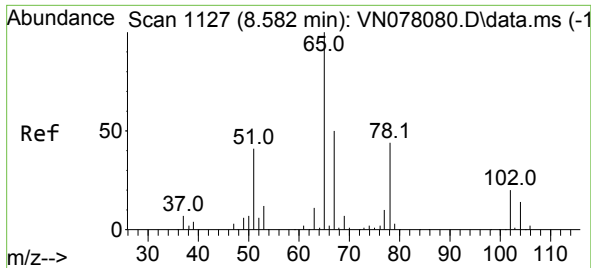
Ion Ratio Lower Upper

97 100

99 67.2 50.3 75.5

61 48.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.785 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

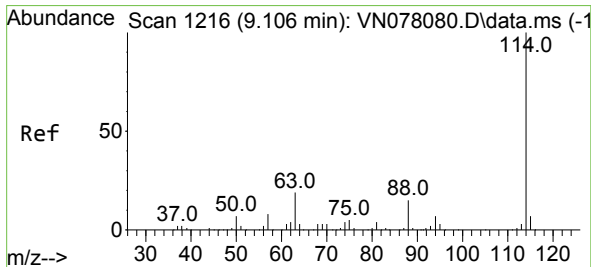
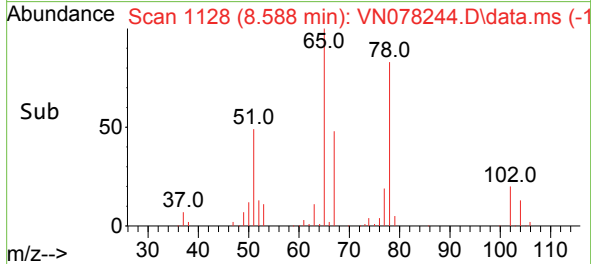
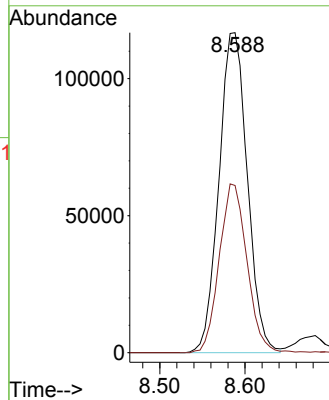
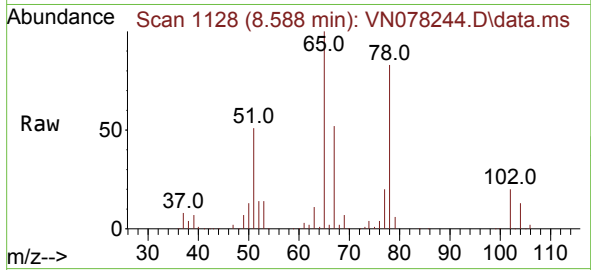
ClientSampleId :

Tgt Ion: 65 Resp: 270397

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

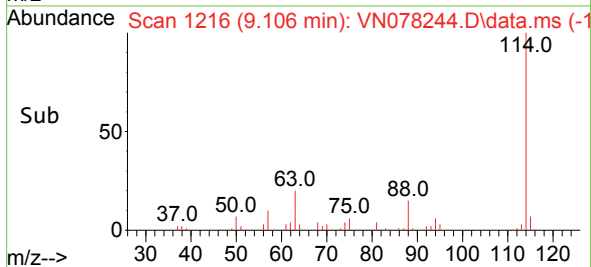
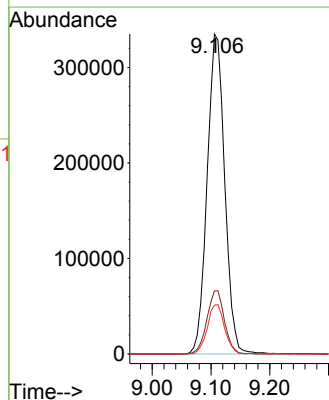
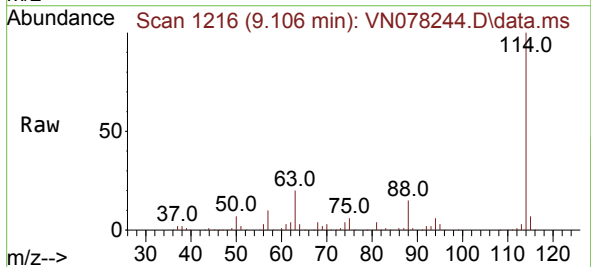
Tgt Ion:114 Resp: 696148

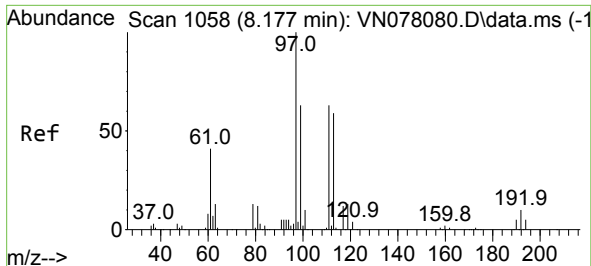
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

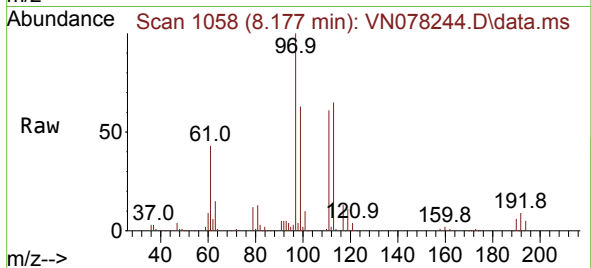
88 15.3 0.0 30.6



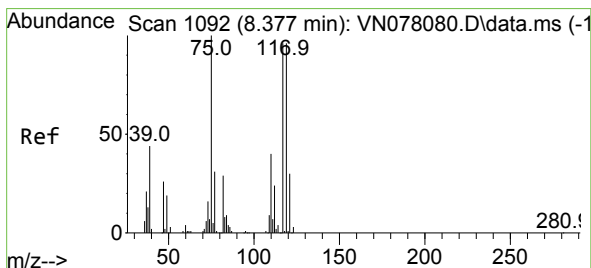
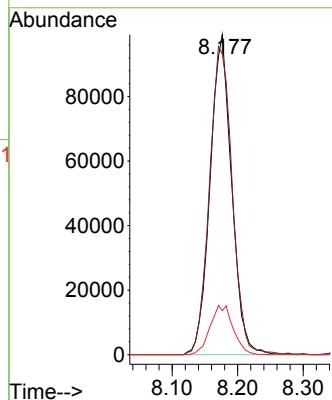
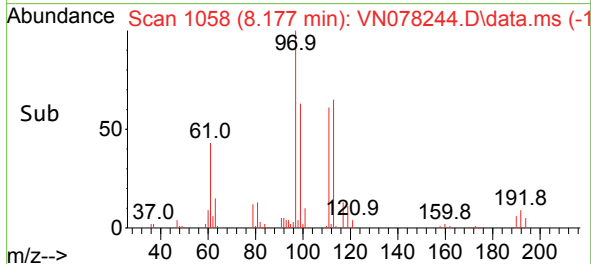


#35  
Dibromofluoromethane  
Concen: 51.395 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

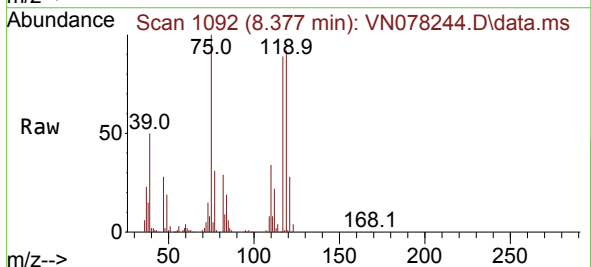
Instrument :  
MSVOA\_N  
ClientSampleId :



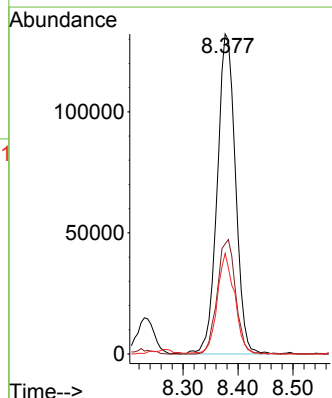
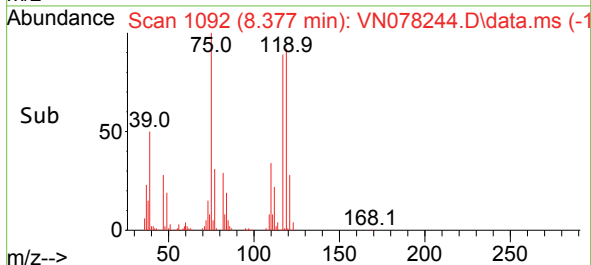
Tgt Ion:113 Resp: 226223  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.6 123.8  
192 16.5 12.7 19.1

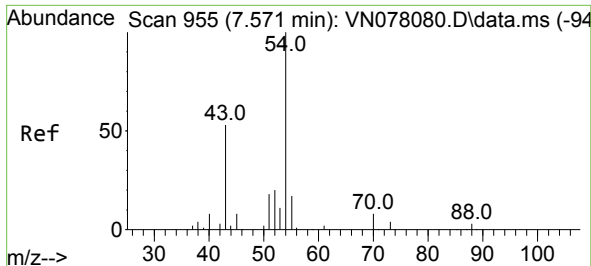


#36  
1,1-Dichloropropene  
Concen: 48.339 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34



Tgt Ion: 75 Resp: 305194  
Ion Ratio Lower Upper  
75 100  
110 36.0 19.1 57.3  
77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 49.351 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

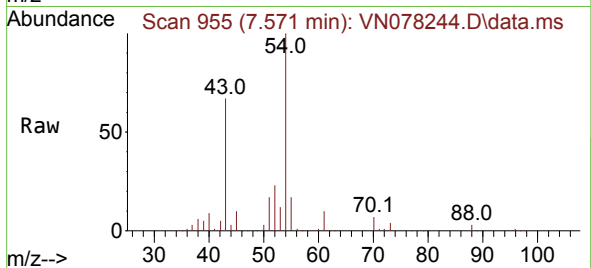
Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

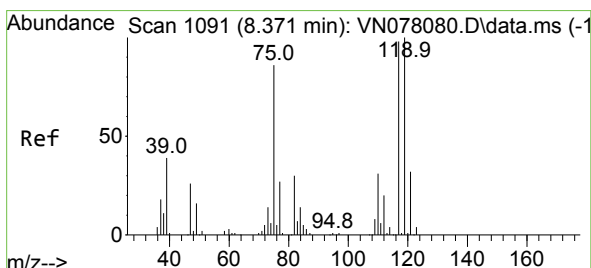
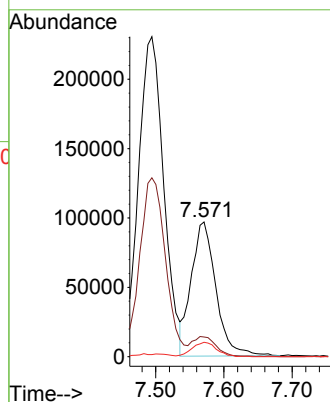
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 243412 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 13.9  | 13.2  | 19.8   |
| 70       | 10.7  | 11.3  | 16.9   |



#38

Carbon Tetrachloride

Concen: 49.618 ug/l

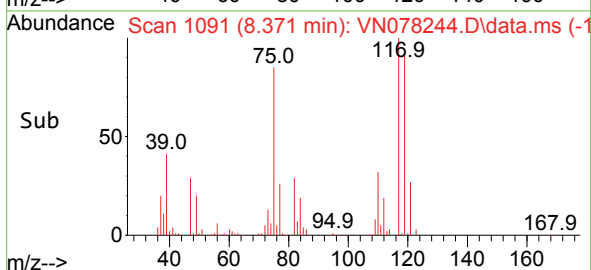
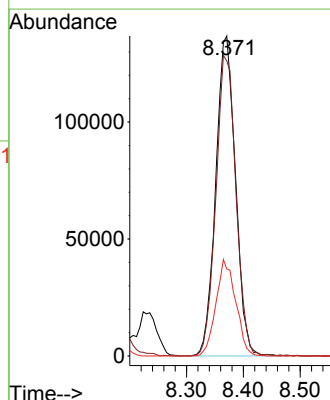
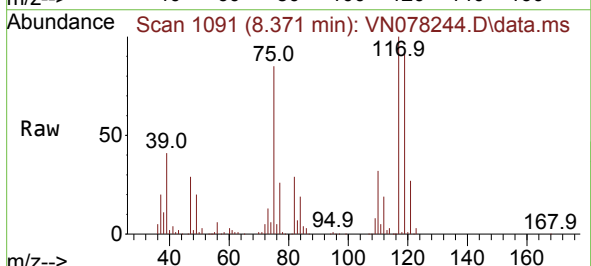
RT: 8.371 min Scan# 1091

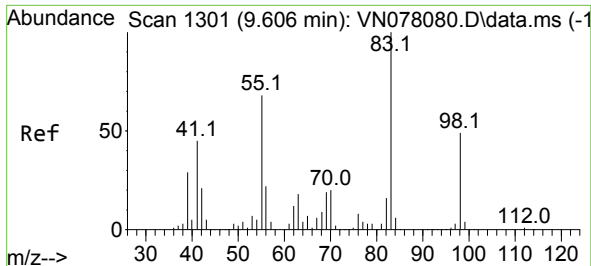
Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 330786 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 92.2  | 77.3  | 115.9  |
| 121      | 27.2  | 23.3  | 34.9   |





#39

Methylcyclohexane

Concen: 42.767 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

ClientSampleId :

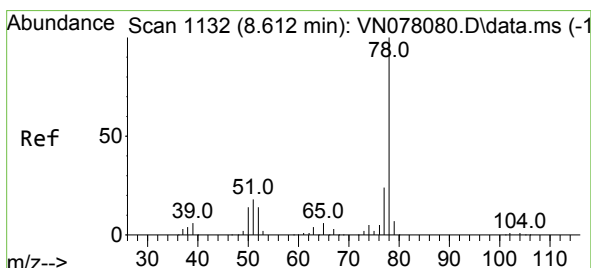
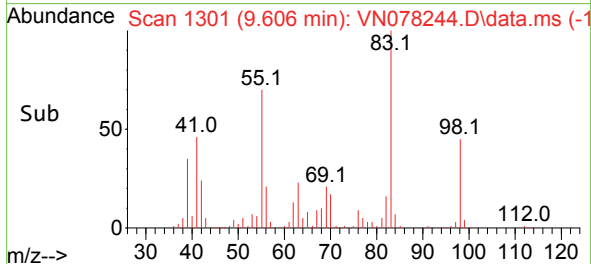
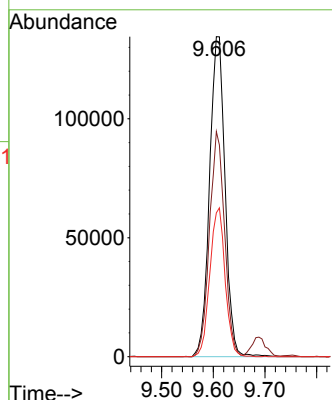
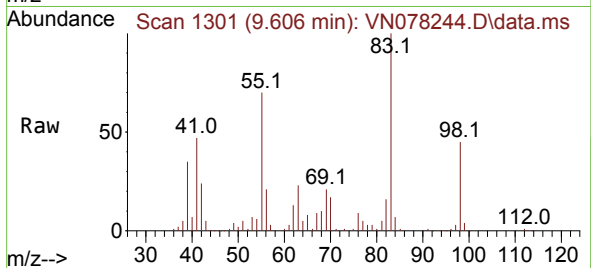
Tgt Ion: 83 Resp: 279828

Ion Ratio Lower Upper

83 100

55 70.3 49.1 73.7

98 45.0 40.6 61.0



#40

Benzene

Concen: 49.873 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078244.D

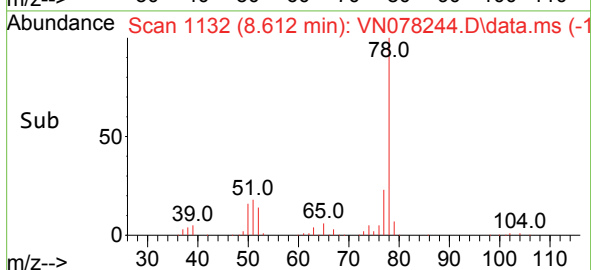
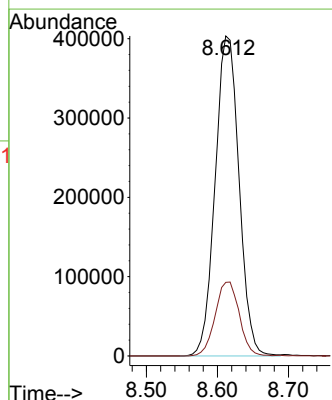
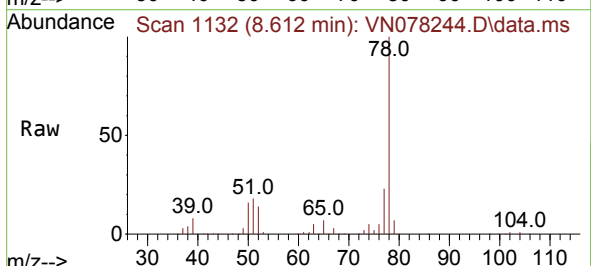
Acq: 15 Jun 2023 21:34

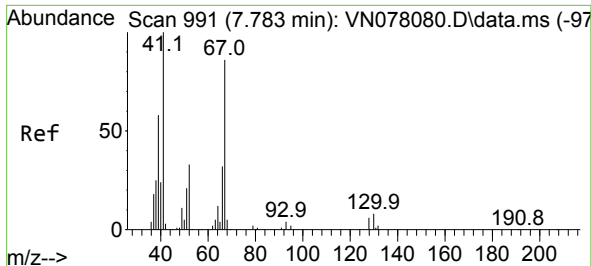
Tgt Ion: 78 Resp: 940045

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

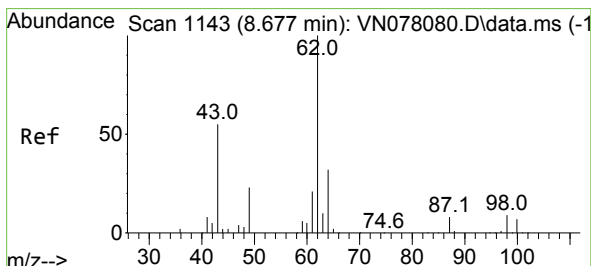
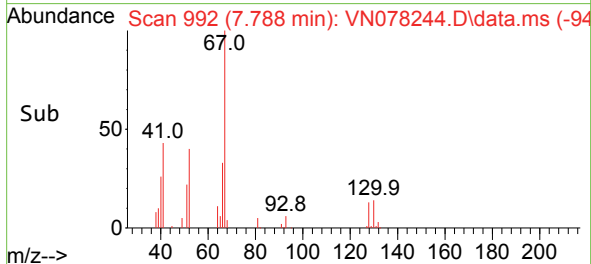
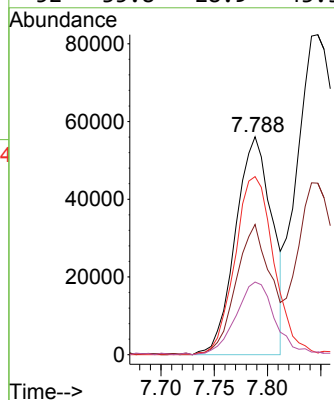
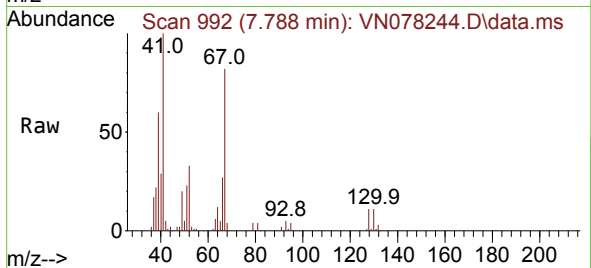




#41  
Methacrylonitrile  
Concen: 50.184 ug/l  
RT: 7.788 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

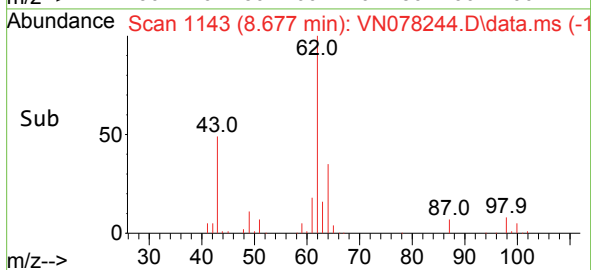
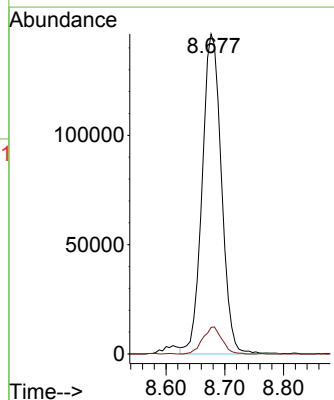
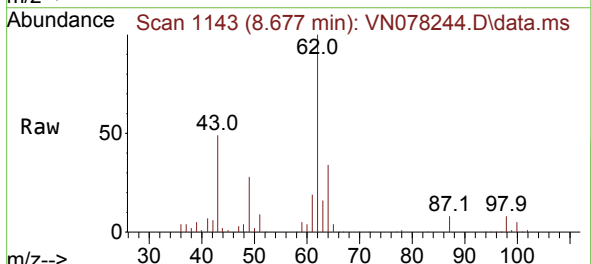
Instrument :  
MSVOA\_N  
ClientSampleId :

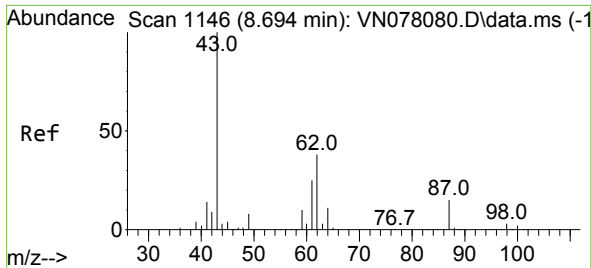
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 134164 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 56.6  | 42.6  | 64.0   |
| 67       | 86.9  | 77.5  | 116.3  |
| 52       | 35.8  | 28.9  | 43.3   |



#42  
1,2-Dichloroethane  
Concen: 51.629 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 333662 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.4   | 0.0   | 19.8   |

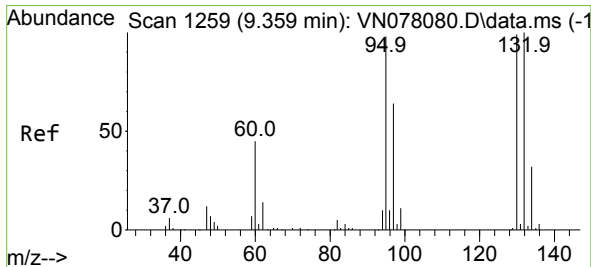
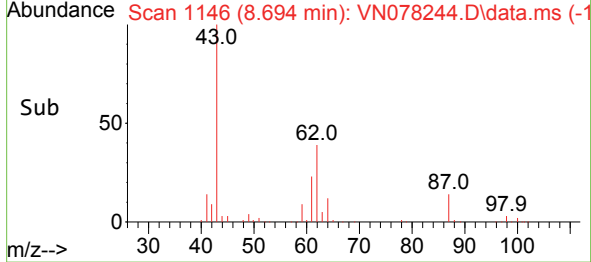
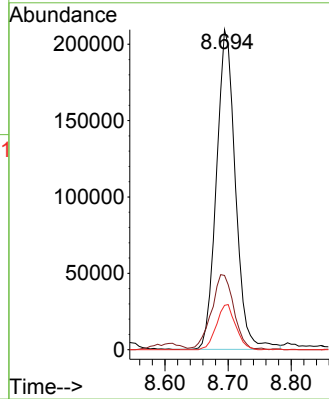
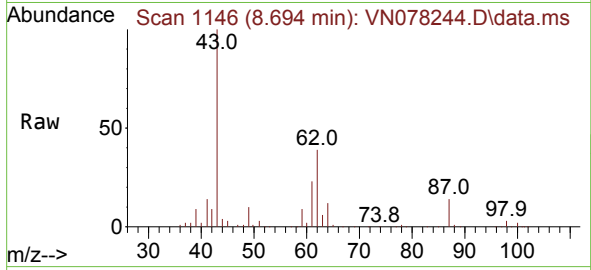




#43  
Isopropyl Acetate  
Concen: 46.391 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

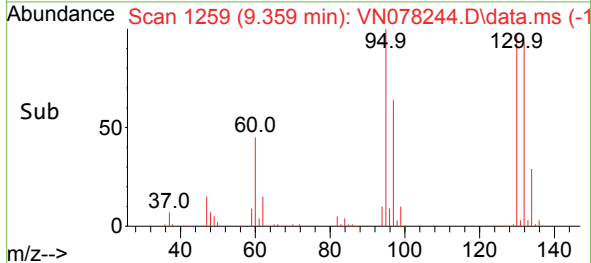
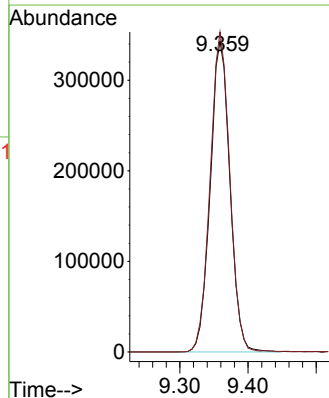
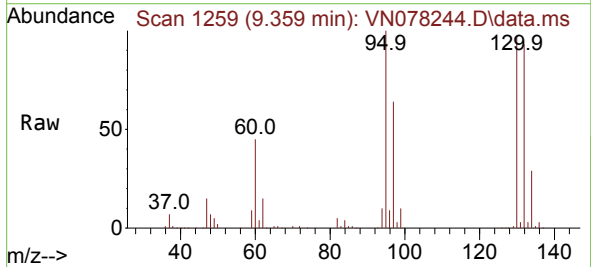
Instrument :  
MSVOA\_N  
ClientSampleId :

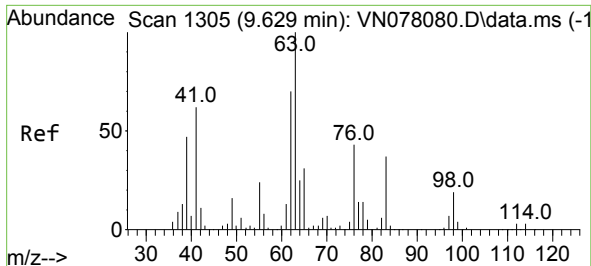
Tgt Ion: 43 Resp: 437595  
Ion Ratio Lower Upper  
43 100  
61 27.7 24.7 37.1  
87 14.3 14.6 21.8#



#44  
Trichloroethene  
Concen: 138.370 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion:130 Resp: 688777  
Ion Ratio Lower Upper  
130 100  
95 103.0 0.0 204.6

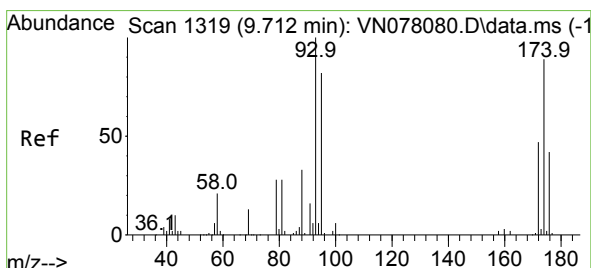
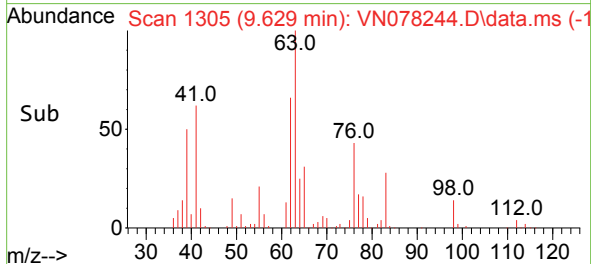
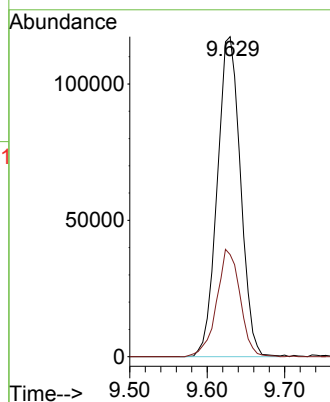
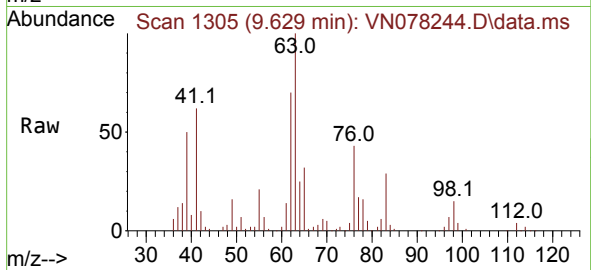




#45  
1,2-Dichloropropane  
Concen: 52.126 ug/l  
RT: 9.629 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

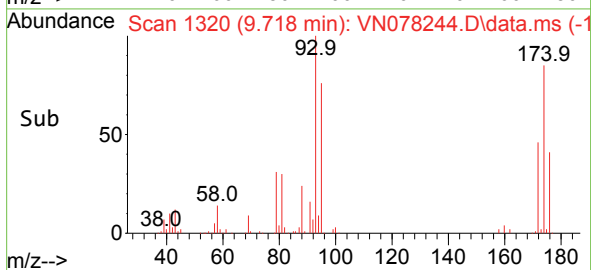
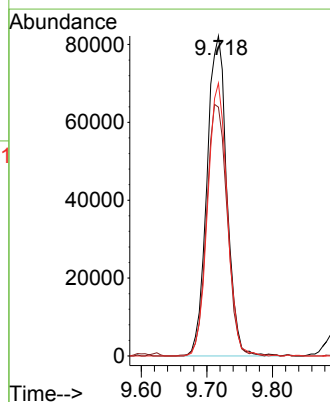
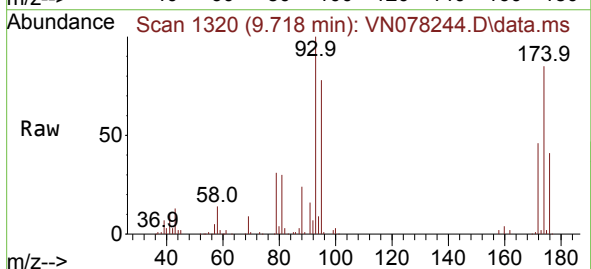
Instrument :  
MSVOA\_N  
ClientSampleId :

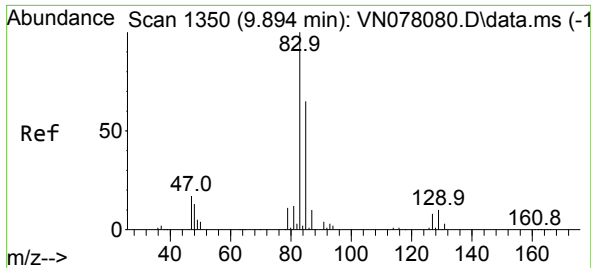
Tgt Ion: 63 Resp: 244450  
Ion Ratio Lower Upper  
63 100  
65 31.9 23.9 35.9



#46  
Dibromomethane  
Concen: 50.253 ug/l  
RT: 9.718 min Scan# 1320  
Delta R.T. 0.006 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

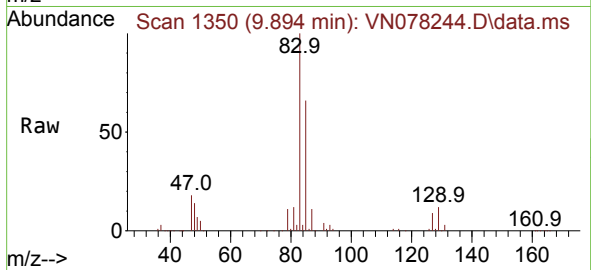
Tgt Ion: 93 Resp: 173586  
Ion Ratio Lower Upper  
93 100  
95 81.3 63.8 95.8  
174 83.9 65.6 98.4



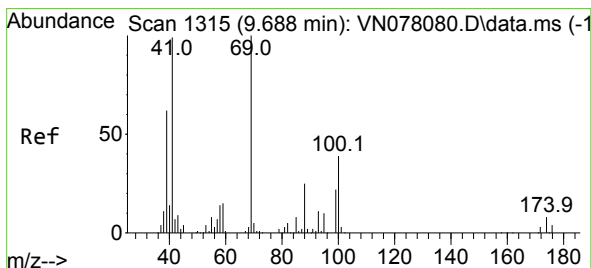
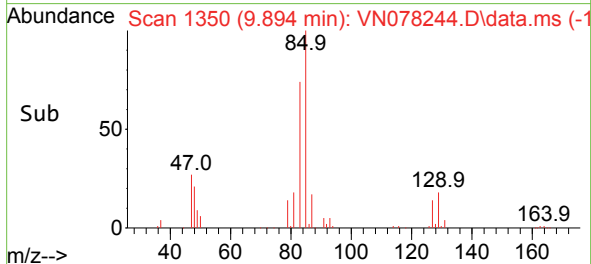
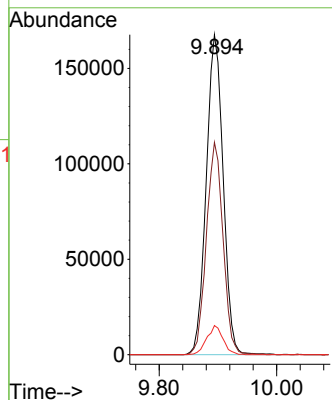


#47  
Bromodichloromethane  
Concen: 52.300 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Instrument :  
MSVOA\_N  
ClientSampleId :

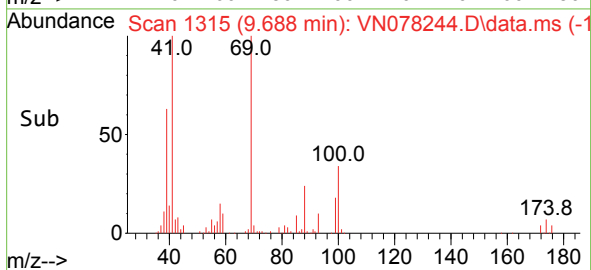
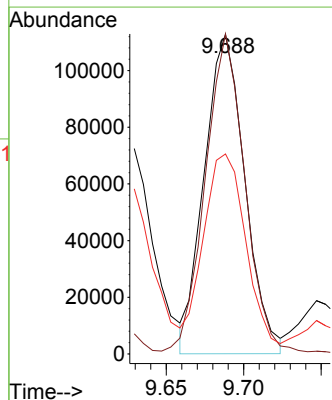
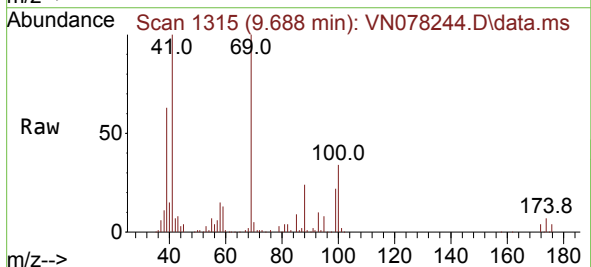


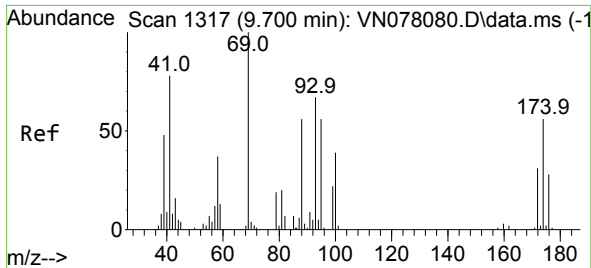
Tgt Ion: 83 Resp: 335576  
Ion Ratio Lower Upper  
83 100  
85 66.3 49.6 74.4  
127 9.1 7.0 10.6



#48  
Methyl methacrylate  
Concen: 51.733 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion: 41 Resp: 204782  
Ion Ratio Lower Upper  
41 100  
69 98.0 90.4 135.6  
39 66.5 54.6 81.8

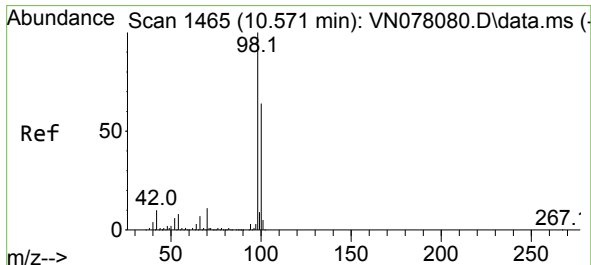
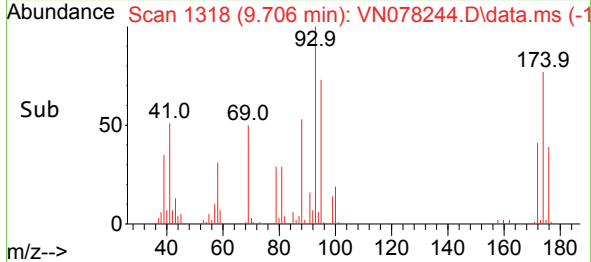
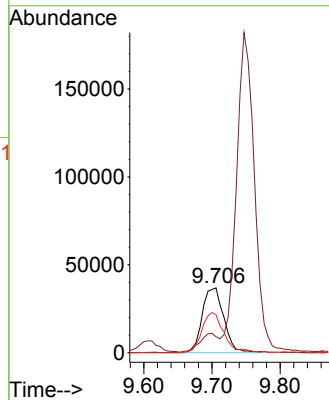
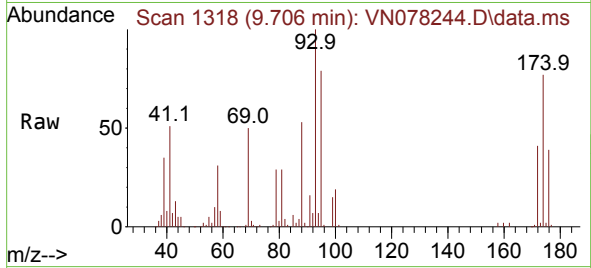




#49  
1,4-Dioxane  
Concen: 978.481 ug/l  
RT: 9.706 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

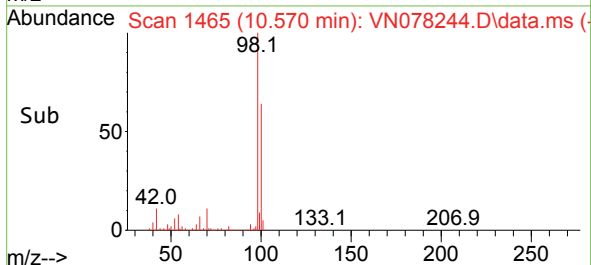
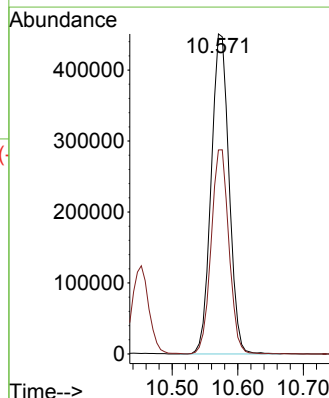
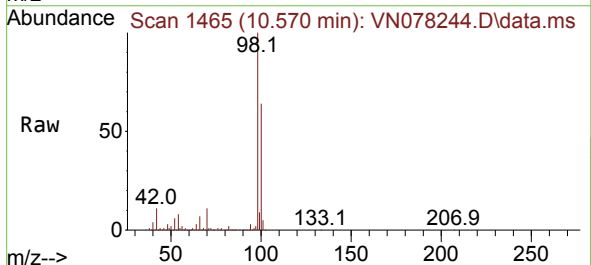
Instrument :  
MSVOA\_N  
ClientSampleId :

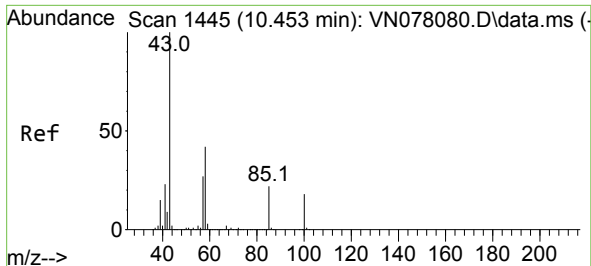
Tgt Ion: 88 Resp: 81408  
Ion Ratio Lower Upper  
88 100  
43 25.3 17.0 25.6  
58 63.3 47.0 70.4



#50  
Toluene-d8  
Concen: 50.186 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion: 98 Resp: 851592  
Ion Ratio Lower Upper  
98 100  
100 63.4 52.0 78.0

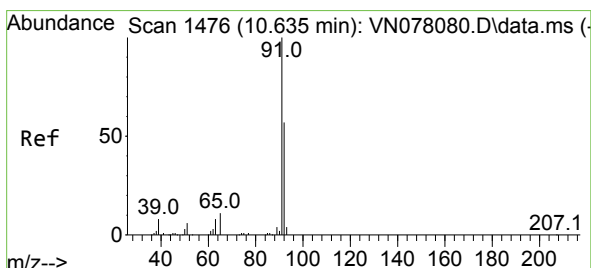
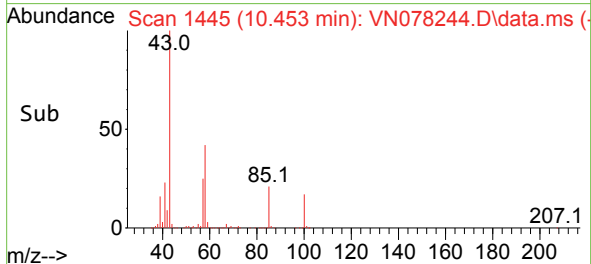
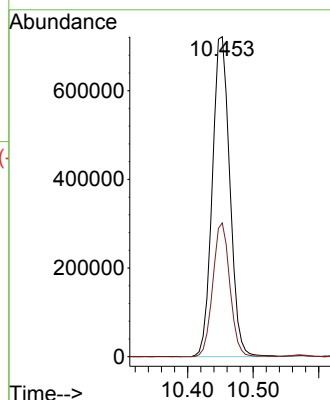
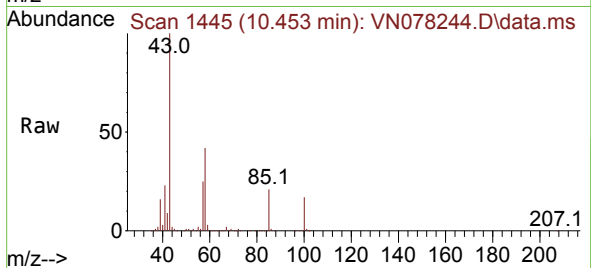




#51  
4-Methyl-2-Pentanone  
Concen: 269.893 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

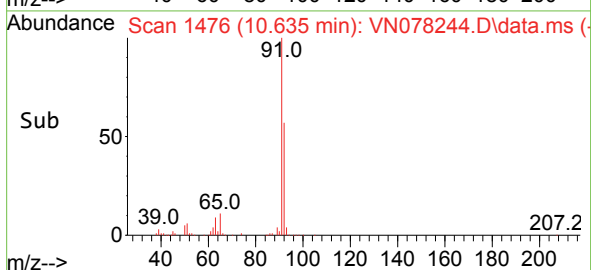
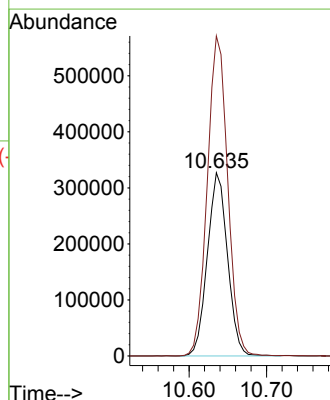
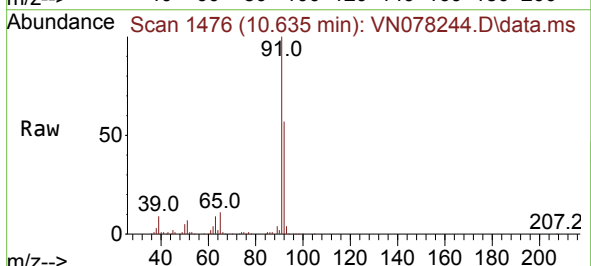
Instrument :  
MSVOA\_N  
ClientSampleId :

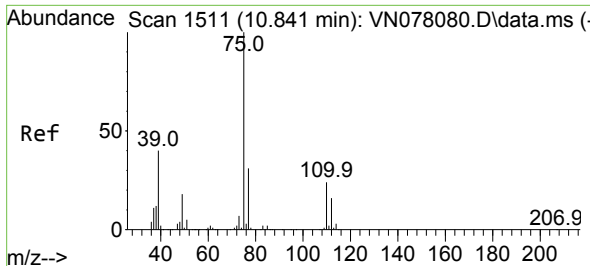
Tgt Ion: 43 Resp: 1340593  
Ion Ratio Lower Upper  
43 100  
58 40.7 36.6 54.8



#52  
Toluene  
Concen: 49.589 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion: 92 Resp: 590143  
Ion Ratio Lower Upper  
92 100  
91 177.0 137.4 206.0

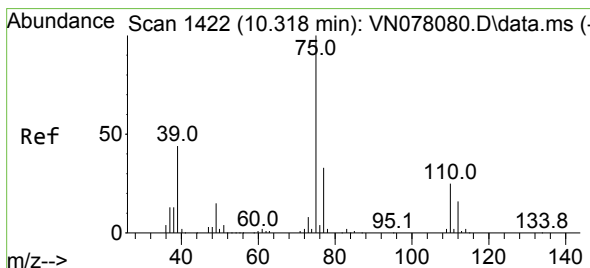
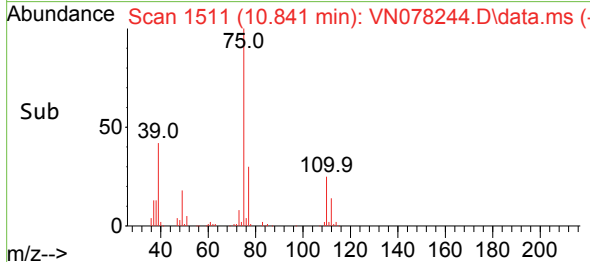
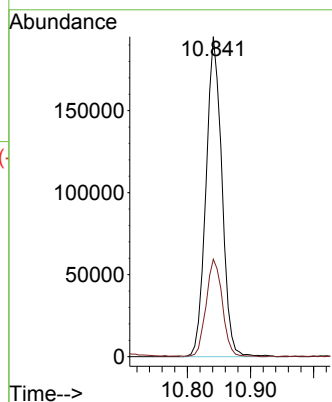
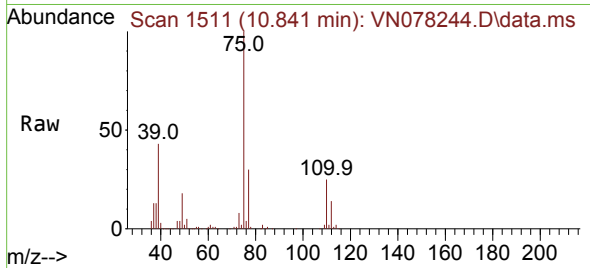




#53  
t-1,3-Dichloropropene  
Concen: 50.989 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

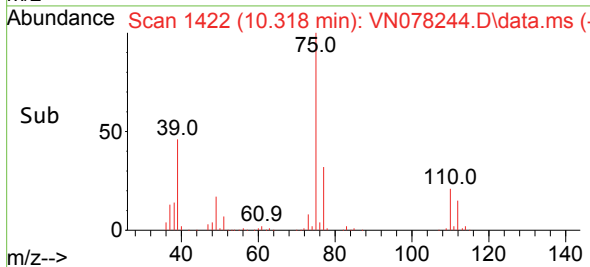
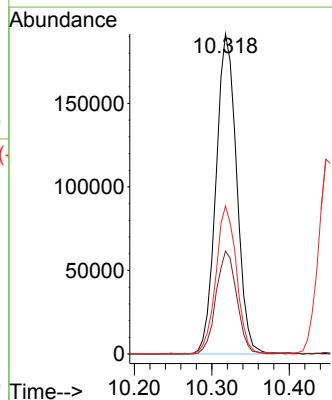
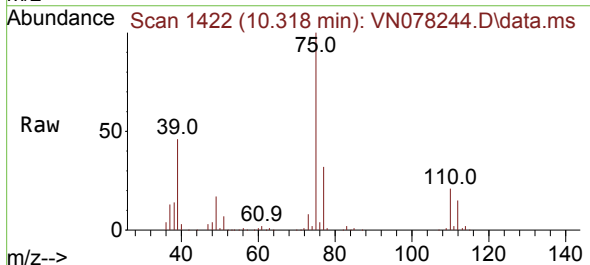
Instrument :  
MSVOA\_N  
ClientSampleId :

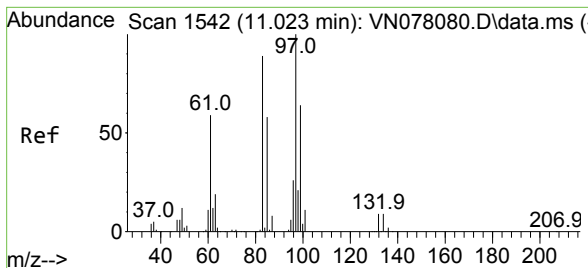
Tgt Ion: 75 Resp: 340721  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 48.073 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion: 75 Resp: 355102  
Ion Ratio Lower Upper  
75 100  
77 32.2 26.1 39.1  
39 46.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 52.755 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. -0.000 min

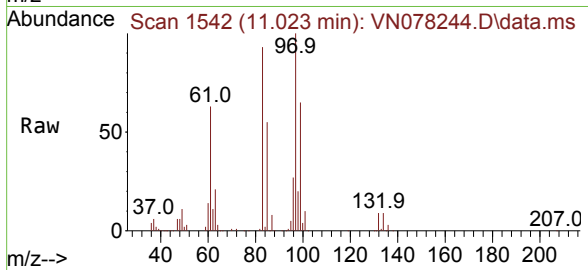
Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 237498

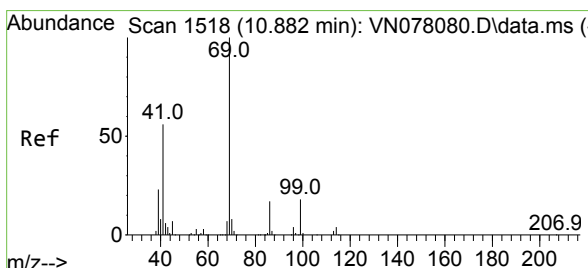
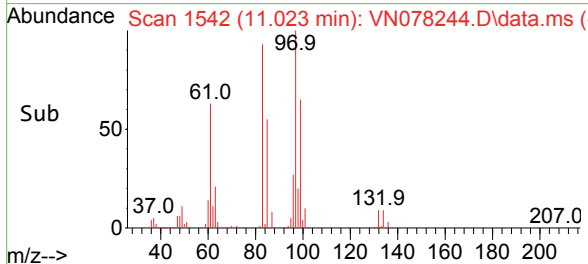
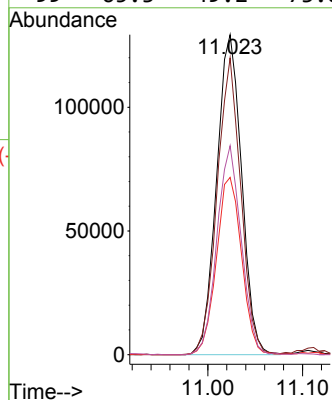
Ion Ratio Lower Upper

97 100

83 92.8 65.1 97.7

85 55.4 43.4 65.2

99 65.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 52.449 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

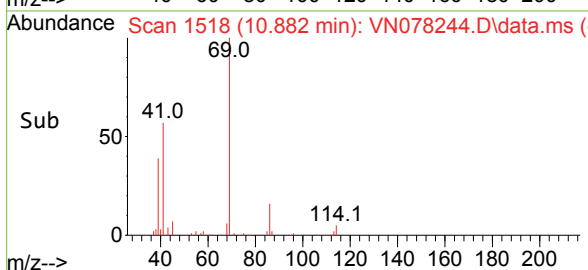
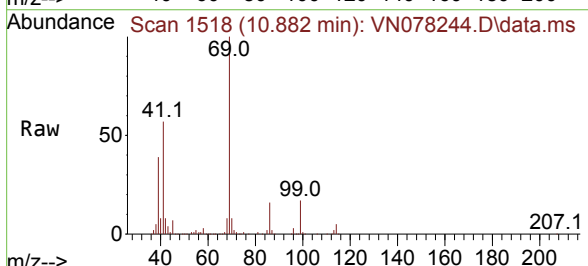
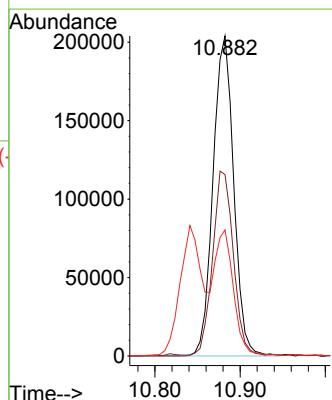
Tgt Ion: 69 Resp: 343808

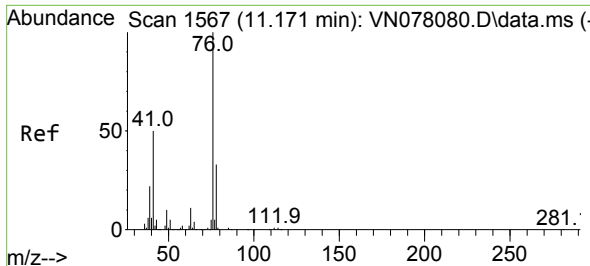
Ion Ratio Lower Upper

69 100

41 57.4 39.6 59.4

39 34.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 52.607 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

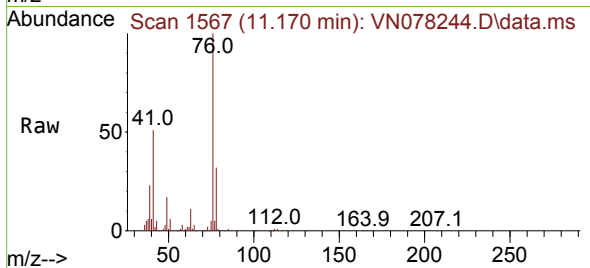
Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

ClientSampleId :

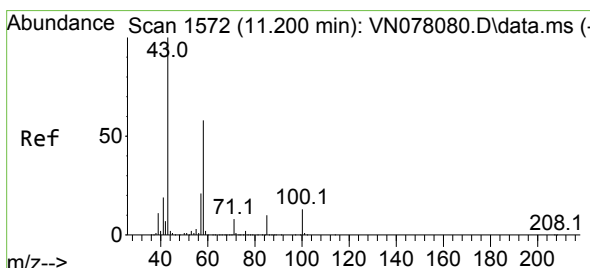
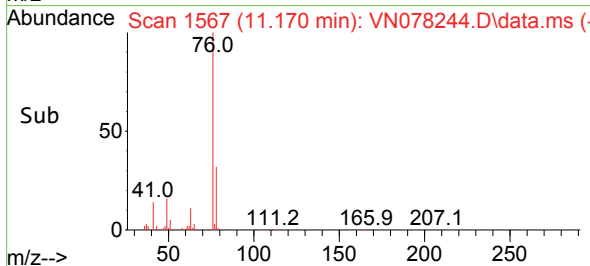
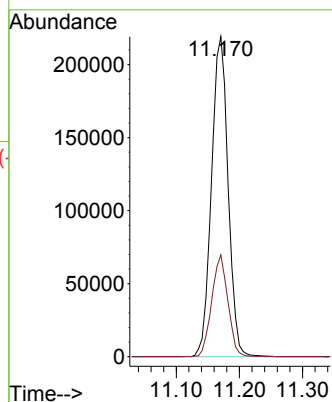


Tgt Ion: 76 Resp: 399762

Ion Ratio Lower Upper

76 100

78 30.9 26.1 39.1



#59

2-Hexanone

Concen: 269.414 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VN078244.D

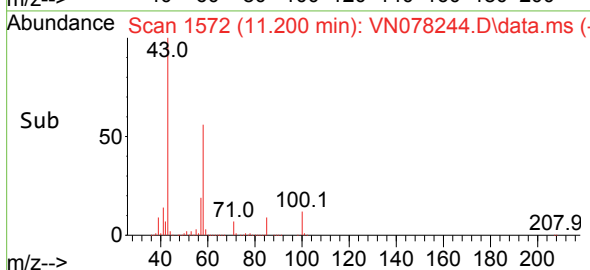
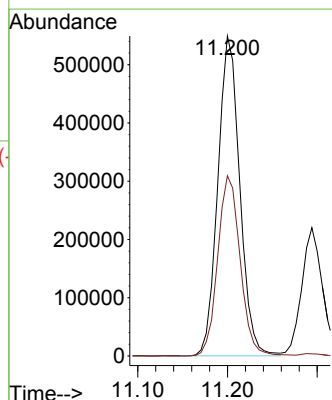
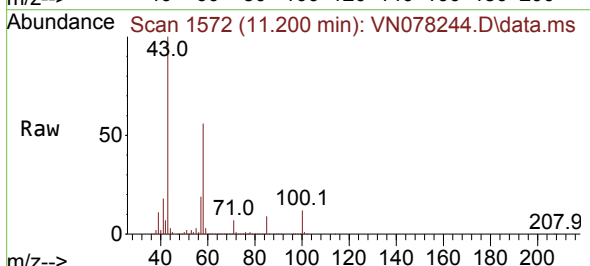
Acq: 15 Jun 2023 21:34

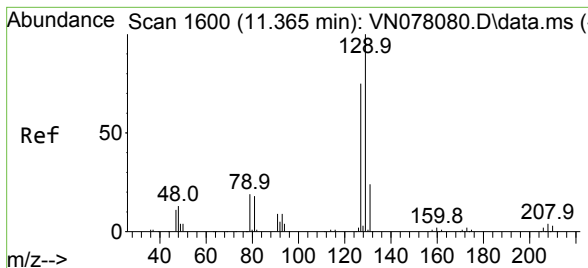
Tgt Ion: 43 Resp: 931787

Ion Ratio Lower Upper

43 100

58 57.7 31.7 95.1





#60

Dibromochloromethane

Concen: 51.881 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

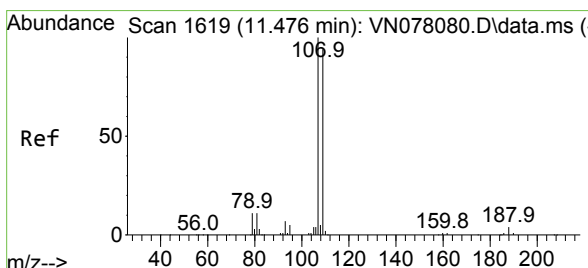
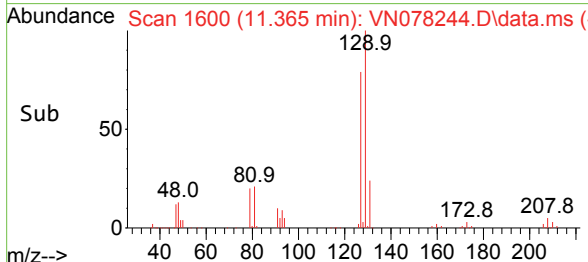
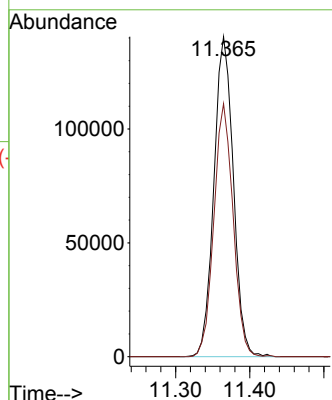
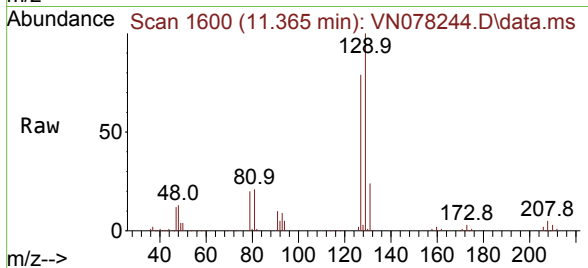
ClientSampleId :

Tgt Ion:129 Resp: 255578

Ion Ratio Lower Upper

129 100

127 78.3 38.6 116.0



#61

1,2-Dibromoethane

Concen: 50.719 ug/l

RT: 11.476 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VN078244.D

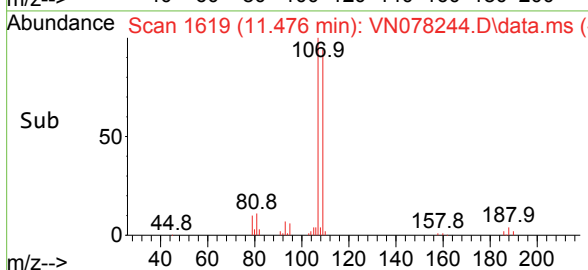
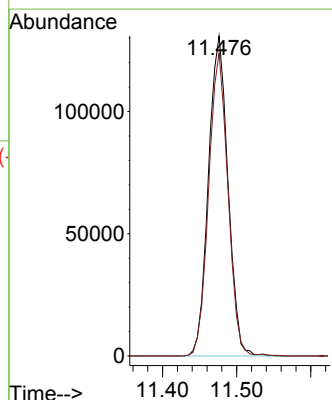
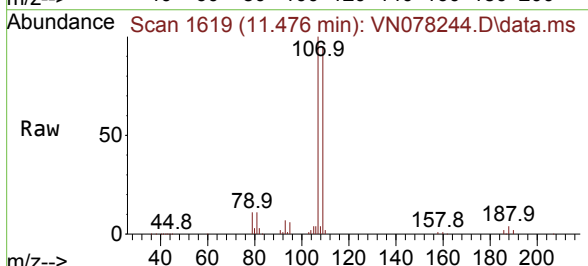
Acq: 15 Jun 2023 21:34

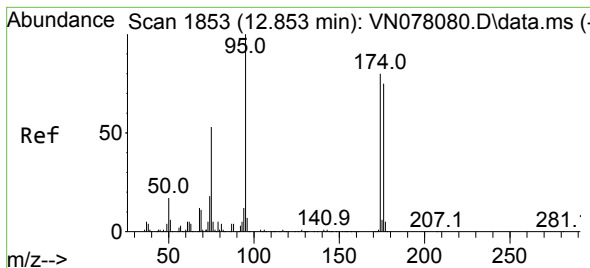
Tgt Ion:107 Resp: 239616

Ion Ratio Lower Upper

107 100

109 93.1 76.6 114.8

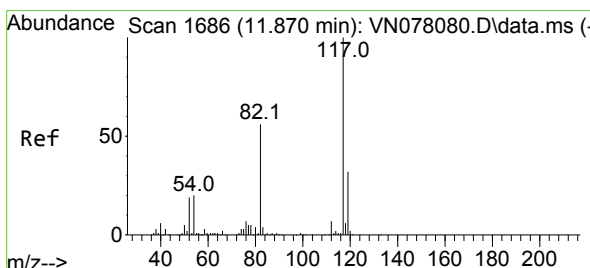
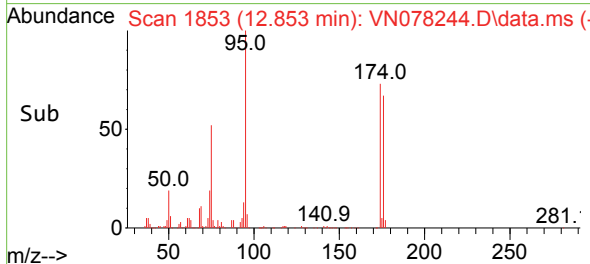
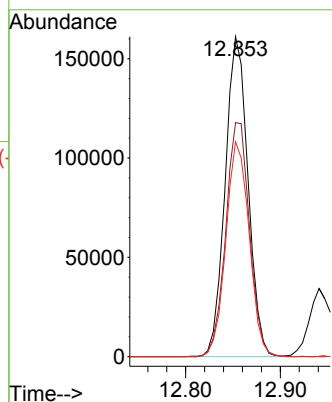
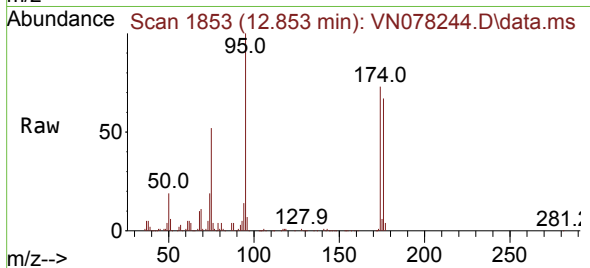




#62  
4-Bromofluorobenzene  
Concen: 51.153 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

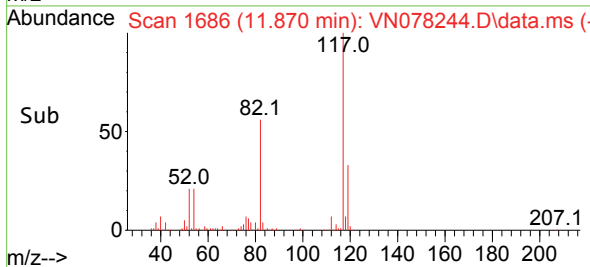
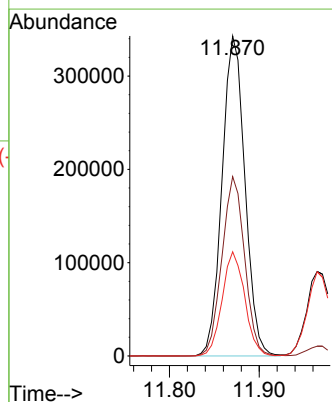
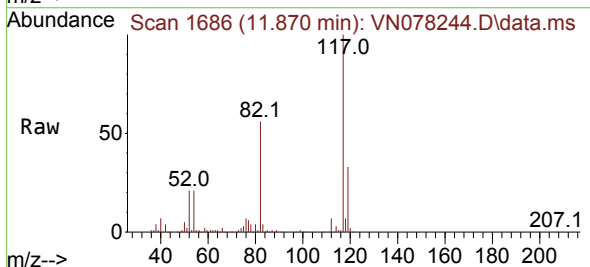
Instrument :  
MSVOA\_N  
ClientSampleId :

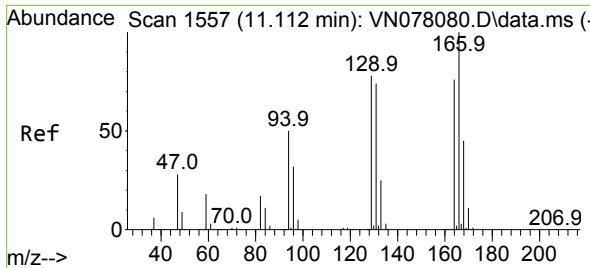
Tgt Ion: 95 Resp: 269842  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 143.8  
176 68.5 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

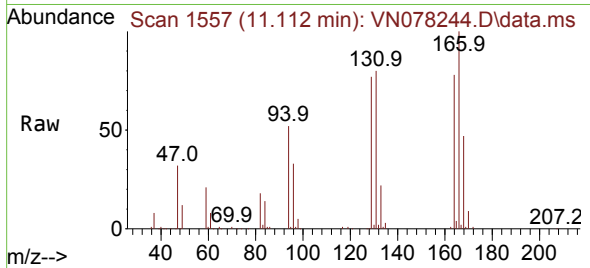
Tgt Ion: 117 Resp: 607171  
Ion Ratio Lower Upper  
117 100  
82 56.1 44.0 66.0  
119 32.6 25.6 38.4



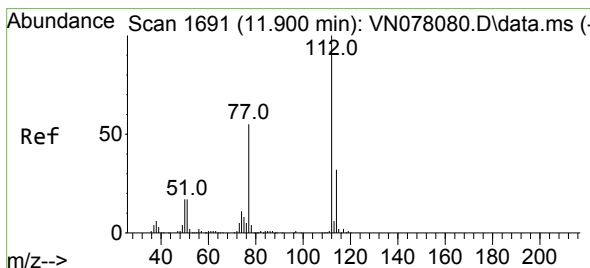
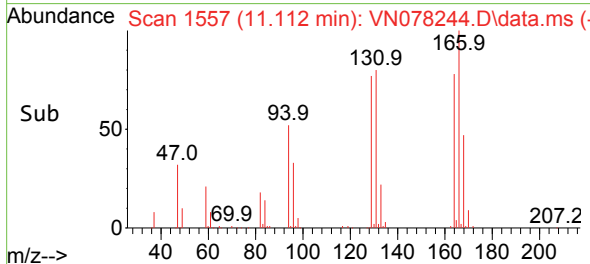
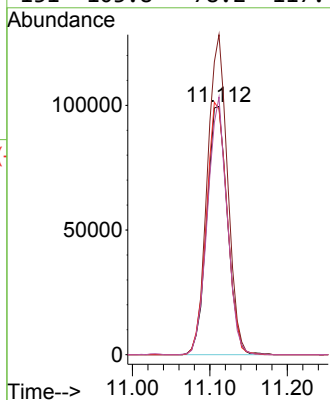


#64  
Tetrachloroethene  
Concen: 45.585 ug/l  
RT: 11.112 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Instrument :  
MSVOA\_N  
ClientSampleId :

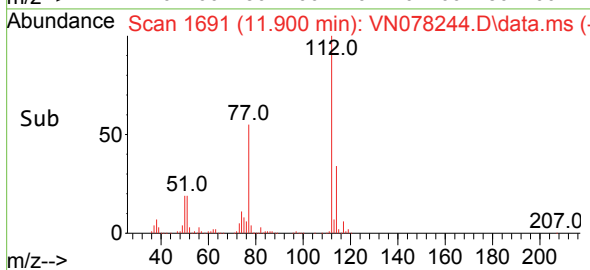
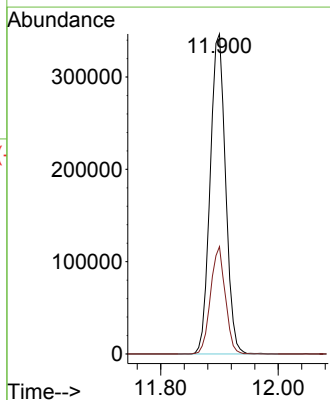
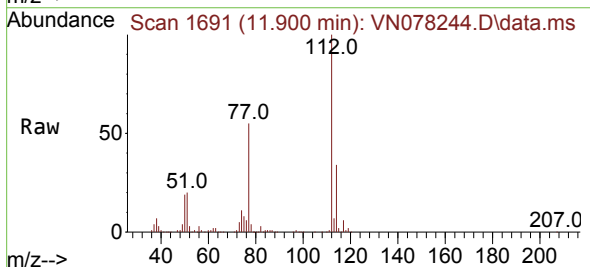


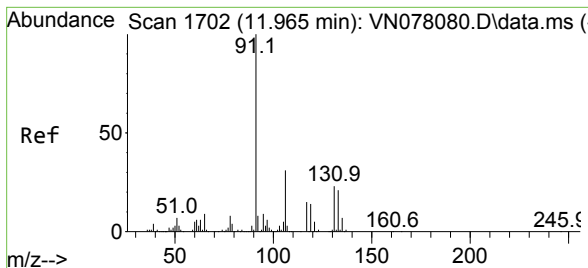
Tgt Ion:164 Resp: 184650  
Ion Ratio Lower Upper  
164 100  
166 129.0 101.4 152.0  
129 98.9 82.4 123.6  
131 103.8 78.2 117.4



#65  
Chlorobenzene  
Concen: 48.449 ug/l  
RT: 11.900 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion:112 Resp: 629976  
Ion Ratio Lower Upper  
112 100  
114 33.5 25.0 37.4

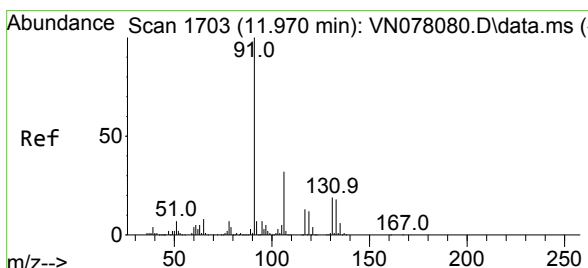
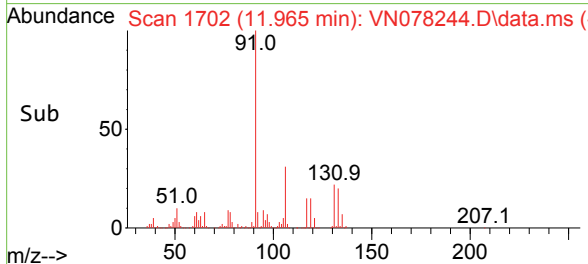
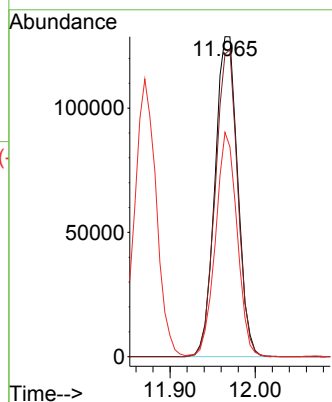
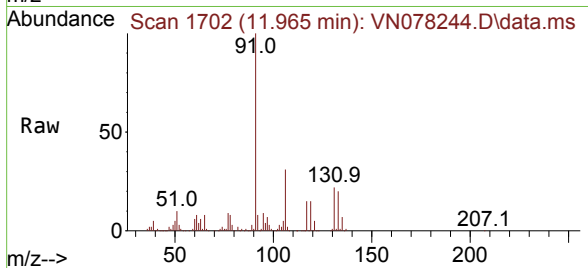




#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 49.930 ug/l  
 RT: 11.965 min Scan# 1702  
 Delta R.T. -0.000 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

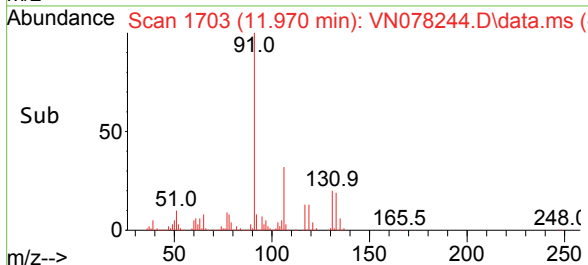
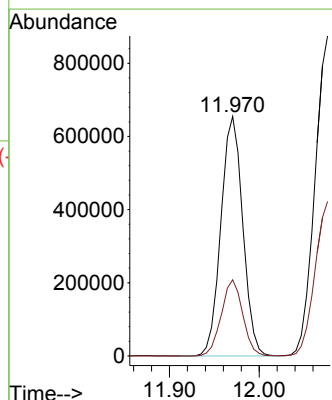
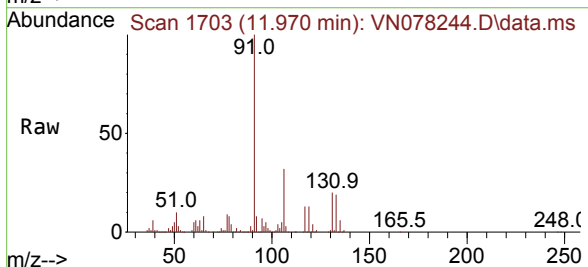
Instrument :  
 MSVOA\_N  
 ClientSampleId :

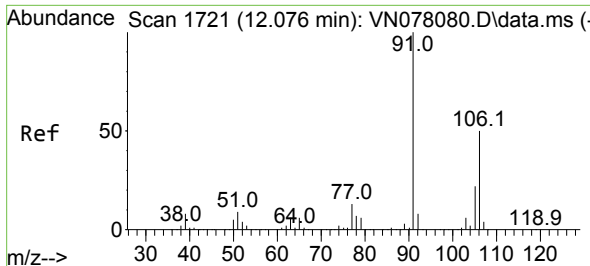
Tgt Ion:131 Resp: 238786  
 Ion Ratio Lower Upper  
 131 100  
 133 94.5 46.4 139.1  
 119 66.8 34.1 102.2



#67  
 Ethyl Benzene  
 Concen: 49.311 ug/l  
 RT: 11.970 min Scan# 1703  
 Delta R.T. -0.000 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

Tgt Ion: 91 Resp: 1106357  
 Ion Ratio Lower Upper  
 91 100  
 106 31.8 25.6 38.4

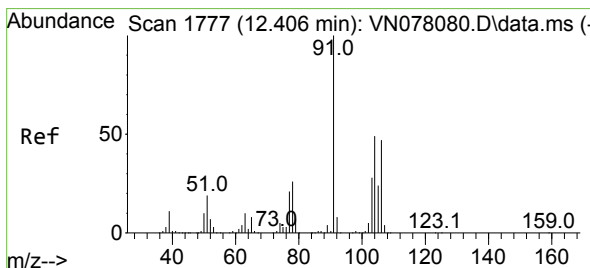
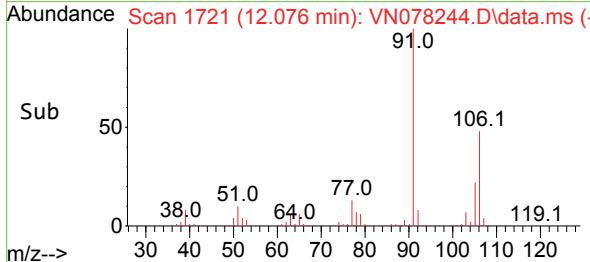
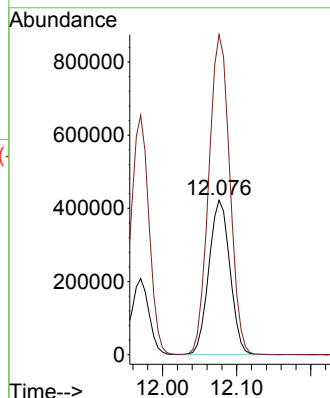
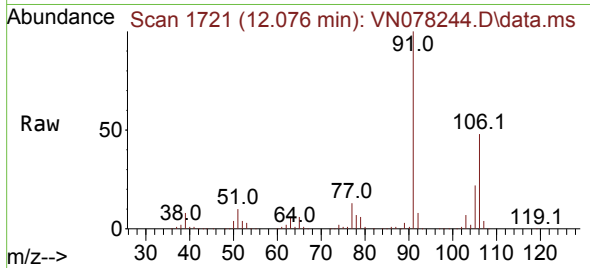




#68  
m/p-Xylenes  
Concen: 97.494 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

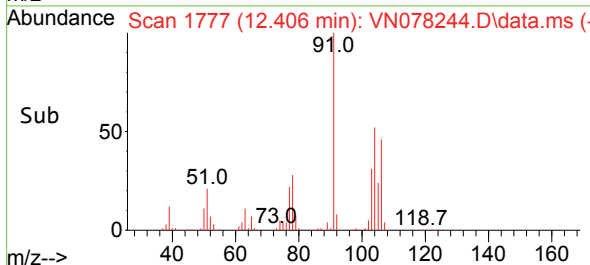
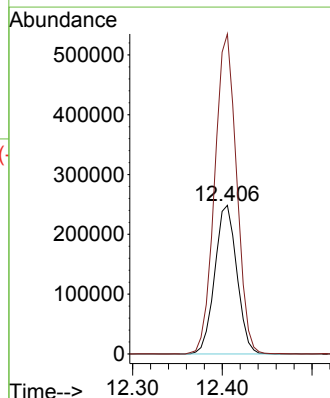
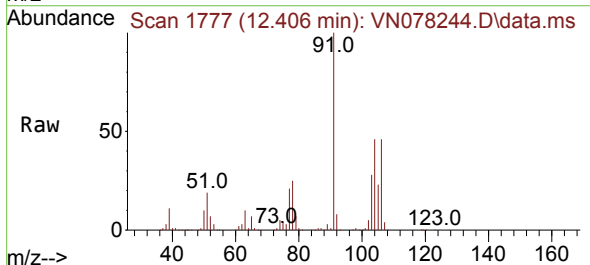
Instrument :  
MSVOA\_N  
ClientSampleId :

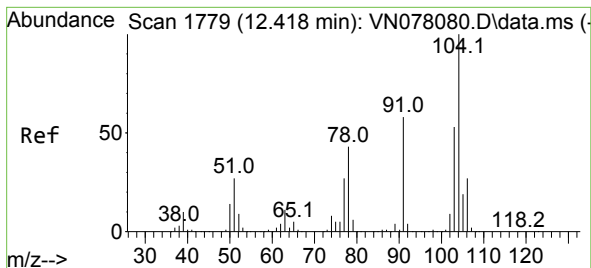
Tgt Ion:106 Resp: 833628  
Ion Ratio Lower Upper  
106 100  
91 206.6 159.6 239.4



#69  
o-Xylene  
Concen: 50.536 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion:106 Resp: 424334  
Ion Ratio Lower Upper  
106 100  
91 213.8 105.2 315.5





#70

Styrene

Concen: 50.930 ug/l

RT: 12.417 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

ClientSampleId :

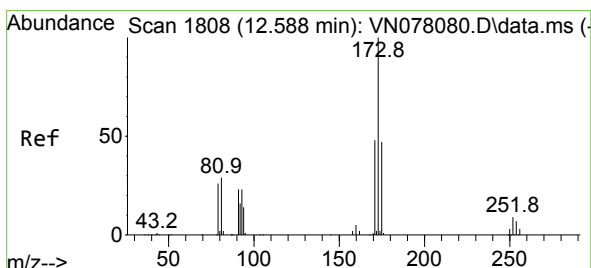
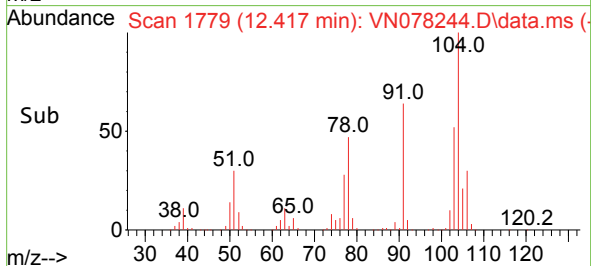
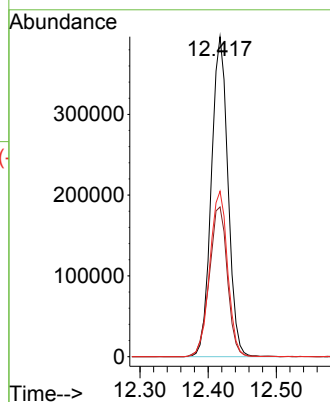
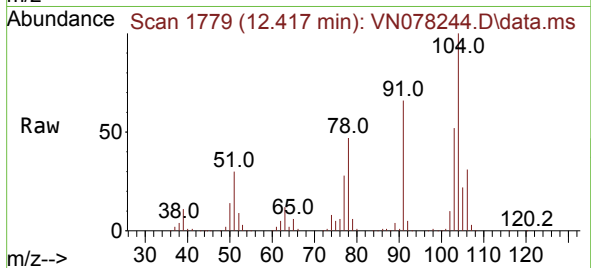
Tgt Ion:104 Resp: 673253

Ion Ratio Lower Upper

104 100

78 50.9 39.5 59.3

103 55.4 43.2 64.8



#71

Bromoform

Concen: 51.281 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

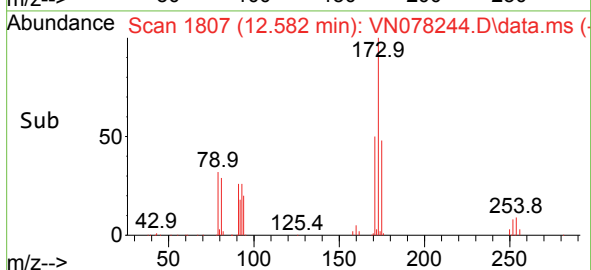
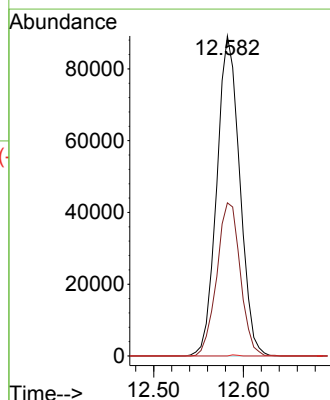
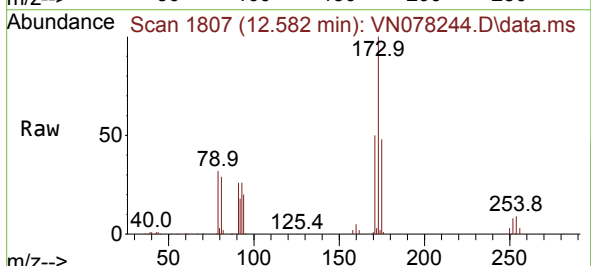
Tgt Ion:173 Resp: 158271

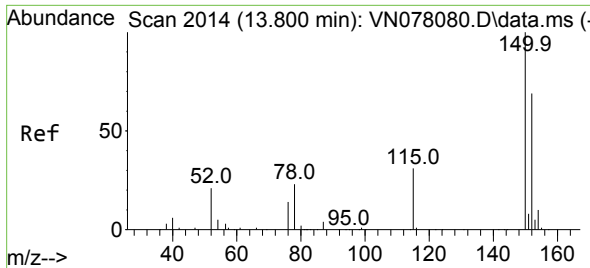
Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

254 0.1 0.0 0.0#

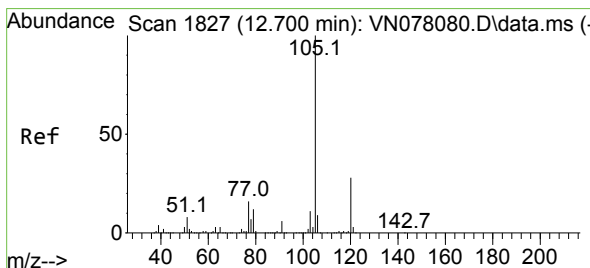
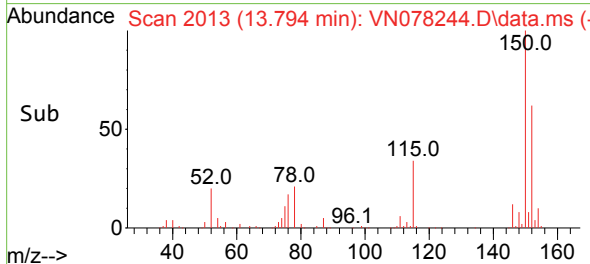
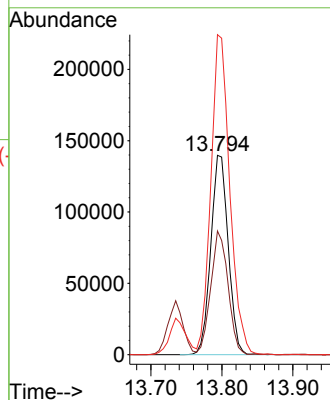
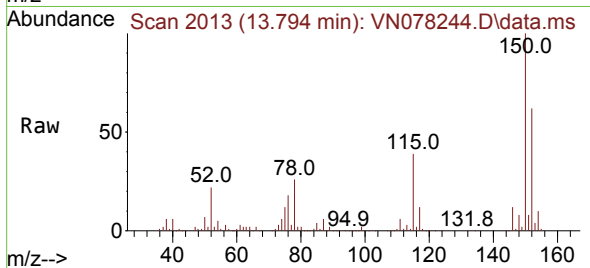




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 2014  
 Delta R.T. -0.006 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

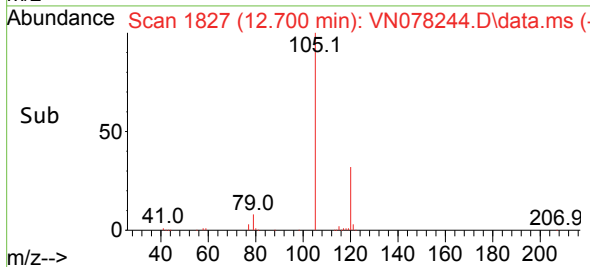
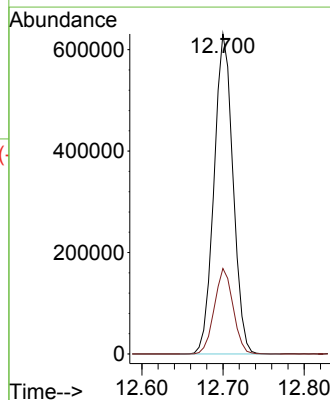
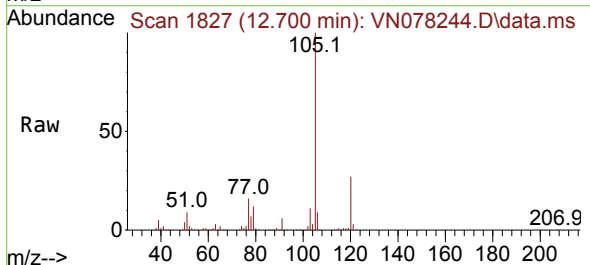
Instrument :  
 MSVOA\_N  
 ClientSampleId :

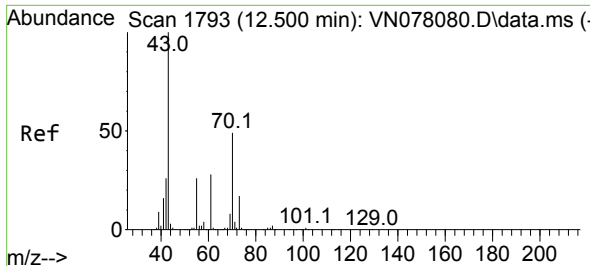
Tgt Ion:152 Resp: 237792  
 Ion Ratio Lower Upper  
 152 100  
 115 61.2 32.3 96.8  
 150 174.4 0.0 355.8



#73  
 Isopropylbenzene  
 Concen: 45.521 ug/l  
 RT: 12.700 min Scan# 1827  
 Delta R.T. -0.000 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

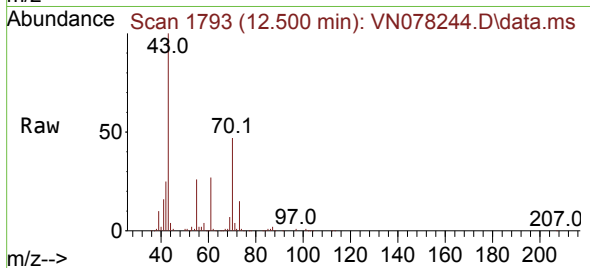
Tgt Ion:105 Resp: 1023601  
 Ion Ratio Lower Upper  
 105 100  
 120 26.3 13.1 39.1



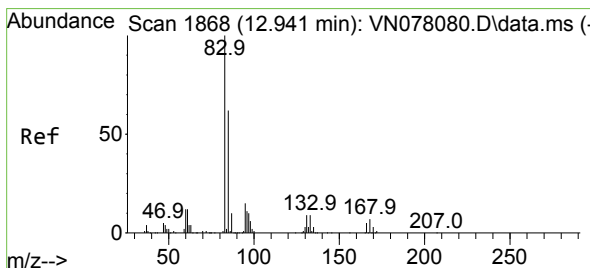
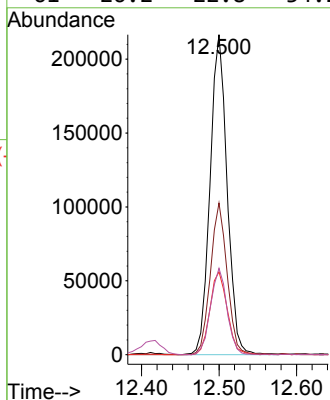
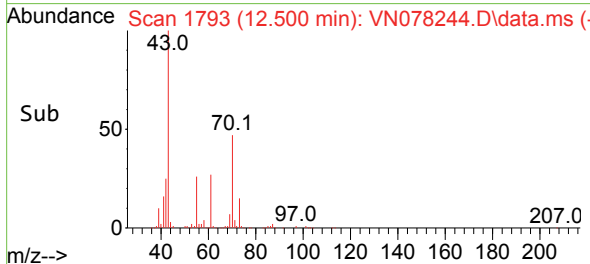


#74  
N-amy1 acetate  
Concen: 44.713 ug/l  
RT: 12.500 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

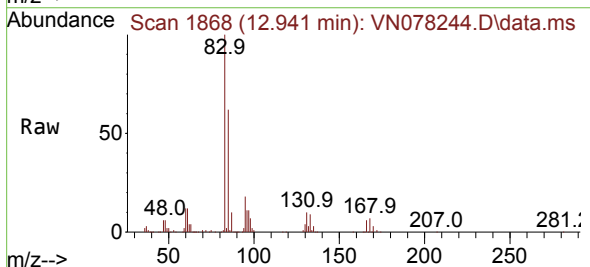
Instrument :  
MSVOA\_N  
ClientSampleId :



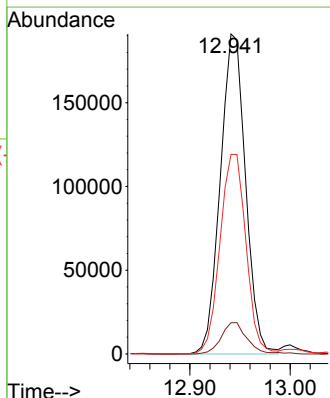
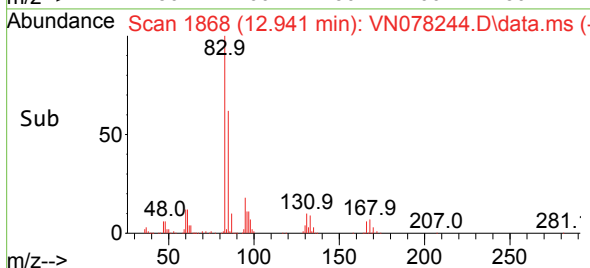
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 331090 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 70       | 46.3  | 43.4  | 65.2   |
| 55       | 26.5  | 21.4  | 32.0   |
| 61       | 26.2  | 22.8  | 34.2   |

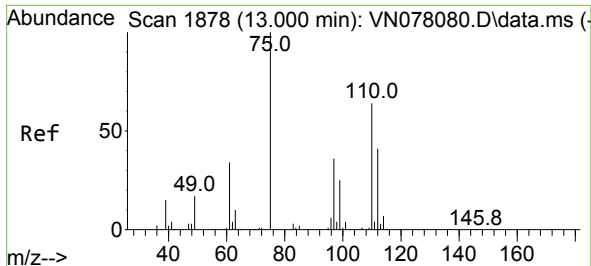


#75  
1,1,2,2-Tetrachloroethane  
Concen: 54.194 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 333905 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 10.1  | 5.0   | 15.0   |
| 85       | 64.1  | 31.9  | 95.7   |

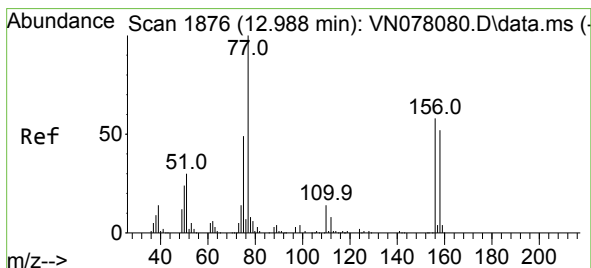
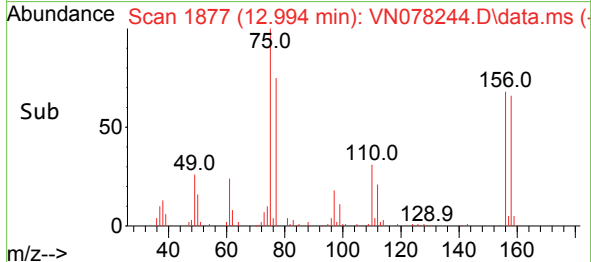
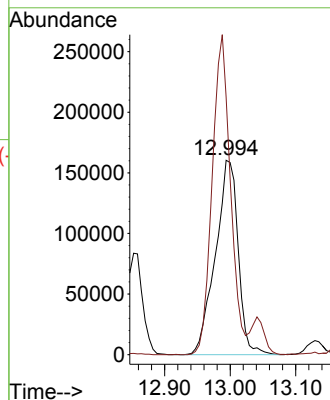
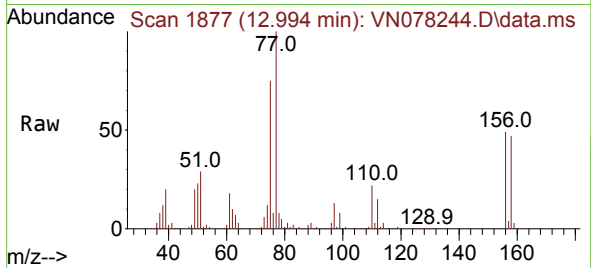




#76  
1,2,3-Trichloropropane  
Concen: 68.695 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.006 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

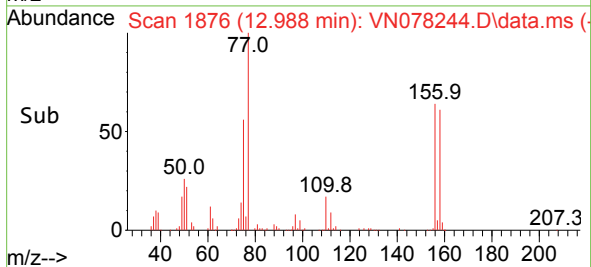
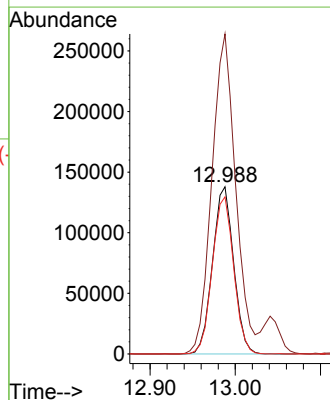
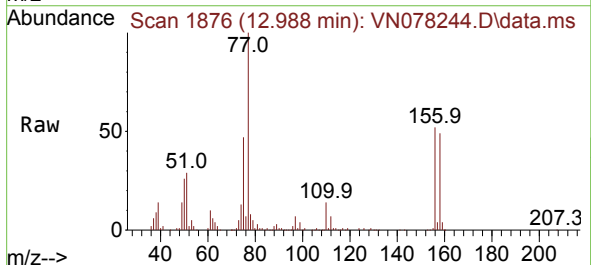
Instrument :  
MSVOA\_N  
ClientSampleId :

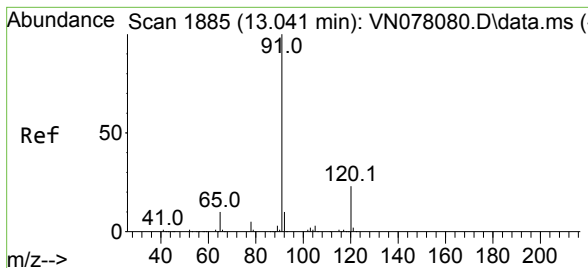
Tgt Ion: 75 Resp: 386168  
Ion Ratio Lower Upper  
75 100  
77 132.0 84.5 253.5



#77  
Bromobenzene  
Concen: 45.402 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion:156 Resp: 236996  
Ion Ratio Lower Upper  
156 100  
77 215.1 107.7 323.3  
158 95.3 48.4 145.3





#78

n-propylbenzene

Concen: 47.071 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

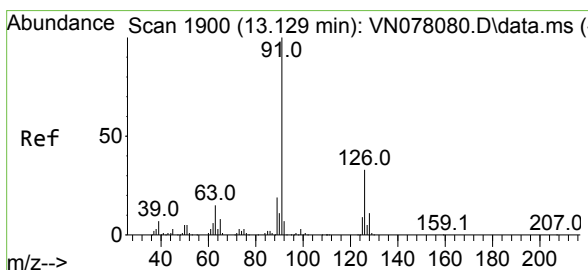
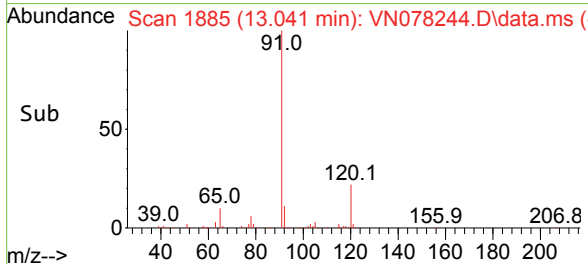
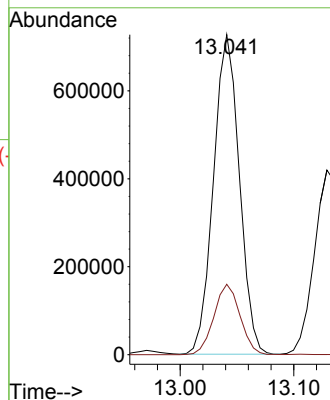
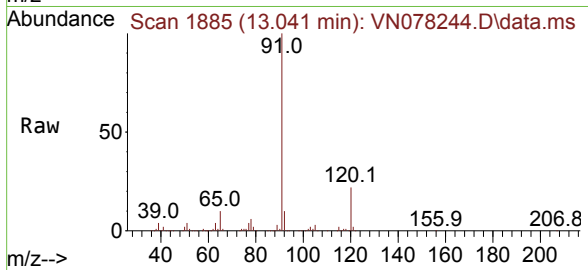
ClientSampleId :

Tgt Ion: 91 Resp: 1149973

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4



#79

2-Chlorotoluene

Concen: 45.066 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN078244.D

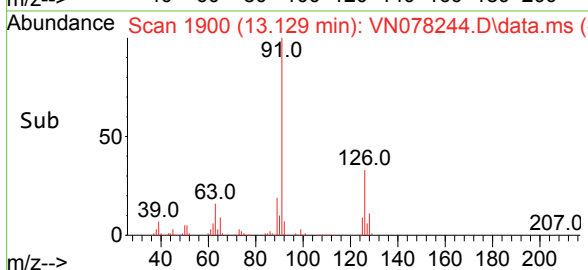
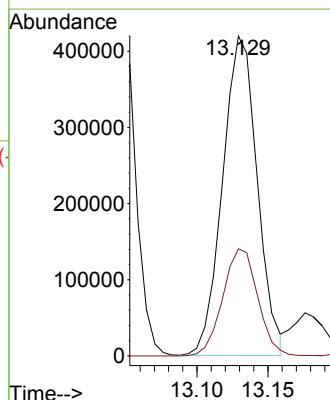
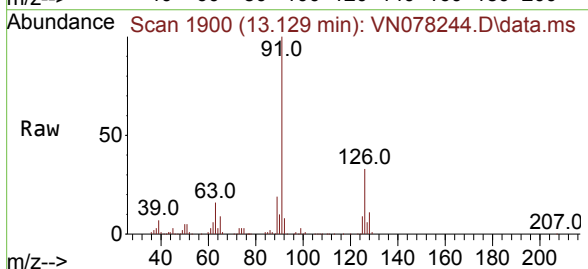
Acq: 15 Jun 2023 21:34

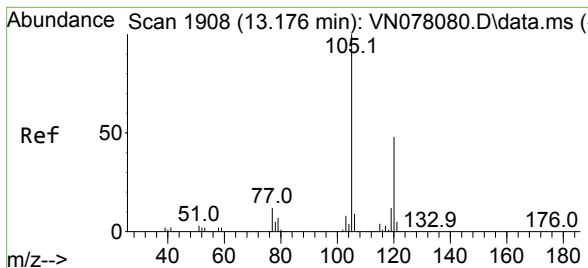
Tgt Ion: 91 Resp: 710699

Ion Ratio Lower Upper

91 100

126 34.0 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 45.520 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

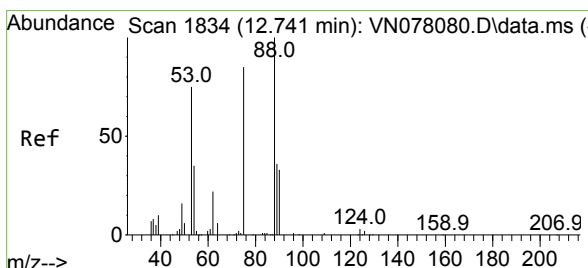
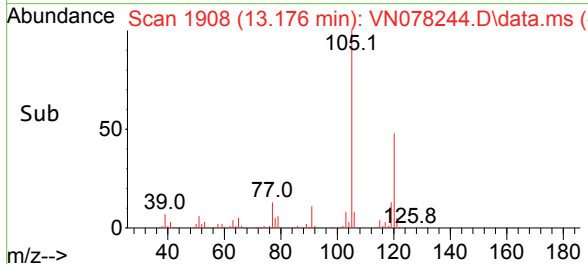
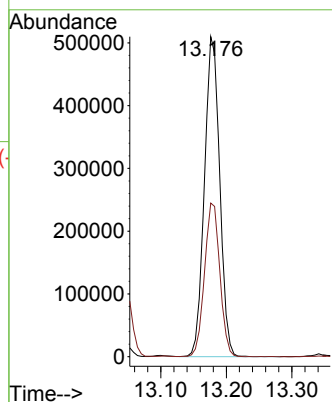
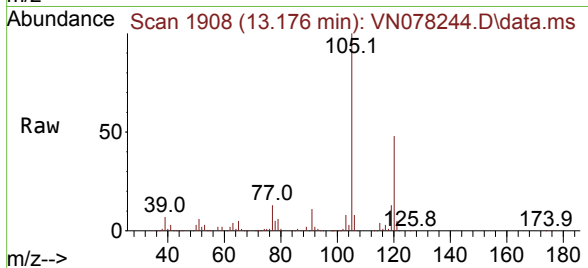
ClientSampleId :

Tgt Ion:105 Resp: 828709

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 48.318 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

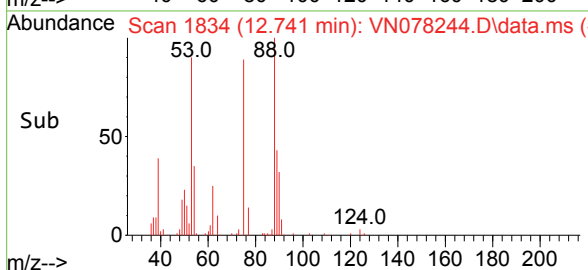
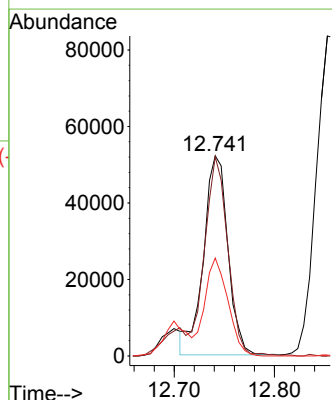
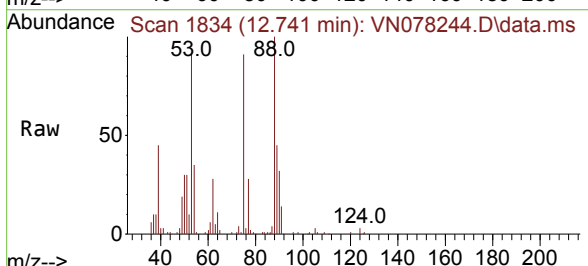
Tgt Ion: 75 Resp: 88409

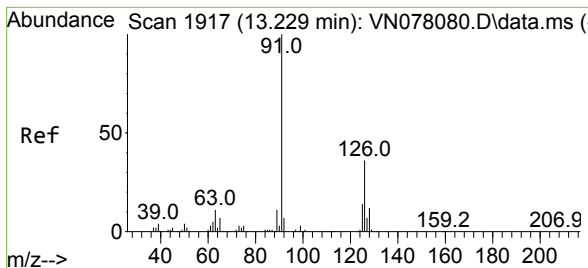
Ion Ratio Lower Upper

75 100

53 108.5 67.4 101.2#

89 46.7 38.8 58.2

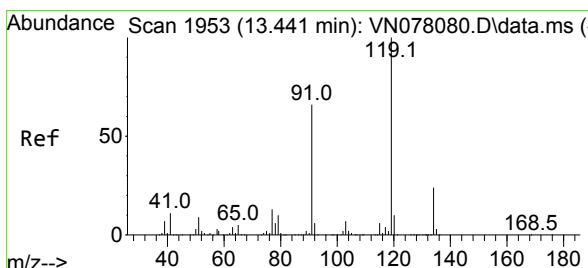
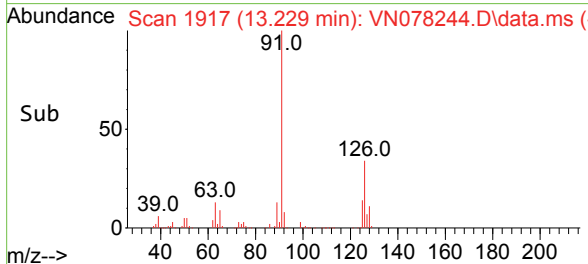
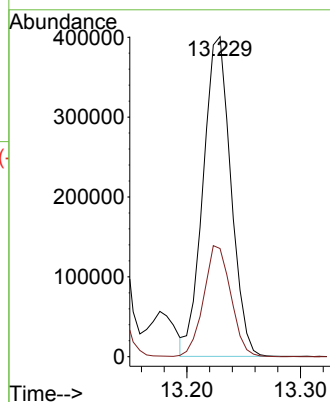
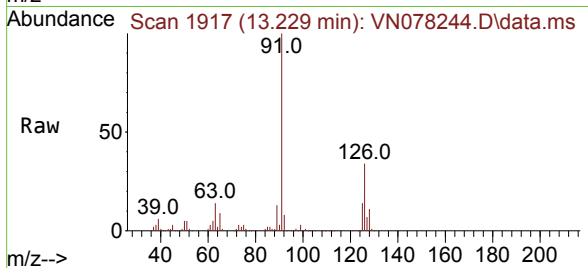




#82  
4-Chlorotoluene  
Concen: 46.128 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

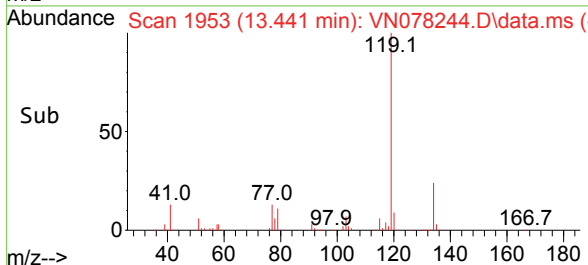
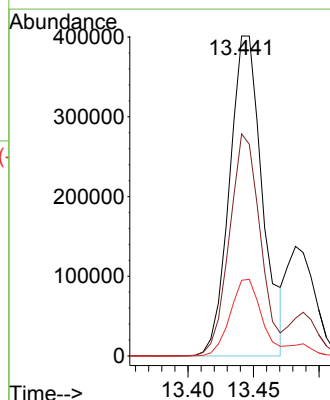
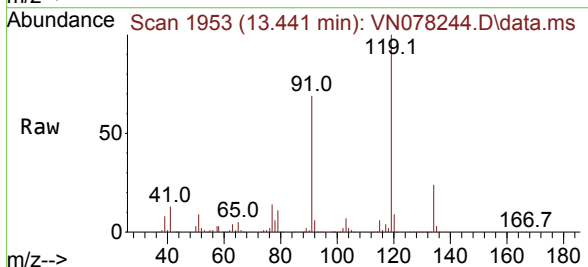
Instrument :  
MSVOA\_N  
ClientSampleId :

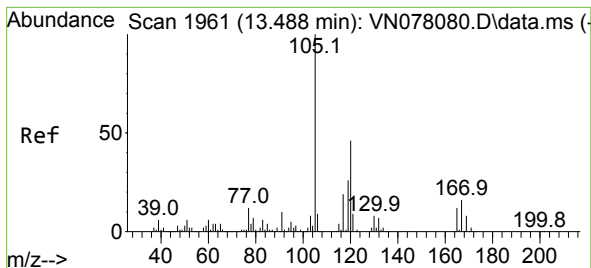
Tgt Ion: 91 Resp: 678920  
Ion Ratio Lower Upper  
91 100  
126 34.1 16.7 50.0



#83  
tert-Butylbenzene  
Concen: 44.296 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion: 119 Resp: 700997  
Ion Ratio Lower Upper  
119 100  
91 65.4 33.9 101.7  
134 23.4 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 47.078 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

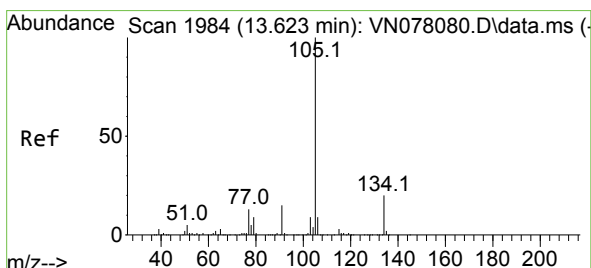
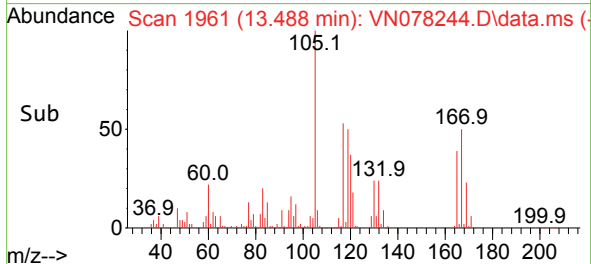
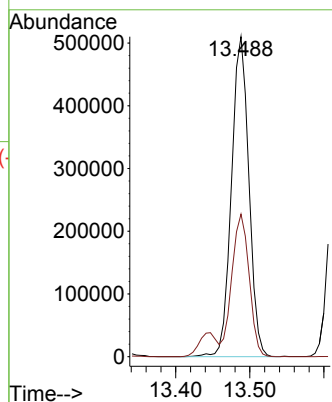
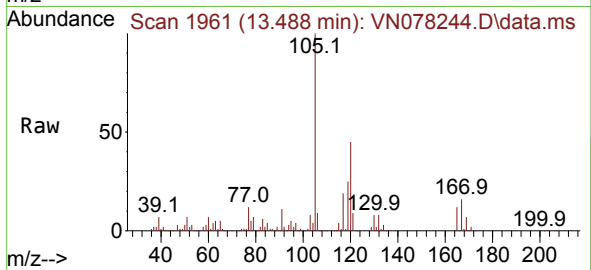
ClientSampleId :

Tgt Ion:105 Resp: 830952

Ion Ratio Lower Upper

105 100

120 44.5 22.0 66.0



#85

sec-Butylbenzene

Concen: 42.160 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN078244.D

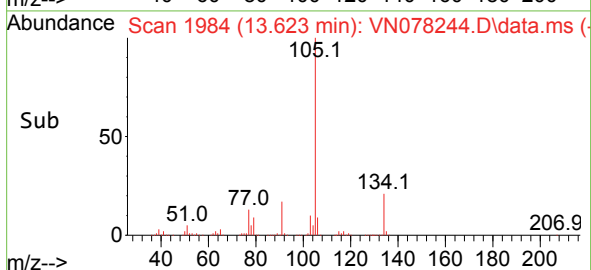
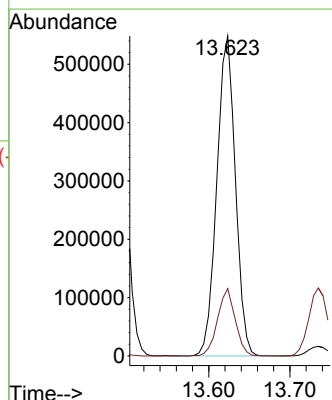
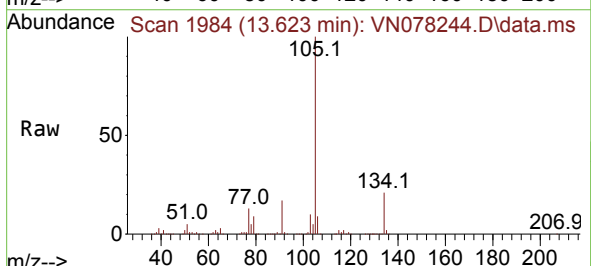
Acq: 15 Jun 2023 21:34

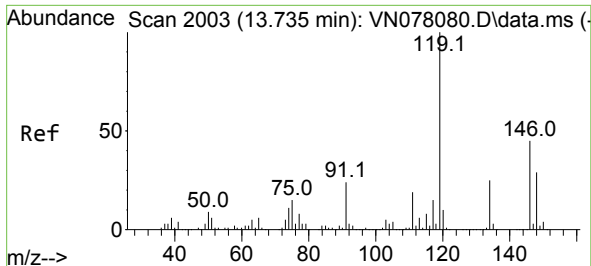
Tgt Ion:105 Resp: 873261

Ion Ratio Lower Upper

105 100

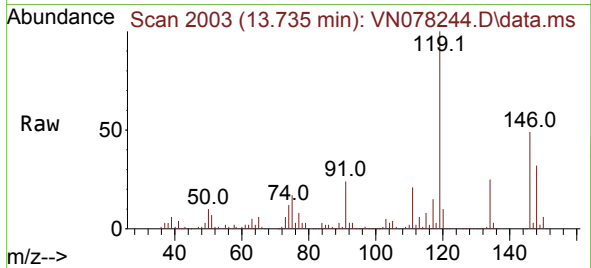
134 20.1 9.8 29.3



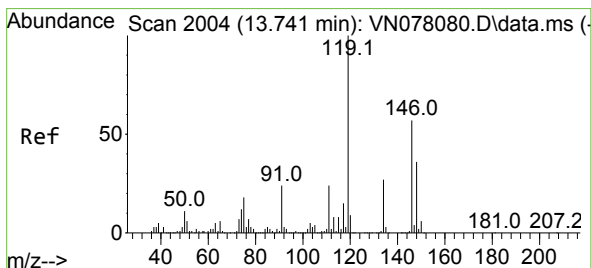
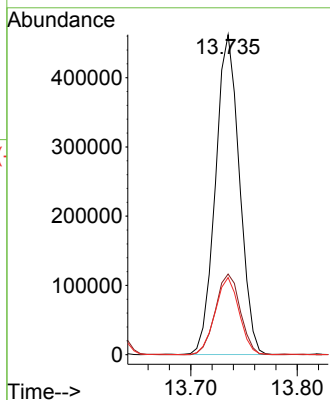
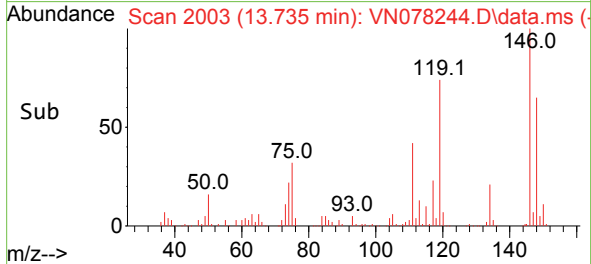


#86  
 p-Isopropyltoluene  
 Concen: 42.888 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. -0.000 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

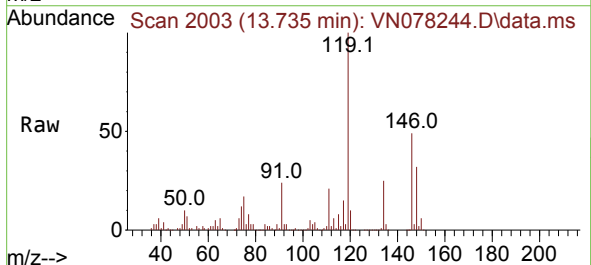
Instrument :  
 MSVOA\_N  
 ClientSampleId :



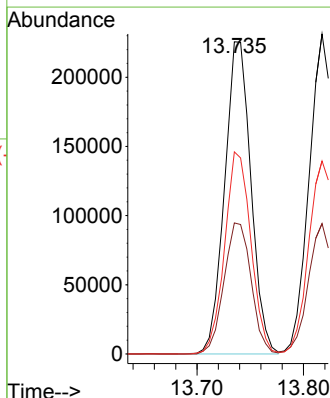
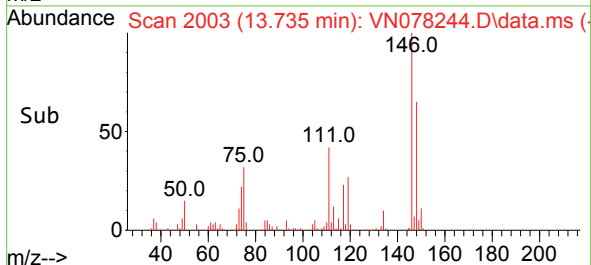
Tgt Ion:119 Resp: 720892  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 12.6 37.8  
 91 24.3 12.4 37.2

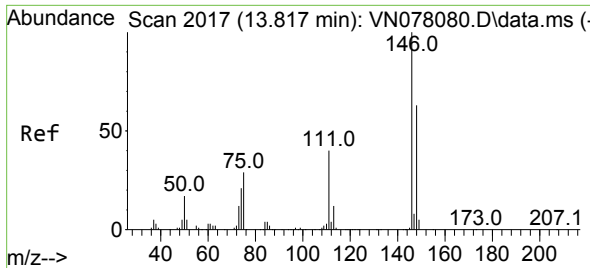


#87  
 1,3-Dichlorobenzene  
 Concen: 43.936 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. -0.006 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34



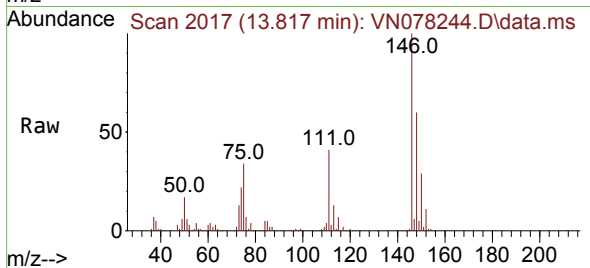
Tgt Ion:146 Resp: 387932  
 Ion Ratio Lower Upper  
 146 100  
 111 43.2 22.1 66.3  
 148 64.5 32.0 96.0



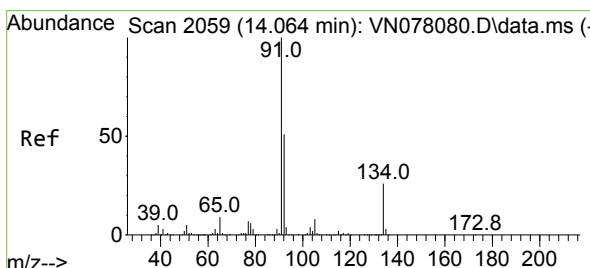
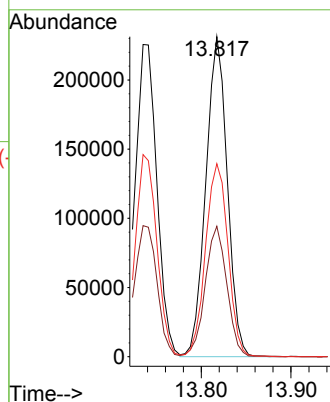
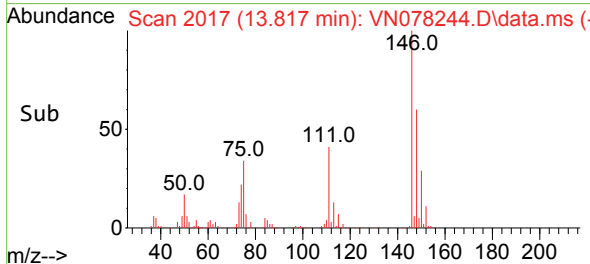


#88  
1,4-Dichlorobenzene  
Concen: 45.081 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Instrument :  
MSVOA\_N  
ClientSampleId :

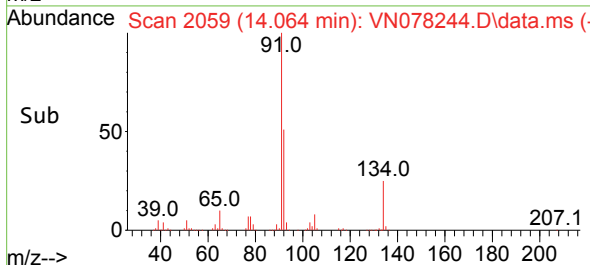
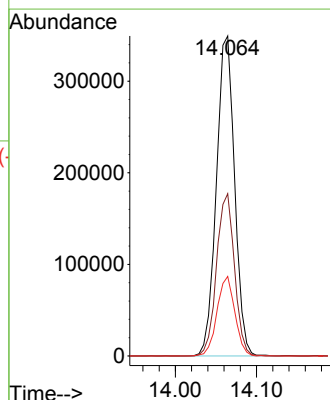
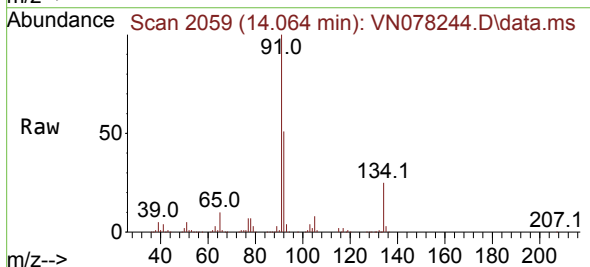


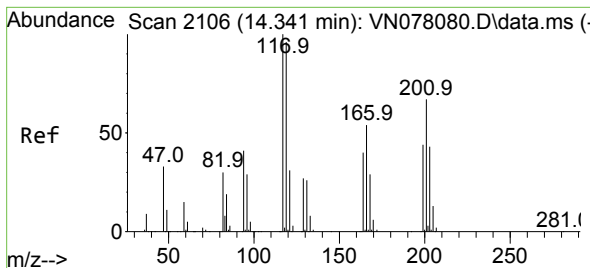
Tgt Ion:146 Resp: 384091  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.6 61.8  
148 63.1 31.6 94.8



#89  
n-Butylbenzene  
Concen: 41.150 ug/l  
RT: 14.064 min Scan# 2059  
Delta R.T. -0.000 min  
Lab File: VN078244.D  
Acq: 15 Jun 2023 21:34

Tgt Ion: 91 Resp: 545557  
Ion Ratio Lower Upper  
91 100  
92 49.9 26.4 79.0  
134 24.4 12.6 37.6





#90

Hexachloroethane

Concen: 45.694 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

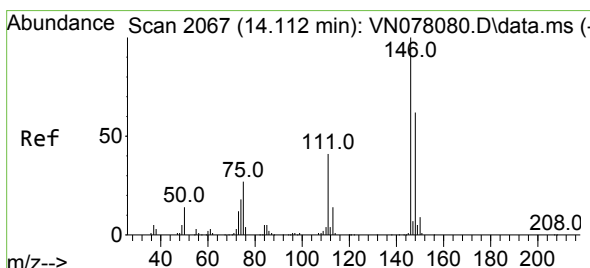
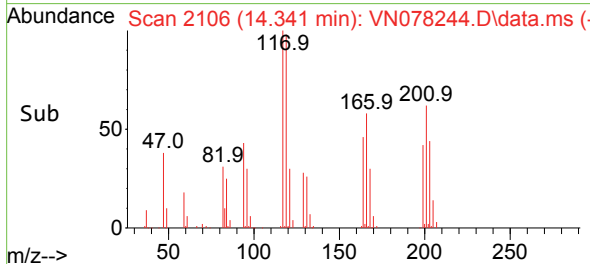
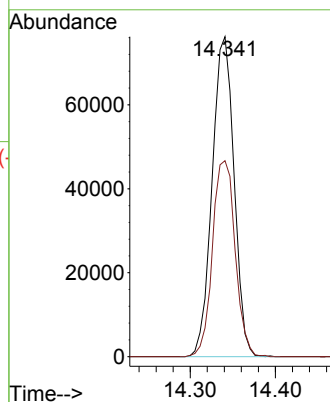
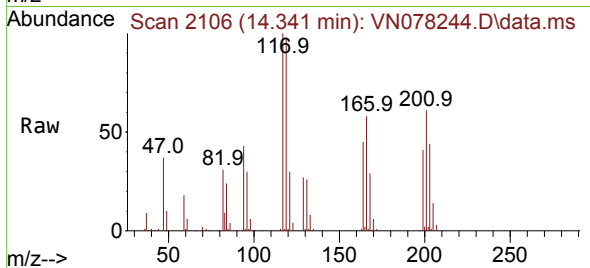
ClientSampleId :

Tgt Ion:117 Resp: 136302

Ion Ratio Lower Upper

117 100

201 63.5 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 46.081 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

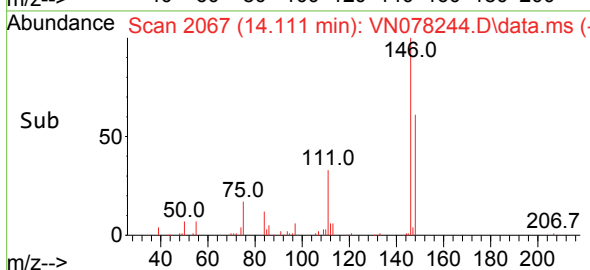
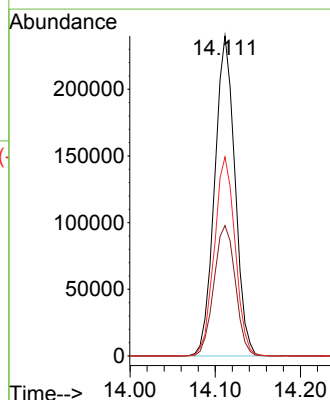
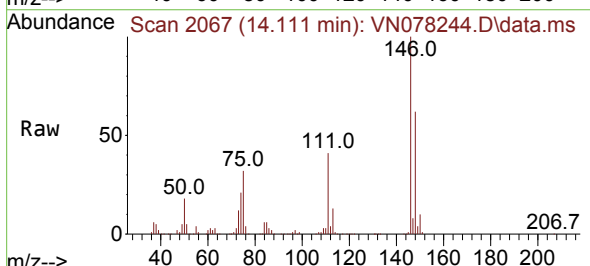
Tgt Ion:146 Resp: 397649

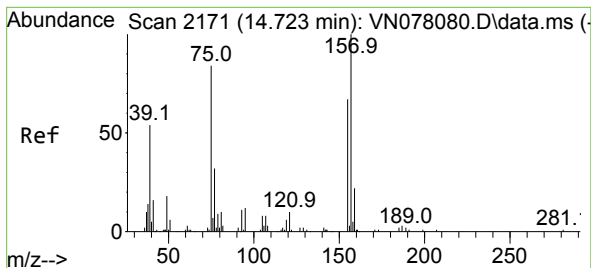
Ion Ratio Lower Upper

146 100

111 43.1 22.0 66.0

148 63.7 31.8 95.3

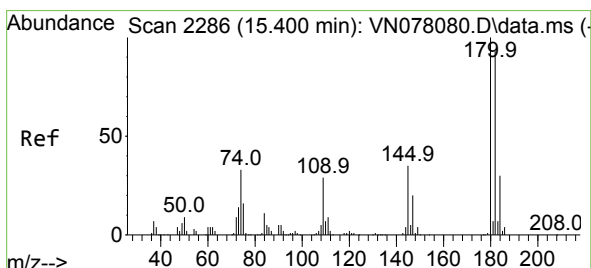
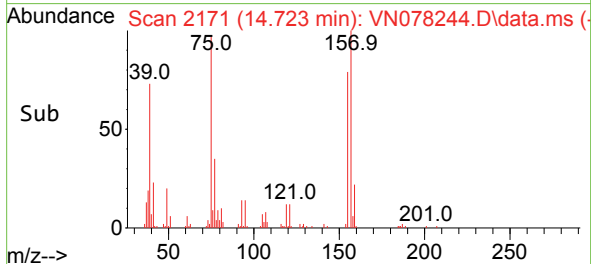
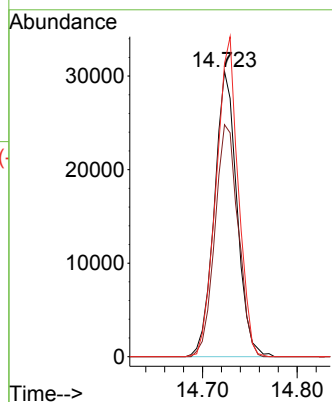
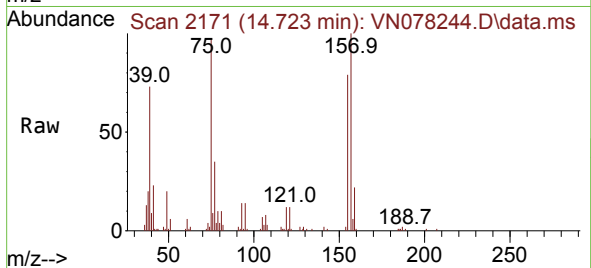




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.407 ug/l  
 RT: 14.723 min Scan# 2171  
 Delta R.T. -0.000 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

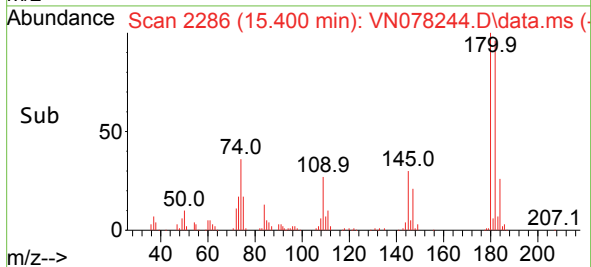
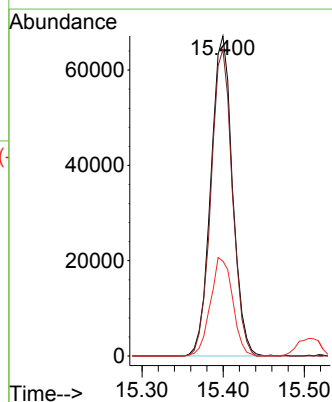
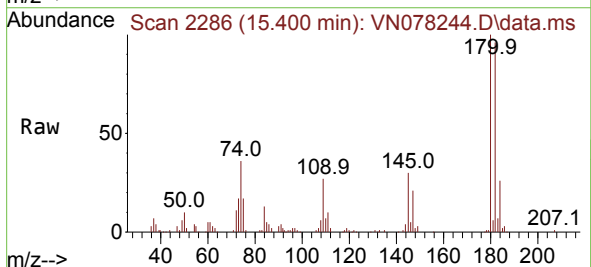
Instrument :  
 MSVOA\_N  
 ClientSampleId :

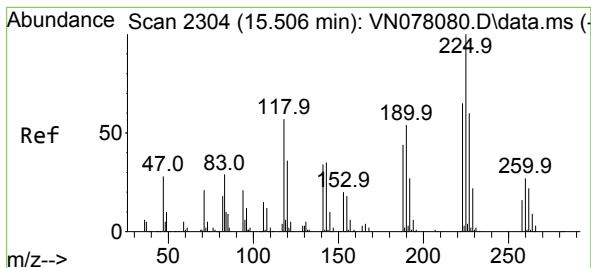
Tgt Ion: 75 Resp: 50574  
 Ion Ratio Lower Upper  
 75 100  
 155 83.9 39.1 117.2  
 157 109.4 50.3 150.9



#93  
 1,2,4-Trichlorobenzene  
 Concen: 40.447 ug/l  
 RT: 15.400 min Scan# 2286  
 Delta R.T. -0.000 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

Tgt Ion: 180 Resp: 124357  
 Ion Ratio Lower Upper  
 180 100  
 182 94.3 46.1 138.2  
 145 31.4 16.6 49.8





#94

Hexachlorobutadiene

Concen: 41.051 ug/l

RT: 15.505 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA\_N

ClientSampleId :

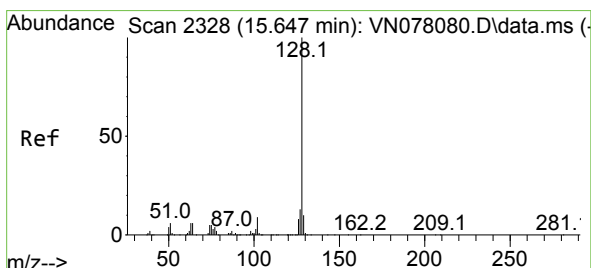
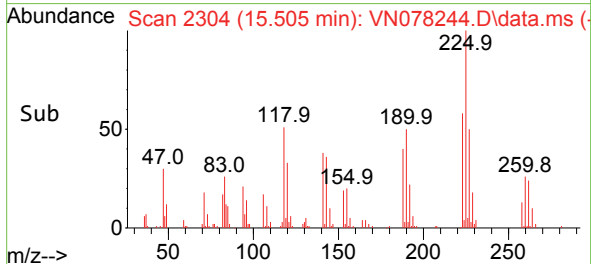
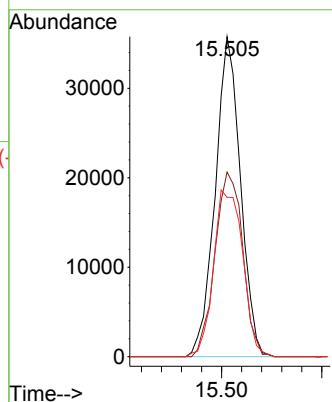
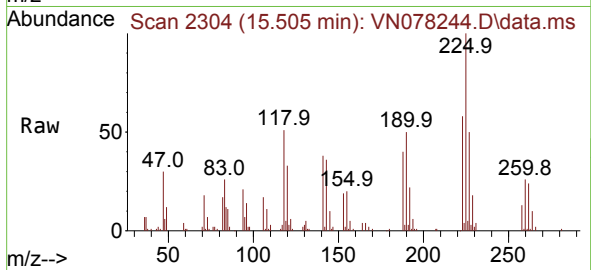
Tgt Ion:225 Resp: 62590

Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 60.0 31.9 95.9



#95

Naphthalene

Concen: 37.777 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

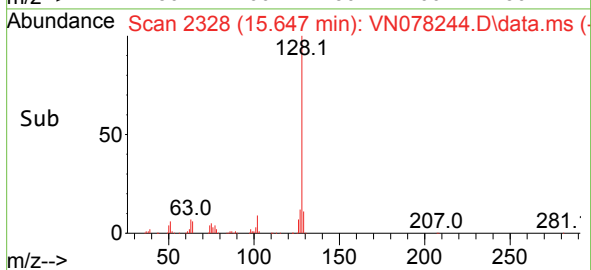
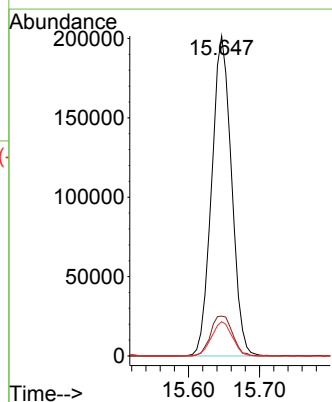
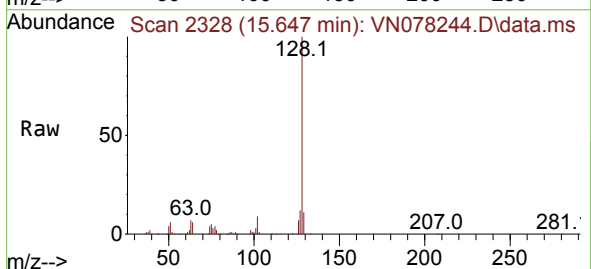
Tgt Ion:128 Resp: 390699

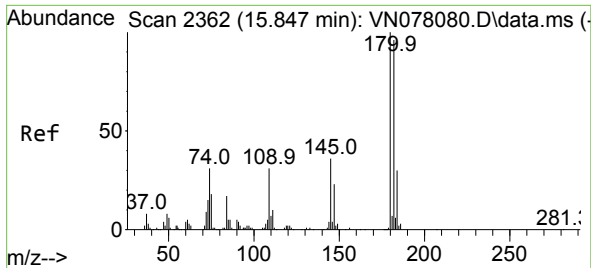
Ion Ratio Lower Upper

128 100

127 13.8 10.0 15.0

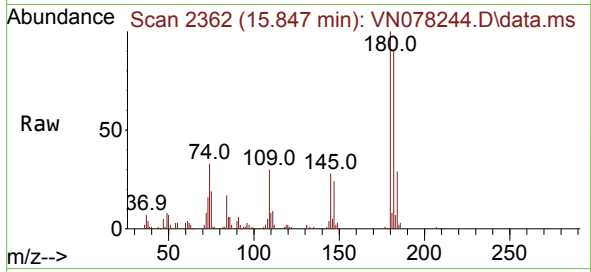
129 11.2 8.7 13.1





#96  
 1,2,3-Trichlorobenzene  
 Concen: 40.014 ug/l  
 RT: 15.847 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN078244.D  
 Acq: 15 Jun 2023 21:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:180 Resp: 137597  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 92.4  | 46.2  | 138.6 |
| 145 | 32.0  | 17.5  | 52.6  |

