

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121523\  
 Data File : VN080507.D  
 Acq On : 15 Dec 2023 17:19  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 16 02:55:56 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   | 332719   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 524147   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 459731   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 219929   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.576  | 65    | 201282   | 47.365   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 94.740%  |
| 35) Dibromofluoromethane     | 8.165  | 113   | 160240   | 48.217   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 96.440%  |
| 50) Toluene-d8               | 10.570 | 98    | 596480   | 48.126   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 96.260%  |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 220451   | 46.841   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 93.680%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 175083   | 41.178   | ug/l   | 98       |
| 3) Chloromethane             | 2.359  | 50    | 171946   | 38.256   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.512  | 62    | 144080   | 39.679   | ug/l   | 98       |
| 5) Bromomethane              | 2.947  | 94    | 64217    | 39.226   | ug/l   | 97       |
| 6) Chloroethane              | 3.118  | 64    | 89631    | 38.414   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.494  | 101   | 299707   | 40.694   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.959  | 74    | 98504    | 42.463   | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365  | 101   | 147770   | 42.331   | ug/l   | 94       |
| 10) Methyl Iodide            | 4.583  | 142   | 108754   | 35.419   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 5.518  | 59    | 117978   | 235.728  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.336  | 96    | 144447   | 40.384   | ug/l   | 90       |
| 13) Acrolein                 | 4.171  | 56    | 105048   | 191.659  | ug/l   | 95       |
| 14) Allyl chloride           | 5.018  | 41    | 201831   | 45.608   | ug/l   | 94       |
| 15) Acrylonitrile            | 5.718  | 53    | 318699   | 225.365  | ug/l   | 99       |
| 16) Acetone                  | 4.418  | 43    | 214412   | 284.555  | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.712  | 76    | 379569   | 37.445   | ug/l   | 100      |
| 18) Methyl Acetate           | 5.018  | 43    | 227422   | 46.907   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.788  | 73    | 519567   | 43.539   | ug/l   | 99       |
| 20) Methylene Chloride       | 5.277  | 84    | 164595   | 40.817   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.783  | 96    | 160052   | 41.268   | ug/l   | 89       |
| 22) Diisopropyl ether        | 6.665  | 45    | 419296   | 43.899   | ug/l   | 94       |
| 23) Vinyl Acetate            | 6.600  | 43    | 1173146  | 213.856  | ug/l   | 94       |
| 24) 1,1-Dichloroethane       | 6.565  | 63    | 289692   | 43.472   | ug/l   | 100      |
| 25) 2-Butanone               | 7.482  | 43    | 354874   | 244.479  | ug/l   | 91       |
| 26) 2,2-Dichloropropane      | 7.494  | 77    | 273168   | 40.088   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.488  | 96    | 185371   | 42.226   | ug/l   | 91       |
| 28) Bromochloromethane       | 7.812  | 49    | 112123   | 43.822   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.835  | 42    | 233402   | 224.548  | ug/l   | 92       |
| 30) Chloroform               | 7.965  | 83    | 317159   | 42.877   | ug/l   | 93       |
| 31) Cyclohexane              | 8.253  | 56    | 229833   | 39.770   | ug/l   | 91       |
| 32) 1,1,1-Trichloroethane    | 8.165  | 97    | 301319   | 41.604   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 231083   | 42.527   | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.559  | 43    | 150149   | 44.127   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.359  | 117   | 270333   | 41.636   | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.600  | 83    | 237675   | 42.104   | ug/l   | 92       |
| 40) Benzene                  | 8.606  | 78    | 659749   | 42.046   | ug/l   | 100      |

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 ALS Vial : 14 Sample Multiplier: 1

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 ClientSampleId :

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 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   | 88634    | 45.183  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 246782   | 42.472  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 270115   | 44.150  | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 179041   | 42.326  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 154889   | 42.029  | ug/l   | 95       |
| 46) Dibromomethane            | 9.712  | 93   | 110981   | 41.934  | ug/l # | 89       |
| 47) Bromodichloromethane      | 9.888  | 83   | 244740   | 43.148  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.682  | 41   | 155427   | 42.571  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 51127    | 923.882 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 751362   | 222.990 | ug/l   | 100      |
| 52) Toluene                   | 10.629 | 92   | 421649   | 42.537  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 262770   | 42.818  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 278916   | 42.521  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 157246   | 44.087  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 174249   | 44.126  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 269323   | 43.075  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 464744   | 186.426 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.194 | 43   | 551743   | 221.805 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 182328   | 43.140  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 158406   | 42.911  | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.106 | 164  | 144956   | 40.838  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 440260   | 43.049  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.964 | 131  | 171438   | 42.722  | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.964 | 91   | 807194   | 42.926  | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.070 | 106  | 598508   | 86.132  | ug/l   | 91       |
| 69) o-Xylene                  | 12.400 | 106  | 287388   | 42.284  | ug/l   | 91       |
| 70) Styrene                   | 12.412 | 104  | 430458   | 43.969  | ug/l   | 95       |
| 71) Bromoform                 | 12.582 | 173  | 118169   | 40.381  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 755580   | 42.767  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 221688   | 42.969  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 197154   | 41.644  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 268740   | 61.251  | ug/l   | 78       |
| 77) Bromobenzene              | 12.982 | 156  | 176417   | 40.591  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.035 | 91   | 828866   | 42.551  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 528457   | 41.554  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 638231   | 41.944  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 67511    | 40.400  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 540810   | 41.372  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 521264   | 41.830  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 640258   | 42.296  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 677372   | 42.493  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 620486   | 43.109  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 311053   | 40.621  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 312142   | 40.382  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.058 | 91   | 524893   | 43.669  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 98667    | 43.164  | ug/l   | 76       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 297188   | 40.871  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 43769    | 43.954  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 180691   | 44.757  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 92335    | 40.174  | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 645259   | 52.634  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 168626   | 43.283  | ug/l   | 97       |

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ALS Vial : 14 Sample Multiplier: 1

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Quant Title : SW846 8260  
QLast Update : Wed Dec 13 01:57:14 2023  
Response via : Initial Calibration

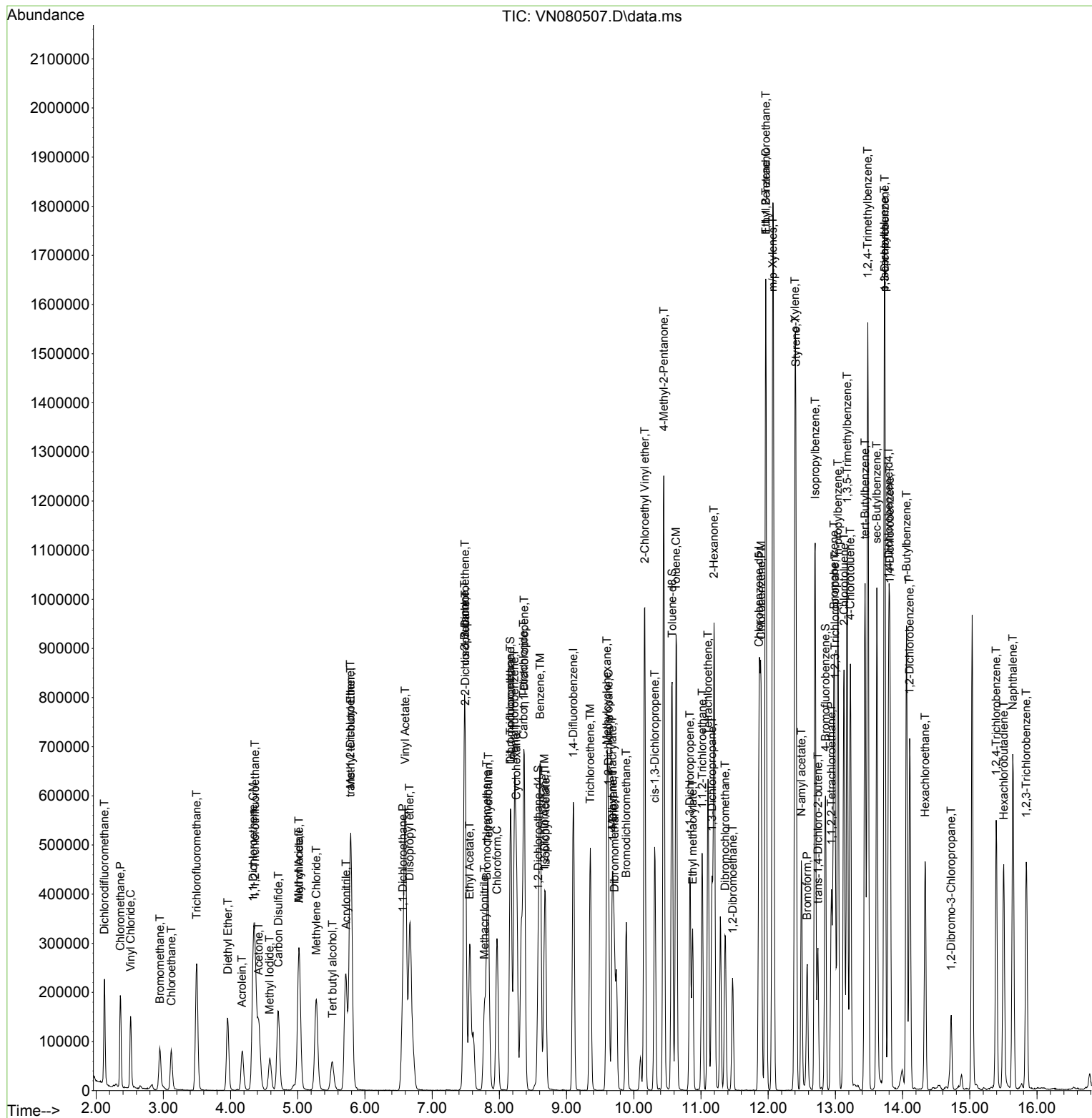
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

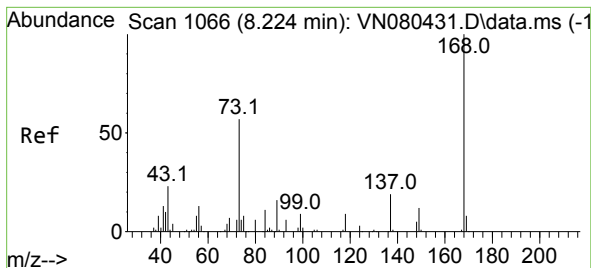
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 Sample : VSTDCCC050  
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Instrument :  
 MSVOA\_N  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

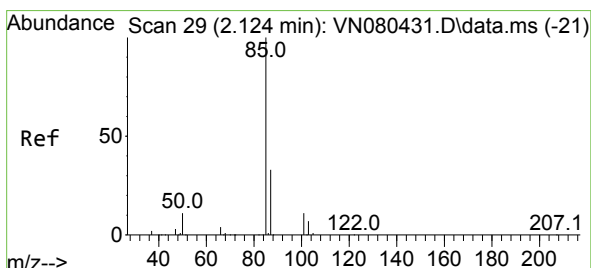
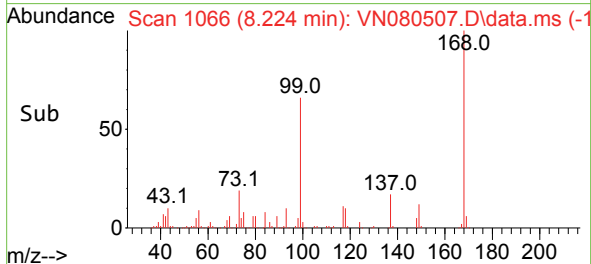
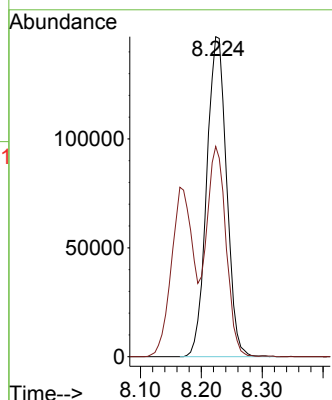
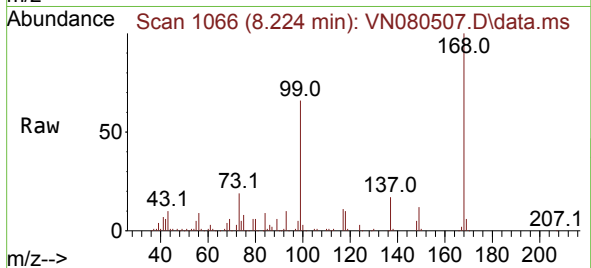
ClientSampleId :

Tgt Ion:168 Resp: 332719

Ion Ratio Lower Upper

168 100

99 65.7 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 41.178 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080507.D

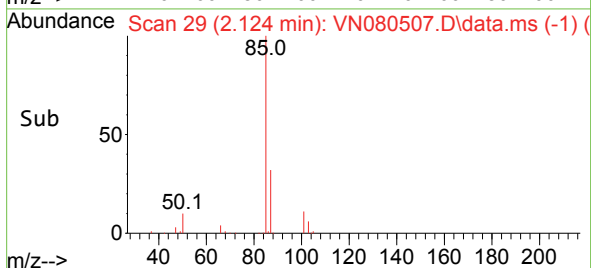
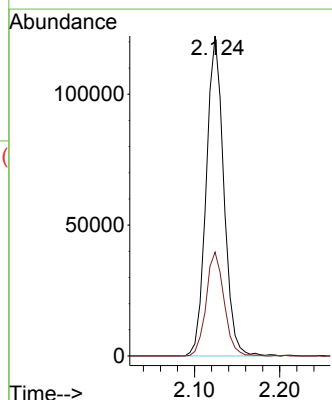
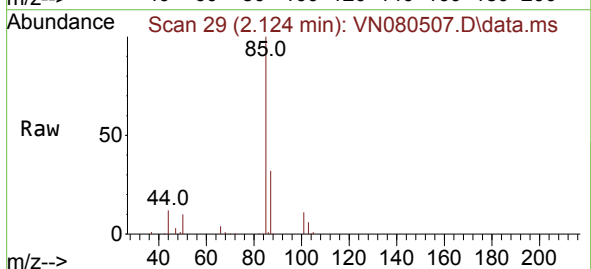
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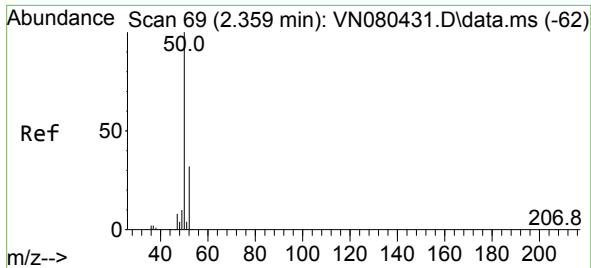
Tgt Ion: 85 Resp: 175083

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4

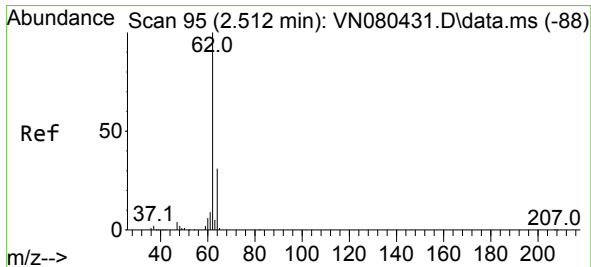
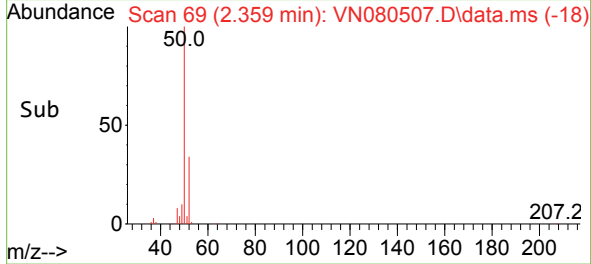
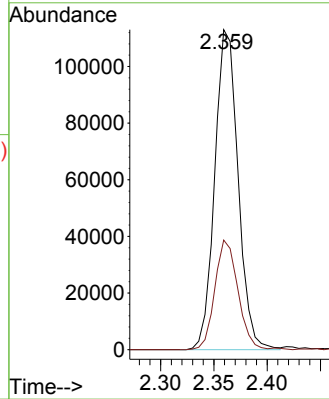
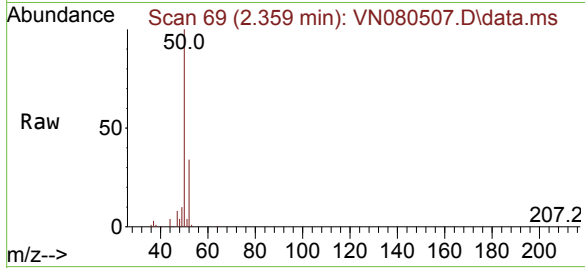




#3  
Chloromethane  
Concen: 38.256 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
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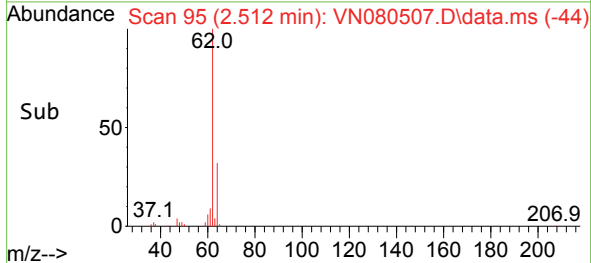
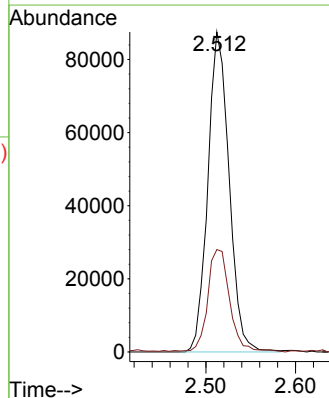
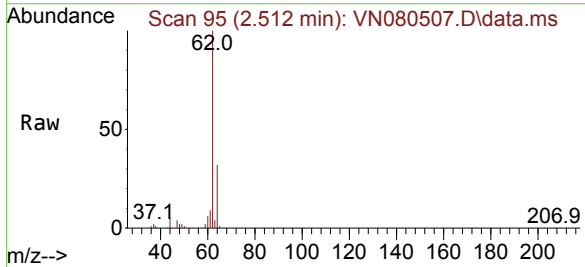
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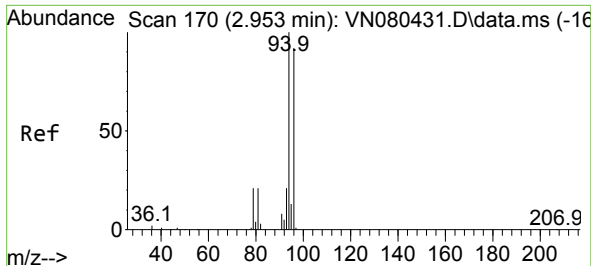
Tgt Ion: 50 Resp: 171946  
Ion Ratio Lower Upper  
50 100  
52 34.2 26.5 39.7



#4  
Vinyl Chloride  
Concen: 39.679 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion: 62 Resp: 144080  
Ion Ratio Lower Upper  
62 100  
64 31.8 26.2 39.2

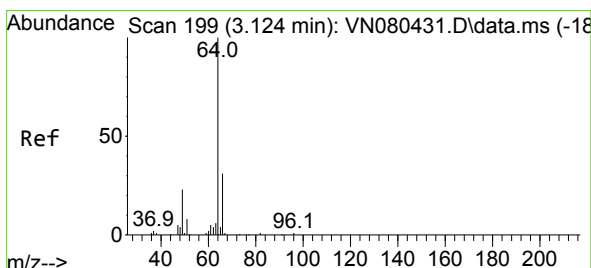
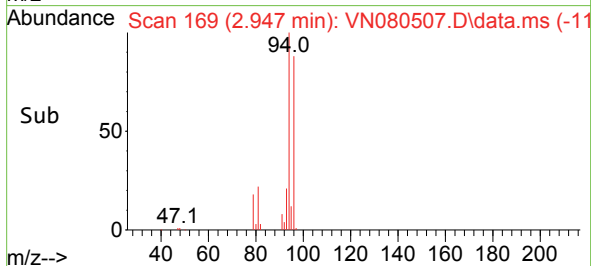
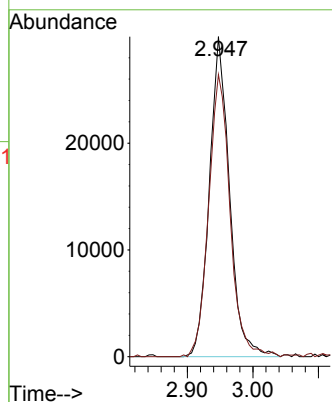
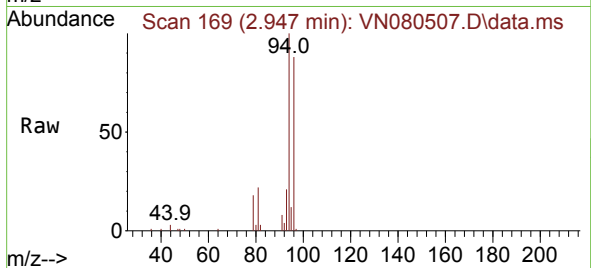




#5  
Bromomethane  
Concen: 39.226 ug/l  
RT: 2.947 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

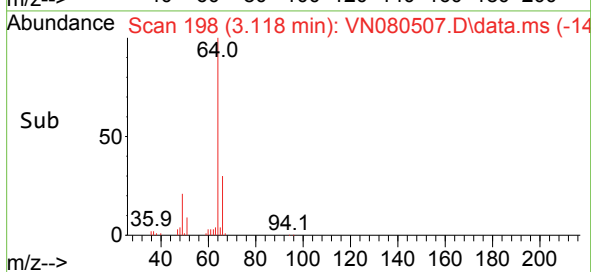
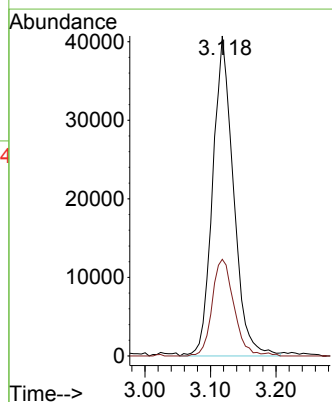
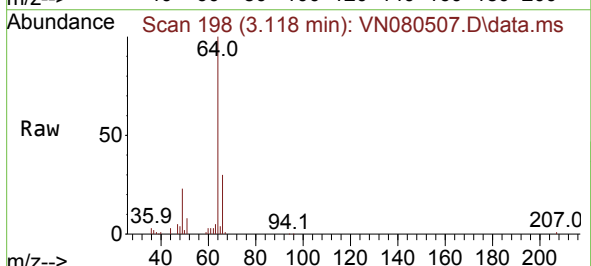
Instrument :  
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ClientSampleId :

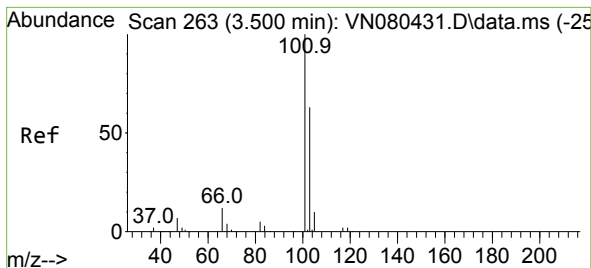
Tgt Ion: 94 Resp: 64217  
Ion Ratio Lower Upper  
94 100  
96 88.2 73.1 109.7



#6  
Chloroethane  
Concen: 38.414 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion: 64 Resp: 89631  
Ion Ratio Lower Upper  
64 100  
66 30.2 25.4 38.2





#7

Trichlorofluoromethane

Concen: 40.694 ug/l

RT: 3.494 min Scan# 2

Delta R.T. -0.006 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

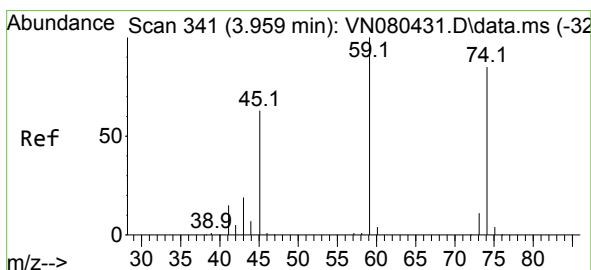
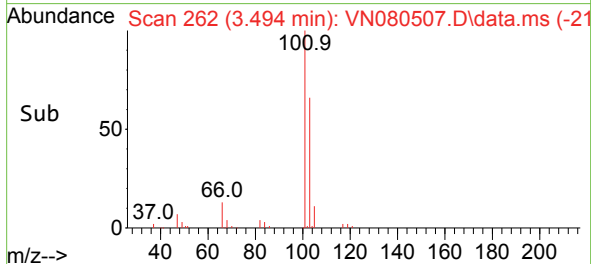
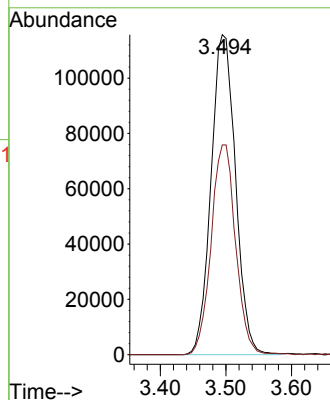
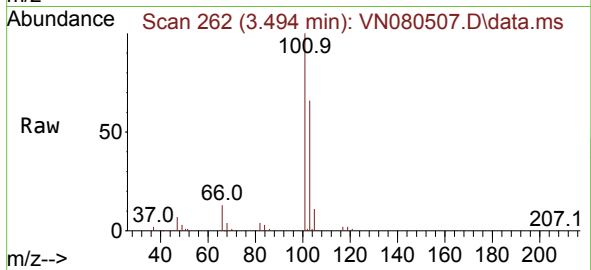
ClientSampleId :

Tgt Ion:101 Resp: 299707

Ion Ratio Lower Upper

101 100

103 65.6 50.7 76.1



#8

Diethyl Ether

Concen: 42.463 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.000 min

Lab File: VN080507.D

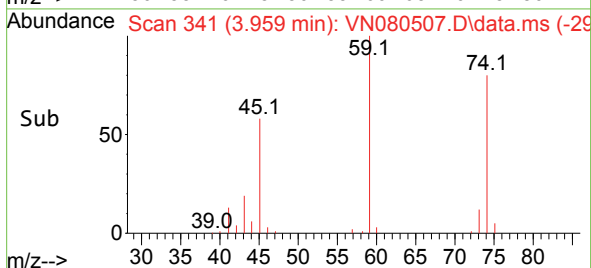
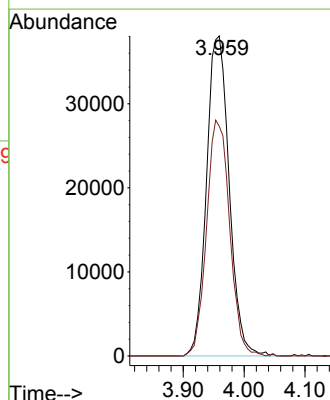
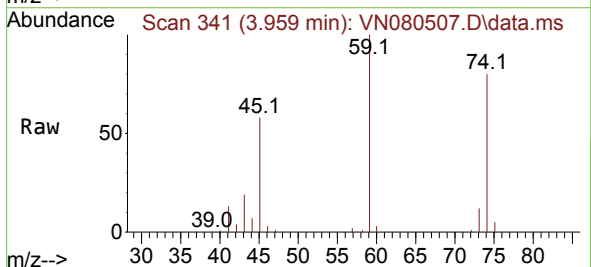
Acq: 15 Dec 2023 17:19

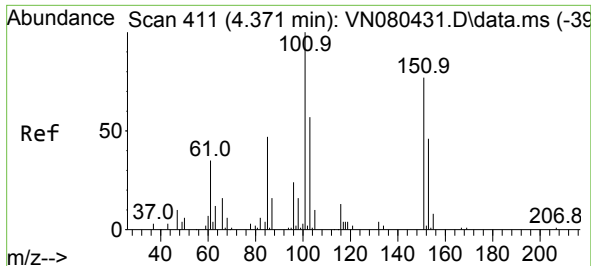
Tgt Ion: 74 Resp: 98504

Ion Ratio Lower Upper

74 100

45 74.9 34.4 103.3

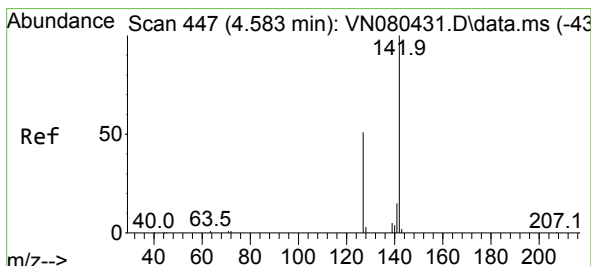
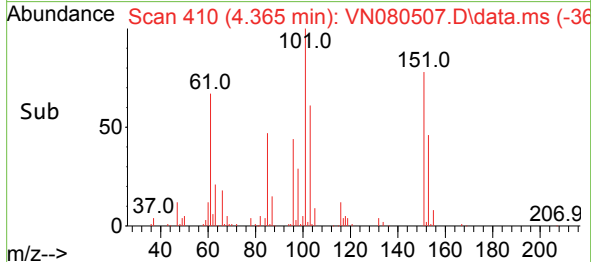
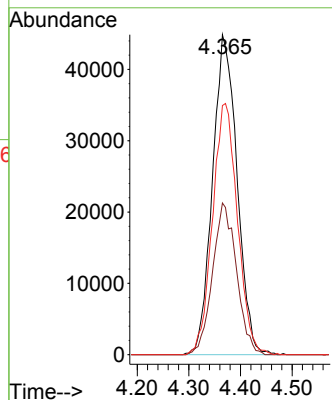
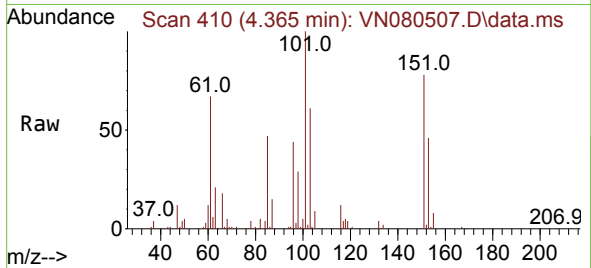




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 42.331 ug/l  
RT: 4.365 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

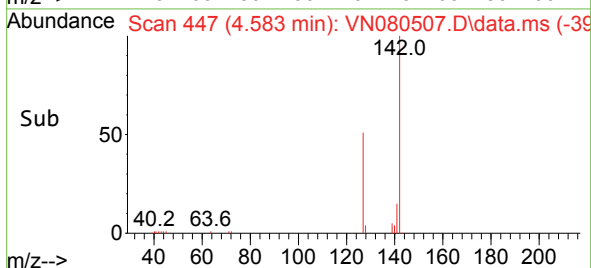
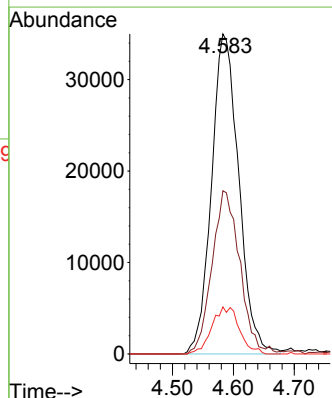
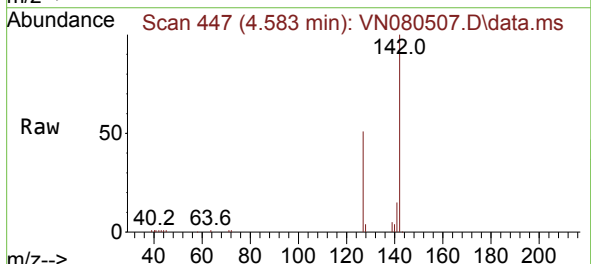
Instrument :  
MSVOA\_N  
ClientSampleId :

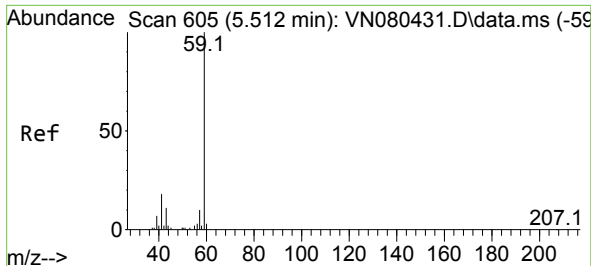
Tgt Ion:101 Resp: 147770  
Ion Ratio Lower Upper  
101 100  
85 46.4 36.6 55.0  
151 80.1 57.6 86.4



#10  
Methyl Iodide  
Concen: 35.419 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion:142 Resp: 108754  
Ion Ratio Lower Upper  
142 100  
127 51.0 37.6 56.4  
141 14.7 11.4 17.0

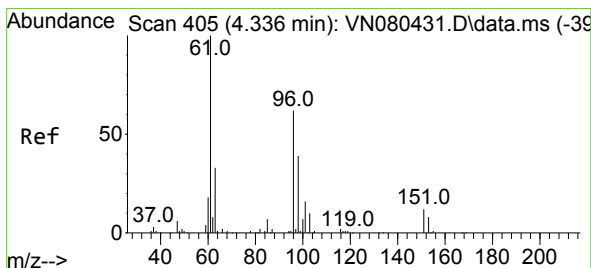
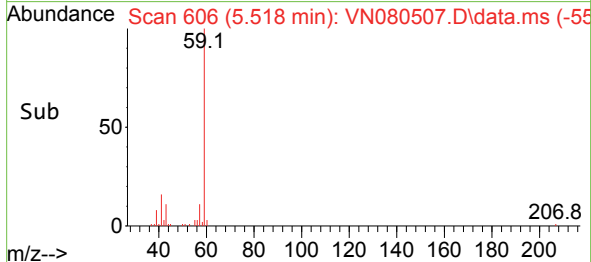
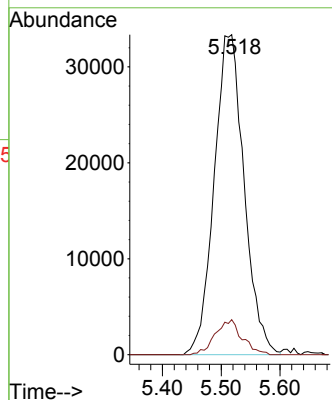
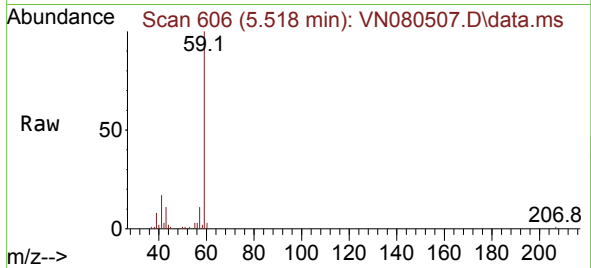




#11  
Tert butyl alcohol  
Concen: 235.728 ug/l  
RT: 5.518 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

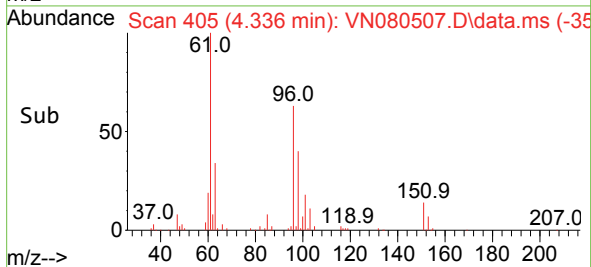
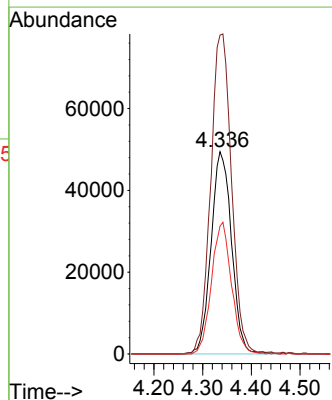
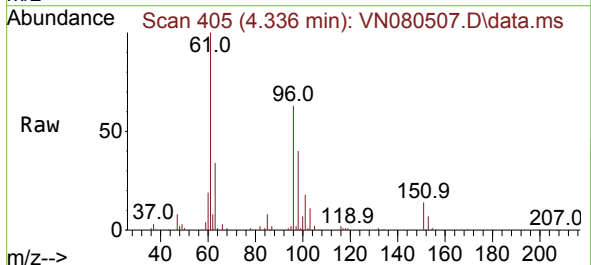
Instrument :  
MSVOA\_N  
ClientSampleId :

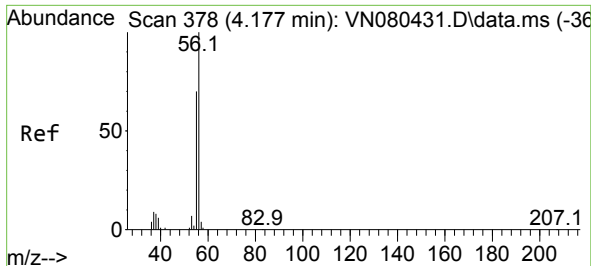
Tgt Ion: 59 Resp: 117978  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 40.384 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

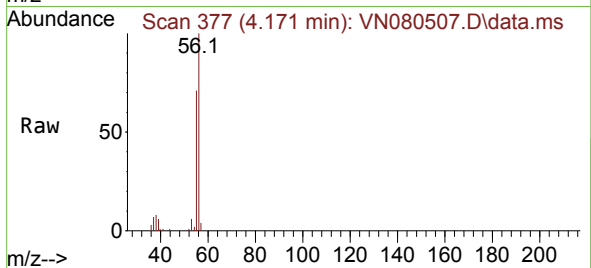
Tgt Ion: 96 Resp: 144447  
Ion Ratio Lower Upper  
96 100  
61 157.7 112.7 169.1  
98 63.2 51.2 76.8



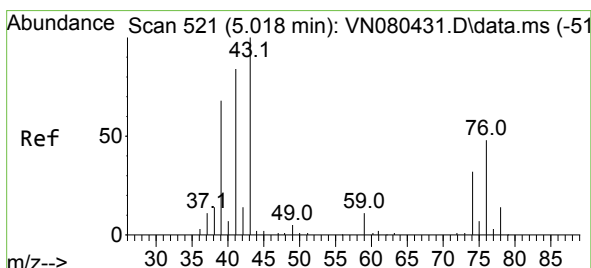
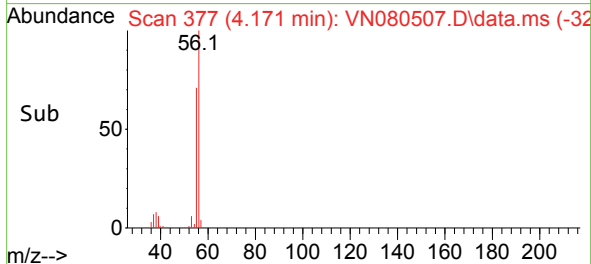
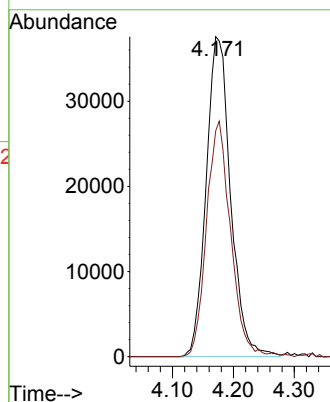


#13  
Acrolein  
Concen: 191.659 ug/l  
RT: 4.171 min Scan# 378  
Delta R.T. -0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Instrument :  
MSVOA\_N  
ClientSampleId :

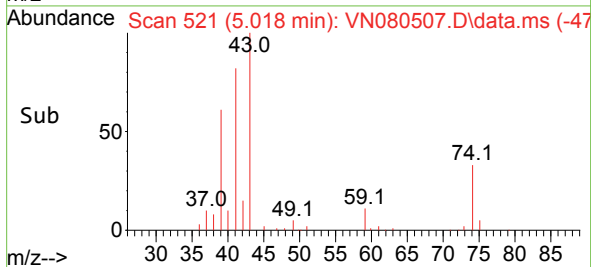
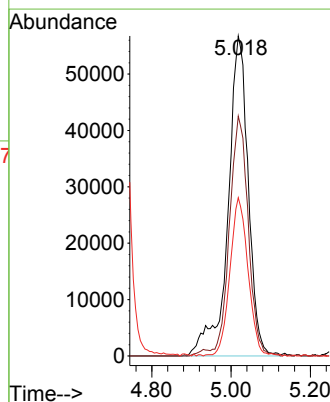
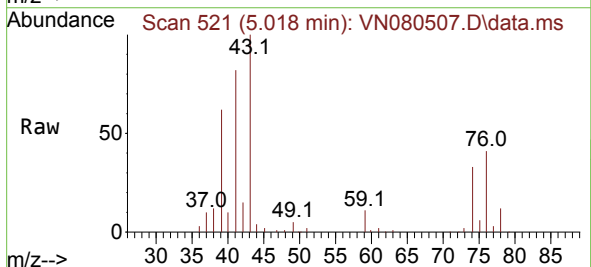


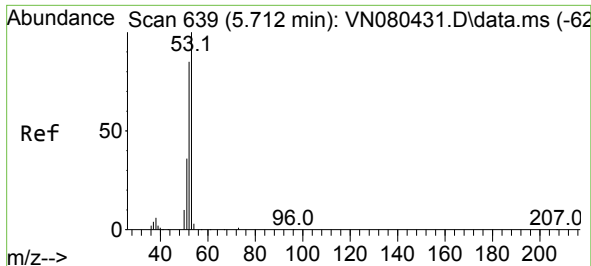
Tgt Ion: 56 Resp: 105048  
Ion Ratio Lower Upper  
56 100  
55 72.0 54.5 81.7



#14  
Allyl chloride  
Concen: 45.608 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

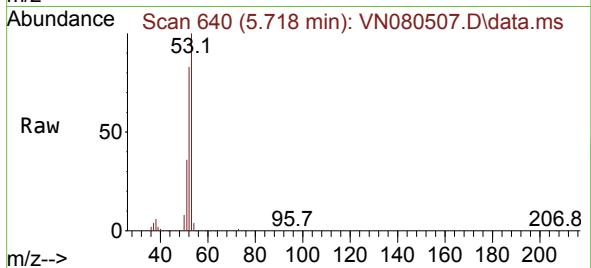
Tgt Ion: 41 Resp: 201831  
Ion Ratio Lower Upper  
41 100  
39 68.9 58.8 88.2  
76 44.2 39.1 58.7



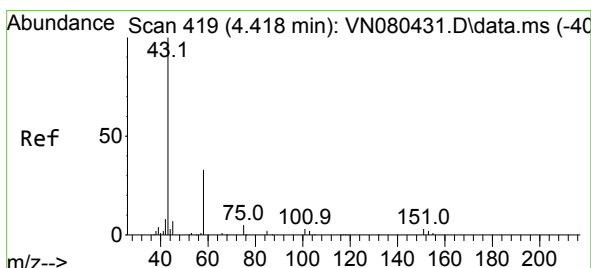
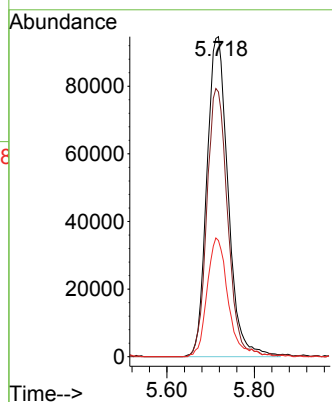
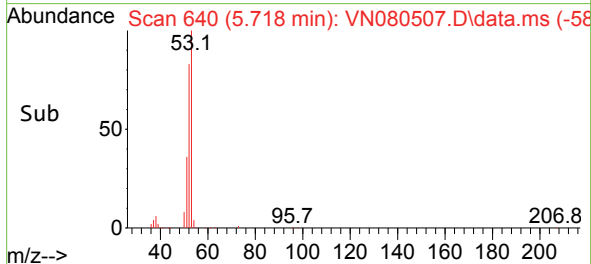


#15  
Acrylonitrile  
Concen: 225.365 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Instrument :  
MSVOA\_N  
ClientSampleId :

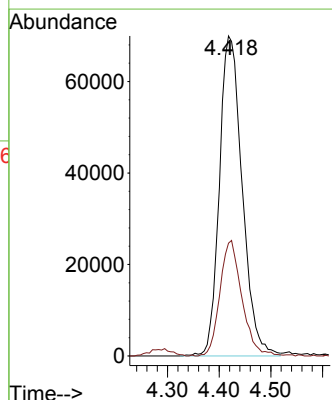
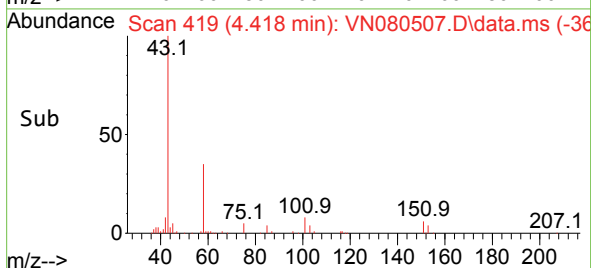
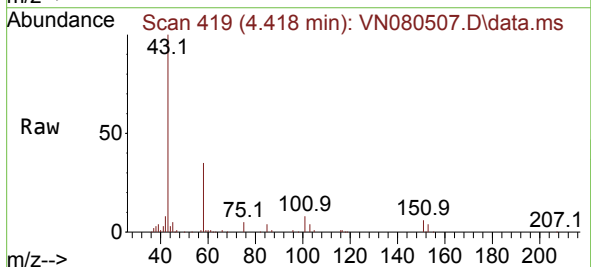


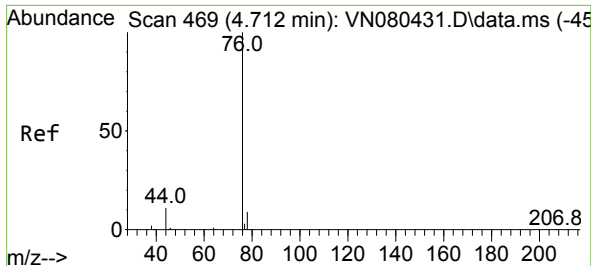
Tgt Ion: 53 Resp: 318699  
Ion Ratio Lower Upper  
53 100  
52 82.0 65.3 97.9  
51 37.0 28.9 43.3



#16  
Acetone  
Concen: 284.555 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion: 43 Resp: 214412  
Ion Ratio Lower Upper  
43 100  
58 34.9 28.0 42.0

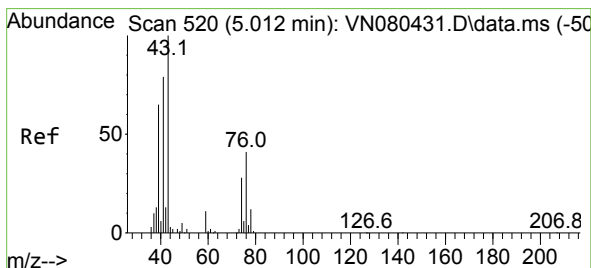
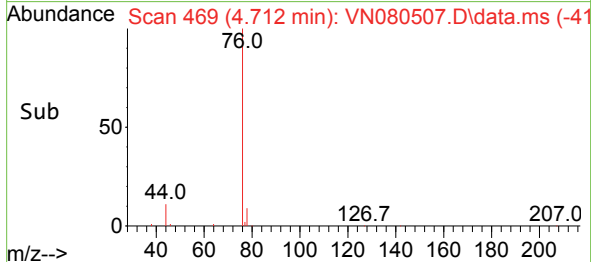
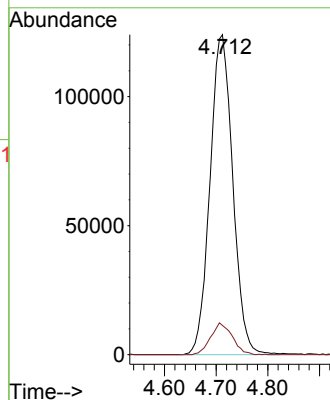
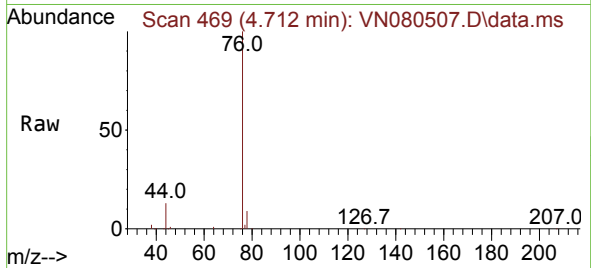




#17  
Carbon Disulfide  
Concen: 37.445 ug/l  
RT: 4.712 min Scan# 40  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

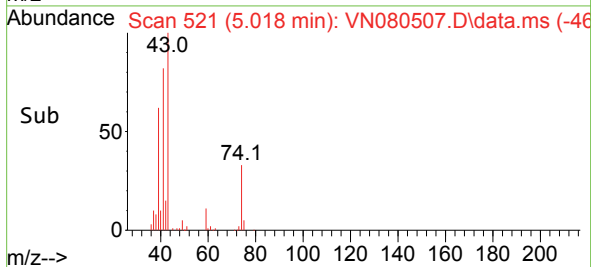
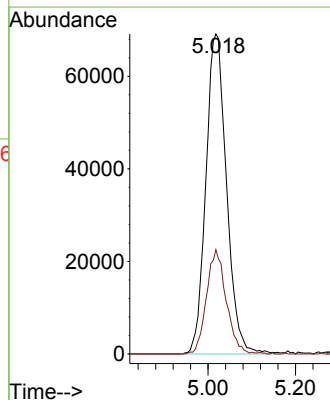
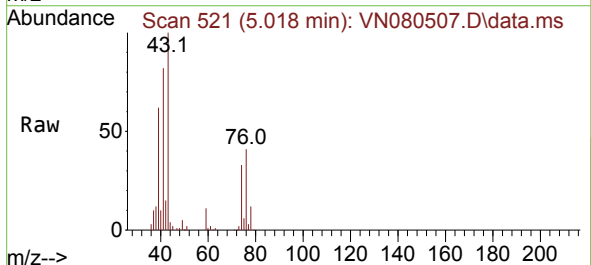
Instrument :  
MSVOA\_N  
ClientSampleId :

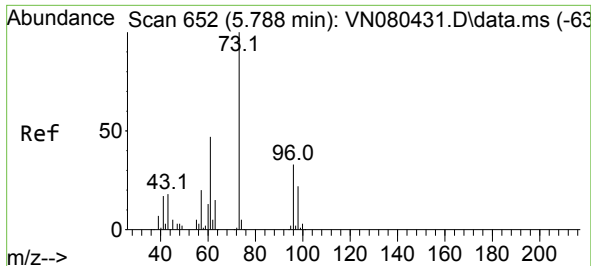
Tgt Ion: 76 Resp: 379569  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 46.907 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion: 43 Resp: 227422  
Ion Ratio Lower Upper  
43 100  
74 31.0 26.2 39.4

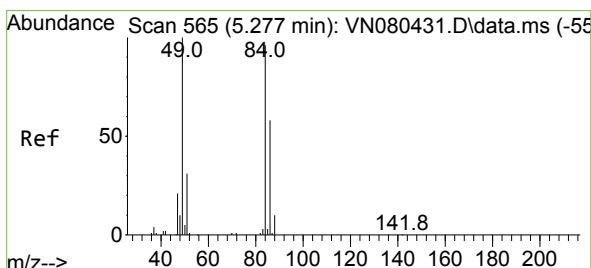
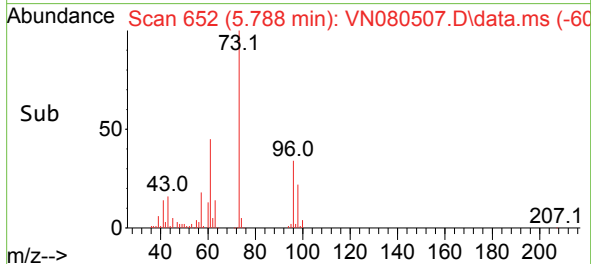
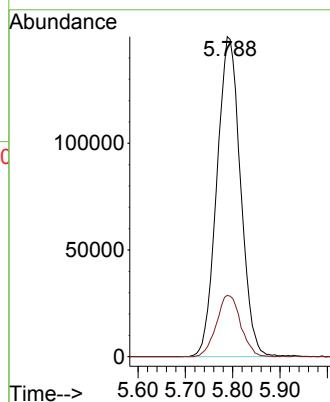
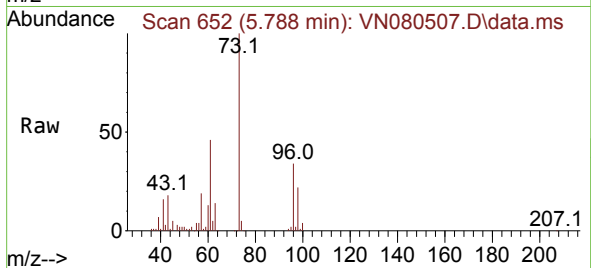




#19  
Methyl tert-butyl Ether  
Concen: 43.539 ug/l  
RT: 5.788 min Scan# 619  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

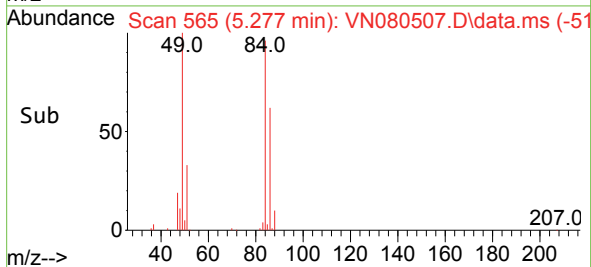
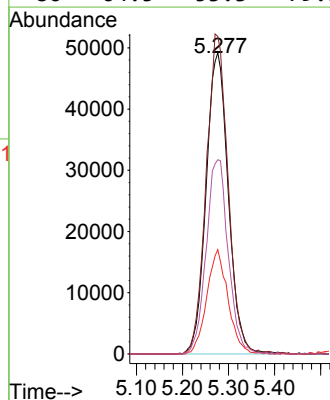
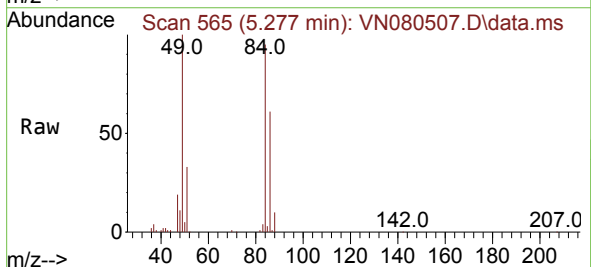
Instrument :  
MSVOA\_N  
ClientSampleId :

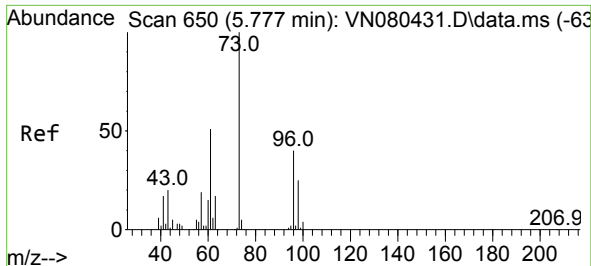
Tgt Ion: 73 Resp: 519567  
Ion Ratio Lower Upper  
73 100  
57 19.2 15.6 23.4



#20  
Methylene Chloride  
Concen: 40.817 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion: 84 Resp: 164595  
Ion Ratio Lower Upper  
84 100  
49 105.1 79.7 119.5  
51 34.6 25.2 37.8  
86 64.5 53.3 79.9

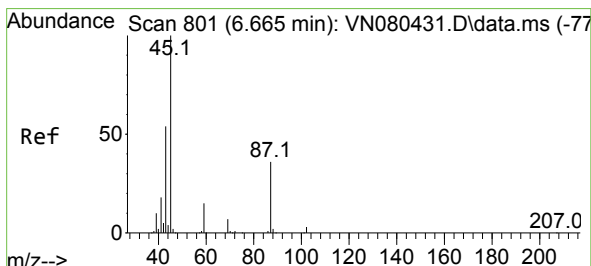
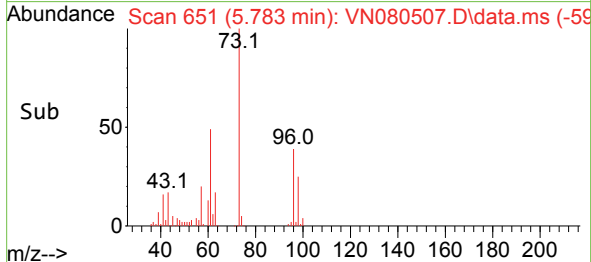
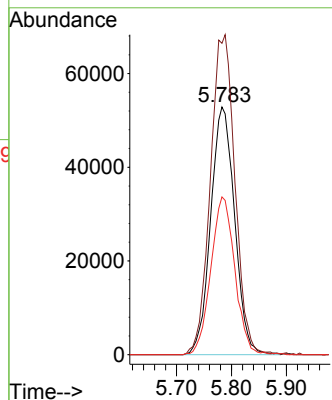
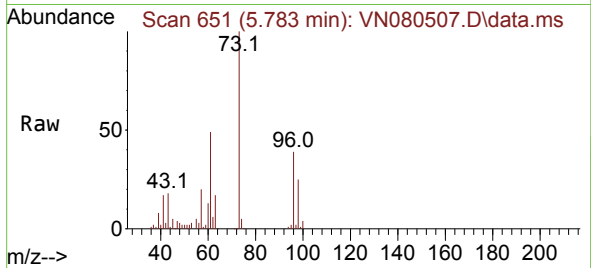




#21  
trans-1,2-Dichloroethene  
Concen: 41.268 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

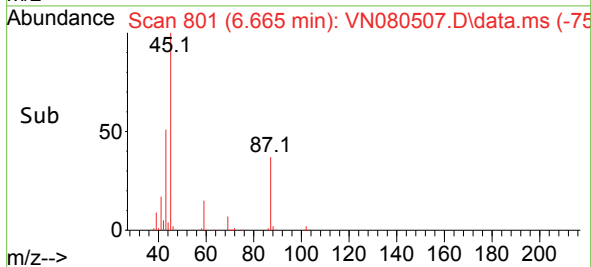
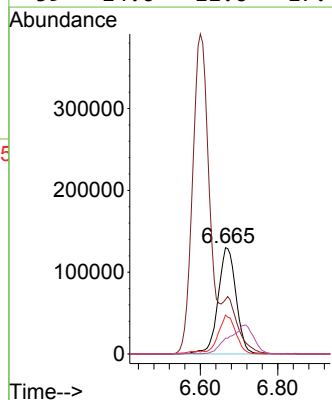
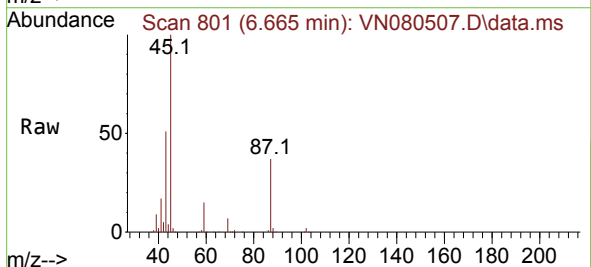
Instrument :  
MSVOA\_N  
ClientSampleId :

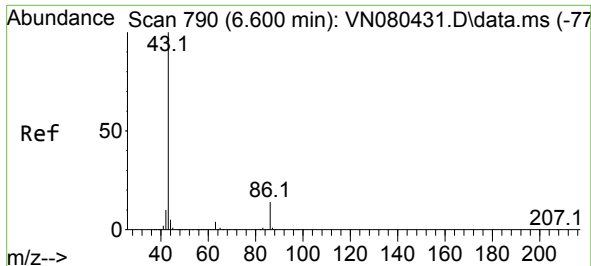
Tgt Ion: 96 Resp: 160052  
Ion Ratio Lower Upper  
96 100  
61 125.7 90.1 135.1  
98 63.7 46.4 69.6



#22  
Diisopropyl ether  
Concen: 43.899 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion: 45 Resp: 419296  
Ion Ratio Lower Upper  
45 100  
43 50.7 45.5 68.3  
87 36.6 31.8 47.8  
59 14.6 11.6 17.4

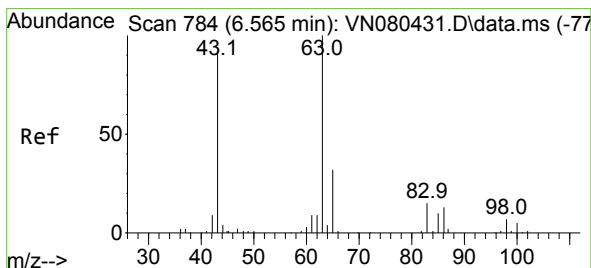
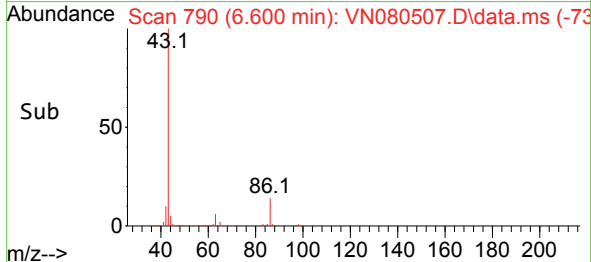
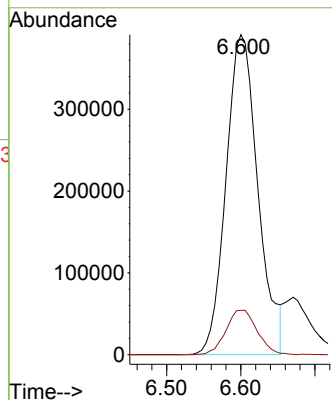
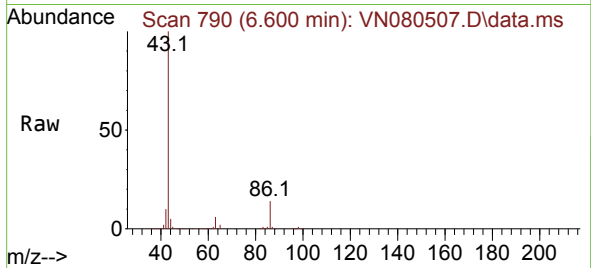




#23  
 Vinyl Acetate  
 Concen: 213.856 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN080507.D  
 Acq: 15 Dec 2023 17:19

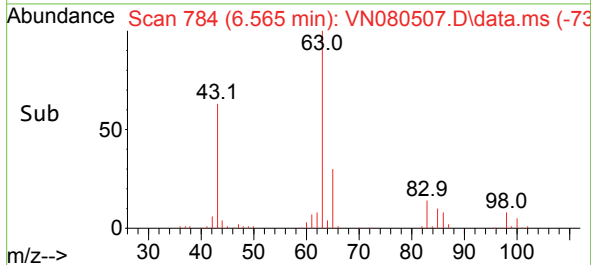
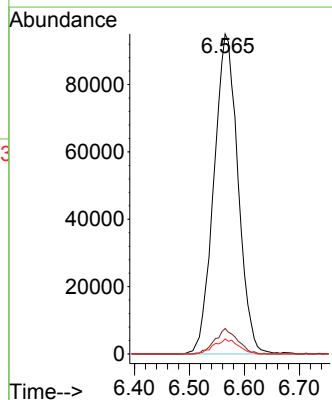
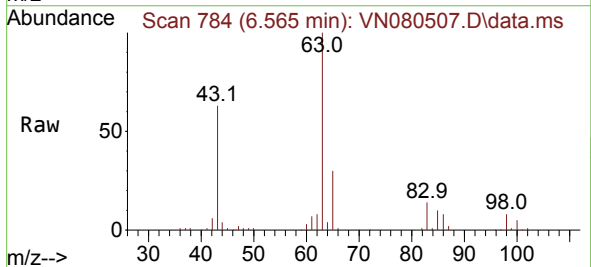
Instrument :  
 MSVOA\_N  
 ClientSampleId :

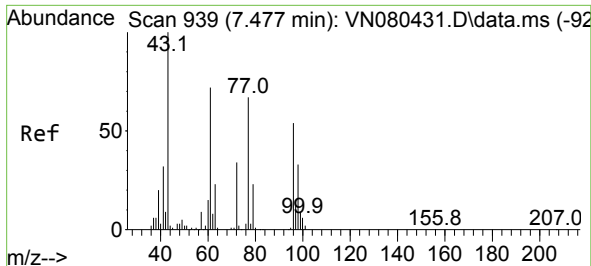
Tgt Ion: 43 Resp: 1173146  
 Ion Ratio Lower Upper  
 43 100  
 86 13.9 13.0 19.6



#24  
 1,1-Dichloroethane  
 Concen: 43.472 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VN080507.D  
 Acq: 15 Dec 2023 17:19

Tgt Ion: 63 Resp: 289692  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 3.9 11.7  
 100 4.7 2.5 7.4

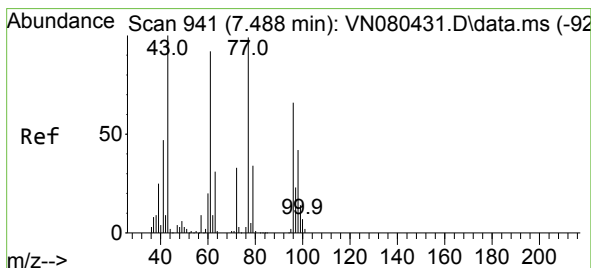
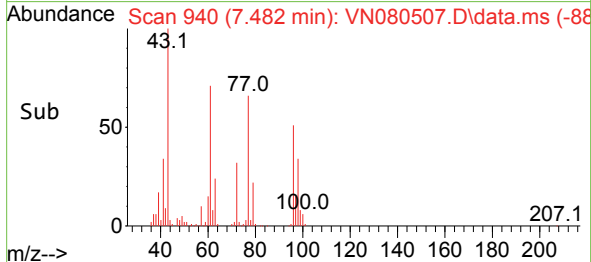
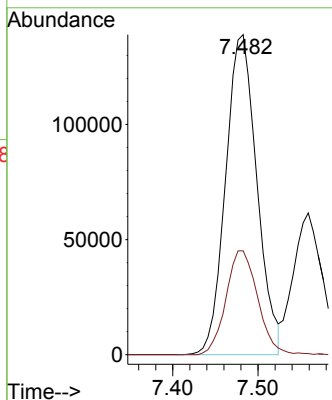
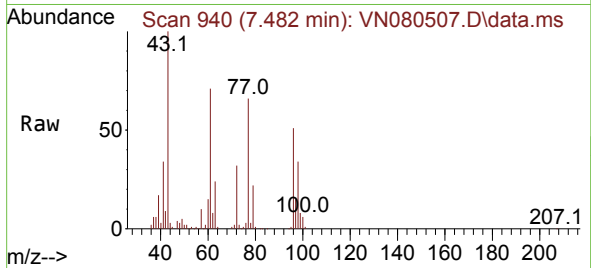




#25  
2-Butanone  
Concen: 244.479 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

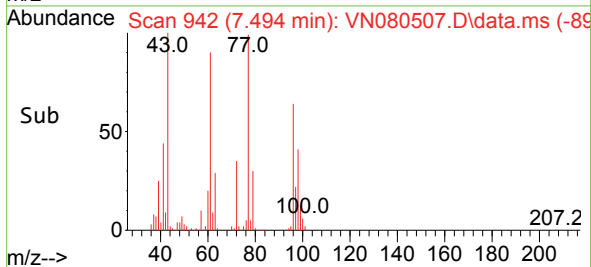
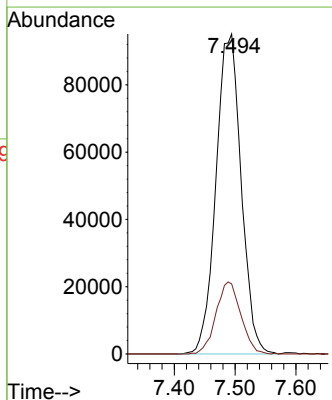
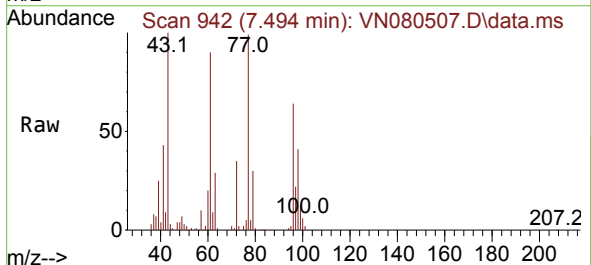
Instrument :  
MSVOA\_N  
ClientSampleId :

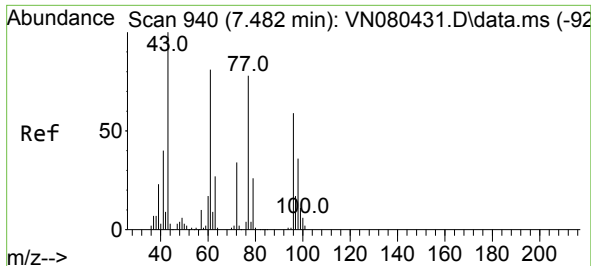
Tgt Ion: 43 Resp: 354874  
Ion Ratio Lower Upper  
43 100  
72 32.4 30.2 45.2



#26  
2,2-Dichloropropane  
Concen: 40.088 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion: 77 Resp: 273168  
Ion Ratio Lower Upper  
77 100  
97 22.2 11.2 33.6

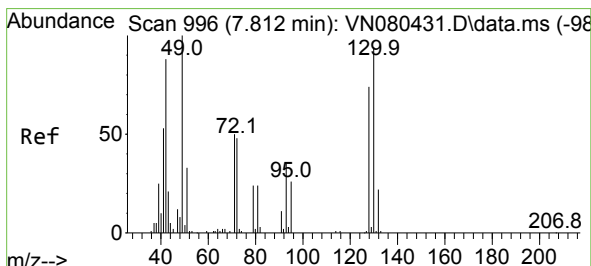
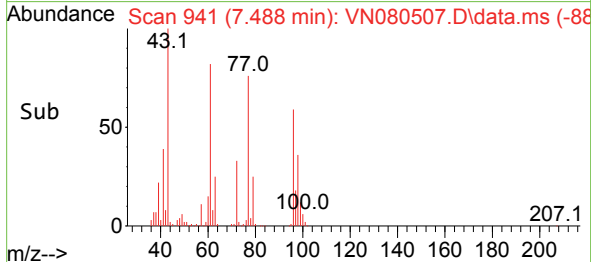
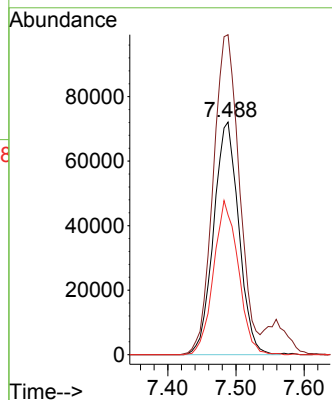
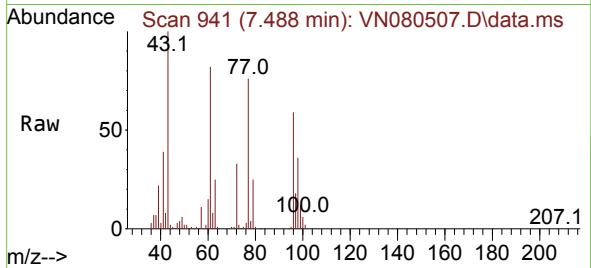




#27  
 cis-1,2-Dichloroethene  
 Concen: 42.226 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN080507.D  
 Acq: 15 Dec 2023 17:19

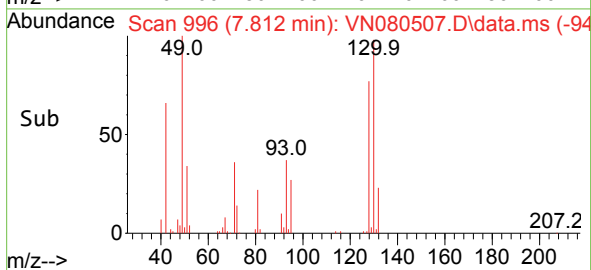
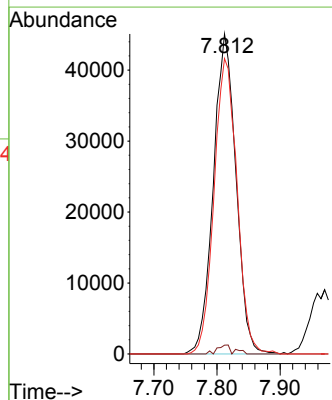
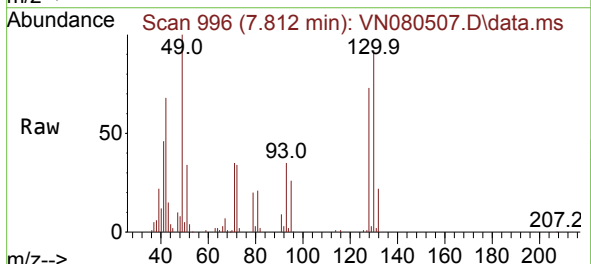
Instrument :  
 MSVOA\_N  
 ClientSampleId :

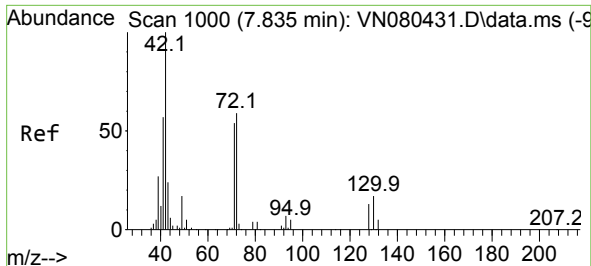
Tgt Ion: 96 Resp: 185371  
 Ion Ratio Lower Upper  
 96 100  
 61 143.0 0.0 255.2  
 98 65.2 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 43.822 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.000 min  
 Lab File: VN080507.D  
 Acq: 15 Dec 2023 17:19

Tgt Ion: 49 Resp: 112123  
 Ion Ratio Lower Upper  
 49 100  
 129 1.5 0.0 4.8  
 130 93.7 75.3 112.9

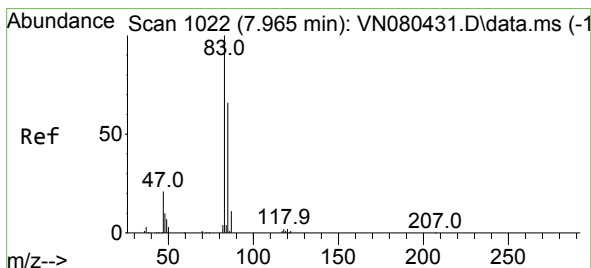
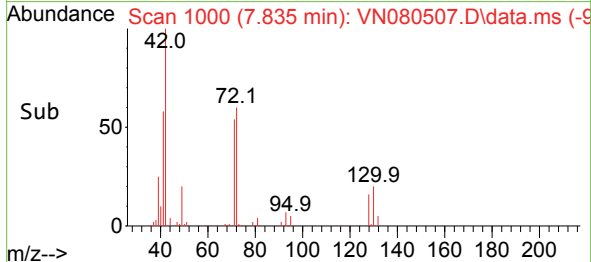
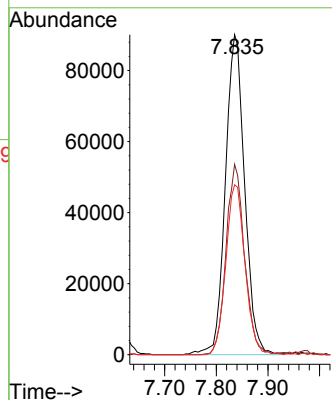
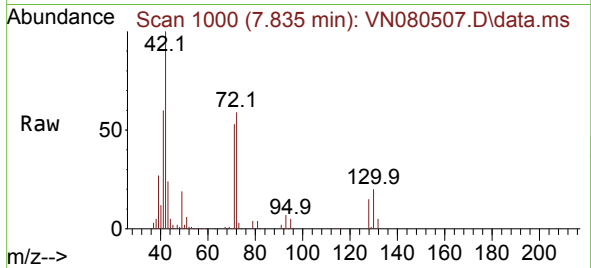




#29  
Tetrahydrofuran  
Concen: 224.548 ug/l  
RT: 7.835 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

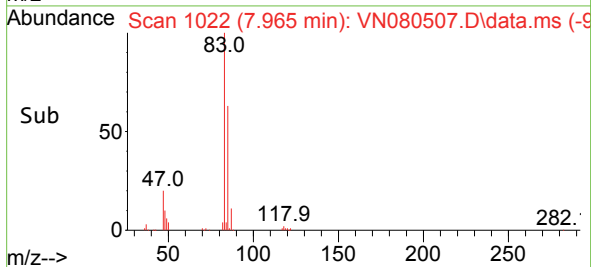
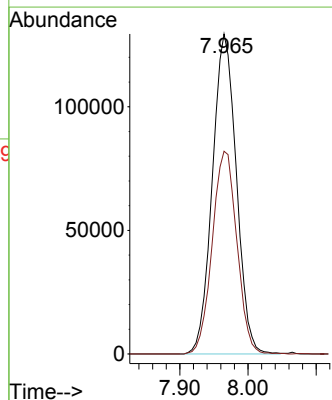
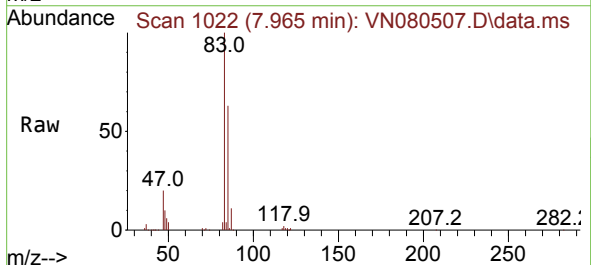
Instrument :  
MSVOA\_N  
ClientSampleId :

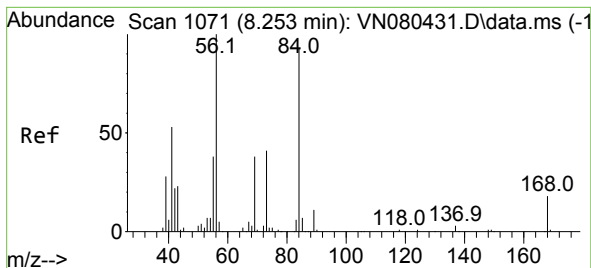
Tgt Ion: 42 Resp: 233402  
Ion Ratio Lower Upper  
42 100  
72 56.8 49.8 74.6  
71 53.0 47.4 71.2



#30  
Chloroform  
Concen: 42.877 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion: 83 Resp: 317159  
Ion Ratio Lower Upper  
83 100  
85 63.3 55.4 83.0





#31

Cyclohexane

Concen: 39.770 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

ClientSampleId :

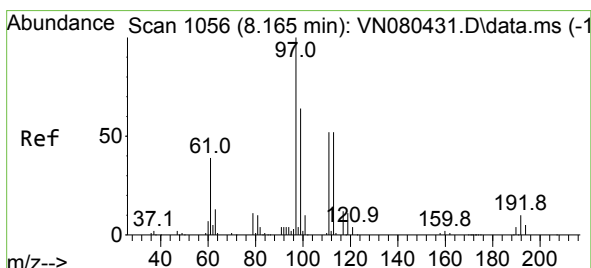
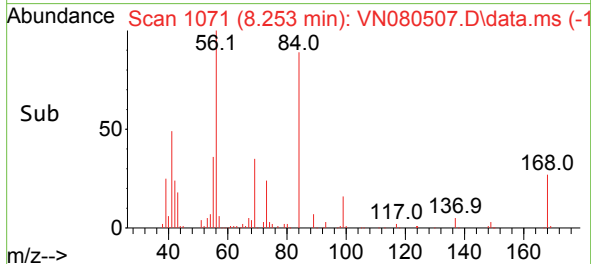
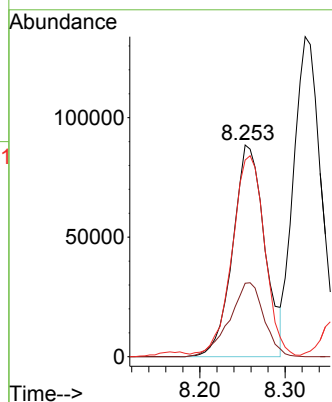
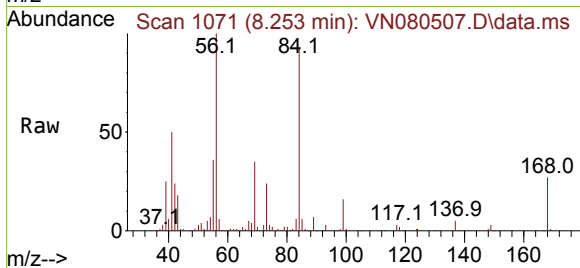
Tgt Ion: 56 Resp: 229833

Ion Ratio Lower Upper

56 100

69 34.3 26.8 40.2

84 90.6 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 41.604 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

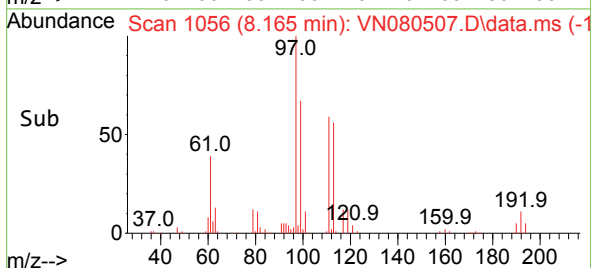
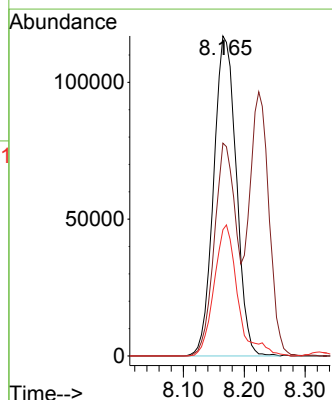
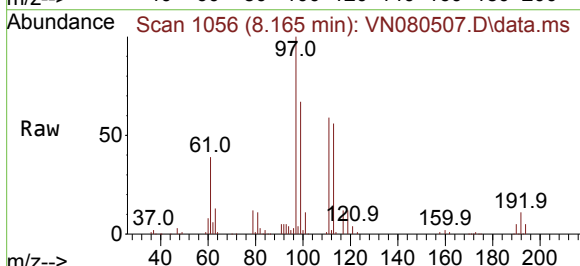
Tgt Ion: 97 Resp: 301319

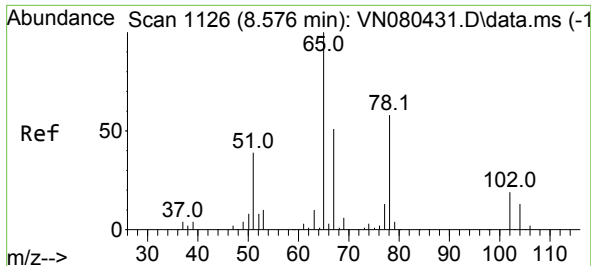
Ion Ratio Lower Upper

97 100

99 63.5 50.3 75.5

61 42.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.365 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

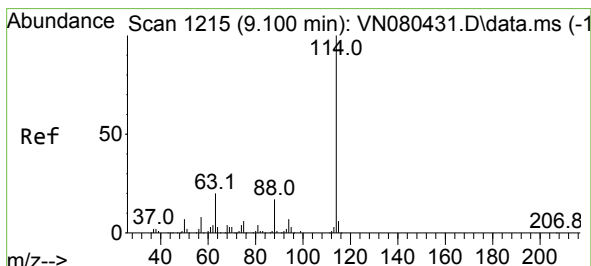
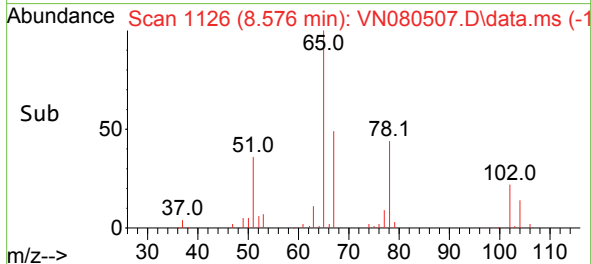
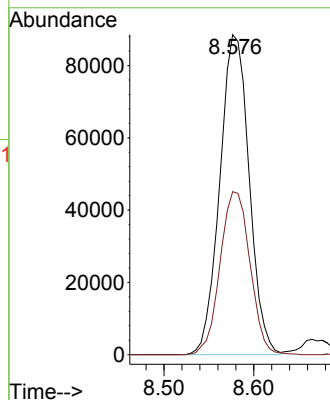
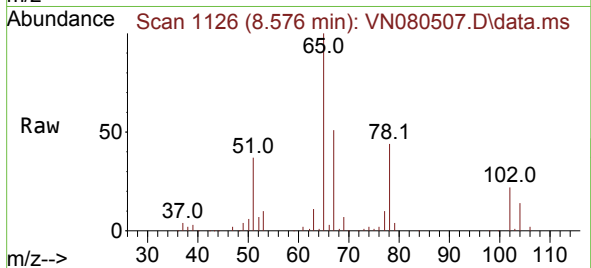
ClientSampleId :

Tgt Ion: 65 Resp: 201282

Ion Ratio Lower Upper

65 100

67 51.9 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: VN080507.D

Acq: 15 Dec 2023 17:19

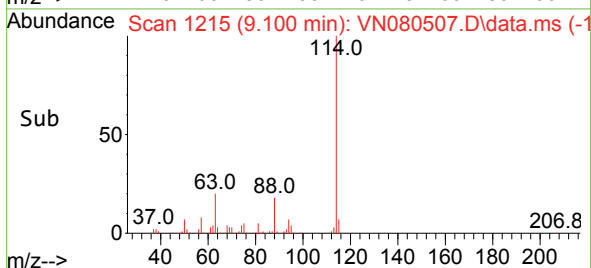
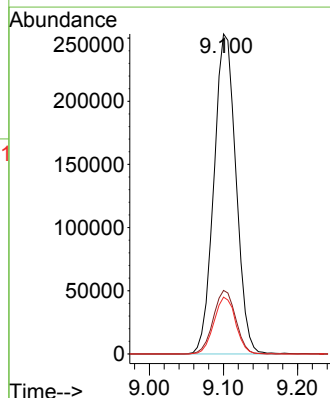
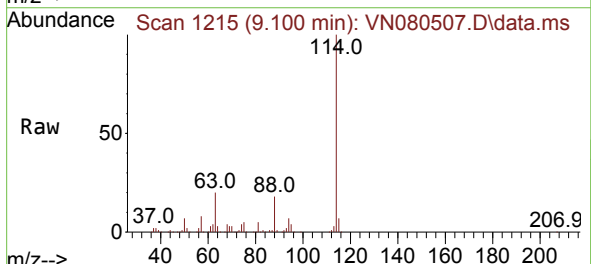
Tgt Ion: 114 Resp: 524147

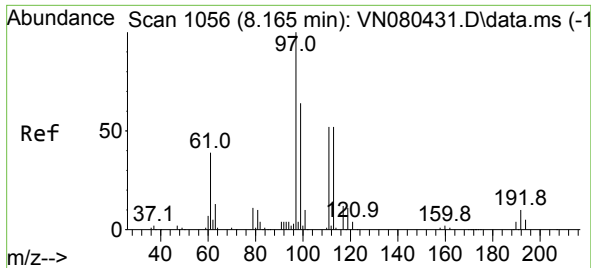
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 17.8 0.0 30.6

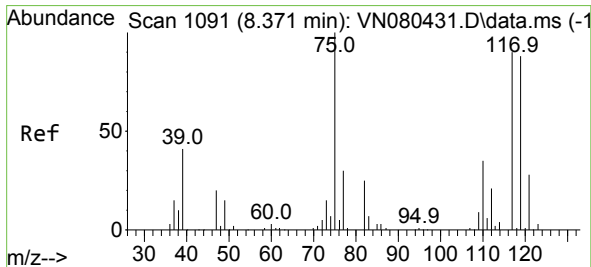
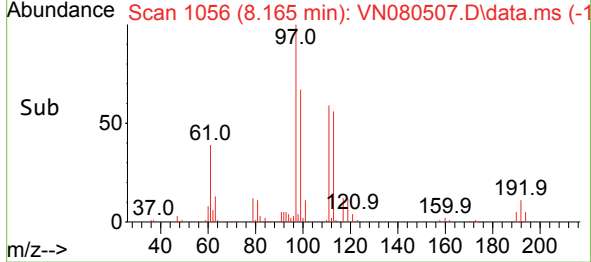
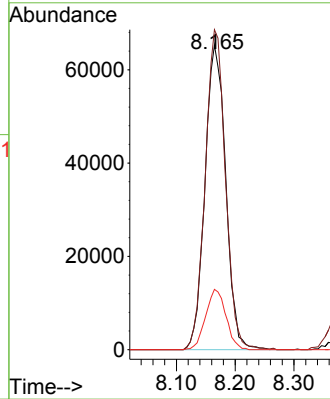
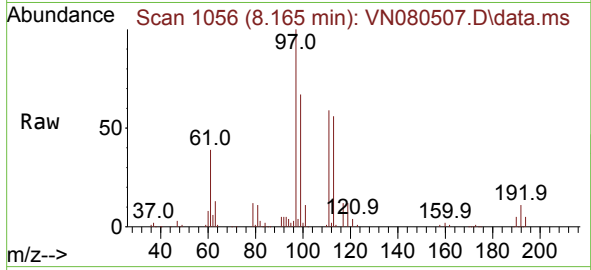




#35  
Dibromofluoromethane  
Concen: 48.217 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

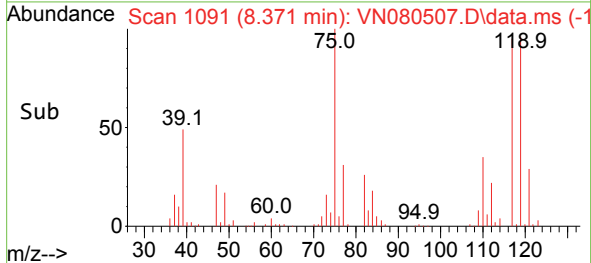
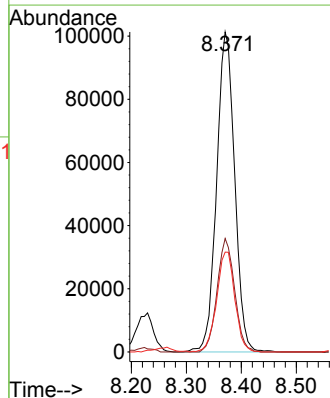
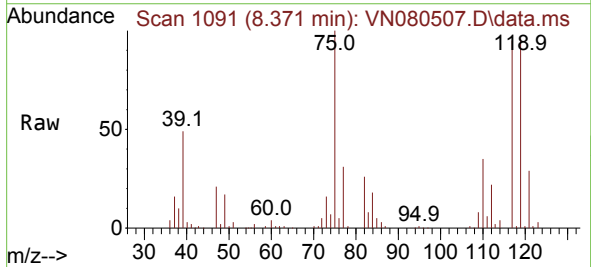
Instrument :  
MSVOA\_N  
ClientSampleId :

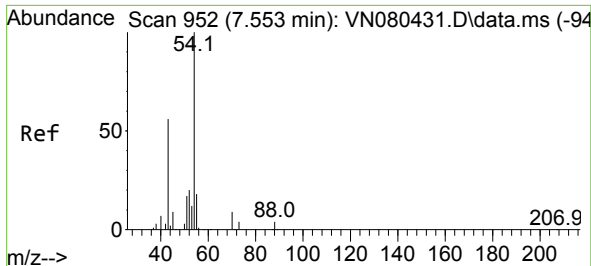
Tgt Ion:113 Resp: 160240  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.6 123.8  
192 19.4 12.7 19.1#



#36  
1,1-Dichloropropene  
Concen: 42.527 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

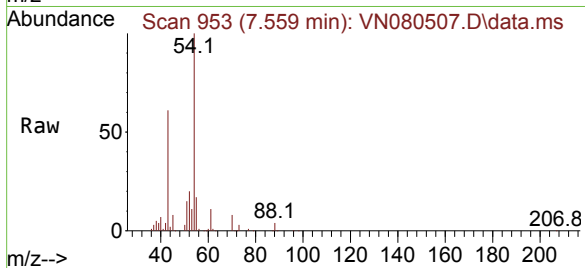
Tgt Ion: 75 Resp: 231083  
Ion Ratio Lower Upper  
75 100  
110 34.3 19.1 57.3  
77 31.5 25.0 37.4



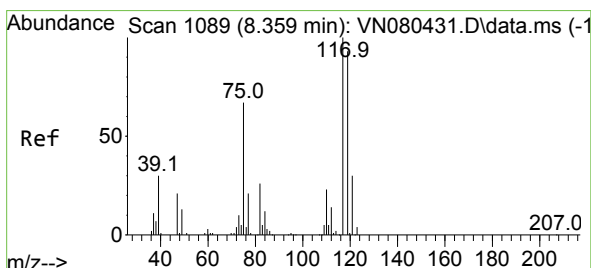
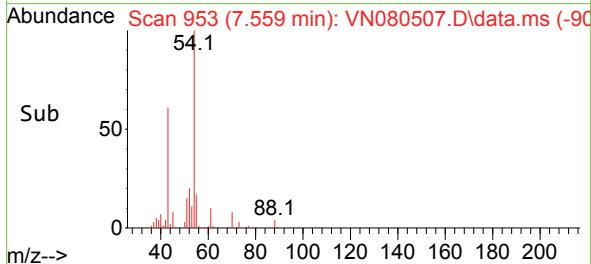
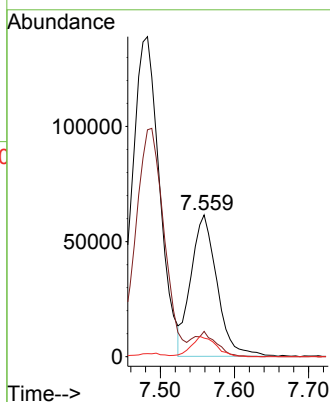


#37  
Ethyl Acetate  
Concen: 44.127 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Instrument :  
MSVOA\_N  
ClientSampleId :

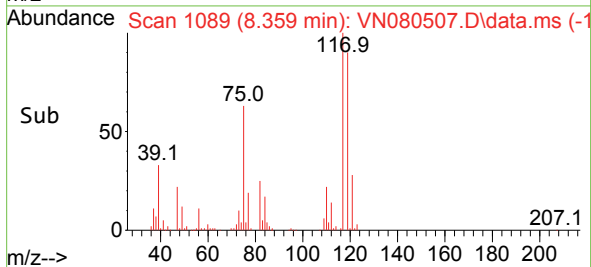
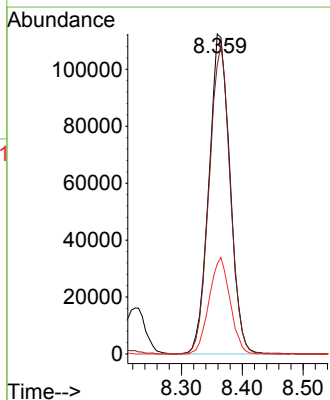
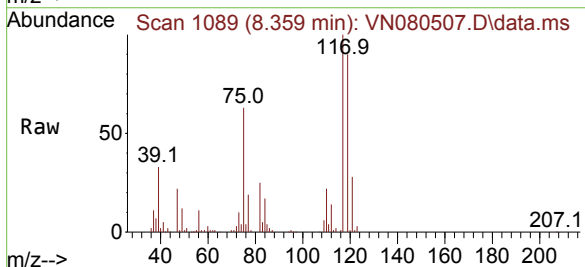


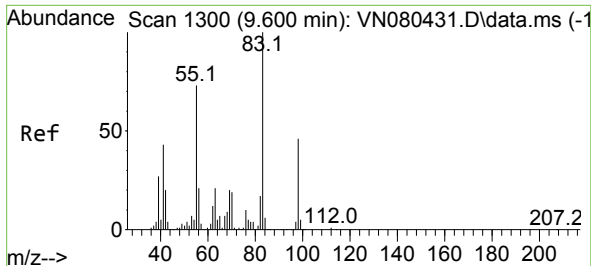
Tgt Ion: 43 Resp: 150149  
Ion Ratio Lower Upper  
43 100  
61 15.8 13.2 19.8  
70 13.8 11.3 16.9



#38  
Carbon Tetrachloride  
Concen: 41.636 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

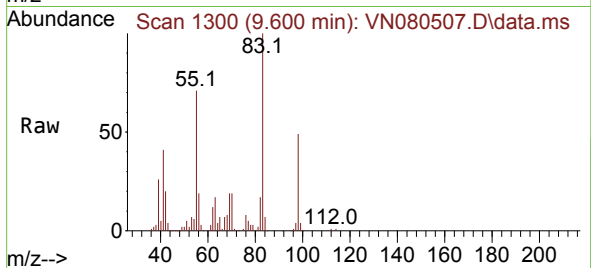
Tgt Ion: 117 Resp: 270333  
Ion Ratio Lower Upper  
117 100  
119 90.3 77.3 115.9  
121 28.2 23.3 34.9



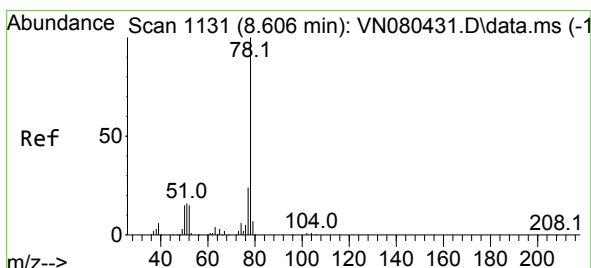
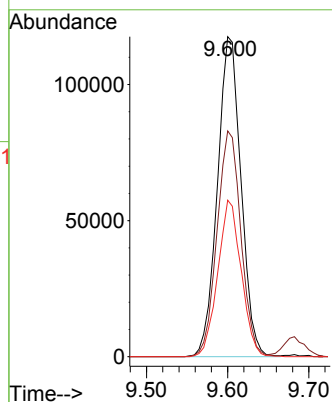
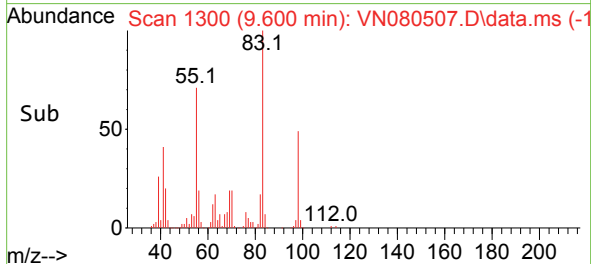


#39  
Methylcyclohexane  
Concen: 42.104 ug/l  
RT: 9.600 min Scan# 11300  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Instrument :  
MSVOA\_N  
ClientSampleId :

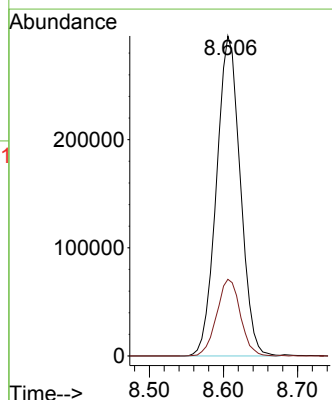
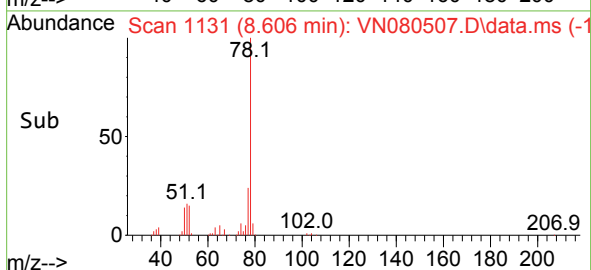
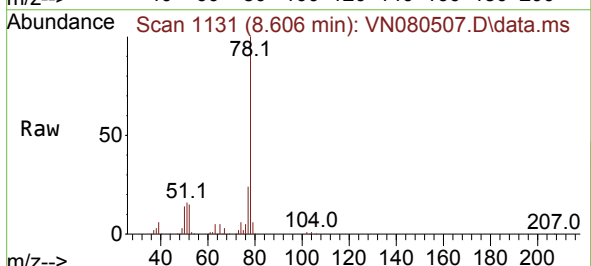


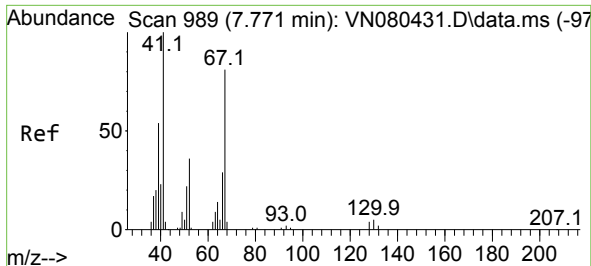
Tgt Ion: 83 Resp: 237675  
Ion Ratio Lower Upper  
83 100  
55 70.6 49.1 73.7  
98 48.9 40.6 61.0



#40  
Benzene  
Concen: 42.046 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

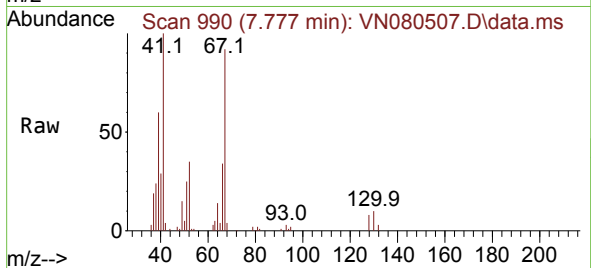
Tgt Ion: 78 Resp: 659749  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.0 28.6



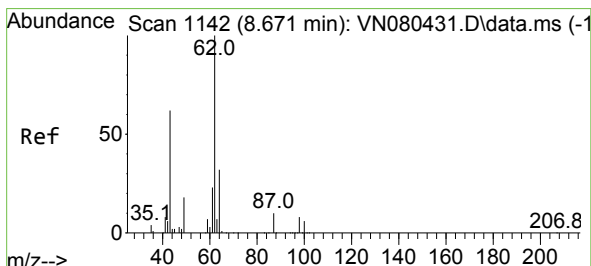
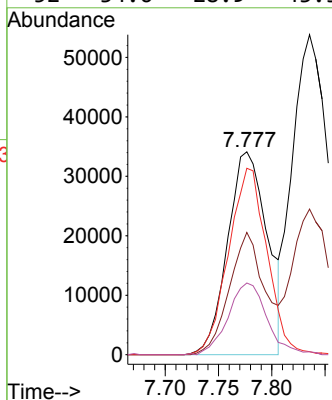
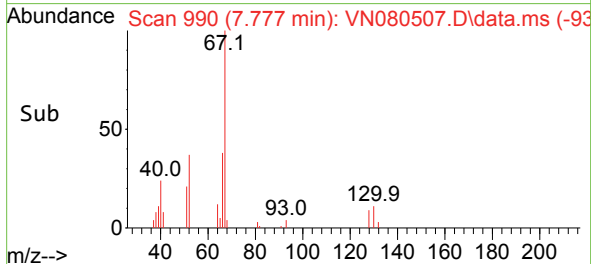


#41  
Methacrylonitrile  
Concen: 45.183 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

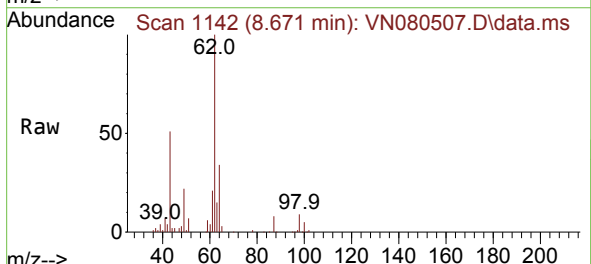
Instrument :  
MSVOA\_N  
ClientSampleId :



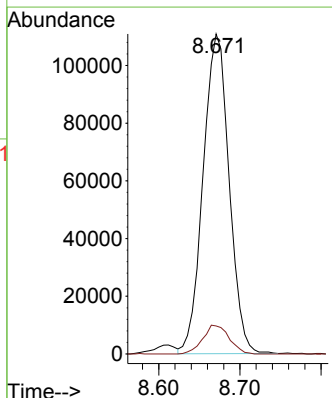
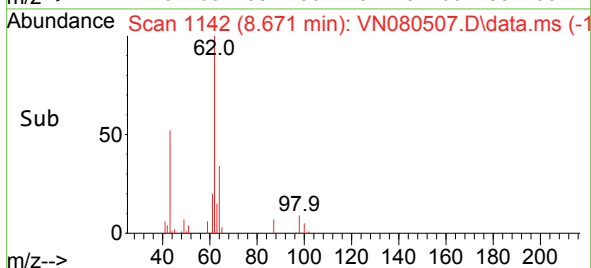
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 88634 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.0  | 42.6  | 64.0  |
| 67       | 89.3  | 77.5  | 116.3 |
| 52       | 34.6  | 28.9  | 43.3  |

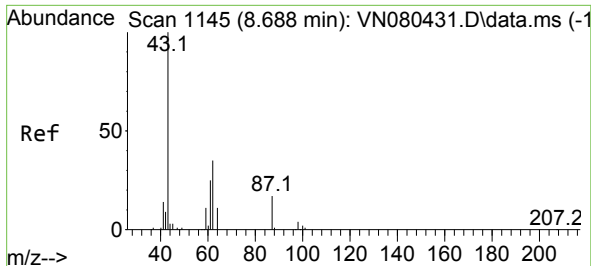


#42  
1,2-Dichloroethane  
Concen: 42.472 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 246782 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.1   | 0.0   | 19.8   |

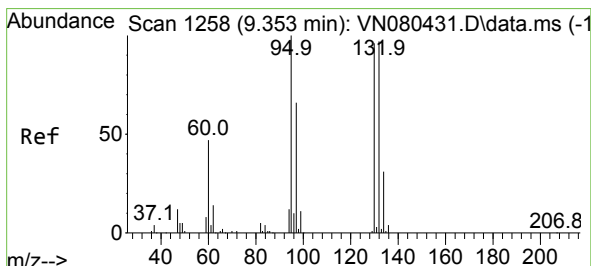
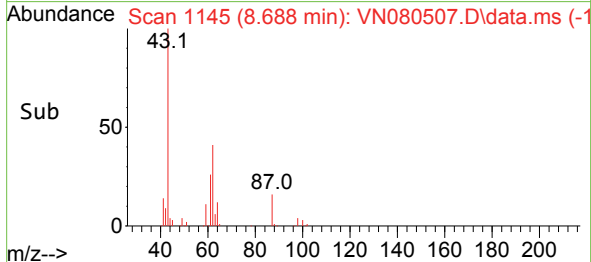
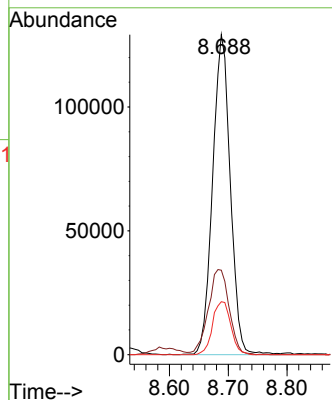
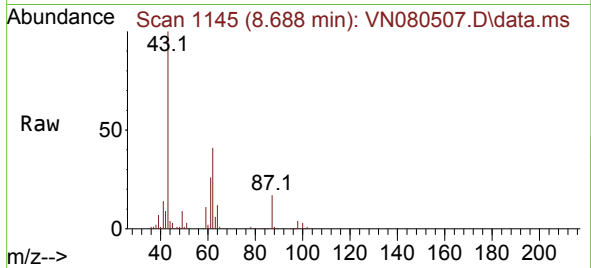




#43  
Isopropyl Acetate  
Concen: 44.150 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

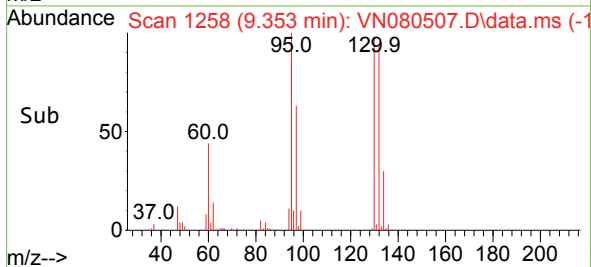
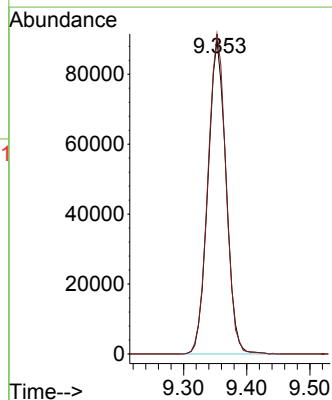
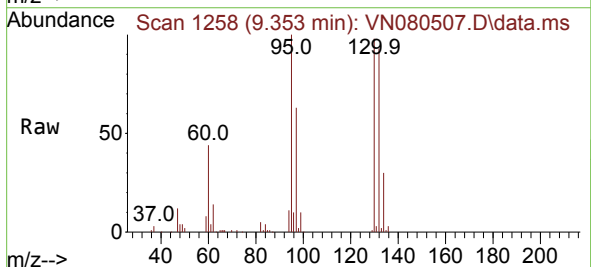
Instrument :  
MSVOA\_N  
ClientSampleId :

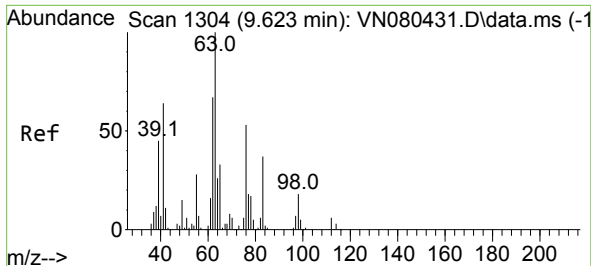
Tgt Ion: 43 Resp: 270115  
Ion Ratio Lower Upper  
43 100  
61 31.2 24.7 37.1  
87 17.1 14.6 21.8



#44  
Trichloroethene  
Concen: 42.326 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion:130 Resp: 179041  
Ion Ratio Lower Upper  
130 100  
95 102.2 0.0 204.6

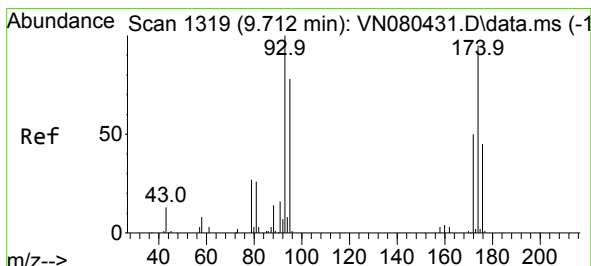
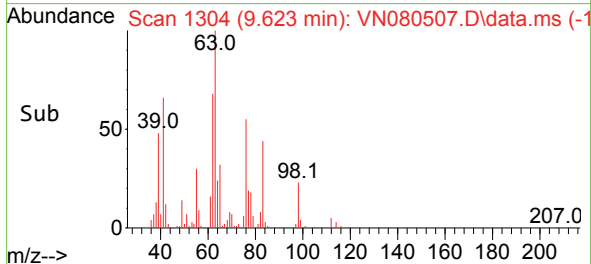
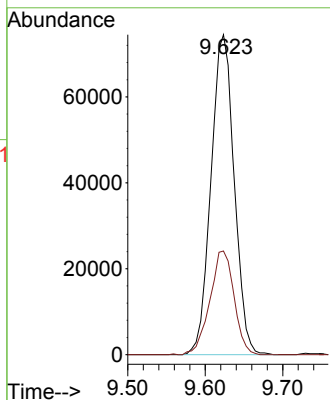
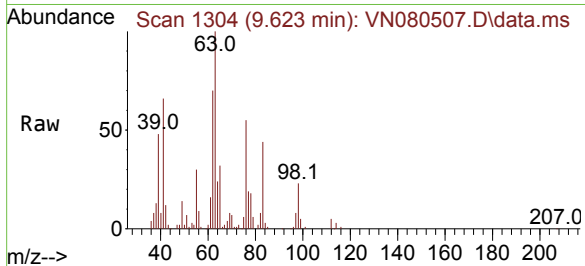




#45  
1,2-Dichloropropane  
Concen: 42.029 ug/l  
RT: 9.623 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

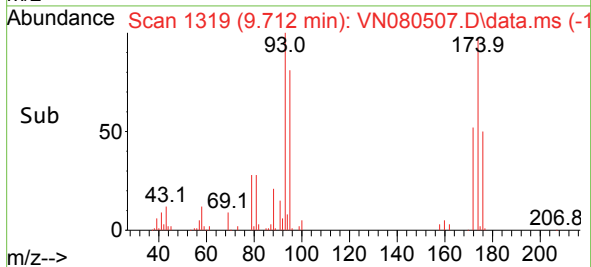
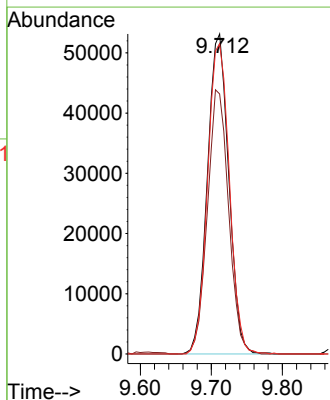
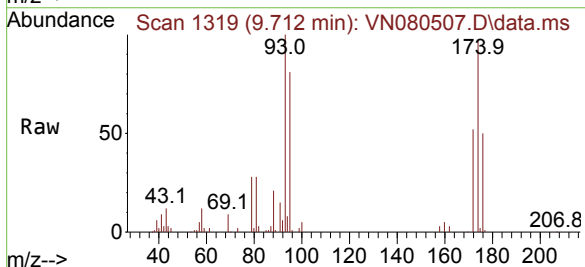
Instrument :  
MSVOA\_N  
ClientSampleId :

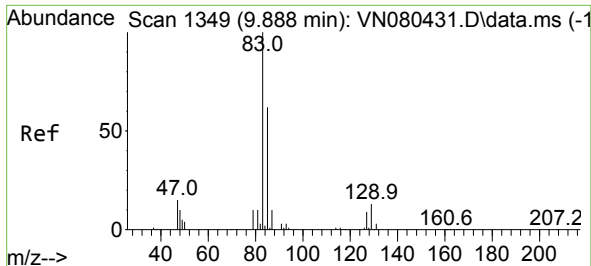
Tgt Ion: 63 Resp: 154889  
Ion Ratio Lower Upper  
63 100  
65 32.4 23.9 35.9



#46  
Dibromomethane  
Concen: 41.934 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion: 93 Resp: 110981  
Ion Ratio Lower Upper  
93 100  
95 82.0 63.8 95.8  
174 98.8 65.6 98.4#

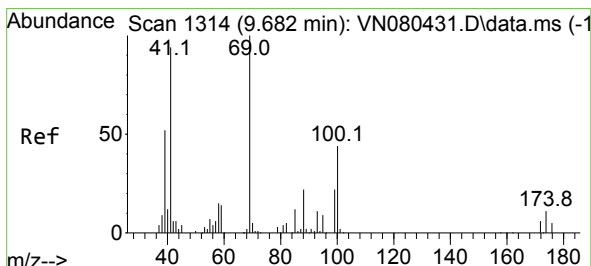
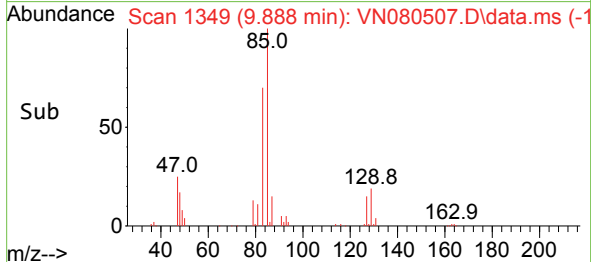
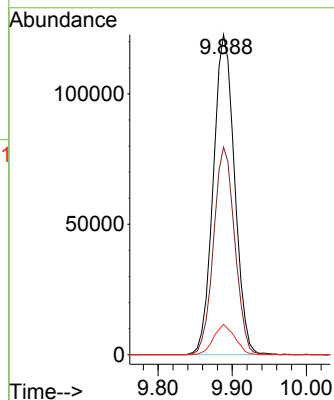
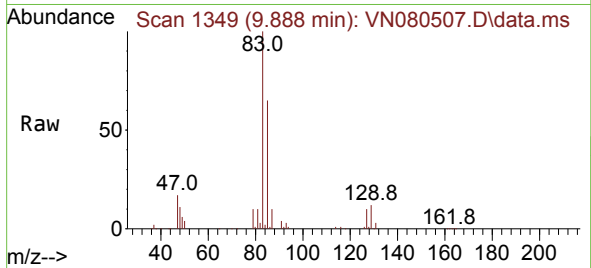




#47  
Bromodichloromethane  
Concen: 43.148 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

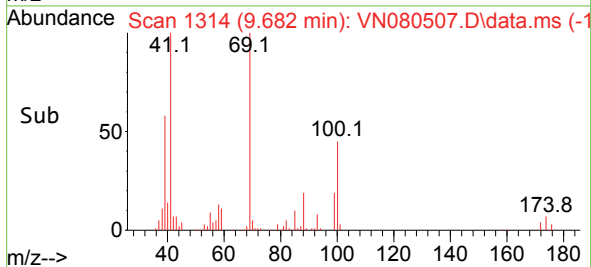
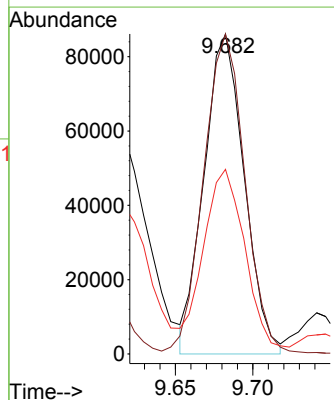
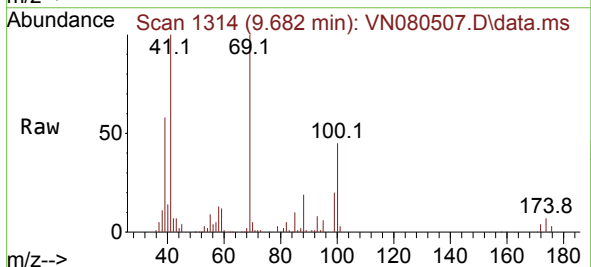
Instrument :  
MSVOA\_N  
ClientSampleId :

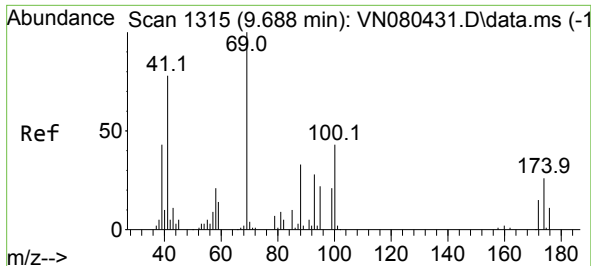
Tgt Ion: 83 Resp: 244740  
Ion Ratio Lower Upper  
83 100  
85 64.8 49.6 74.4  
127 9.5 7.0 10.6



#48  
Methyl methacrylate  
Concen: 42.571 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion: 41 Resp: 155427  
Ion Ratio Lower Upper  
41 100  
69 103.2 90.4 135.6  
39 60.4 54.6 81.8





#49

1,4-Dioxane

Concen: 923.882 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

ClientSampleId :

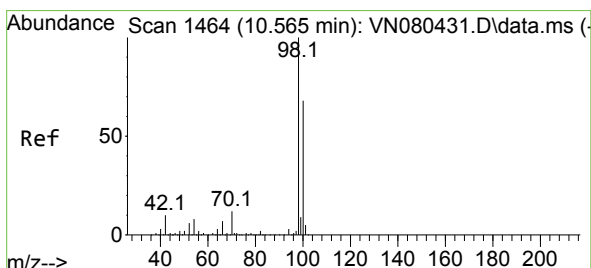
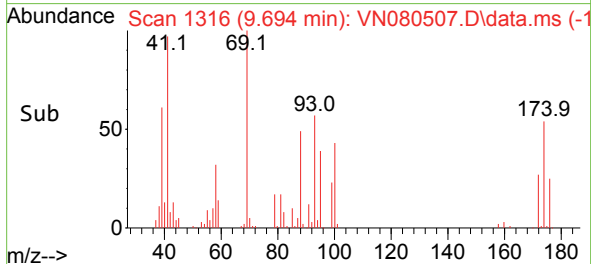
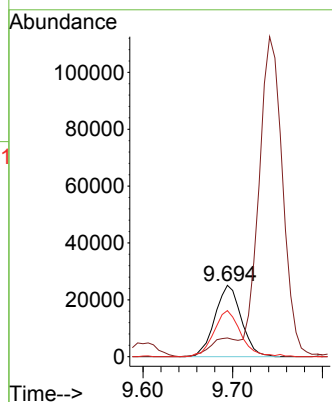
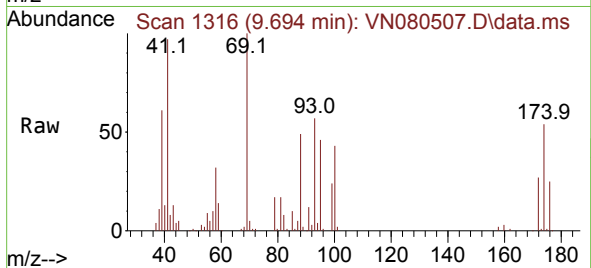
Tgt Ion: 88 Resp: 51127

Ion Ratio Lower Upper

88 100

43 27.5 17.0 25.6#

58 66.2 47.0 70.4



#50

Toluene-d8

Concen: 48.126 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080507.D

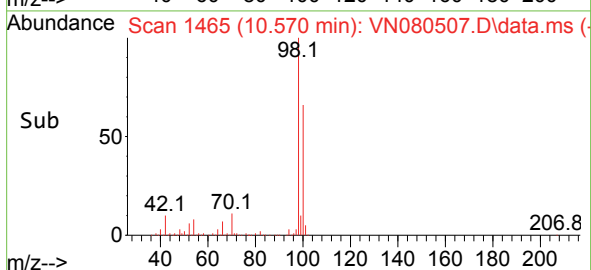
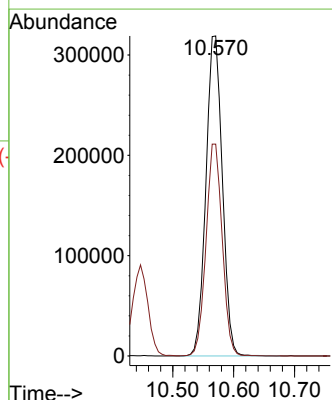
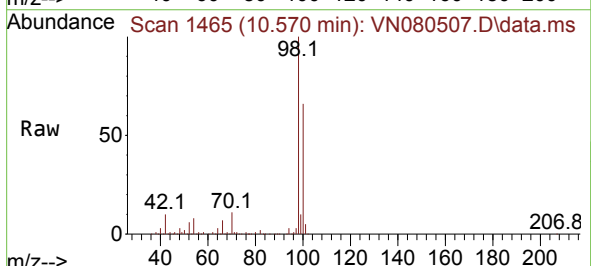
Acq: 15 Dec 2023 17:19

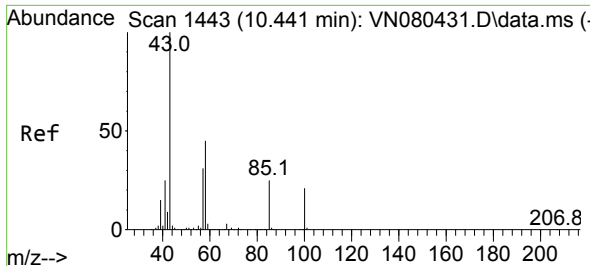
Tgt Ion: 98 Resp: 596480

Ion Ratio Lower Upper

98 100

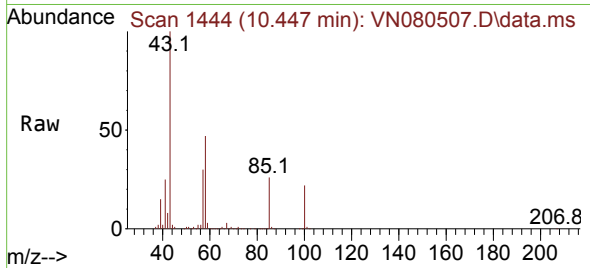
100 65.5 52.0 78.0



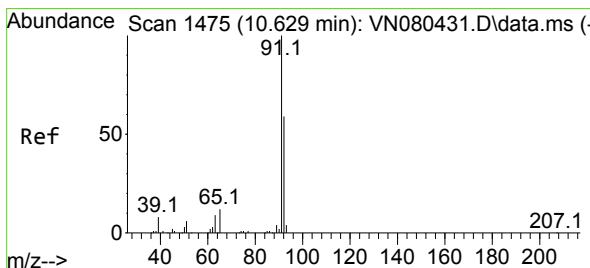
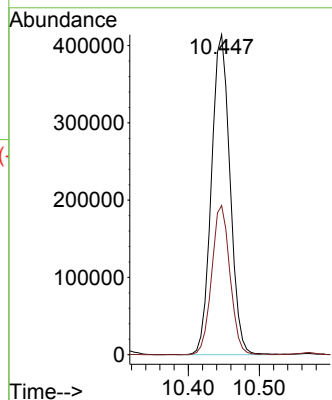
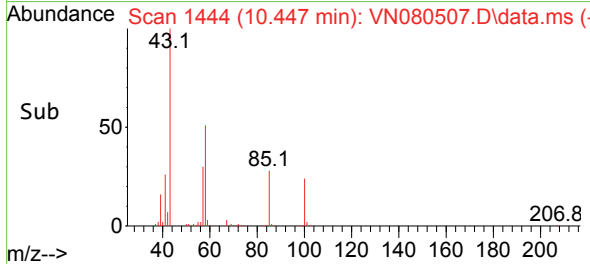


#51  
4-Methyl-2-Pentanone  
Concen: 222.990 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Instrument :  
MSVOA\_N  
ClientSampleId :

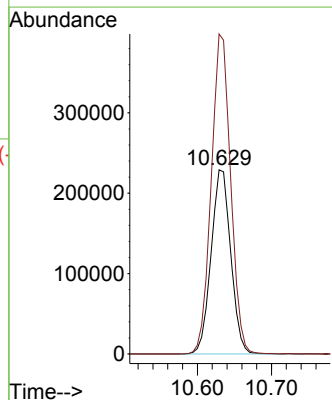
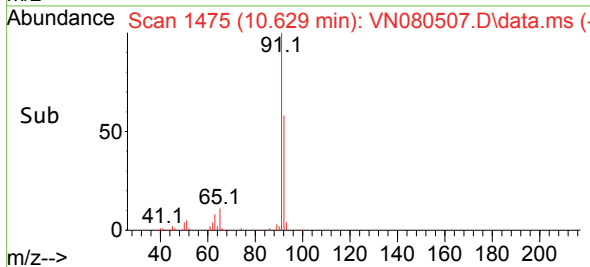
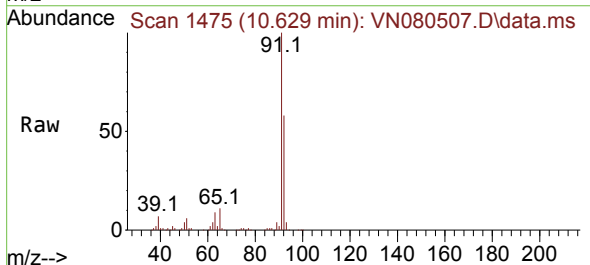


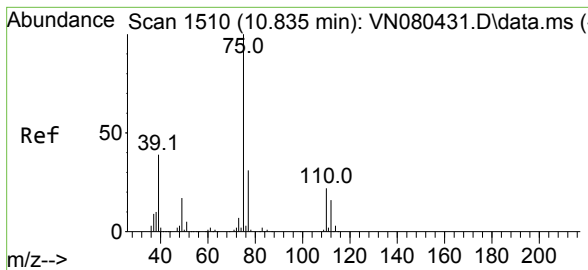
Tgt Ion: 43 Resp: 751362  
Ion Ratio Lower Upper  
43 100  
58 45.9 36.6 54.8



#52  
Toluene  
Concen: 42.537 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion: 92 Resp: 421649  
Ion Ratio Lower Upper  
92 100  
91 171.5 137.4 206.0

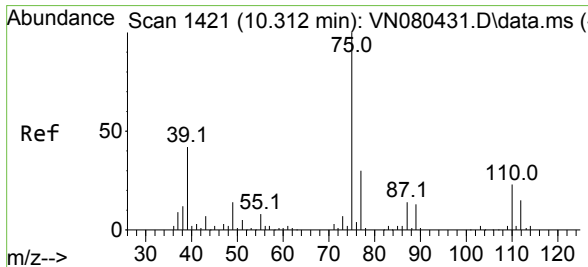
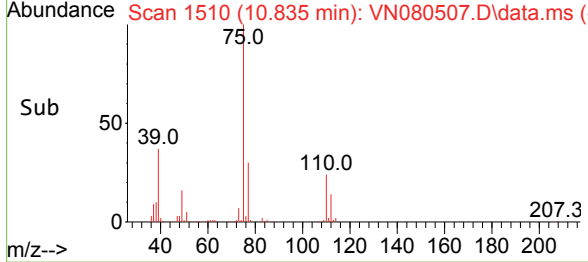
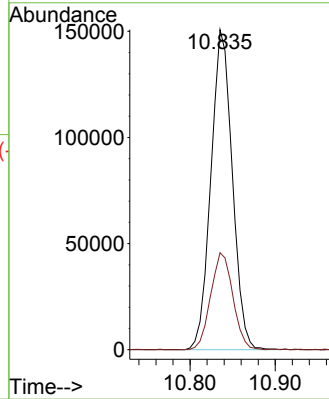
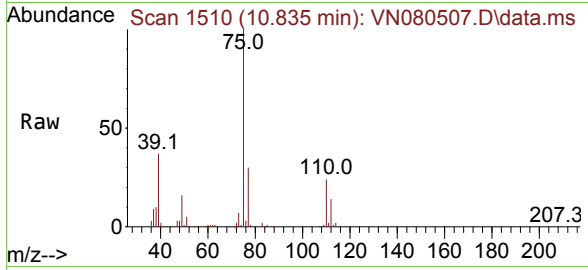




#53  
 t-1,3-Dichloropropene  
 Concen: 42.818 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN080507.D  
 Acq: 15 Dec 2023 17:19

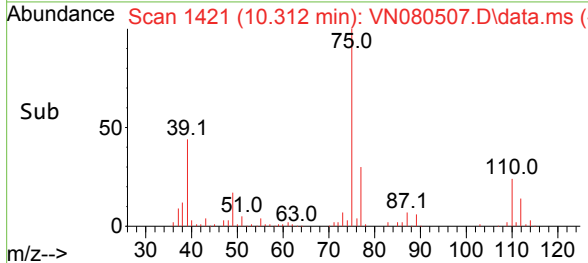
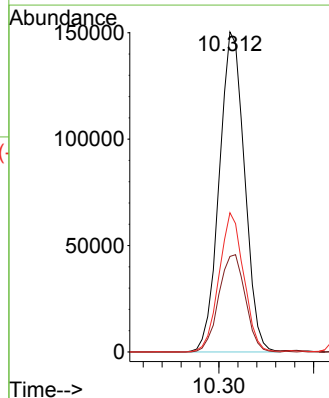
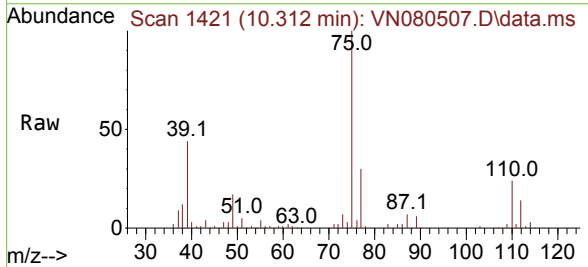
Instrument :  
 MSVOA\_N  
 ClientSampleId :

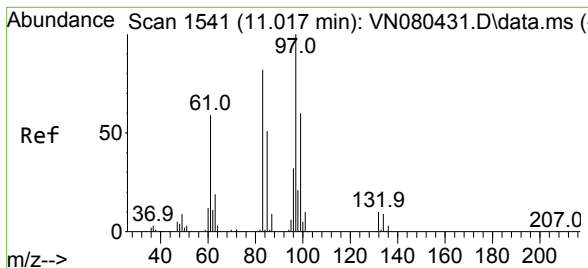
Tgt Ion: 75 Resp: 262770  
 Ion Ratio Lower Upper  
 75 100  
 77 30.3 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 42.521 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN080507.D  
 Acq: 15 Dec 2023 17:19

Tgt Ion: 75 Resp: 278916  
 Ion Ratio Lower Upper  
 75 100  
 77 29.9 26.1 39.1  
 39 43.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 44.087 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

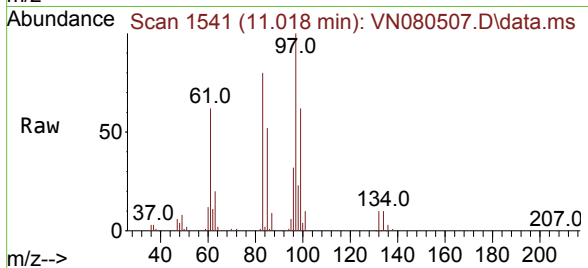
Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 157246

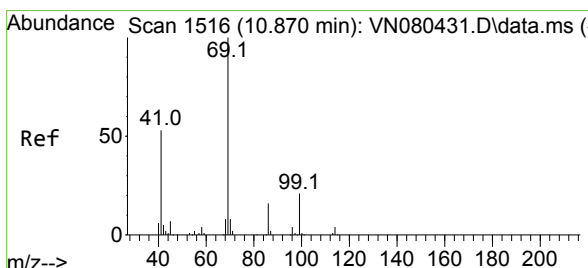
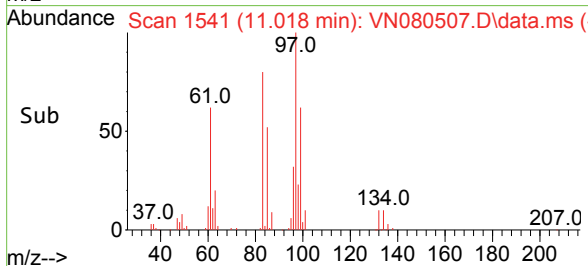
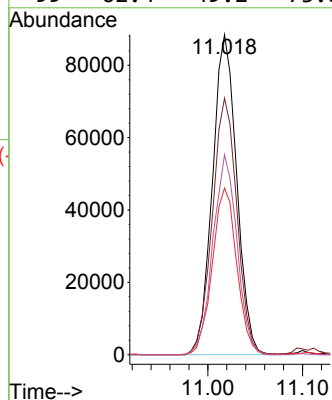
Ion Ratio Lower Upper

97 100

83 80.1 65.1 97.7

85 52.1 43.4 65.2

99 62.4 49.2 73.8



#56

Ethyl methacrylate

Concen: 44.126 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

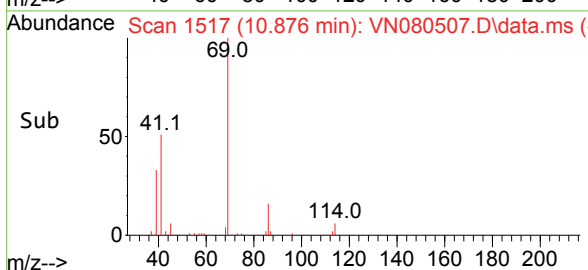
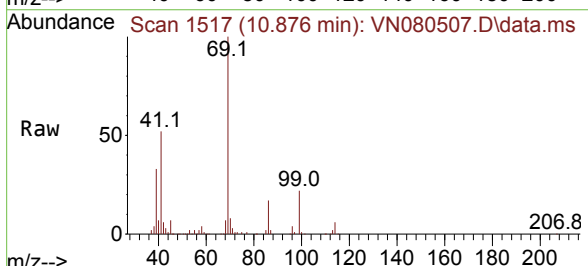
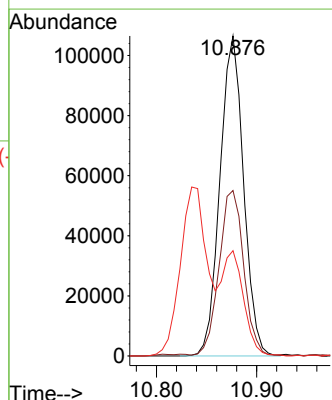
Tgt Ion: 69 Resp: 174249

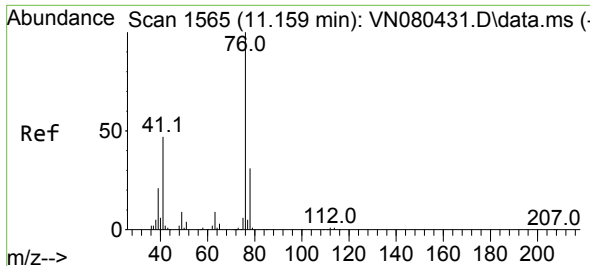
Ion Ratio Lower Upper

69 100

41 53.6 39.6 59.4

39 30.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 43.075 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

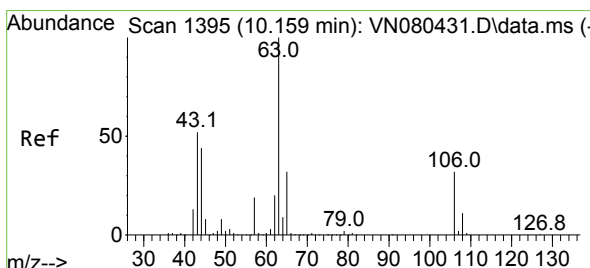
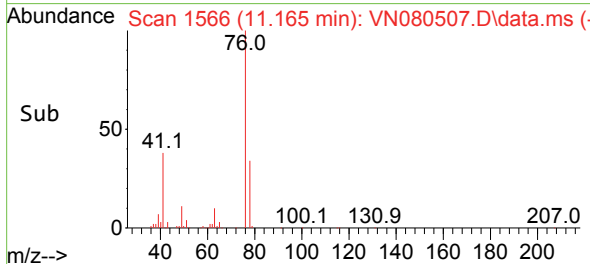
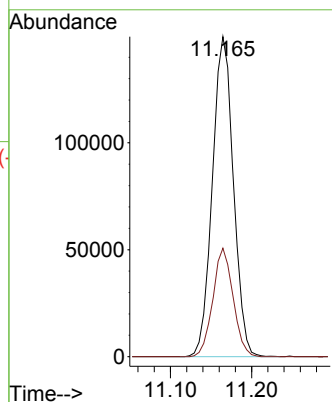
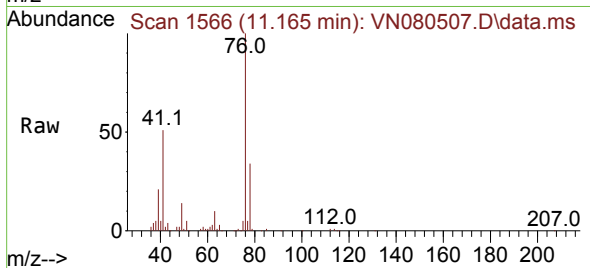
ClientSampleId :

Tgt Ion: 76 Resp: 269323

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 186.426 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080507.D

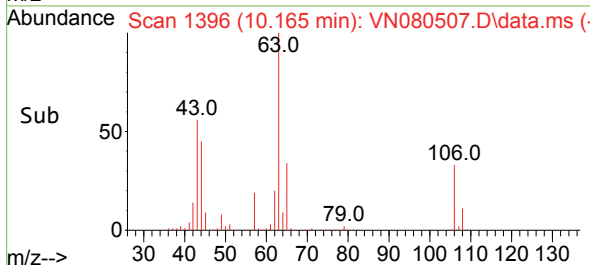
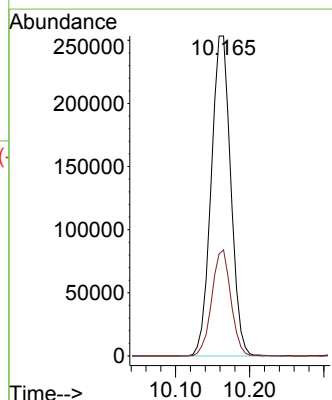
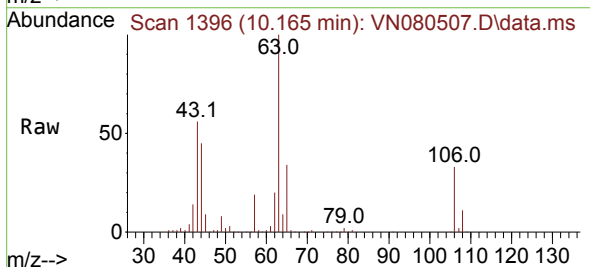
Acq: 15 Dec 2023 17:19

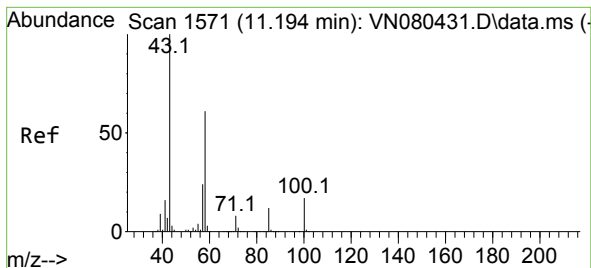
Tgt Ion: 63 Resp: 464744

Ion Ratio Lower Upper

63 100

106 32.3 26.2 39.4

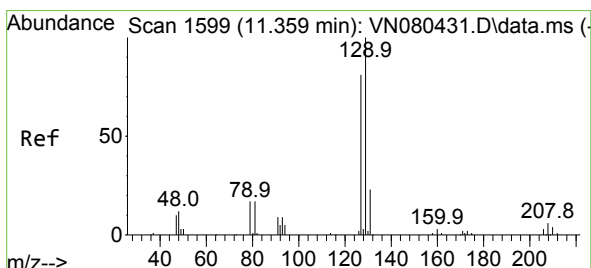
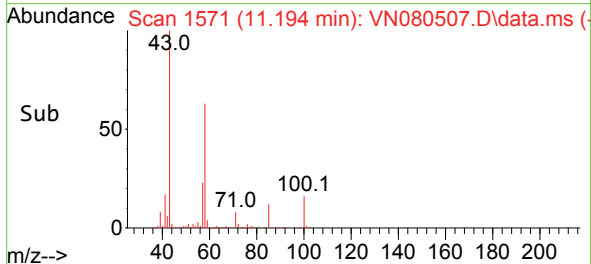
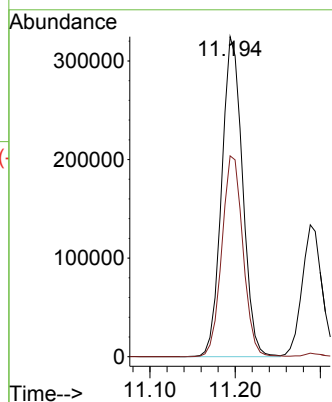
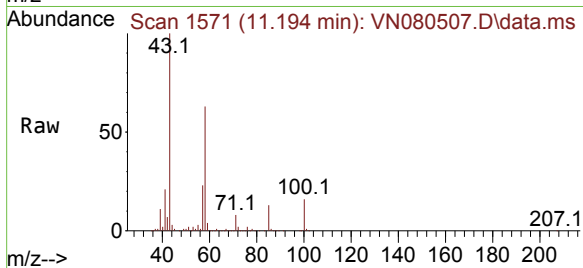




#59  
2-Hexanone  
Concen: 221.805 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

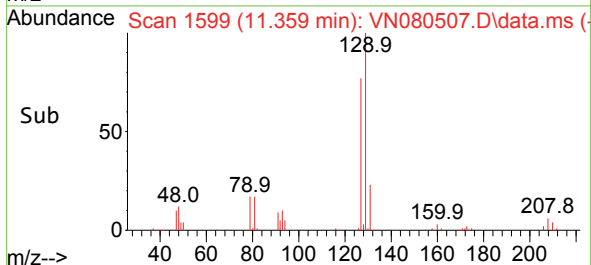
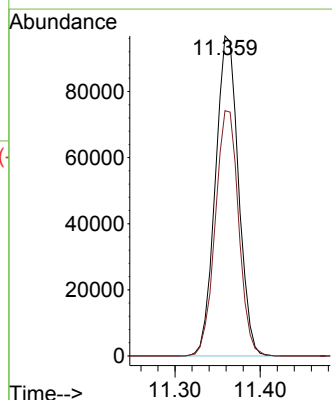
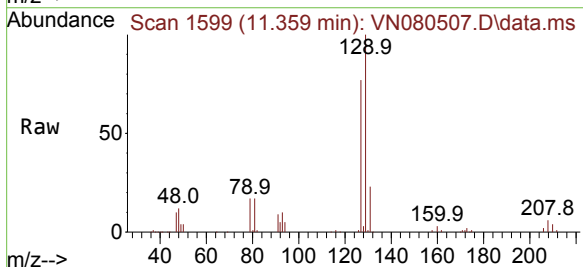
Instrument :  
MSVOA\_N  
ClientSampleId :

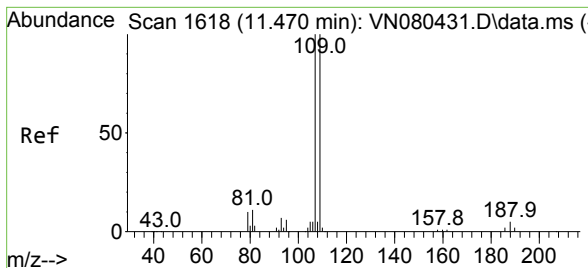
Tgt Ion: 43 Resp: 551743  
Ion Ratio Lower Upper  
43 100  
58 63.4 31.7 95.1



#60  
Dibromochloromethane  
Concen: 43.140 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion:129 Resp: 182328  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.6 116.0

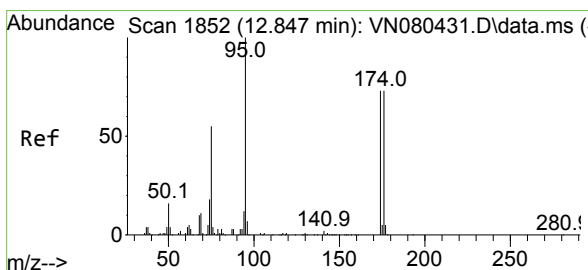
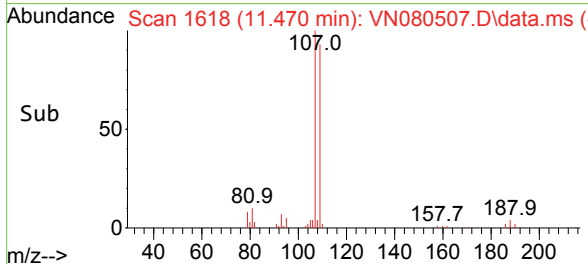
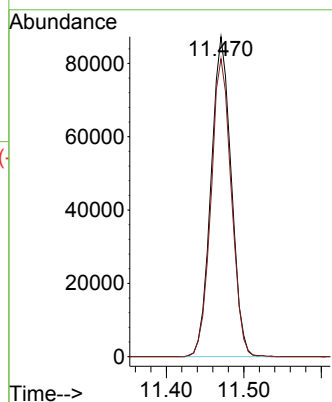
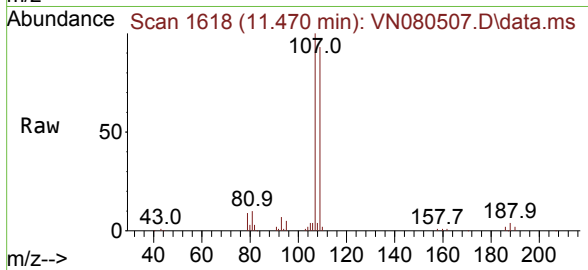




#61  
 1,2-Dibromoethane  
 Concen: 42.911 ug/l  
 RT: 11.470 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN080507.D  
 Acq: 15 Dec 2023 17:19

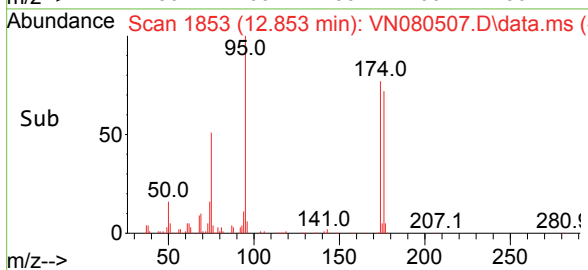
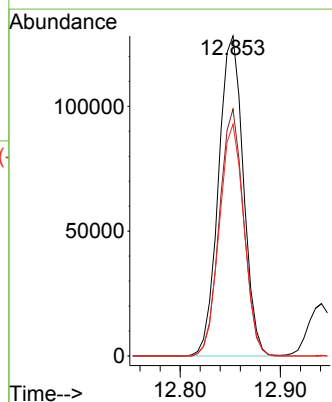
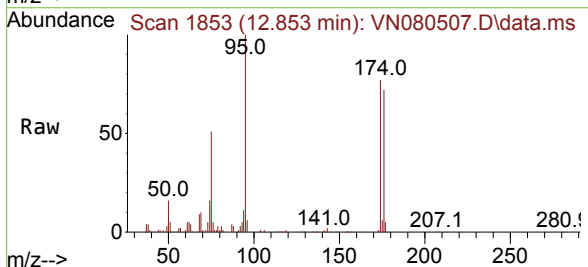
Instrument :  
 MSVOA\_N  
 ClientSampleId :

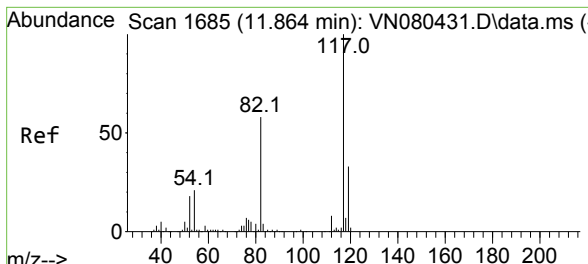
Tgt Ion:107 Resp: 158406  
 Ion Ratio Lower Upper  
 107 100  
 109 93.2 76.6 114.8



#62  
 4-Bromofluorobenzene  
 Concen: 46.841 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. 0.006 min  
 Lab File: VN080507.D  
 Acq: 15 Dec 2023 17:19

Tgt Ion: 95 Resp: 220451  
 Ion Ratio Lower Upper  
 95 100  
 174 75.0 0.0 143.8  
 176 71.9 0.0 135.8

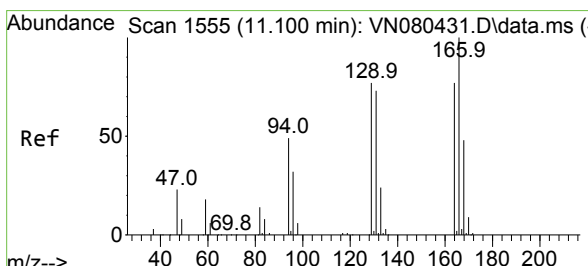
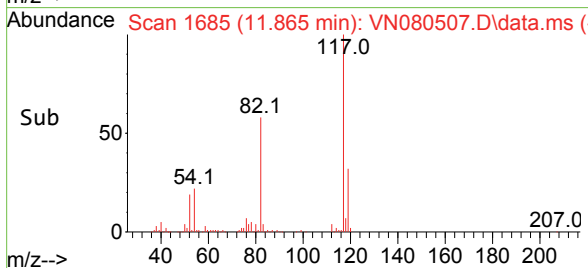
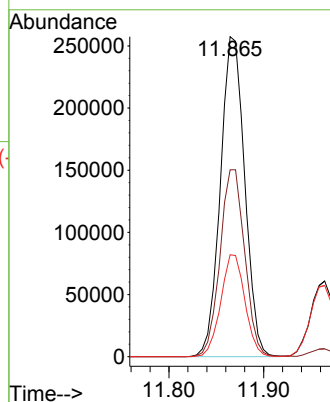
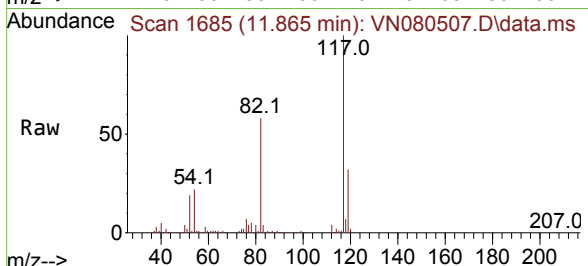




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

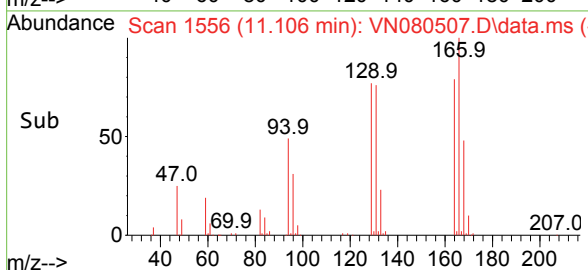
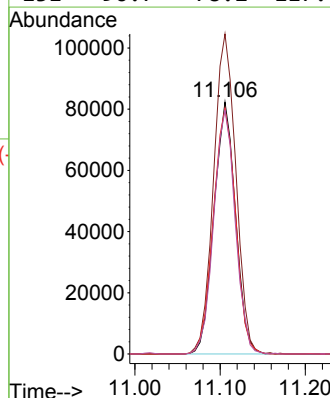
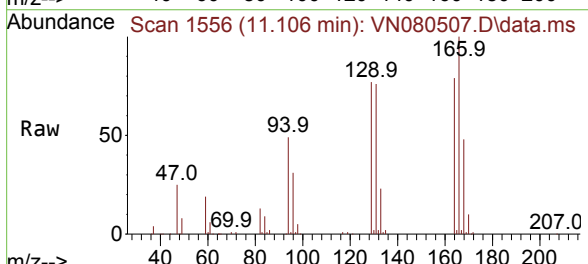
Instrument :  
MSVOA\_N  
ClientSampleId :

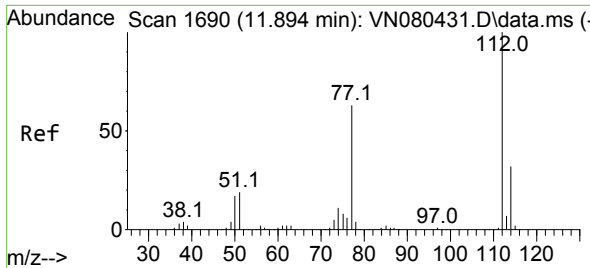
|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:117 | Resp: 459731 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 117 100     |              |       |  |
| 82 58.4     | 44.0         | 66.0  |  |
| 119 31.8    | 25.6         | 38.4  |  |



#64  
Tetrachloroethene  
Concen: 40.838 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:164 | Resp: | 144956 |
| Ion | Ratio   | Lower | Upper  |
| 164 | 100     |       |        |
| 166 | 127.1   | 101.4 | 152.0  |
| 129 | 97.6    | 82.4  | 123.6  |
| 131 | 96.7    | 78.2  | 117.4  |

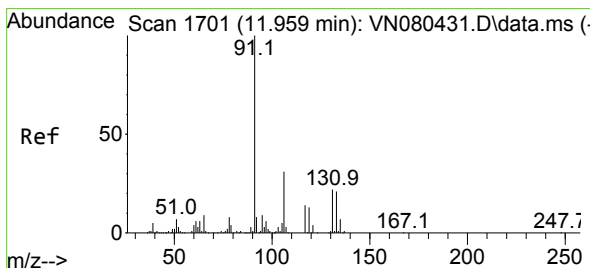
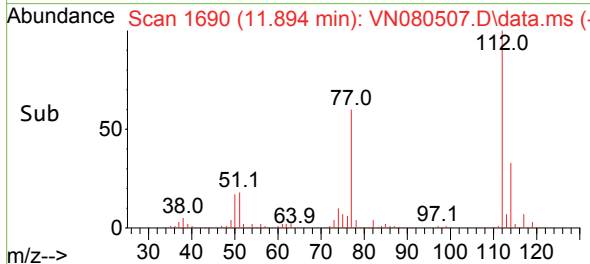
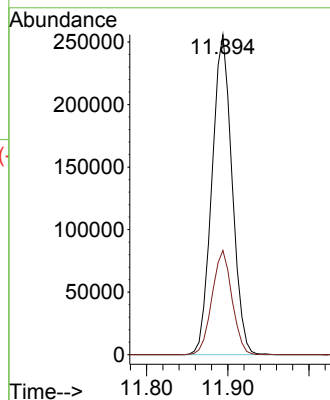
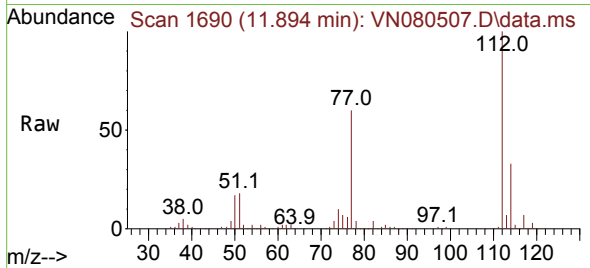




#65  
Chlorobenzene  
Concen: 43.049 ug/l  
RT: 11.894 min Scan# 1112  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

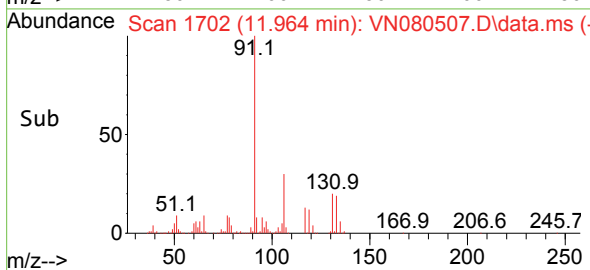
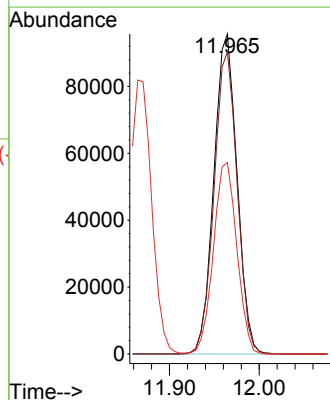
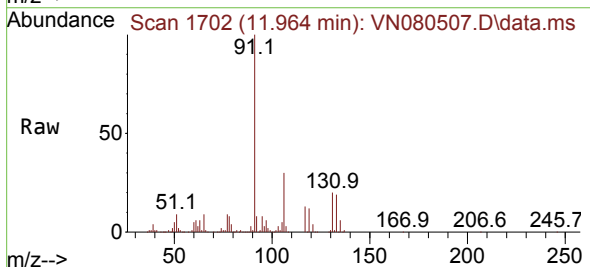
Instrument :  
MSVOA\_N  
ClientSampleId :

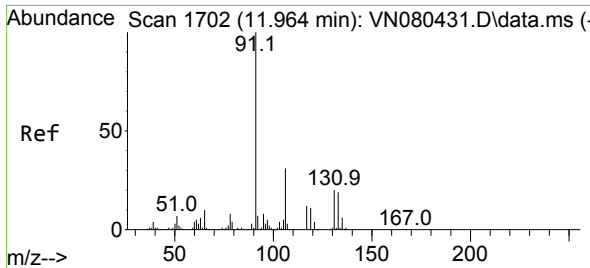
Tgt Ion:112 Resp: 440260  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 42.722 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion:131 Resp: 171438  
Ion Ratio Lower Upper  
131 100  
133 94.2 46.4 139.1  
119 60.6 34.1 102.2

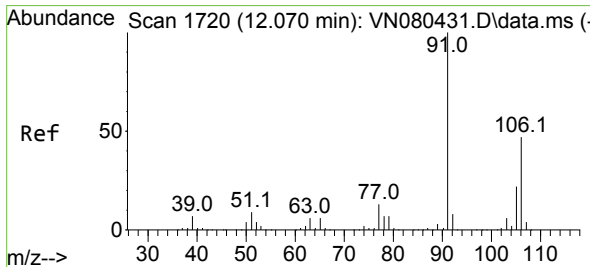
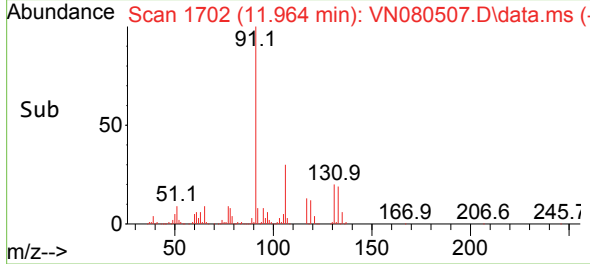
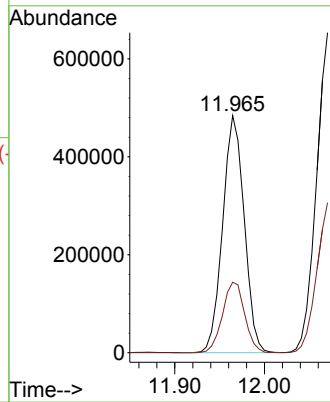
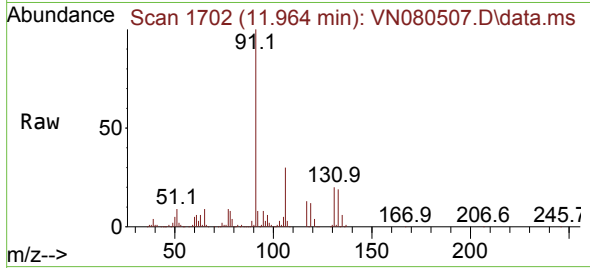




#67  
Ethyl Benzene  
Concen: 42.926 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

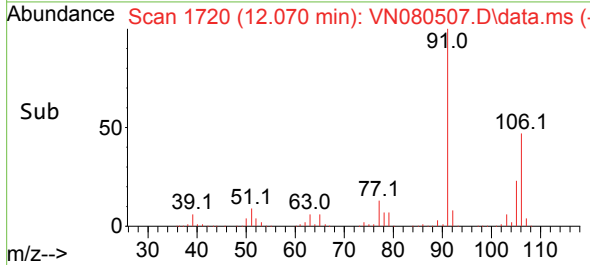
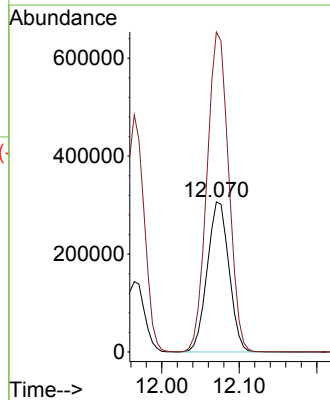
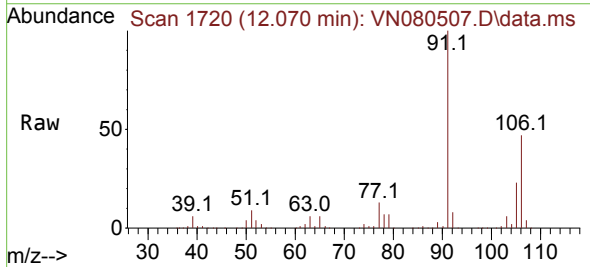
Instrument :  
MSVOA\_N  
ClientSampleId :

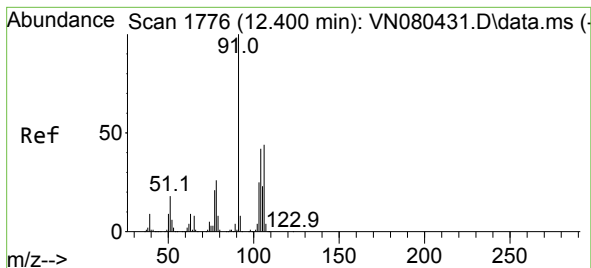
Tgt Ion: 91 Resp: 807194  
Ion Ratio Lower Upper  
91 100  
106 29.7 25.6 38.4



#68  
m/p-Xylenes  
Concen: 86.132 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion:106 Resp: 598508  
Ion Ratio Lower Upper  
106 100  
91 212.4 159.6 239.4

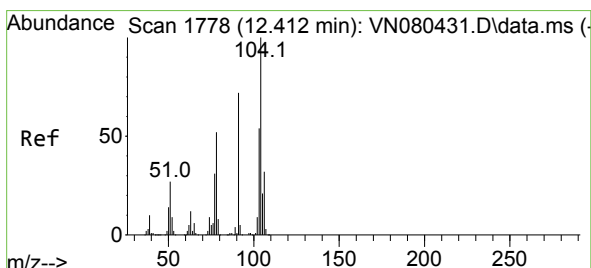
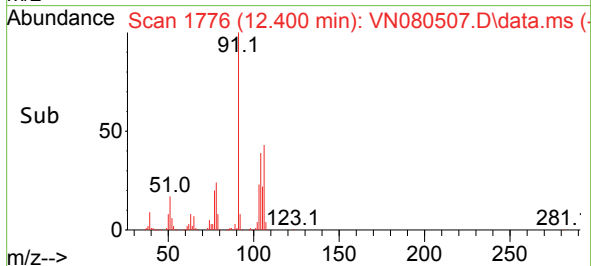
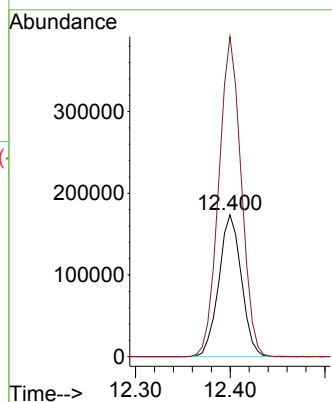
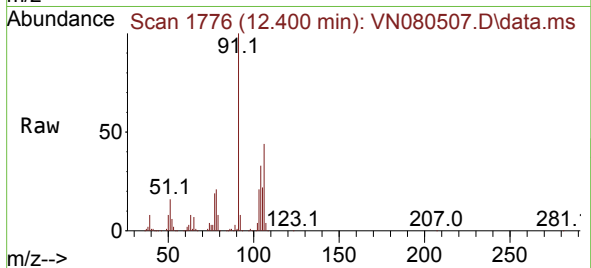




#69  
o-Xylene  
Concen: 42.284 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

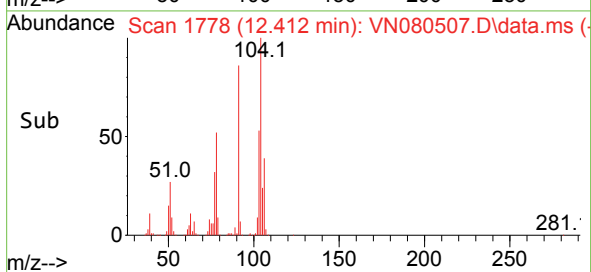
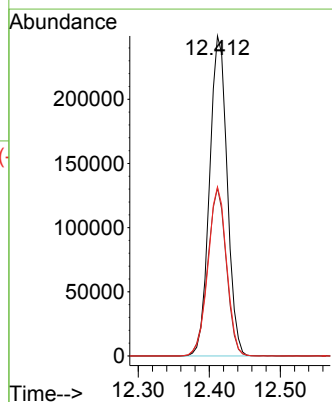
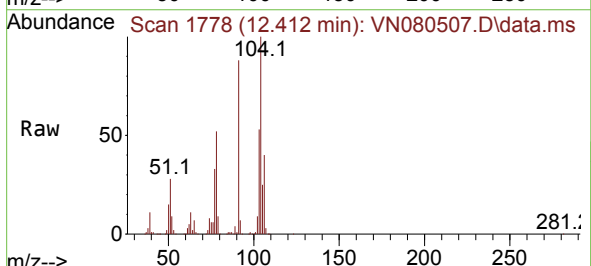
Instrument :  
MSVOA\_N  
ClientSampleId :

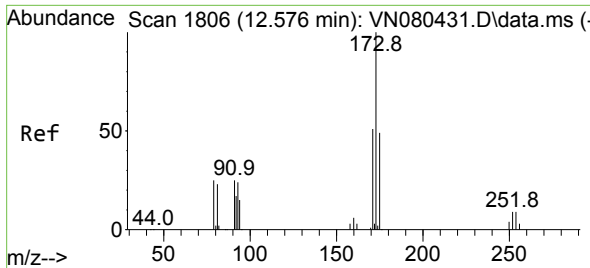
Tgt Ion:106 Resp: 287388  
Ion Ratio Lower Upper  
106 100  
91 224.9 105.2 315.5



#70  
Styrene  
Concen: 43.969 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion:104 Resp: 430458  
Ion Ratio Lower Upper  
104 100  
78 55.1 39.5 59.3  
103 55.7 43.2 64.8

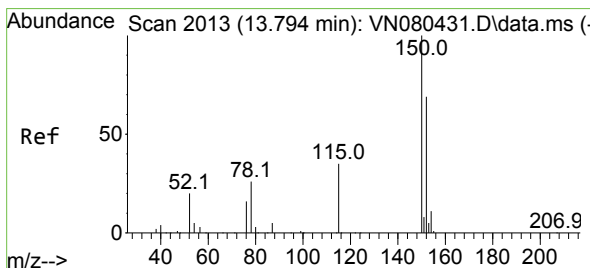
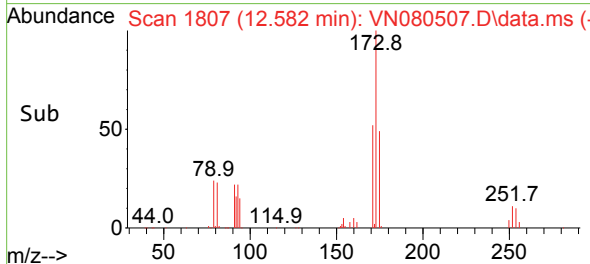
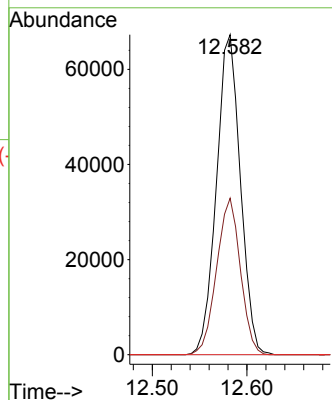
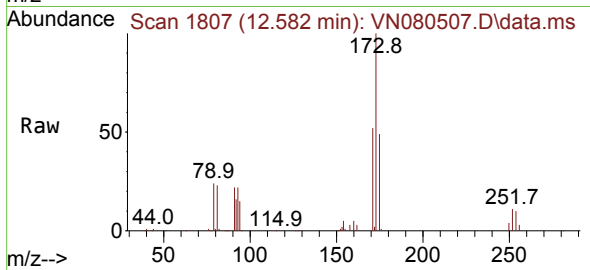




#71  
Bromoform  
Concen: 40.381 ug/l  
RT: 12.582 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

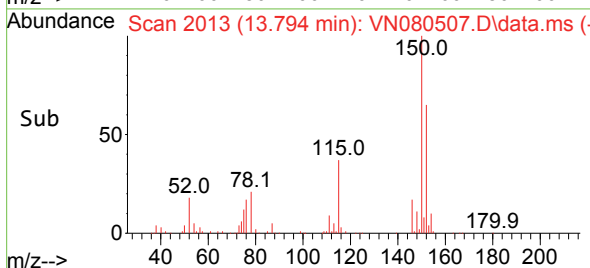
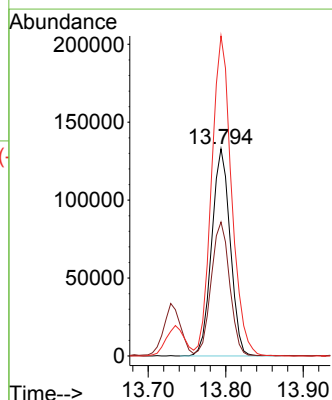
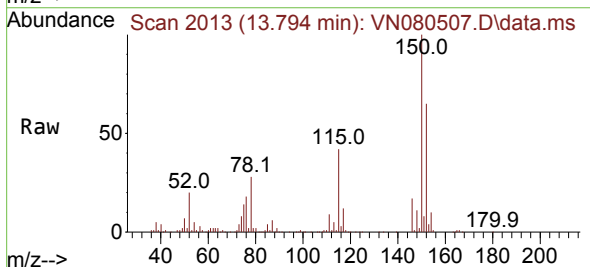
Instrument :  
MSVOA\_N  
ClientSampleId :

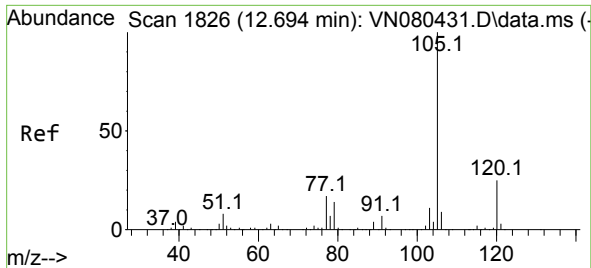
Tgt Ion:173 Resp: 118169  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.3 73.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion:152 Resp: 219929  
Ion Ratio Lower Upper  
152 100  
115 64.3 32.3 96.8  
150 167.3 0.0 355.8

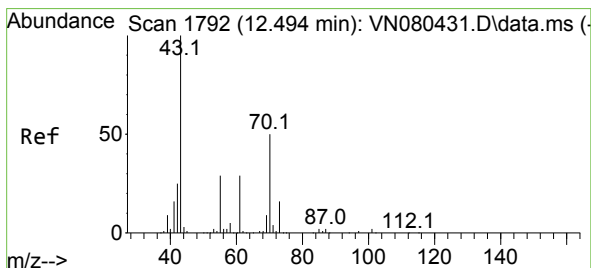
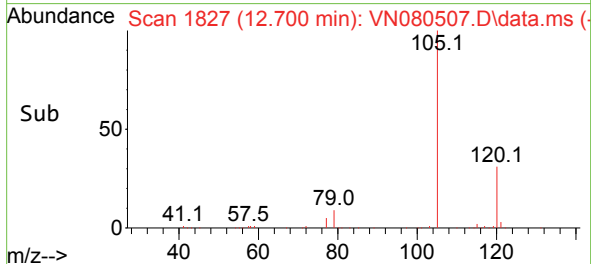
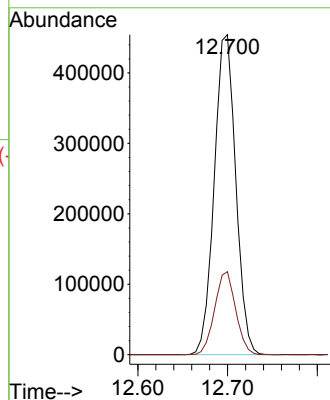
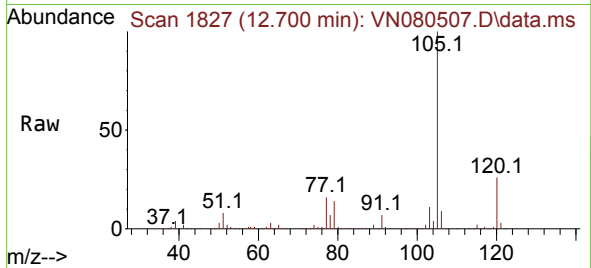




#73  
Isopropylbenzene  
Concen: 42.767 ug/l  
RT: 12.700 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

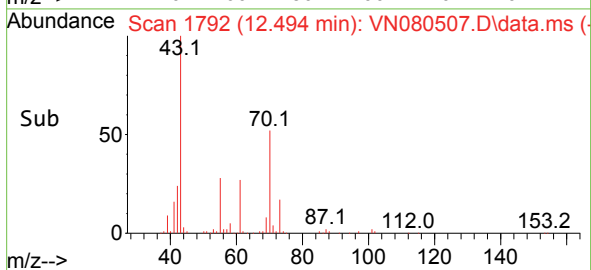
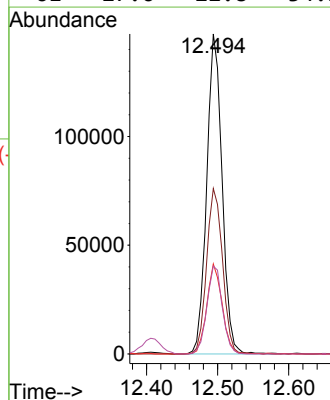
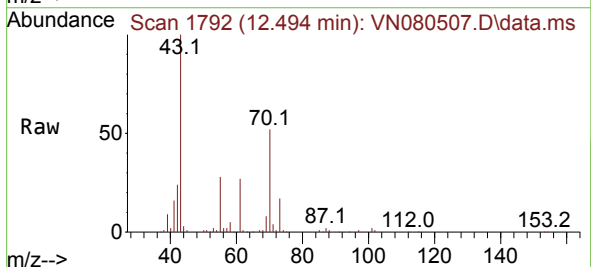
Instrument :  
MSVOA\_N  
ClientSampleId :

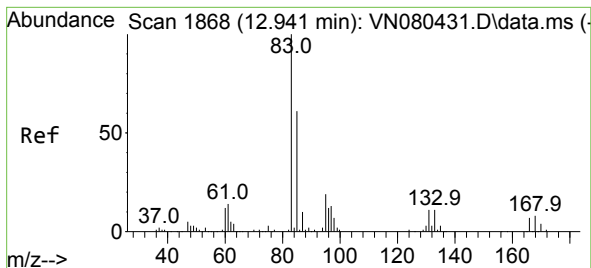
Tgt Ion:105 Resp: 755580  
Ion Ratio Lower Upper  
105 100  
120 25.4 13.1 39.1



#74  
N-ethyl acetate  
Concen: 42.969 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion: 43 Resp: 221688  
Ion Ratio Lower Upper  
43 100  
70 53.5 43.4 65.2  
55 28.3 21.4 32.0  
61 27.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 41.644 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

ClientSampleId :

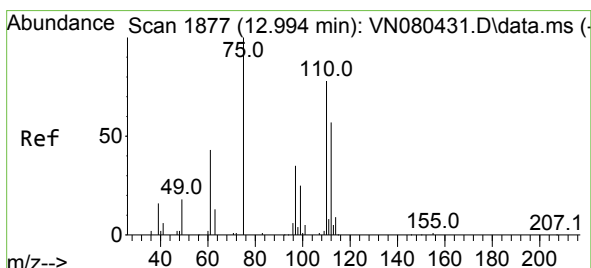
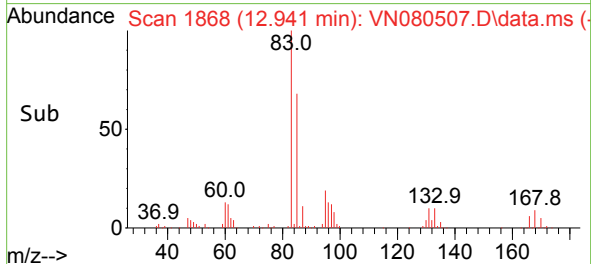
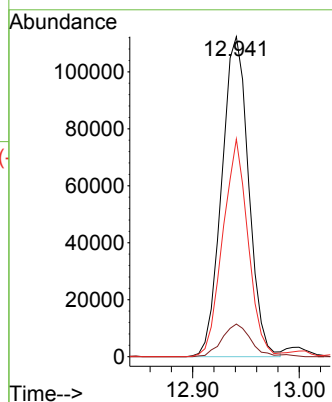
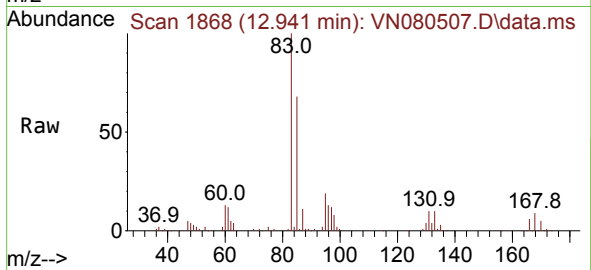
Tgt Ion: 83 Resp: 197154

Ion Ratio Lower Upper

83 100

131 11.0 5.0 15.0

85 64.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 61.251 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080507.D

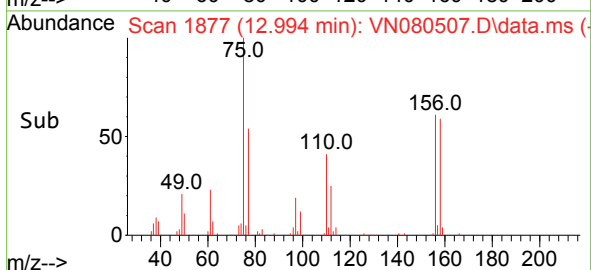
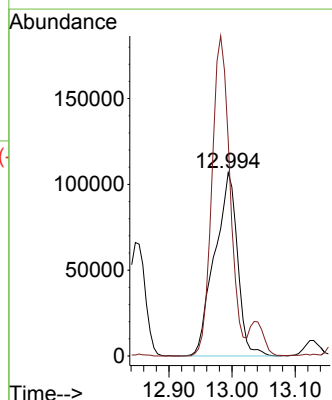
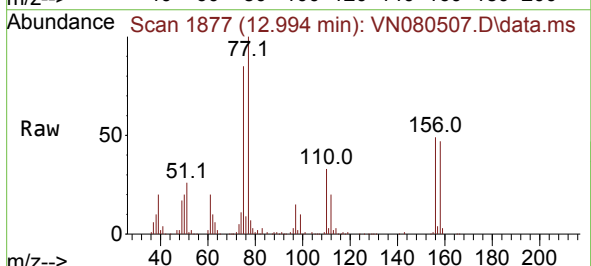
Acq: 15 Dec 2023 17:19

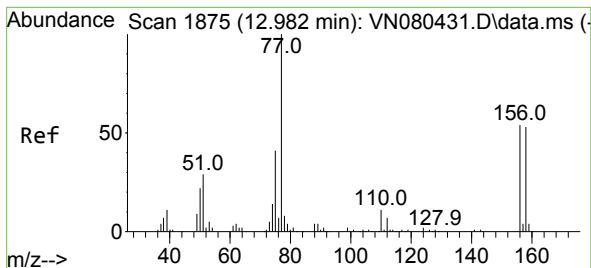
Tgt Ion: 75 Resp: 268740

Ion Ratio Lower Upper

75 100

77 138.6 84.5 253.5





#77

Bromobenzene

Concen: 40.591 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

ClientSampleId :

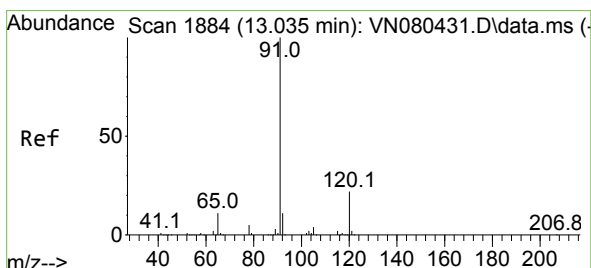
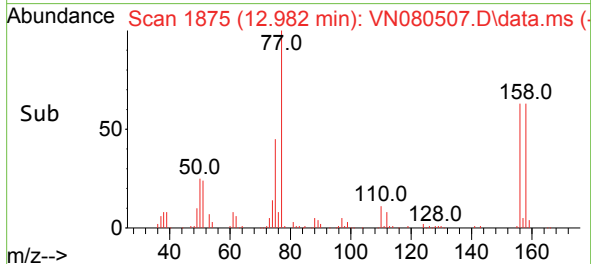
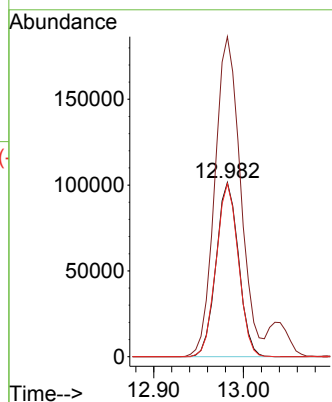
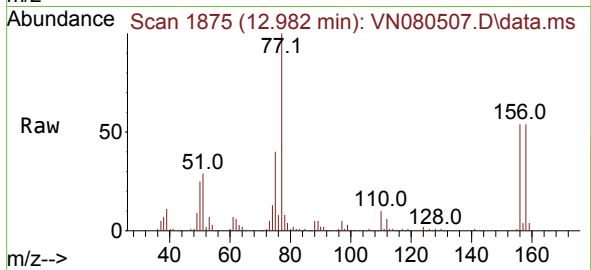
Tgt Ion:156 Resp: 176417

Ion Ratio Lower Upper

156 100

77 211.1 107.7 323.3

158 98.5 48.4 145.3



#78

n-propylbenzene

Concen: 42.551 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080507.D

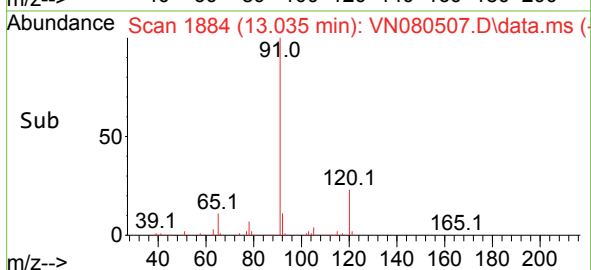
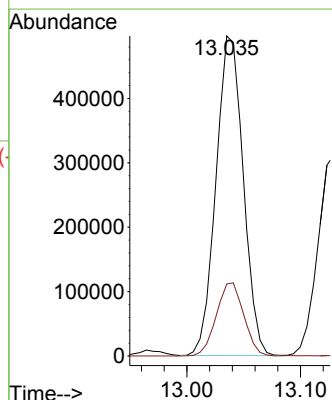
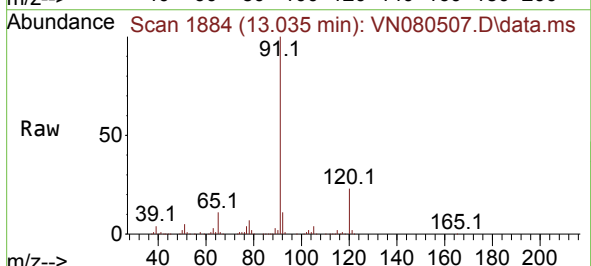
Acq: 15 Dec 2023 17:19

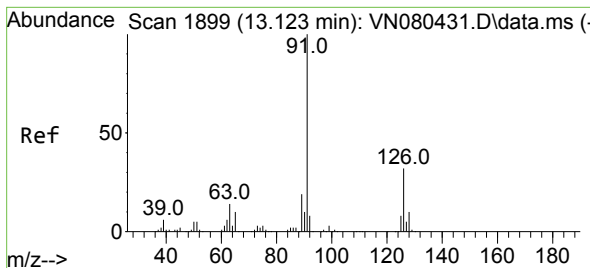
Tgt Ion: 91 Resp: 828866

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 41.554 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

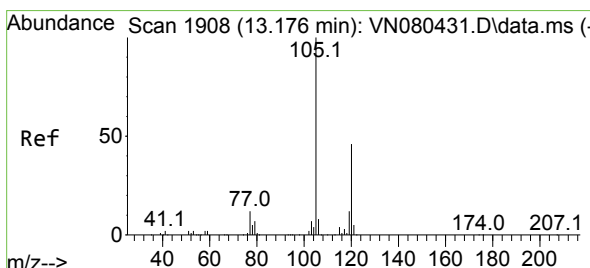
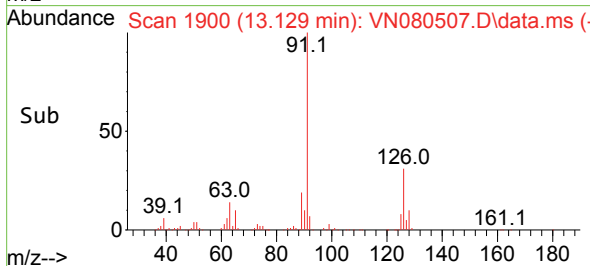
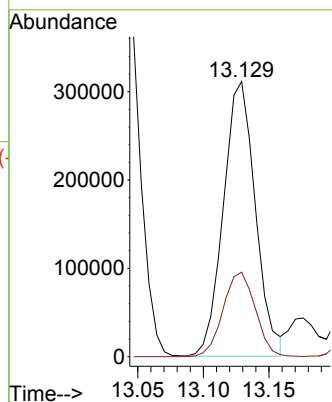
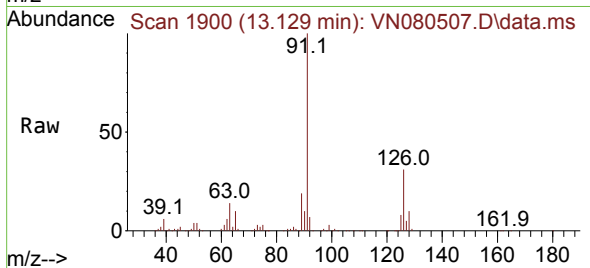
ClientSampleId :

Tgt Ion: 91 Resp: 528457

Ion Ratio Lower Upper

91 100

126 31.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 41.944 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080507.D

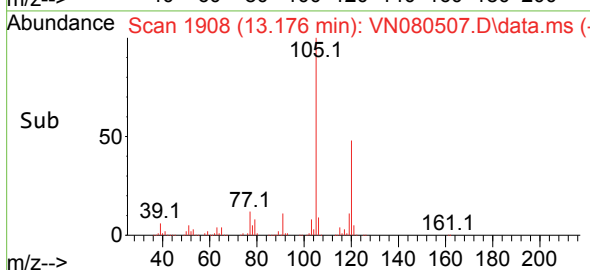
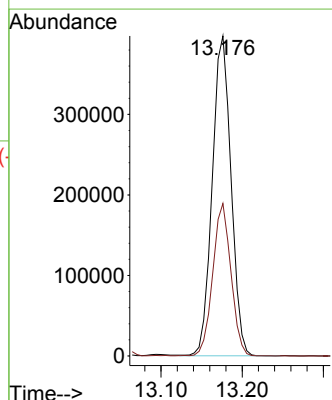
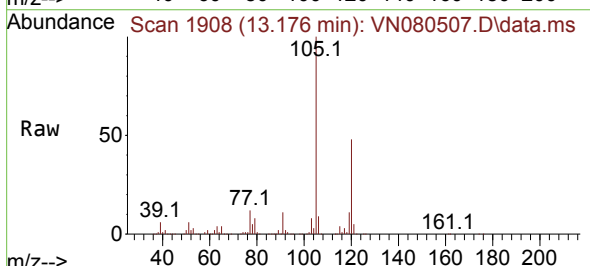
Acq: 15 Dec 2023 17:19

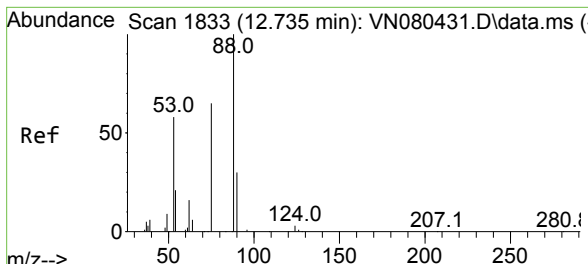
Tgt Ion:105 Resp: 638231

Ion Ratio Lower Upper

105 100

120 46.3 24.1 72.3

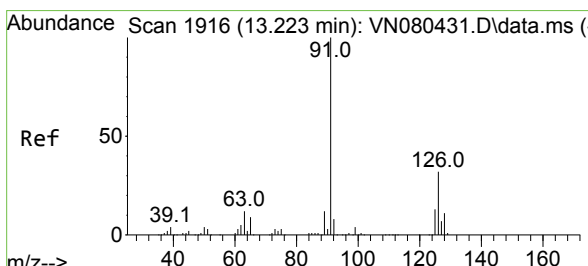
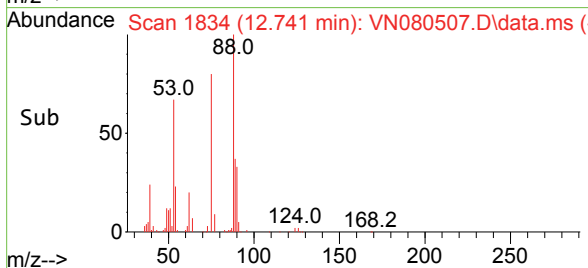
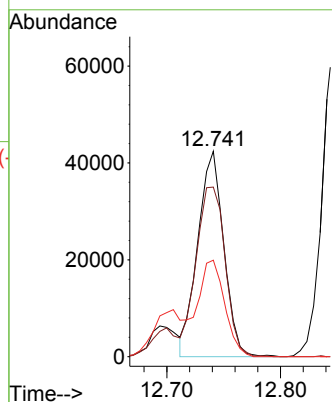
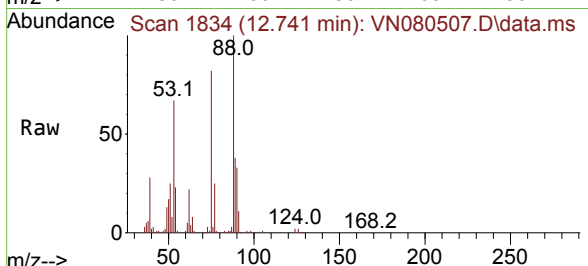




#81  
trans-1,4-Dichloro-2-butene  
Concen: 40.400 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.006 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

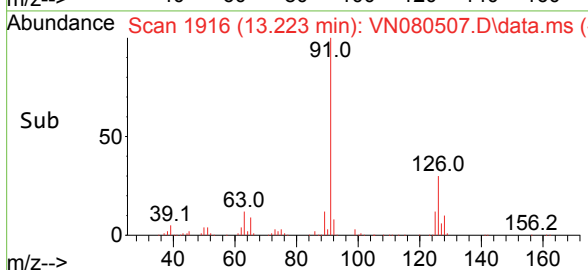
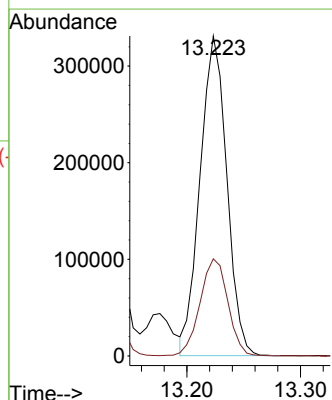
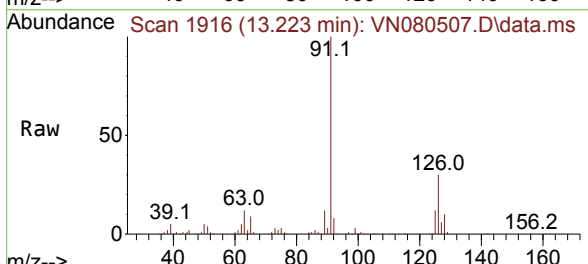
Instrument :  
MSVOA\_N  
ClientSampleId :

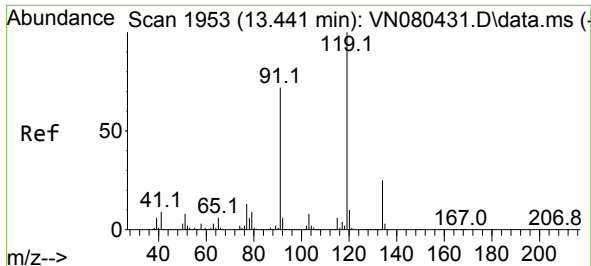
Tgt Ion: 75 Resp: 67511  
Ion Ratio Lower Upper  
75 100  
53 92.4 67.4 101.2  
89 47.4 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 41.372 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

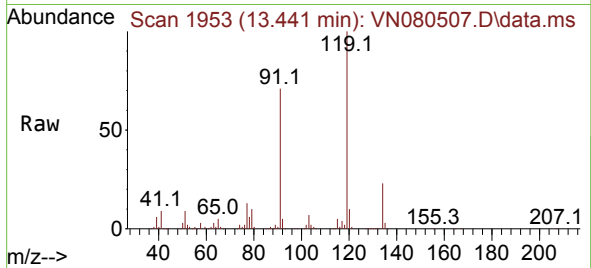
Tgt Ion: 91 Resp: 540810  
Ion Ratio Lower Upper  
91 100  
126 31.8 16.7 50.0



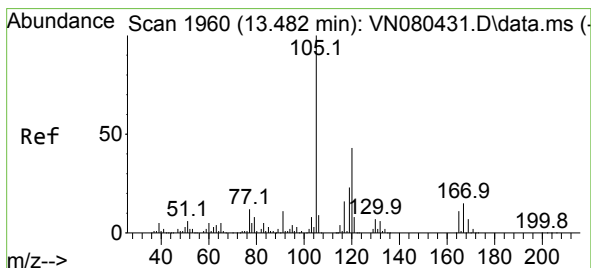
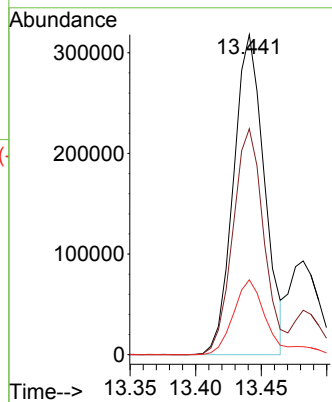
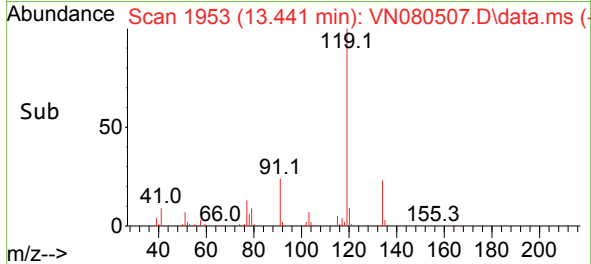


#83  
tert-Butylbenzene  
Concen: 41.830 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

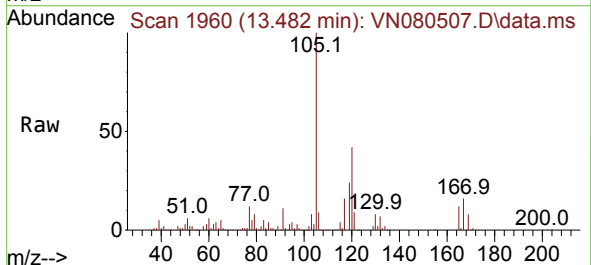
Instrument :  
MSVOA\_N  
ClientSampleId :



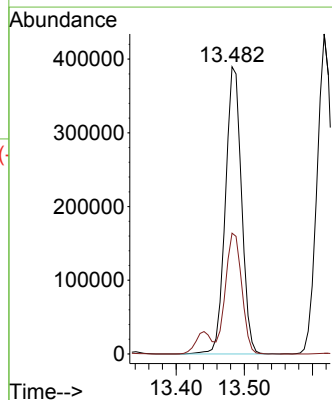
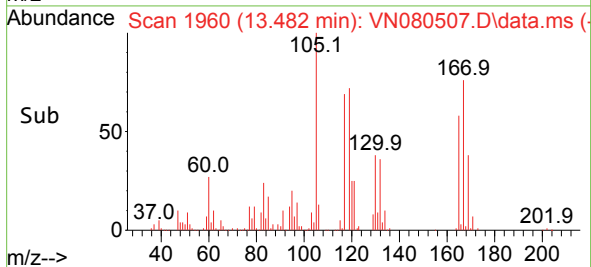
Tgt Ion:119 Resp: 521264  
Ion Ratio Lower Upper  
119 100  
91 71.5 33.9 101.7  
134 25.7 13.2 39.6

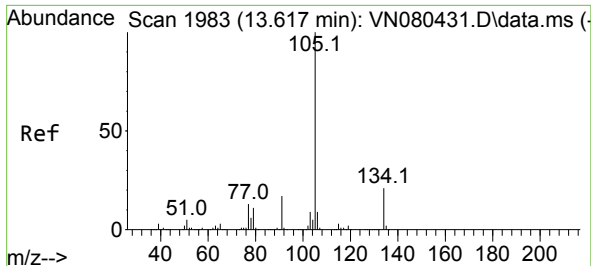


#84  
1,2,4-Trimethylbenzene  
Concen: 42.296 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19



Tgt Ion:105 Resp: 640258  
Ion Ratio Lower Upper  
105 100  
120 42.2 22.0 66.0

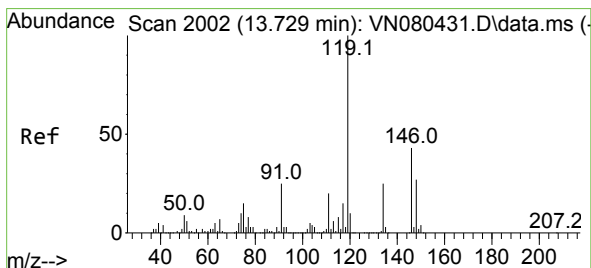
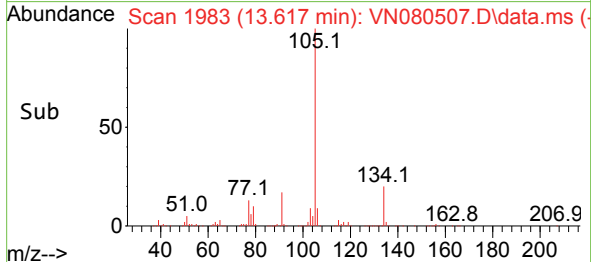
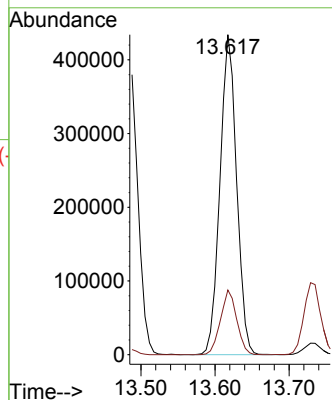
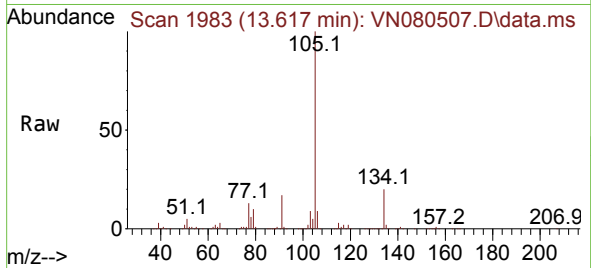




#85  
 sec-Butylbenzene  
 Concen: 42.493 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN080507.D  
 Acq: 15 Dec 2023 17:19

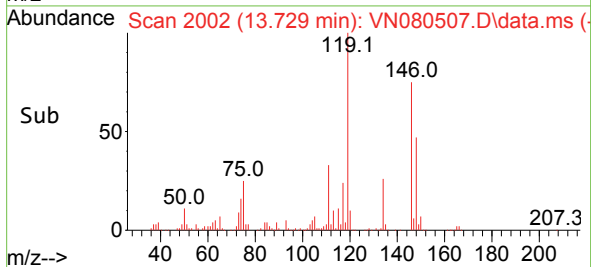
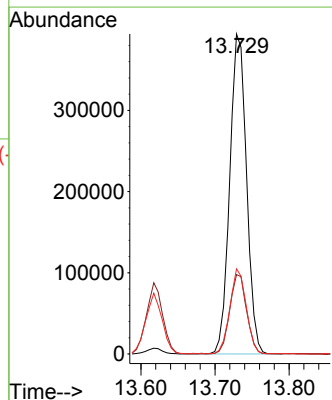
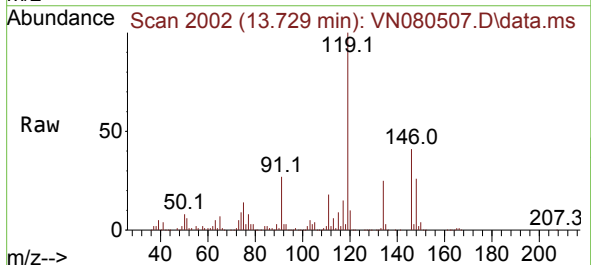
Instrument :  
 MSVOA\_N  
 ClientSampleId :

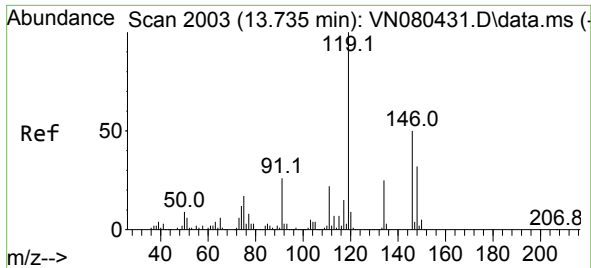
Tgt Ion:105 Resp: 677372  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 43.109 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN080507.D  
 Acq: 15 Dec 2023 17:19

Tgt Ion:119 Resp: 620486  
 Ion Ratio Lower Upper  
 119 100  
 134 24.9 12.6 37.8  
 91 25.8 12.4 37.2

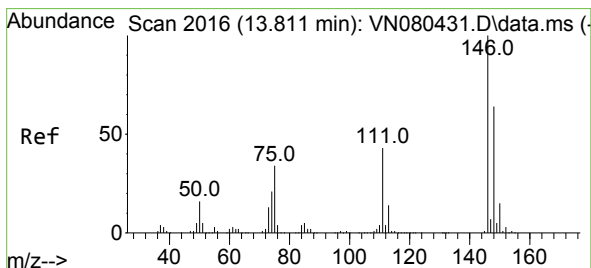
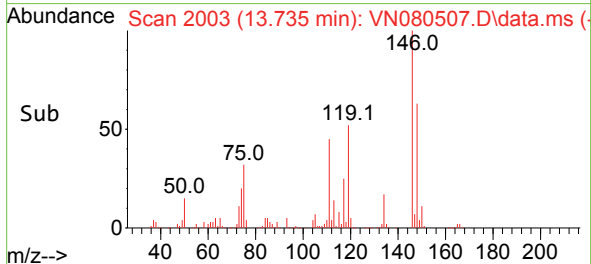
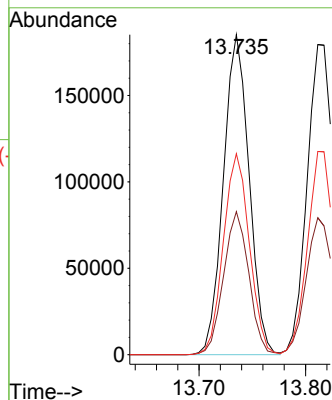
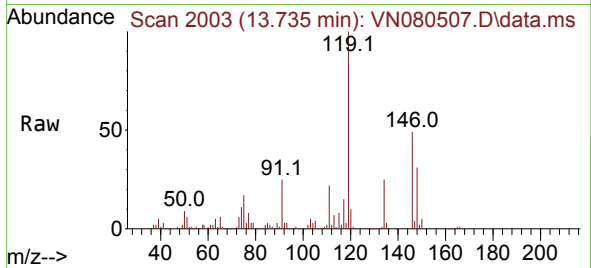




#87  
 1,3-Dichlorobenzene  
 Concen: 40.621 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN080507.D  
 Acq: 15 Dec 2023 17:19

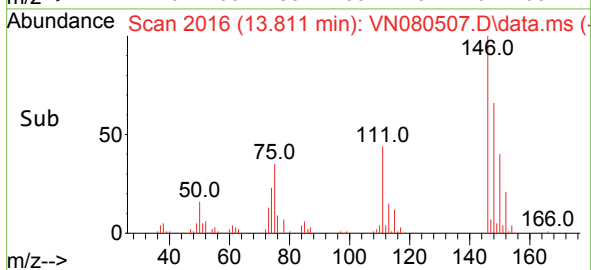
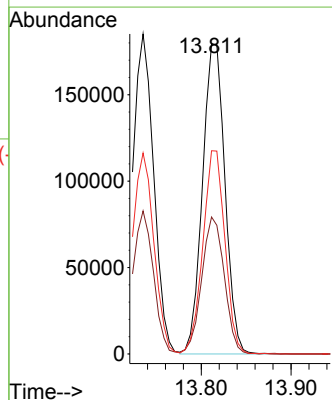
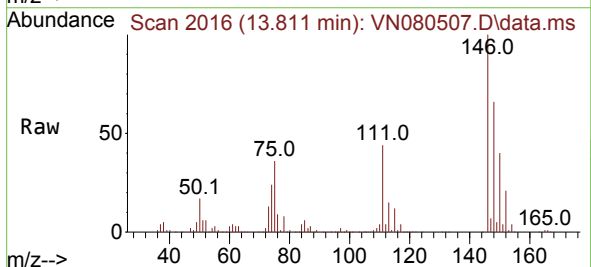
Instrument :  
 MSVOA\_N  
 ClientSampleId :

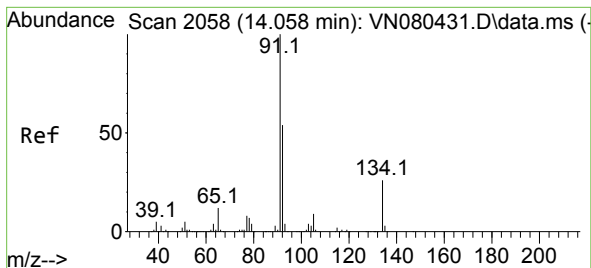
Tgt Ion:146 Resp: 311053  
 Ion Ratio Lower Upper  
 146 100  
 111 44.0 22.1 66.3  
 148 63.4 32.0 96.0



#88  
 1,4-Dichlorobenzene  
 Concen: 40.382 ug/l  
 RT: 13.811 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN080507.D  
 Acq: 15 Dec 2023 17:19

Tgt Ion:146 Resp: 312142  
 Ion Ratio Lower Upper  
 146 100  
 111 44.5 20.6 61.8  
 148 64.4 31.6 94.8





#89

n-Butylbenzene

Concen: 43.669 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

ClientSampleId :

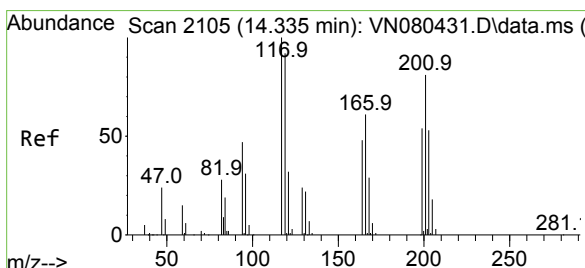
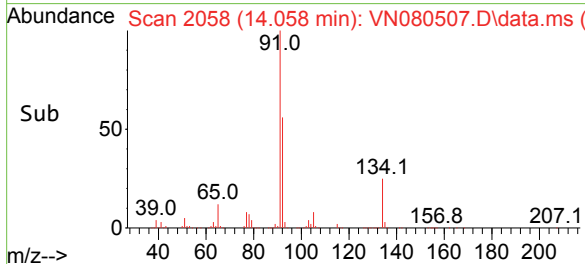
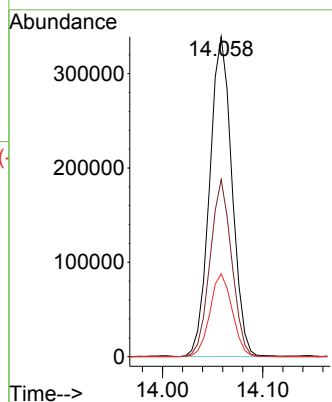
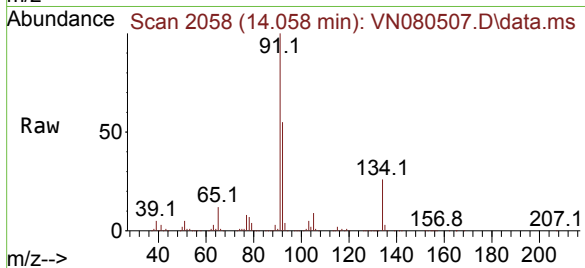
Tgt Ion: 91 Resp: 524893

Ion Ratio Lower Upper

91 100

92 53.7 26.4 79.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 43.164 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080507.D

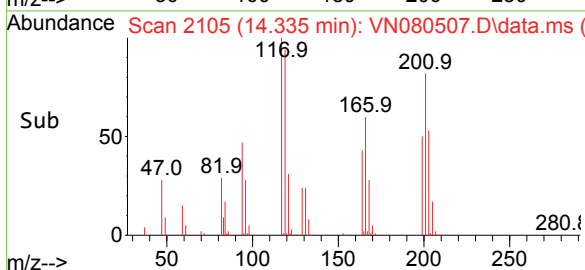
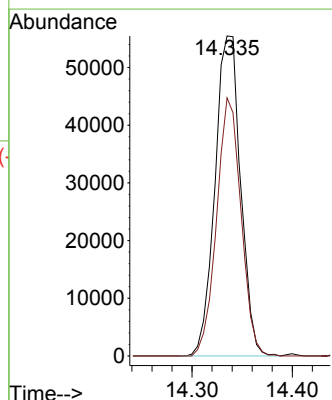
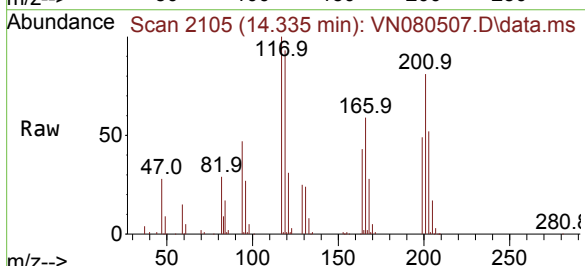
Acq: 15 Dec 2023 17:19

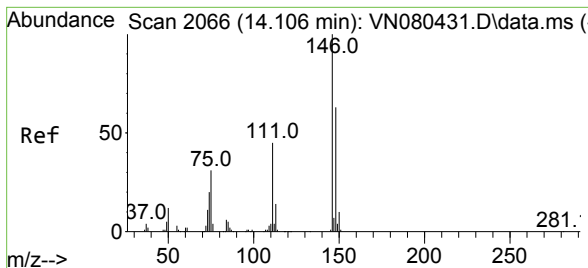
Tgt Ion: 117 Resp: 98667

Ion Ratio Lower Upper

117 100

201 76.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 40.871 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

ClientSampleId :

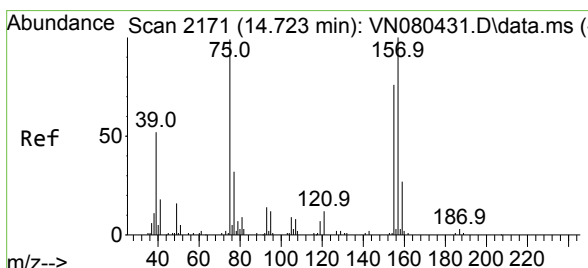
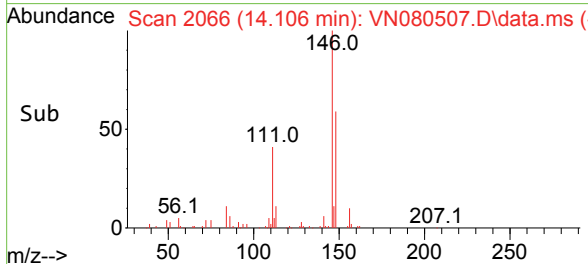
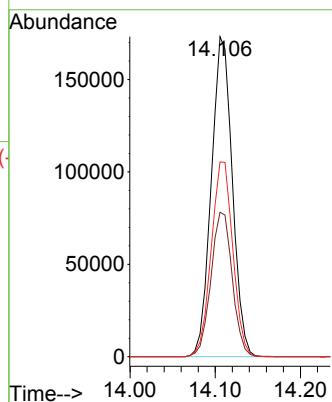
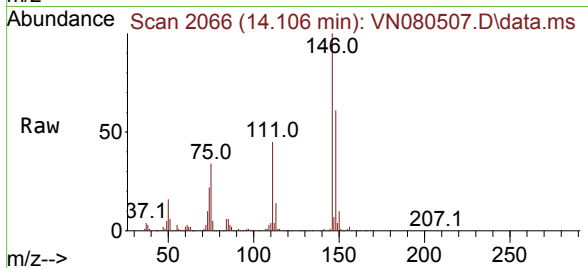
Tgt Ion:146 Resp: 297188

Ion Ratio Lower Upper

146 100

111 45.8 22.0 66.0

148 62.6 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.954 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

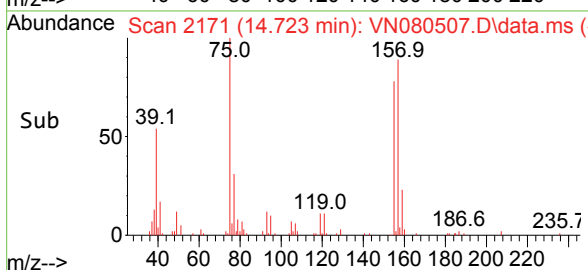
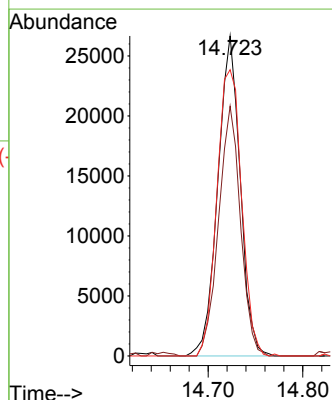
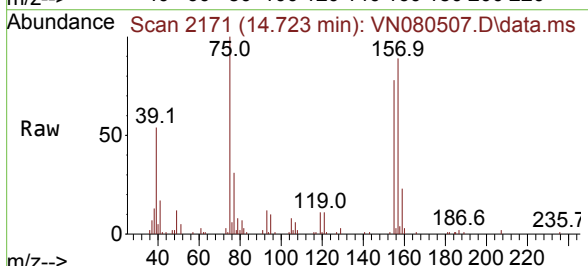
Tgt Ion: 75 Resp: 43769

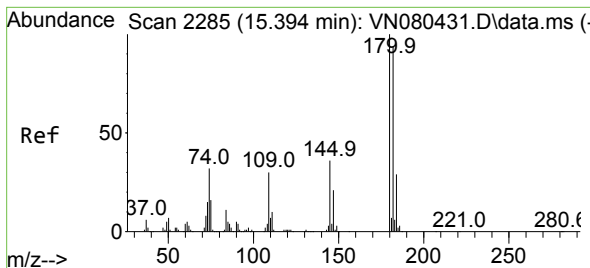
Ion Ratio Lower Upper

75 100

155 76.5 39.1 117.2

157 98.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 44.757 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

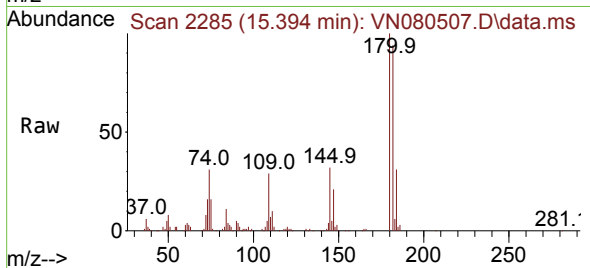
Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

Instrument :

MSVOA\_N

ClientSampleId :



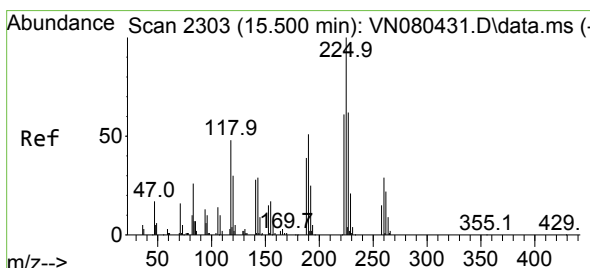
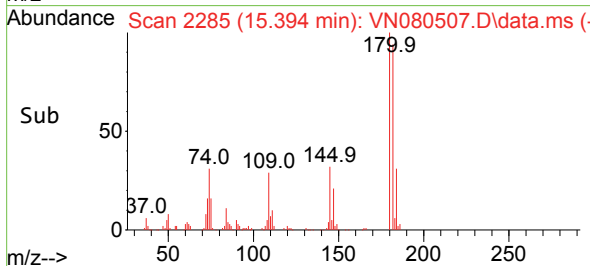
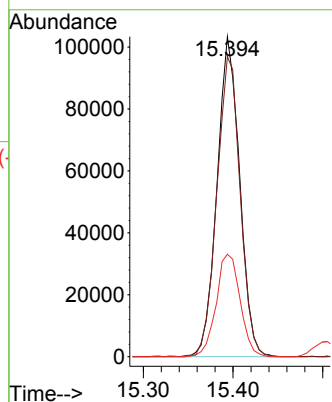
Tgt Ion:180 Resp: 180691

Ion Ratio Lower Upper

180 100

182 96.6 46.1 138.2

145 34.0 16.6 49.8



#94

Hexachlorobutadiene

Concen: 40.174 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080507.D

Acq: 15 Dec 2023 17:19

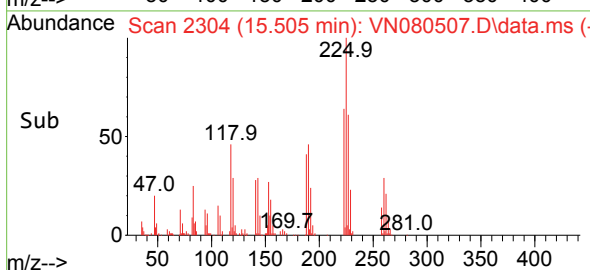
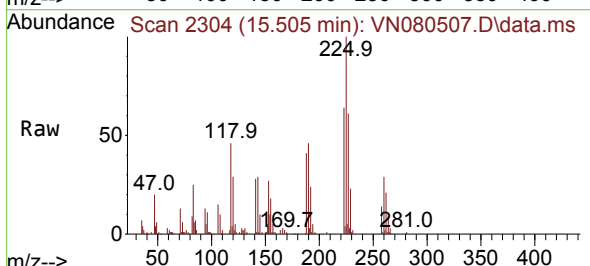
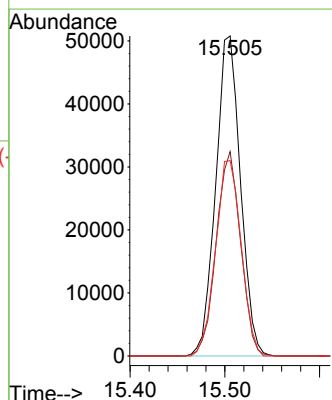
Tgt Ion:225 Resp: 92335

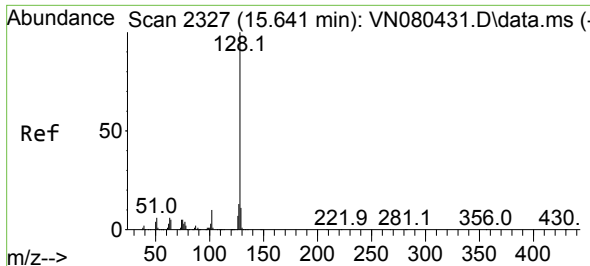
Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.8

227 63.3 31.9 95.9

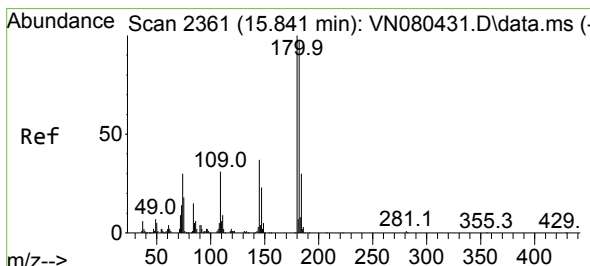
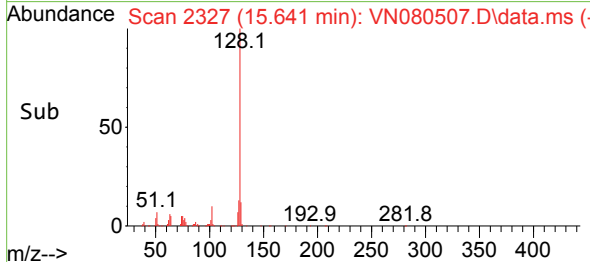
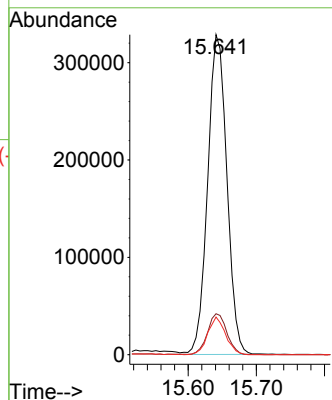
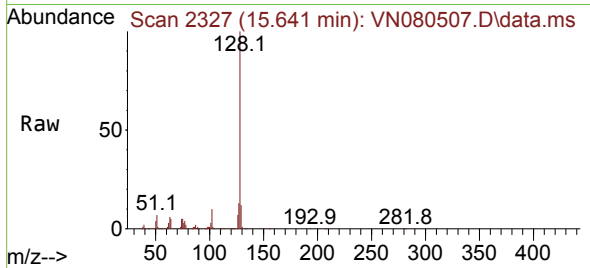




#95  
Naphthalene  
Concen: 52.634 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 645259  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.0 15.0  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 43.283 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VN080507.D  
Acq: 15 Dec 2023 17:19

Tgt Ion:180 Resp: 168626  
Ion Ratio Lower Upper  
180 100  
182 95.7 46.2 138.6  
145 36.4 17.5 52.6

