

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060923\  
 Data File : VN078137.D  
 Acq On : 09 Jun 2023 11:26  
 Operator : JC\MD  
 Sample : VN0609WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

Quant Time: Jun 09 23:05:07 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  | 392580   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 708239   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 625758   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 234896   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 282842   | 54.036   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 108.080% |      |
| 35) Dibromofluoromethane    | 8.177  | 113   | 230420   | 51.455   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.900% |      |
| 50) Toluene-d8              | 10.571 | 98    | 877379   | 50.823   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 101.640% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 272129   | 50.706   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 101.420% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 75977  | 17.121  | ug/l   | 98  |
| 3) Chloromethane             | 2.371 | 50  | 83896  | 18.963  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.518 | 62  | 103155 | 17.752  | ug/l   | 94  |
| 5) Bromomethane              | 2.965 | 94  | 82786  | 18.851  | ug/l   | 93  |
| 6) Chloroethane              | 3.130 | 64  | 74640  | 18.842  | ug/l   | 93  |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 140846 | 17.874  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.971 | 74  | 53744  | 19.410  | ug/l   | 85  |
| 9) 1,1,2-Trichlorotrifluo... | 4.383 | 101 | 77345  | 18.598  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.600 | 142 | 106002 | 18.024  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.530 | 59  | 68700  | 95.054  | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.353 | 96  | 76985  | 17.958  | ug/l   | 96  |
| 13) Acrolein                 | 4.189 | 56  | 78504  | 98.554  | ug/l   | 99  |
| 14) Allyl chloride           | 5.036 | 41  | 99527  | 19.019  | ug/l   | 90  |
| 15) Acrylonitrile            | 5.730 | 53  | 190598 | 102.288 | ug/l   | 99  |
| 16) Acetone                  | 4.442 | 43  | 160200 | 106.331 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.730 | 76  | 185269 | 16.790  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.036 | 43  | 136782 | 19.719  | ug/l   | 90  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 265990 | 19.447  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.289 | 84  | 93990  | 18.878  | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene | 5.794 | 96  | 83452  | 18.048  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.683 | 45  | 250027 | 20.312  | ug/l # | 93  |
| 23) Vinyl Acetate            | 6.612 | 43  | 732854 | 100.154 | ug/l   | 93  |
| 24) 1,1-Dichloroethane       | 6.577 | 63  | 155333 | 19.129  | ug/l   | 99  |
| 25) 2-Butanone               | 7.488 | 43  | 235673 | 101.721 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 129851 | 21.657  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.500 | 96  | 98918  | 17.935  | ug/l   | 91  |
| 28) Bromochloromethane       | 7.824 | 49  | 83053  | 22.276  | ug/l   | 90  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 150393 | 97.101  | ug/l   | 86  |
| 30) Chloroform               | 7.971 | 83  | 171137 | 19.572  | ug/l   | 92  |
| 31) Cyclohexane              | 8.259 | 56  | 127022 | 18.918  | ug/l   | 89  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 147329 | 19.192  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 122093 | 19.008  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.571 | 43  | 104149 | 20.756  | ug/l   | 94  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 129301 | 19.064  | ug/l   | 95  |
| 39) Methylcyclohexane        | 9.606 | 83  | 122830 | 18.452  | ug/l   | 92  |
| 40) Benzene                  | 8.612 | 78  | 372474 | 19.424  | ug/l   | 99  |

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 Sample : VN0609WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

Quant Time: Jun 09 23:05:07 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         | 7.783  | 41   | 50997    | 18.750  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 137402   | 20.898  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 174547   | 18.189  | ug/l   | 94       |
| 44) Trichloroethene           | 9.359  | 130  | 92862    | 18.337  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.630  | 63   | 94798    | 19.869  | ug/l   | 98       |
| 46) Dibromomethane            | 9.712  | 93   | 68897    | 19.605  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.894  | 83   | 132285   | 20.265  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.688  | 41   | 76594    | 19.019  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 32988    | 389.729 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 506304   | 100.191 | ug/l   | 93       |
| 52) Toluene                   | 10.635 | 92   | 235651   | 19.463  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 137966   | 20.294  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 151362   | 20.141  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.024 | 97   | 93253    | 20.360  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 132122   | 19.811  | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 158343   | 20.481  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 246350   | 91.442  | ug/l   | 94       |
| 59) 2-Hexanone                | 11.200 | 43   | 354099   | 100.635 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.365 | 129  | 99264    | 19.806  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 93507    | 19.454  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 81234    | 19.459  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.894 | 112  | 245328   | 18.307  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 93066    | 18.882  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.971 | 91   | 429659   | 18.581  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.076 | 106  | 329714   | 37.415  | ug/l   | 98       |
| 69) o-Xylene                  | 12.406 | 106  | 162907   | 18.825  | ug/l   | 97       |
| 70) Styrene                   | 12.418 | 104  | 252542   | 18.537  | ug/l   | 97       |
| 71) Bromoform                 | 12.582 | 173  | 59227    | 18.620  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.700 | 105  | 395969   | 17.826  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.500 | 43   | 131109   | 17.924  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 129283   | 19.677  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 150344   | 27.074  | ug/l   | 75       |
| 77) Bromobenzene              | 12.988 | 156  | 88465    | 17.156  | ug/l   | 93       |
| 78) n-propylbenzene           | 13.041 | 91   | 449261   | 18.616  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 279699   | 17.955  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 328273   | 18.254  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 35331    | 19.548  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 269323   | 18.524  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.441 | 119  | 275032   | 17.594  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 328654   | 18.850  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.623 | 105  | 365321   | 17.855  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 291923   | 17.582  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.741 | 146  | 153169   | 17.561  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 151212   | 17.967  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.065 | 91   | 223421   | 17.060  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.341 | 117  | 52194    | 17.713  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 151426   | 17.764  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 20257    | 18.412  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 49536    | 16.310  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.511 | 225  | 28054    | 17.081  | ug/l   | 97       |
| 95) Naphthalene               | 15.647 | 128  | 150824   | 14.763  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 53704    | 15.810  | ug/l   | 95       |

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Sample : VN0609WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

Quant Time: Jun 09 23:05:07 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

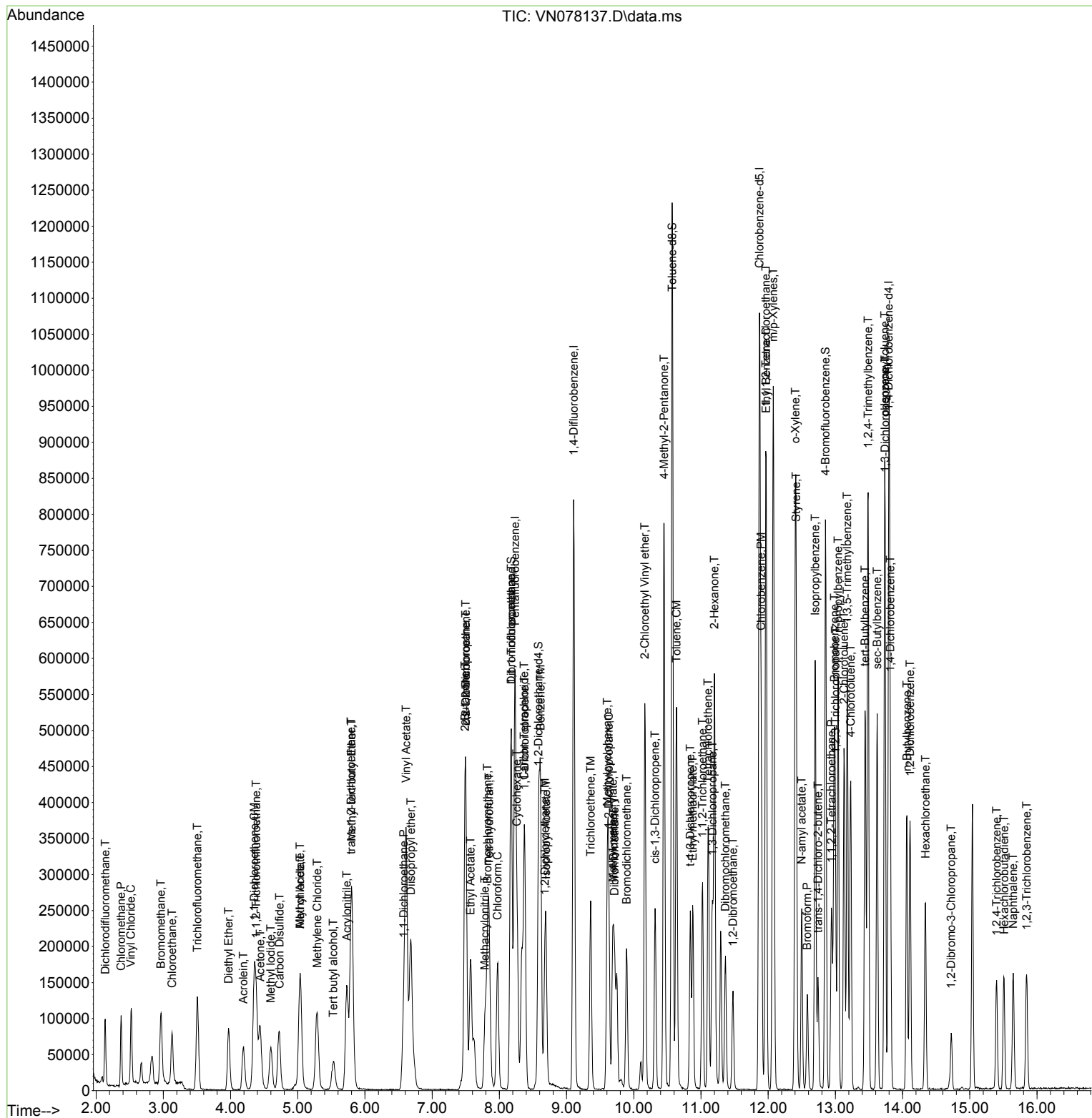
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

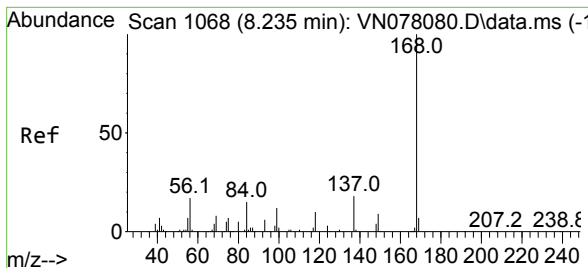
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 Sample : VN0609WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

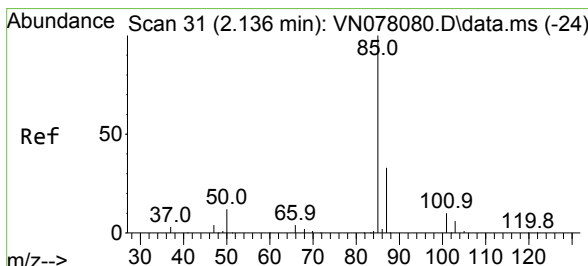
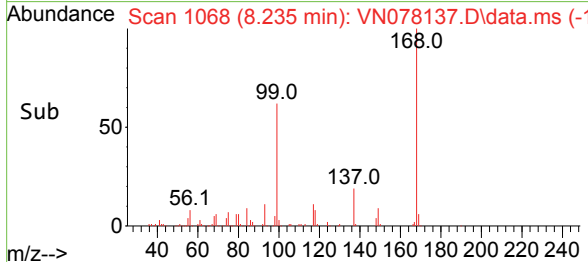
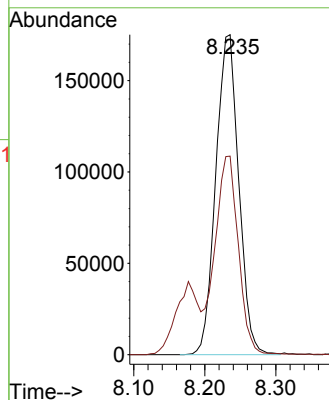
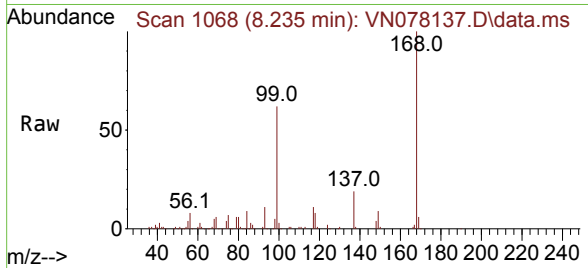




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

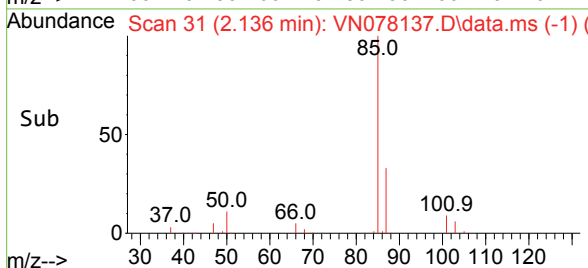
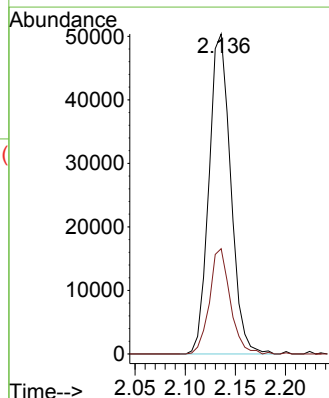
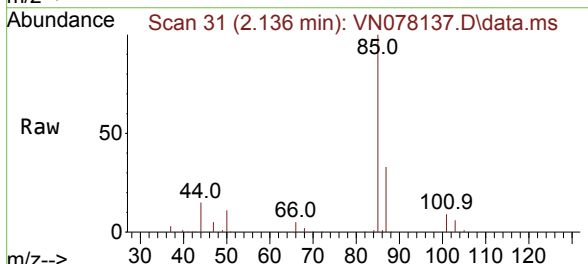
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

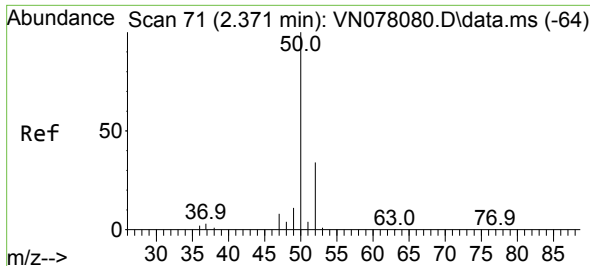
Tgt Ion:168 Resp: 392580  
Ion Ratio Lower Upper  
168 100  
99 61.8 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 17.121 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 85 Resp: 75977  
Ion Ratio Lower Upper  
85 100  
87 32.9 15.8 47.4

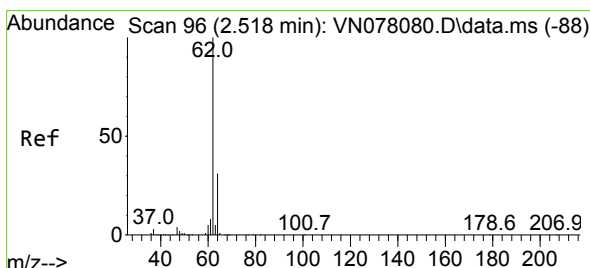
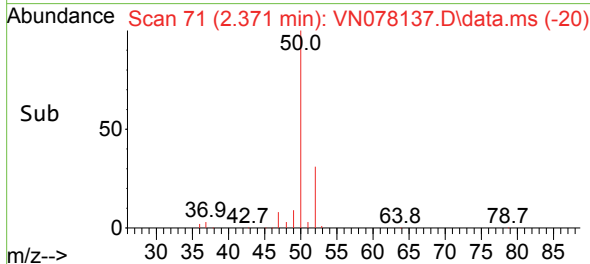
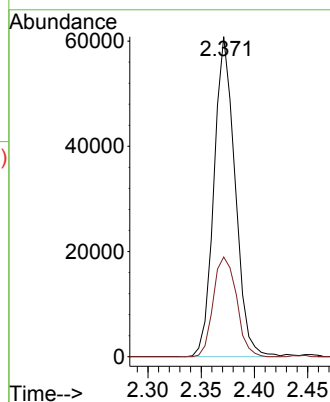
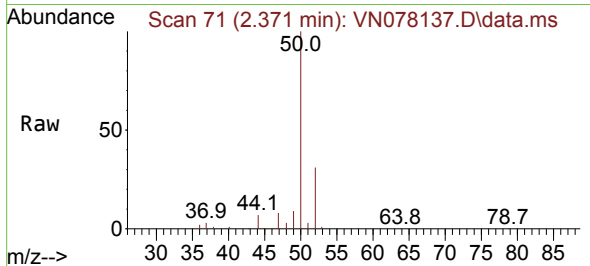




#3  
Chloromethane  
Concen: 18.963 ug/l  
RT: 2.371 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

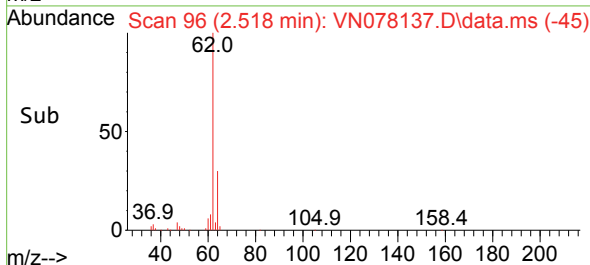
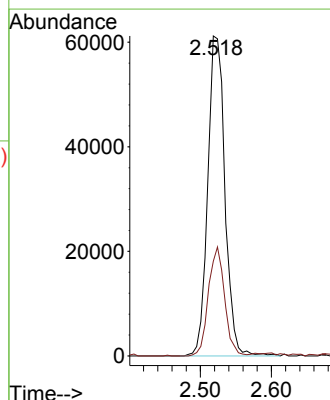
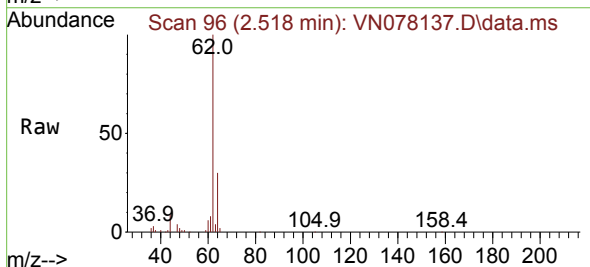
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

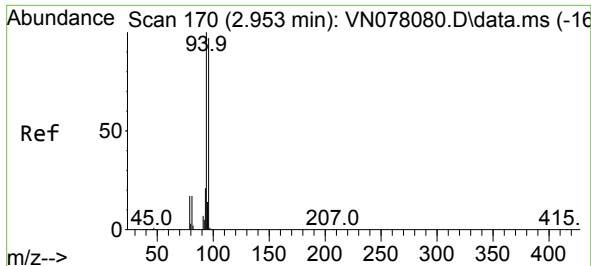
Tgt Ion: 50 Resp: 83896  
Ion Ratio Lower Upper  
50 100  
52 31.1 26.5 39.7



#4  
Vinyl Chloride  
Concen: 17.752 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 62 Resp: 103155  
Ion Ratio Lower Upper  
62 100  
64 29.6 26.2 39.2

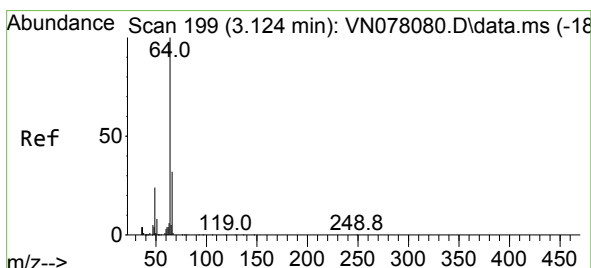
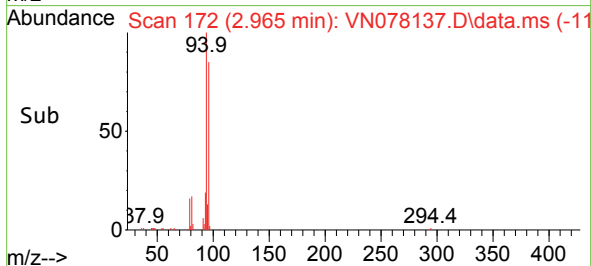
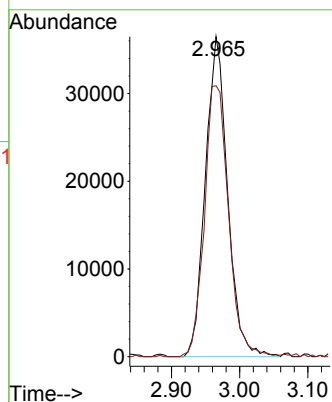
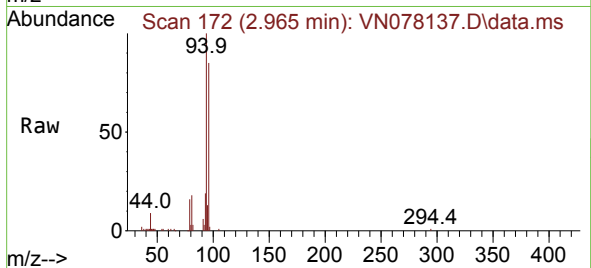




#5  
Bromomethane  
Concen: 18.851 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

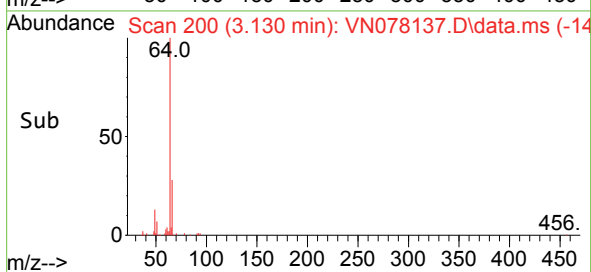
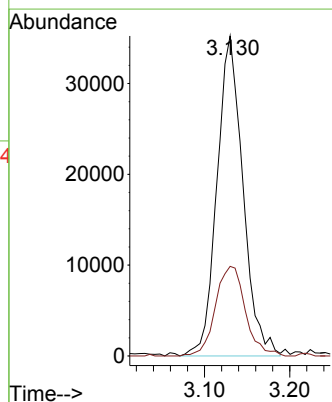
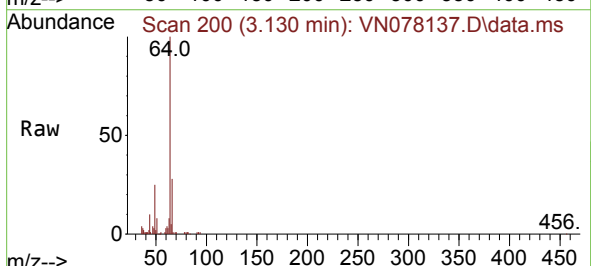
Instrument :  
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ClientSampleId :  
VN0609WBSD01

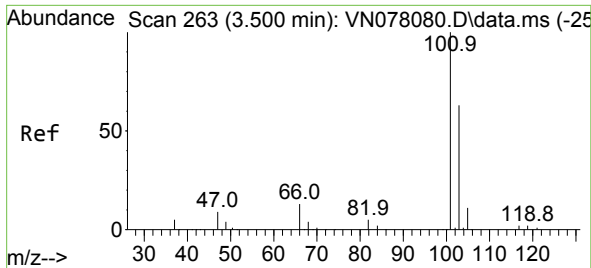
Tgt Ion: 94 Resp: 82786  
Ion Ratio Lower Upper  
94 100  
96 84.6 73.1 109.7



#6  
Chloroethane  
Concen: 18.842 ug/l  
RT: 3.130 min Scan# 200  
Delta R.T. 0.006 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 64 Resp: 74640  
Ion Ratio Lower Upper  
64 100  
66 28.0 25.4 38.2

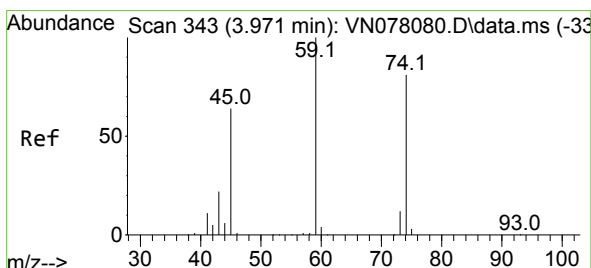
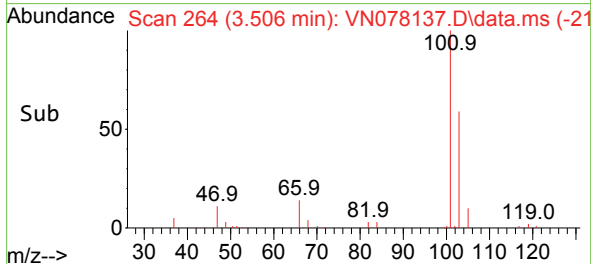
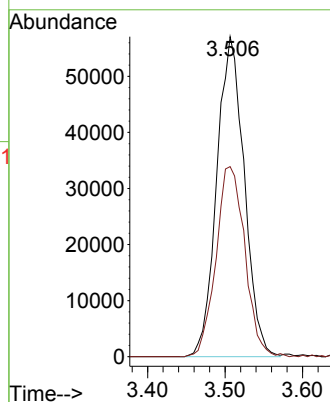
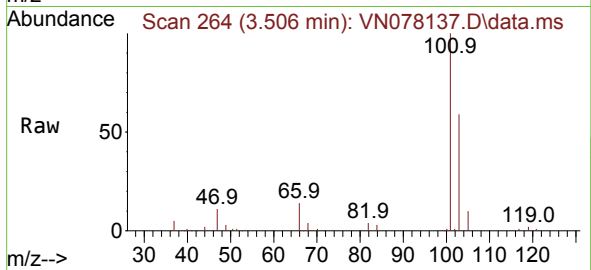




#7  
 Trichlorofluoromethane  
 Concen: 17.874 ug/l  
 RT: 3.506 min Scan# 2  
 Delta R.T. 0.006 min  
 Lab File: VN078137.D  
 Acq: 09 Jun 2023 11:26

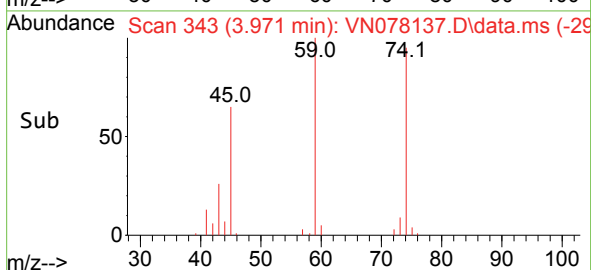
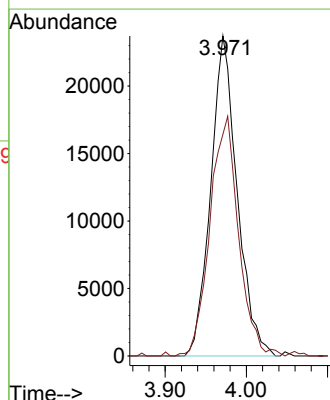
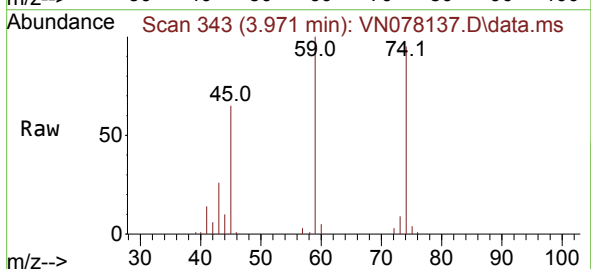
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

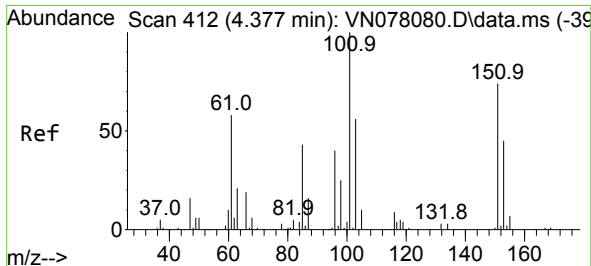
Tgt Ion:101 Resp: 140846  
 Ion Ratio Lower Upper  
 101 100  
 103 59.4 50.7 76.1



#8  
 Diethyl Ether  
 Concen: 19.410 ug/l  
 RT: 3.971 min Scan# 343  
 Delta R.T. 0.000 min  
 Lab File: VN078137.D  
 Acq: 09 Jun 2023 11:26

Tgt Ion: 74 Resp: 53744  
 Ion Ratio Lower Upper  
 74 100  
 45 80.8 34.4 103.3

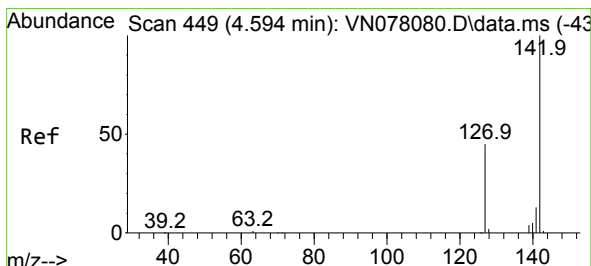
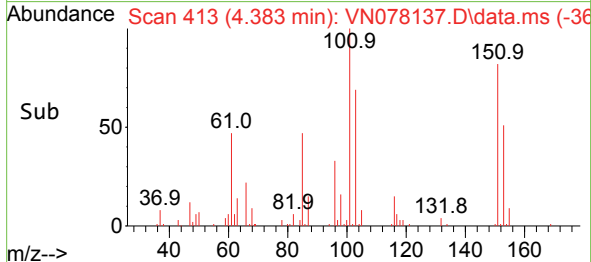
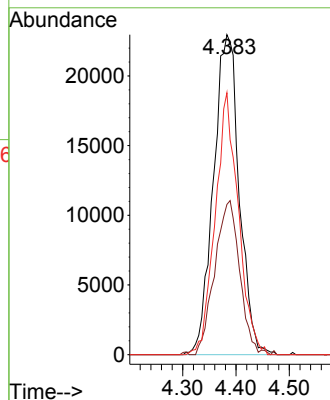
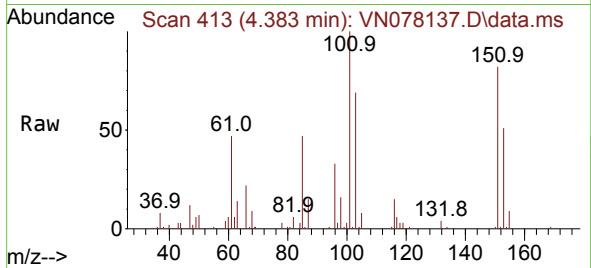




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.598 ug/l  
RT: 4.383 min Scan# 412  
Delta R.T. 0.006 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

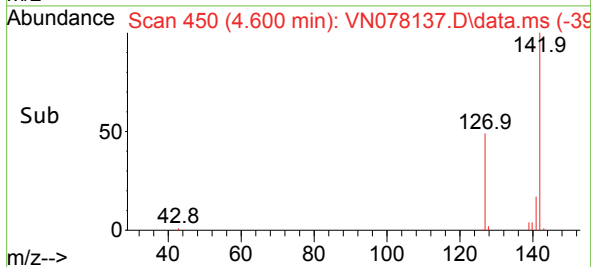
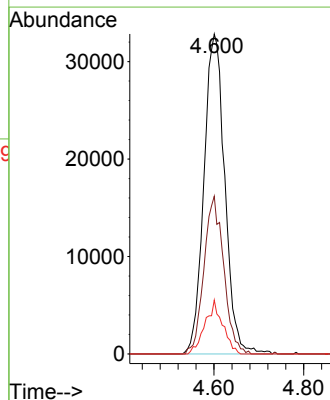
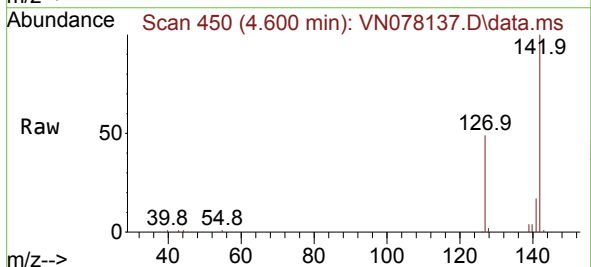
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

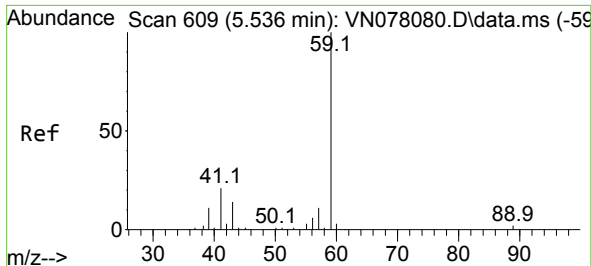
Tgt Ion:101 Resp: 77345  
Ion Ratio Lower Upper  
101 100  
85 46.6 36.6 55.0  
151 73.4 57.6 86.4



#10  
Methyl Iodide  
Concen: 18.024 ug/l  
RT: 4.600 min Scan# 450  
Delta R.T. 0.006 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion:142 Resp: 106002  
Ion Ratio Lower Upper  
142 100  
127 49.3 37.6 56.4  
141 16.8 11.4 17.0

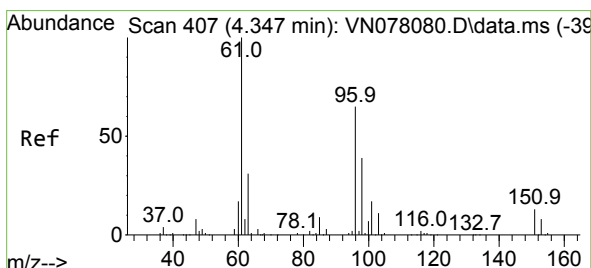
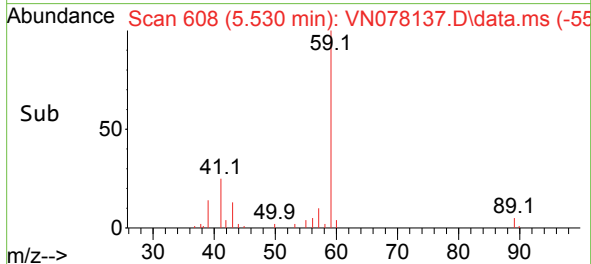
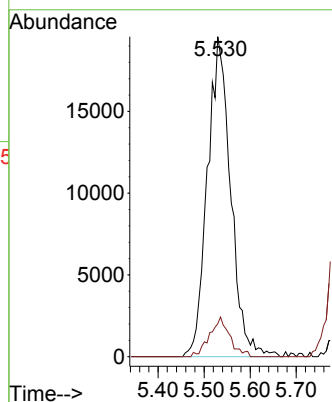
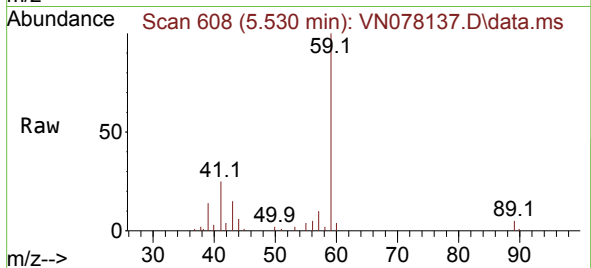




#11  
Tert butyl alcohol  
Concen: 95.054 ug/l  
RT: 5.530 min Scan# 609  
Delta R.T. -0.006 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

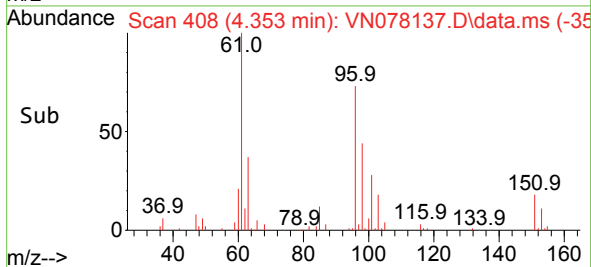
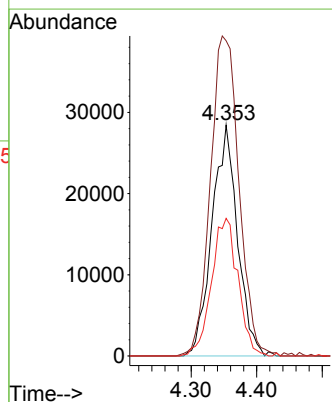
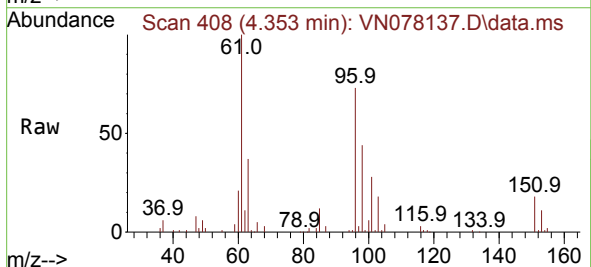
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

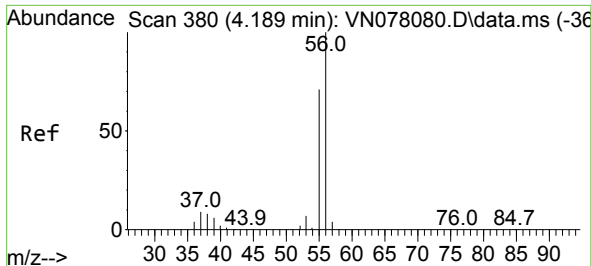
Tgt Ion: 59 Resp: 68700  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 17.958 ug/l  
RT: 4.353 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 96 Resp: 76985  
Ion Ratio Lower Upper  
96 100  
61 136.5 112.7 169.1  
98 59.6 51.2 76.8





#13

Acrolein

Concen: 98.554 ug/l

RT: 4.189 min Scan# 380

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA\_N

ClientSampleId :

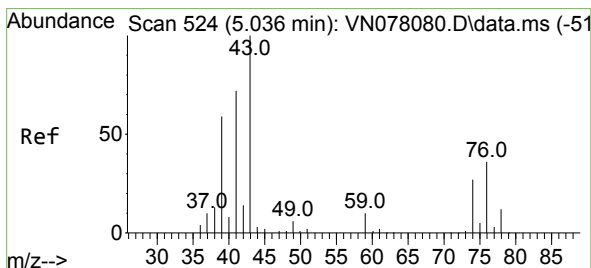
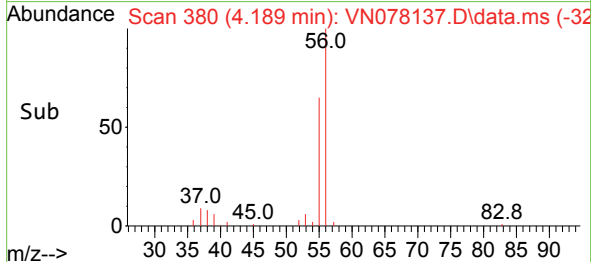
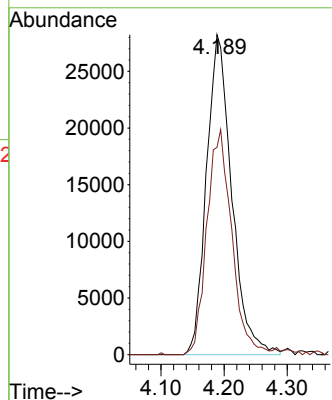
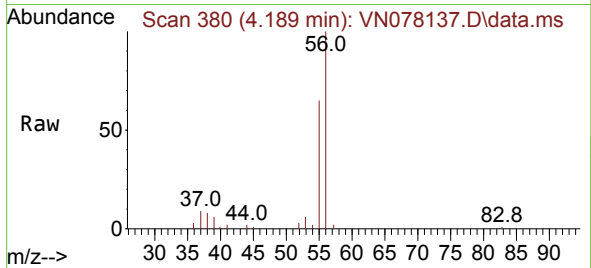
VN0609WBSD01

Tgt Ion: 56 Resp: 78504

Ion Ratio Lower Upper

56 100

55 68.9 54.5 81.7



#14

Allyl chloride

Concen: 19.019 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

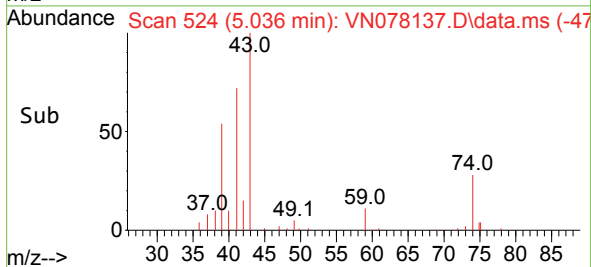
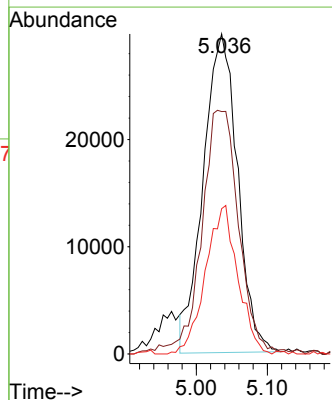
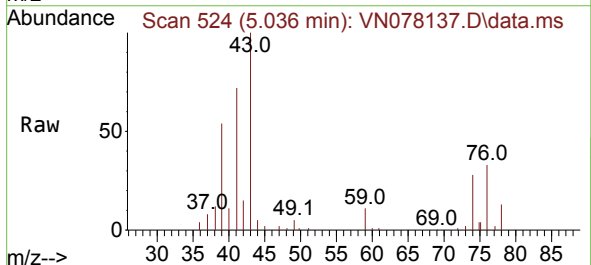
Tgt Ion: 41 Resp: 99527

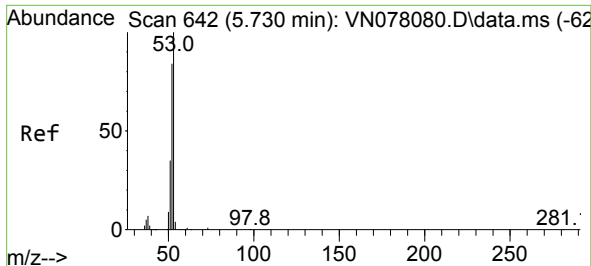
Ion Ratio Lower Upper

41 100

39 82.9 58.8 88.2

76 43.9 39.1 58.7

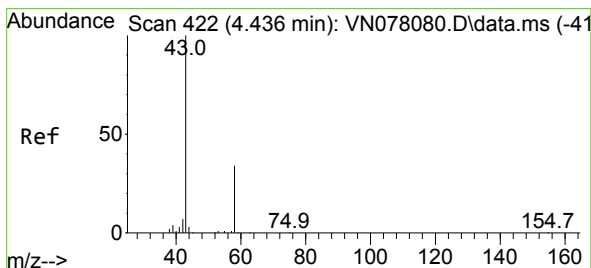
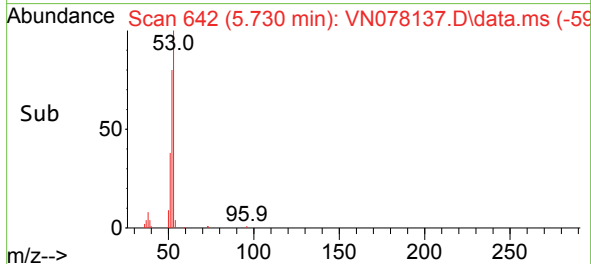
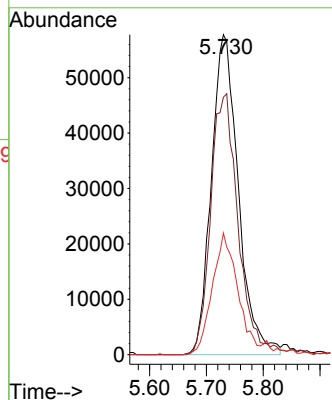
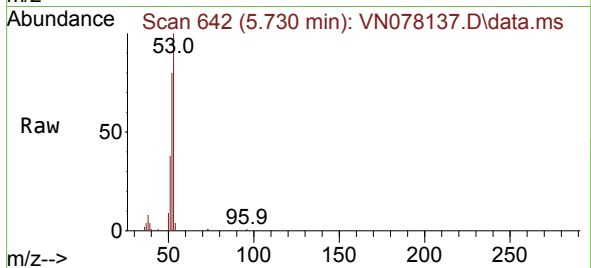




#15  
Acrylonitrile  
Concen: 102.288 ug/l  
RT: 5.730 min Scan# 642  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

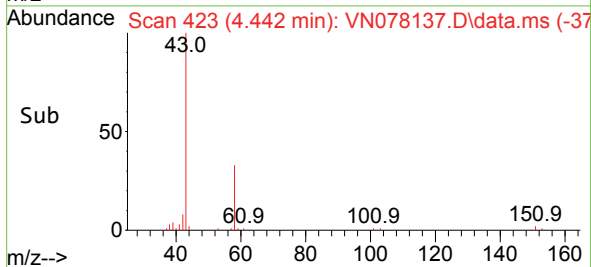
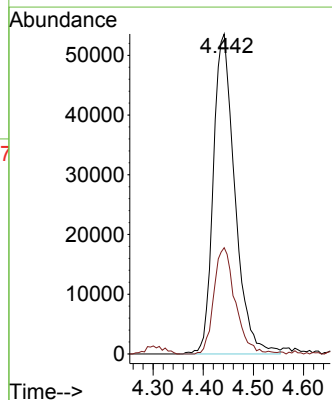
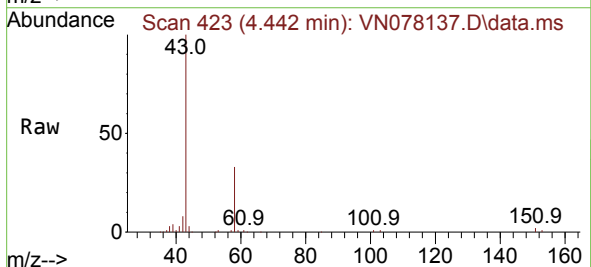
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

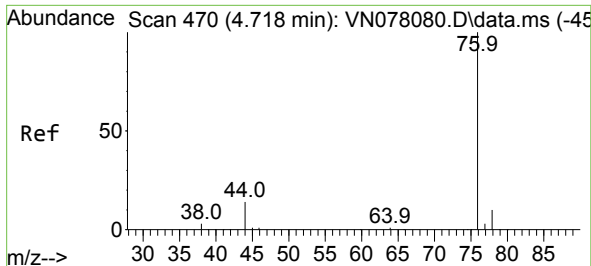
Tgt Ion: 53 Resp: 190598  
Ion Ratio Lower Upper  
53 100  
52 82.8 65.3 97.9  
51 35.9 28.9 43.3



#16  
Acetone  
Concen: 106.331 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. 0.006 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 43 Resp: 160200  
Ion Ratio Lower Upper  
43 100  
58 33.2 28.0 42.0

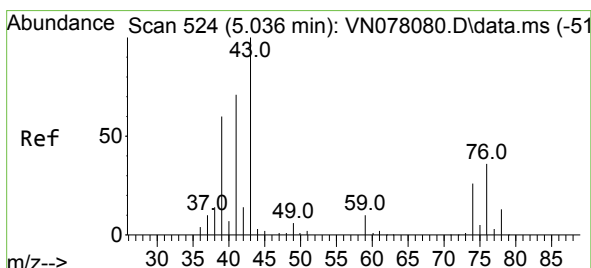
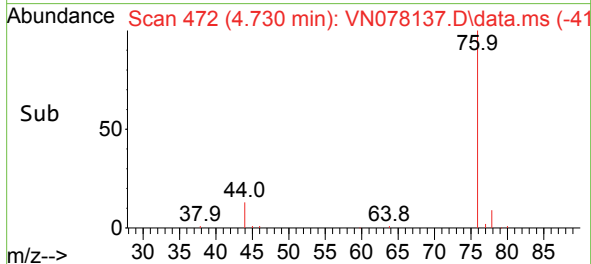
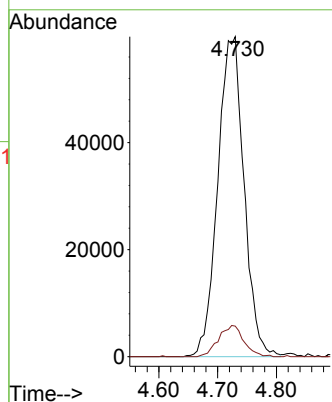
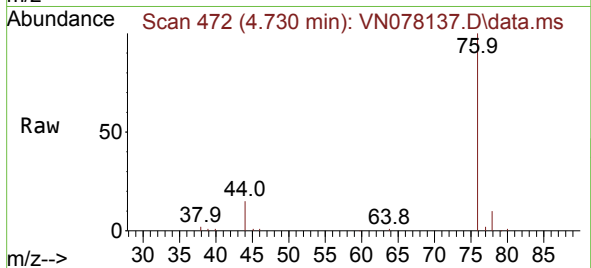




#17  
Carbon Disulfide  
Concen: 16.790 ug/l  
RT: 4.730 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

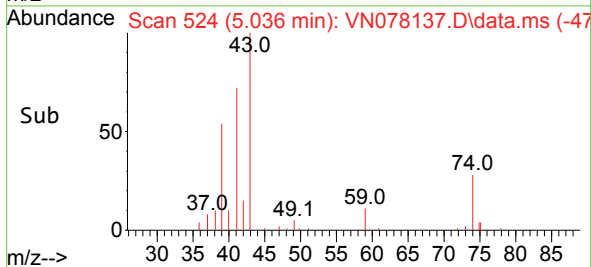
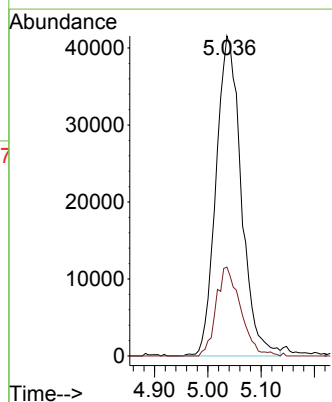
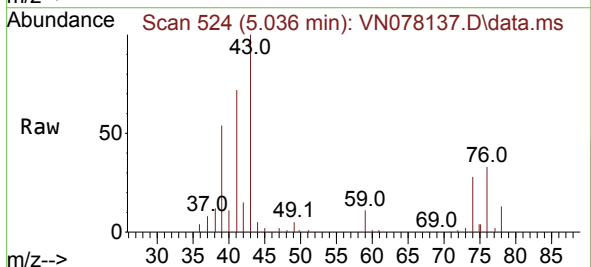
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

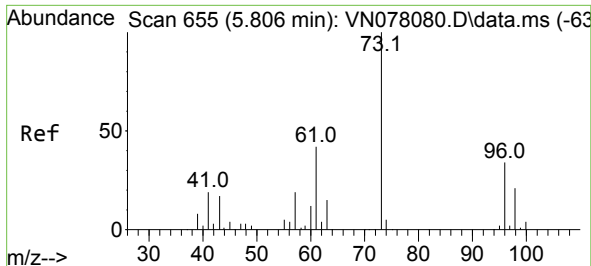
Tgt Ion: 76 Resp: 185269  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 19.719 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 43 Resp: 136782  
Ion Ratio Lower Upper  
43 100  
74 26.9 26.2 39.4

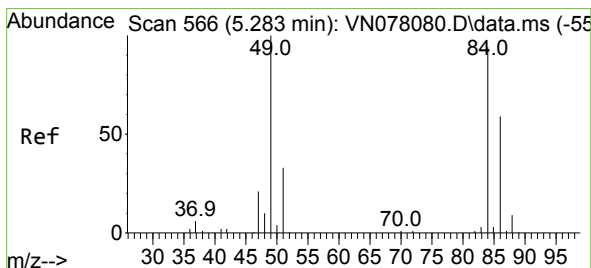
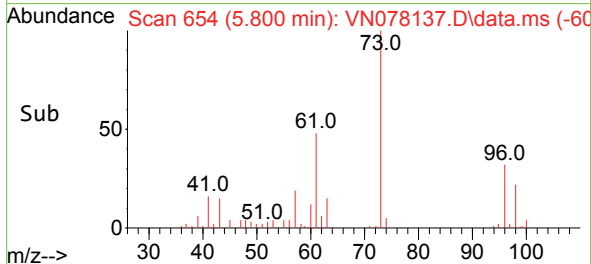
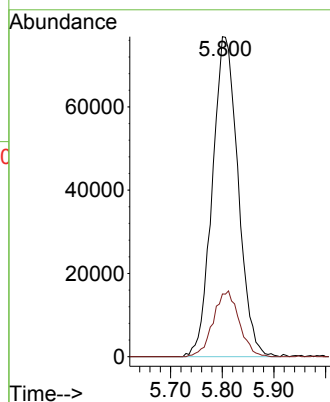
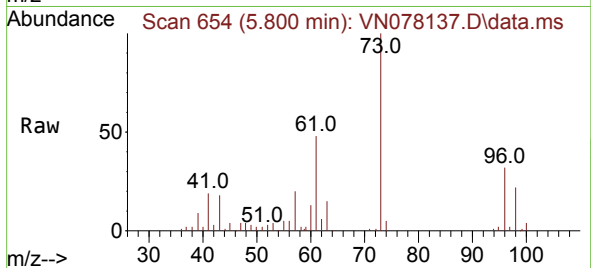




#19  
Methyl tert-butyl Ether  
Concen: 19.447 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

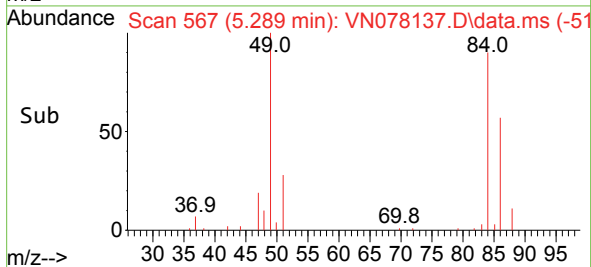
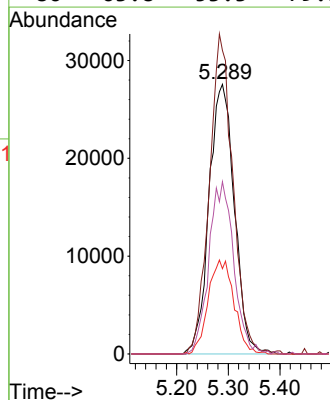
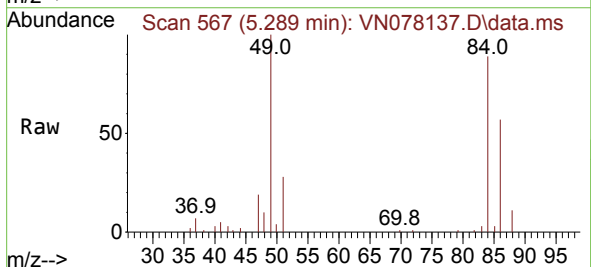
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

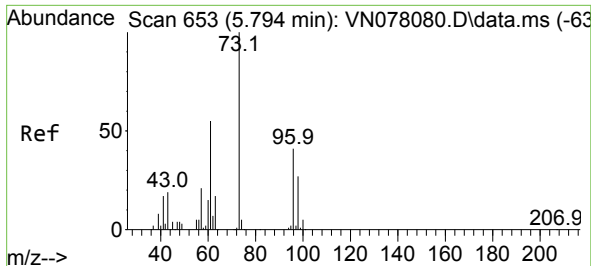
Tgt Ion: 73 Resp: 265990  
Ion Ratio Lower Upper  
73 100  
57 19.6 15.6 23.4



#20  
Methylene Chloride  
Concen: 18.878 ug/l  
RT: 5.289 min Scan# 567  
Delta R.T. 0.006 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 84 Resp: 93990  
Ion Ratio Lower Upper  
84 100  
49 112.5 79.7 119.5  
51 31.6 25.2 37.8  
86 63.8 53.3 79.9

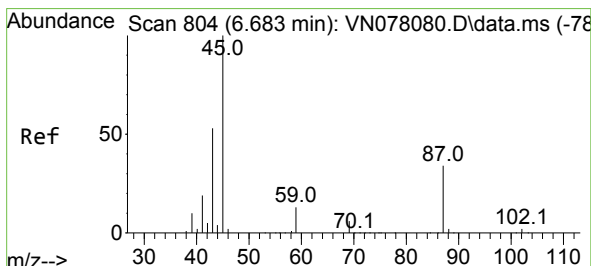
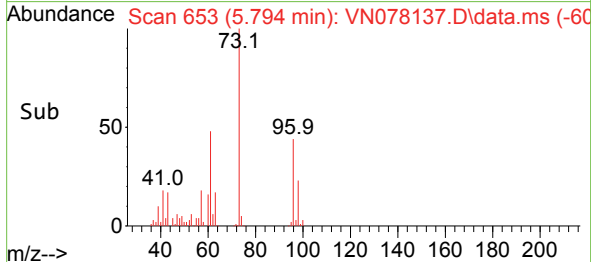
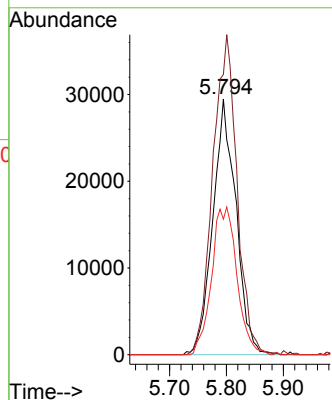
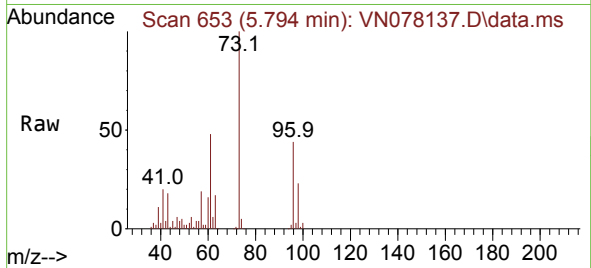




#21  
trans-1,2-Dichloroethene  
Concen: 18.048 ug/l  
RT: 5.794 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

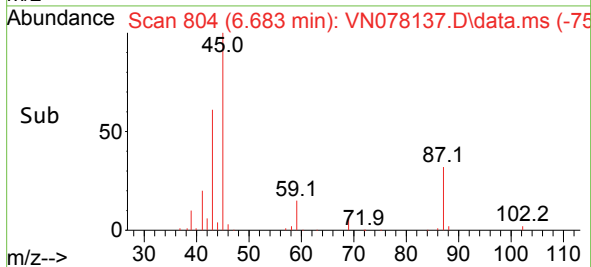
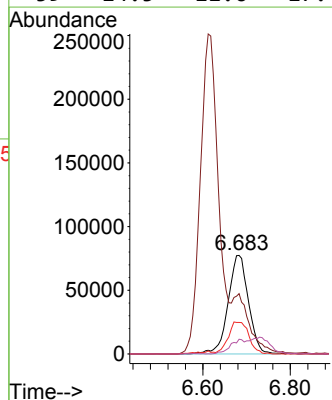
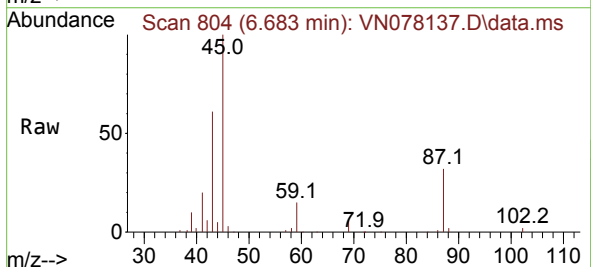
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

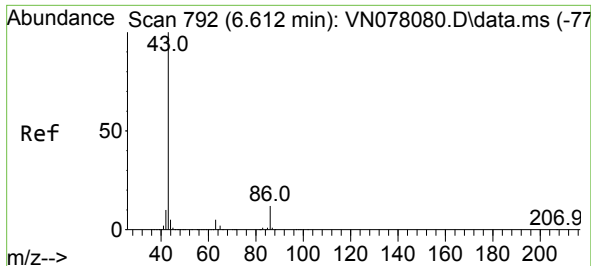
Tgt Ion: 96 Resp: 83452  
Ion Ratio Lower Upper  
96 100  
61 109.7 90.1 135.1  
98 53.0 46.4 69.6



#22  
Diisopropyl ether  
Concen: 20.312 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 45 Resp: 250027  
Ion Ratio Lower Upper  
45 100  
43 60.6 45.5 68.3  
87 31.8 31.8 47.8#  
59 14.5 11.6 17.4

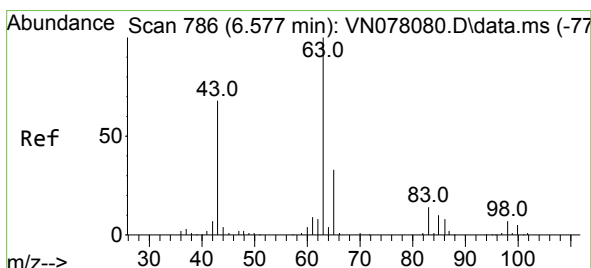
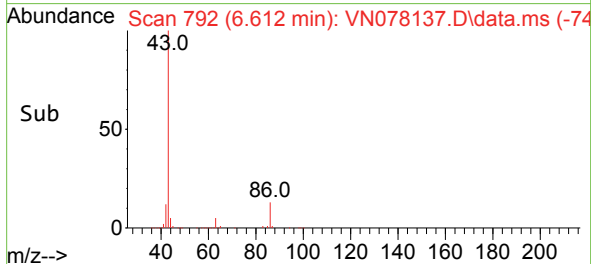
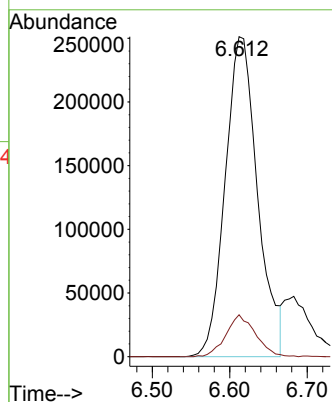
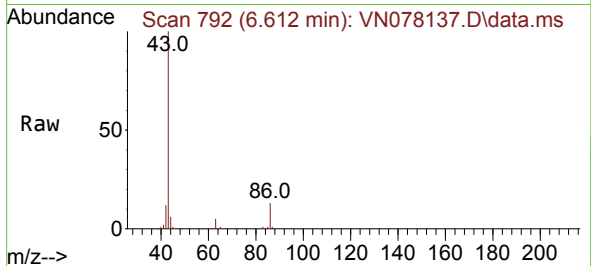




#23  
 Vinyl Acetate  
 Concen: 100.154 ug/l  
 RT: 6.612 min Scan# 792  
 Delta R.T. 0.000 min  
 Lab File: VN078137.D  
 Acq: 09 Jun 2023 11:26

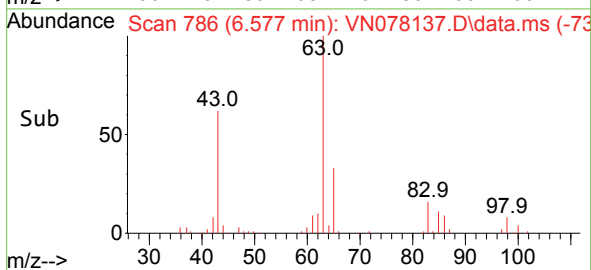
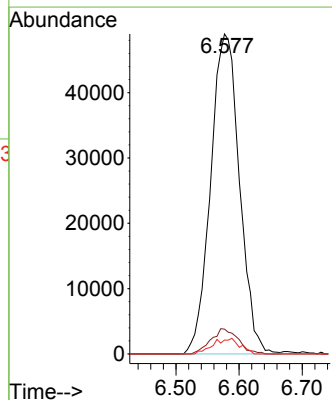
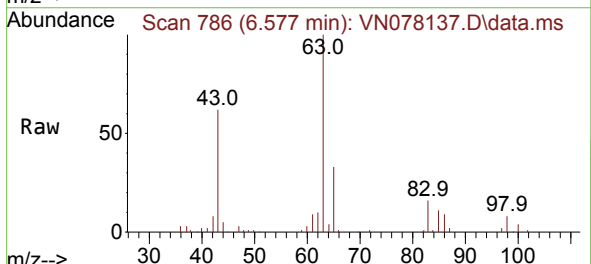
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

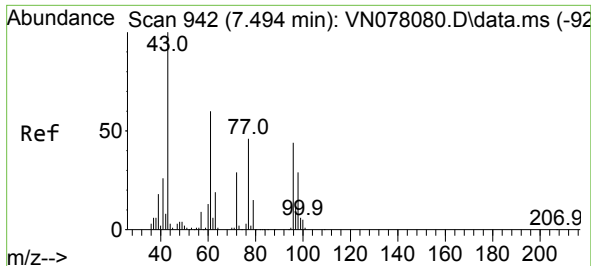
Tgt Ion: 43 Resp: 732854  
 Ion Ratio Lower Upper  
 43 100  
 86 13.1 13.0 19.6



#24  
 1,1-Dichloroethane  
 Concen: 19.129 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. 0.000 min  
 Lab File: VN078137.D  
 Acq: 09 Jun 2023 11:26

Tgt Ion: 63 Resp: 155333  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.9 11.7  
 100 4.4 2.5 7.4

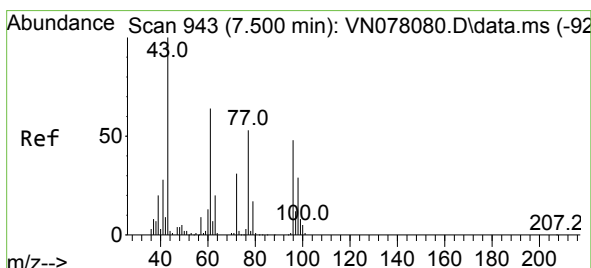
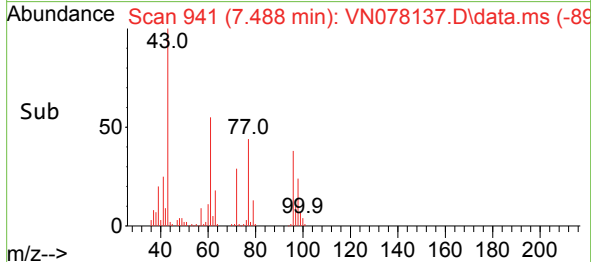
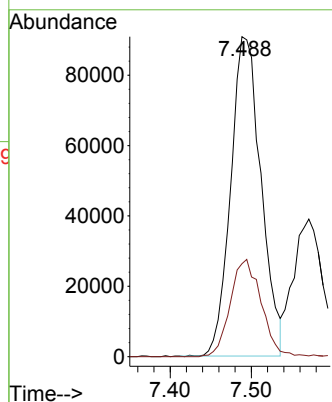
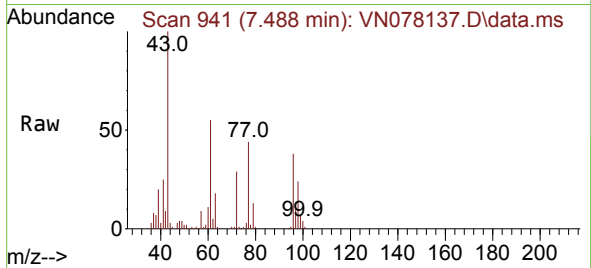




#25  
2-Butanone  
Concen: 101.721 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

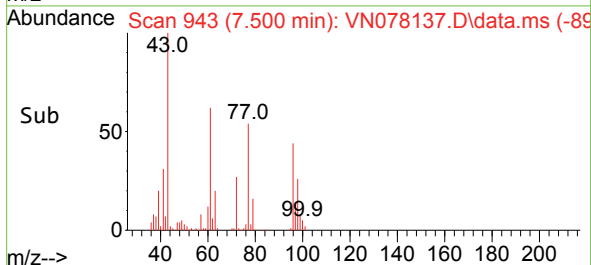
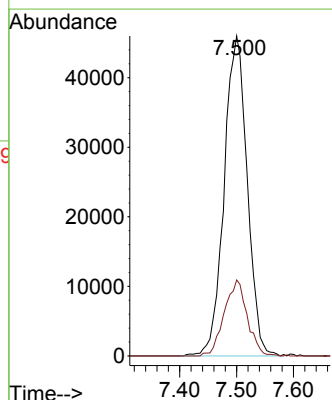
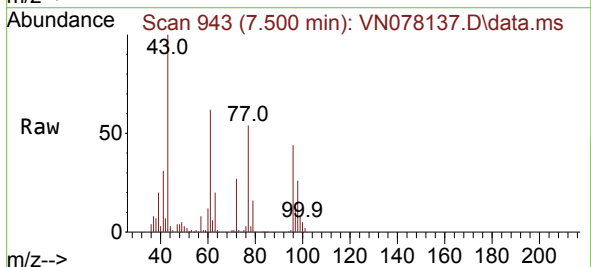
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

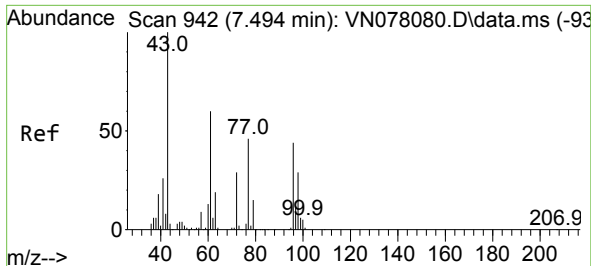
Tgt Ion: 43 Resp: 235673  
Ion Ratio Lower Upper  
43 100  
72 29.1 30.2 45.2#



#26  
2,2-Dichloropropane  
Concen: 21.657 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 77 Resp: 129851  
Ion Ratio Lower Upper  
77 100  
97 23.6 11.2 33.6

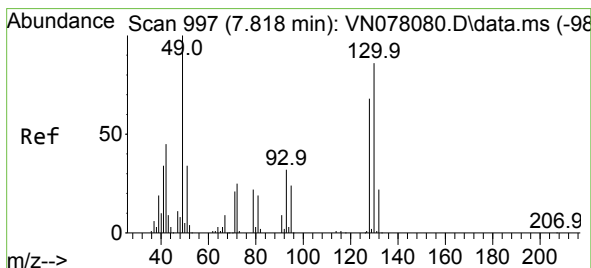
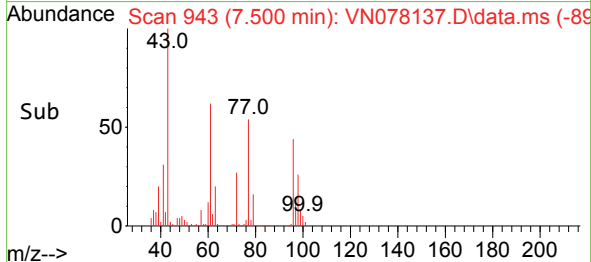
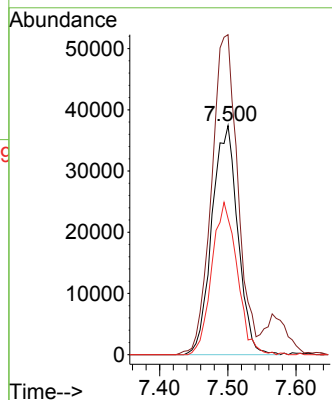
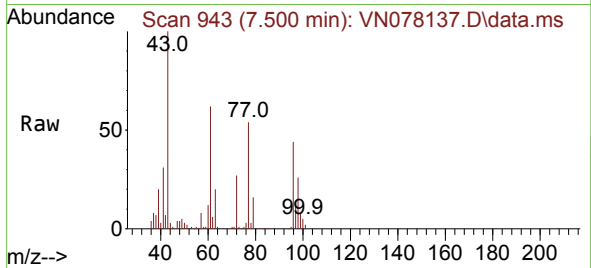




#27  
 cis-1,2-Dichloroethene  
 Concen: 17.935 ug/l  
 RT: 7.500 min Scan# 942  
 Delta R.T. 0.006 min  
 Lab File: VN078137.D  
 Acq: 09 Jun 2023 11:26

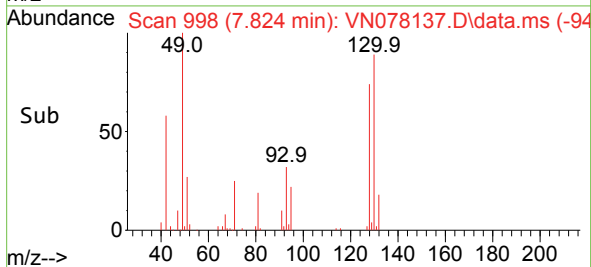
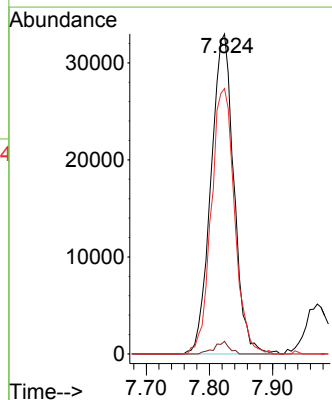
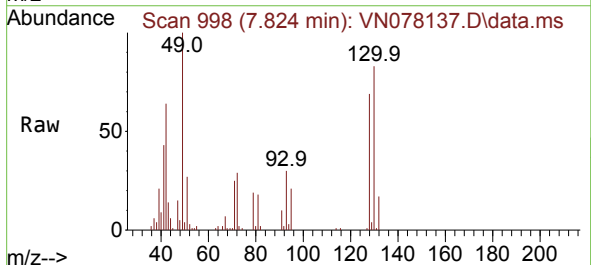
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

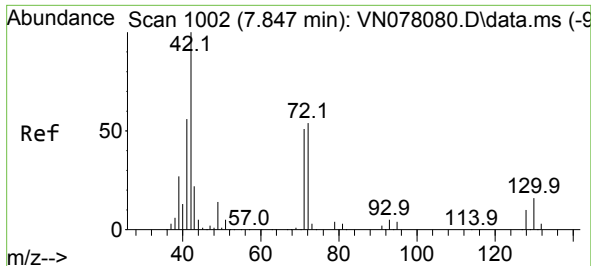
Tgt Ion: 96 Resp: 98918  
 Ion Ratio Lower Upper  
 96 100  
 61 141.9 0.0 255.2  
 98 65.3 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 22.276 ug/l  
 RT: 7.824 min Scan# 998  
 Delta R.T. 0.006 min  
 Lab File: VN078137.D  
 Acq: 09 Jun 2023 11:26

Tgt Ion: 49 Resp: 83053  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 4.8  
 130 84.5 75.3 112.9

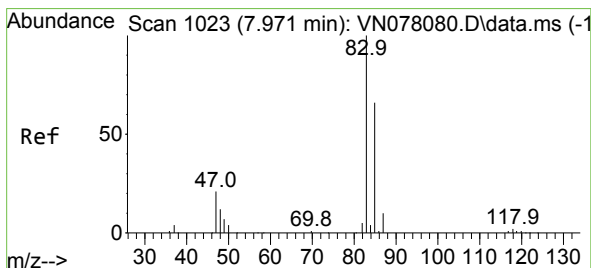
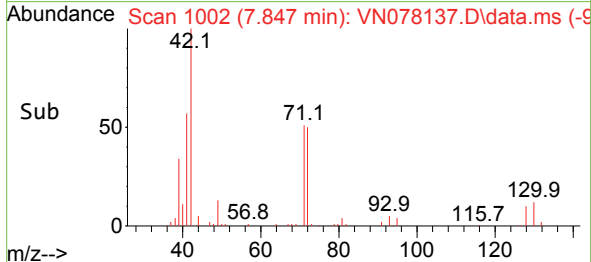
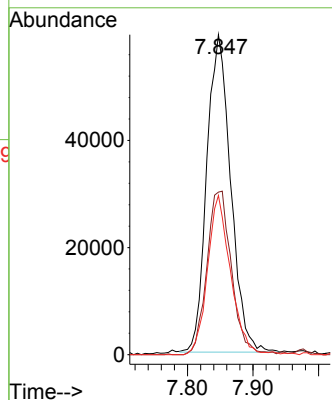
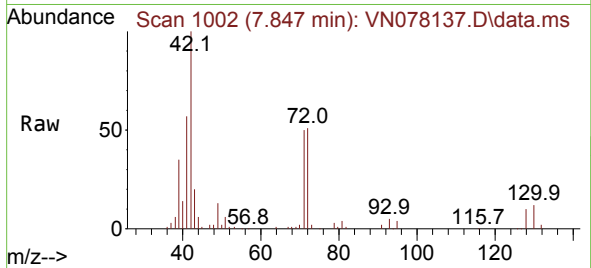




#29  
Tetrahydrofuran  
Concen: 97.101 ug/l  
RT: 7.847 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

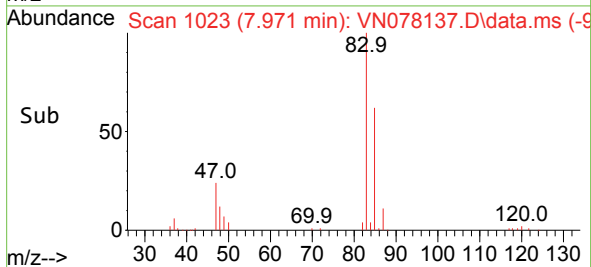
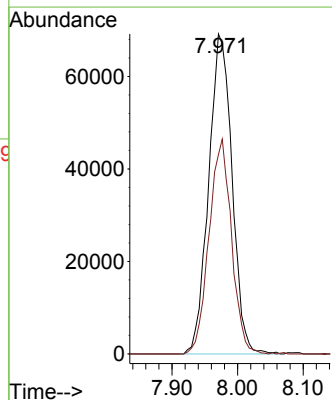
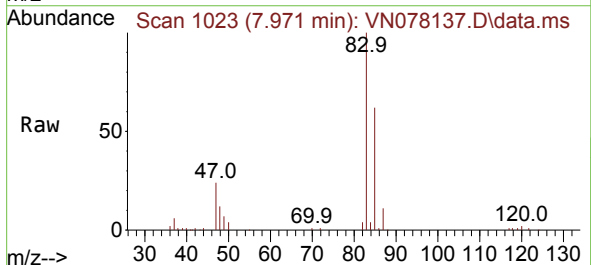
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

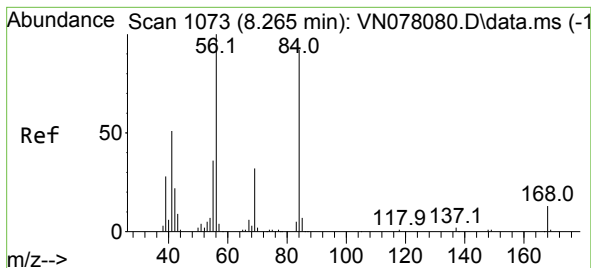
Tgt Ion: 42 Resp: 150393  
Ion Ratio Lower Upper  
42 100  
72 52.9 49.8 74.6  
71 48.0 47.4 71.2



#30  
Chloroform  
Concen: 19.572 ug/l  
RT: 7.971 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 83 Resp: 171137  
Ion Ratio Lower Upper  
83 100  
85 62.3 55.4 83.0





#31

Cyclohexane

Concen: 18.918 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

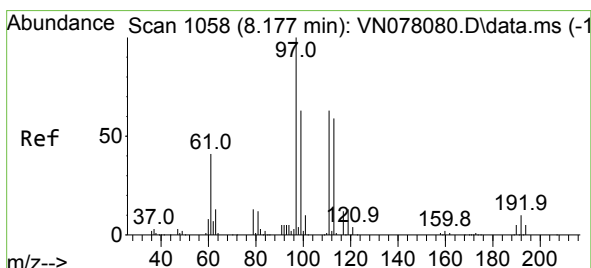
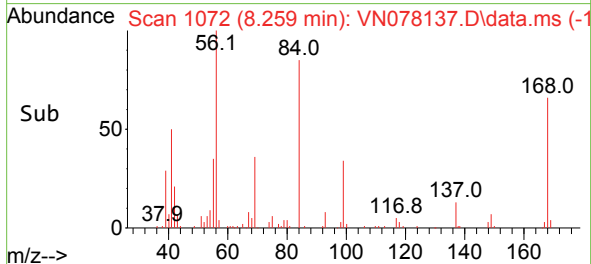
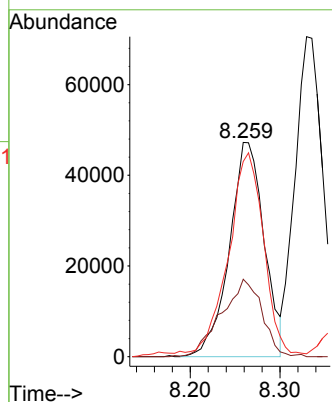
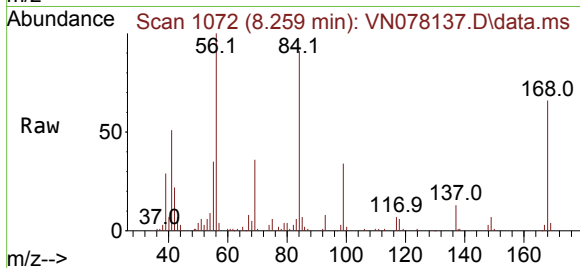
Tgt Ion: 56 Resp: 127022

Ion Ratio Lower Upper

56 100

69 35.9 26.8 40.2

84 88.6 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.192 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

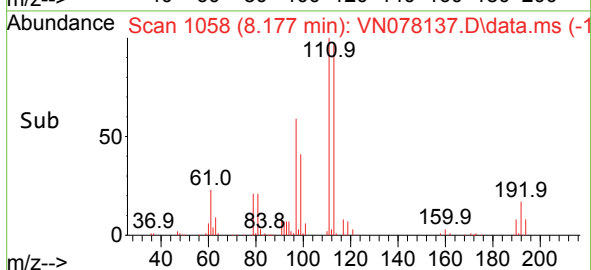
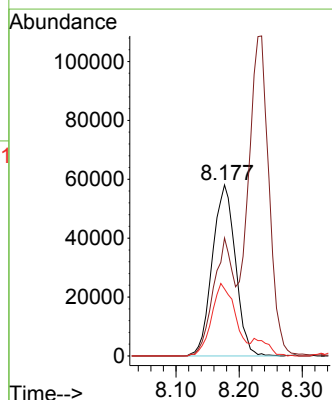
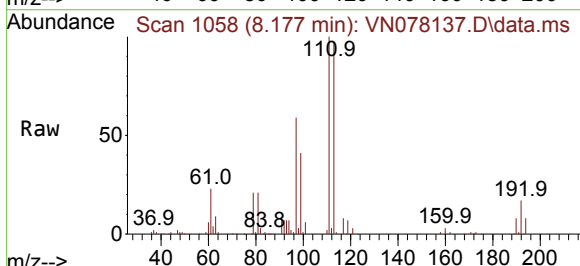
Tgt Ion: 97 Resp: 147329

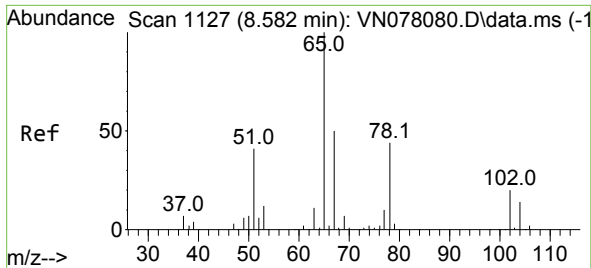
Ion Ratio Lower Upper

97 100

99 58.6 50.3 75.5

61 44.2 34.7 52.1

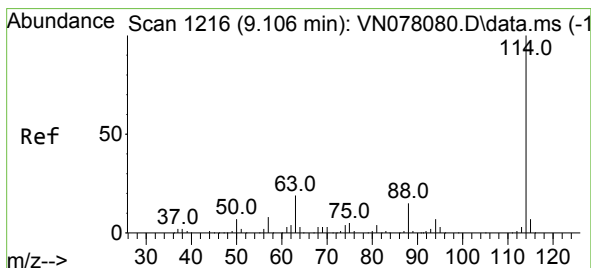
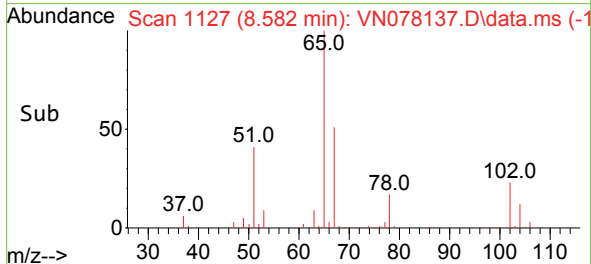
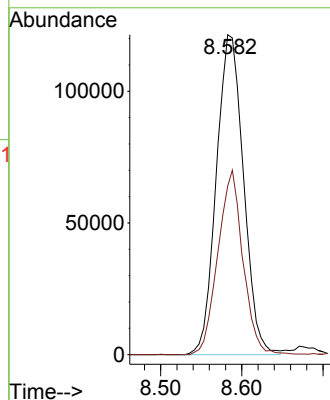
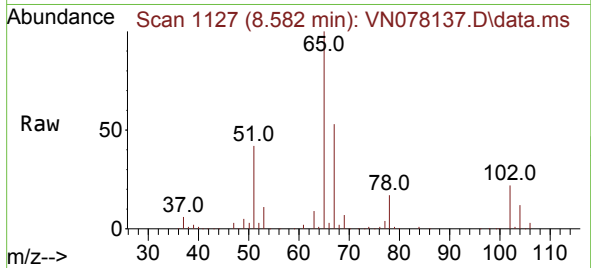




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.036 ug/l  
 RT: 8.582 min Scan# 1127  
 Delta R.T. 0.000 min  
 Lab File: VN078137.D  
 Acq: 09 Jun 2023 11:26

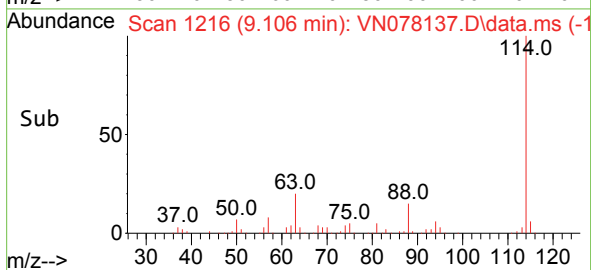
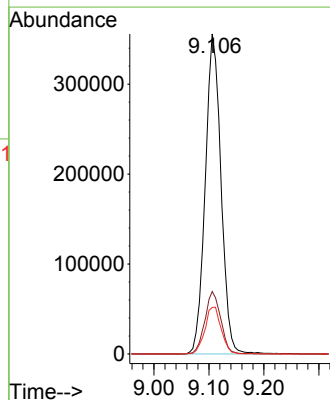
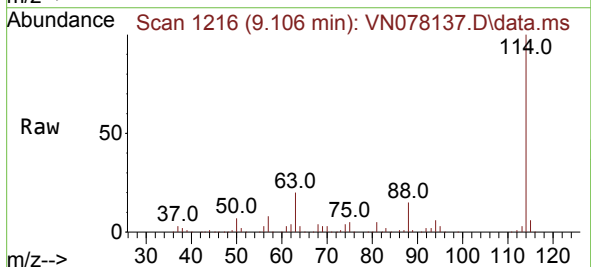
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

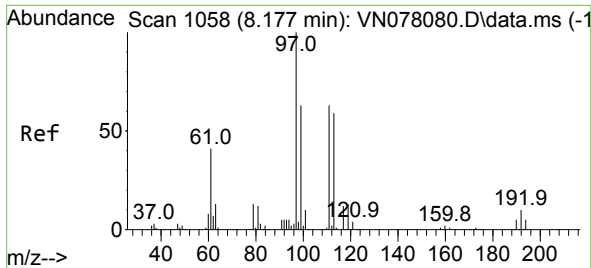
Tgt Ion: 65 Resp: 282842  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 106.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.106 min Scan# 1216  
 Delta R.T. 0.000 min  
 Lab File: VN078137.D  
 Acq: 09 Jun 2023 11:26

Tgt Ion: 114 Resp: 708239  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 36.4  
 88 14.5 0.0 30.6

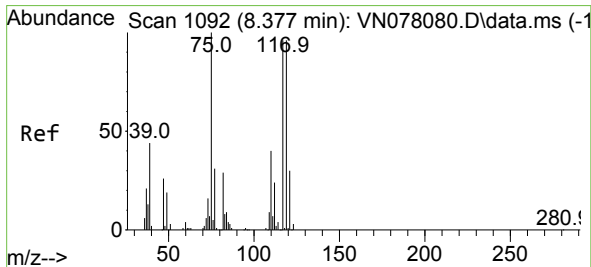
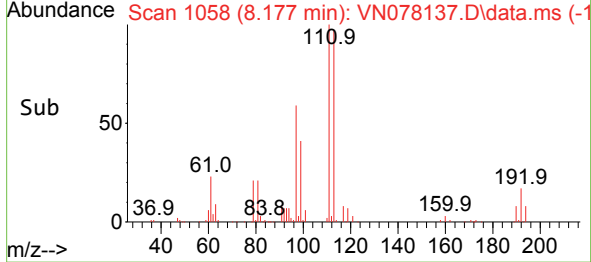
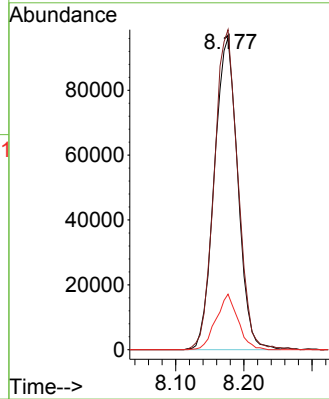
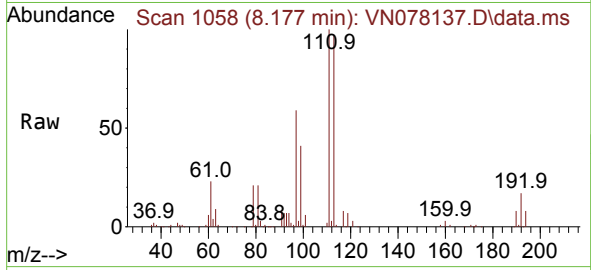




#35  
Dibromofluoromethane  
Concen: 51.455 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

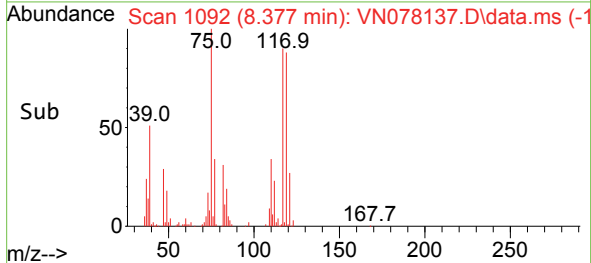
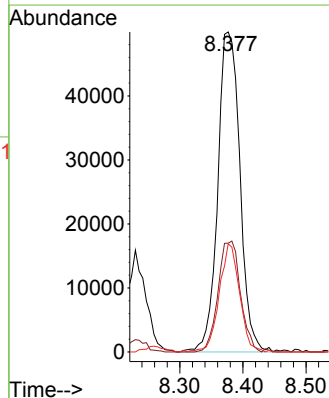
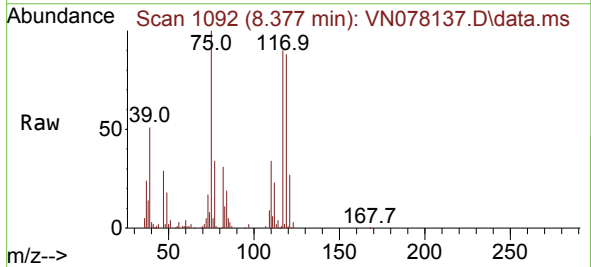
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

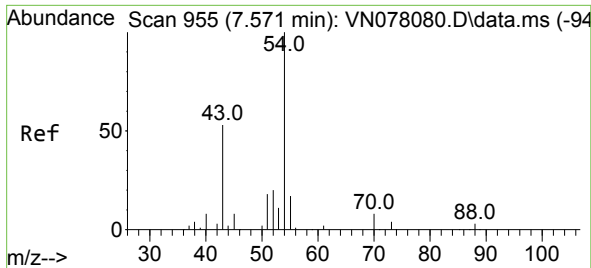
Tgt Ion:113 Resp: 230420  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.6 123.8  
192 16.6 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 19.008 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 75 Resp: 122093  
Ion Ratio Lower Upper  
75 100  
110 34.8 19.1 57.3  
77 31.0 25.0 37.4

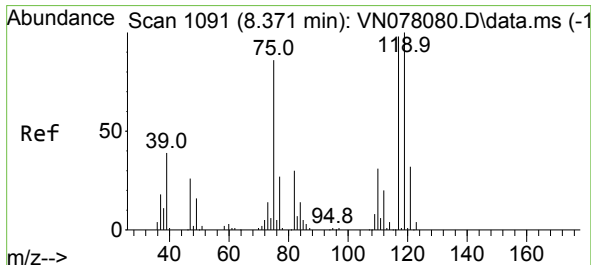
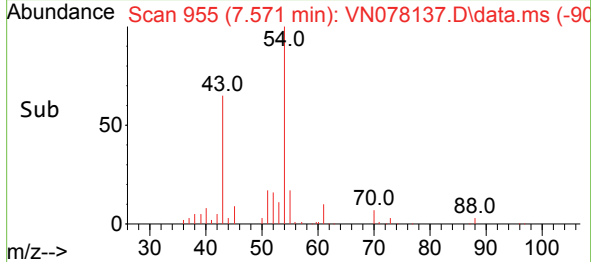
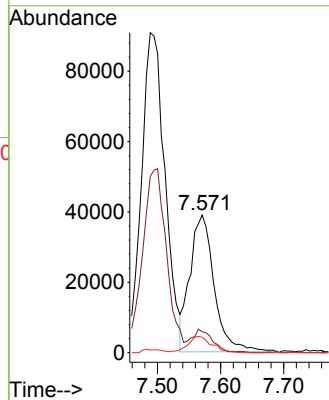
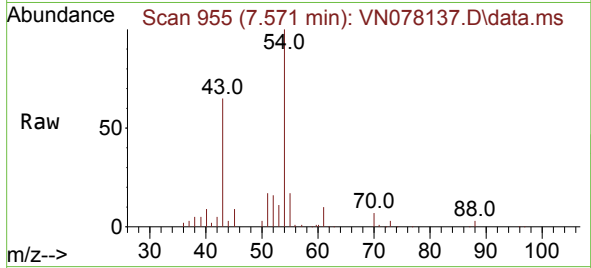




#37  
Ethyl Acetate  
Concen: 20.756 ug/l  
RT: 7.571 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

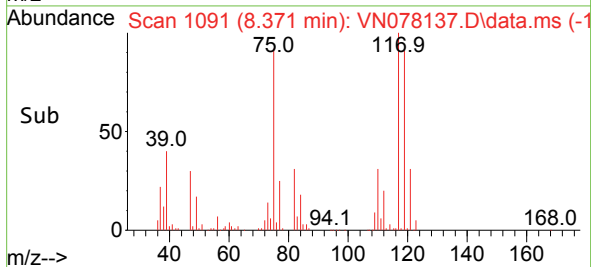
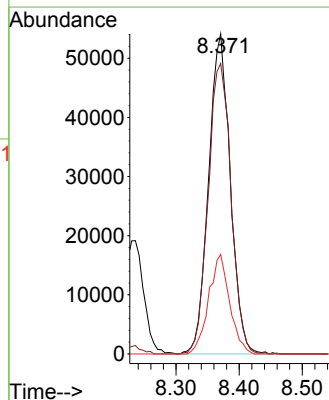
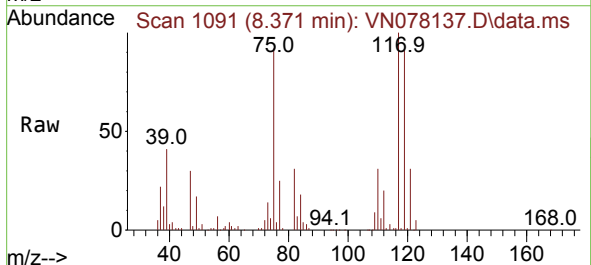
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

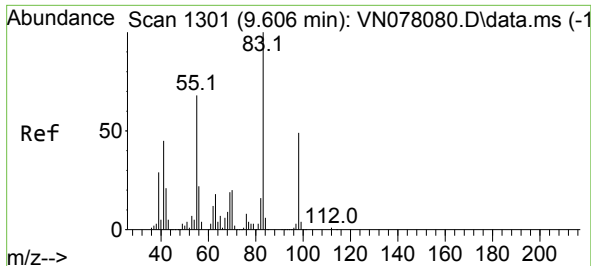
Tgt Ion: 43 Resp: 104149  
Ion Ratio Lower Upper  
43 100  
61 14.0 13.2 19.8  
70 11.6 11.3 16.9



#38  
Carbon Tetrachloride  
Concen: 19.064 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 117 Resp: 129301  
Ion Ratio Lower Upper  
117 100  
119 90.7 77.3 115.9  
121 31.1 23.3 34.9

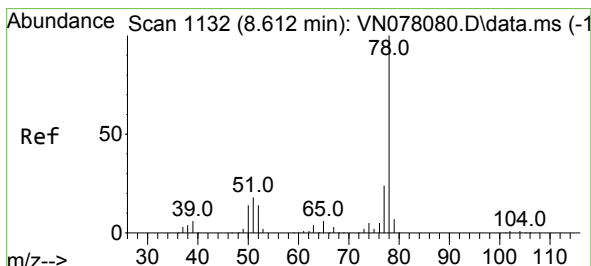
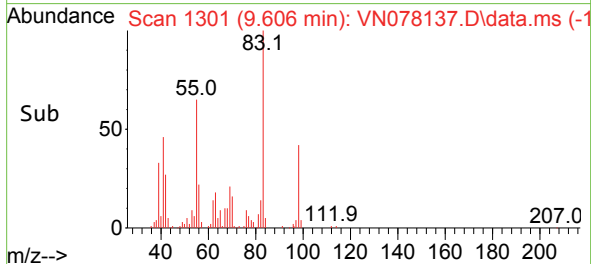
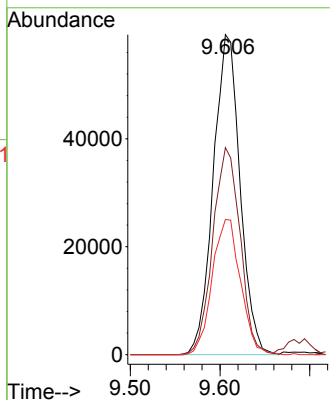
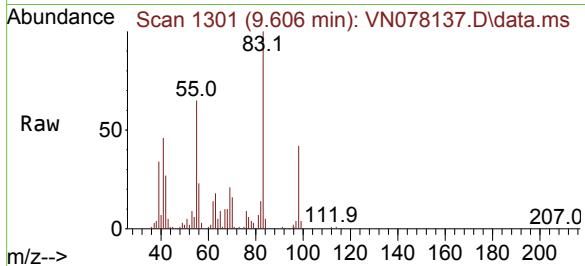




#39  
Methylcyclohexane  
Concen: 18.452 ug/l  
RT: 9.606 min Scan# 11301  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

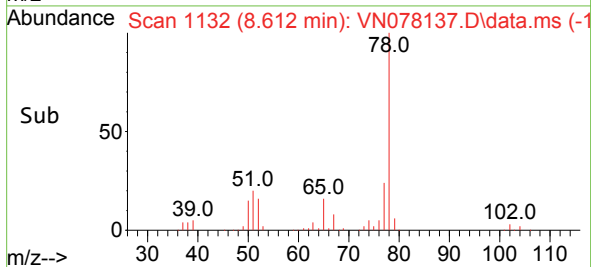
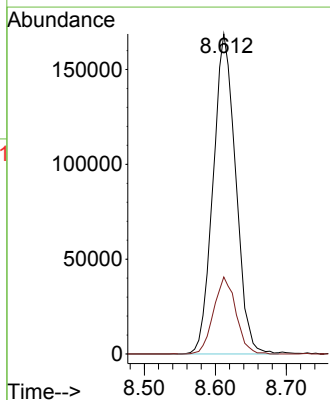
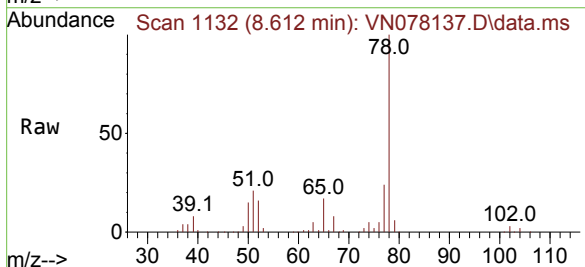
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

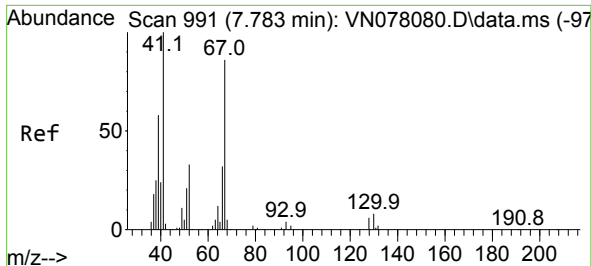
Tgt Ion: 83 Resp: 122830  
Ion Ratio Lower Upper  
83 100  
55 64.7 49.1 73.7  
98 42.2 40.6 61.0



#40  
Benzene  
Concen: 19.424 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 78 Resp: 372474  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.0 28.6

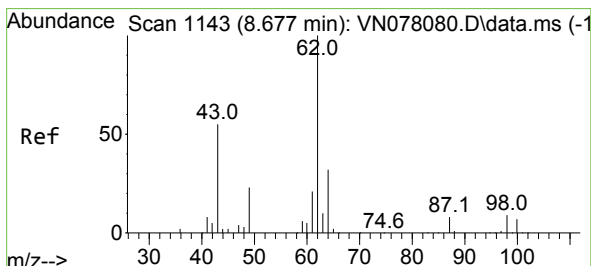
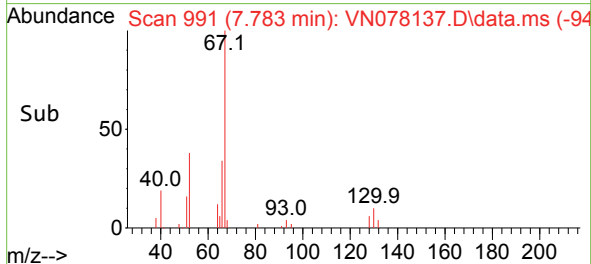
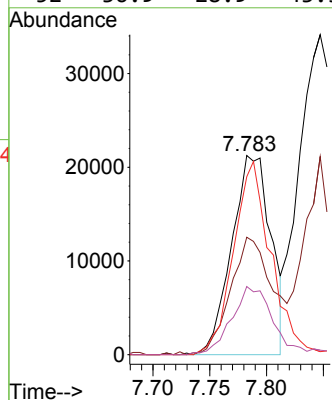
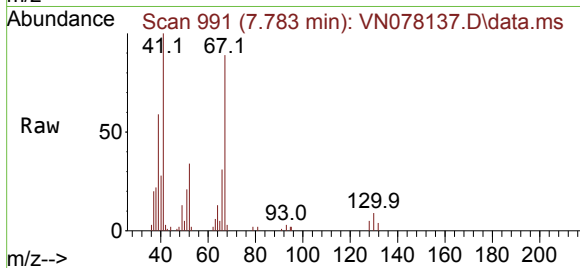




#41  
Methacrylonitrile  
Concen: 18.750 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

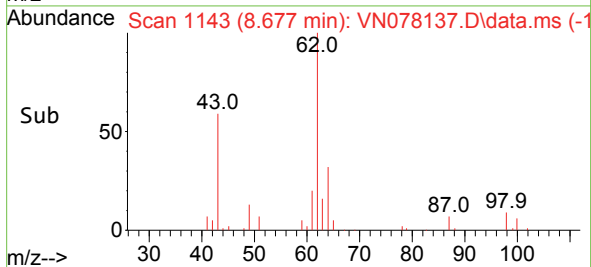
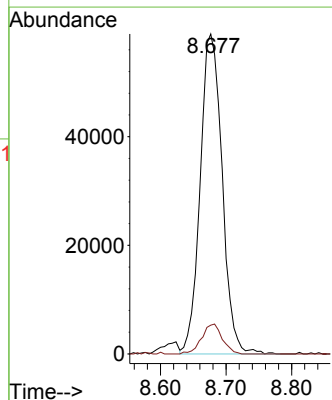
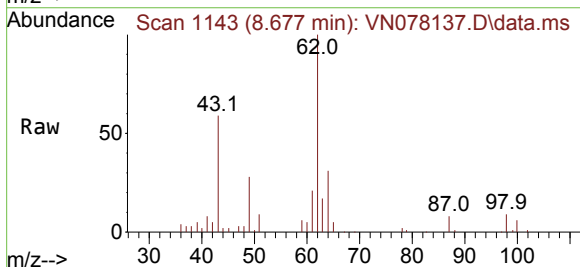
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

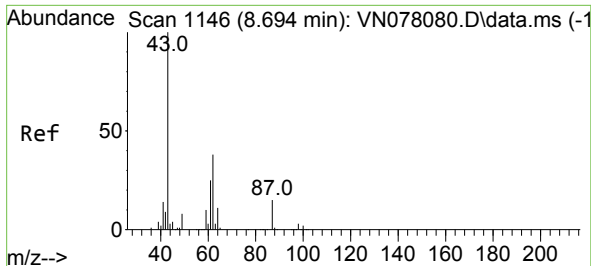
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 50997 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 63.7  | 42.6  | 64.0  |
| 67       | 93.1  | 77.5  | 116.3 |
| 52       | 36.9  | 28.9  | 43.3  |



#42  
1,2-Dichloroethane  
Concen: 20.898 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 137402 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.8   | 0.0   | 19.8   |

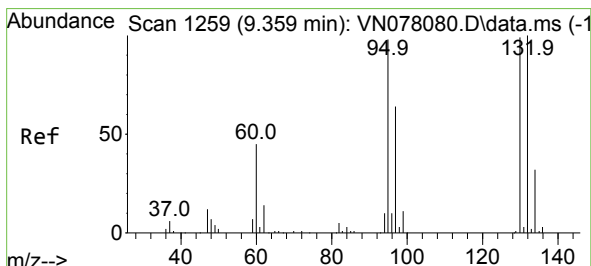
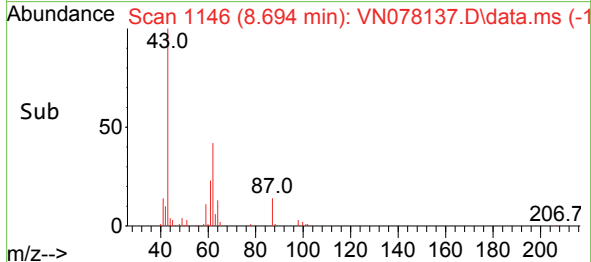
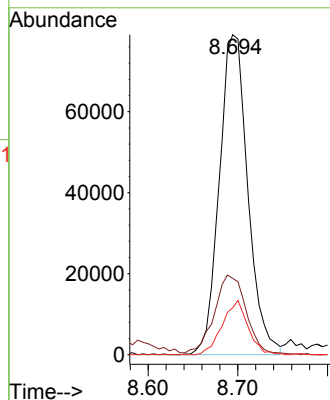
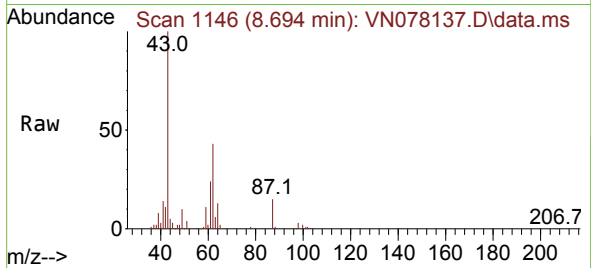




#43  
Isopropyl Acetate  
Concen: 18.189 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

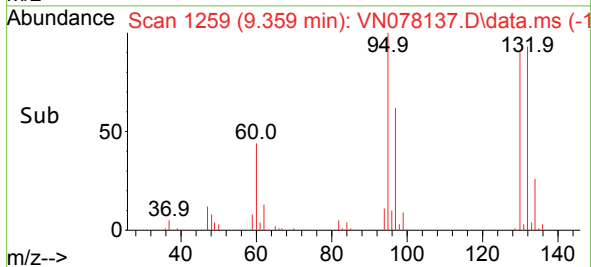
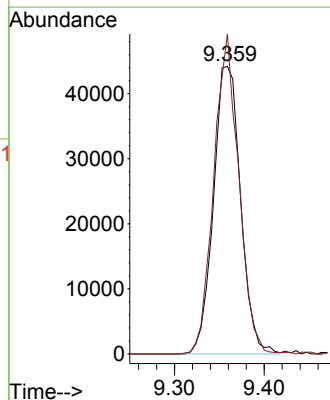
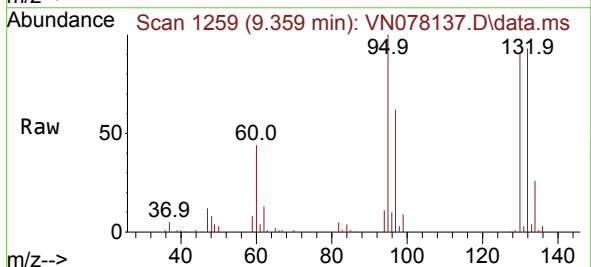
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

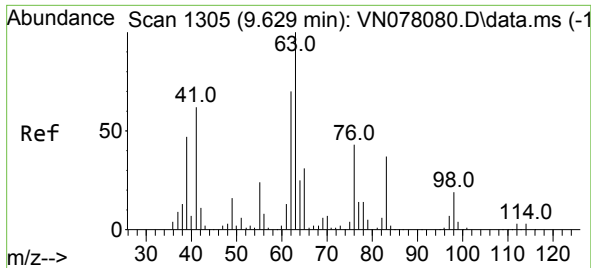
Tgt Ion: 43 Resp: 174547  
Ion Ratio Lower Upper  
43 100  
61 28.0 24.7 37.1  
87 15.3 14.6 21.8



#44  
Trichloroethene  
Concen: 18.337 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion:130 Resp: 92862  
Ion Ratio Lower Upper  
130 100  
95 111.3 0.0 204.6

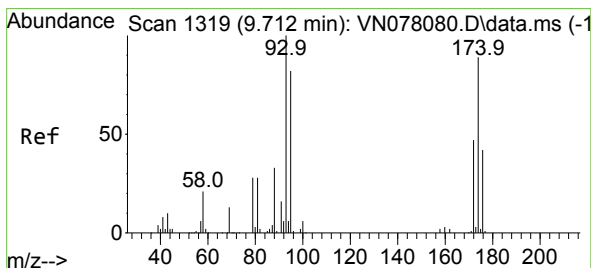
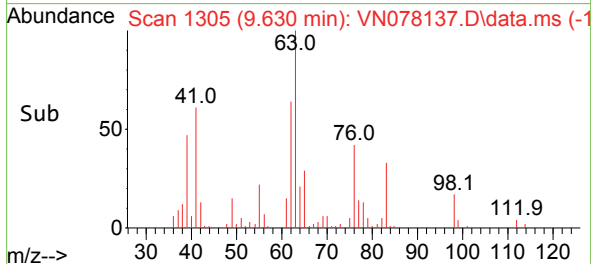
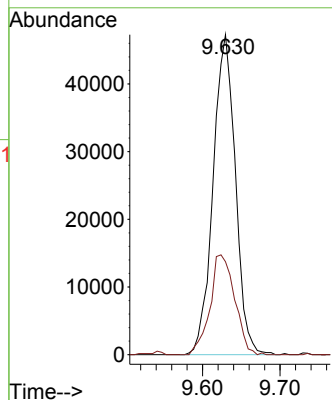
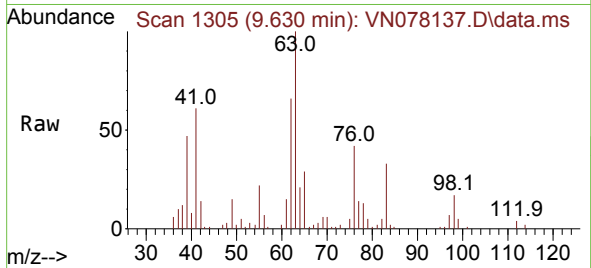




#45  
1,2-Dichloropropane  
Concen: 19.869 ug/l  
RT: 9.630 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

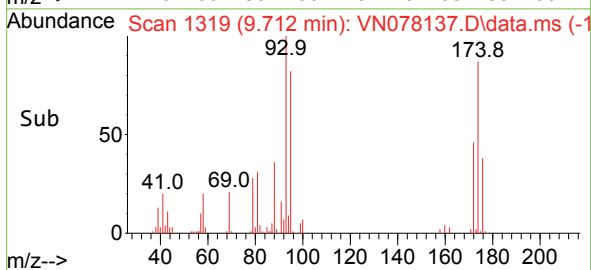
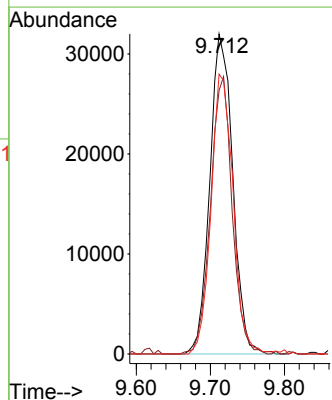
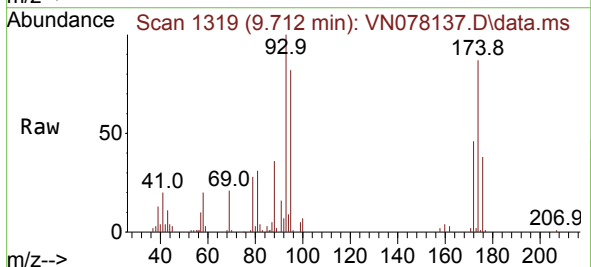
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

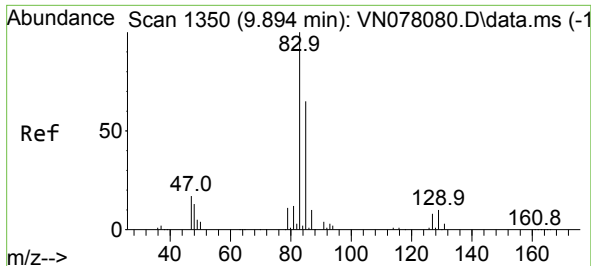
Tgt Ion: 63 Resp: 94798  
Ion Ratio Lower Upper  
63 100  
65 29.1 23.9 35.9



#46  
Dibromomethane  
Concen: 19.605 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 93 Resp: 68897  
Ion Ratio Lower Upper  
93 100  
95 81.9 63.8 95.8  
174 83.8 65.6 98.4

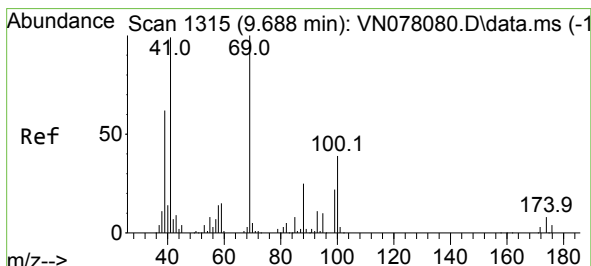
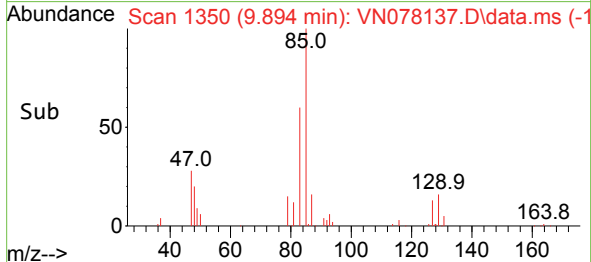
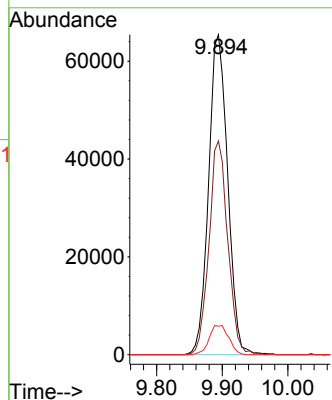
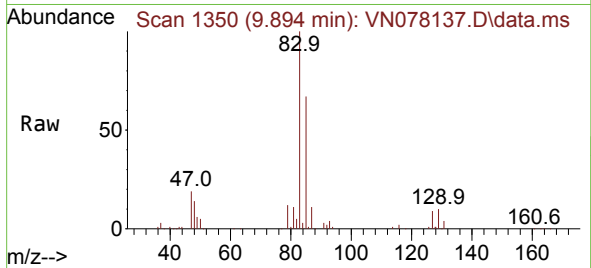




#47  
Bromodichloromethane  
Concen: 20.265 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

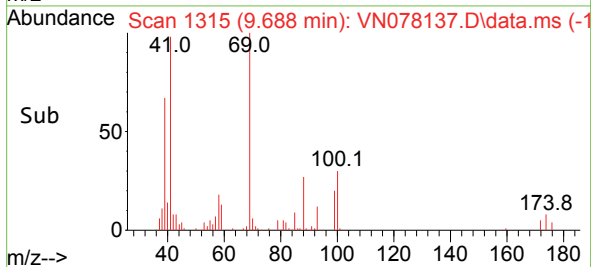
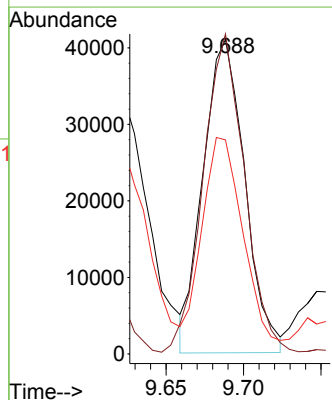
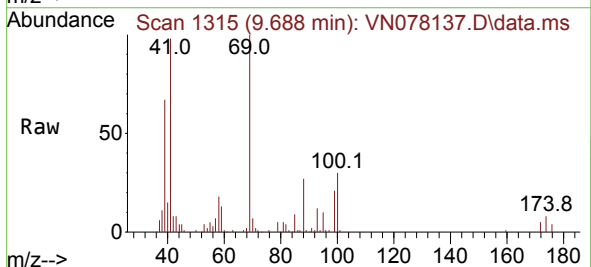
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

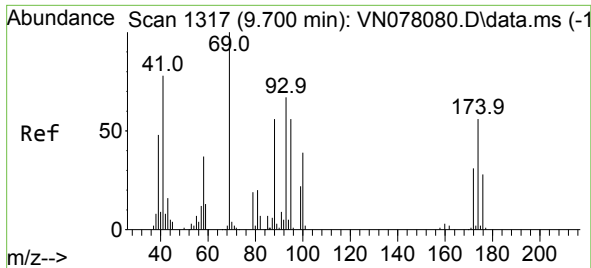
Tgt Ion: 83 Resp: 132285  
Ion Ratio Lower Upper  
83 100  
85 66.8 49.6 74.4  
127 8.9 7.0 10.6



#48  
Methyl methacrylate  
Concen: 19.019 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 41 Resp: 76594  
Ion Ratio Lower Upper  
41 100  
69 100.4 90.4 135.6  
39 70.0 54.6 81.8





#49

1,4-Dioxane

Concen: 389.729 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

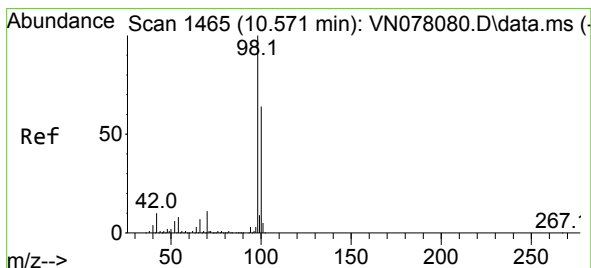
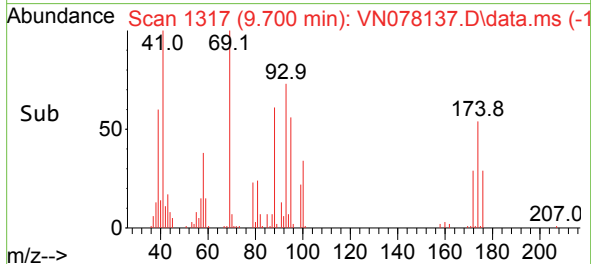
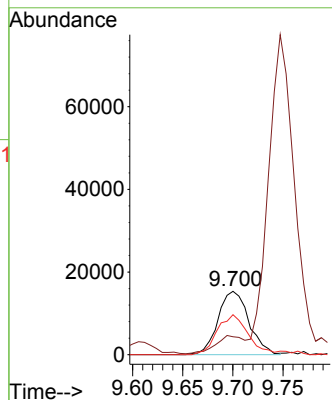
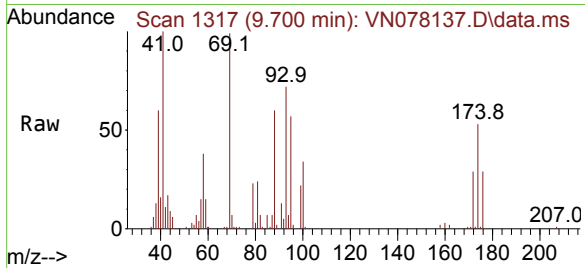
Tgt Ion: 88 Resp: 32988

Ion Ratio Lower Upper

88 100

43 25.6 17.0 25.6#

58 65.9 47.0 70.4



#50

Toluene-d8

Concen: 50.823 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078137.D

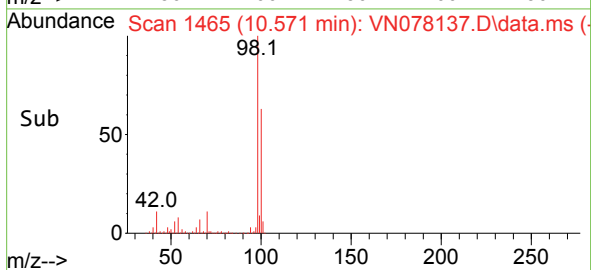
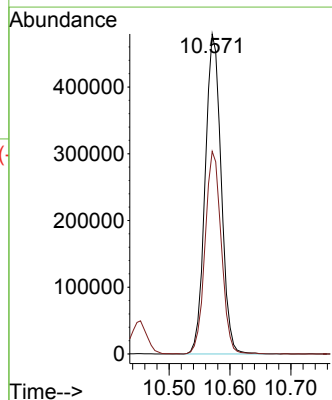
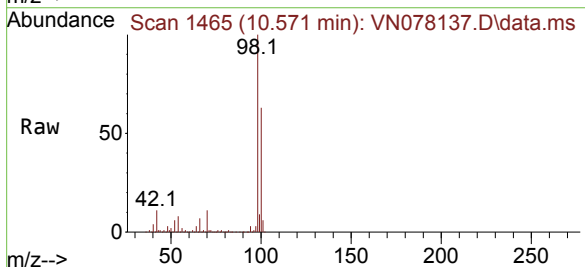
Acq: 09 Jun 2023 11:26

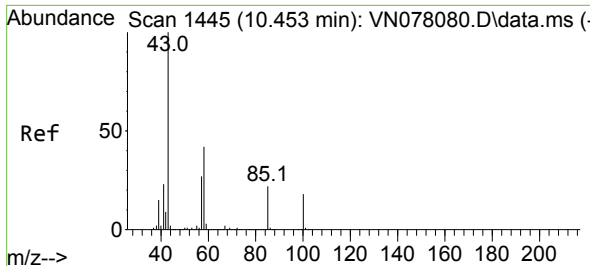
Tgt Ion: 98 Resp: 877379

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

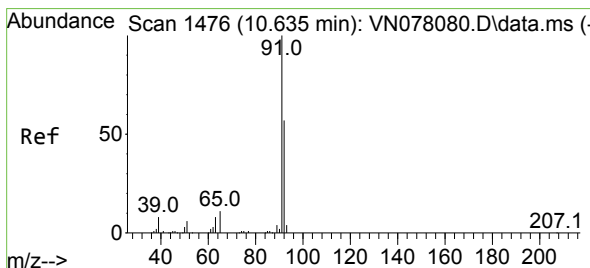
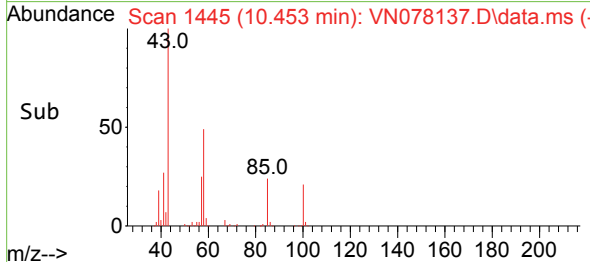
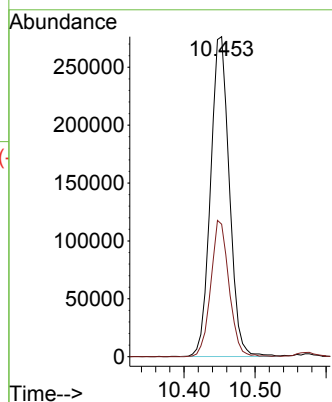
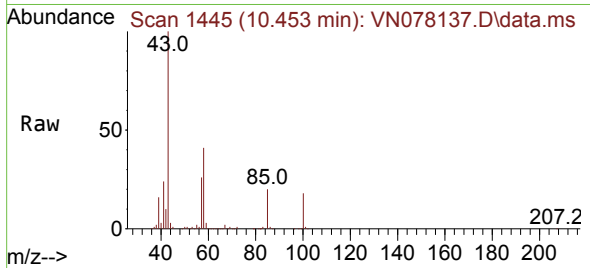




#51  
4-Methyl-2-Pentanone  
Concen: 100.191 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

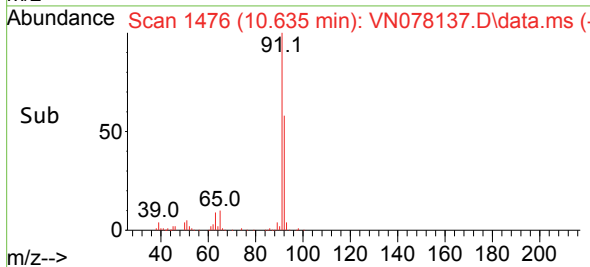
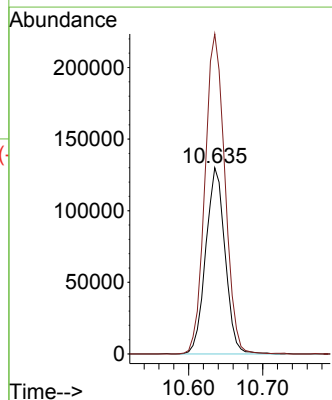
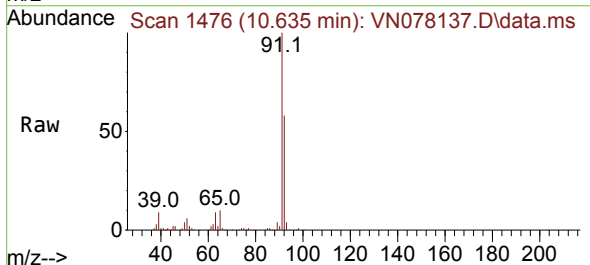
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

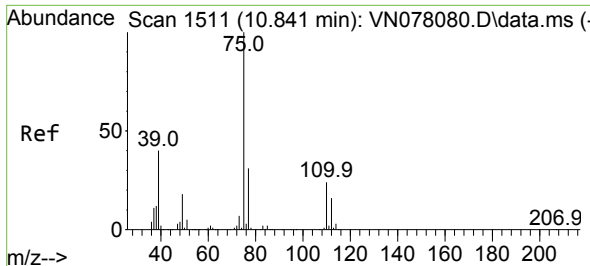
Tgt Ion: 43 Resp: 506304  
Ion Ratio Lower Upper  
43 100  
58 41.4 36.6 54.8



#52  
Toluene  
Concen: 19.463 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 92 Resp: 235651  
Ion Ratio Lower Upper  
92 100  
91 177.1 137.4 206.0

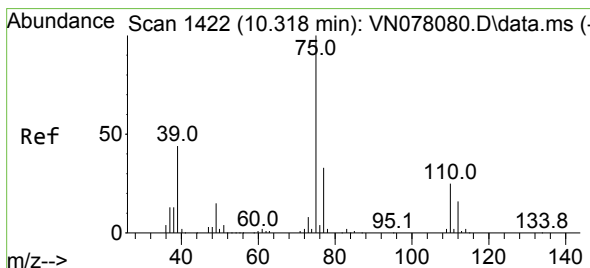
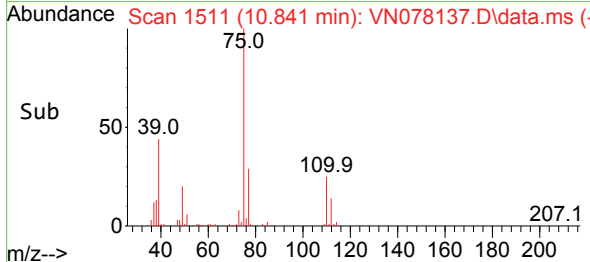
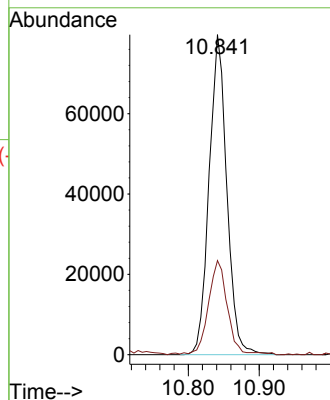
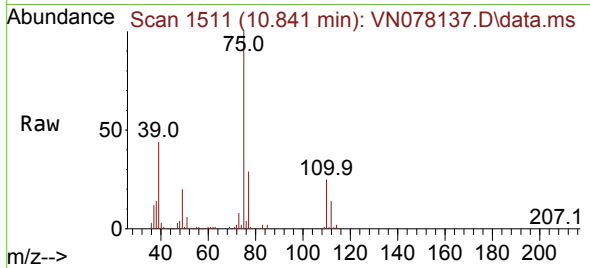




#53  
t-1,3-Dichloropropene  
Concen: 20.294 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

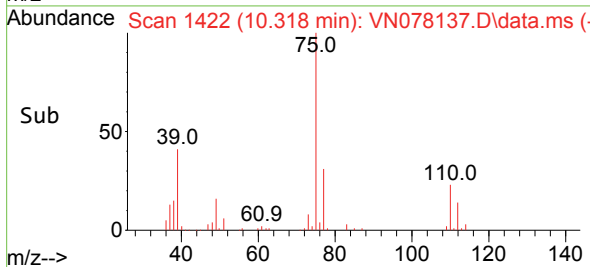
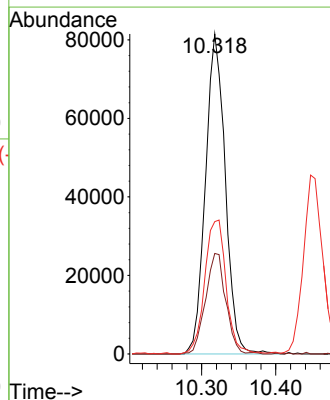
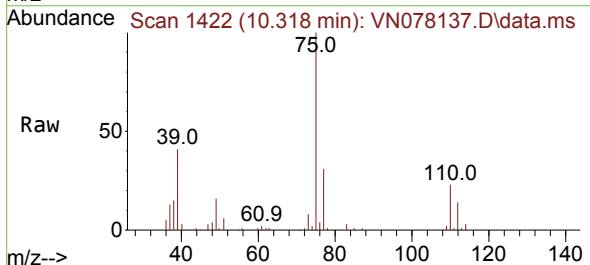
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

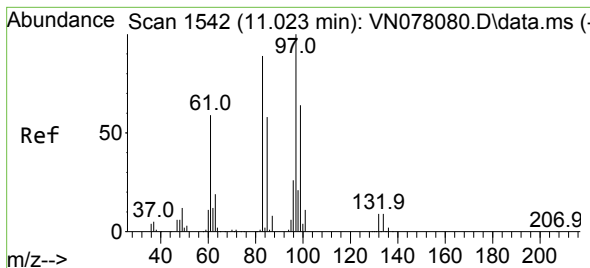
Tgt Ion: 75 Resp: 137966  
Ion Ratio Lower Upper  
75 100  
77 29.4 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 20.141 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 75 Resp: 151362  
Ion Ratio Lower Upper  
75 100  
77 31.4 26.1 39.1  
39 41.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.360 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

Tgt Ion: 97 Resp: 93253

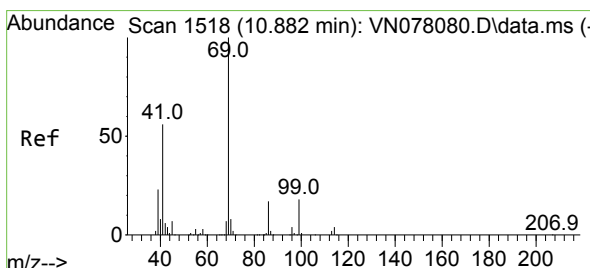
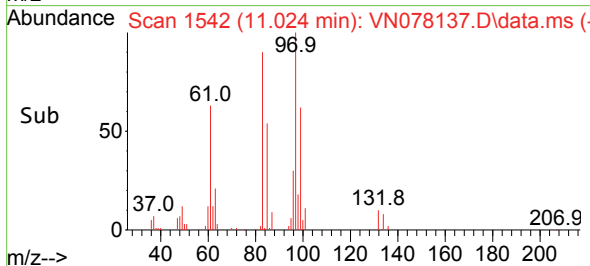
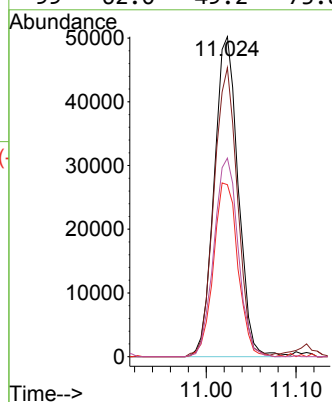
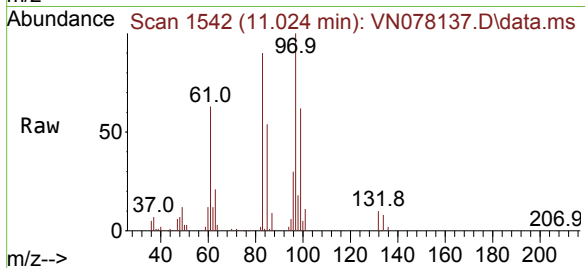
Ion Ratio Lower Upper

97 100

83 90.3 65.1 97.7

85 53.8 43.4 65.2

99 62.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.811 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

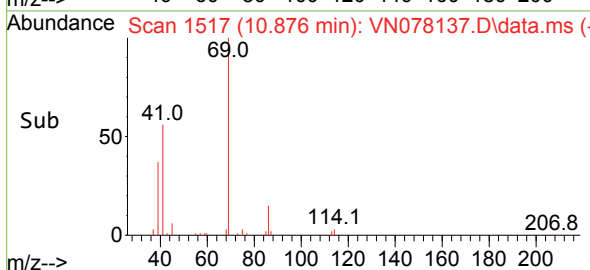
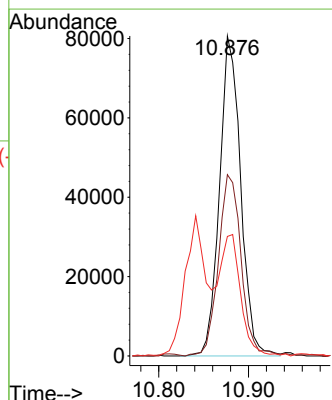
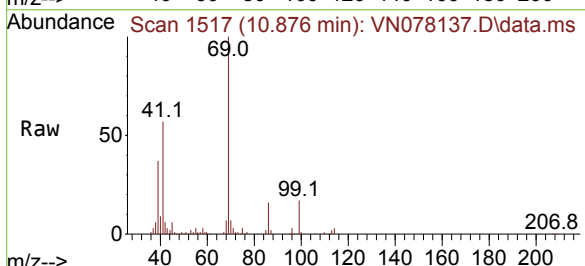
Tgt Ion: 69 Resp: 132122

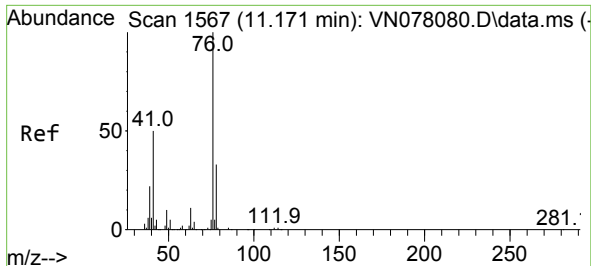
Ion Ratio Lower Upper

69 100

41 61.1 39.6 59.4#

39 38.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.481 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA\_N

ClientSampleId :

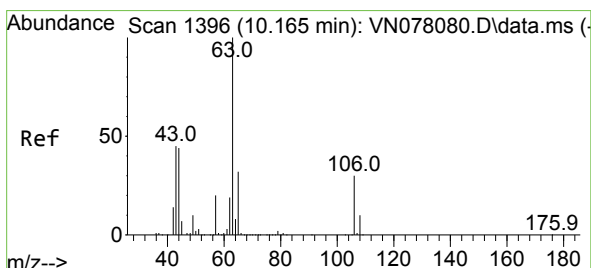
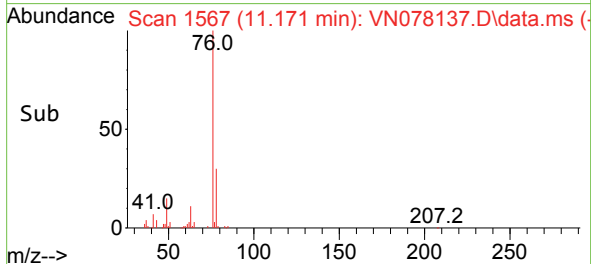
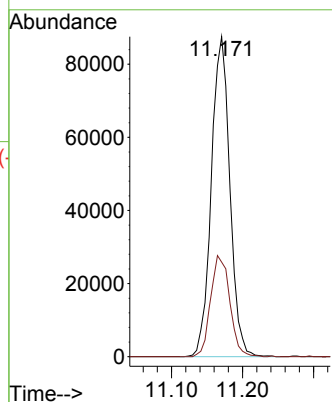
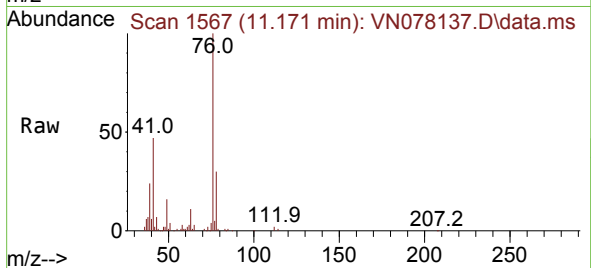
VN0609WBSD01

Tgt Ion: 76 Resp: 158343

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 91.442 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078137.D

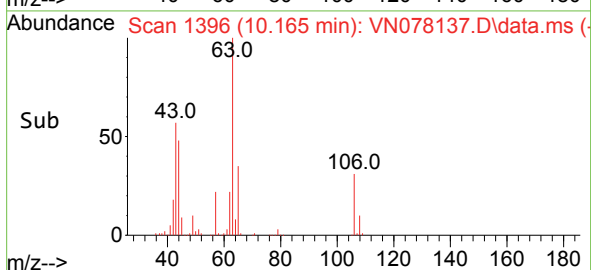
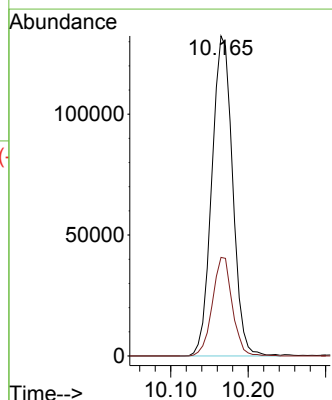
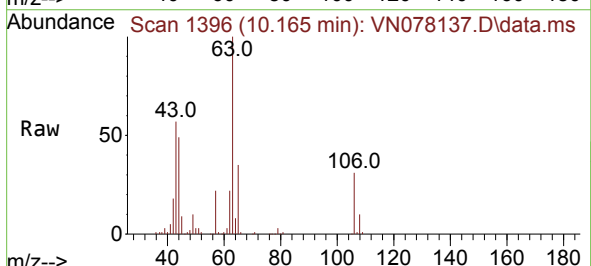
Acq: 09 Jun 2023 11:26

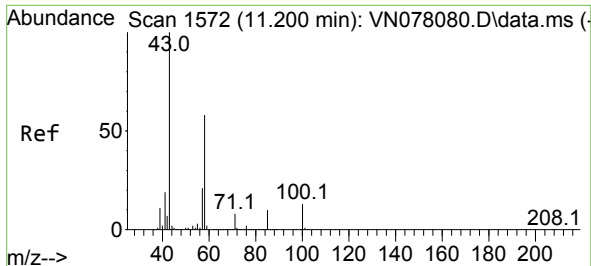
Tgt Ion: 63 Resp: 246350

Ion Ratio Lower Upper

63 100

106 29.6 26.2 39.4

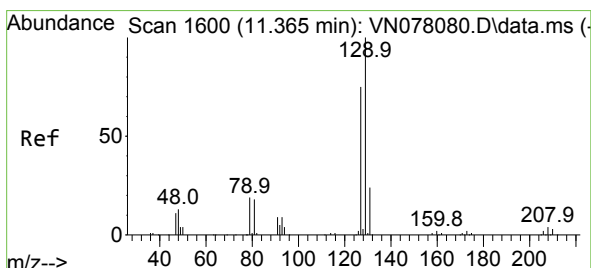
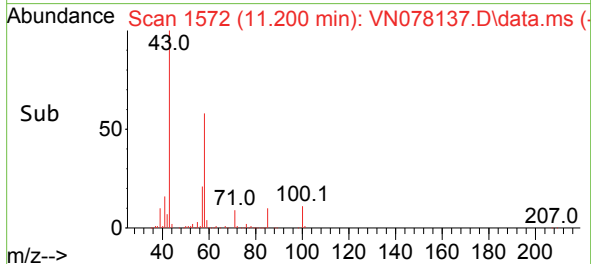
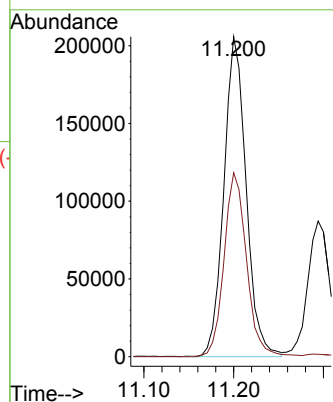
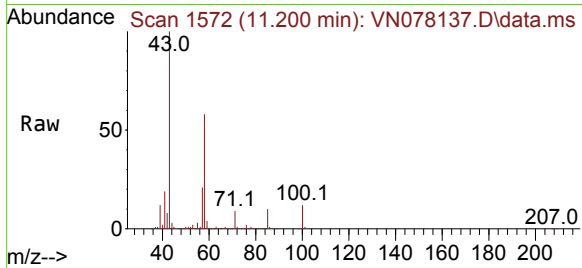




#59  
2-Hexanone  
Concen: 100.635 ug/l  
RT: 11.200 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

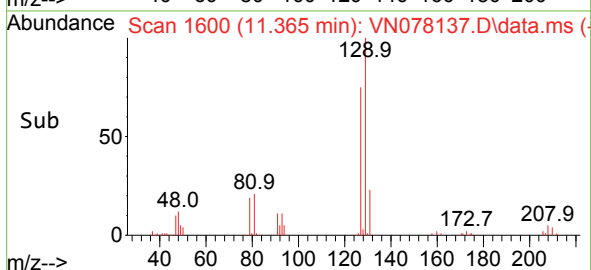
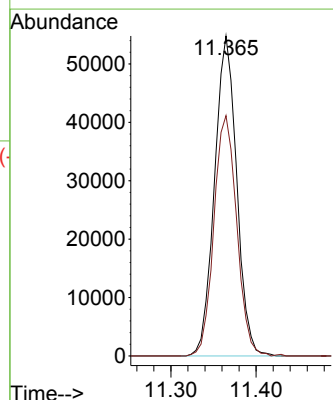
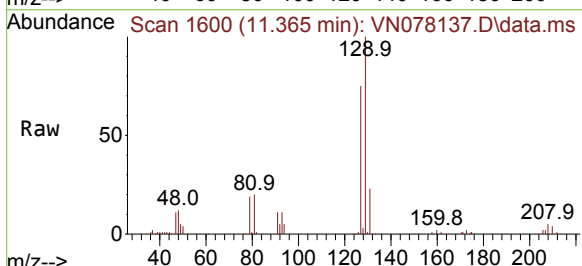
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

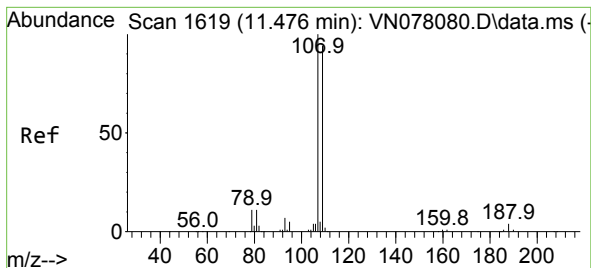
Tgt Ion: 43 Resp: 354099  
Ion Ratio Lower Upper  
43 100  
58 58.1 31.7 95.1



#60  
Dibromochloromethane  
Concen: 19.806 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 129 Resp: 99264  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.454 ug/l

RT: 11.476 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA\_N

ClientSampleId :

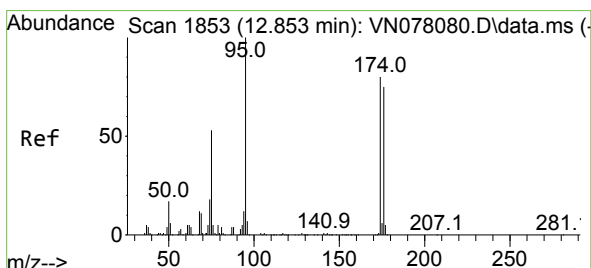
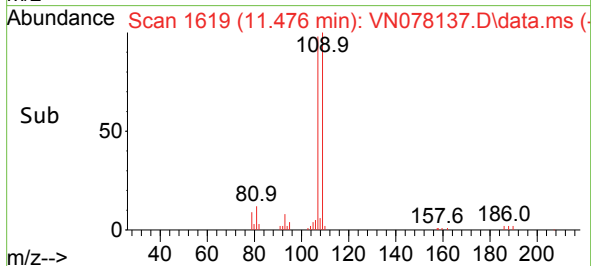
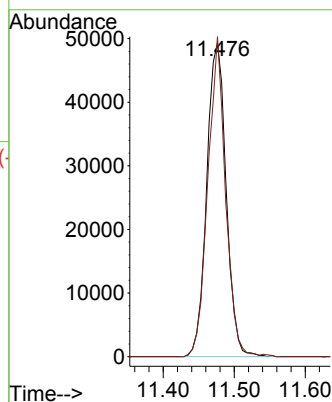
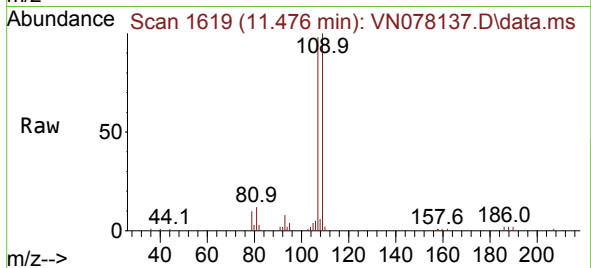
VN0609WBSD01

Tgt Ion:107 Resp: 93507

Ion Ratio Lower Upper

107 100

109 93.5 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 50.706 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

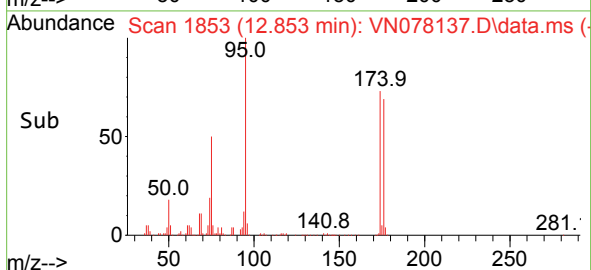
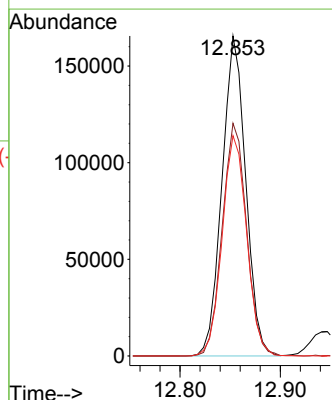
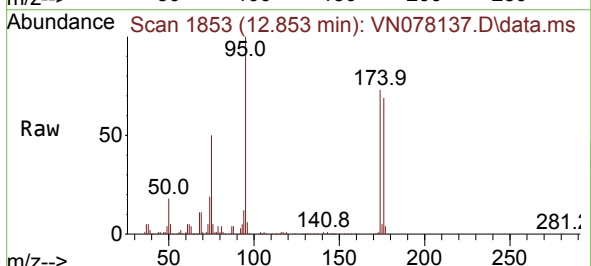
Tgt Ion: 95 Resp: 272129

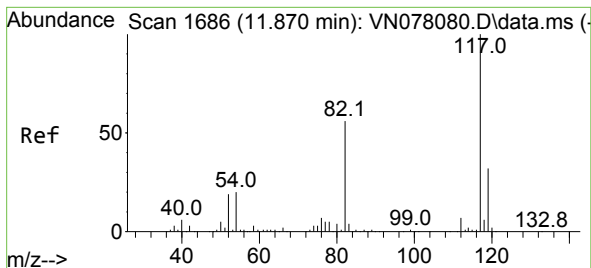
Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.8

176 71.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

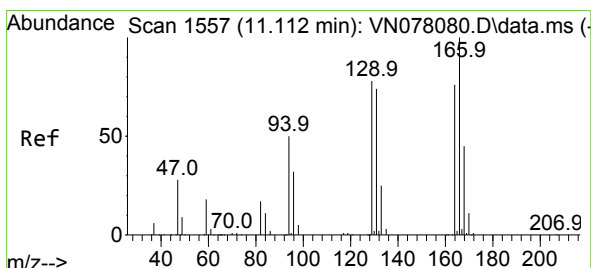
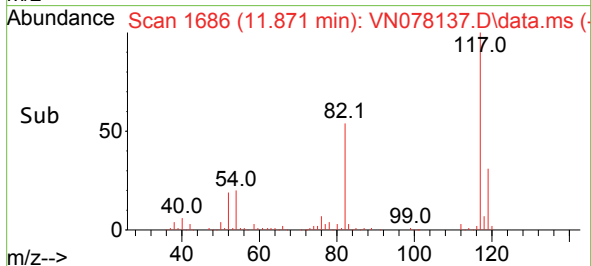
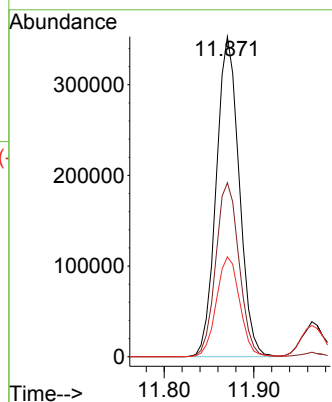
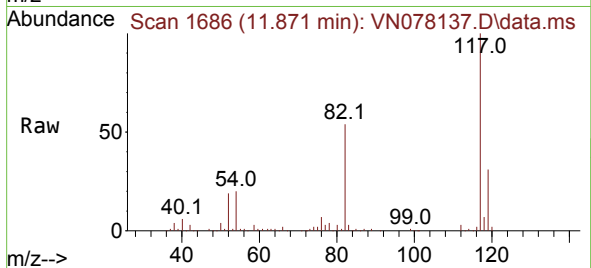
Tgt Ion:117 Resp: 625758

Ion Ratio Lower Upper

117 100

82 54.4 44.0 66.0

119 31.2 25.6 38.4



#64

Tetrachloroethene

Concen: 19.459 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Tgt Ion:164 Resp: 81234

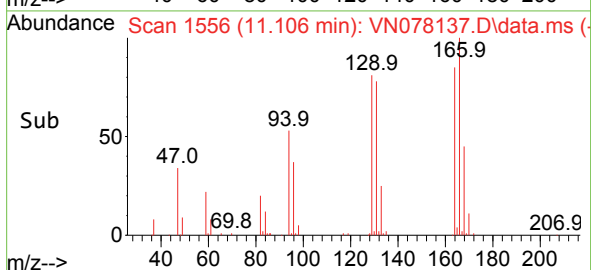
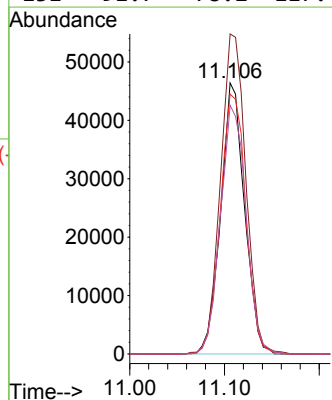
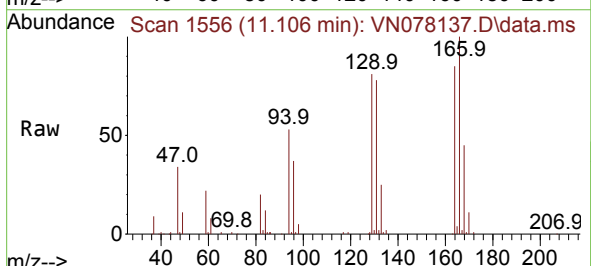
Ion Ratio Lower Upper

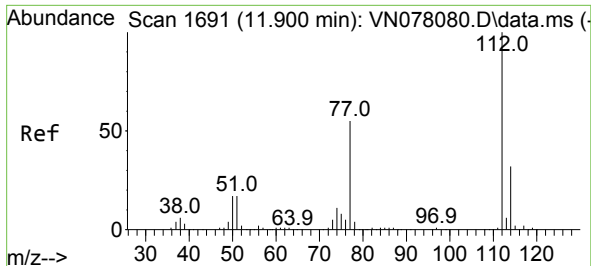
164 100

166 118.0 101.4 152.0

129 95.9 82.4 123.6

131 91.7 78.2 117.4

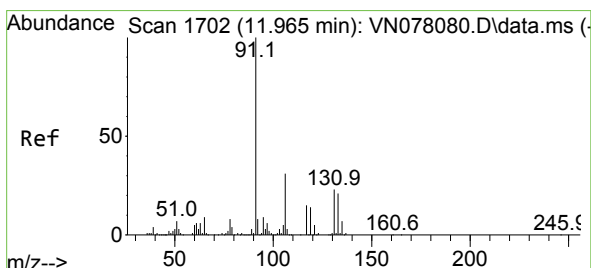
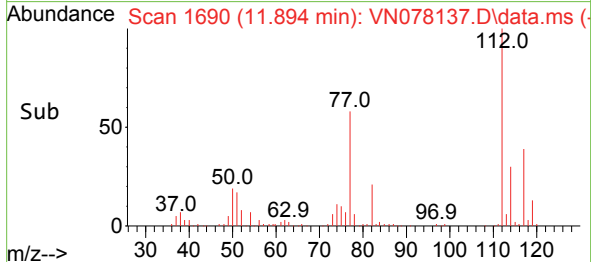
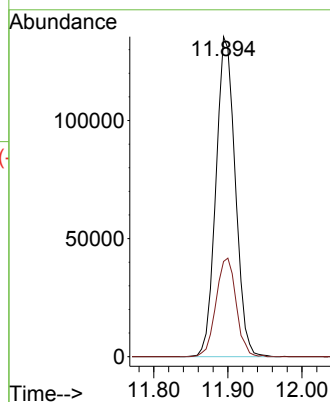
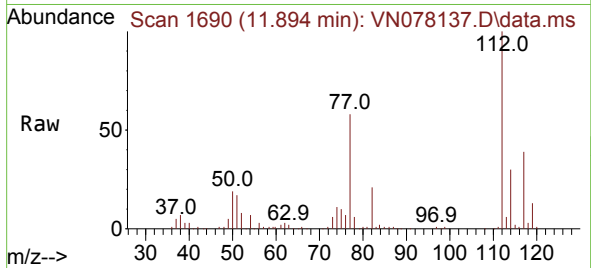




#65  
Chlorobenzene  
Concen: 18.307 ug/l  
RT: 11.894 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

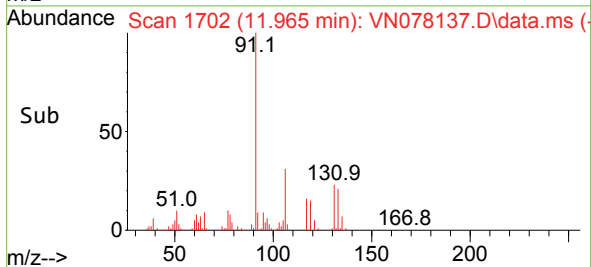
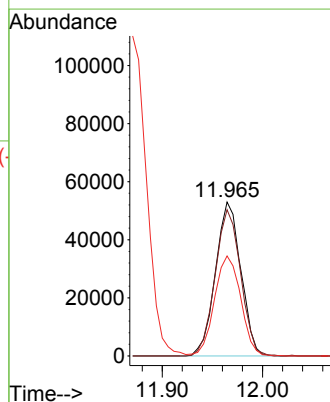
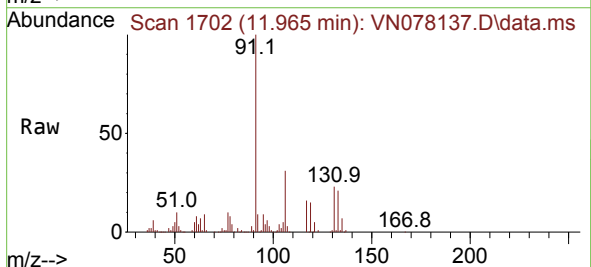
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

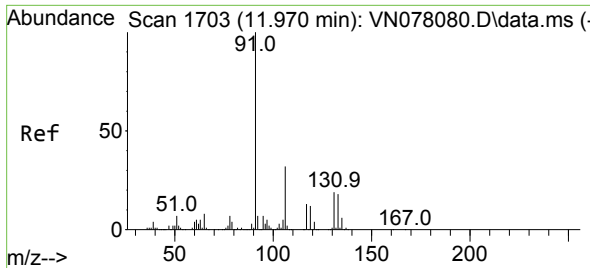
Tgt Ion:112 Resp: 245328  
Ion Ratio Lower Upper  
112 100  
114 29.8 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.882 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion:131 Resp: 93066  
Ion Ratio Lower Upper  
131 100  
133 95.6 46.4 139.1  
119 67.2 34.1 102.2

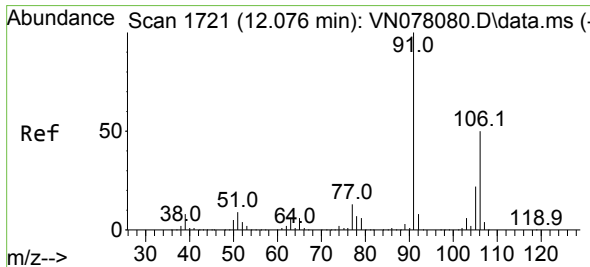
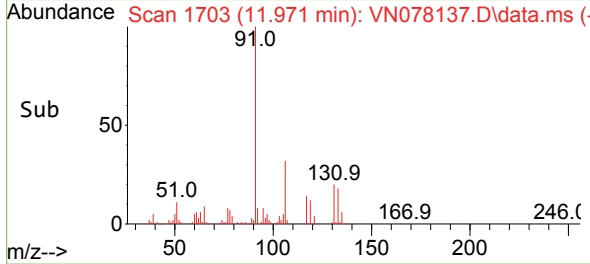
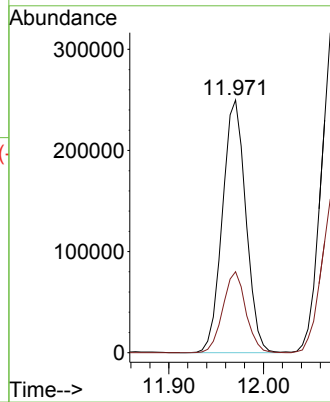
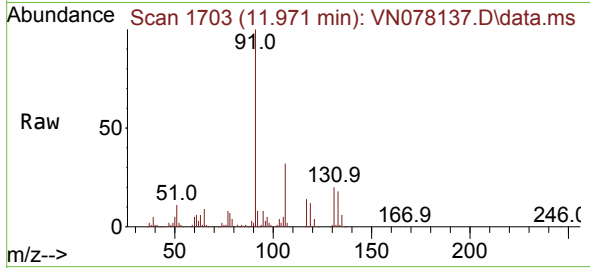




#67  
Ethyl Benzene  
Concen: 18.581 ug/l  
RT: 11.971 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

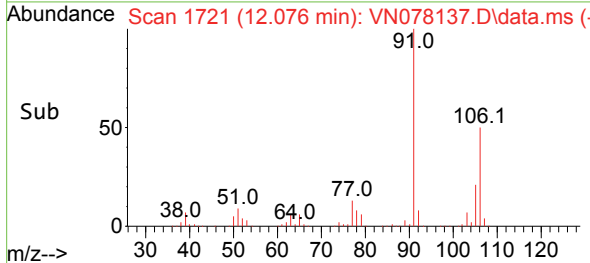
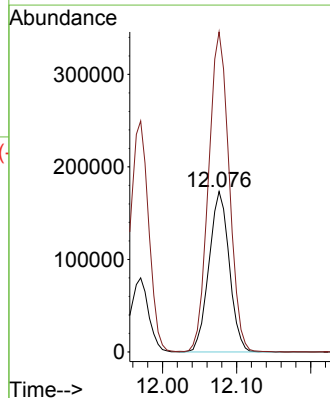
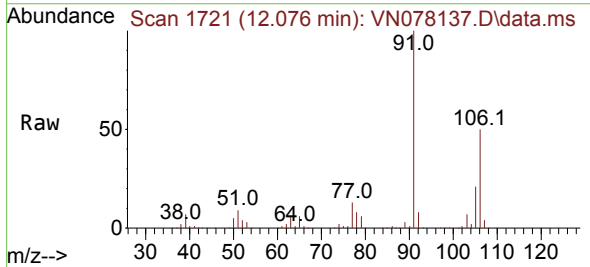
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

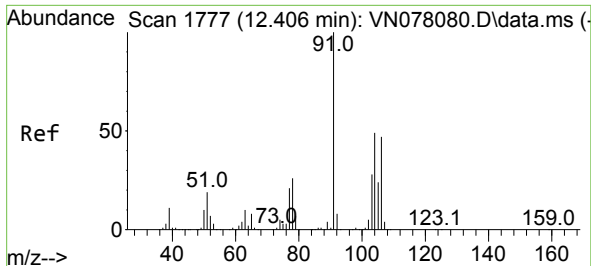
Tgt Ion: 91 Resp: 429659  
Ion Ratio Lower Upper  
91 100  
106 32.1 25.6 38.4



#68  
m/p-Xylenes  
Concen: 37.415 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion:106 Resp: 329714  
Ion Ratio Lower Upper  
106 100  
91 202.6 159.6 239.4

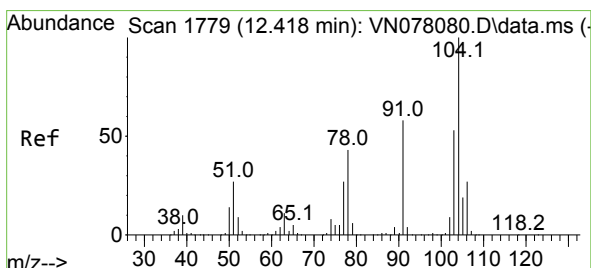
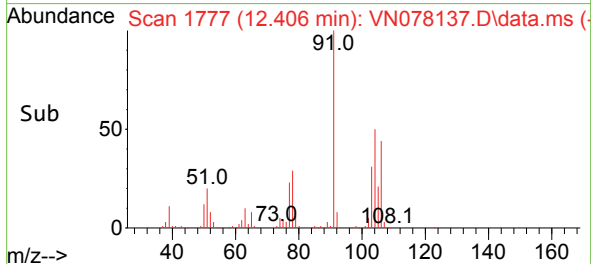
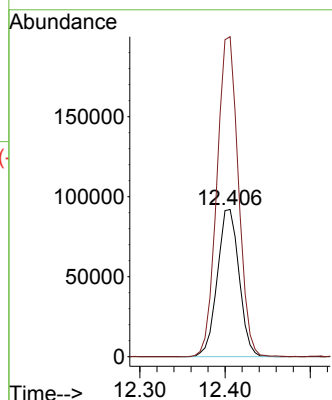
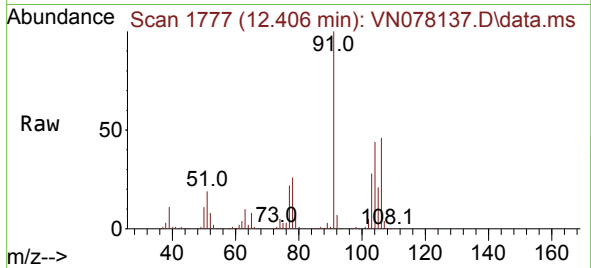




#69  
o-Xylene  
Concen: 18.825 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

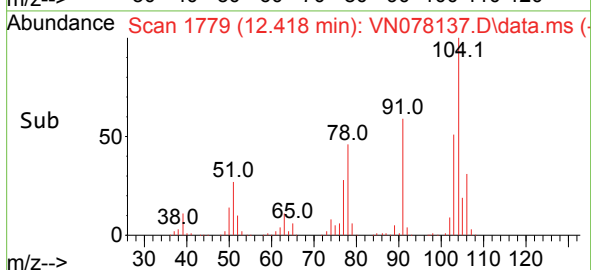
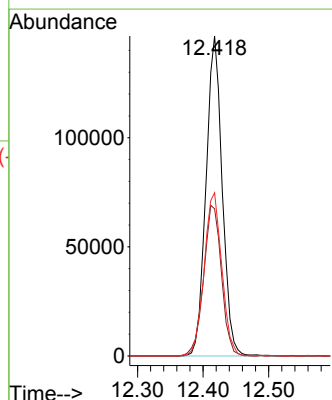
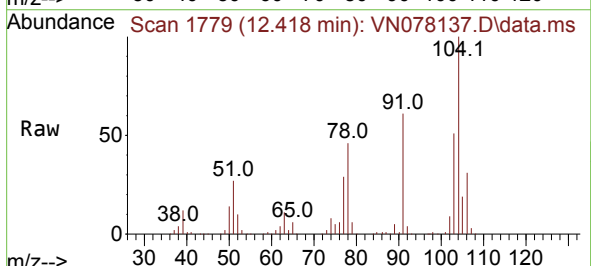
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

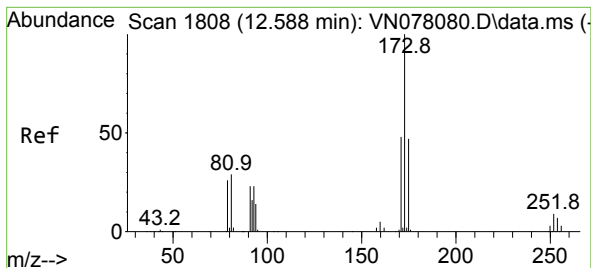
Tgt Ion:106 Resp: 162907  
Ion Ratio Lower Upper  
106 100  
91 214.7 105.2 315.5



#70  
Styrene  
Concen: 18.537 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion:104 Resp: 252542  
Ion Ratio Lower Upper  
104 100  
78 51.5 39.5 59.3  
103 55.7 43.2 64.8





#71

Bromoform

Concen: 18.620 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

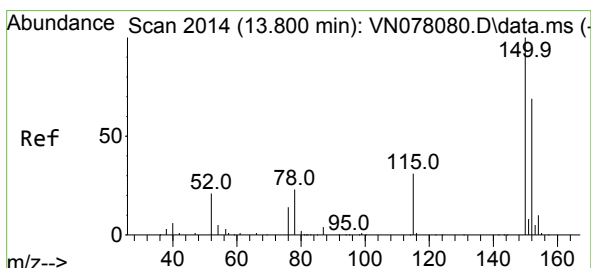
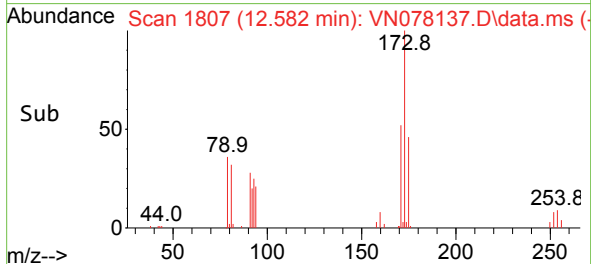
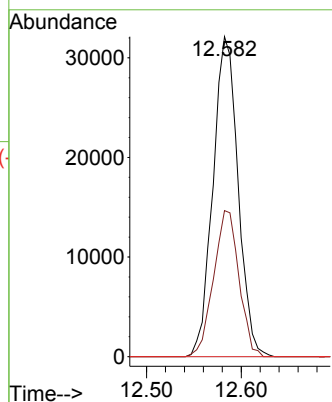
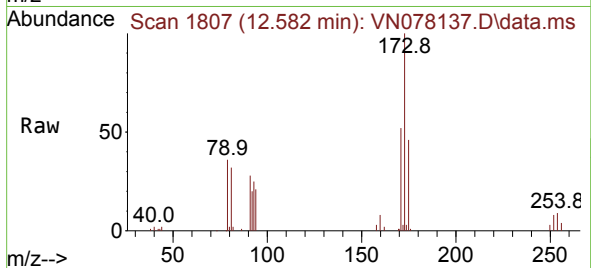
Tgt Ion:173 Resp: 59227

Ion Ratio Lower Upper

173 100

175 46.2 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

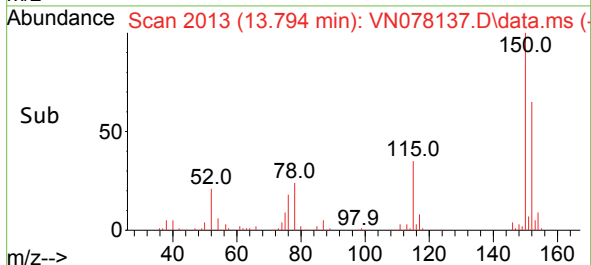
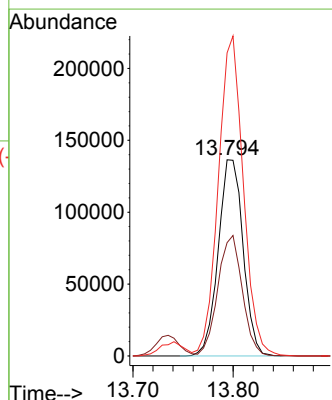
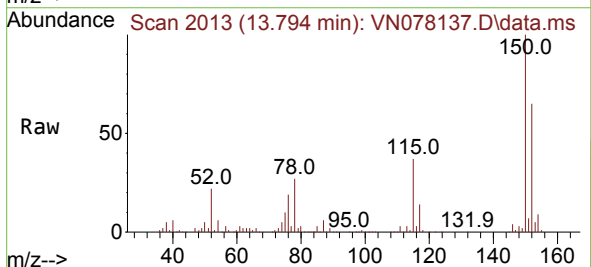
Tgt Ion:152 Resp: 234896

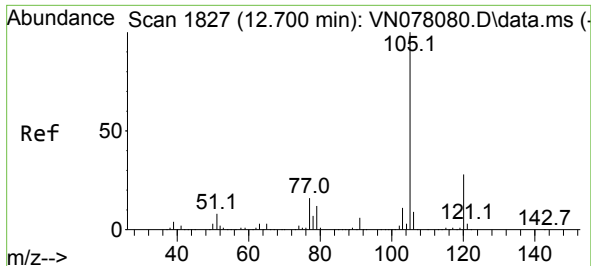
Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

150 164.0 0.0 355.8

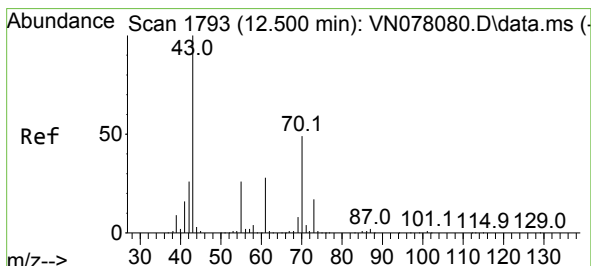
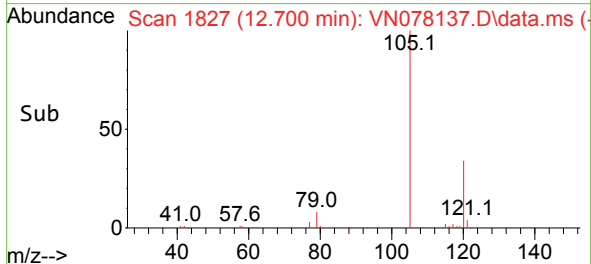
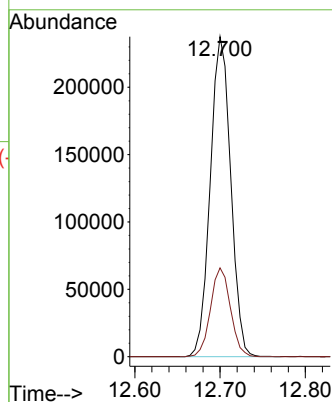
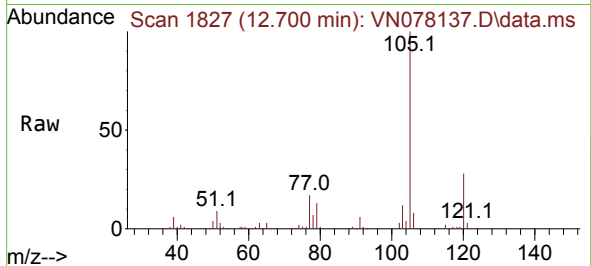




#73  
Isopropylbenzene  
Concen: 17.826 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

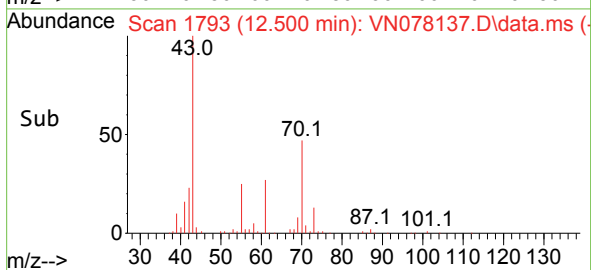
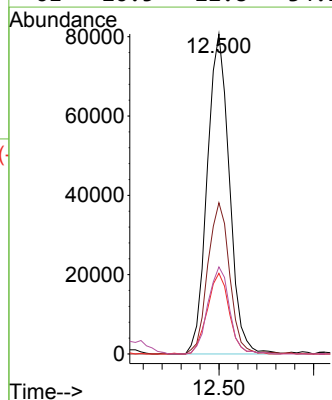
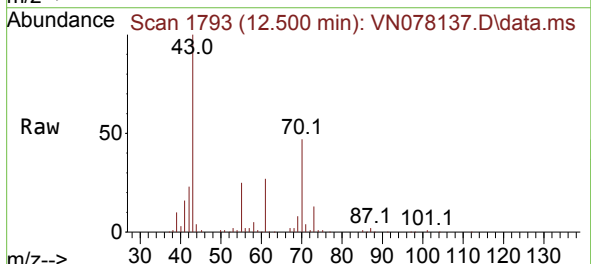
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

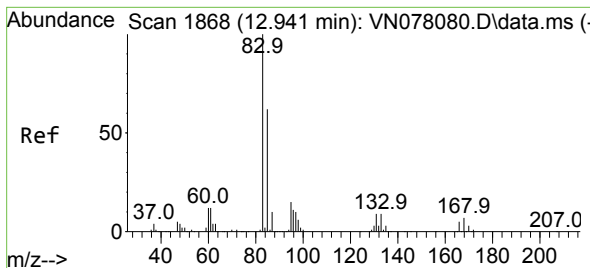
Tgt Ion:105 Resp: 395969  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.1 39.1



#74  
N-ethyl acetate  
Concen: 17.924 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 43 Resp: 131109  
Ion Ratio Lower Upper  
43 100  
70 46.9 43.4 65.2  
55 24.9 21.4 32.0  
61 26.5 22.8 34.2

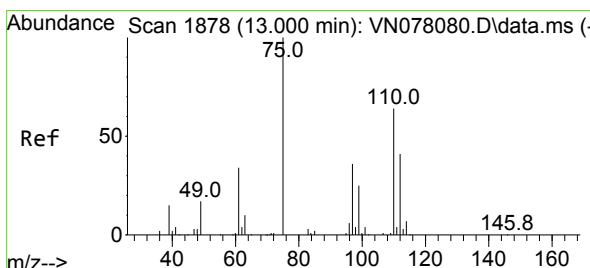
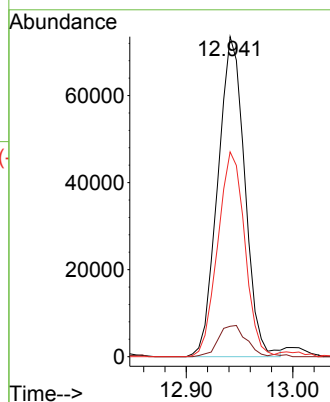
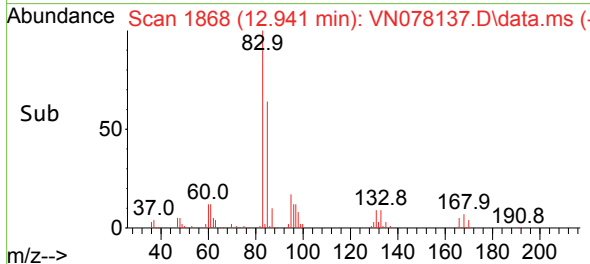
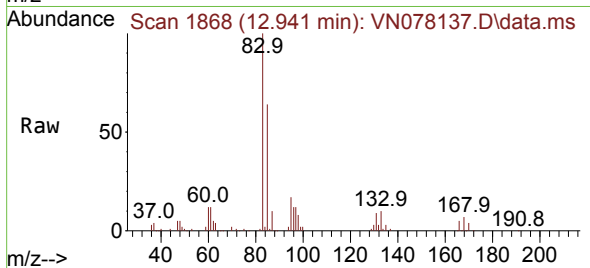




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.677 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

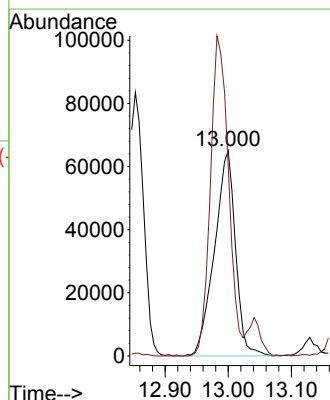
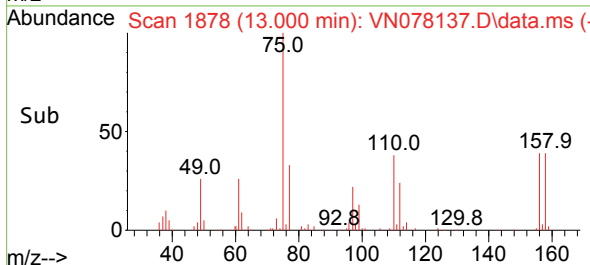
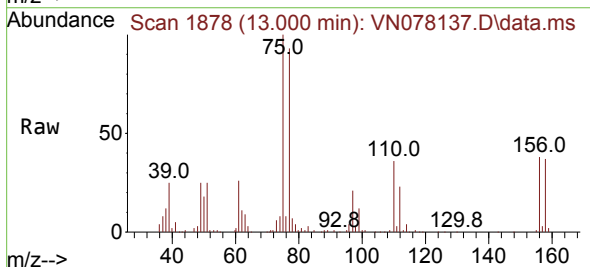
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

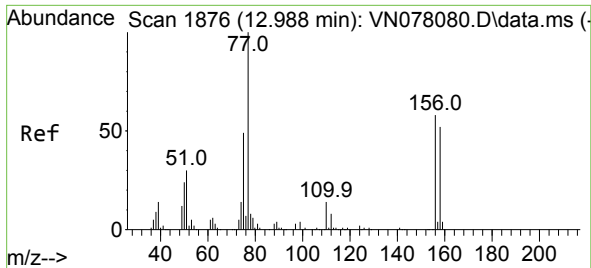
Tgt Ion: 83 Resp: 129283  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.0 15.0  
85 64.2 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 27.074 ug/l  
RT: 13.000 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 75 Resp: 150344  
Ion Ratio Lower Upper  
75 100  
77 134.3 84.5 253.5

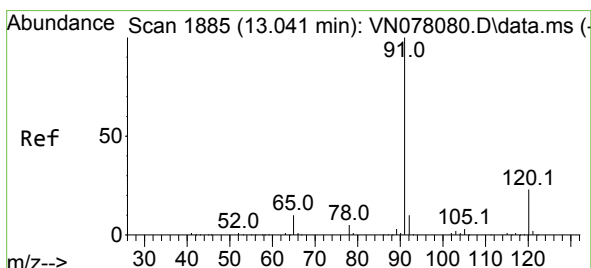
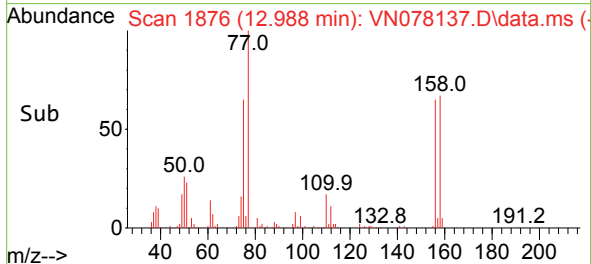
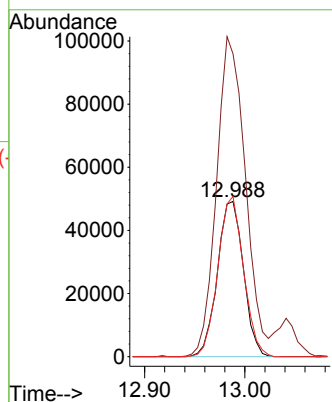
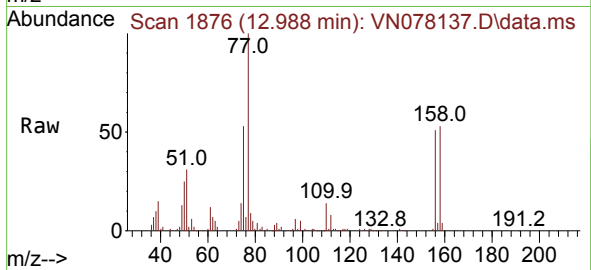




#77  
Bromobenzene  
Concen: 17.156 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

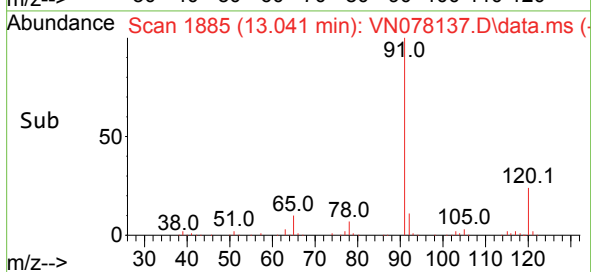
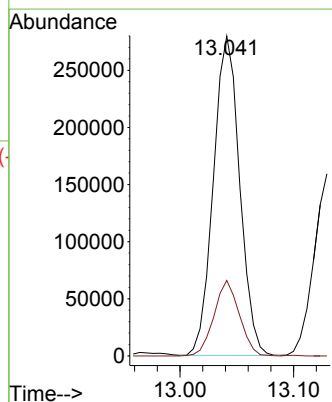
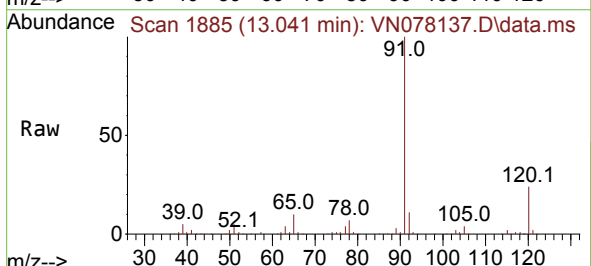
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

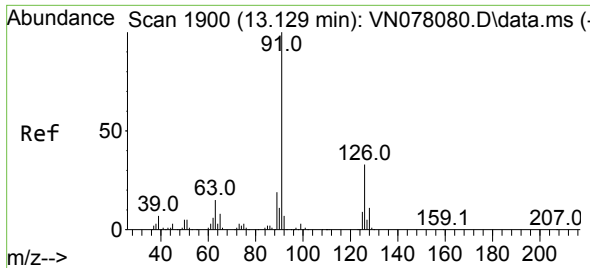
Tgt Ion:156 Resp: 88465  
Ion Ratio Lower Upper  
156 100  
77 228.3 107.7 323.3  
158 101.8 48.4 145.3



#78  
n-propylbenzene  
Concen: 18.616 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 91 Resp: 449261  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.5 34.4

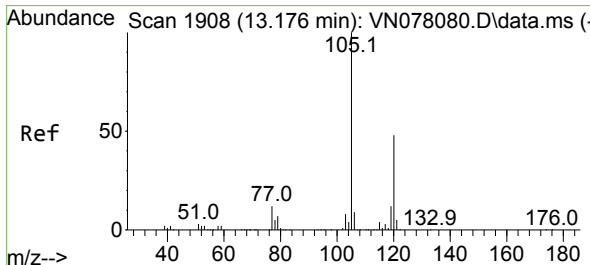
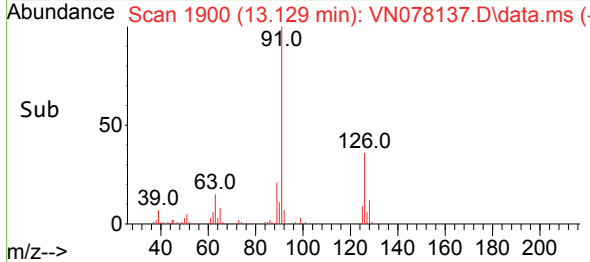
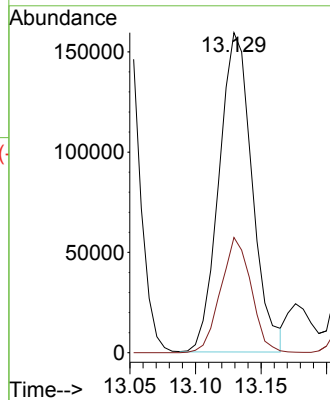
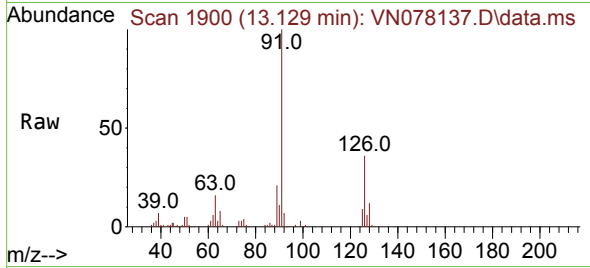




#79  
2-Chlorotoluene  
Concen: 17.955 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

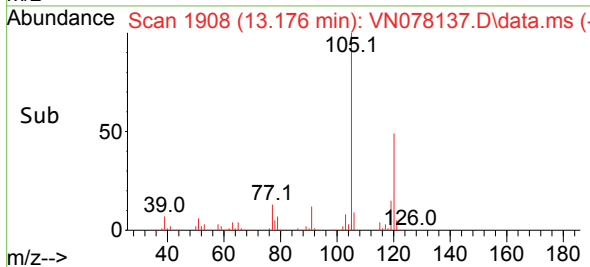
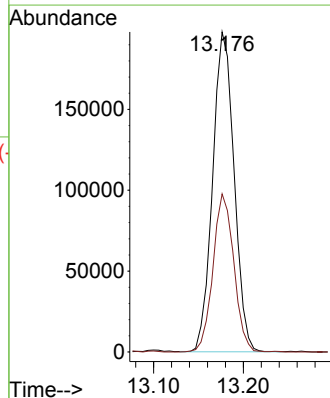
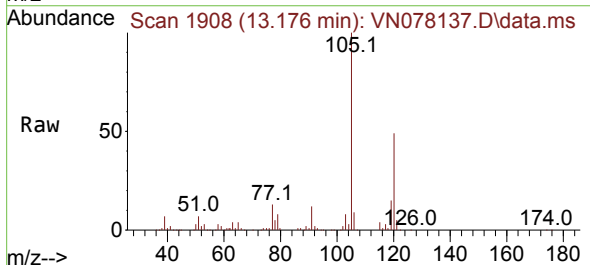
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

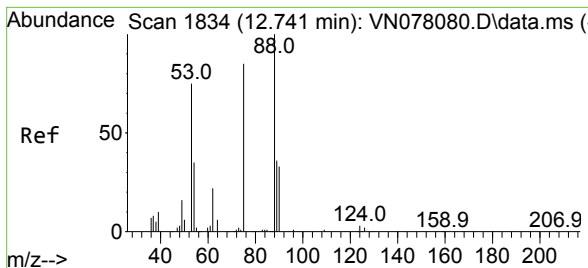
Tgt Ion: 91 Resp: 279699  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 18.254 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 105 Resp: 328273  
Ion Ratio Lower Upper  
105 100  
120 48.0 24.1 72.3

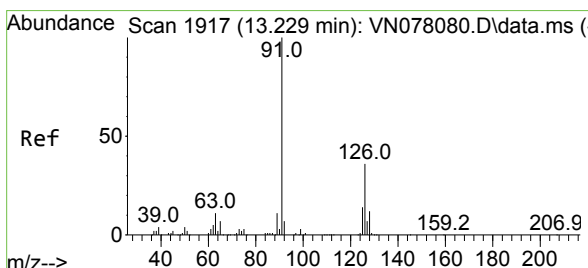
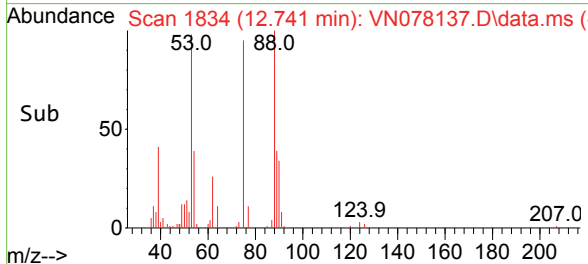
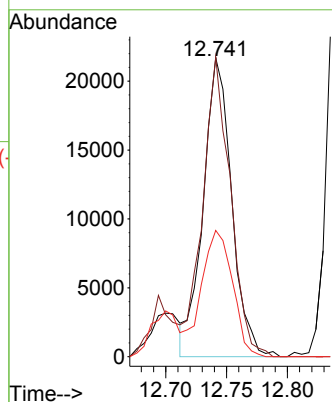
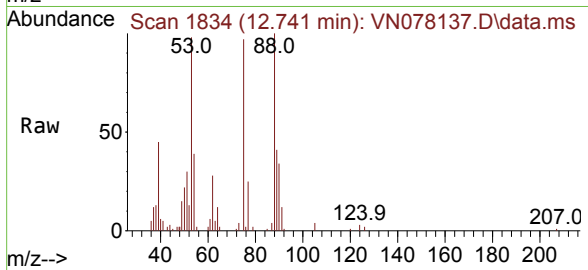




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.548 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

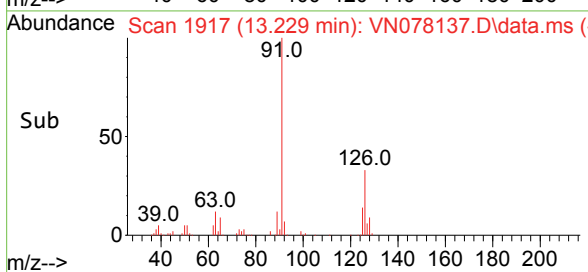
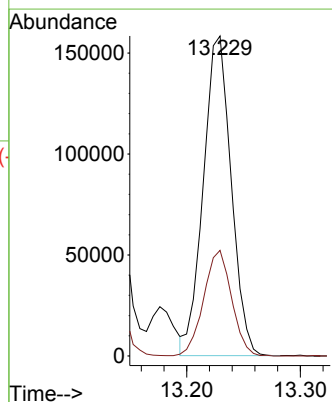
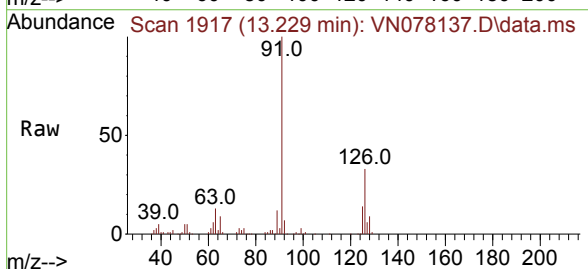
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

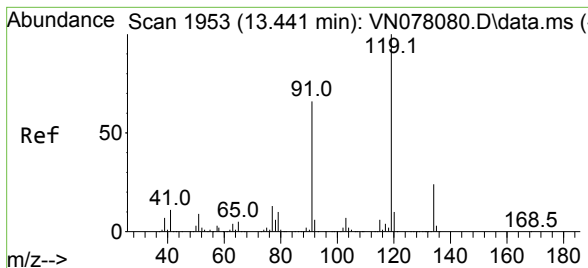
Tgt Ion: 75 Resp: 35331  
Ion Ratio Lower Upper  
75 100  
53 97.5 67.4 101.2  
89 46.5 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 18.524 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 91 Resp: 269323  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.7 50.0

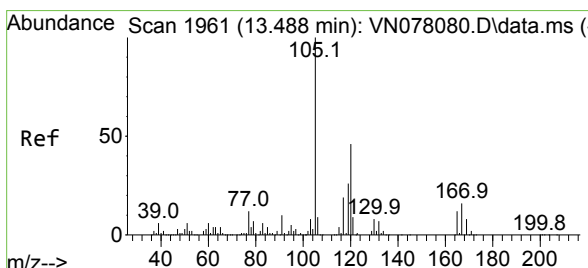
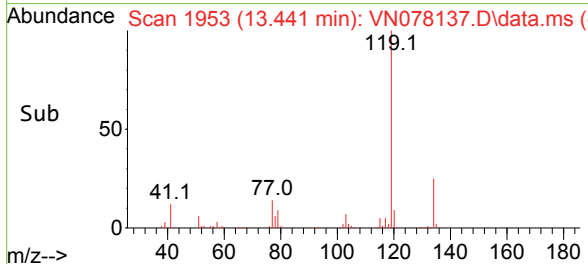
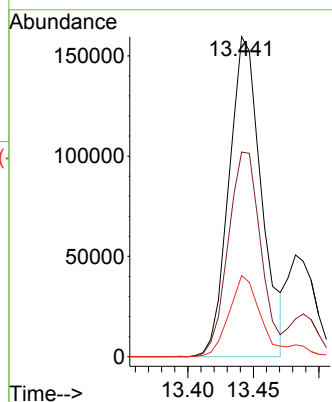
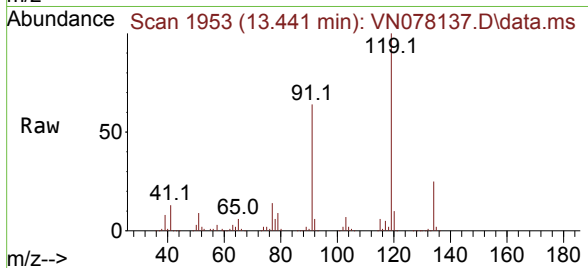




#83  
tert-Butylbenzene  
Concen: 17.594 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

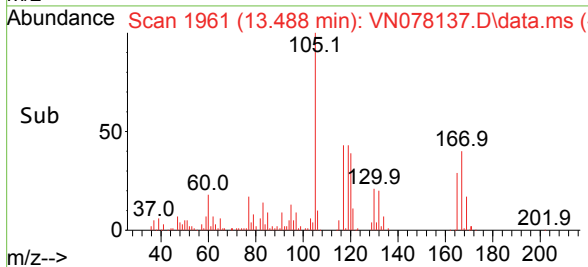
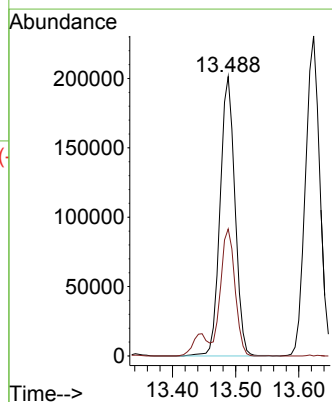
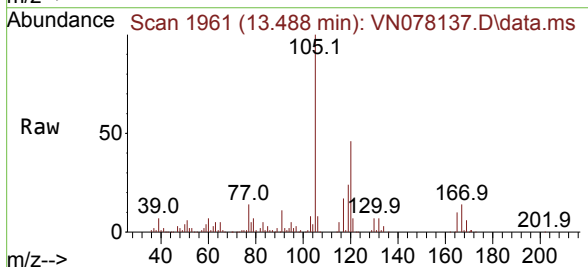
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

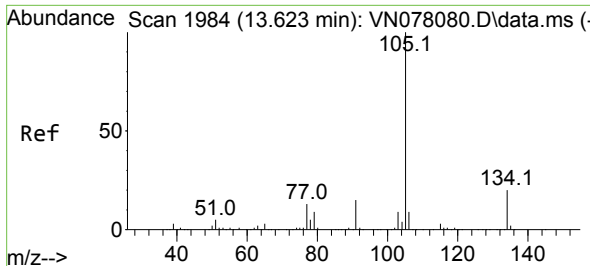
Tgt Ion:119 Resp: 275032  
Ion Ratio Lower Upper  
119 100  
91 64.5 33.9 101.7  
134 26.7 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 18.850 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion:105 Resp: 328654  
Ion Ratio Lower Upper  
105 100  
120 44.3 22.0 66.0

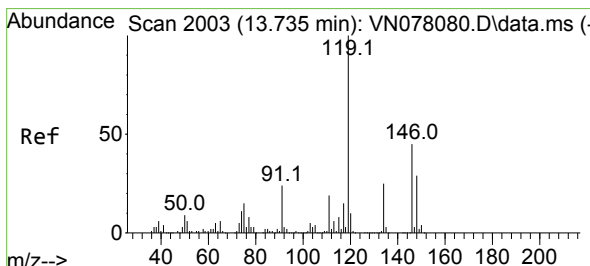
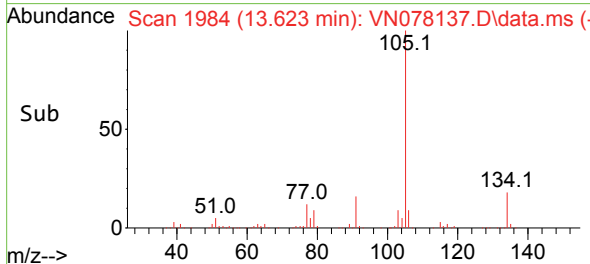
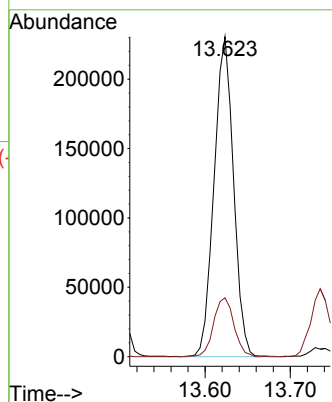
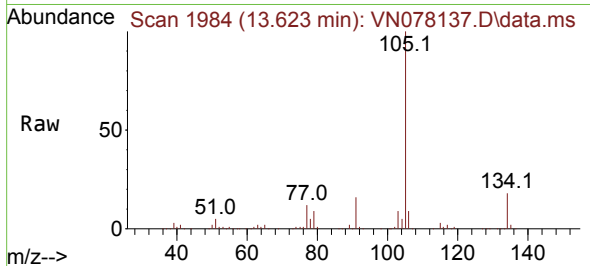




#85  
 sec-Butylbenzene  
 Concen: 17.855 ug/l  
 RT: 13.623 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN078137.D  
 Acq: 09 Jun 2023 11:26

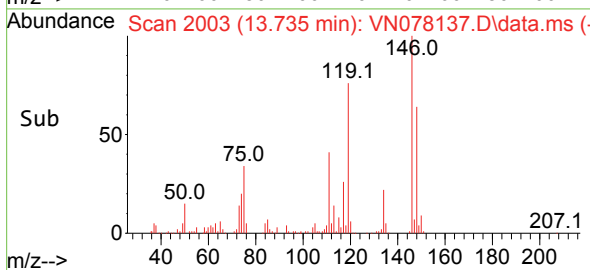
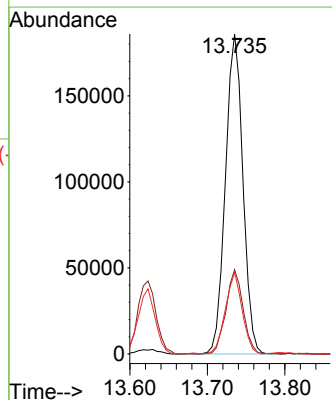
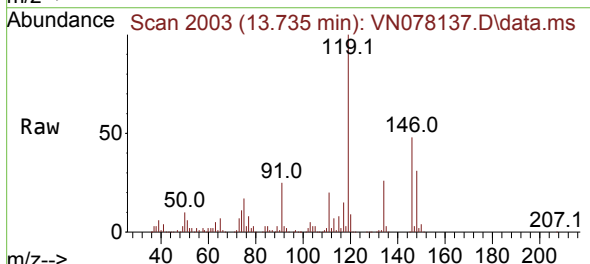
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

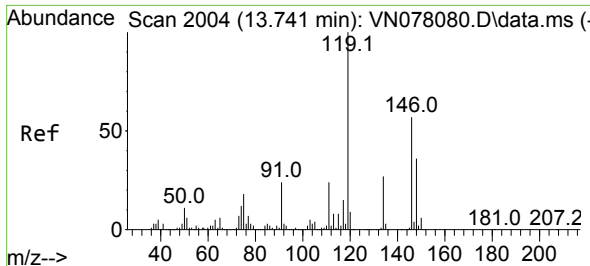
Tgt Ion:105 Resp: 365321  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 17.582 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN078137.D  
 Acq: 09 Jun 2023 11:26

Tgt Ion:119 Resp: 291923  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.6 37.8  
 91 24.5 12.4 37.2

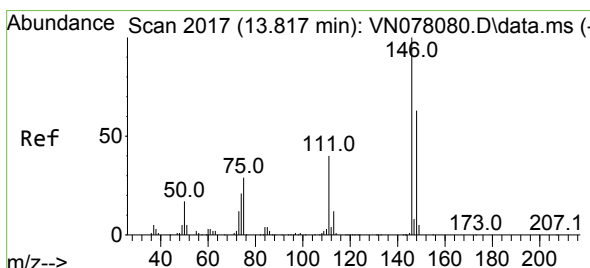
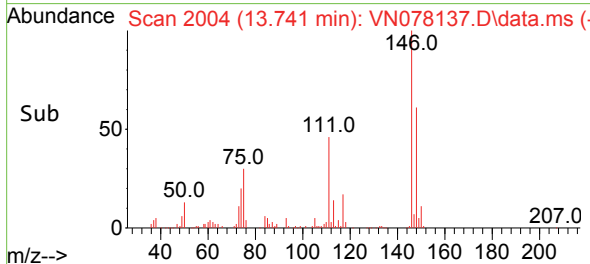
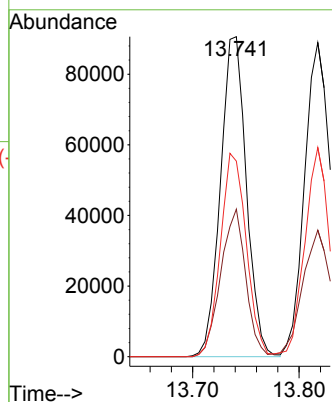
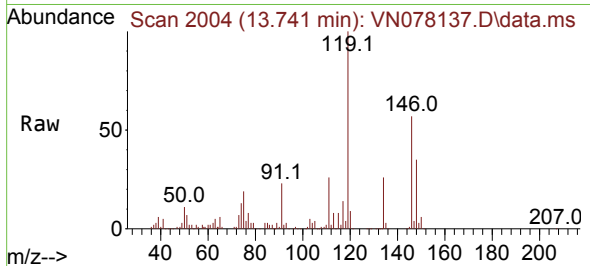




#87  
 1,3-Dichlorobenzene  
 Concen: 17.561 ug/l  
 RT: 13.741 min Scan# 2004  
 Delta R.T. 0.000 min  
 Lab File: VN078137.D  
 Acq: 09 Jun 2023 11:26

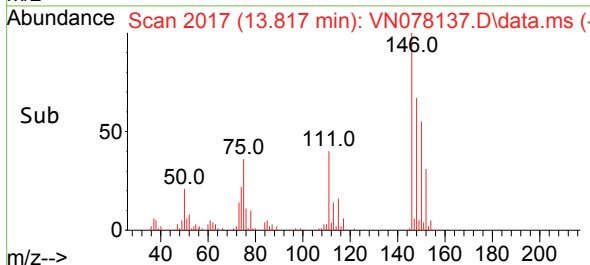
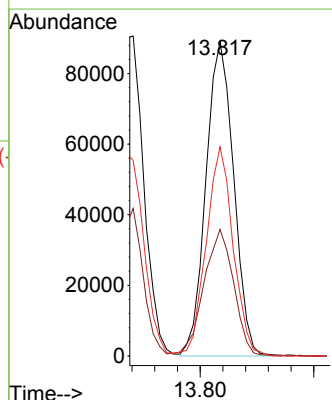
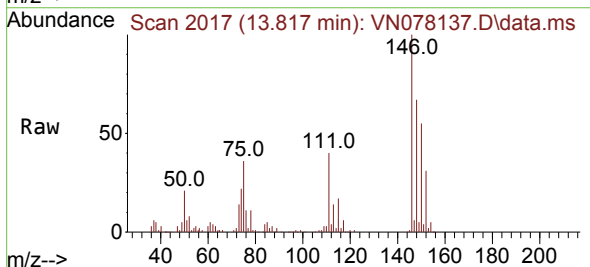
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

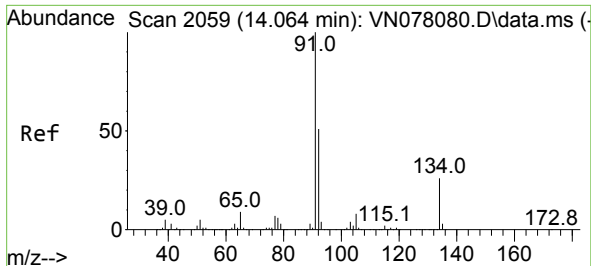
Tgt Ion:146 Resp: 153169  
 Ion Ratio Lower Upper  
 146 100  
 111 44.5 22.1 66.3  
 148 63.6 32.0 96.0



#88  
 1,4-Dichlorobenzene  
 Concen: 17.967 ug/l  
 RT: 13.817 min Scan# 2017  
 Delta R.T. 0.000 min  
 Lab File: VN078137.D  
 Acq: 09 Jun 2023 11:26

Tgt Ion:146 Resp: 151212  
 Ion Ratio Lower Upper  
 146 100  
 111 43.2 20.6 61.8  
 148 64.6 31.6 94.8

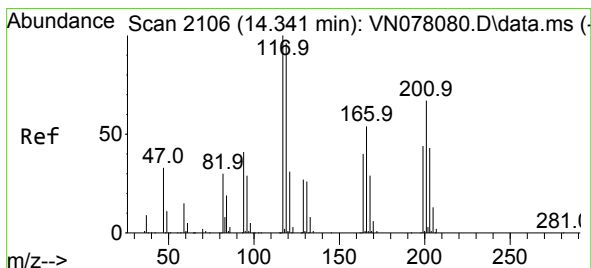
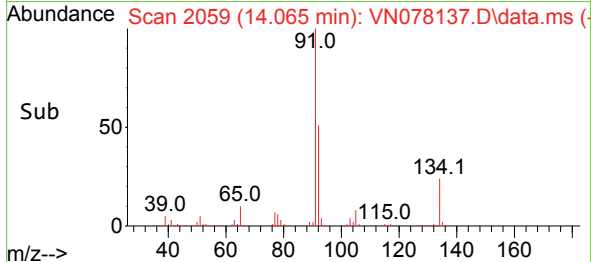
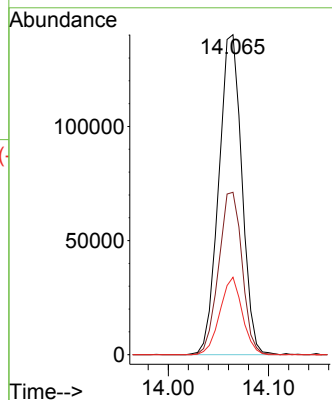
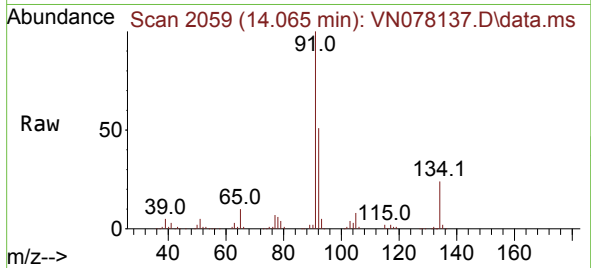




#89  
n-Butylbenzene  
Concen: 17.060 ug/l  
RT: 14.065 min Scan# 2059  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

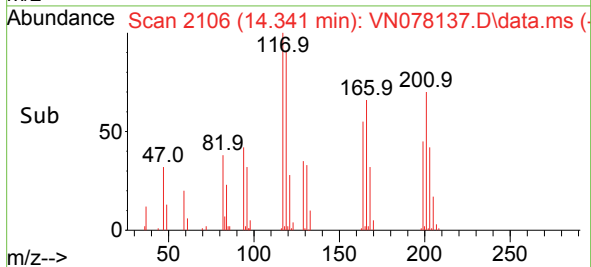
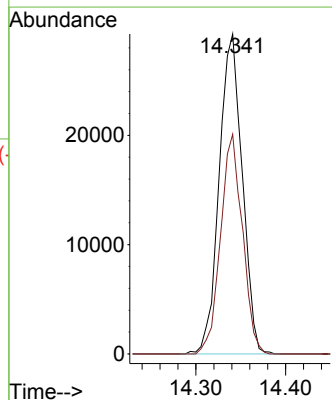
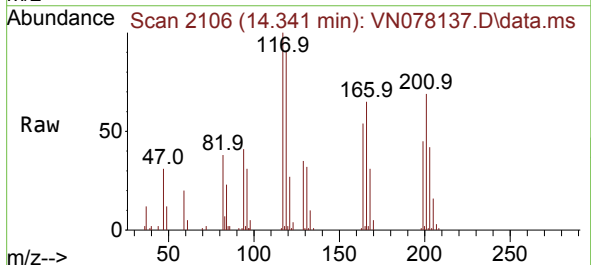
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

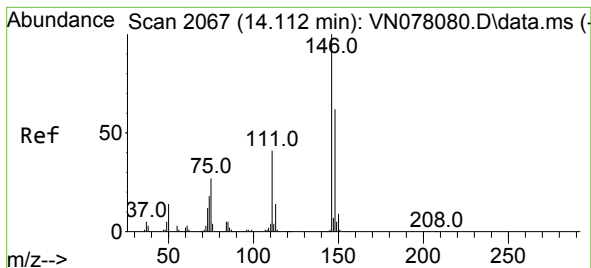
Tgt Ion: 91 Resp: 223421  
Ion Ratio Lower Upper  
91 100  
92 51.6 26.4 79.0  
134 23.5 12.6 37.6



#90  
Hexachloroethane  
Concen: 17.713 ug/l  
RT: 14.341 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion: 117 Resp: 52194  
Ion Ratio Lower Upper  
117 100  
201 65.2 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.764 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

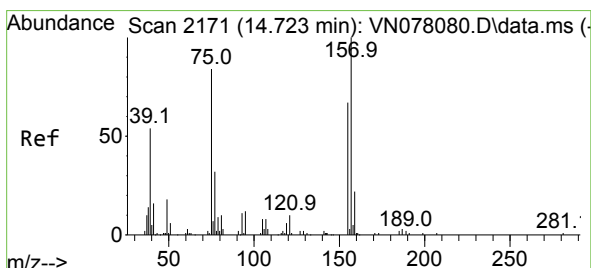
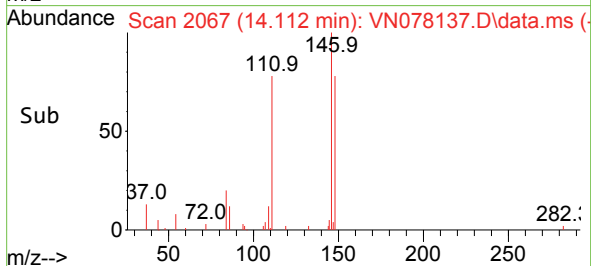
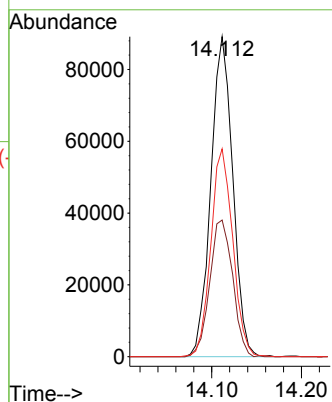
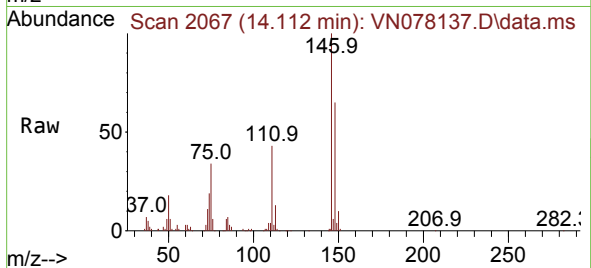
Tgt Ion:146 Resp: 151426

Ion Ratio Lower Upper

146 100

111 44.5 22.0 66.0

148 64.9 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.412 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

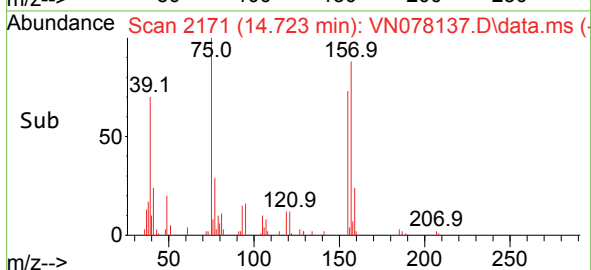
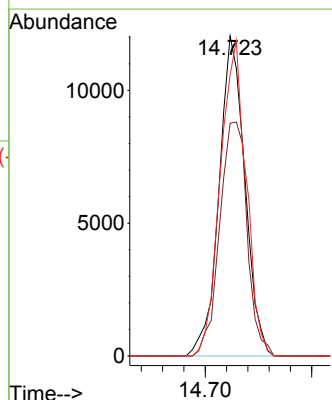
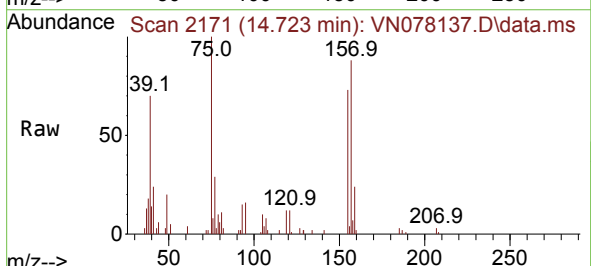
Tgt Ion: 75 Resp: 20257

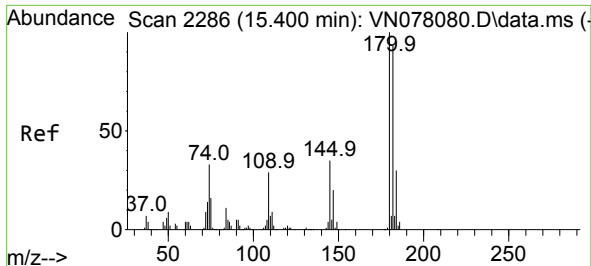
Ion Ratio Lower Upper

75 100

155 77.9 39.1 117.2

157 98.7 50.3 150.9

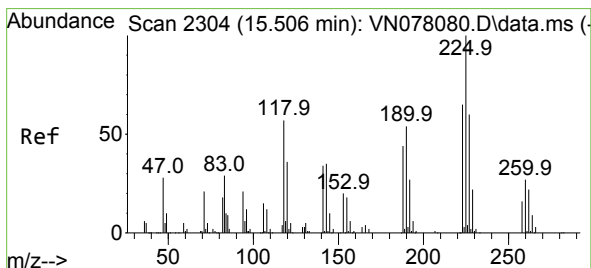
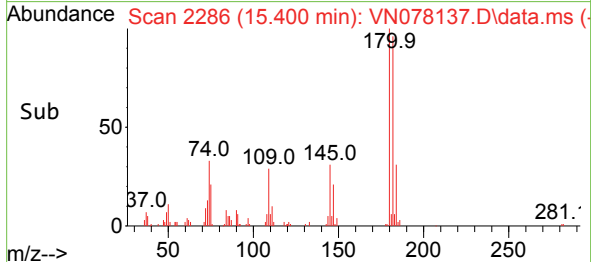
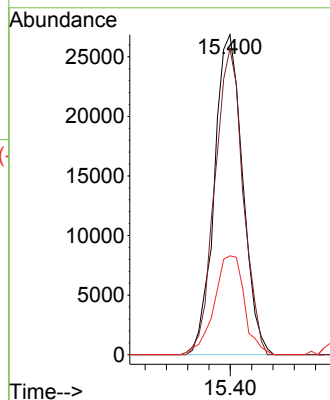
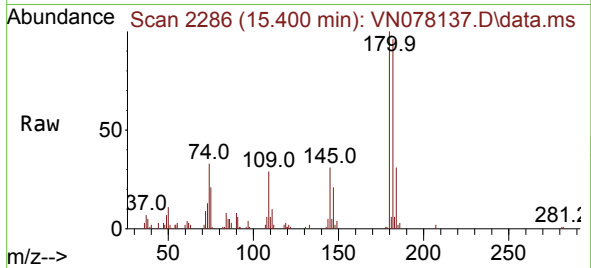




#93  
1,2,4-Trichlorobenzene  
Concen: 16.310 ug/l  
RT: 15.400 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

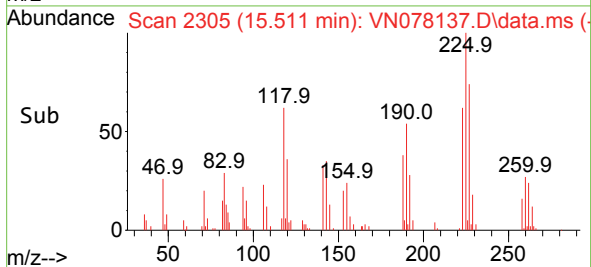
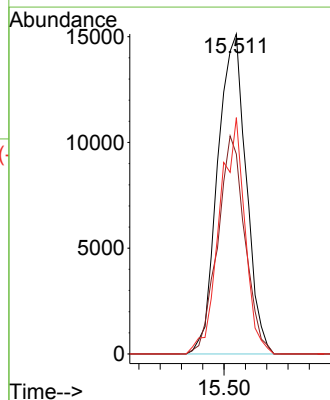
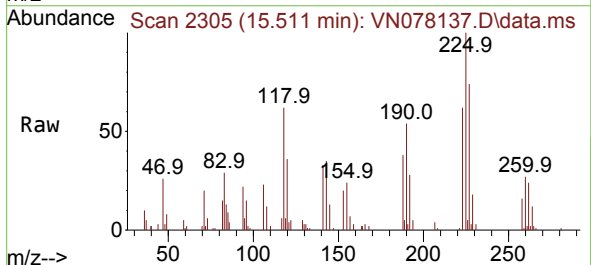
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

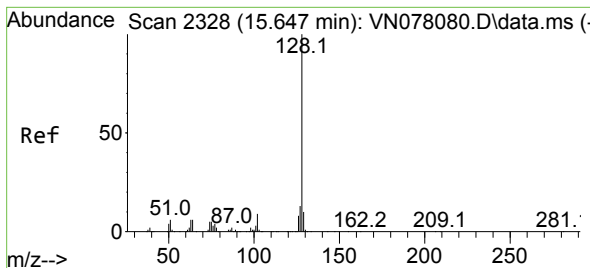
Tgt Ion:180 Resp: 49536  
Ion Ratio Lower Upper  
180 100  
182 95.5 46.1 138.2  
145 32.8 16.6 49.8



#94  
Hexachlorobutadiene  
Concen: 17.081 ug/l  
RT: 15.511 min Scan# 2305  
Delta R.T. 0.005 min  
Lab File: VN078137.D  
Acq: 09 Jun 2023 11:26

Tgt Ion:225 Resp: 28054  
Ion Ratio Lower Upper  
225 100  
223 65.4 31.3 93.8  
227 65.7 31.9 95.9





#95

Naphthalene

Concen: 14.763 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

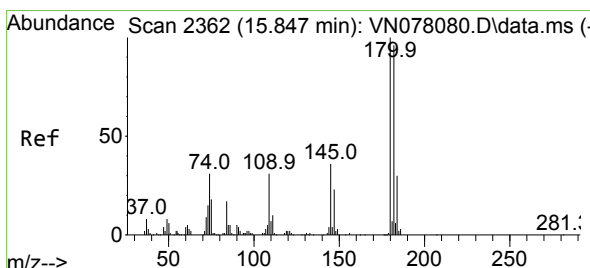
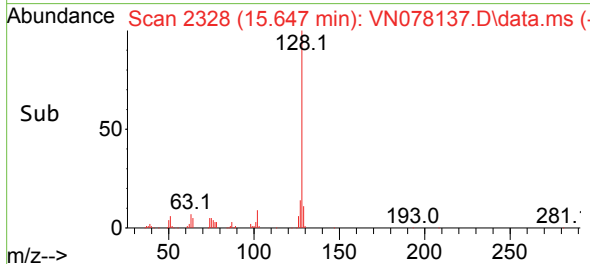
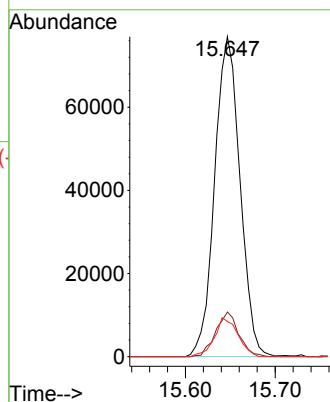
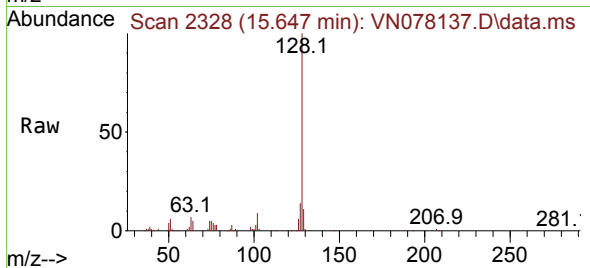
Tgt Ion:128 Resp: 150824

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.810 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Tgt Ion:180 Resp: 53704

Ion Ratio Lower Upper

180 100

182 98.2 46.2 138.6

145 35.6 17.5 52.6

