

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121423\  
 Data File : VN080485.D  
 Acq On : 14 Dec 2023 16:15  
 Operator : JC\MD  
 Sample : VN1214WBSD02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 15 00:29:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121223W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 13 01:57:14 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 285657   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 442585   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 396958   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 183731   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 184095   | 50.458   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.920% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 140197   | 49.960   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 99.920%  |      |
| 50) Toluene-d8              | 10.565 | 98    | 504877   | 48.242   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 96.480%  |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 184893   | 46.525   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 93.060%  |      |

|                              |       |     |        |         |        |    |
|------------------------------|-------|-----|--------|---------|--------|----|
| Target Compounds             |       |     |        |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 65102  | 17.834  | ug/l   | 98 |
| 3) Chloromethane             | 2.359 | 50  | 60656  | 15.599  | ug/l   | 98 |
| 4) Vinyl Chloride            | 2.518 | 62  | 49633  | 15.921  | ug/l   | 95 |
| 5) Bromomethane              | 2.965 | 94  | 23616  | 16.802  | ug/l   | 90 |
| 6) Chloroethane              | 3.118 | 64  | 32302  | 16.125  | ug/l   | 99 |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 115438 | 18.256  | ug/l   | 98 |
| 8) Diethyl Ether             | 3.953 | 74  | 34347  | 17.245  | ug/l   | 93 |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 55466  | 18.507  | ug/l # | 83 |
| 10) Methyl Iodide            | 4.583 | 142 | 38156  | 14.474  | ug/l   | 95 |
| 11) Tert butyl alcohol       | 5.506 | 59  | 39195  | 91.216  | ug/l   | 98 |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 52430  | 17.073  | ug/l # | 83 |
| 13) Acrolein                 | 4.177 | 56  | 36103  | 76.721  | ug/l   | 97 |
| 14) Allyl chloride           | 5.030 | 41  | 63733  | 16.774  | ug/l   | 97 |
| 15) Acrylonitrile            | 5.712 | 53  | 105822 | 87.160  | ug/l   | 97 |
| 16) Acetone                  | 4.424 | 43  | 74268  | 114.803 | ug/l   | 96 |
| 17) Carbon Disulfide         | 4.712 | 76  | 135106 | 15.524  | ug/l   | 98 |
| 18) Methyl Acetate           | 5.018 | 43  | 74973  | 18.011  | ug/l   | 95 |
| 19) Methyl tert-butyl Ether  | 5.795 | 73  | 182047 | 17.769  | ug/l   | 99 |
| 20) Methylene Chloride       | 5.283 | 84  | 60204  | 17.390  | ug/l   | 93 |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 56930  | 17.097  | ug/l   | 86 |
| 22) Diisopropyl ether        | 6.671 | 45  | 145387 | 17.730  | ug/l   | 96 |
| 23) Vinyl Acetate            | 6.600 | 43  | 390292 | 82.869  | ug/l # | 91 |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 101096 | 17.670  | ug/l   | 98 |
| 25) 2-Butanone               | 7.483 | 43  | 119820 | 96.145  | ug/l   | 89 |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 101726 | 17.388  | ug/l   | 99 |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 65303  | 17.326  | ug/l   | 88 |
| 28) Bromochloromethane       | 7.812 | 49  | 38056  | 17.324  | ug/l   | 96 |
| 29) Tetrahydrofuran          | 7.836 | 42  | 74592  | 83.585  | ug/l   | 97 |
| 30) Chloroform               | 7.965 | 83  | 116274 | 18.309  | ug/l   | 97 |
| 31) Cyclohexane              | 8.259 | 56  | 82425  | 16.613  | ug/l   | 93 |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 114859 | 18.472  | ug/l   | 97 |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 83563  | 18.212  | ug/l   | 96 |
| 37) Ethyl Acetate            | 7.559 | 43  | 51762  | 18.016  | ug/l   | 96 |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 100067 | 18.252  | ug/l   | 96 |
| 39) Methylcyclohexane        | 9.600 | 83  | 82187  | 17.243  | ug/l   | 91 |
| 40) Benzene                  | 8.606 | 78  | 239403 | 18.069  | ug/l   | 96 |

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 Sample : VN1214WBSD02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 15 00:29:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121223W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 13 01:57:14 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 28884    | 17.438  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 94592    | 19.279  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 90849    | 17.586  | ug/l   | 96       |
| 44) Trichloroethene           | 9.353  | 130  | 63677    | 17.828  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 57214    | 18.386  | ug/l   | 99       |
| 46) Dibromomethane            | 9.706  | 93   | 41419    | 18.534  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.888  | 83   | 90161    | 18.825  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.683  | 41   | 52353    | 16.982  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 17299    | 370.206 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 263243   | 92.523  | ug/l   | 99       |
| 52) Toluene                   | 10.630 | 92   | 152322   | 18.199  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 93078    | 17.962  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 100515   | 18.148  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 56420    | 18.734  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 56596    | 16.973  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 97891    | 18.542  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 175215   | 83.238  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.194 | 43   | 187919   | 89.467  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 67179    | 18.824  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 56290    | 18.059  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 54824    | 17.888  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.894 | 112  | 157439   | 17.829  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 61047    | 17.619  | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.965 | 91   | 285468   | 17.581  | ug/l   | 95       |
| 68) m/p-Xylenes               | 12.071 | 106  | 216210   | 36.036  | ug/l   | 90       |
| 69) o-Xylene                  | 12.400 | 106  | 102180   | 17.411  | ug/l   | 88       |
| 70) Styrene                   | 12.412 | 104  | 152805   | 18.076  | ug/l   | 94       |
| 71) Bromoform                 | 12.582 | 173  | 43201    | 17.097  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 270177   | 18.305  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 72078    | 16.723  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 70890    | 17.924  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 98123    | 26.770  | ug/l   | 76       |
| 77) Bromobenzene              | 12.982 | 156  | 65605    | 18.069  | ug/l   | 95       |
| 78) n-propylbenzene           | 13.035 | 91   | 297310   | 18.270  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 195378   | 18.390  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 233714   | 18.386  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 27196    | 19.481  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 193451   | 17.715  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 187066   | 17.969  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 229442   | 18.144  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 238990   | 17.946  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 216866   | 18.036  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 114089   | 17.834  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 113376   | 17.557  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.059 | 91   | 172328   | 17.161  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 35467    | 18.573  | ug/l   | 74       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 107057   | 17.624  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 15426    | 18.543  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 61520    | 18.241  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 33469    | 17.431  | ug/l   | 100      |
| 95) Naphthalene               | 15.641 | 128  | 176766   | 17.260  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 57310    | 17.609  | ug/l   | 94       |

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Operator : JC\MD  
Sample : VN1214WBSD02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

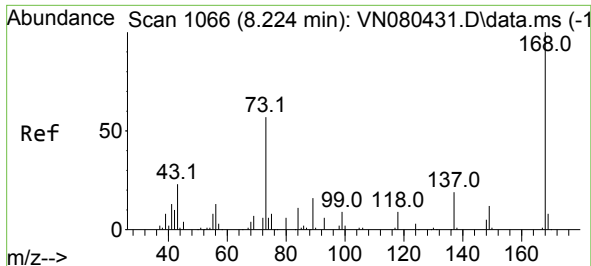
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 15 00:29:04 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121223W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 13 01:57:14 2023  
Response via : Initial Calibration

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

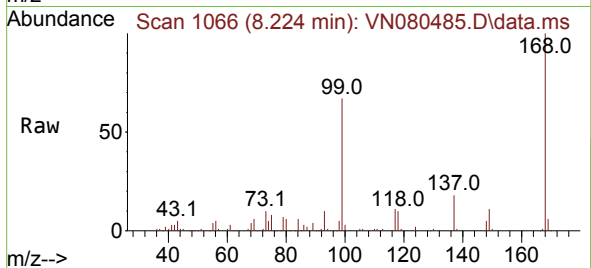
(#) = qualifier out of range (m) = manual integration (+) = signals summed



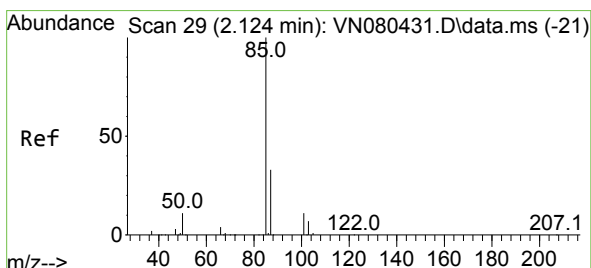
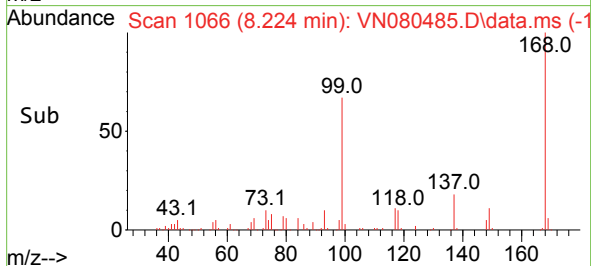
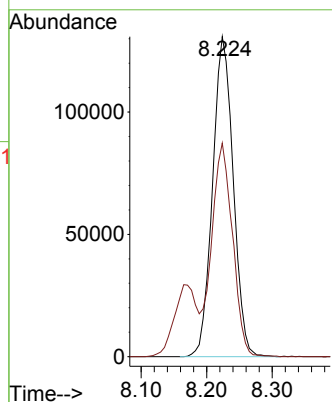


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :

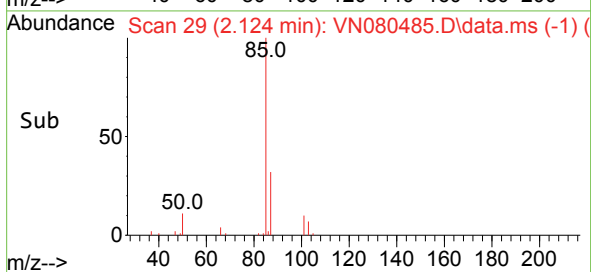
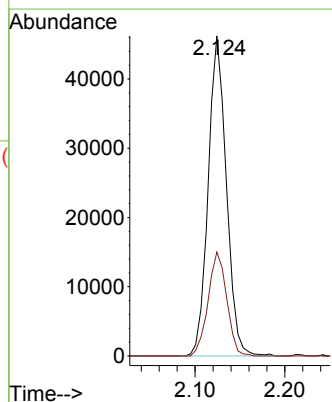
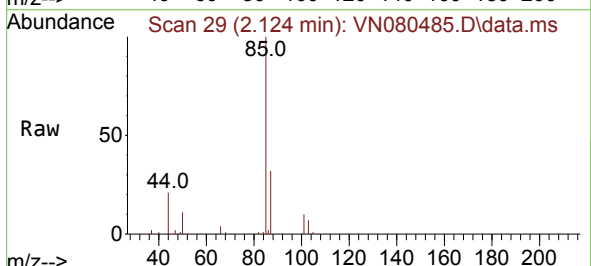


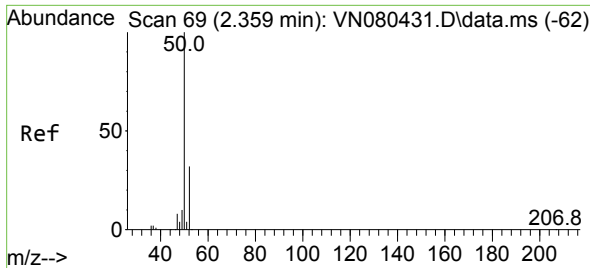
Tgt Ion:168 Resp: 285657  
Ion Ratio Lower Upper  
168 100  
99 66.8 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 17.834 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 85 Resp: 65102  
Ion Ratio Lower Upper  
85 100  
87 32.4 15.8 47.4

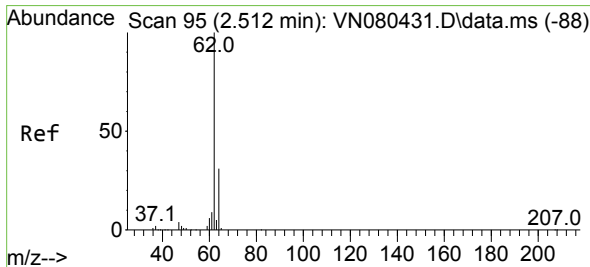
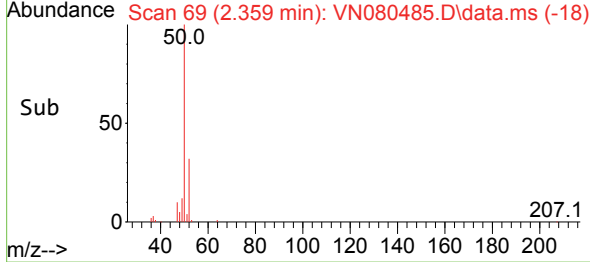
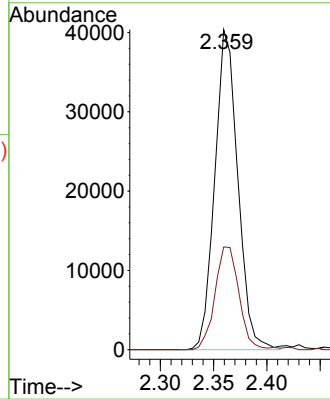
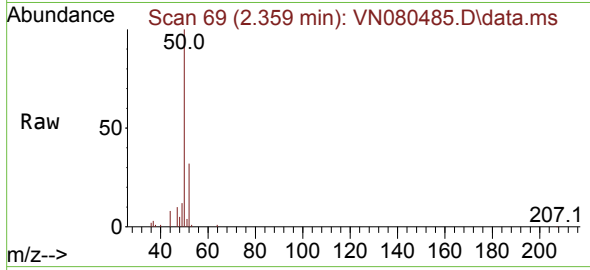




#3  
Chloromethane  
Concen: 15.599 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

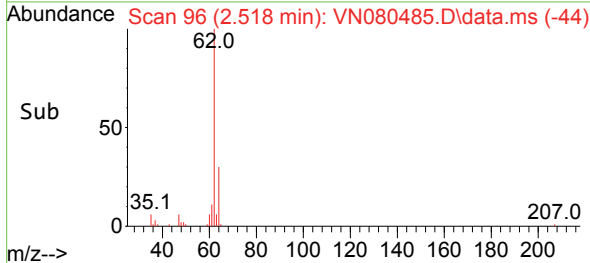
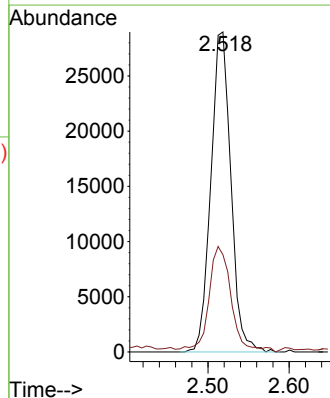
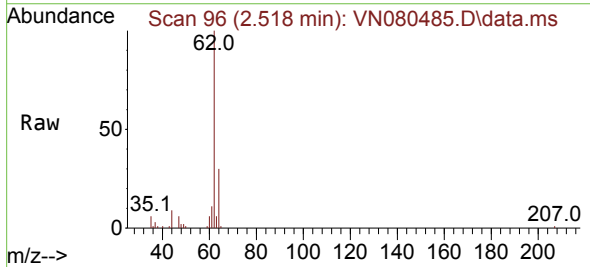
Instrument :  
MSVOA\_N  
ClientSampleId :

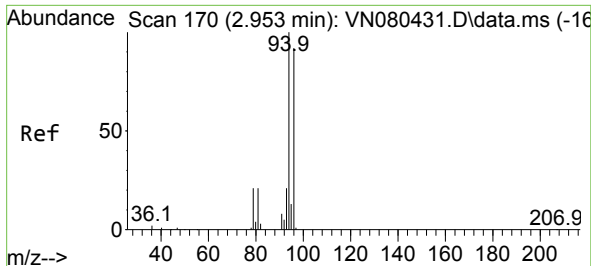
Tgt Ion: 50 Resp: 60656  
Ion Ratio Lower Upper  
50 100  
52 32.1 26.5 39.7



#4  
Vinyl Chloride  
Concen: 15.921 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

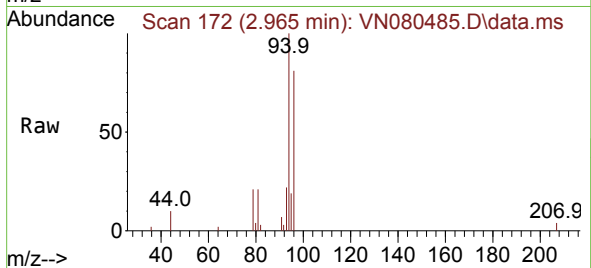
Tgt Ion: 62 Resp: 49633  
Ion Ratio Lower Upper  
62 100  
64 29.8 26.2 39.2



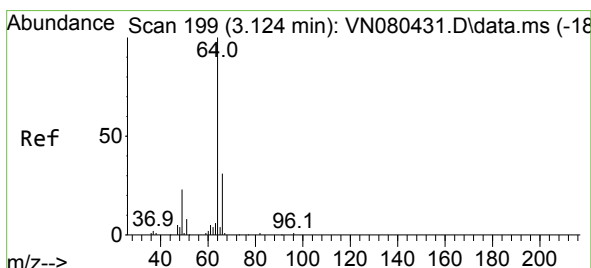
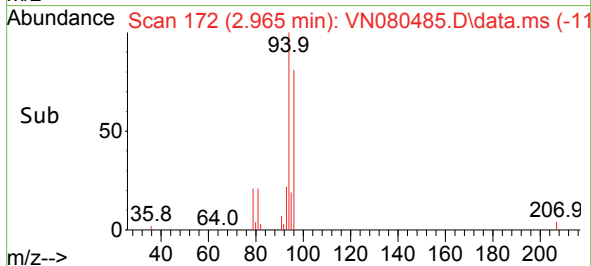
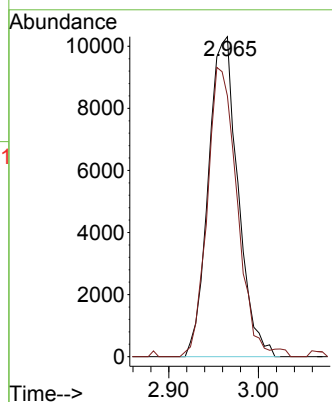


#5  
Bromomethane  
Concen: 16.802 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :

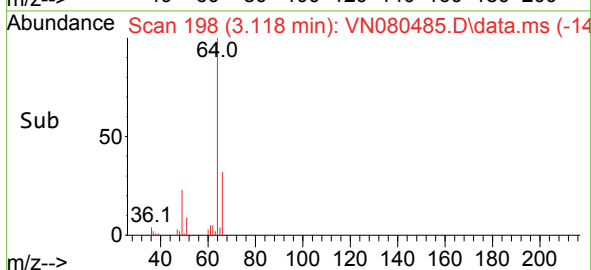
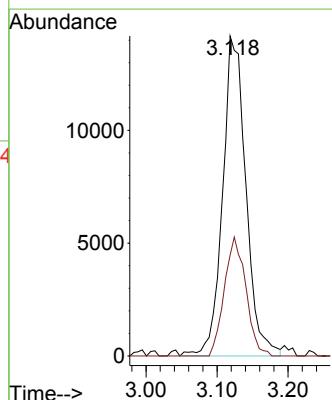
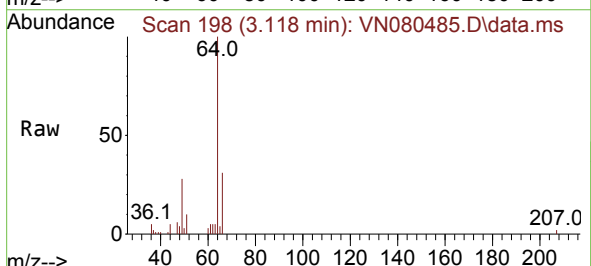


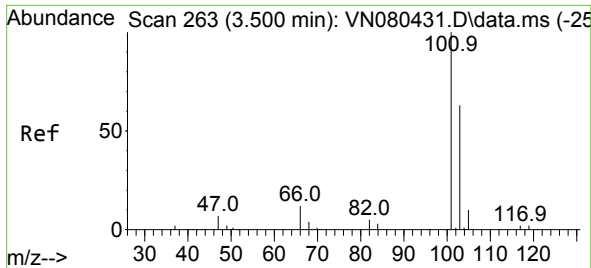
Tgt Ion: 94 Resp: 23616  
Ion Ratio Lower Upper  
94 100  
96 81.5 73.1 109.7



#6  
Chloroethane  
Concen: 16.125 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

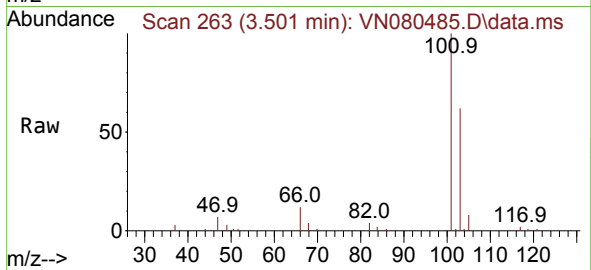
Tgt Ion: 64 Resp: 32302  
Ion Ratio Lower Upper  
64 100  
66 31.5 25.4 38.2



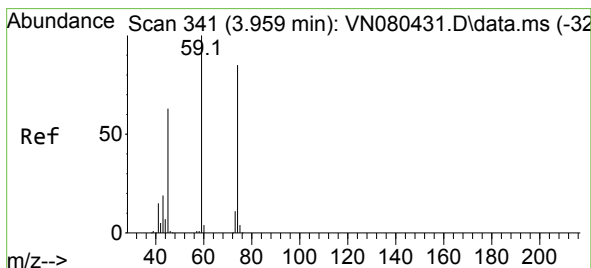
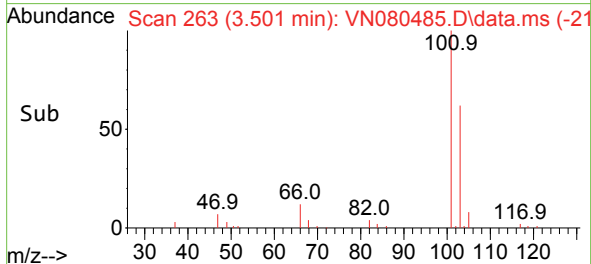
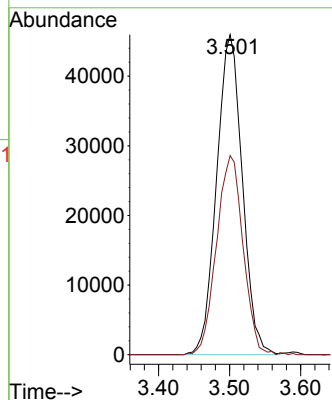


#7  
 Trichlorofluoromethane  
 Concen: 18.256 ug/l  
 RT: 3.501 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

Instrument :  
 MSVOA\_N  
 ClientSampleId :

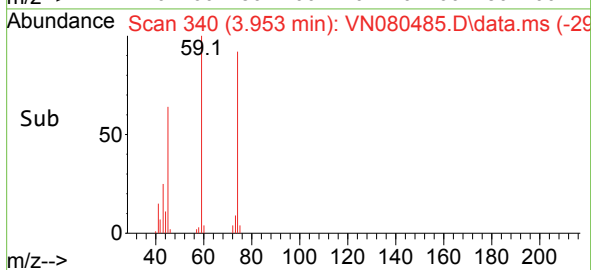
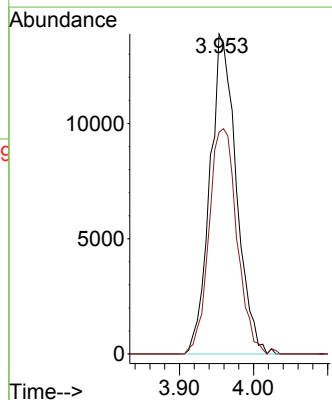
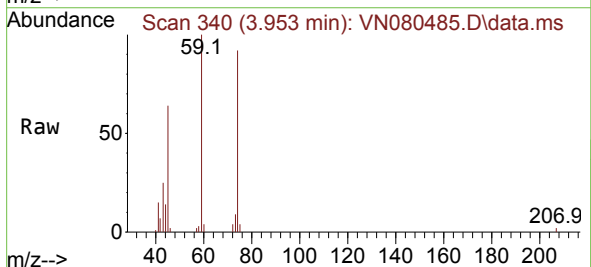


Tgt Ion:101 Resp: 115438  
 Ion Ratio Lower Upper  
 101 100  
 103 62.2 50.7 76.1

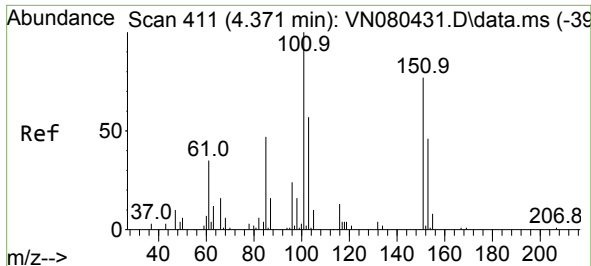


#8  
 Diethyl Ether  
 Concen: 17.245 ug/l  
 RT: 3.953 min Scan# 340  
 Delta R.T. -0.006 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

Tgt Ion: 74 Resp: 34347  
 Ion Ratio Lower Upper  
 74 100  
 45 74.5 34.4 103.3



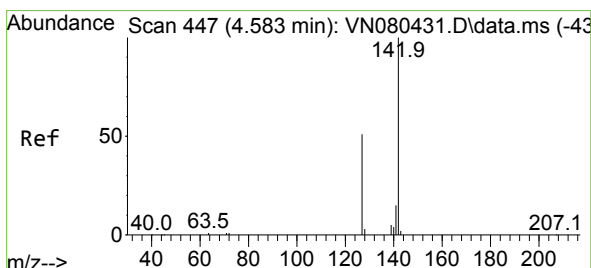
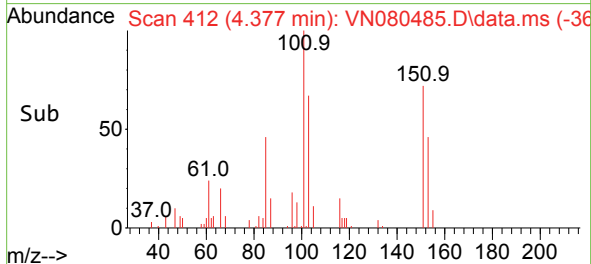
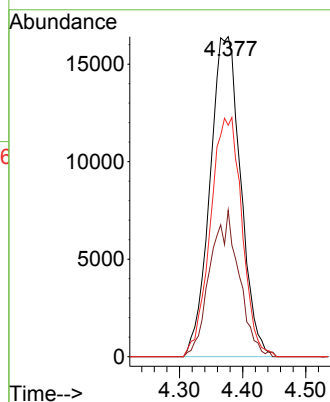
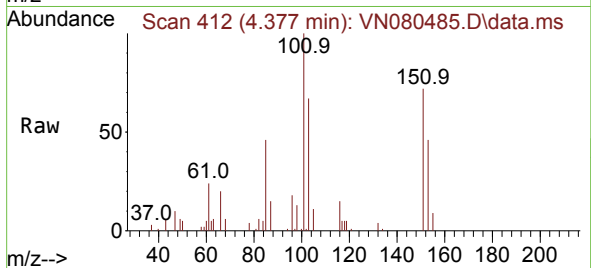




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.507 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

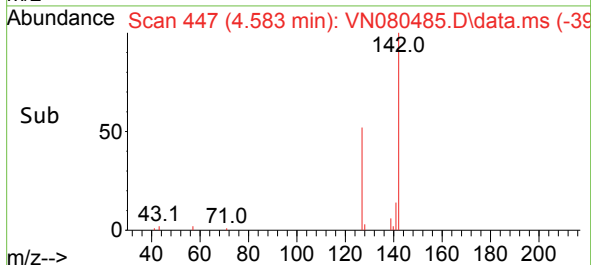
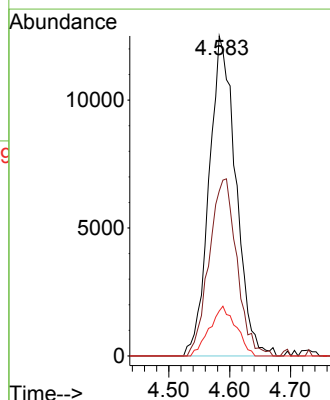
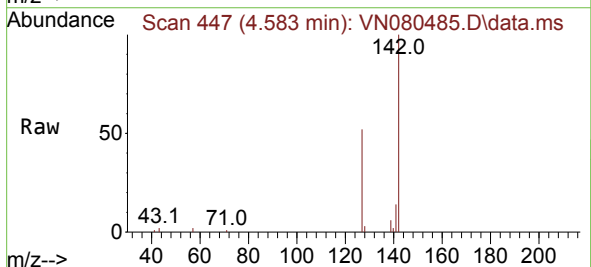
Instrument :  
MSVOA\_N  
ClientSampleId :

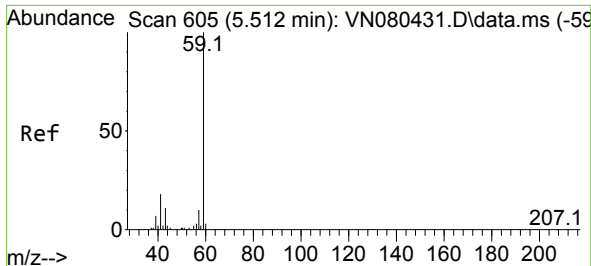
Tgt Ion:101 Resp: 55466  
Ion Ratio Lower Upper  
101 100  
85 23.3 36.6 55.0#  
151 76.7 57.6 86.4



#10  
Methyl Iodide  
Concen: 14.474 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:142 Resp: 38156  
Ion Ratio Lower Upper  
142 100  
127 51.6 37.6 56.4  
141 14.0 11.4 17.0

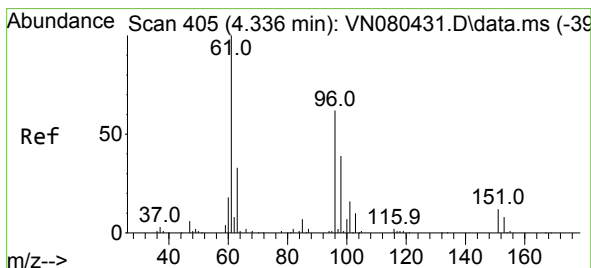
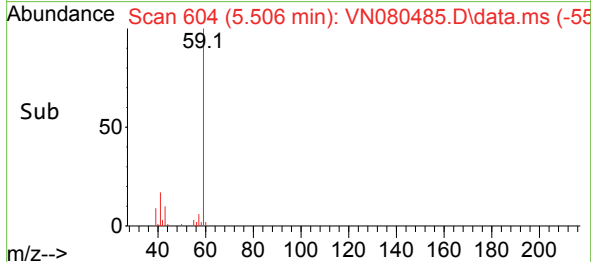
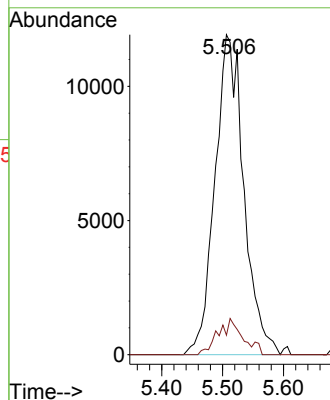
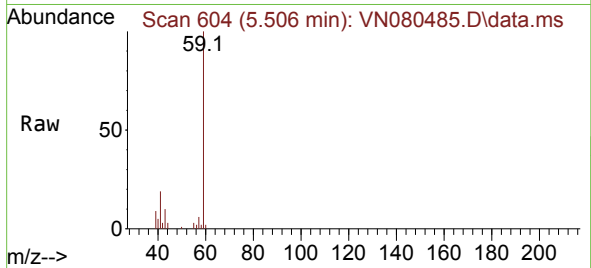




#11  
Tert butyl alcohol  
Concen: 91.216 ug/l  
RT: 5.506 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

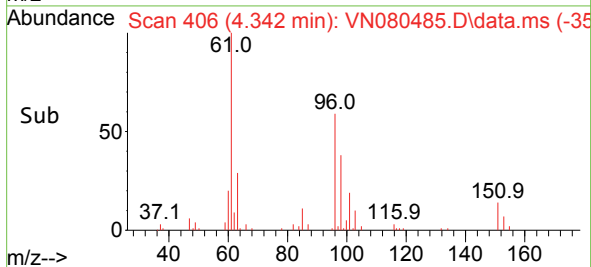
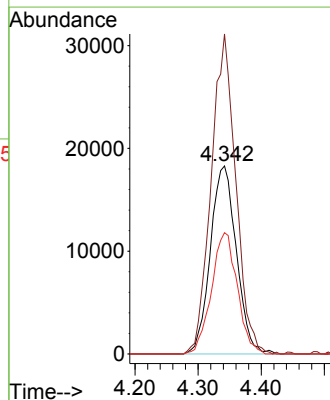
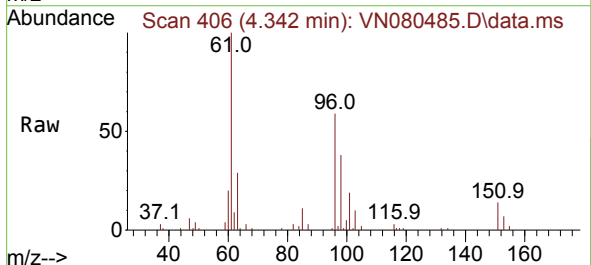
Instrument :  
MSVOA\_N  
ClientSampleId :

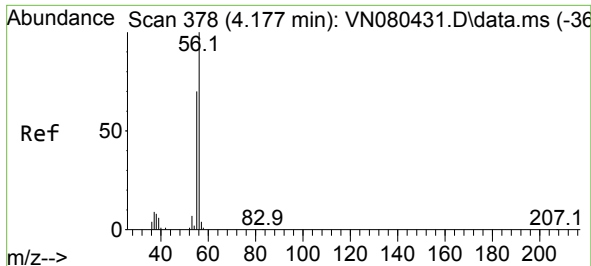
Tgt Ion: 59 Resp: 39195  
Ion Ratio Lower Upper  
59 100  
57 9.7 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 17.073 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 96 Resp: 52430  
Ion Ratio Lower Upper  
96 100  
61 170.3 112.7 169.1#  
98 64.5 51.2 76.8





#13

Acrolein

Concen: 76.721 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

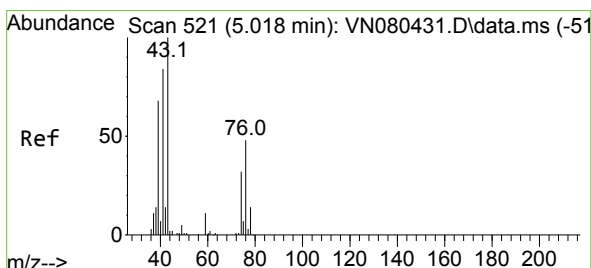
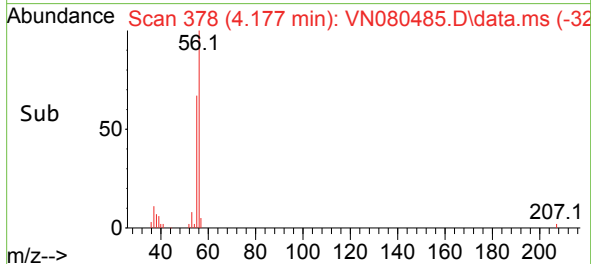
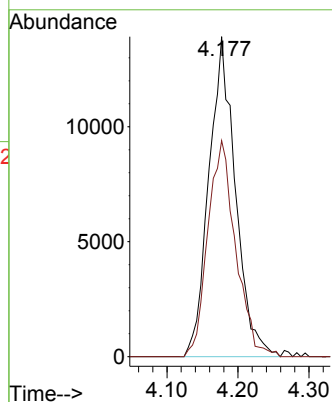
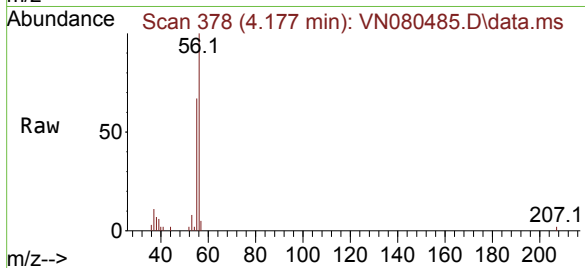
ClientSampleId :

Tgt Ion: 56 Resp: 36103

Ion Ratio Lower Upper

56 100

55 70.8 54.5 81.7



#14

Allyl chloride

Concen: 16.774 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

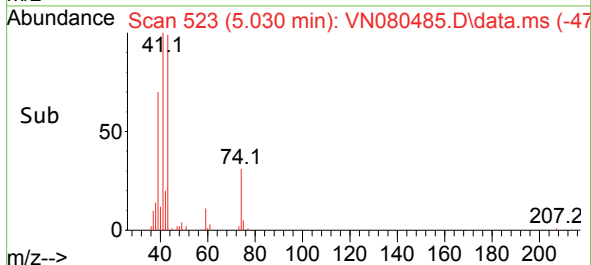
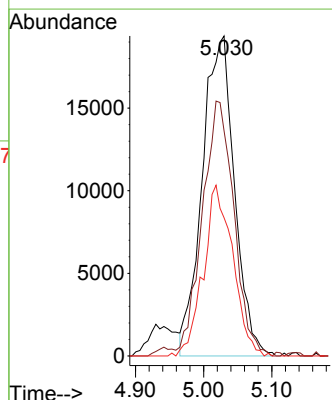
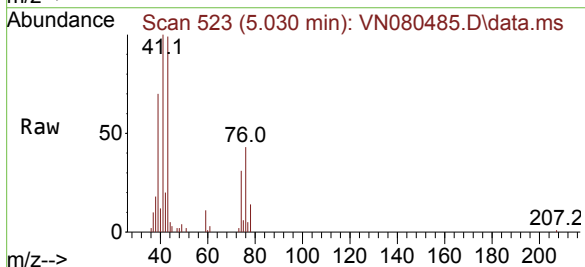
Tgt Ion: 41 Resp: 63733

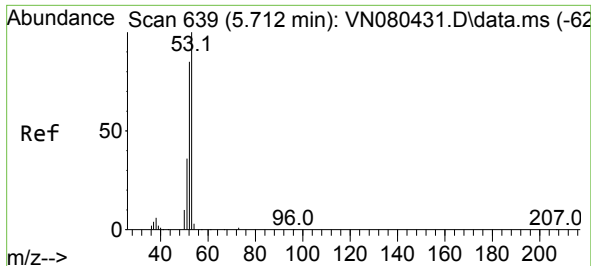
Ion Ratio Lower Upper

41 100

39 78.0 58.8 88.2

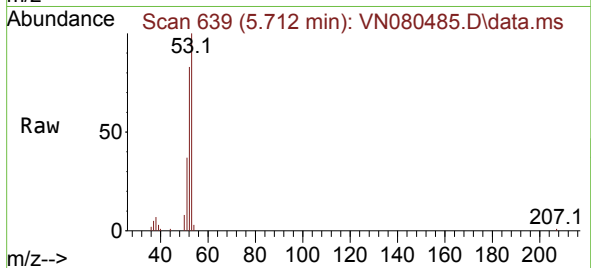
76 48.6 39.1 58.7



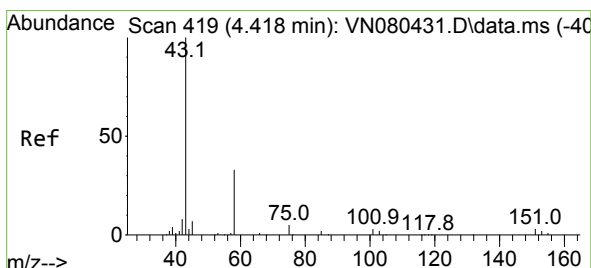
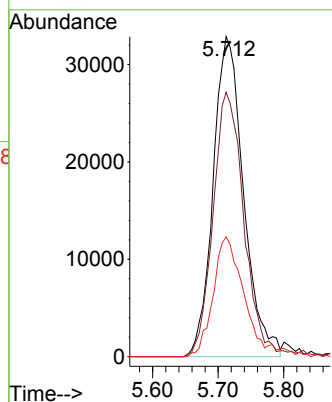
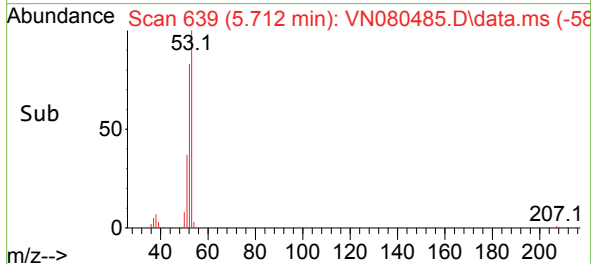


#15  
Acrylonitrile  
Concen: 87.160 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

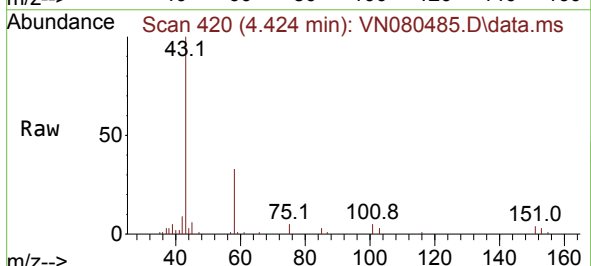
Instrument :  
MSVOA\_N  
ClientSampleId :



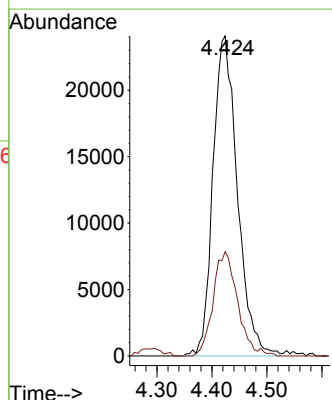
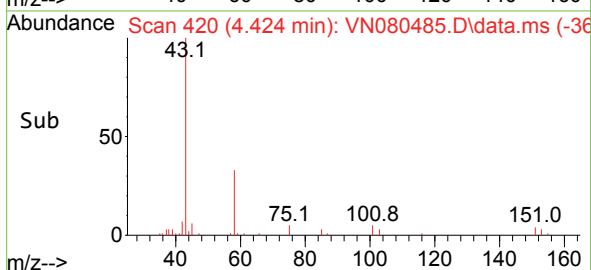
Tgt Ion: 53 Resp: 105822  
Ion Ratio Lower Upper  
53 100  
52 83.6 65.3 97.9  
51 38.9 28.9 43.3

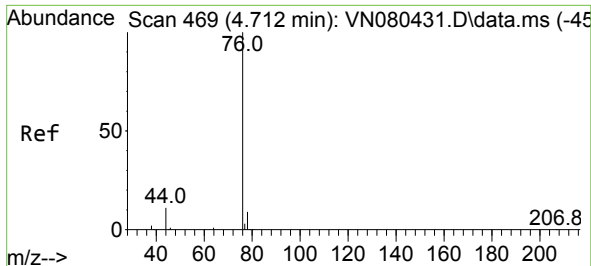


#16  
Acetone  
Concen: 114.803 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



Tgt Ion: 43 Resp: 74268  
Ion Ratio Lower Upper  
43 100  
58 32.6 28.0 42.0

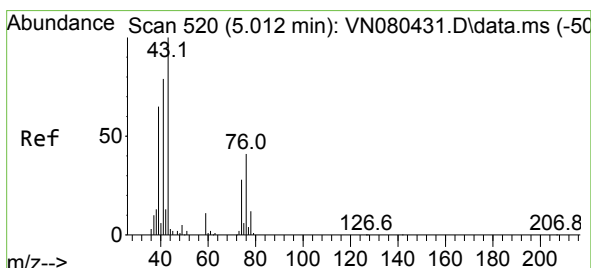
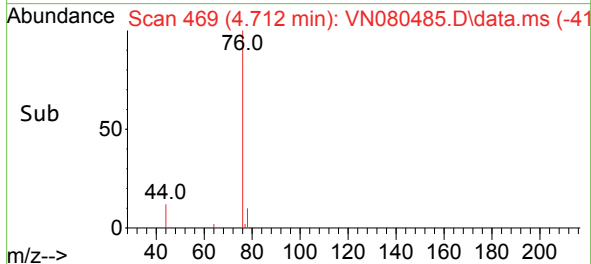
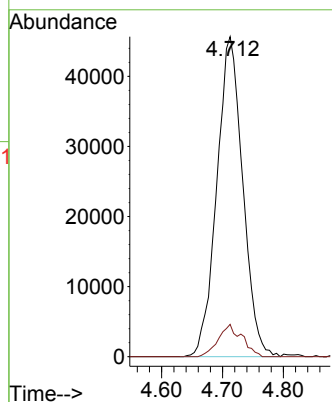
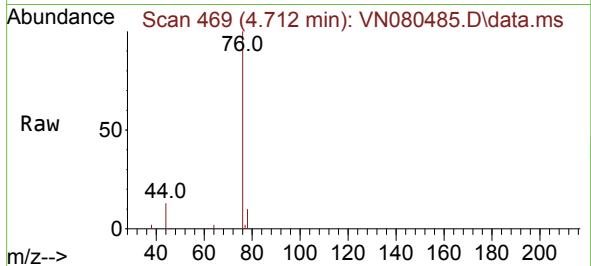




#17  
Carbon Disulfide  
Concen: 15.524 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

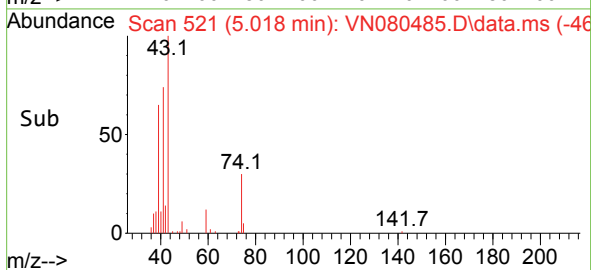
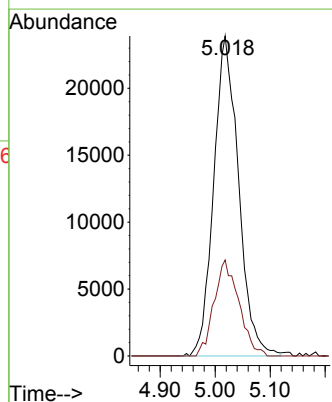
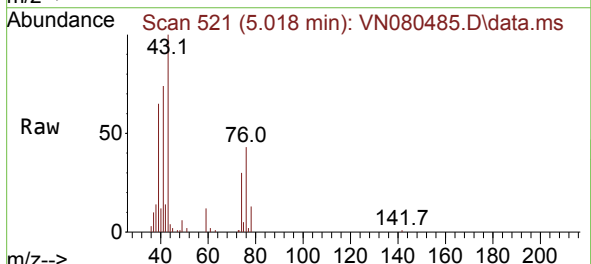
Instrument :  
MSVOA\_N  
ClientSampleId :

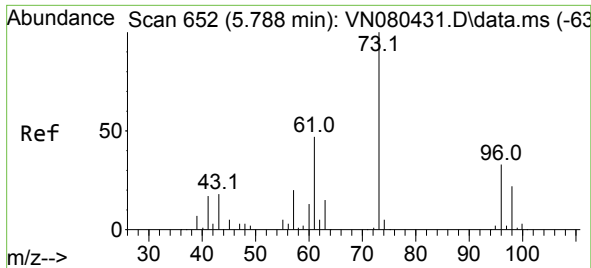
Tgt Ion: 76 Resp: 135106  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.4 11.0



#18  
Methyl Acetate  
Concen: 18.011 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 43 Resp: 74973  
Ion Ratio Lower Upper  
43 100  
74 30.0 26.2 39.4

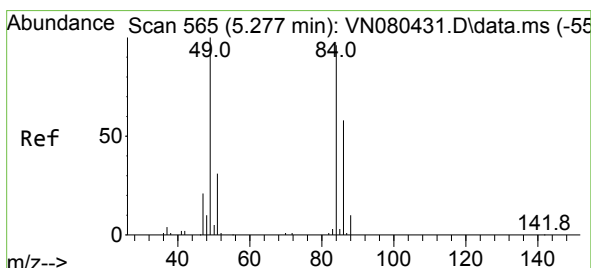
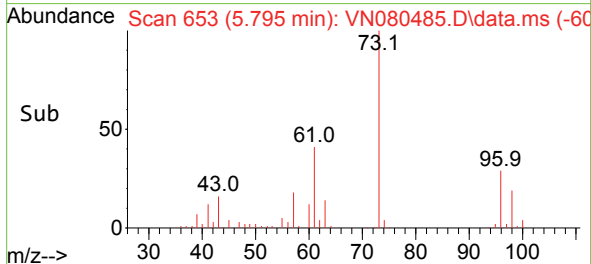
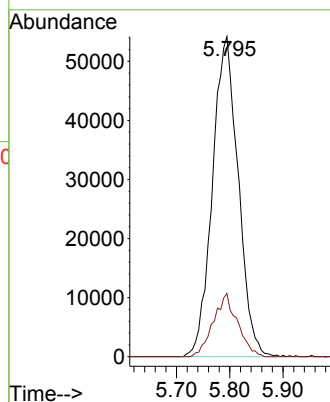
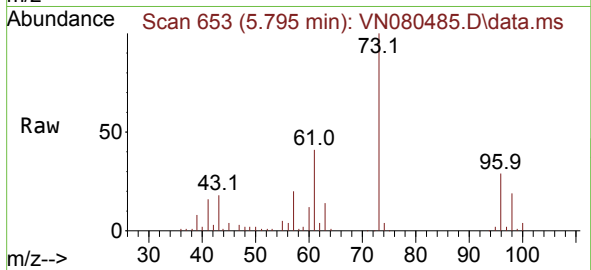




#19  
Methyl tert-butyl Ether  
Concen: 17.769 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

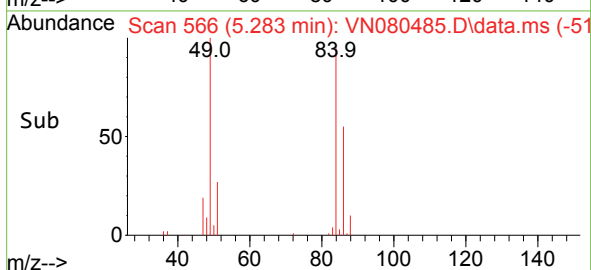
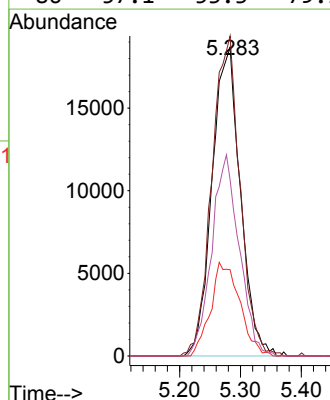
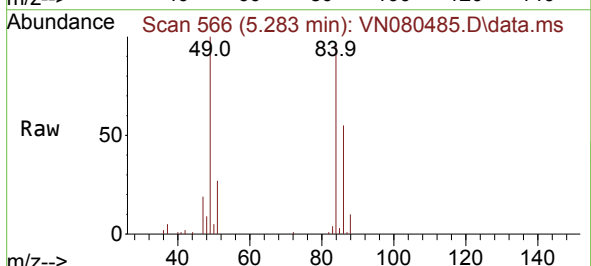
Instrument :  
MSVOA\_N  
ClientSampleId :

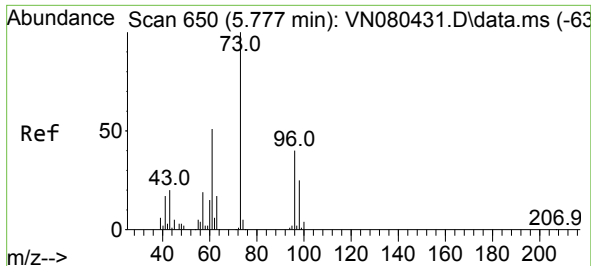
Tgt Ion: 73 Resp: 182047  
Ion Ratio Lower Upper  
73 100  
57 19.7 15.6 23.4



#20  
Methylene Chloride  
Concen: 17.390 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 84 Resp: 60204  
Ion Ratio Lower Upper  
84 100  
49 103.6 79.7 119.5  
51 27.9 25.2 37.8  
86 57.1 53.3 79.9

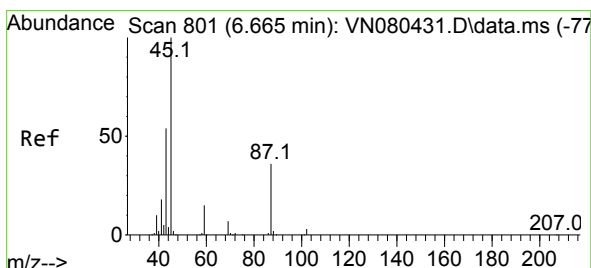
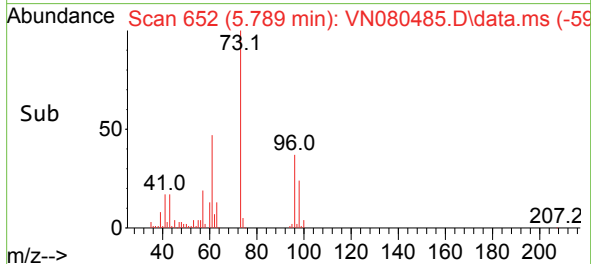
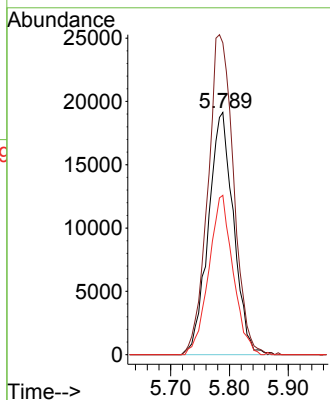
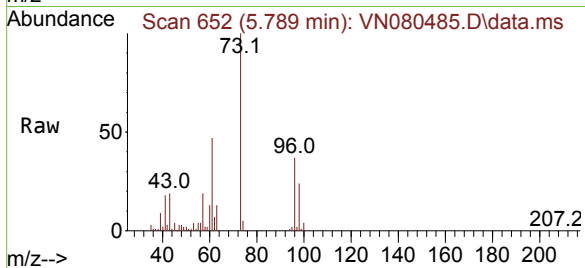




#21  
trans-1,2-Dichloroethene  
Concen: 17.097 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

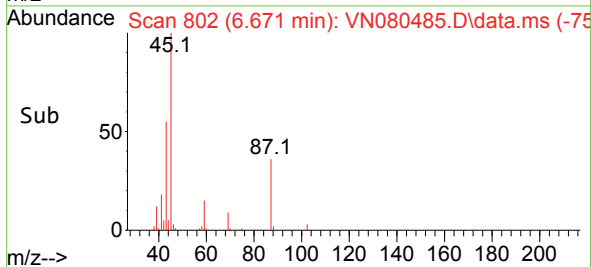
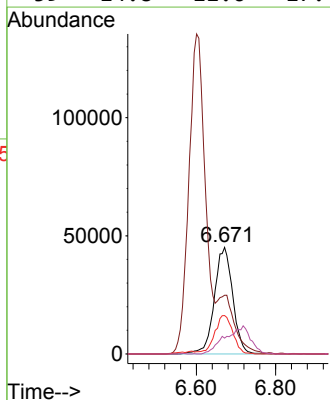
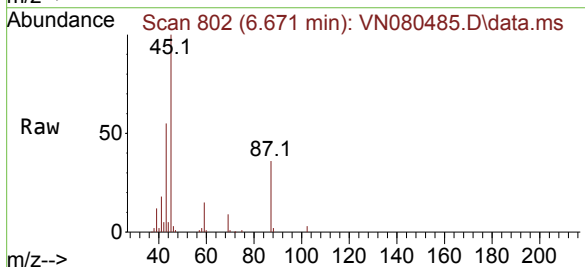
Instrument :  
MSVOA\_N  
ClientSampleId :

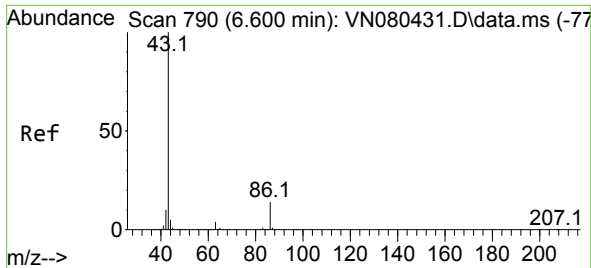
Tgt Ion: 96 Resp: 56930  
Ion Ratio Lower Upper  
96 100  
61 128.7 90.1 135.1  
98 65.8 46.4 69.6



#22  
Diisopropyl ether  
Concen: 17.730 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 45 Resp: 145387  
Ion Ratio Lower Upper  
45 100  
43 54.7 45.5 68.3  
87 36.1 31.8 47.8  
59 14.8 11.6 17.4

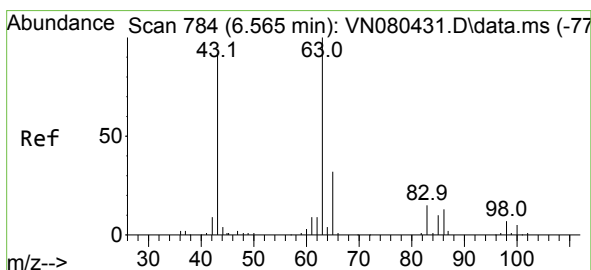
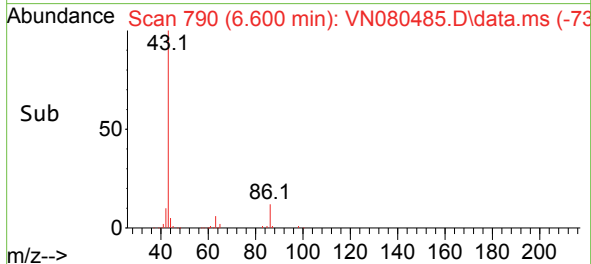
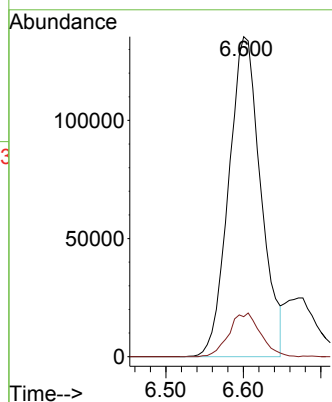
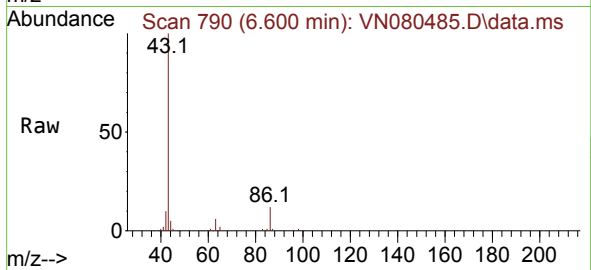




#23  
 Vinyl Acetate  
 Concen: 82.869 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

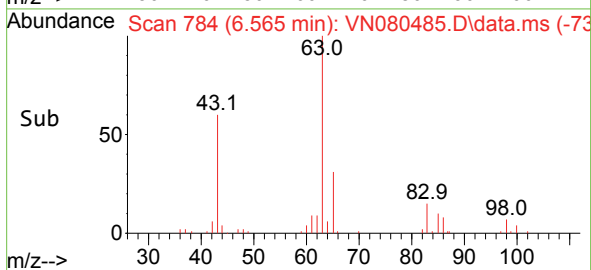
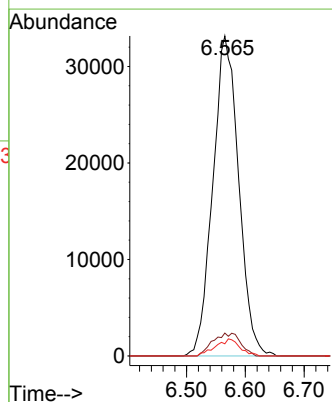
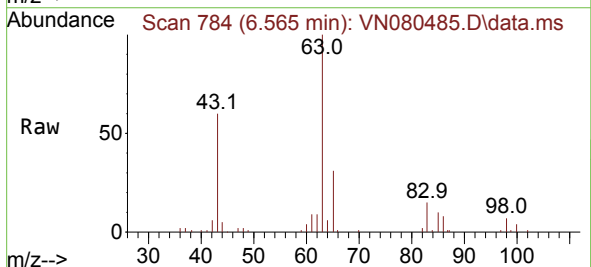
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 390292  
 Ion Ratio Lower Upper  
 43 100  
 86 12.5 13.0 19.6#

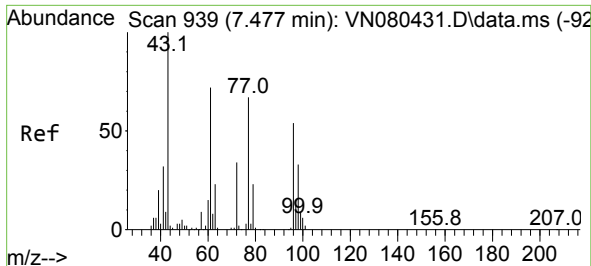


#24  
 1,1-Dichloroethane  
 Concen: 17.670 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

Tgt Ion: 63 Resp: 101096  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.9 11.7  
 100 3.8 2.5 7.4



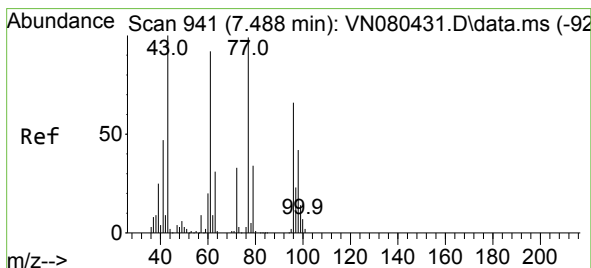
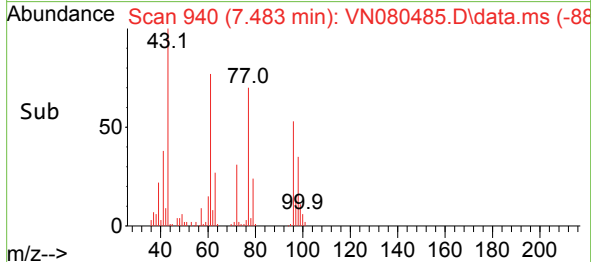
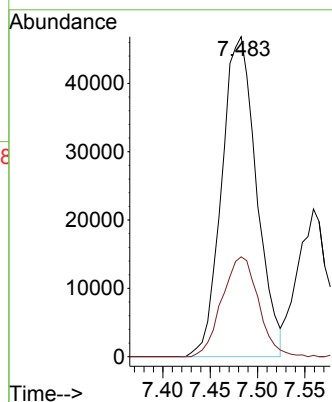
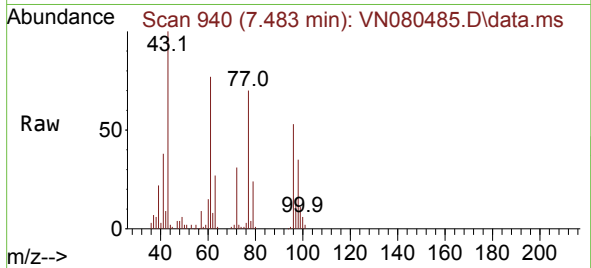




#25  
2-Butanone  
Concen: 96.145 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

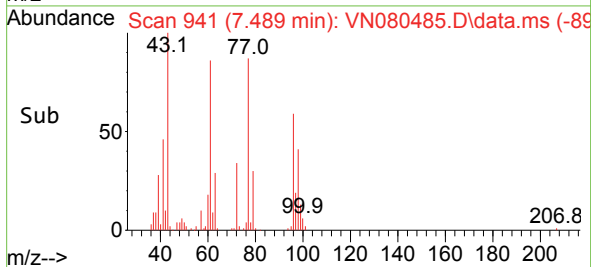
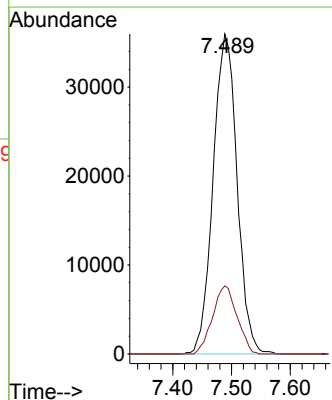
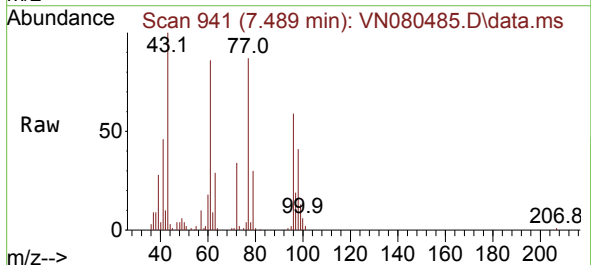
Instrument :  
MSVOA\_N  
ClientSampleId :

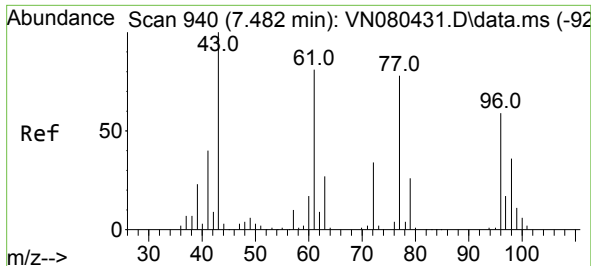
Tgt Ion: 43 Resp: 119820  
Ion Ratio Lower Upper  
43 100  
72 31.2 30.2 45.2



#26  
2,2-Dichloropropane  
Concen: 17.388 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 77 Resp: 101726  
Ion Ratio Lower Upper  
77 100  
97 21.7 11.2 33.6

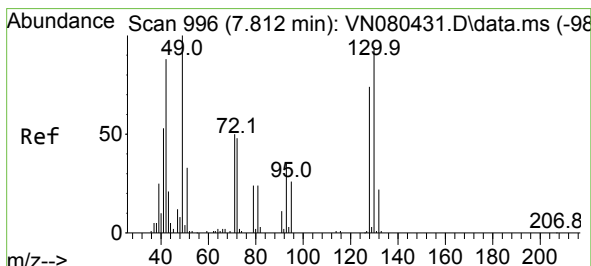
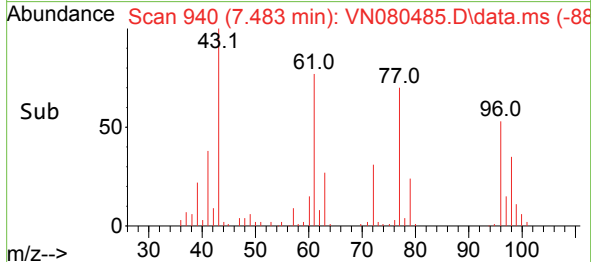
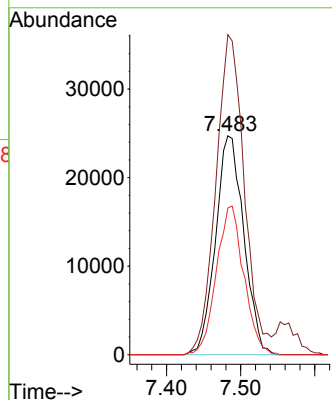
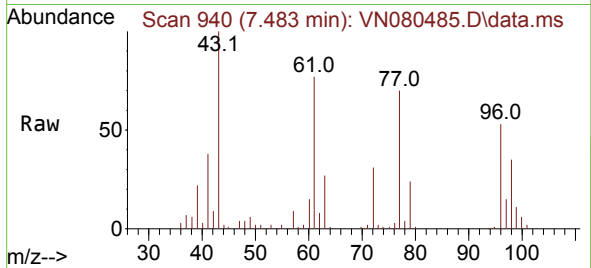




#27  
 cis-1,2-Dichloroethene  
 Concen: 17.326 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

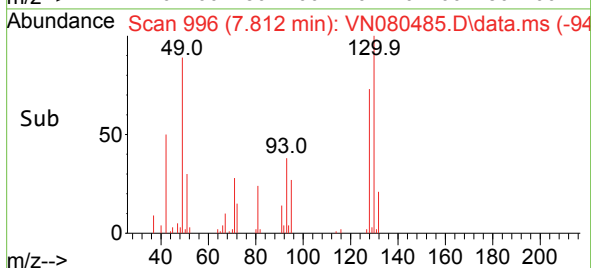
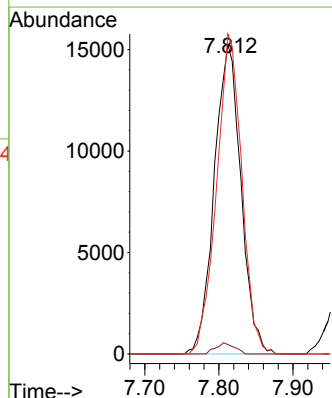
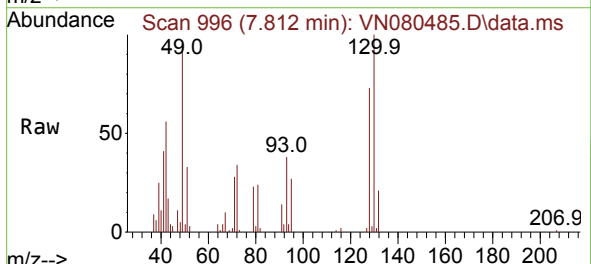
Instrument :  
 MSVOA\_N  
 ClientSampleId :

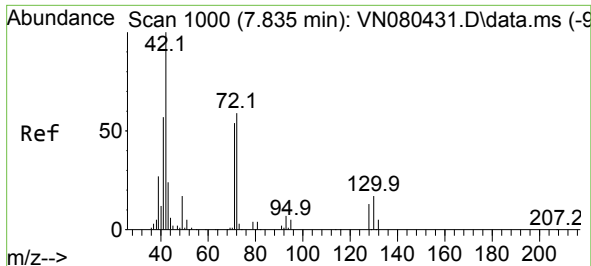
Tgt Ion: 96 Resp: 65303  
 Ion Ratio Lower Upper  
 96 100  
 61 147.7 0.0 255.2  
 98 66.3 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 17.324 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

Tgt Ion: 49 Resp: 38056  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 4.8  
 130 98.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 83.585 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

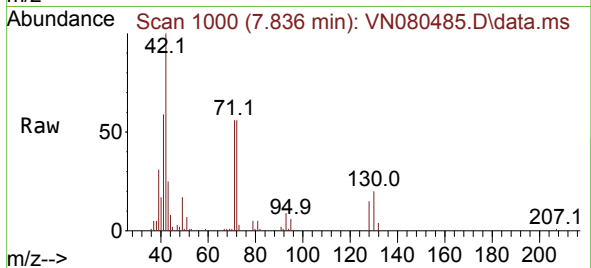
Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

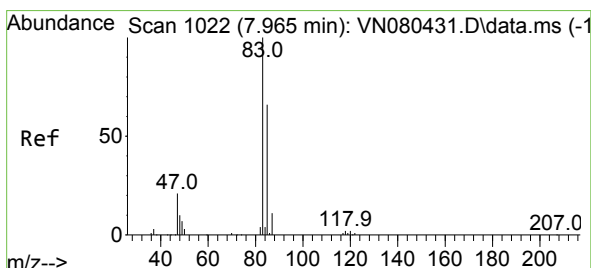
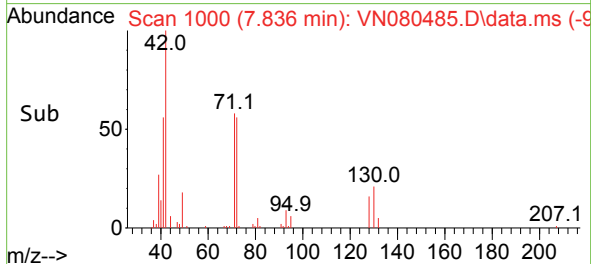
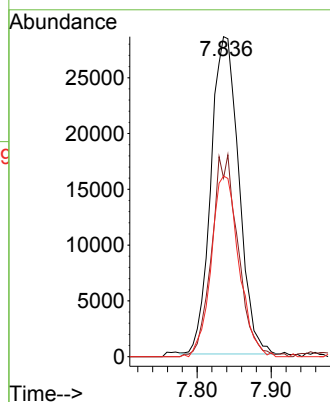
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 74592 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 60.5  | 49.8  | 74.6  |
| 71        | 56.5  | 47.4  | 71.2  |



#30

Chloroform

Concen: 18.309 ug/l

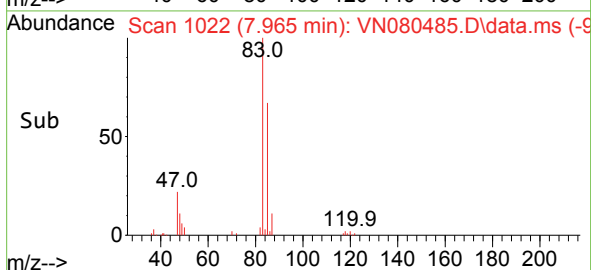
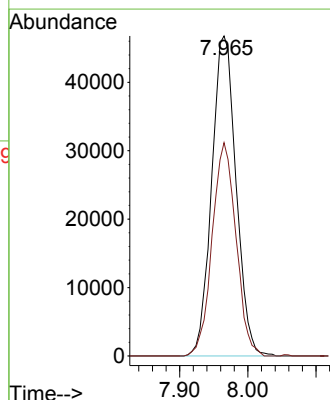
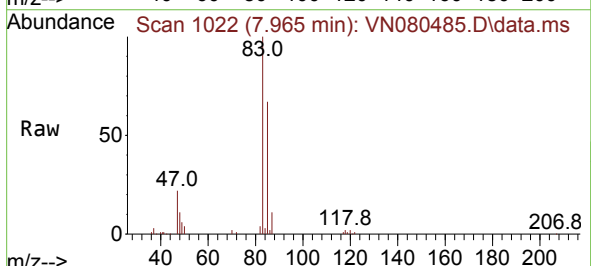
RT: 7.965 min Scan# 1022

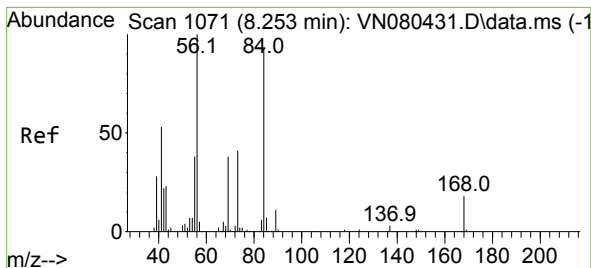
Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 116274 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 66.7  | 55.4  | 83.0   |





#31

Cyclohexane

Concen: 16.613 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

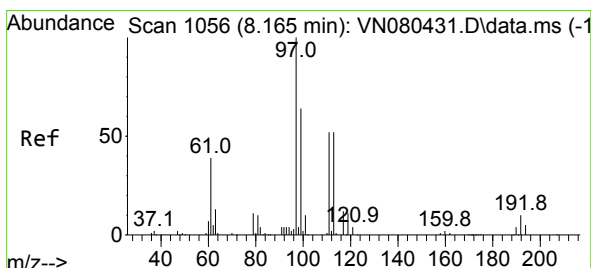
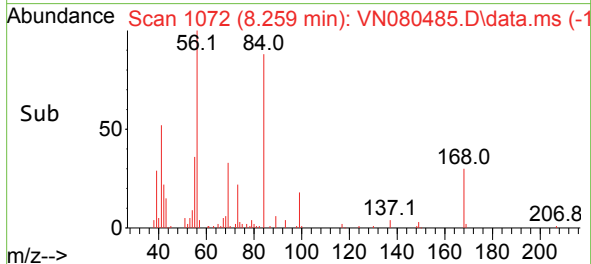
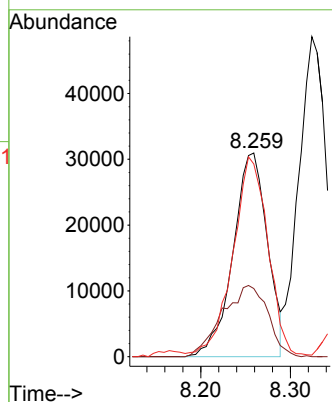
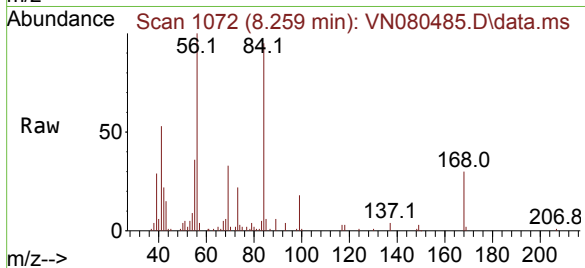
Tgt Ion: 56 Resp: 82425

Ion Ratio Lower Upper

56 100

69 33.5 26.8 40.2

84 92.4 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 18.472 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

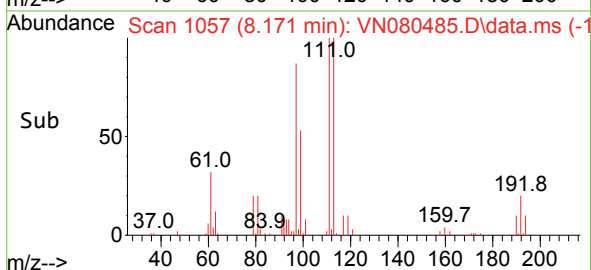
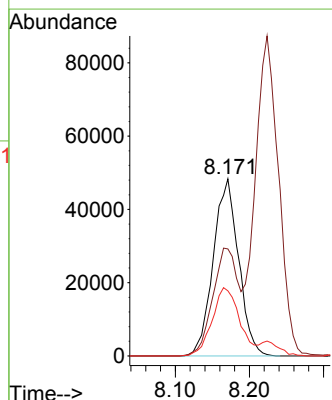
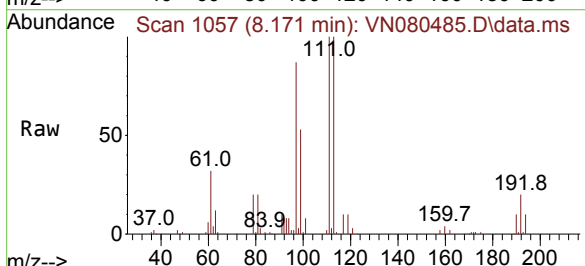
Tgt Ion: 97 Resp: 114859

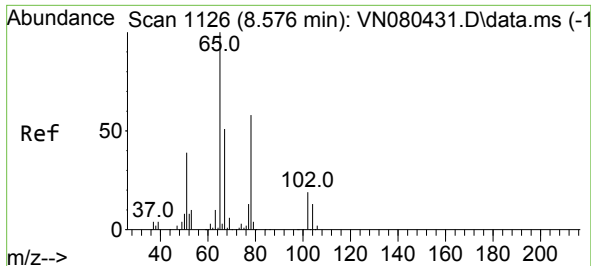
Ion Ratio Lower Upper

97 100

99 60.3 50.3 75.5

61 42.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.458 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

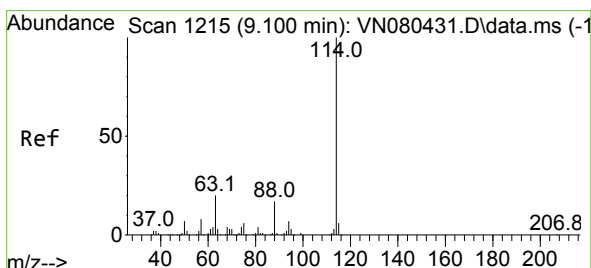
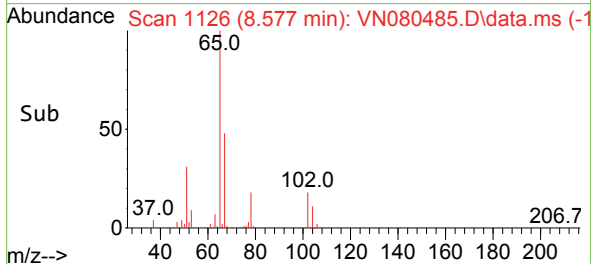
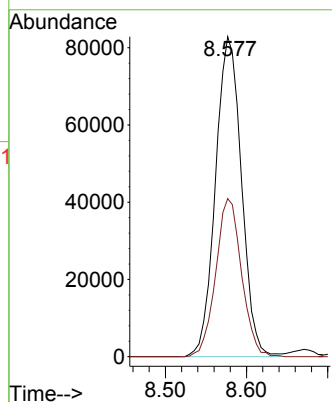
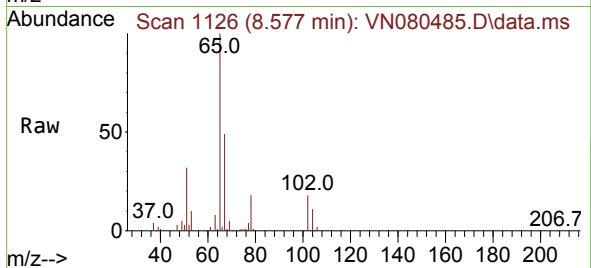
ClientSampleId :

Tgt Ion: 65 Resp: 184095

Ion Ratio Lower Upper

65 100

67 49.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

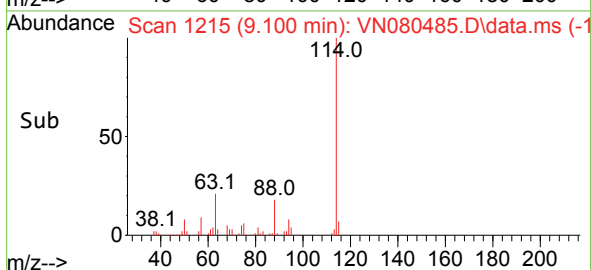
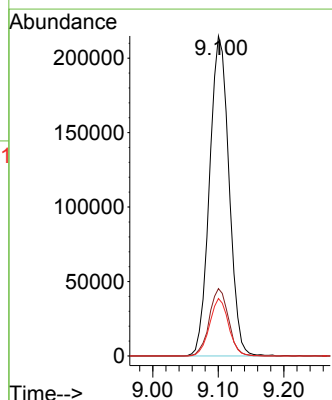
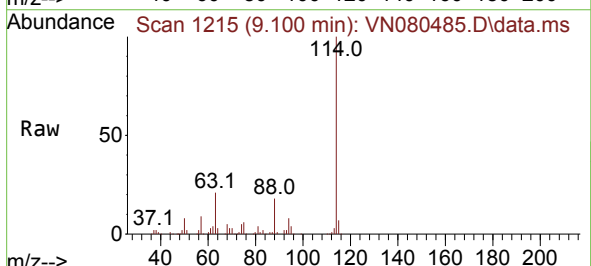
Tgt Ion: 114 Resp: 442585

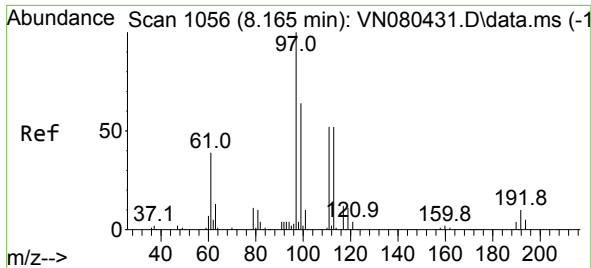
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

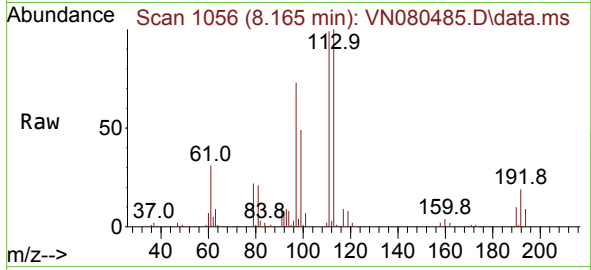
88 17.9 0.0 30.6



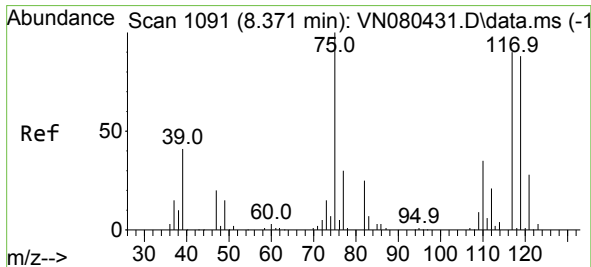
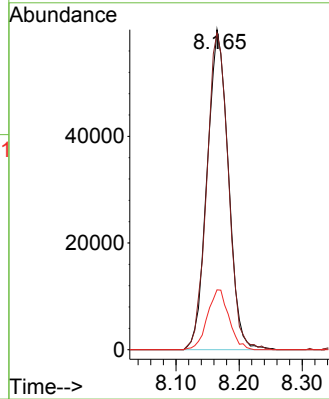
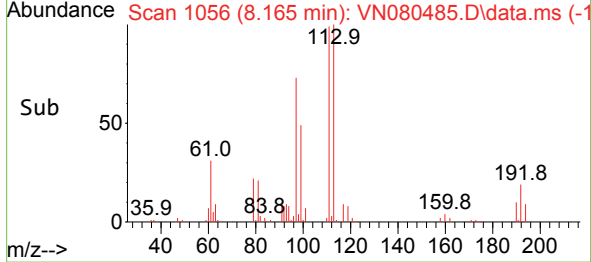


#35  
Dibromofluoromethane  
Concen: 49.960 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :

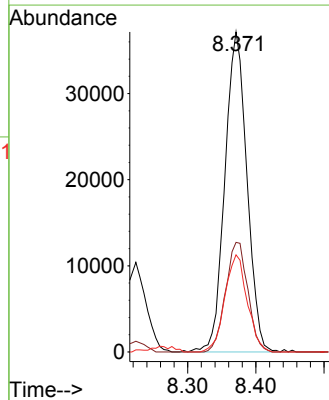
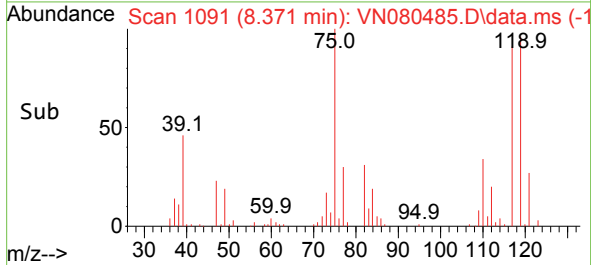
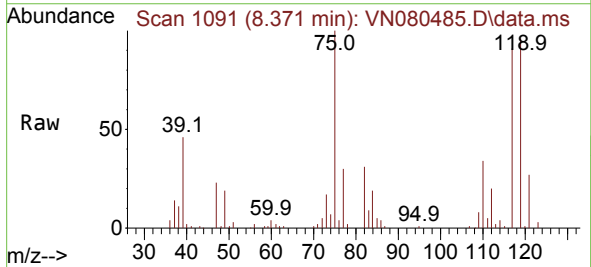


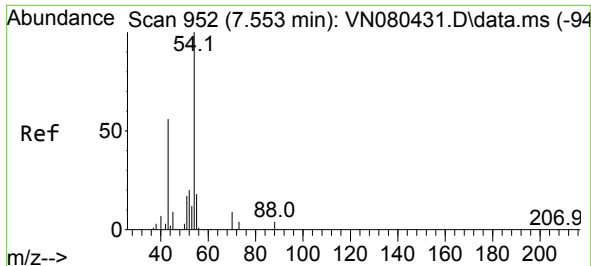
Tgt Ion:113 Resp: 140197  
Ion Ratio Lower Upper  
113 100  
111 100.3 82.6 123.8  
192 19.0 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 18.212 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 75 Resp: 83563  
Ion Ratio Lower Upper  
75 100  
110 34.6 19.1 57.3  
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 18.016 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

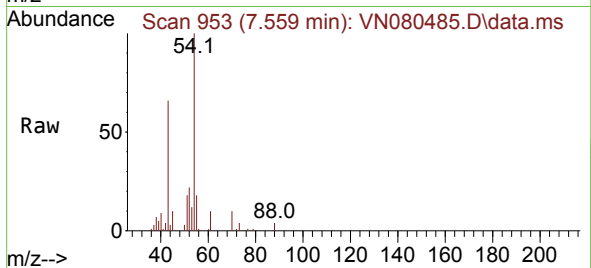
Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :



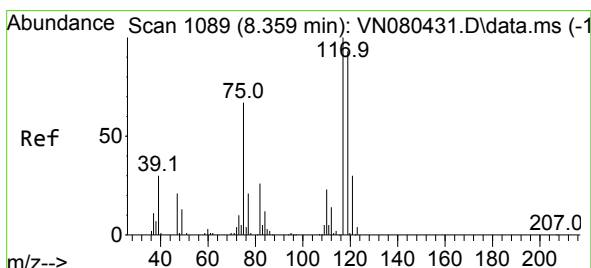
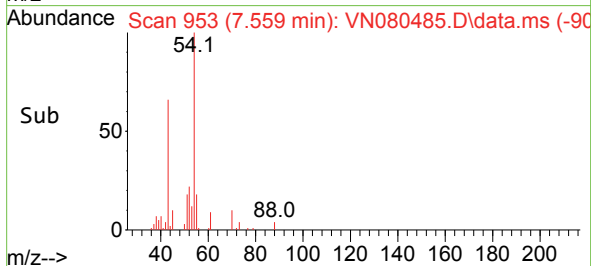
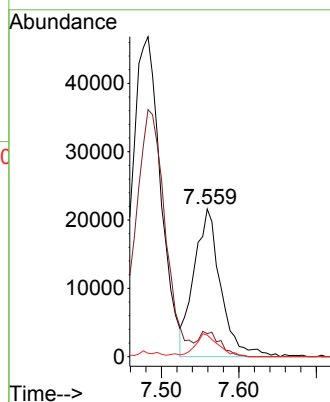
Tgt Ion: 43 Resp: 51762

Ion Ratio Lower Upper

43 100

61 13.8 13.2 19.8

70 14.0 11.3 16.9



#38

Carbon Tetrachloride

Concen: 18.252 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

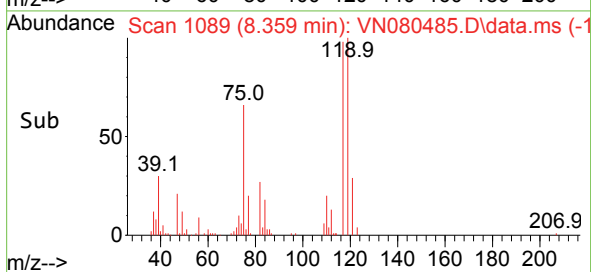
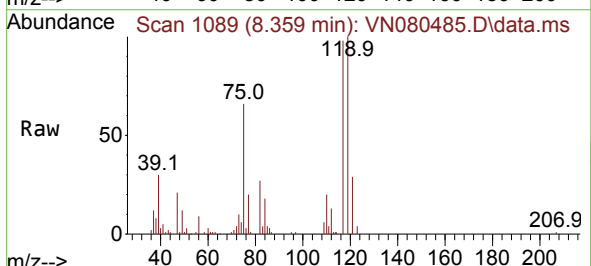
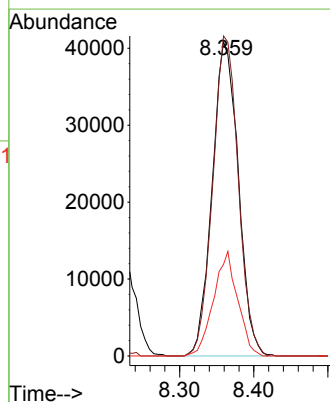
Tgt Ion: 117 Resp: 100067

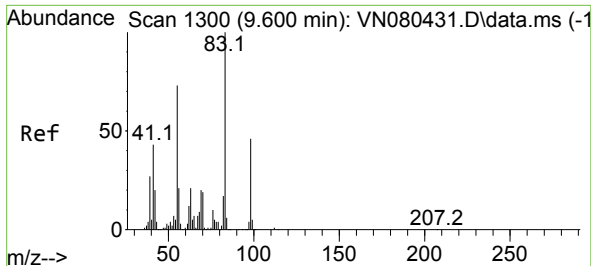
Ion Ratio Lower Upper

117 100

119 101.8 77.3 115.9

121 29.2 23.3 34.9





#39

Methylcyclohexane

Concen: 17.243 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

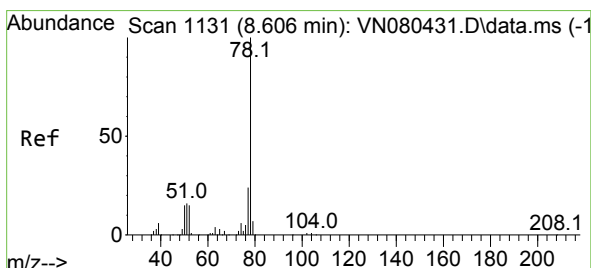
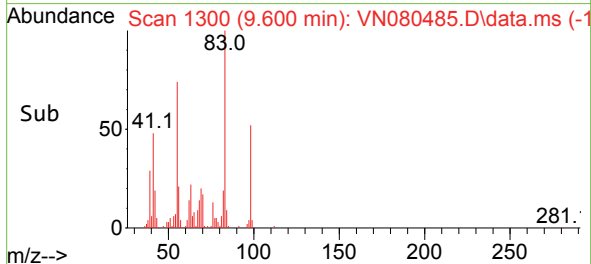
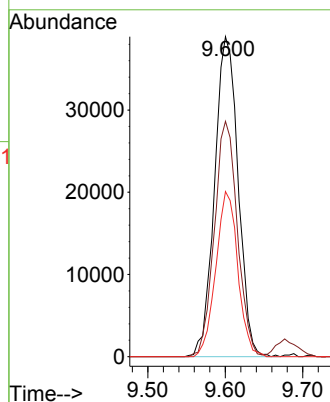
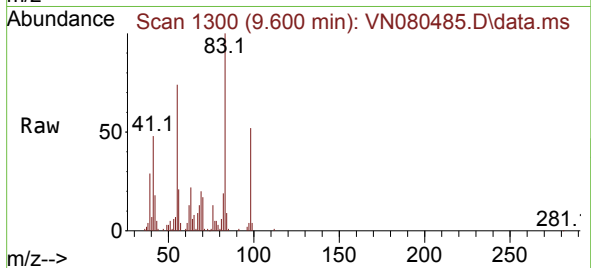
Tgt Ion: 83 Resp: 82187

Ion Ratio Lower Upper

83 100

55 73.6 49.1 73.7

98 51.6 40.6 61.0



#40

Benzene

Concen: 18.069 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080485.D

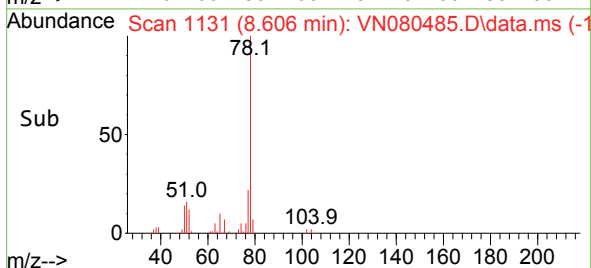
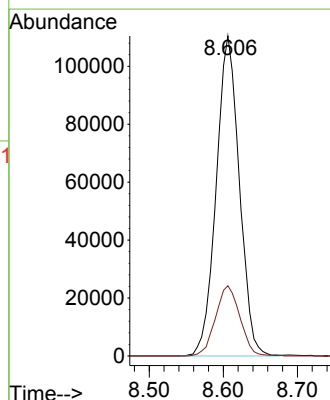
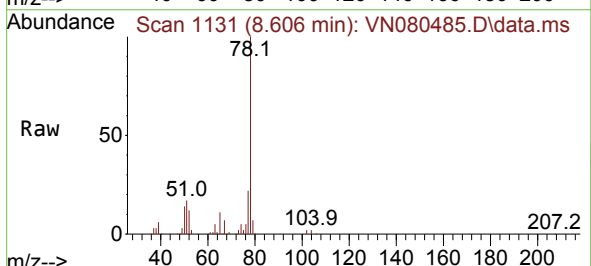
Acq: 14 Dec 2023 16:15

Tgt Ion: 78 Resp: 239403

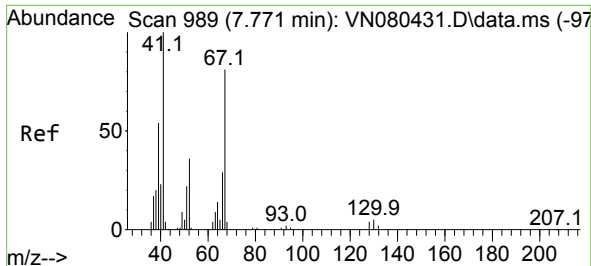
Ion Ratio Lower Upper

78 100

77 21.9 19.0 28.6

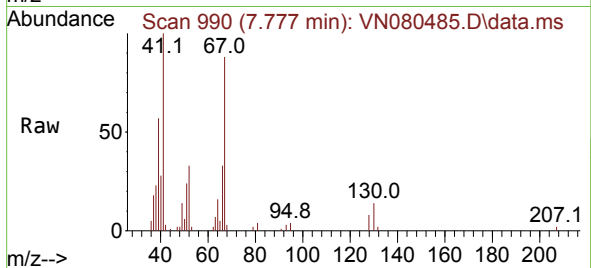




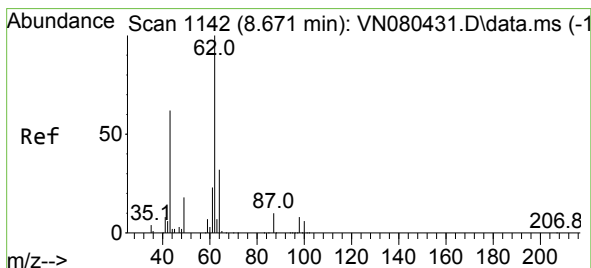
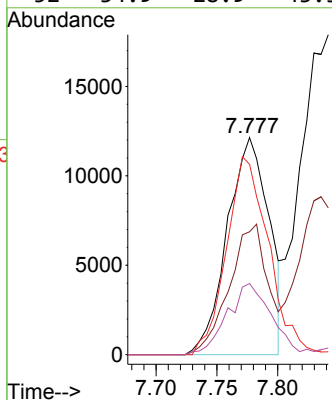
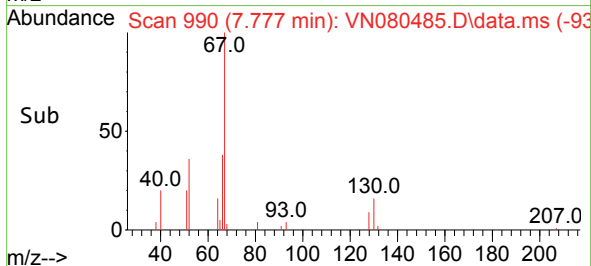


#41  
Methacrylonitrile  
Concen: 17.438 ug/l  
RT: 7.777 min Scan# 989  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :

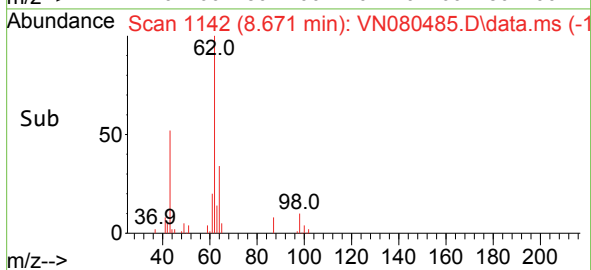
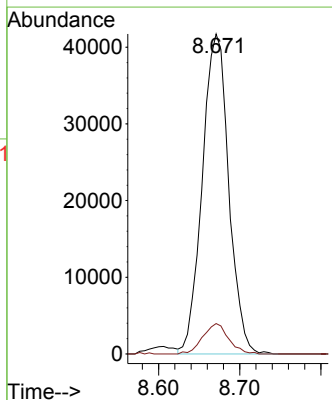
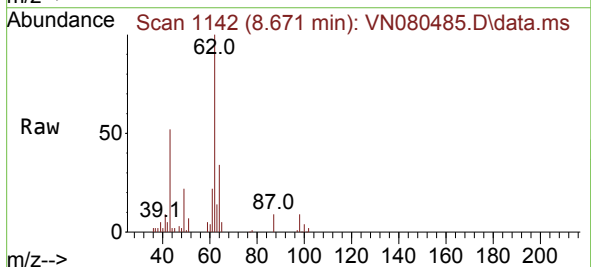


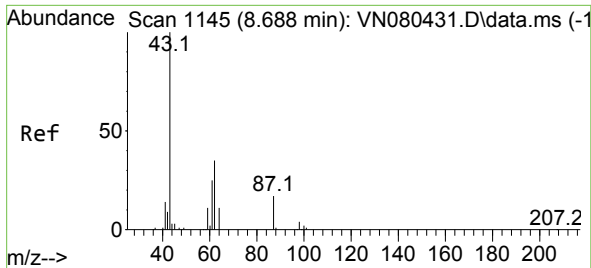
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 28884 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 55.5     | 42.6 64.0   |
| 67 92.2     | 77.5 116.3  |
| 52 34.9     | 28.9 43.3   |



#42  
1,2-Dichloroethane  
Concen: 19.279 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 94592 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 9.2      | 0.0 19.8    |

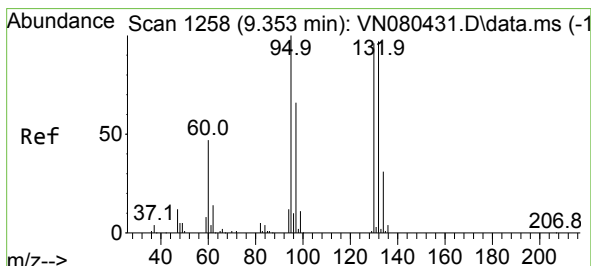
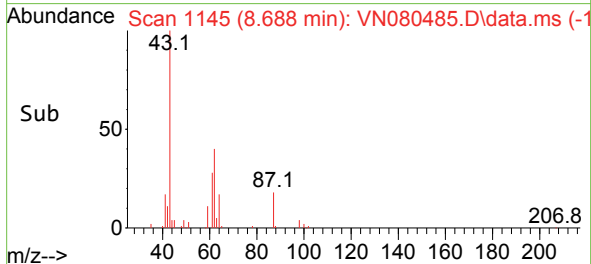
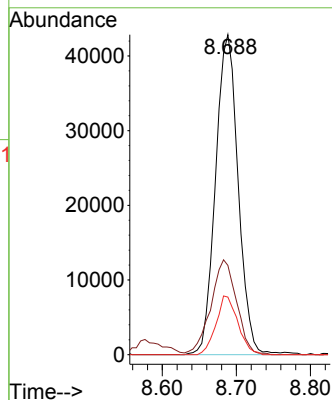
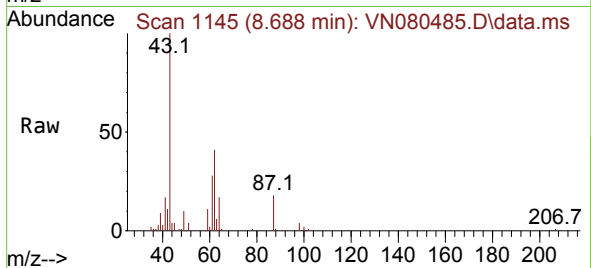




#43  
Isopropyl Acetate  
Concen: 17.586 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

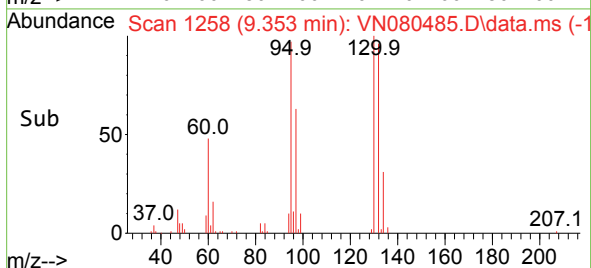
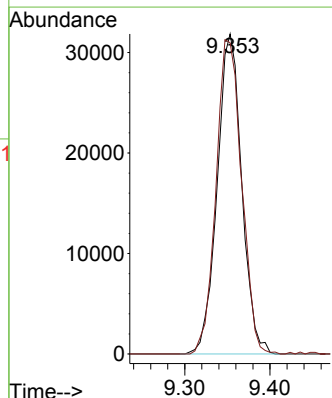
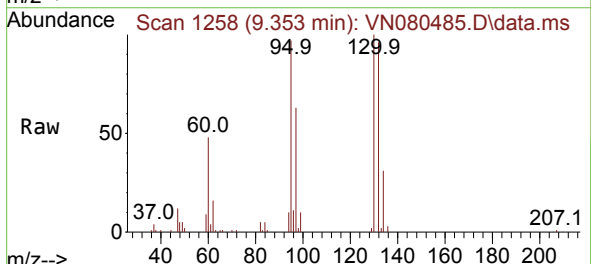
Instrument :  
MSVOA\_N  
ClientSampleId :

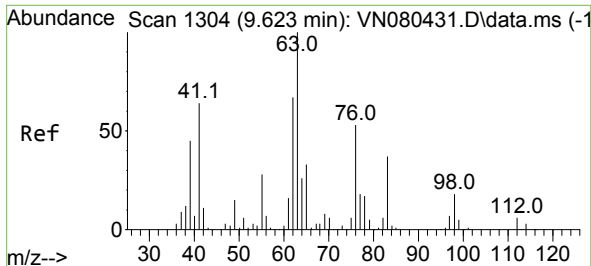
Tgt Ion: 43 Resp: 90849  
Ion Ratio Lower Upper  
43 100  
61 33.8 24.7 37.1  
87 17.7 14.6 21.8



#44  
Trichloroethene  
Concen: 17.828 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:130 Resp: 63677  
Ion Ratio Lower Upper  
130 100  
95 97.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.386 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

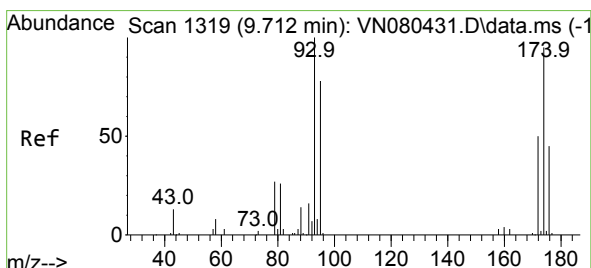
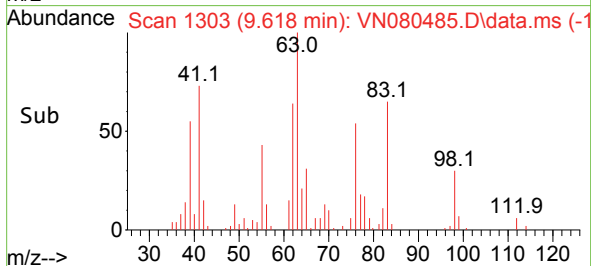
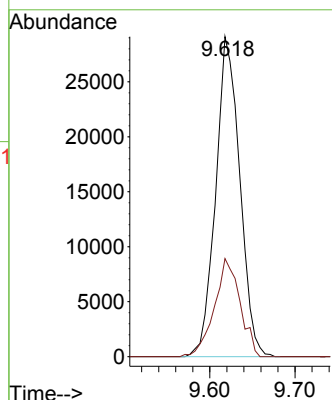
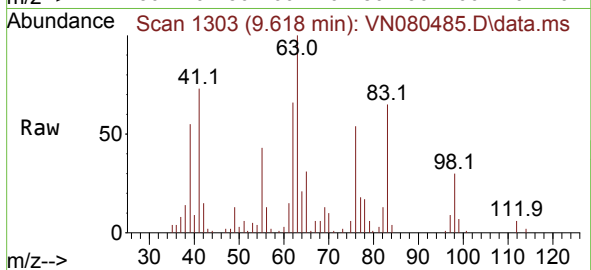
ClientSampleId :

Tgt Ion: 63 Resp: 57214

Ion Ratio Lower Upper

63 100

65 30.7 23.9 35.9



#46

Dibromomethane

Concen: 18.534 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

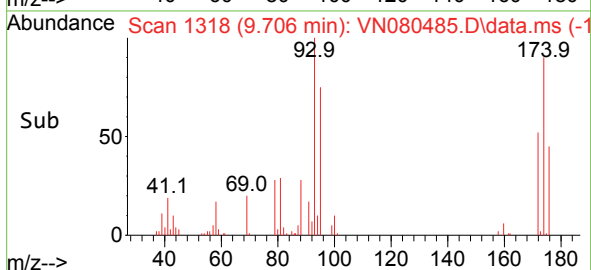
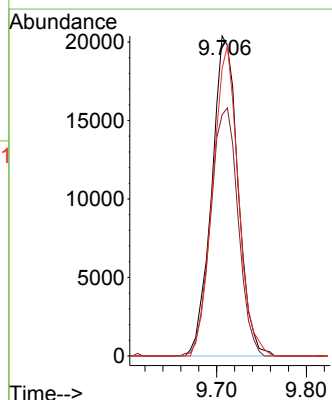
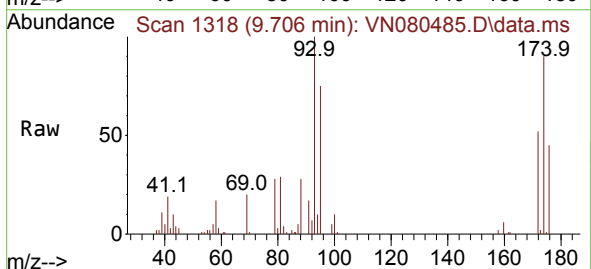
Tgt Ion: 93 Resp: 41419

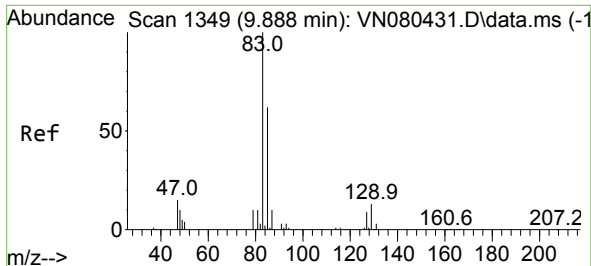
Ion Ratio Lower Upper

93 100

95 81.0 63.8 95.8

174 94.2 65.6 98.4

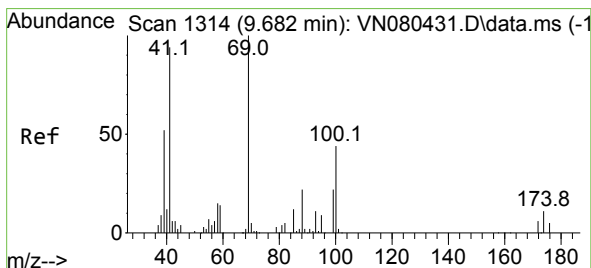
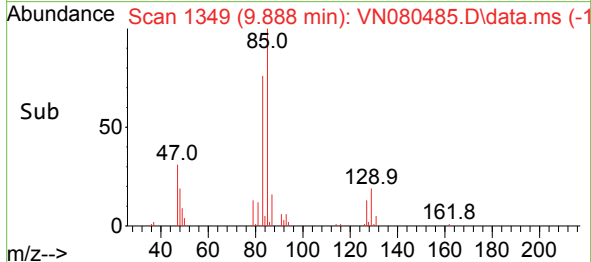
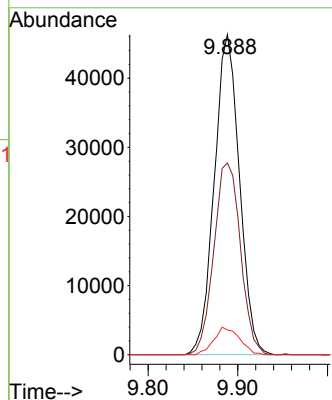
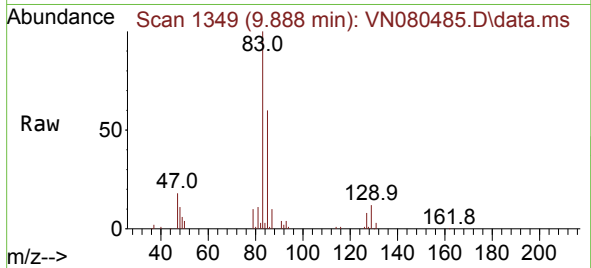




#47  
Bromodichloromethane  
Concen: 18.825 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

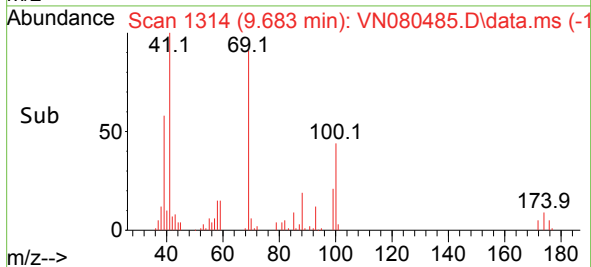
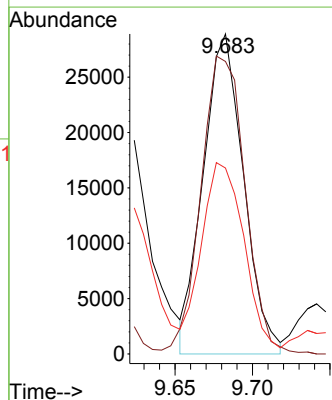
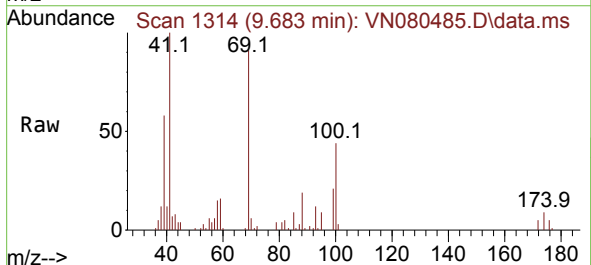
Instrument :  
MSVOA\_N  
ClientSampleId :

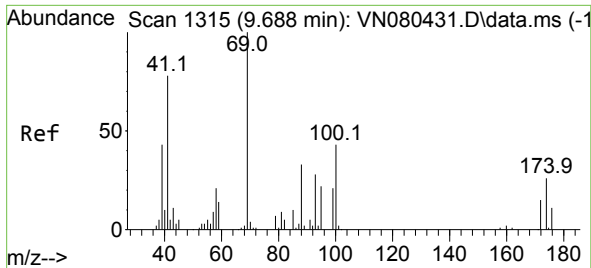
Tgt Ion: 83 Resp: 90161  
Ion Ratio Lower Upper  
83 100  
85 59.9 49.6 74.4  
127 7.7 7.0 10.6



#48  
Methyl methacrylate  
Concen: 16.982 ug/l  
RT: 9.683 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 41 Resp: 52353  
Ion Ratio Lower Upper  
41 100  
69 101.7 90.4 135.6  
39 63.6 54.6 81.8

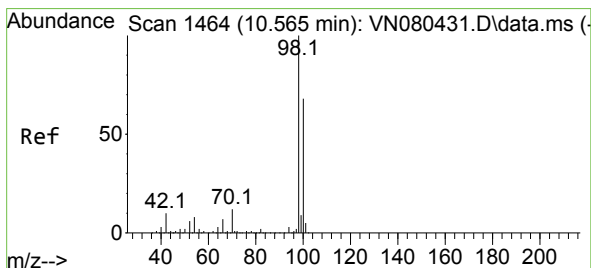
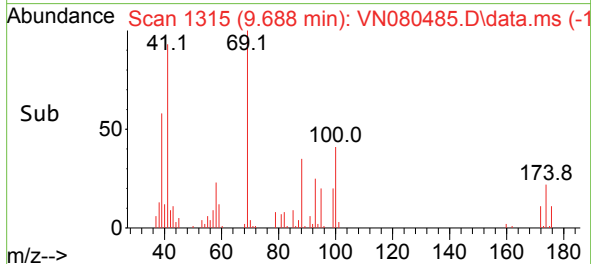
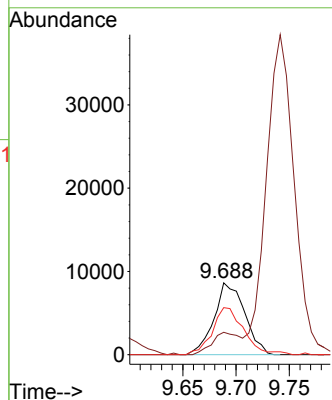
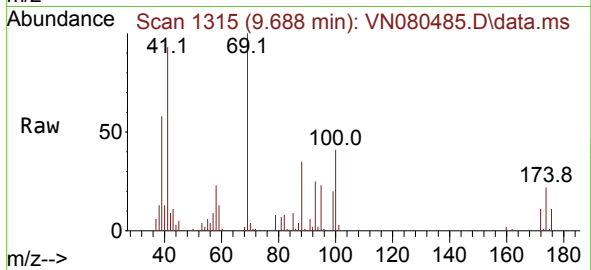




#49  
1,4-Dioxane  
Concen: 370.206 ug/l  
RT: 9.688 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

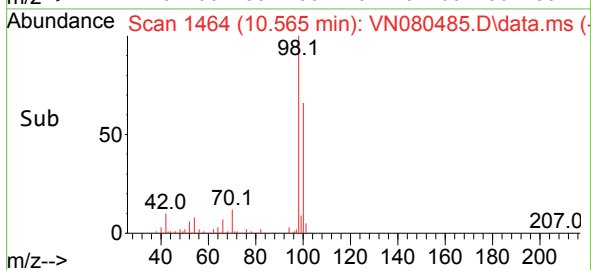
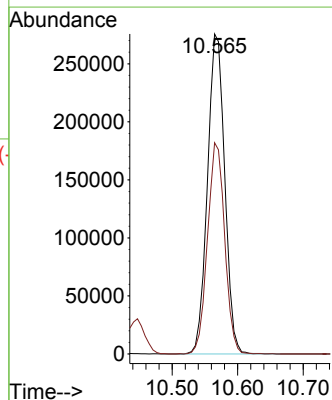
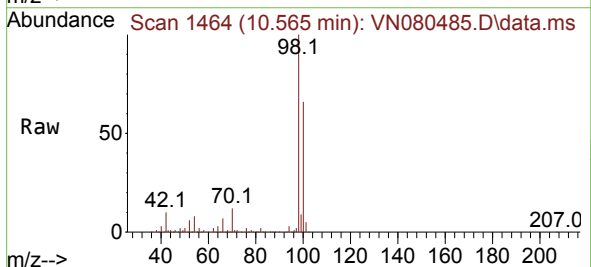
Instrument :  
MSVOA\_N  
ClientSampleId :

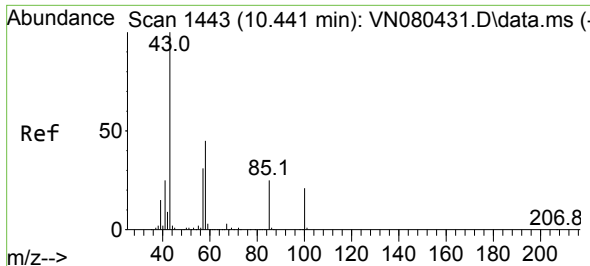
Tgt Ion: 88 Resp: 17299  
Ion Ratio Lower Upper  
88 100  
43 28.7 17.0 25.6#  
58 67.0 47.0 70.4



#50  
Toluene-d8  
Concen: 48.242 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 98 Resp: 504877  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.0 78.0

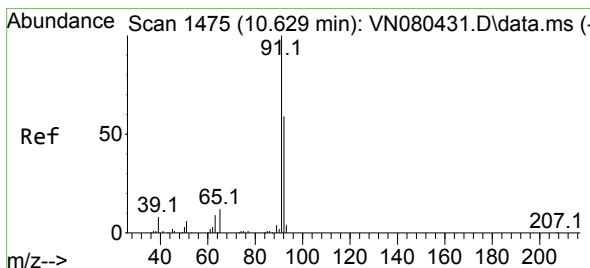
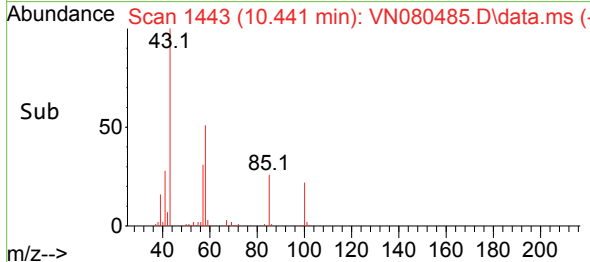
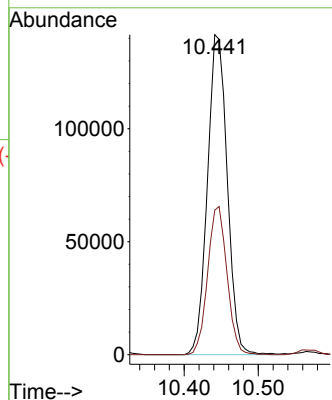
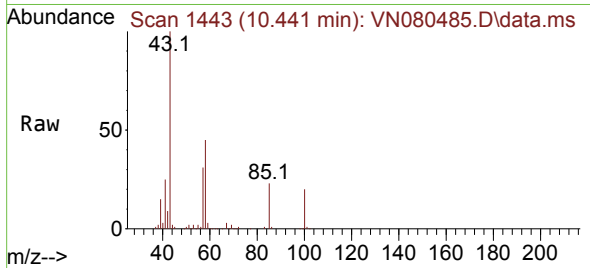




#51  
4-Methyl-2-Pentanone  
Concen: 92.523 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

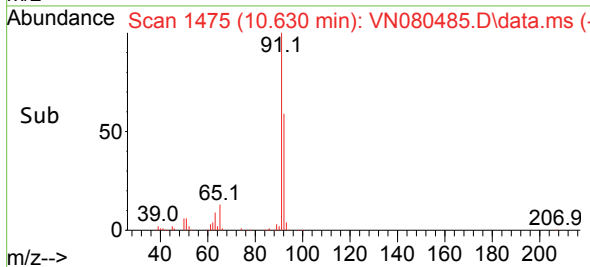
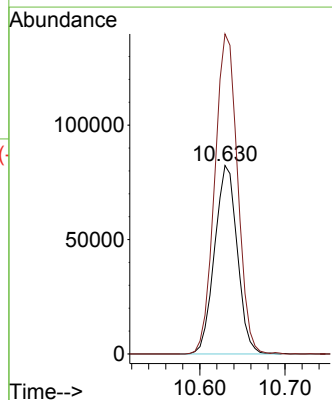
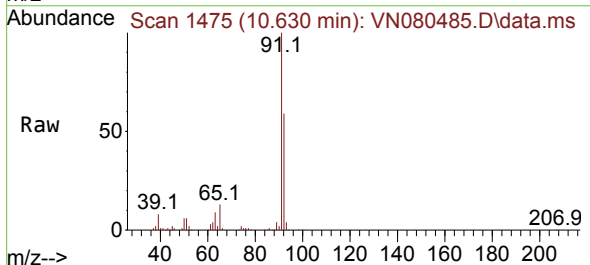
Instrument :  
MSVOA\_N  
ClientSampleId :

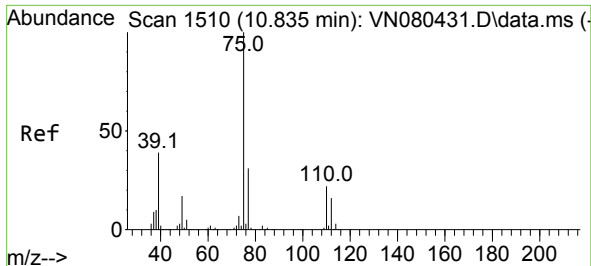
Tgt Ion: 43 Resp: 263243  
Ion Ratio Lower Upper  
43 100  
58 45.2 36.6 54.8



#52  
Toluene  
Concen: 18.199 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 92 Resp: 152322  
Ion Ratio Lower Upper  
92 100  
91 171.3 137.4 206.0

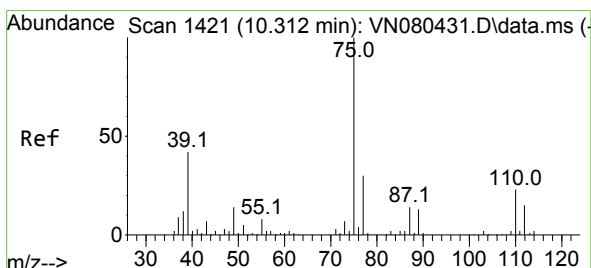
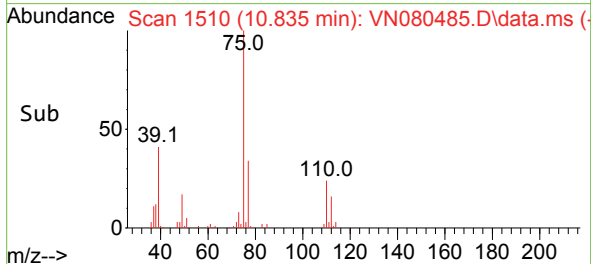
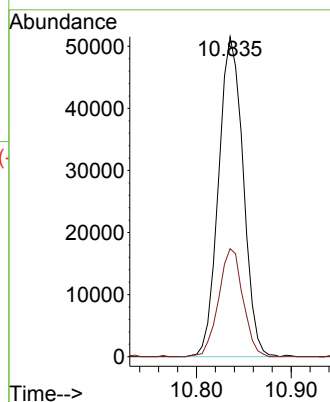
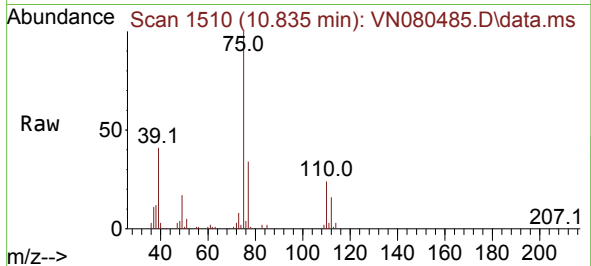




#53  
 t-1,3-Dichloropropene  
 Concen: 17.962 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

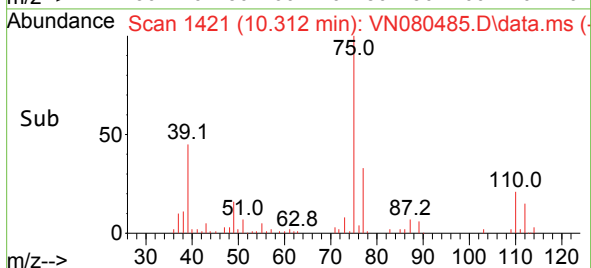
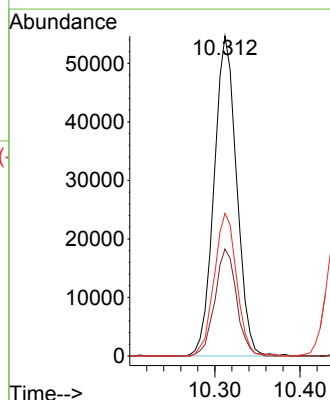
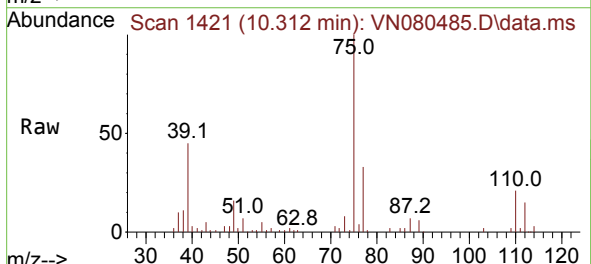
Instrument :  
 MSVOA\_N  
 ClientSampleId :

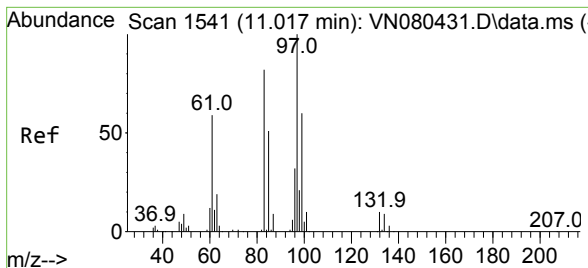
Tgt Ion: 75 Resp: 93078  
 Ion Ratio Lower Upper  
 75 100  
 77 33.8 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.148 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

Tgt Ion: 75 Resp: 100515  
 Ion Ratio Lower Upper  
 75 100  
 77 33.5 26.1 39.1  
 39 44.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 18.734 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

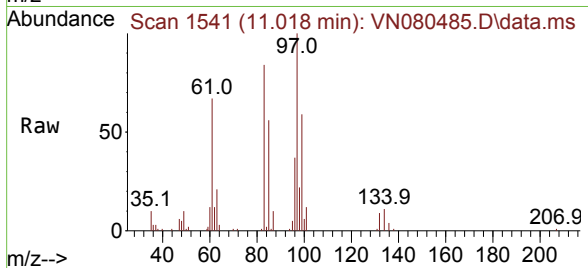
Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 56420

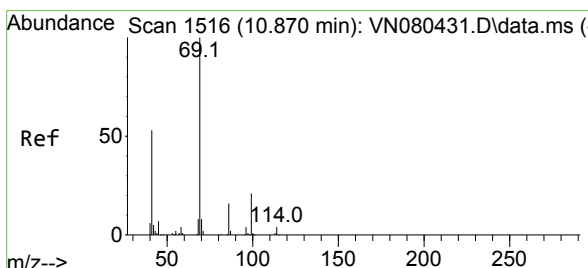
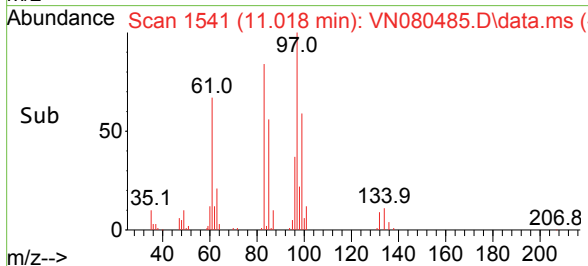
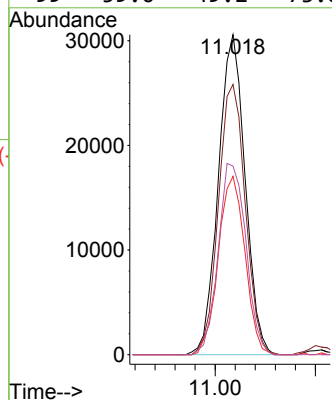
Ion Ratio Lower Upper

97 100

83 84.5 65.1 97.7

85 55.8 43.4 65.2

99 59.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 16.973 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

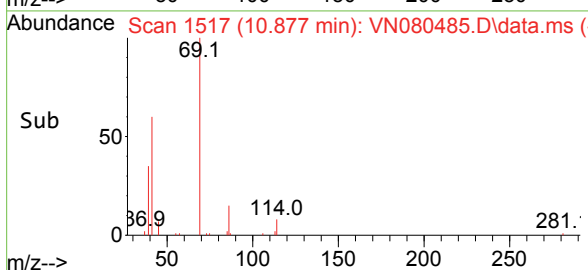
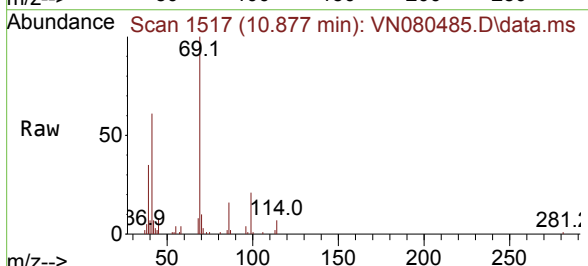
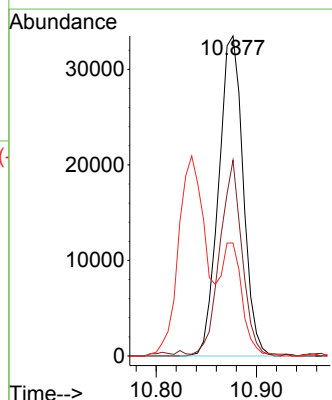
Tgt Ion: 69 Resp: 56596

Ion Ratio Lower Upper

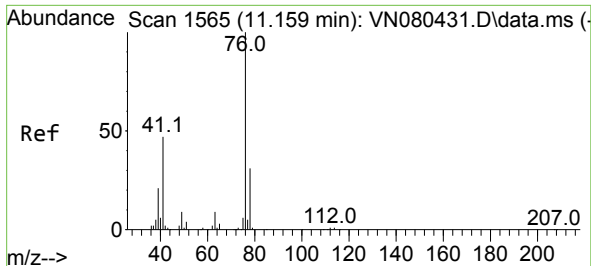
69 100

41 56.1 39.6 59.4

39 30.3 28.6 43.0







#57

1,3-Dichloropropane

Concen: 18.542 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

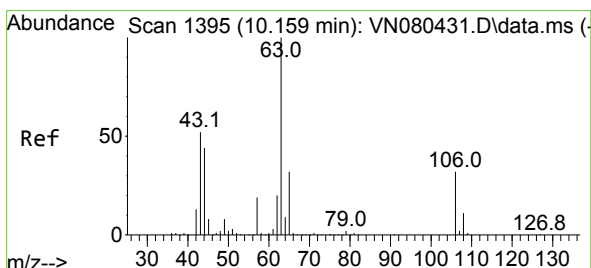
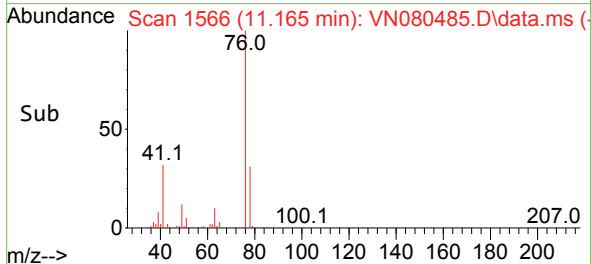
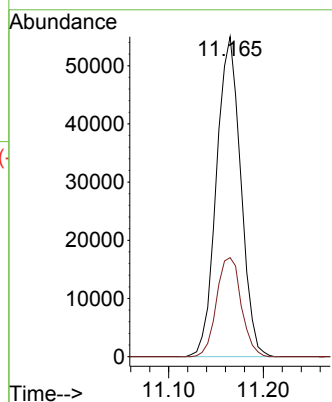
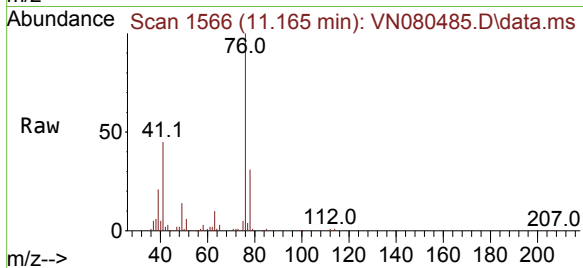
ClientSampleId :

Tgt Ion: 76 Resp: 97891

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 83.238 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080485.D

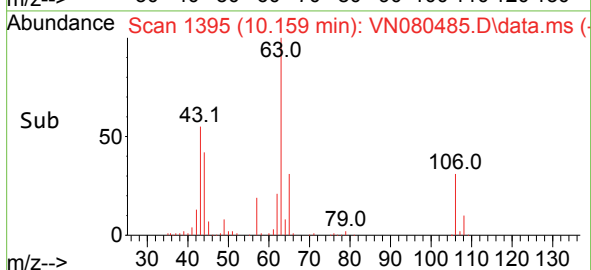
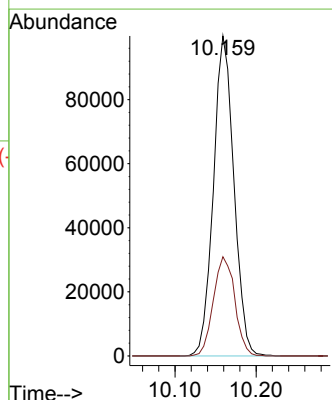
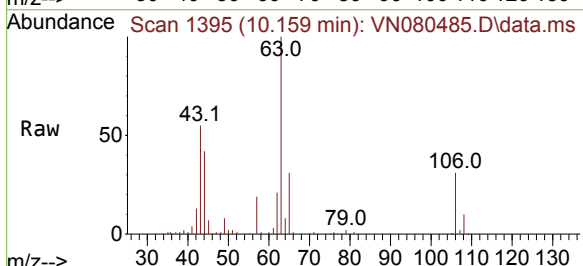
Acq: 14 Dec 2023 16:15

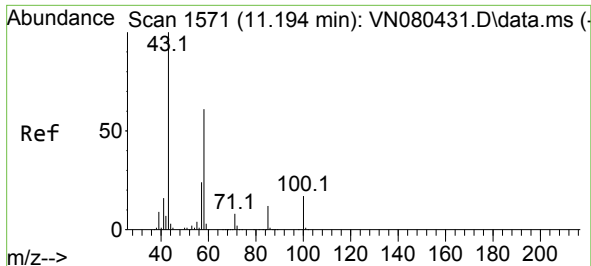
Tgt Ion: 63 Resp: 175215

Ion Ratio Lower Upper

63 100

106 32.4 26.2 39.4

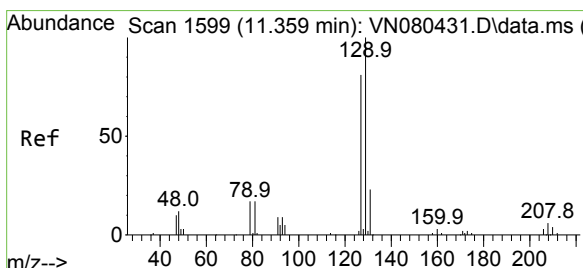
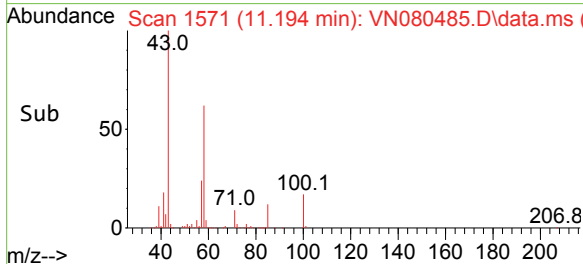
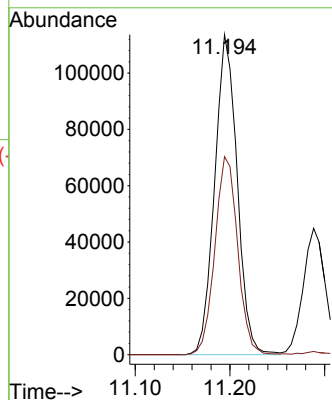
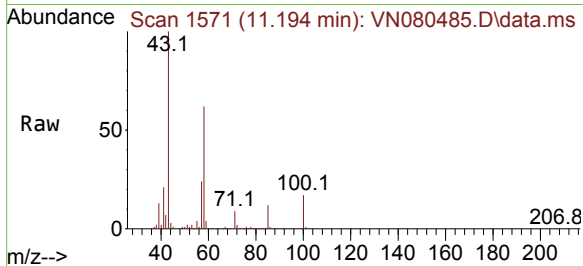




#59  
2-Hexanone  
Concen: 89.467 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

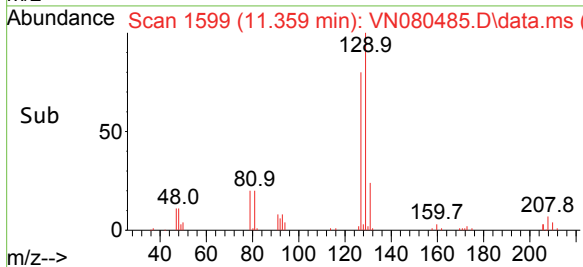
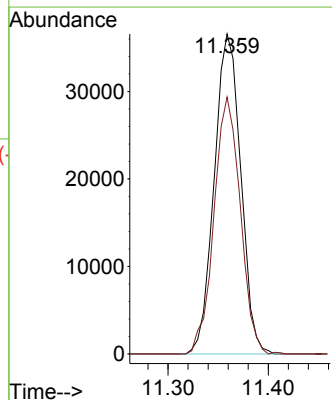
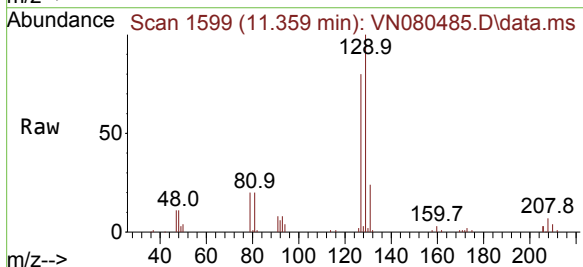
Instrument :  
MSVOA\_N  
ClientSampleId :

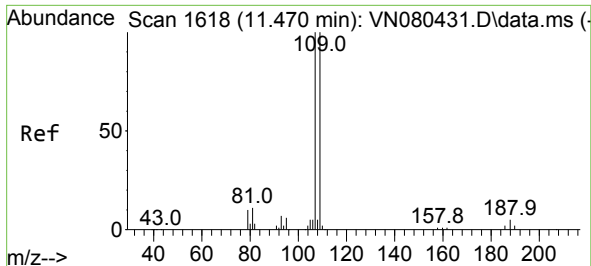
Tgt Ion: 43 Resp: 187919  
Ion Ratio Lower Upper  
43 100  
58 62.7 31.7 95.1



#60  
Dibromochloromethane  
Concen: 18.824 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 129 Resp: 67179  
Ion Ratio Lower Upper  
129 100  
127 79.8 38.6 116.0

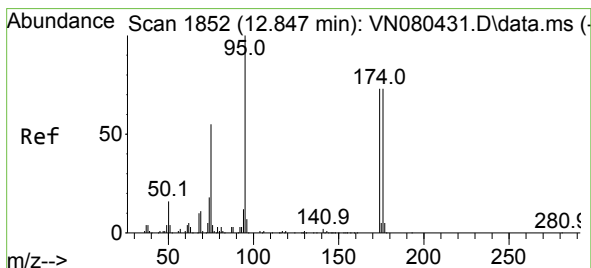
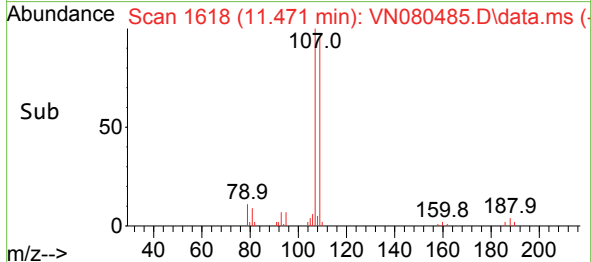
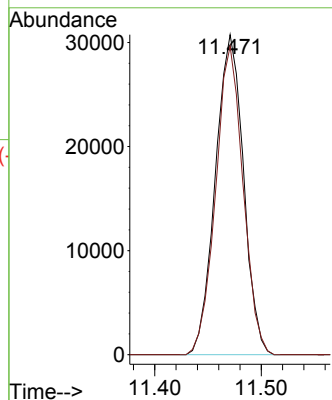
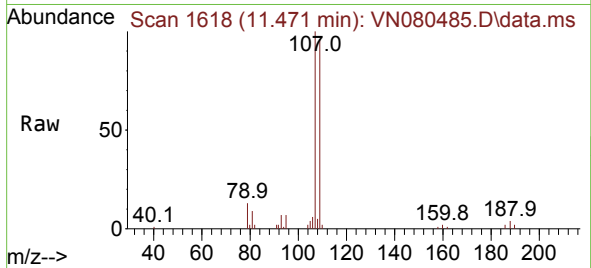




#61  
1,2-Dibromoethane  
Concen: 18.059 ug/l  
RT: 11.471 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

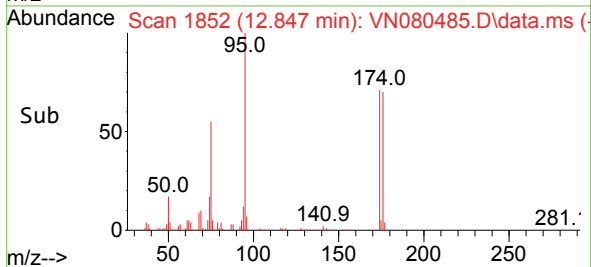
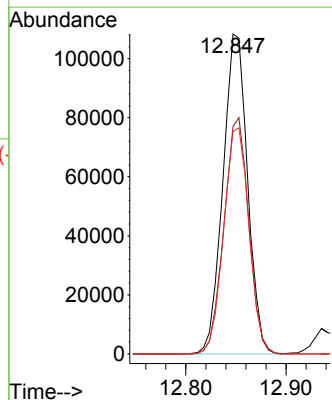
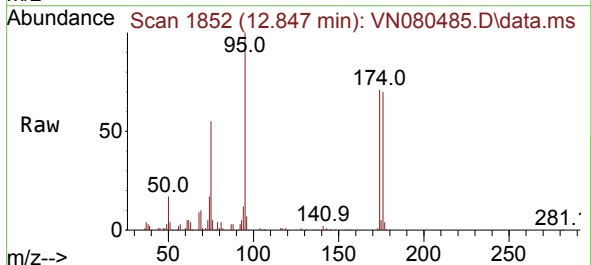
Instrument :  
MSVOA\_N  
ClientSampleId :

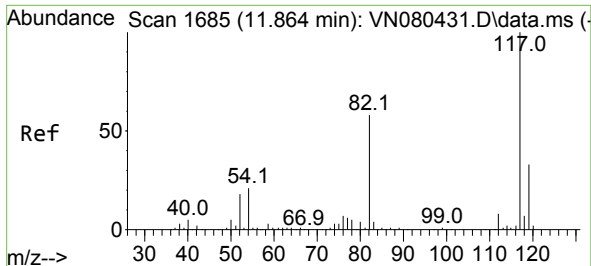
Tgt Ion:107 Resp: 56290  
Ion Ratio Lower Upper  
107 100  
109 94.1 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 46.525 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 95 Resp: 184893  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.0 143.8  
176 72.5 0.0 135.8

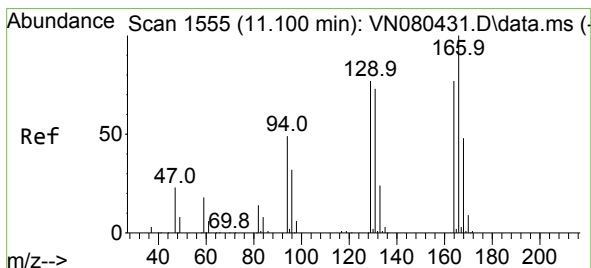
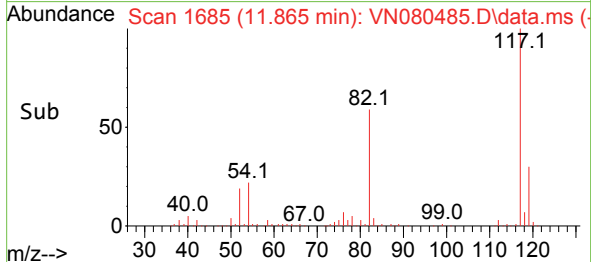
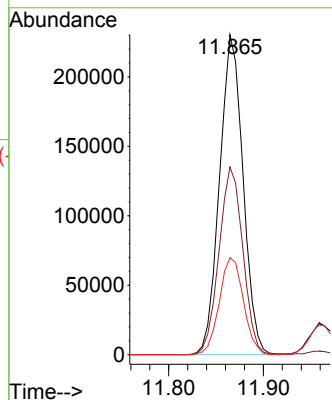
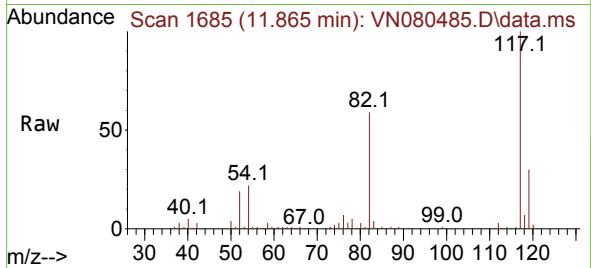




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

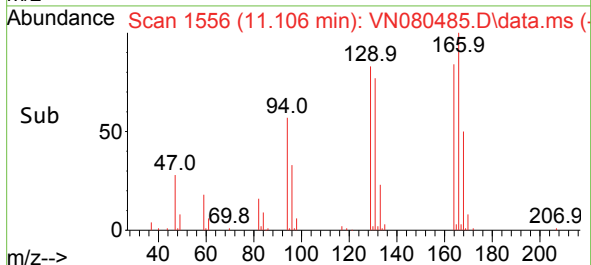
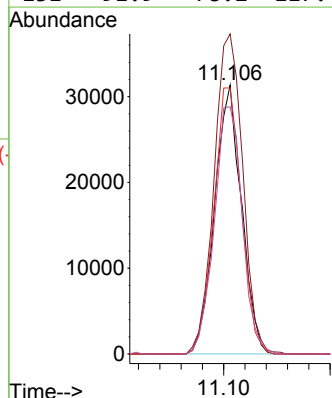
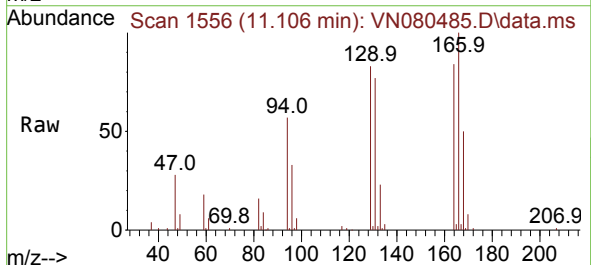
Instrument :  
MSVOA\_N  
ClientSampleId :

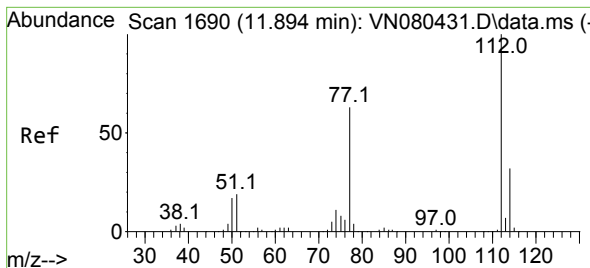
Tgt Ion:117 Resp: 396958  
Ion Ratio Lower Upper  
117 100  
82 58.6 44.0 66.0  
119 30.3 25.6 38.4



#64  
Tetrachloroethene  
Concen: 17.888 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:164 Resp: 54824  
Ion Ratio Lower Upper  
164 100  
166 119.0 101.4 152.0  
129 99.0 82.4 123.6  
131 91.9 78.2 117.4





#65

Chlorobenzene

Concen: 17.829 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

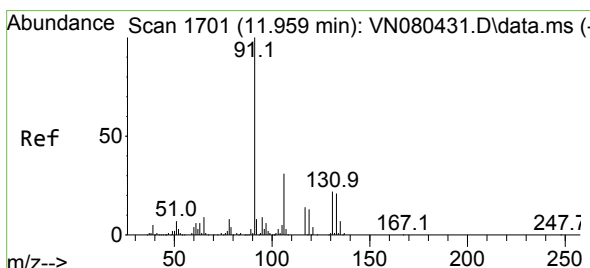
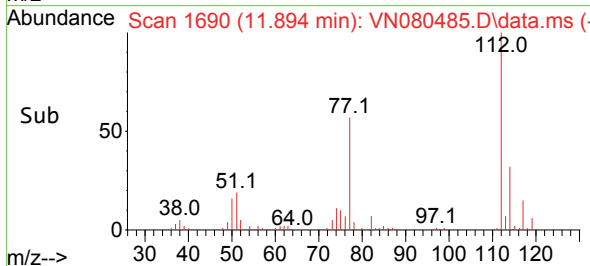
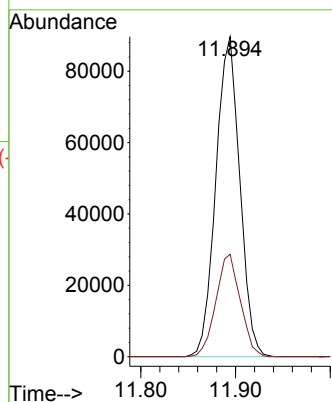
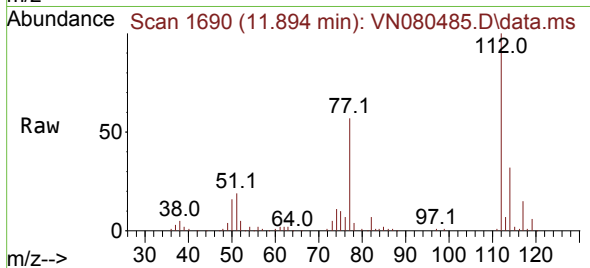
ClientSampleId :

Tgt Ion:112 Resp: 157439

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 17.619 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

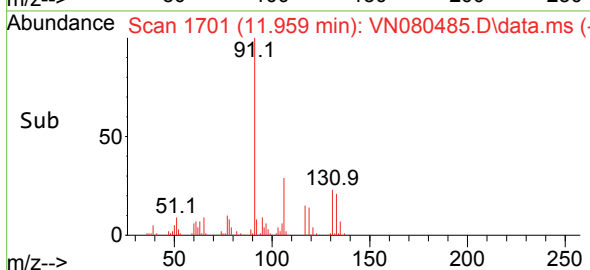
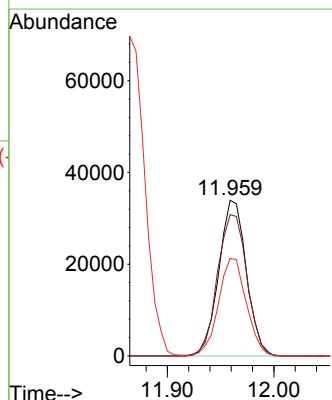
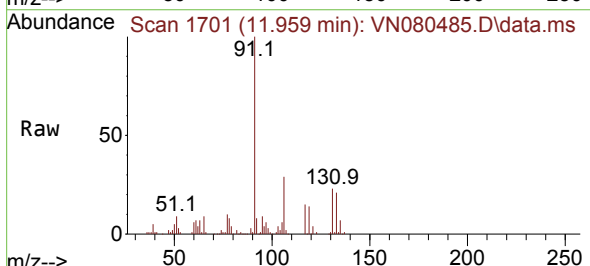
Tgt Ion:131 Resp: 61047

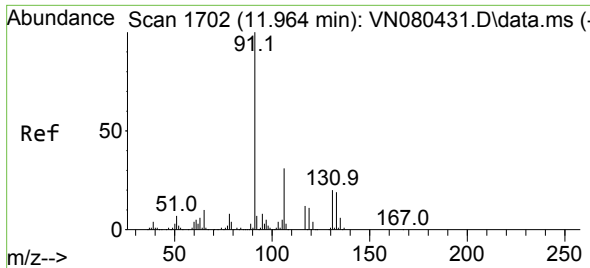
Ion Ratio Lower Upper

131 100

133 96.3 46.4 139.1

119 63.4 34.1 102.2

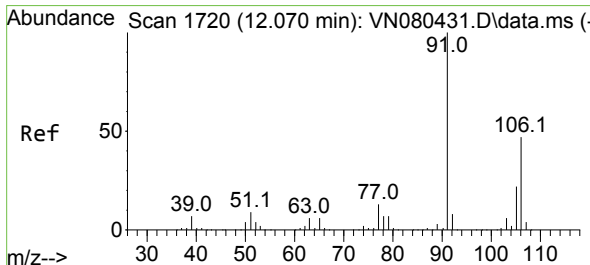
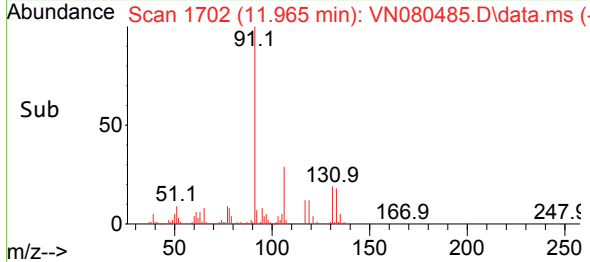
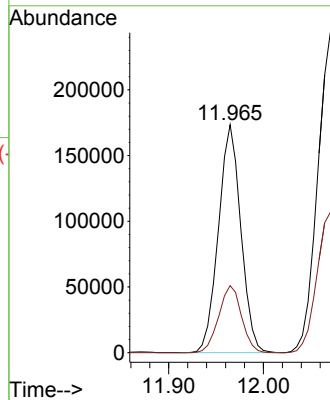
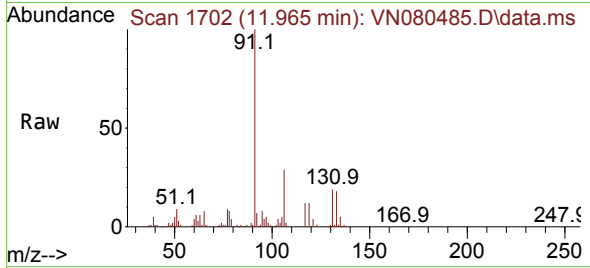




#67  
Ethyl Benzene  
Concen: 17.581 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

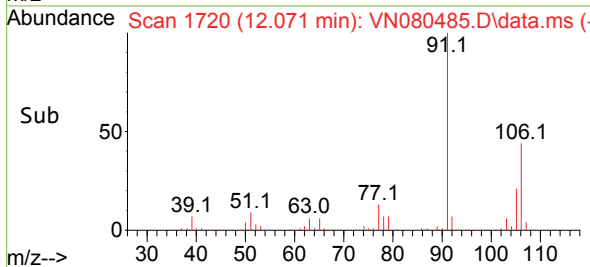
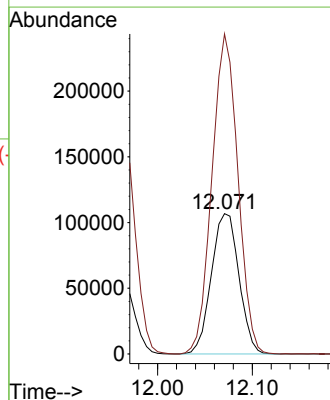
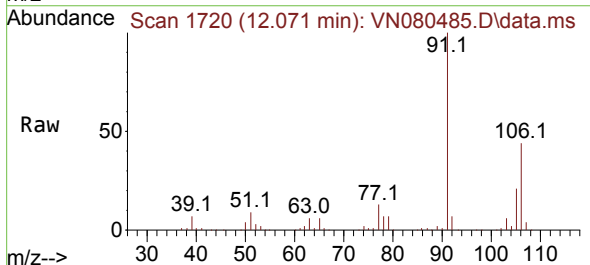
Instrument :  
MSVOA\_N  
ClientSampleId :

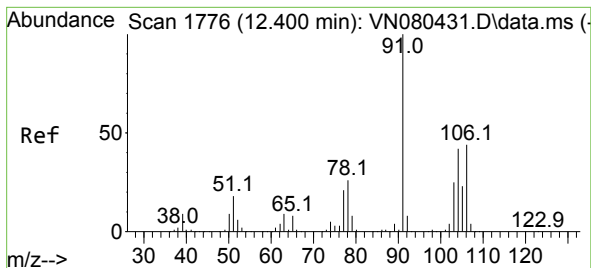
Tgt Ion: 91 Resp: 285468  
Ion Ratio Lower Upper  
91 100  
106 29.4 25.6 38.4



#68  
m/p-Xylenes  
Concen: 36.036 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:106 Resp: 216210  
Ion Ratio Lower Upper  
106 100  
91 214.7 159.6 239.4





#69

o-Xylene

Concen: 17.411 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

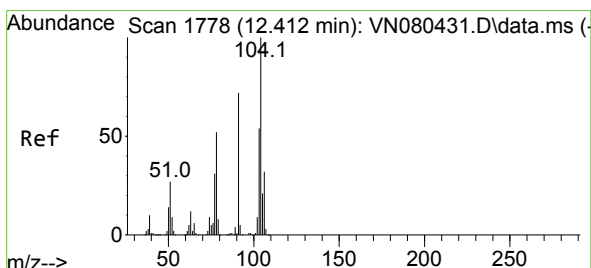
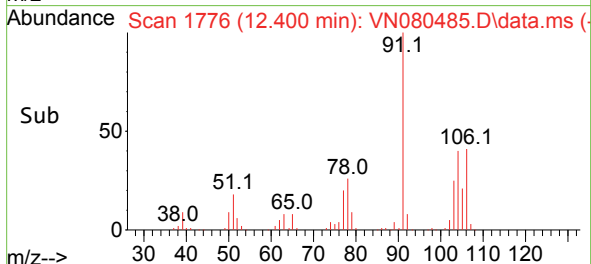
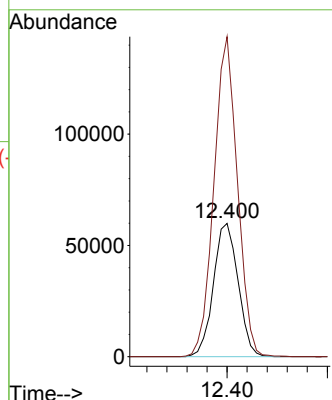
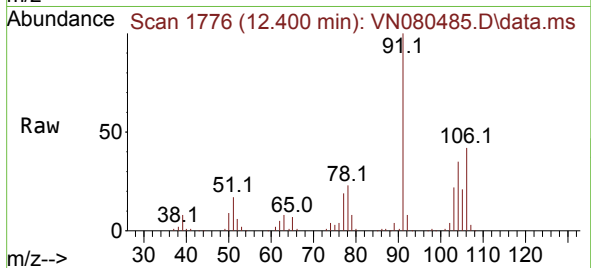
ClientSampleId :

Tgt Ion:106 Resp: 102180

Ion Ratio Lower Upper

106 100

91 228.9 105.2 315.5



#70

Styrene

Concen: 18.076 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

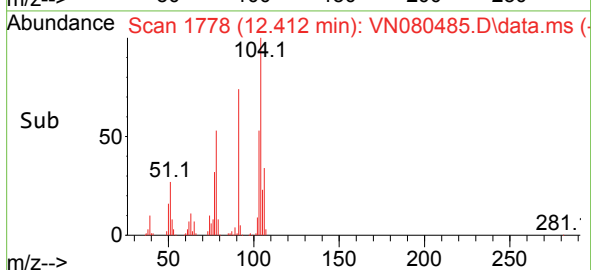
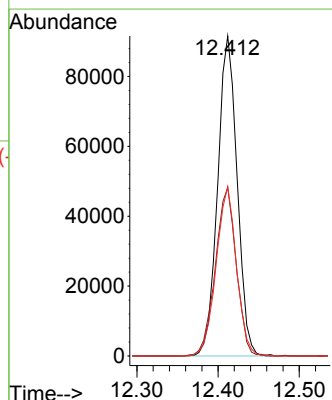
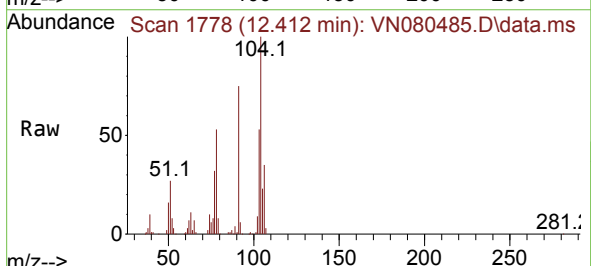
Tgt Ion:104 Resp: 152805

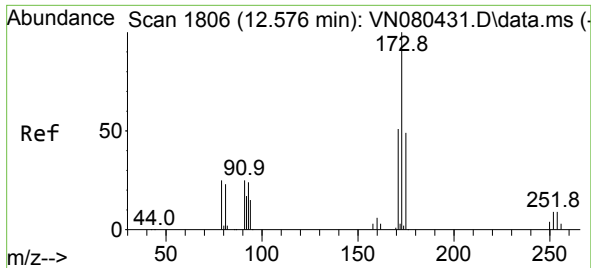
Ion Ratio Lower Upper

104 100

78 56.5 39.5 59.3

103 55.1 43.2 64.8

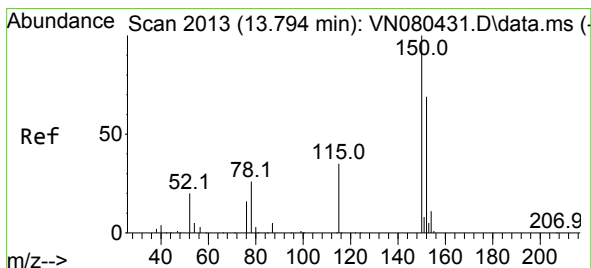
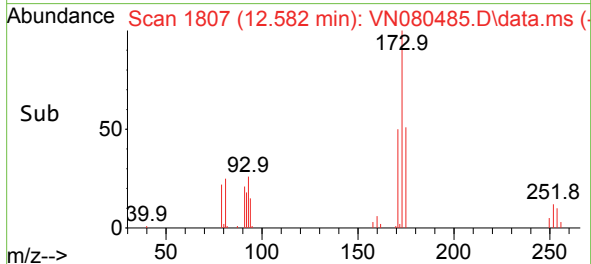
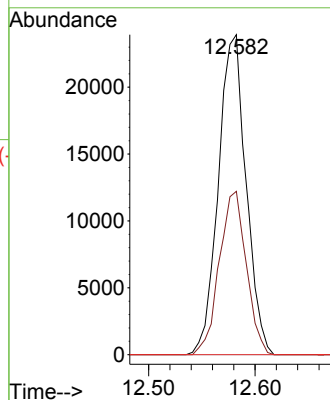
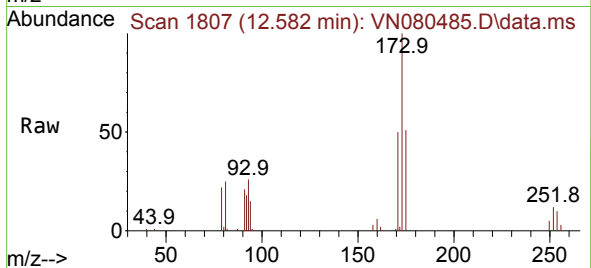




#71  
Bromoform  
Concen: 17.097 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

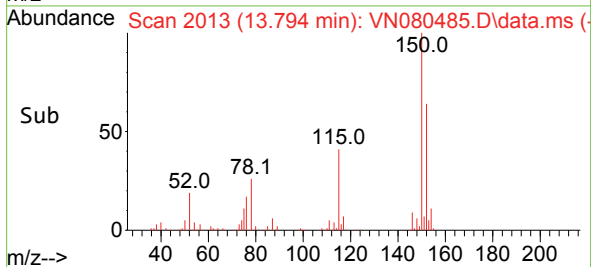
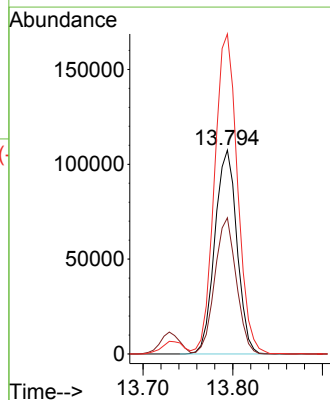
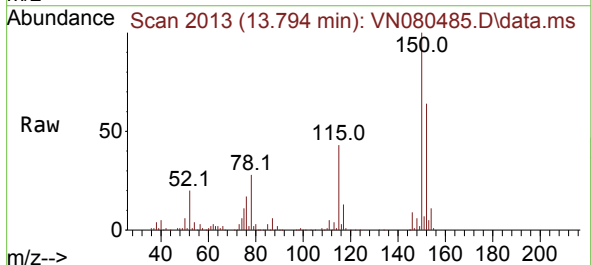
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 43201  
Ion Ratio Lower Upper  
173 100  
175 49.8 24.3 73.0  
254 0.0 0.0 0.0

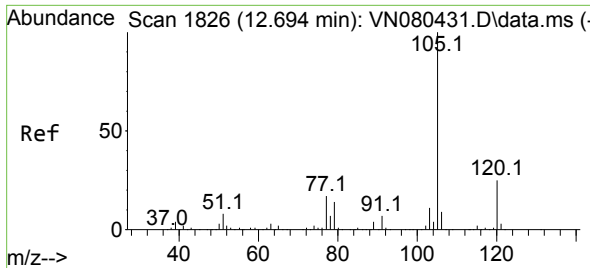


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:152 Resp: 183731  
Ion Ratio Lower Upper  
152 100  
115 65.2 32.3 96.8  
150 162.9 0.0 355.8



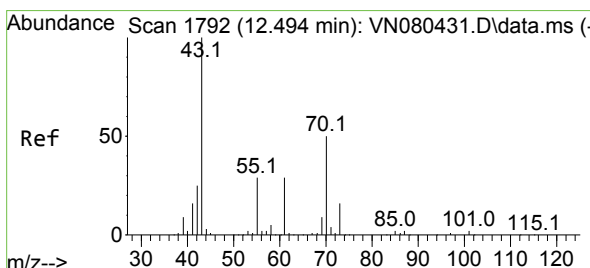
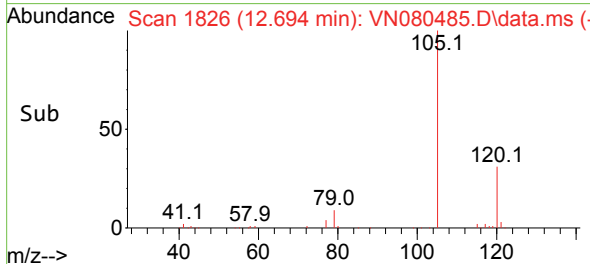
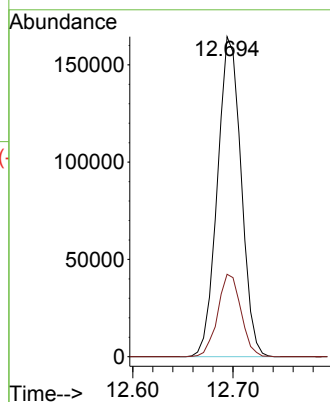
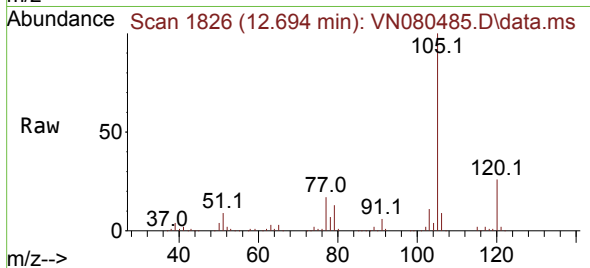




#73  
Isopropylbenzene  
Concen: 18.305 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

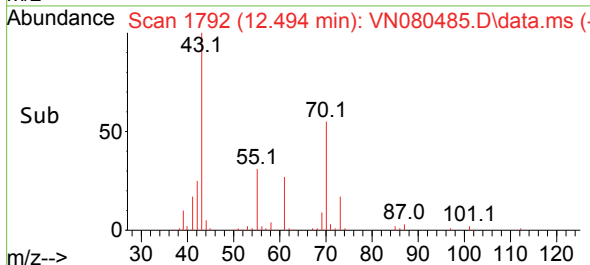
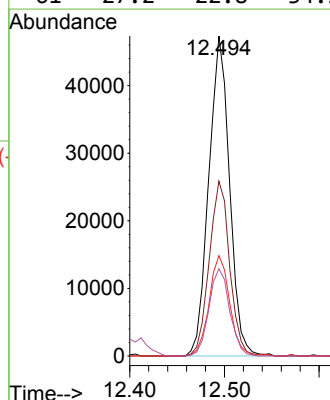
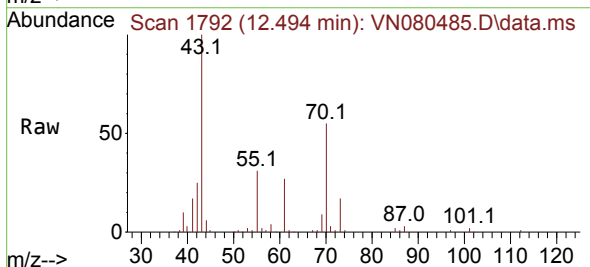
Instrument :  
MSVOA\_N  
ClientSampleId :

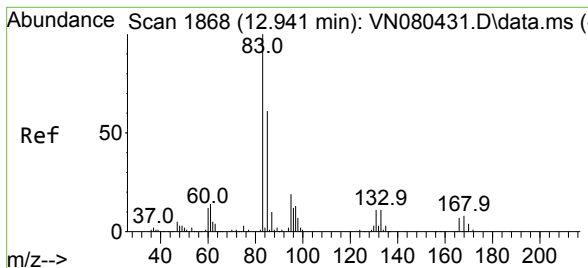
Tgt Ion:105 Resp: 270177  
Ion Ratio Lower Upper  
105 100  
120 25.2 13.1 39.1



#74  
N-ethyl acetate  
Concen: 16.723 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 43 Resp: 72078  
Ion Ratio Lower Upper  
43 100  
70 53.8 43.4 65.2  
55 31.3 21.4 32.0  
61 27.2 22.8 34.2

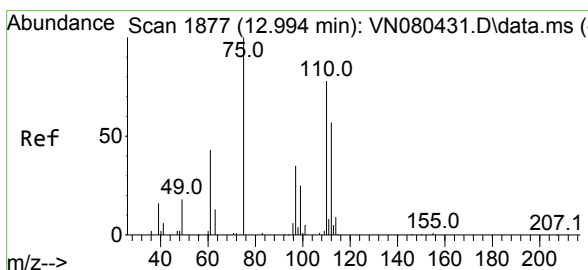
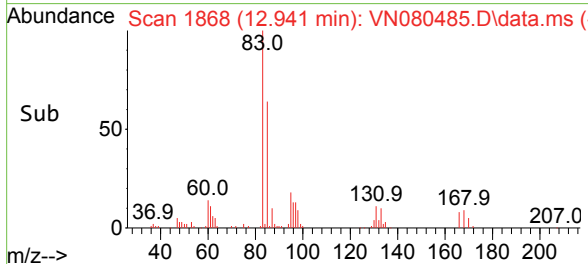
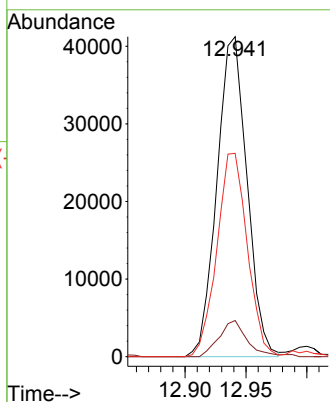
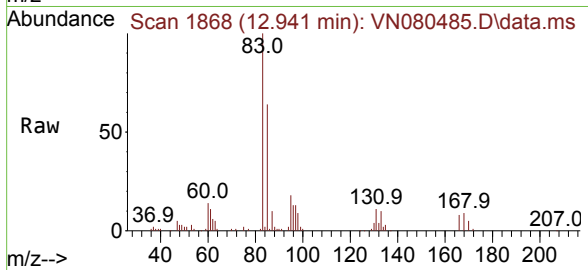




#75  
 1,1,2-Tetrachloroethane  
 Concen: 17.924 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

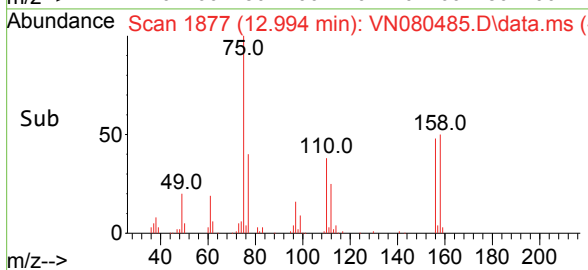
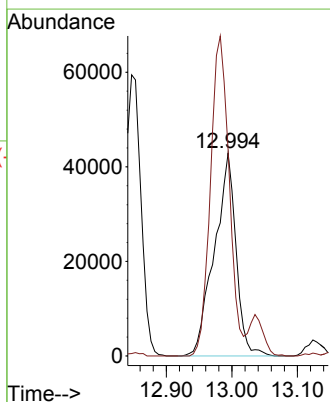
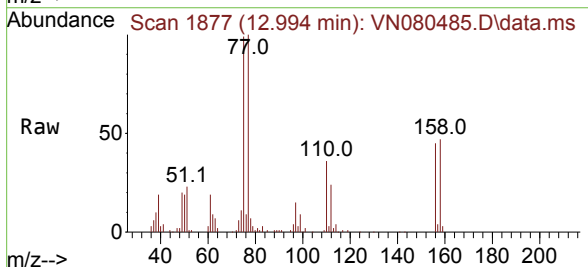
Instrument :  
 MSVOA\_N  
 ClientSampleId :

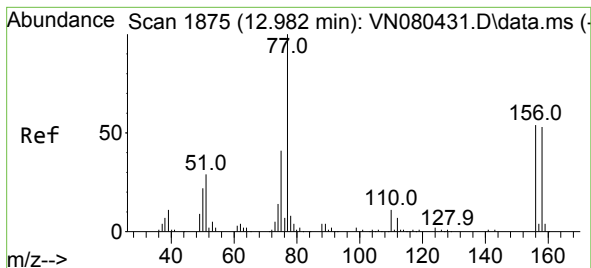
Tgt Ion: 83 Resp: 70890  
 Ion Ratio Lower Upper  
 83 100  
 131 10.7 5.0 15.0  
 85 64.2 31.9 95.7



#76  
 1,2,3-Trichloropropane  
 Concen: 26.770 ug/l  
 RT: 12.994 min Scan# 1877  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

Tgt Ion: 75 Resp: 98123  
 Ion Ratio Lower Upper  
 75 100  
 77 136.5 84.5 253.5





#77

Bromobenzene

Concen: 18.069 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080485.D

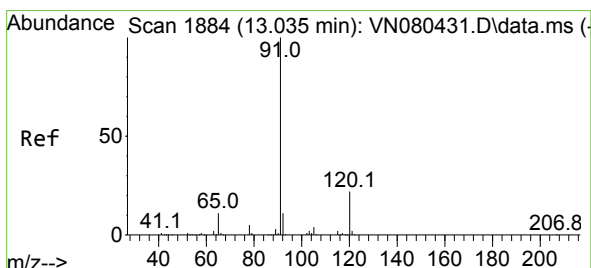
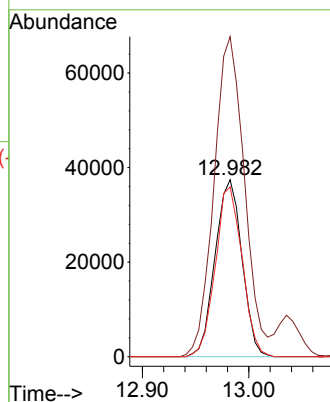
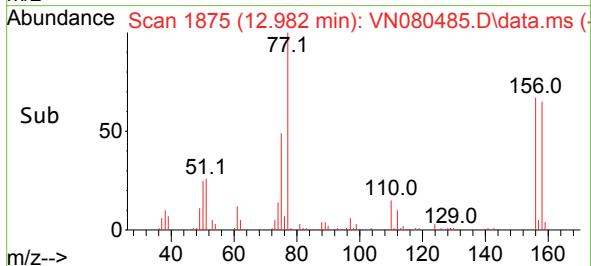
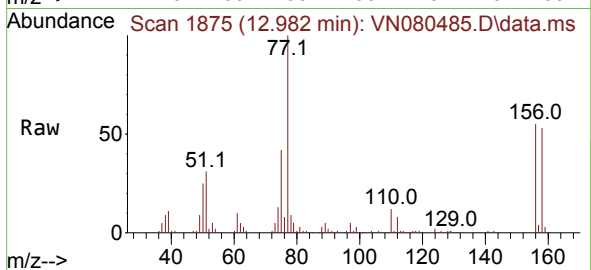
Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 65605 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 204.2 | 107.7 | 323.3 |
| 158       | 95.7  | 48.4  | 145.3 |



#78

n-propylbenzene

Concen: 18.270 ug/l

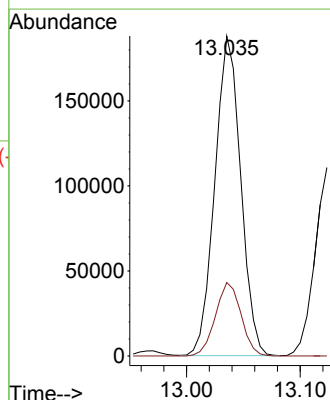
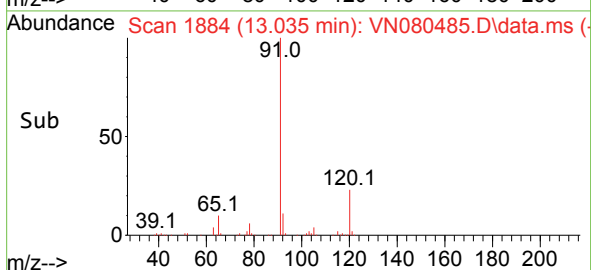
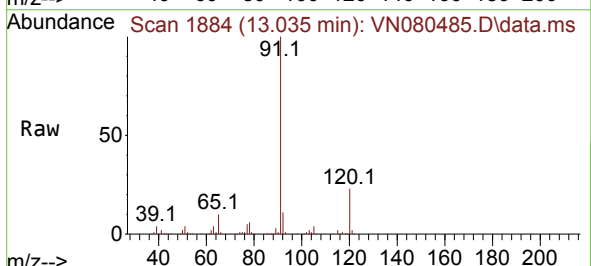
RT: 13.035 min Scan# 1884

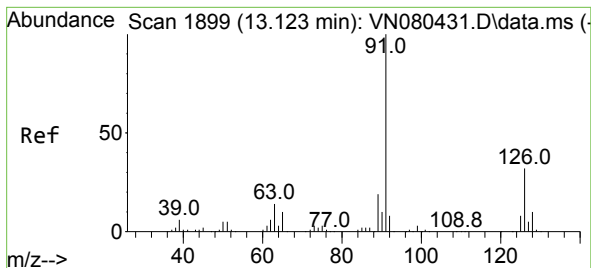
Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 297310 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.7  | 11.5  | 34.4   |





#79

2-Chlorotoluene

Concen: 18.390 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

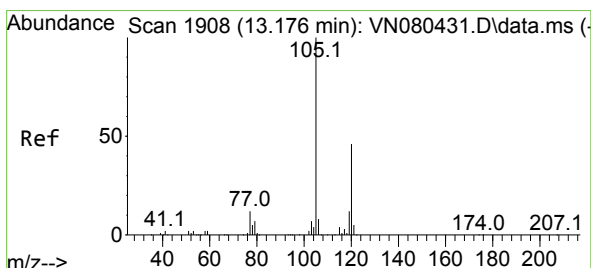
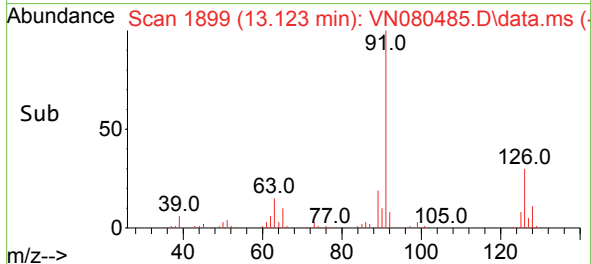
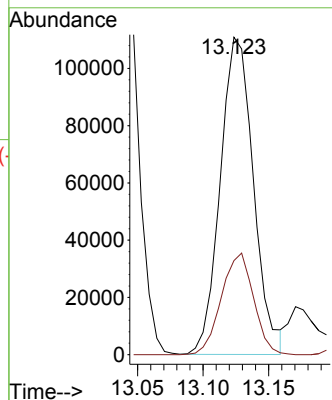
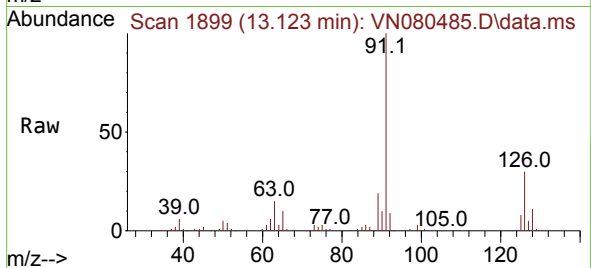
ClientSampleId :

Tgt Ion: 91 Resp: 195378

Ion Ratio Lower Upper

91 100

126 31.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 18.386 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN080485.D

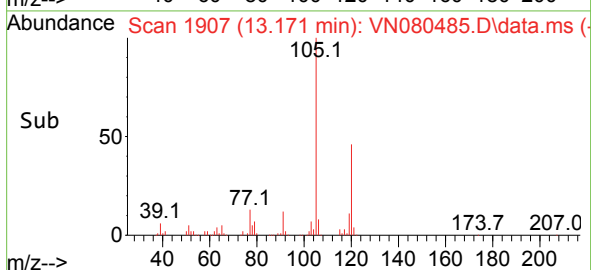
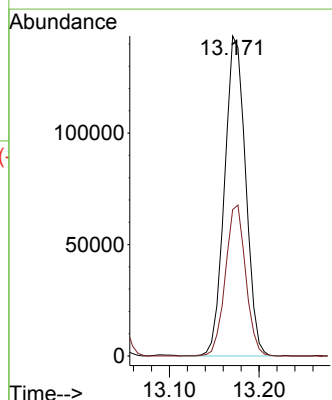
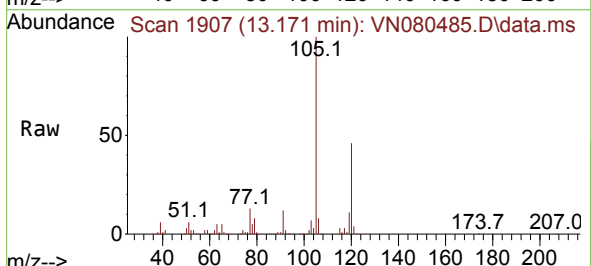
Acq: 14 Dec 2023 16:15

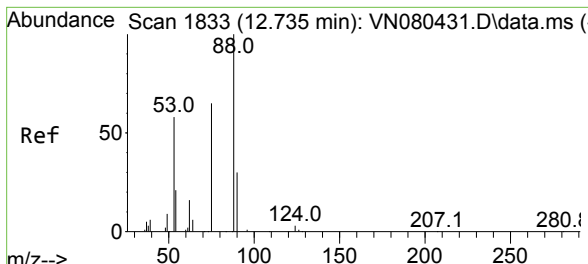
Tgt Ion:105 Resp: 233714

Ion Ratio Lower Upper

105 100

120 45.5 24.1 72.3

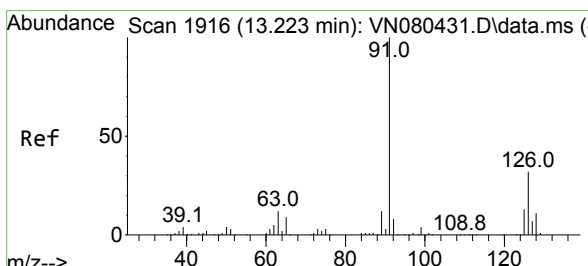
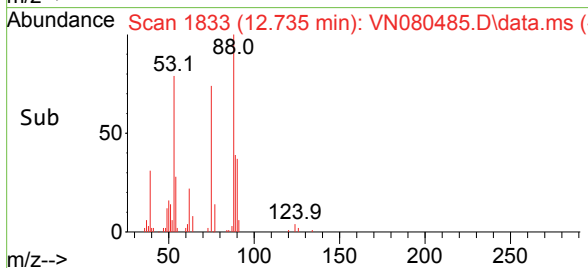
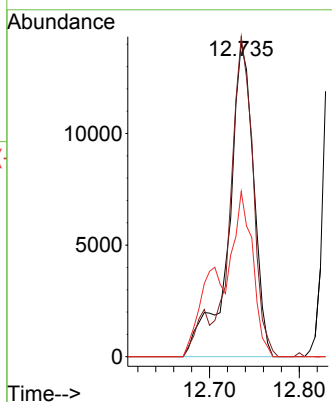
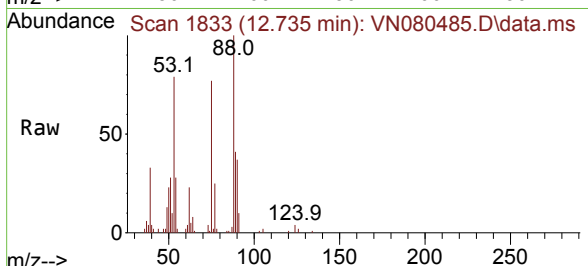




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 19.481 ug/l  
 RT: 12.735 min Scan# 1833  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

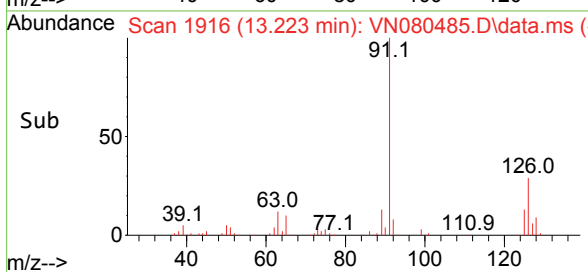
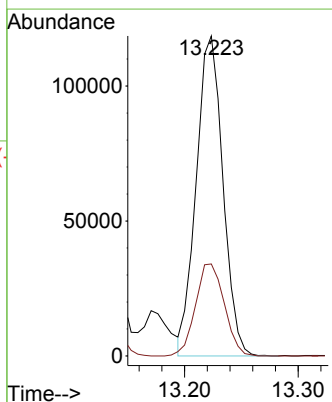
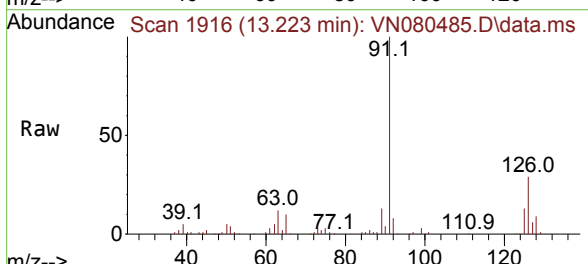
Instrument :  
 MSVOA\_N  
 ClientSampleId :

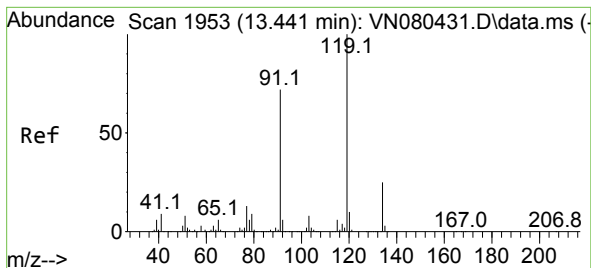
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 27196 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 90.4  | 67.4  | 101.2 |
| 89       | 41.9  | 38.8  | 58.2  |



#82  
 4-Chlorotoluene  
 Concen: 17.715 ug/l  
 RT: 13.223 min Scan# 1916  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 193451 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.1  | 16.7  | 50.0   |





#83

tert-Butylbenzene

Concen: 17.969 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

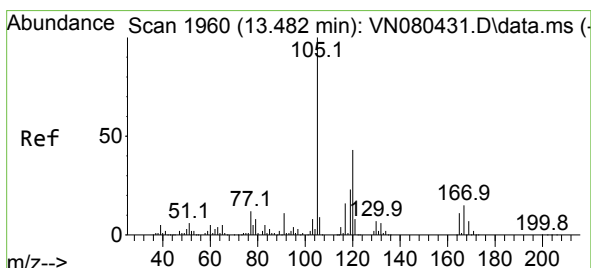
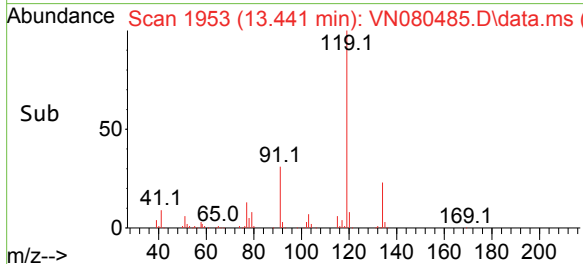
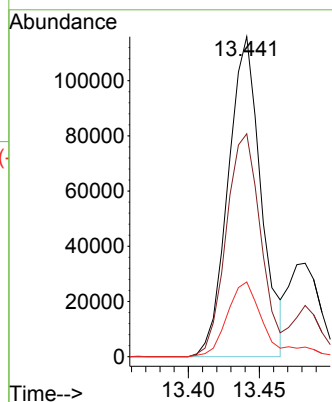
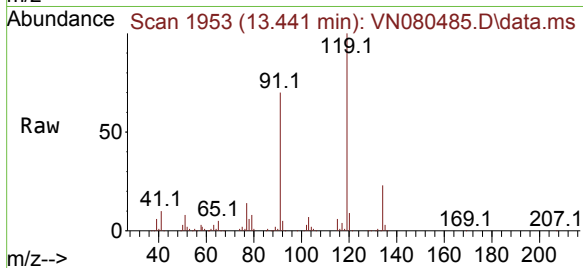
Tgt Ion:119 Resp: 187066

Ion Ratio Lower Upper

119 100

91 72.8 33.9 101.7

134 26.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 18.144 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080485.D

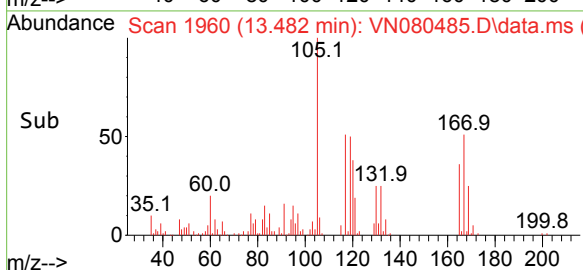
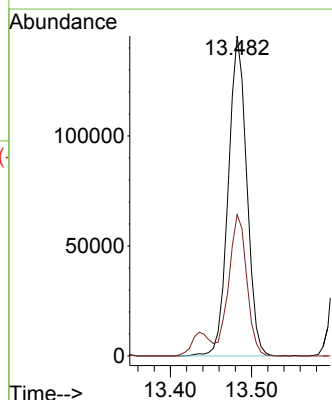
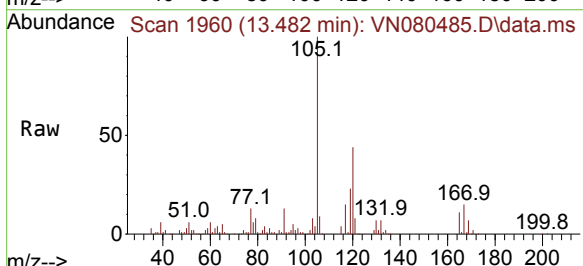
Acq: 14 Dec 2023 16:15

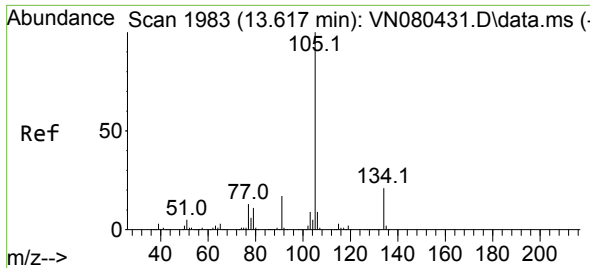
Tgt Ion:105 Resp: 229442

Ion Ratio Lower Upper

105 100

120 43.4 22.0 66.0

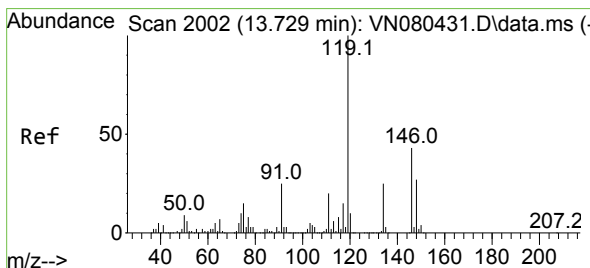
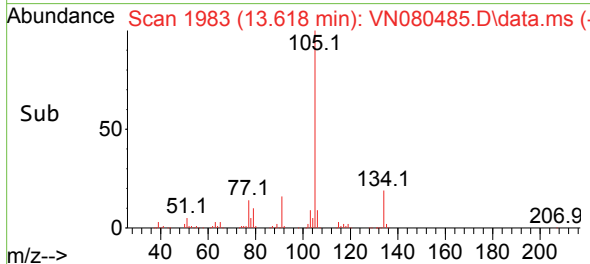
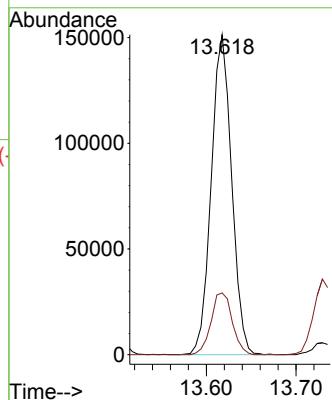
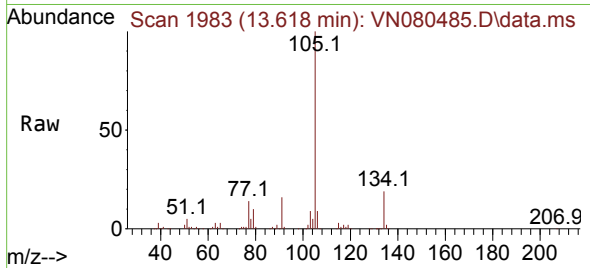




#85  
 sec-Butylbenzene  
 Concen: 17.946 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

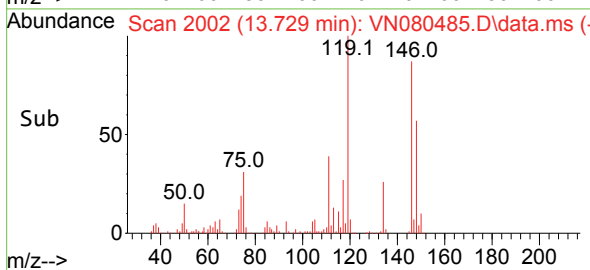
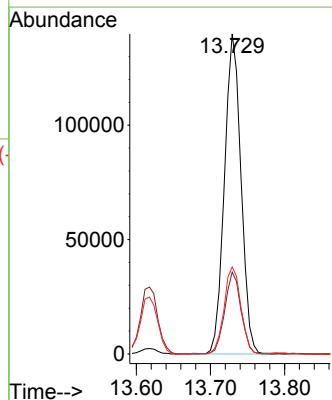
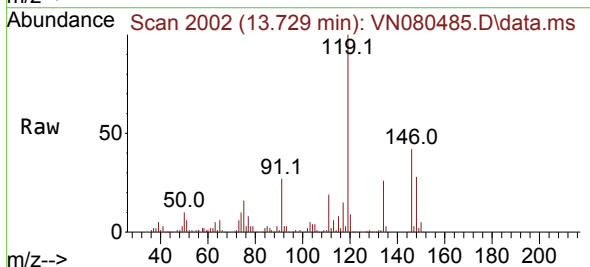
Instrument :  
 MSVOA\_N  
 ClientSampleId :

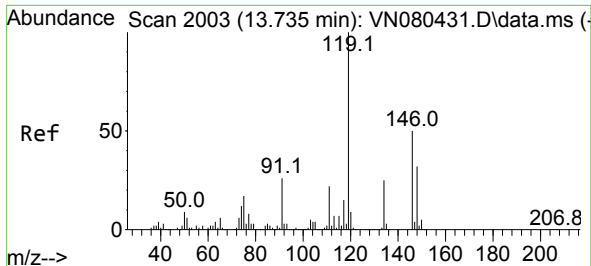
Tgt Ion:105 Resp: 238990  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 18.036 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

Tgt Ion:119 Resp: 216866  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 12.6 37.8  
 91 27.6 12.4 37.2

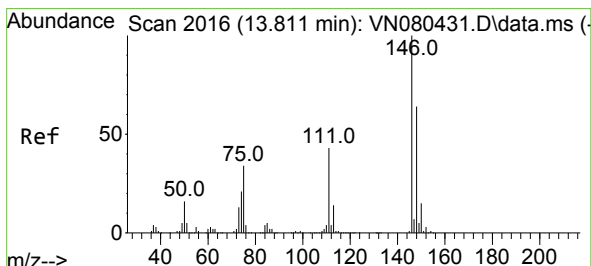
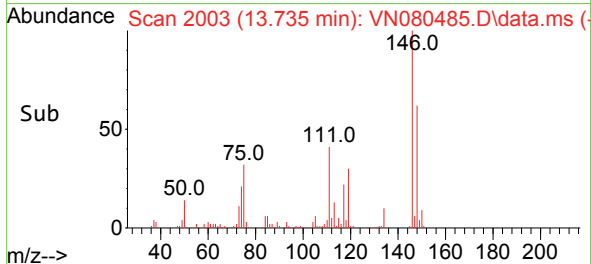
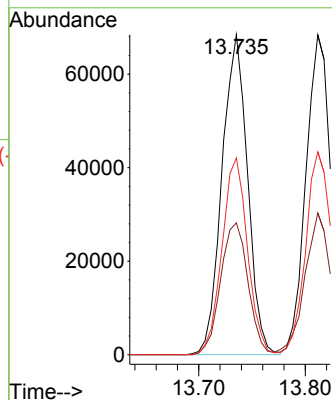
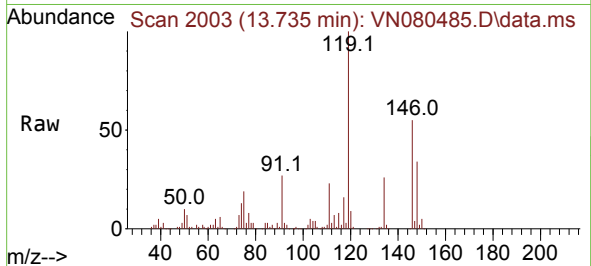




#87  
1,3-Dichlorobenzene  
Concen: 17.834 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

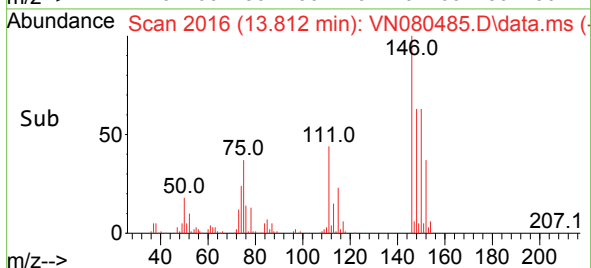
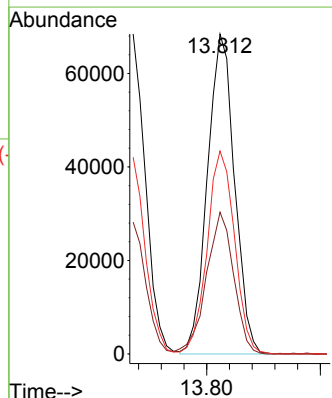
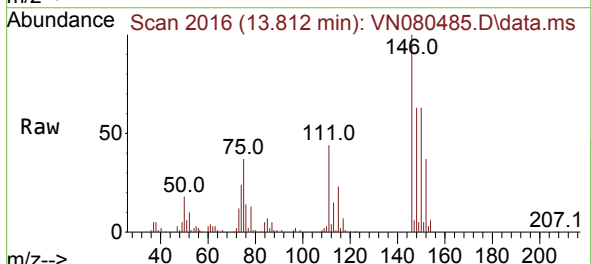
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:146 Resp: 114089  
Ion Ratio Lower Upper  
146 100  
111 44.1 22.1 66.3  
148 61.3 32.0 96.0

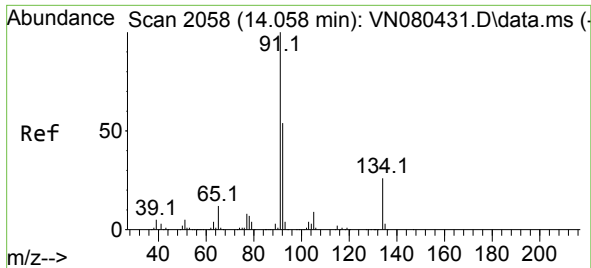


#88  
1,4-Dichlorobenzene  
Concen: 17.557 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:146 Resp: 113376  
Ion Ratio Lower Upper  
146 100  
111 44.8 20.6 61.8  
148 64.3 31.6 94.8



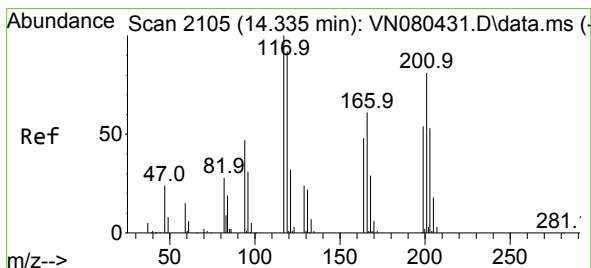
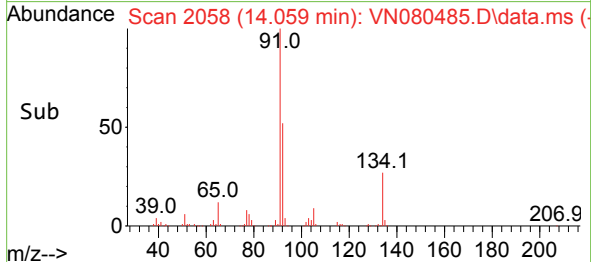
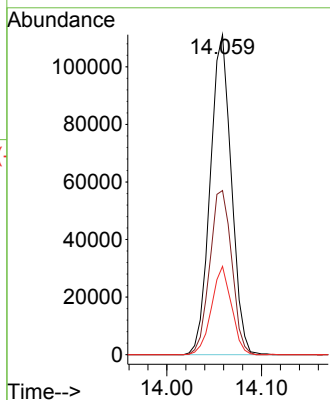
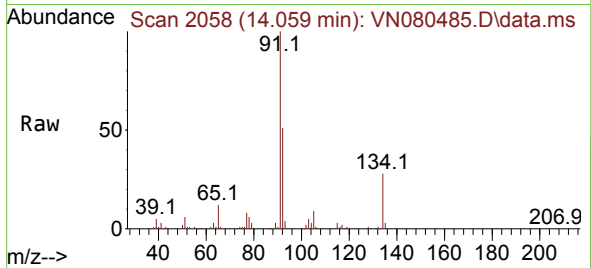




#89  
n-Butylbenzene  
Concen: 17.161 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

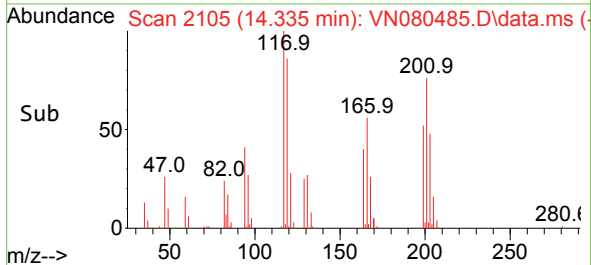
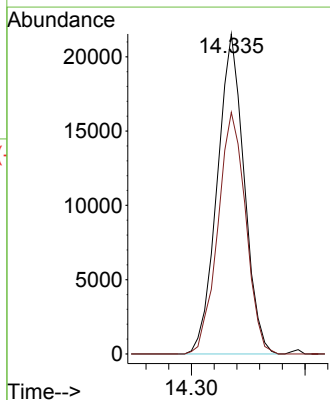
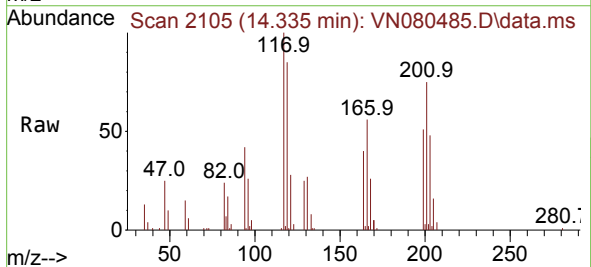
Instrument :  
MSVOA\_N  
ClientSampleId :

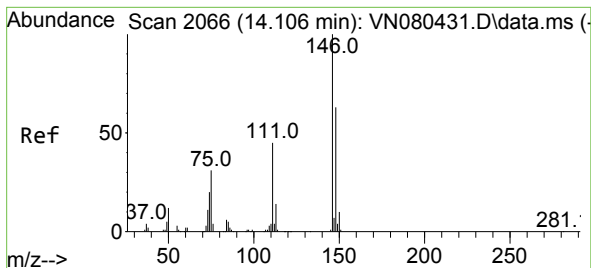
Tgt Ion: 91 Resp: 172328  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.4 79.0  
134 26.2 12.6 37.6



#90  
Hexachloroethane  
Concen: 18.573 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 117 Resp: 35467  
Ion Ratio Lower Upper  
117 100  
201 78.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.624 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

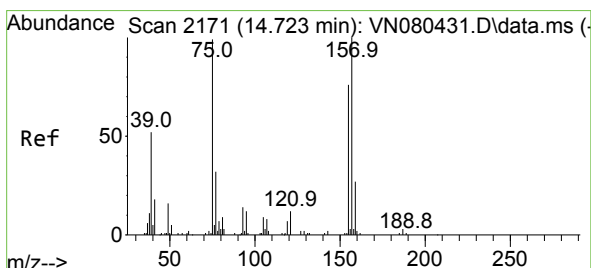
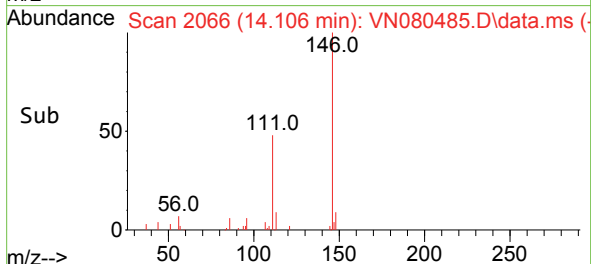
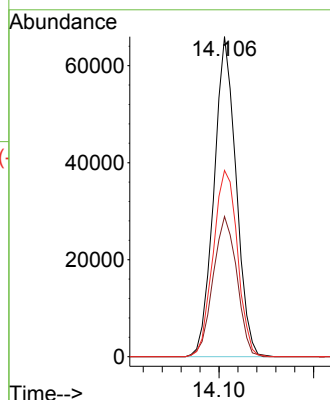
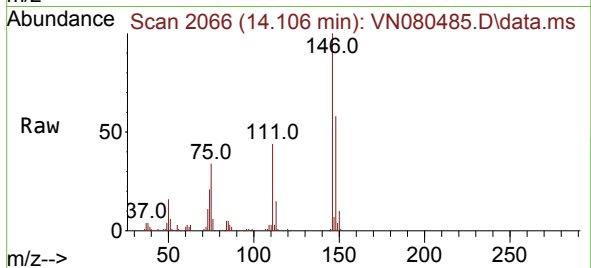
Tgt Ion:146 Resp: 107057

Ion Ratio Lower Upper

146 100

111 47.1 22.0 66.0

148 64.0 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.543 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

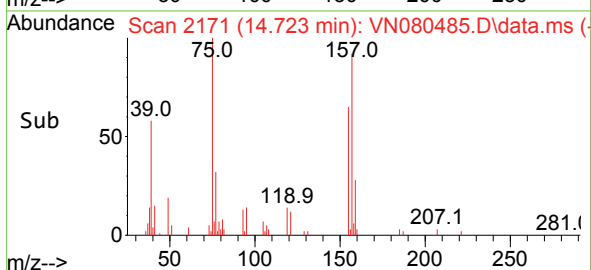
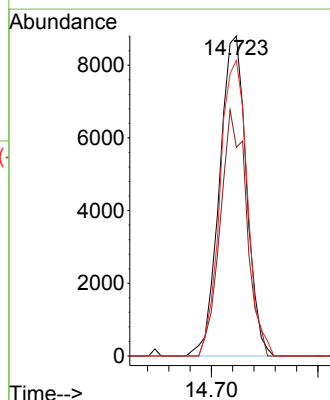
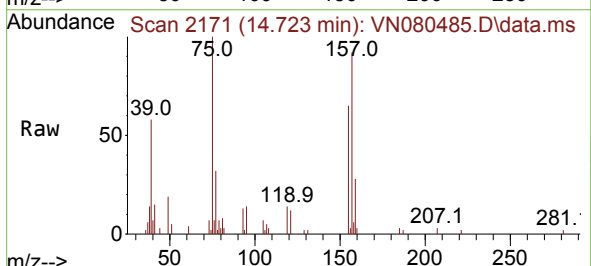
Tgt Ion: 75 Resp: 15426

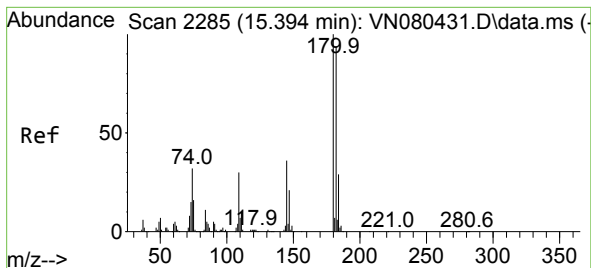
Ion Ratio Lower Upper

75 100

155 74.6 39.1 117.2

157 93.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.241 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

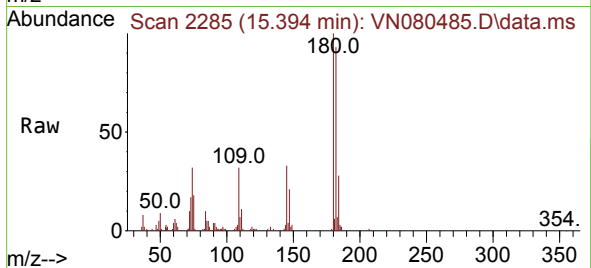
Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :



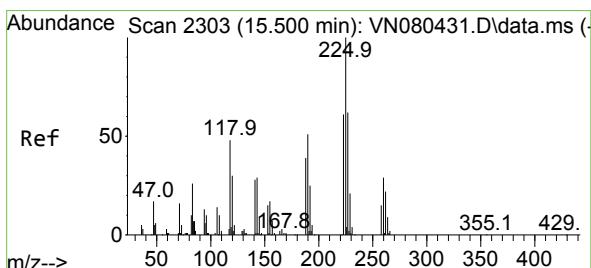
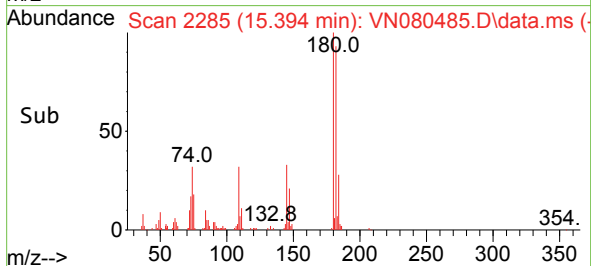
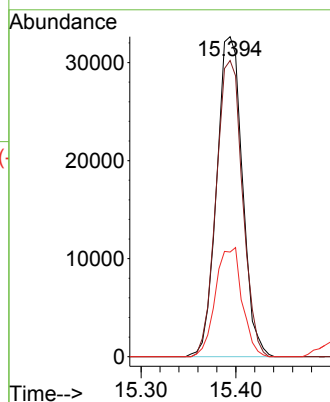
Tgt Ion:180 Resp: 61520

Ion Ratio Lower Upper

180 100

182 94.5 46.1 138.2

145 35.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 17.431 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

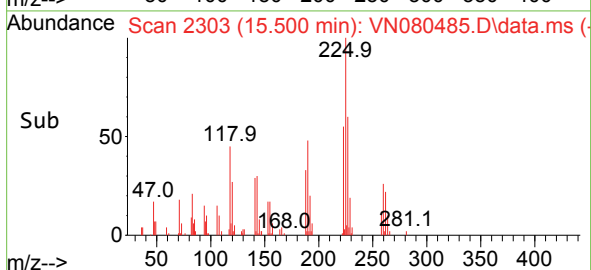
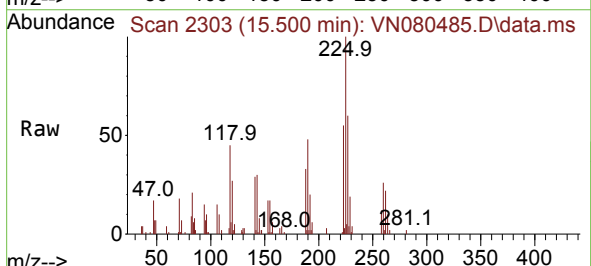
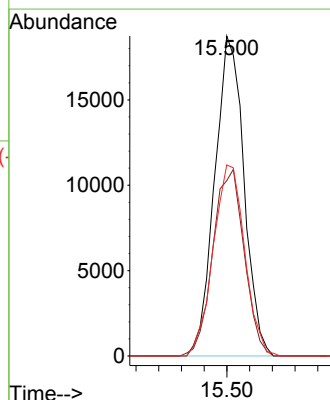
Tgt Ion:225 Resp: 33469

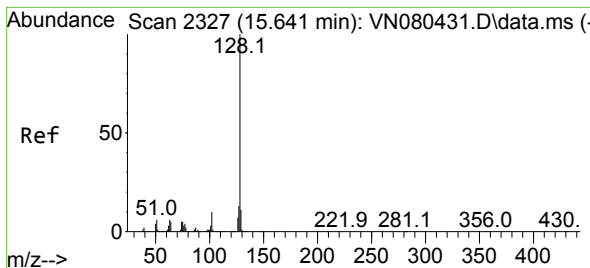
Ion Ratio Lower Upper

225 100

223 62.4 31.3 93.8

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 17.260 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

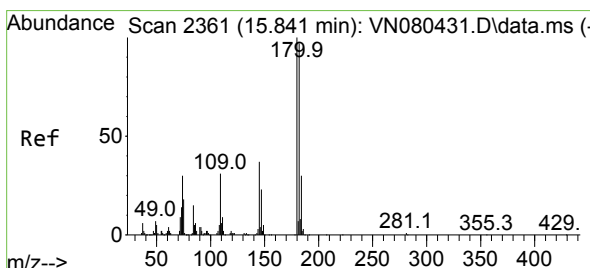
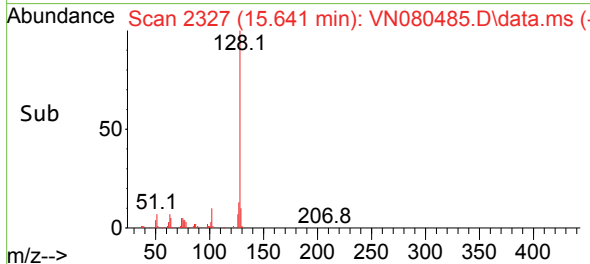
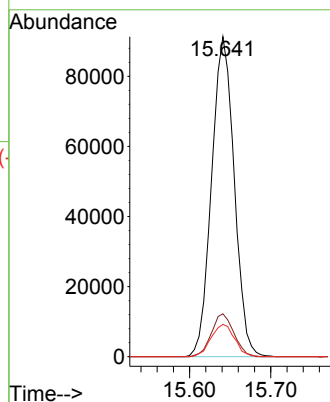
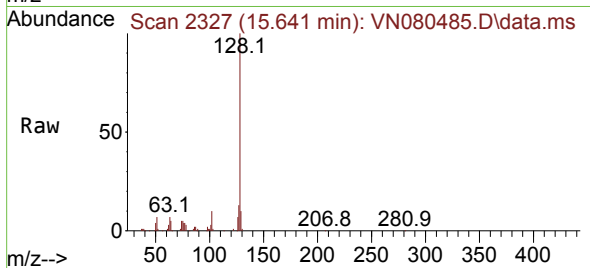
Tgt Ion:128 Resp: 176766

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.609 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Tgt Ion:180 Resp: 57310

Ion Ratio Lower Upper

180 100

182 99.6 46.2 138.6

145 36.4 17.5 52.6

