

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102022\  
 Data File : VN074950.D  
 Acq On : 20 Oct 2022 18:28  
 Operator : JC\MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICSVN102022

Quant Time: Oct 21 04:20:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102022W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 21 04:14:20 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.229  | 168   | 482219   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 861620   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 957573   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 692280   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582  | 65    | 596212   | 46.535   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 93.060%  |
| 35) Dibromofluoromethane     | 8.171  | 113   | 479569   | 46.762   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 93.520%  |
| 50) Toluene-d8               | 10.571 | 98    | 1930949  | 49.074   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 98.140%  |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 719761   | 51.858   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 103.720% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.136  | 85    | 325702   | 43.208   | ug/l   | 100      |
| 3) Chloromethane             | 2.377  | 50    | 392681   | 51.108   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.524  | 62    | 573797   | 49.237   | ug/l   | 98       |
| 5) Bromomethane              | 2.924  | 94    | 467076   | 49.611   | ug/l   | 98       |
| 6) Chloroethane              | 3.106  | 64    | 438355   | 49.576   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.500  | 101   | 604388   | 48.729   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.971  | 74    | 253940   | 44.436   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377  | 101   | 351037   | 47.801   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.600  | 142   | 486579   | 45.129   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.541  | 59    | 642173   | 237.074  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.347  | 96    | 319436   | 48.338   | ug/l   | 95       |
| 13) Acrolein                 | 4.194  | 56    | 321729   | 243.187  | ug/l   | 97       |
| 14) Allyl chloride           | 5.030  | 41    | 460574   | 39.254   | ug/l   | 90       |
| 15) Acrylonitrile            | 5.736  | 53    | 1324314  | 241.689  | ug/l   | 98       |
| 16) Acetone                  | 4.442  | 43    | 1082061  | 247.436  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.724  | 76    | 659108   | 48.606   | ug/l   | 99       |
| 18) Methyl Acetate           | 5.036  | 43    | 742854   | 45.654   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.812  | 73    | 1487164  | 47.804   | ug/l   | 95       |
| 20) Methylene Chloride       | 5.289  | 84    | 425510   | 49.324   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 5.800  | 96    | 373939   | 48.040   | ug/l   | 83       |
| 22) Diisopropyl ether        | 6.688  | 45    | 1265390  | 47.128   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.612  | 43    | 4625300  | 218.840  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.577  | 63    | 780408   | 47.006   | ug/l   | 98       |
| 25) 2-Butanone               | 7.494  | 43    | 1800647  | 230.706  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.500  | 77    | 712572   | 45.414   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.500  | 96    | 498993   | 46.362   | ug/l   | 99       |
| 28) Bromochloromethane       | 7.818  | 49    | 333328   | 48.183   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.847  | 42    | 1139480  | 236.715  | ug/l   | 98       |
| 30) Chloroform               | 7.971  | 83    | 873659   | 46.571   | ug/l   | 98       |
| 31) Cyclohexane              | 8.265  | 56    | 579861   | 44.298   | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 8.177  | 97    | 791228   | 46.874   | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 8.377  | 75    | 576110   | 44.606   | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.571  | 43    | 679117   | 44.654   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 666973   | 47.439   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.606  | 83    | 701699   | 45.855   | ug/l   | 97       |
| 40) Benzene                  | 8.612  | 78    | 1819593  | 45.698   | ug/l   | 98       |

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 Sample : VSTDICV050  
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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN102022

Quant Time: Oct 21 04:20:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102022W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 21 04:14:20 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 351674   | 46.071  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 685943   | 45.510  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 1116938  | 47.351  | ug/l   | 100      |
| 44) Trichloroethene           | 9.359  | 130  | 431394   | 44.143  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 462254   | 45.043  | ug/l   | 100      |
| 46) Dibromomethane            | 9.712  | 93   | 351702   | 46.864  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.888  | 83   | 711959   | 46.962  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 500359   | 48.511  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 293637   | 984.666 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 3749114  | 239.945 | ug/l   | 99       |
| 52) Toluene                   | 10.629 | 92   | 1235908  | 47.568  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 760031   | 50.814  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 786445   | 47.547  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 530308   | 48.638  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 829139   | 50.498  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 874179   | 47.226  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 1746703  | 236.752 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.200 | 43   | 2891386  | 244.005 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.365 | 129  | 571904   | 49.965  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 541142   | 49.224  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 342505   | 43.740  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 1336864  | 46.172  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 528322   | 48.412  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 2457061  | 47.795  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 1965321  | 98.046  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 992679   | 49.437  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 1665845  | 52.342  | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 410615   | 49.854  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 2604700  | 46.063  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 1033989  | 45.510  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 898770   | 42.560  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 1148814  | 61.192  | ug/l   | 63       |
| 77) Bromobenzene              | 12.982 | 156  | 551490   | 42.530  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 3015087  | 45.560  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 1823975  | 44.493  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 2249002  | 46.045  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 295378   | 50.445  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 1823975  | 44.493  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 2016545  | 46.653  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 2341156  | 47.456  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 2935100  | 48.363  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 2455175  | 49.121  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 1185998  | 47.805  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 1171039  | 46.557  | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.059 | 91   | 2070987  | 48.522  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 451894   | 46.664  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.111 | 146  | 1181080  | 46.445  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 207565   | 47.305  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 527355   | 47.653  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 244189   | 42.740  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 2120165  | 50.409  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 528353   | 47.439  | ug/l   | 100      |

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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

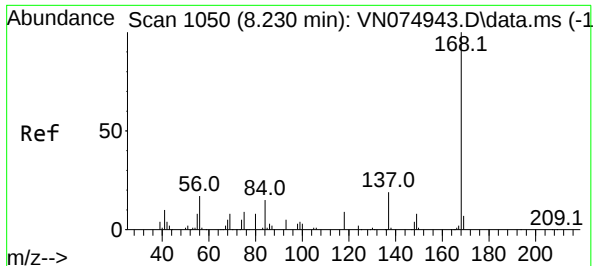
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102022W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 21 04:14:20 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102022W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

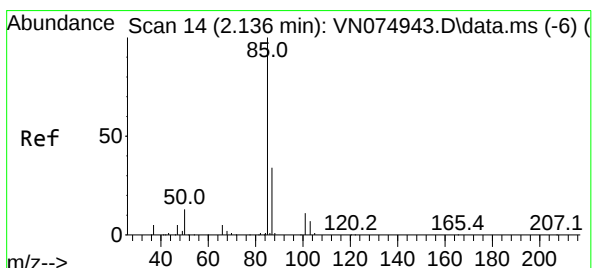
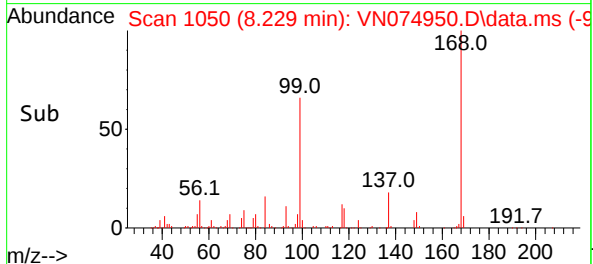
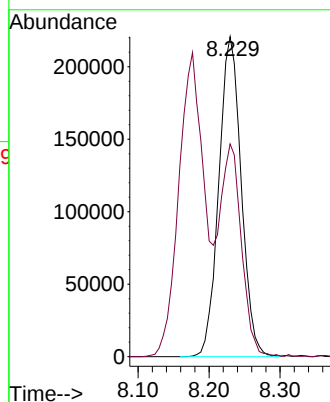
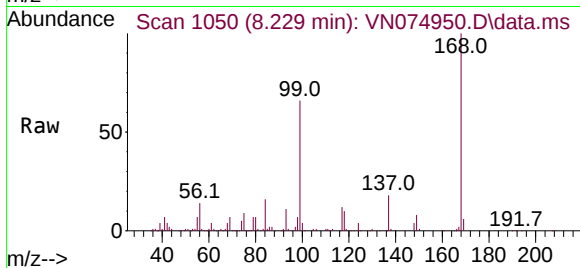




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

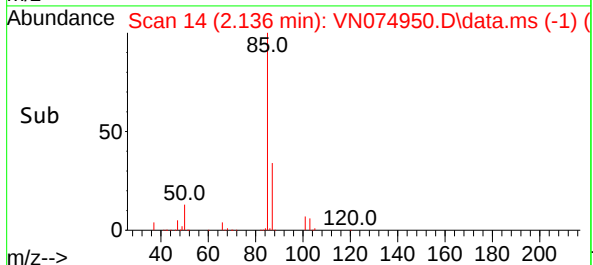
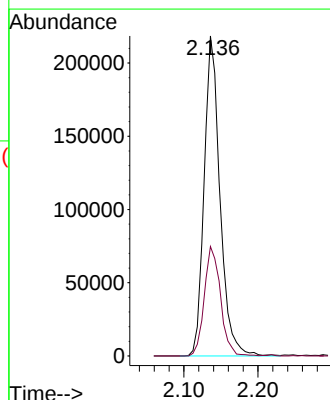
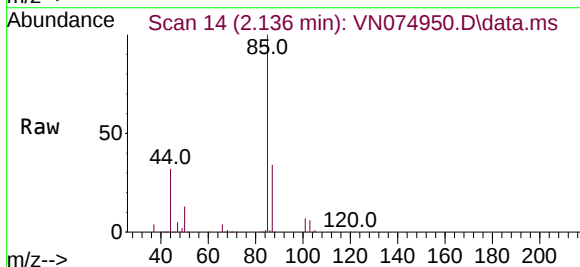
Instrument :  
MSVOA\_N  
ClientSampleId :  
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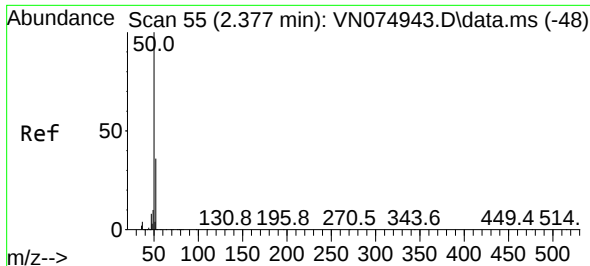
Tgt Ion:168 Resp: 482219  
Ion Ratio Lower Upper  
168 100  
99 66.2 52.2 78.4



#2  
Dichlorodifluoromethane  
Concen: 43.208 ug/l  
RT: 2.136 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 85 Resp: 325702  
Ion Ratio Lower Upper  
85 100  
87 34.2 17.1 51.2

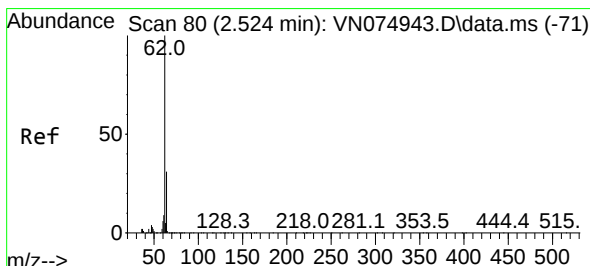
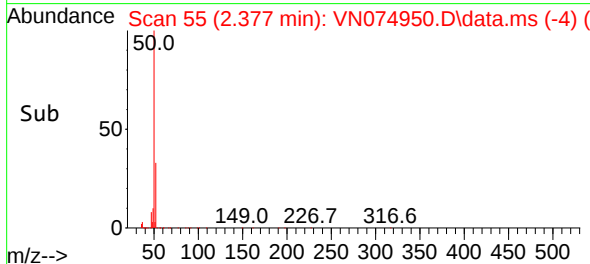
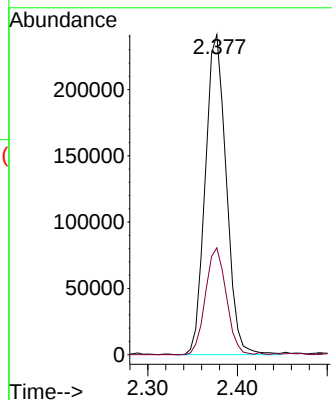
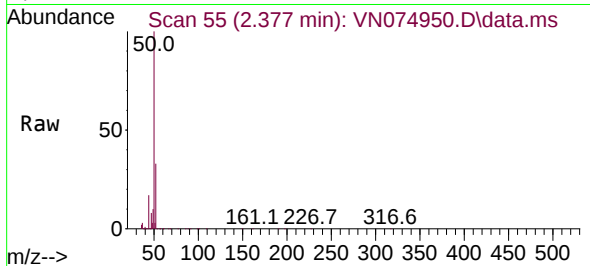




#3  
Chloromethane  
Concen: 51.108 ug/l  
RT: 2.377 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

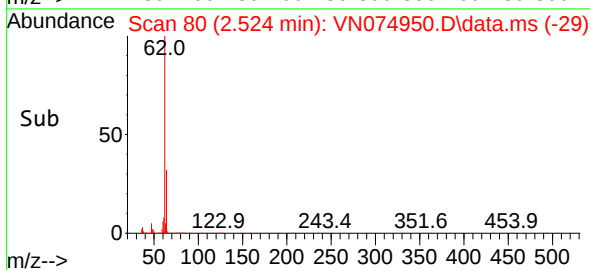
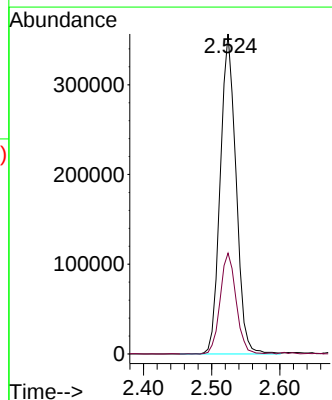
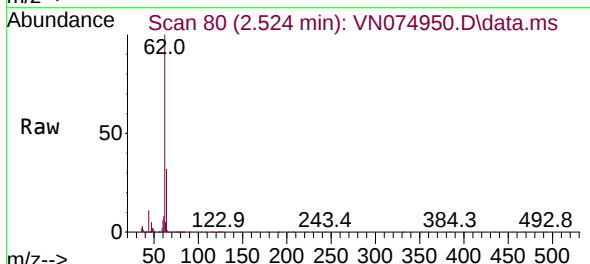
Instrument :  
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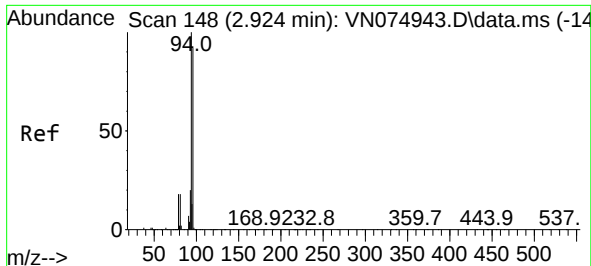
Tgt Ion: 50 Resp: 392681  
Ion Ratio Lower Upper  
50 100  
52 33.4 28.8 43.2



#4  
Vinyl Chloride  
Concen: 49.237 ug/l  
RT: 2.524 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 62 Resp: 573797  
Ion Ratio Lower Upper  
62 100  
64 31.5 24.5 36.7

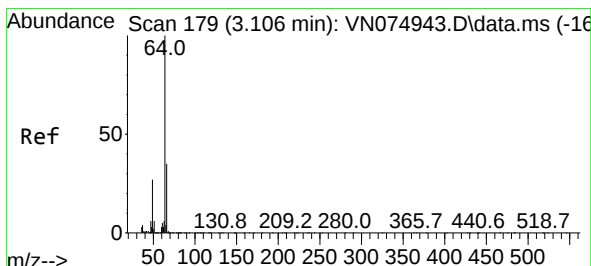
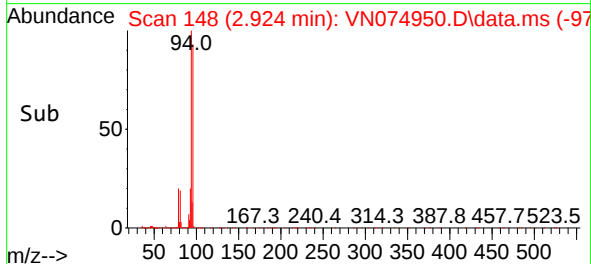
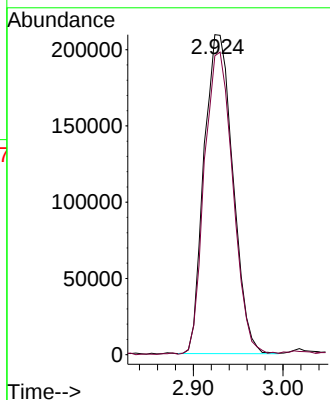
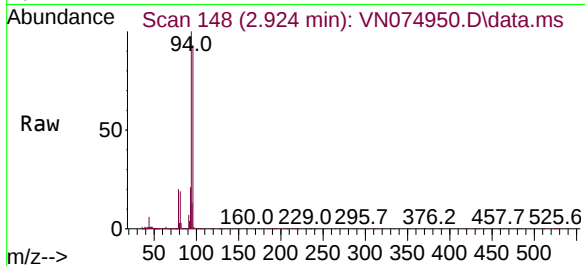




#5  
Bromomethane  
Concen: 49.611 ug/l  
RT: 2.924 min Scan# 148  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

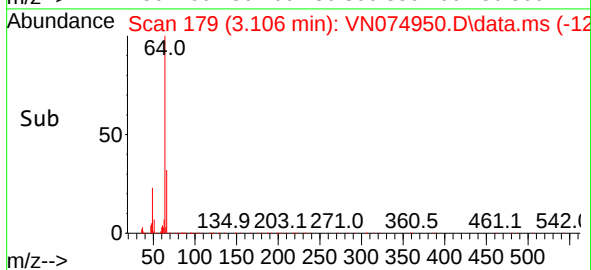
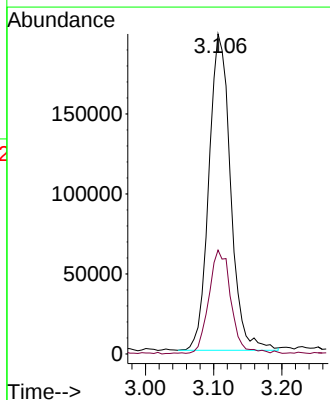
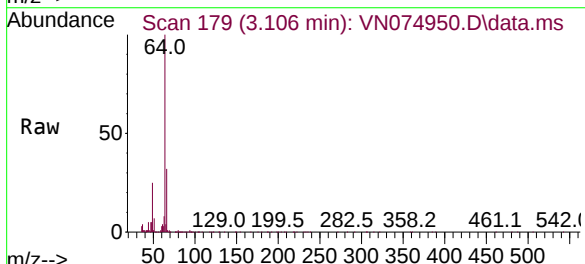
Instrument :  
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ICVVN102022

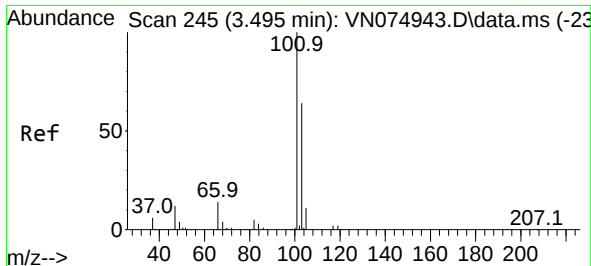
Tgt Ion: 94 Resp: 467076  
Ion Ratio Lower Upper  
94 100  
96 93.6 73.5 110.3



#6  
Chloroethane  
Concen: 49.576 ug/l  
RT: 3.106 min Scan# 179  
Delta R.T. 0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 64 Resp: 438355  
Ion Ratio Lower Upper  
64 100  
66 32.6 27.9 41.9

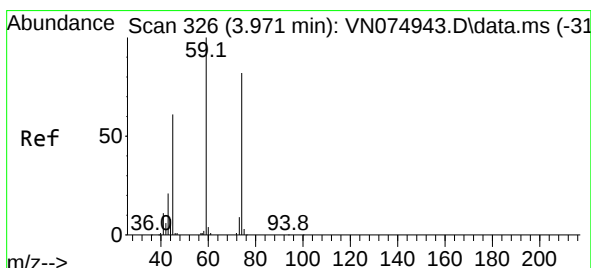
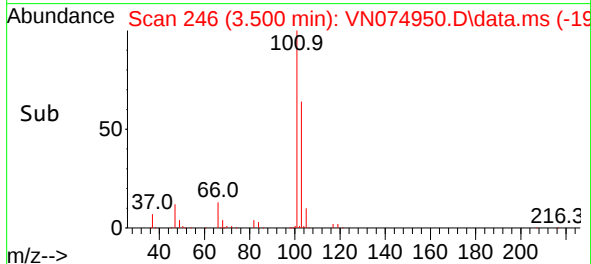
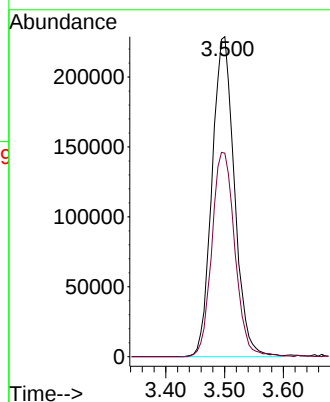
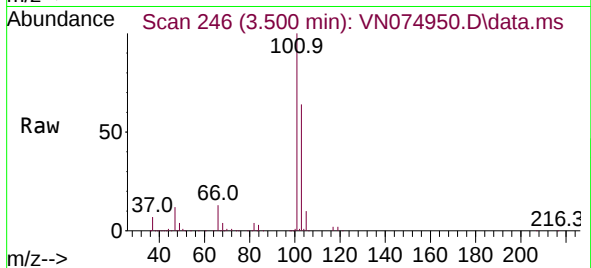




#7  
 Trichlorofluoromethane  
 Concen: 48.729 ug/l  
 RT: 3.500 min Scan# 245  
 Delta R.T. 0.005 min  
 Lab File: VN074950.D  
 Acq: 20 Oct 2022 18:28

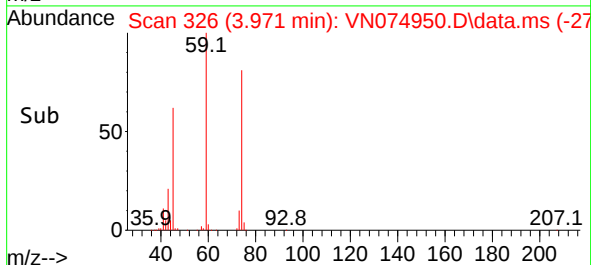
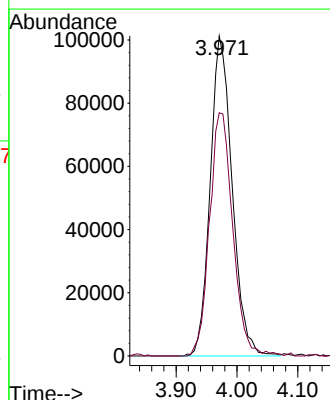
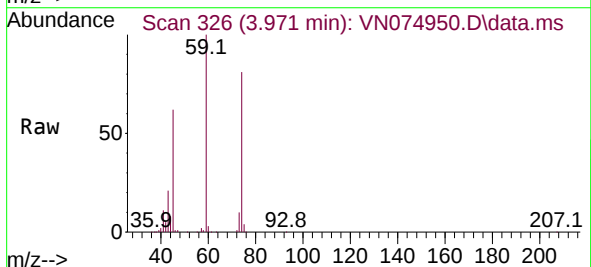
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN102022

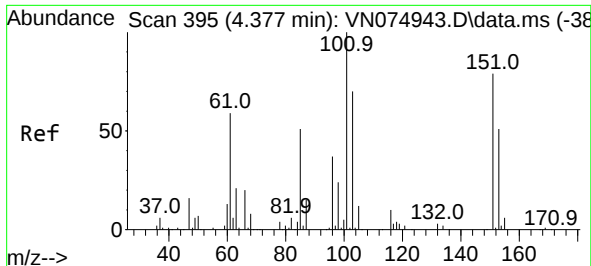
Tgt Ion:101 Resp: 604388  
 Ion Ratio Lower Upper  
 101 100  
 103 63.6 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 44.436 ug/l  
 RT: 3.971 min Scan# 326  
 Delta R.T. -0.000 min  
 Lab File: VN074950.D  
 Acq: 20 Oct 2022 18:28

Tgt Ion: 74 Resp: 253940  
 Ion Ratio Lower Upper  
 74 100  
 45 79.6 40.1 120.3

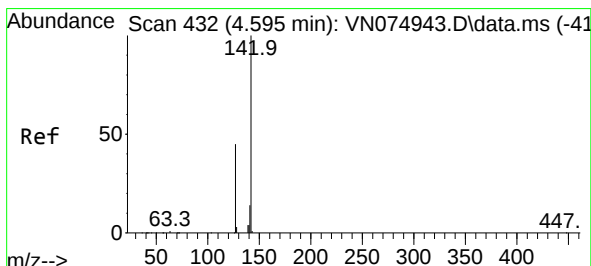
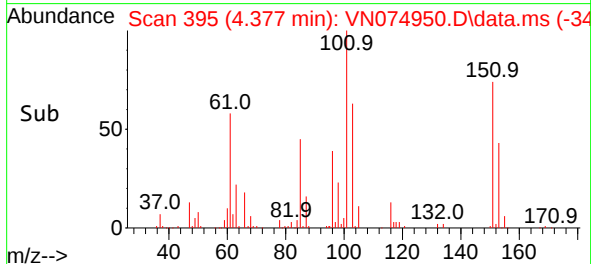
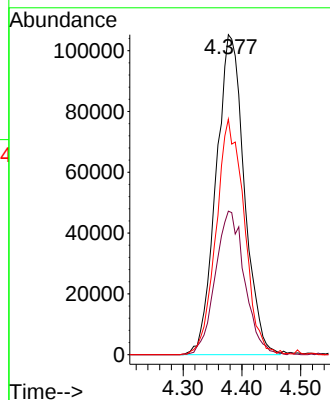
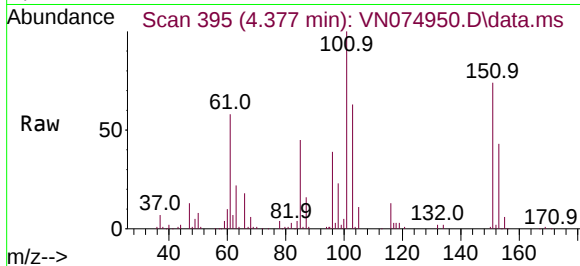




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.801 ug/l  
RT: 4.377 min Scan# 395  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

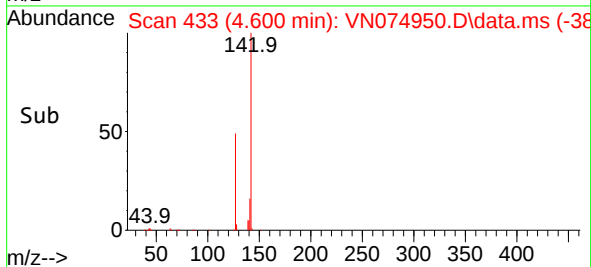
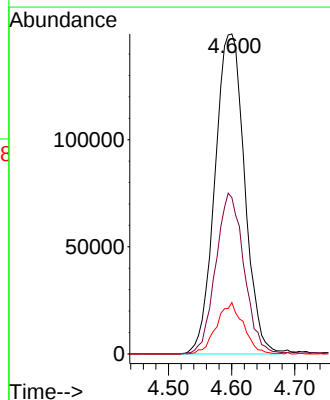
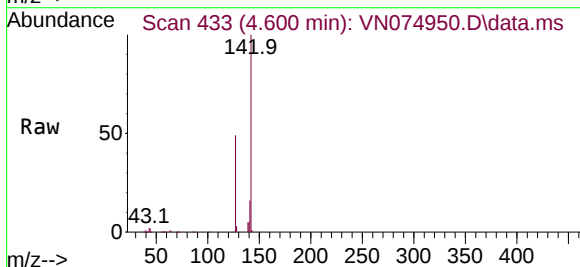
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

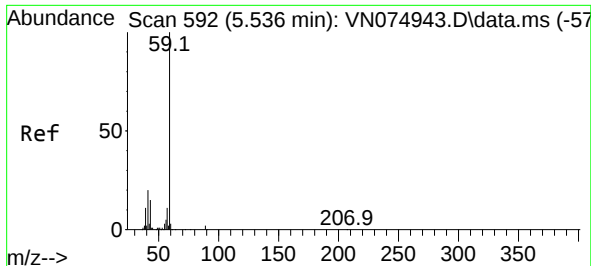
Tgt Ion:101 Resp: 351037  
Ion Ratio Lower Upper  
101 100  
85 46.6 37.8 56.8  
151 73.2 58.5 87.7



#10  
Methyl Iodide  
Concen: 45.129 ug/l  
RT: 4.600 min Scan# 433  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion:142 Resp: 486579  
Ion Ratio Lower Upper  
142 100  
127 48.0 37.0 55.4  
141 14.7 11.4 17.0

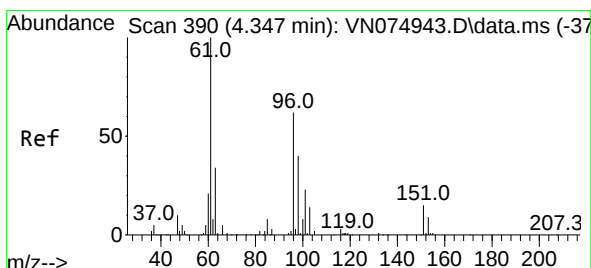
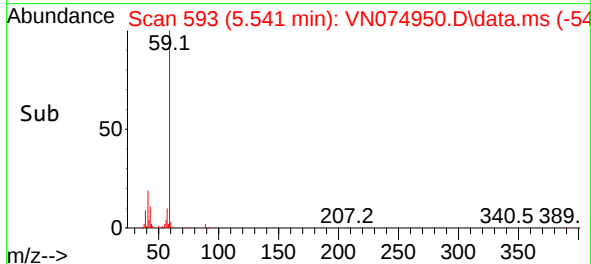
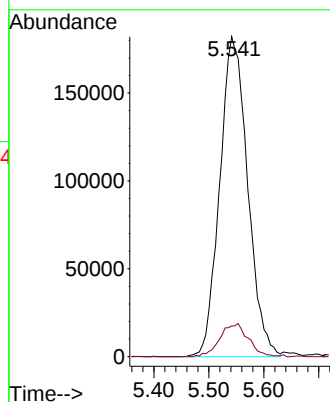
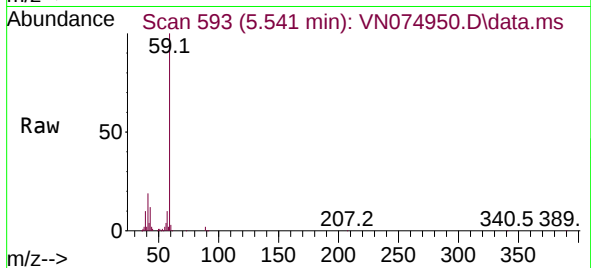




#11  
Tert butyl alcohol  
Concen: 237.074 ug/l  
RT: 5.541 min Scan# 59  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

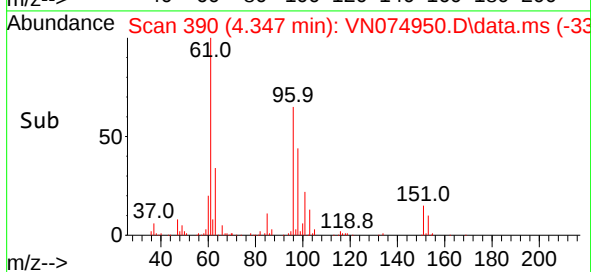
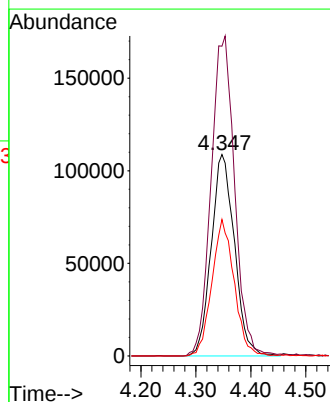
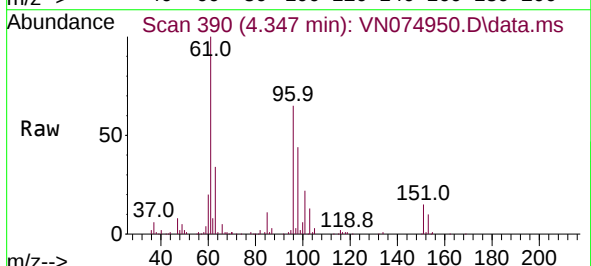
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

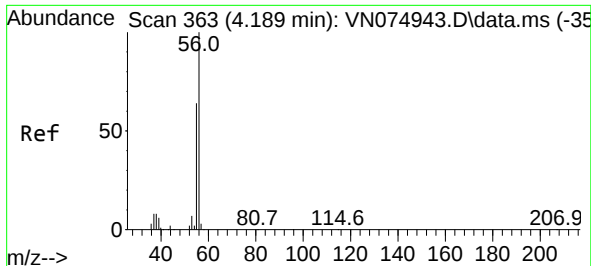
Tgt Ion: 59 Resp: 642173  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 48.338 ug/l  
RT: 4.347 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 96 Resp: 319436  
Ion Ratio Lower Upper  
96 100  
61 153.7 128.9 193.3  
98 67.7 51.8 77.8

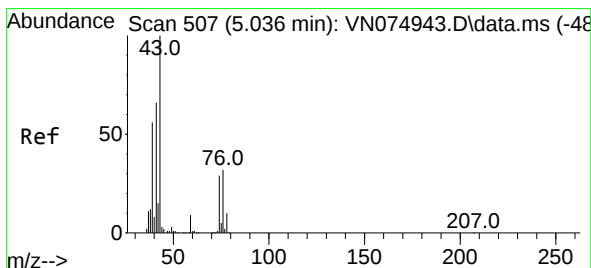
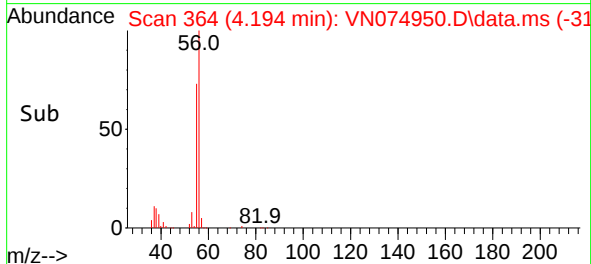
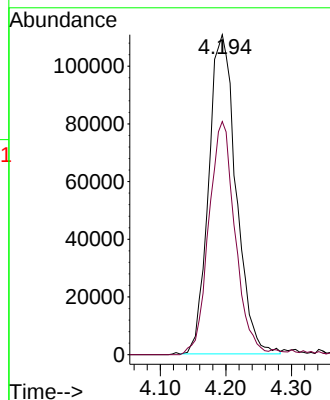
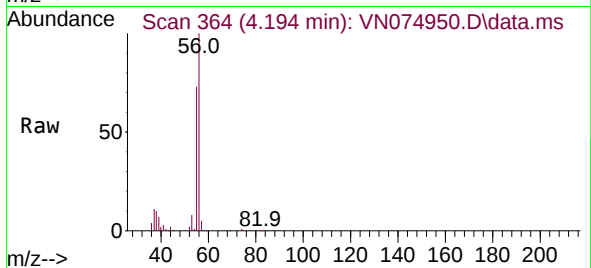




#13  
Acrolein  
Concen: 243.187 ug/l  
RT: 4.194 min Scan# 30  
Delta R.T. 0.005 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

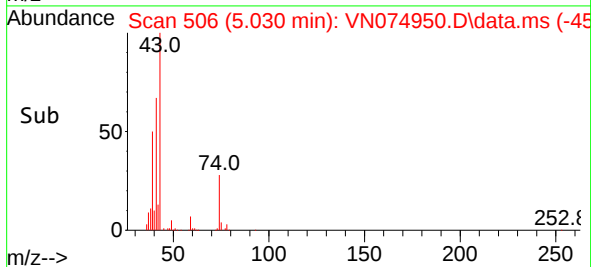
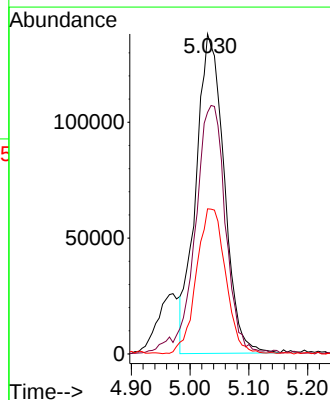
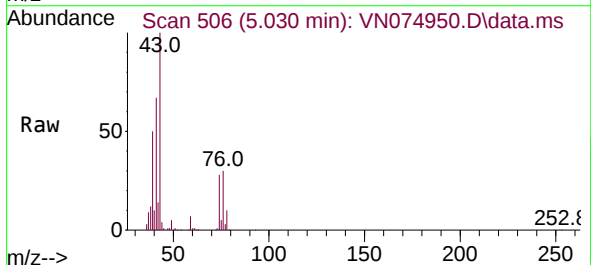
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

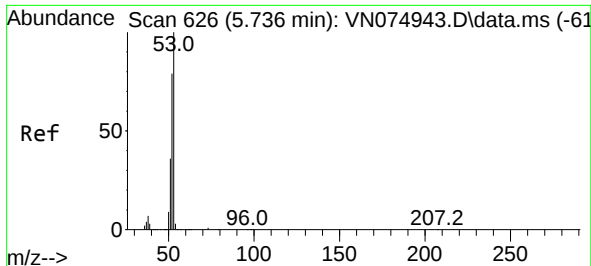
Tgt Ion: 56 Resp: 321729  
Ion Ratio Lower Upper  
56 100  
55 69.8 53.7 80.5



#14  
Allyl chloride  
Concen: 39.254 ug/l  
RT: 5.030 min Scan# 506  
Delta R.T. -0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

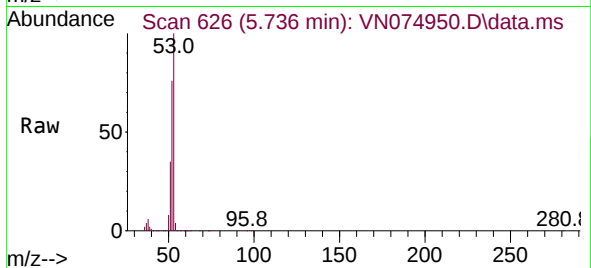
Tgt Ion: 41 Resp: 460574  
Ion Ratio Lower Upper  
41 100  
39 84.3 60.0 90.0  
76 46.6 33.7 50.5





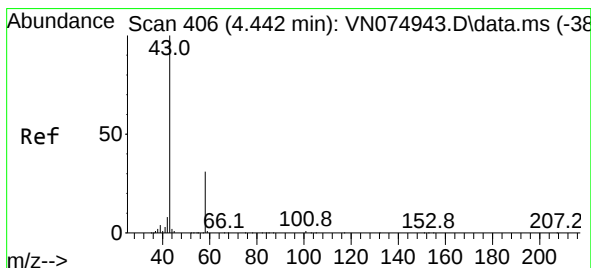
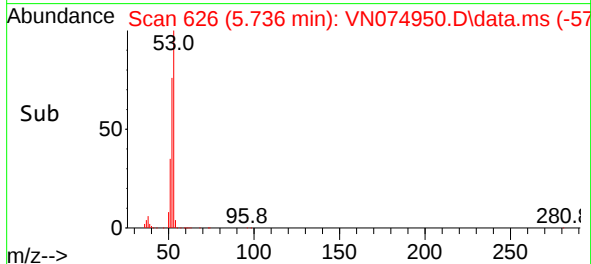
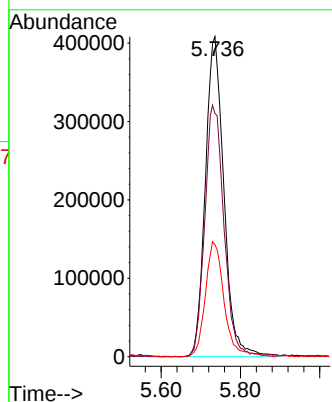
#15  
Acrylonitrile  
Concen: 241.689 ug/l  
RT: 5.736 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022



Tgt Ion: 53 Resp: 1324314

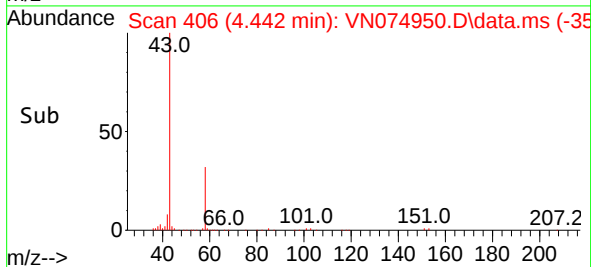
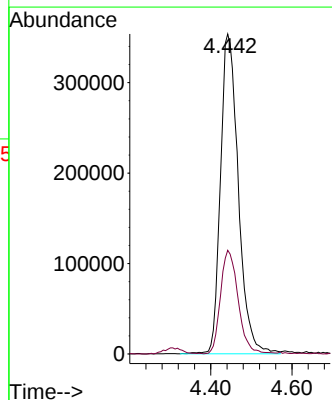
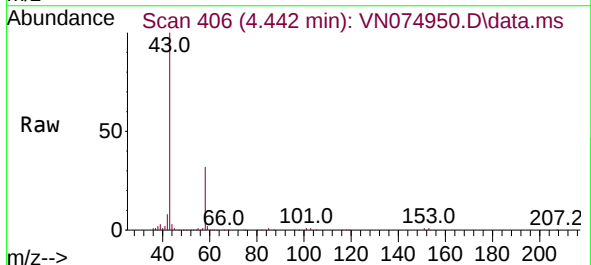
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.4  | 66.7  | 100.1 |
| 51  | 36.3  | 28.8  | 43.2  |

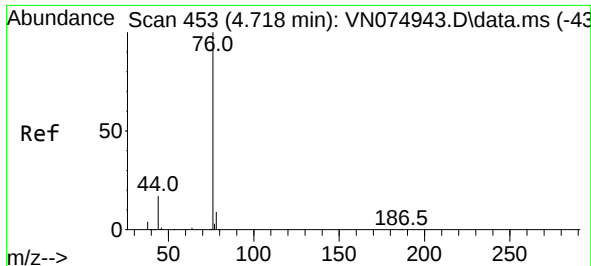


#16  
Acetone  
Concen: 247.436 ug/l  
RT: 4.442 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 43 Resp: 1082061

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.8  | 25.7  | 38.5  |

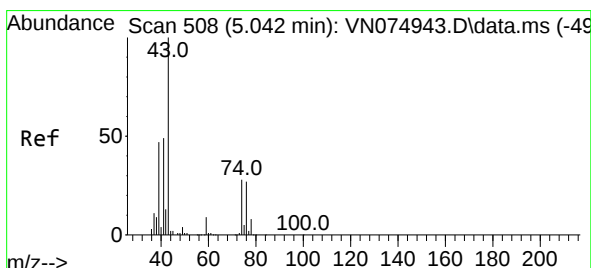
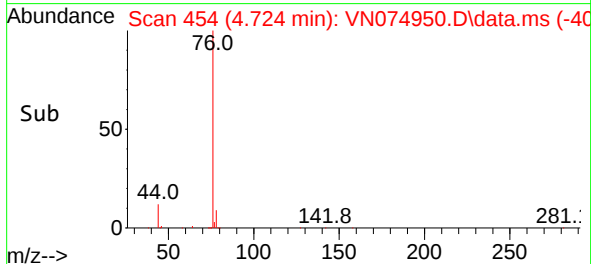
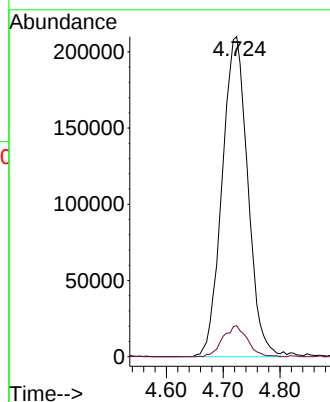
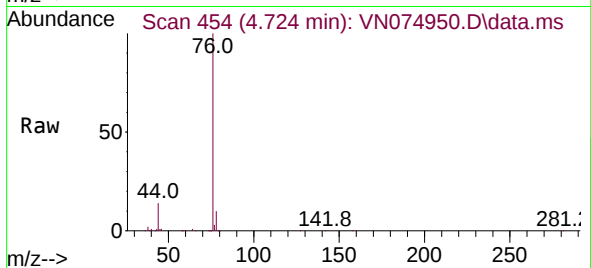




#17  
Carbon Disulfide  
Concen: 48.606 ug/l  
RT: 4.724 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

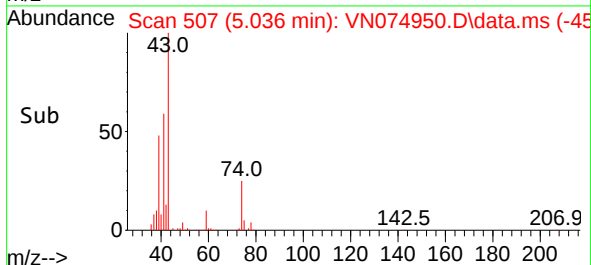
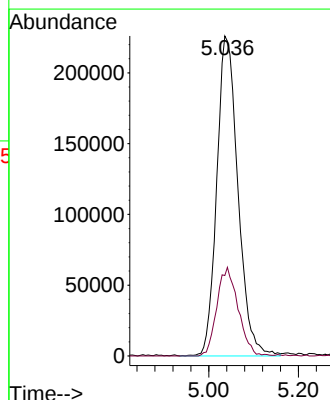
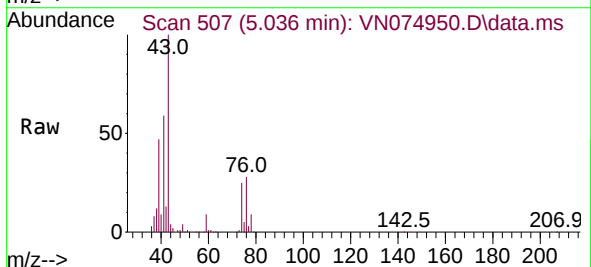
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

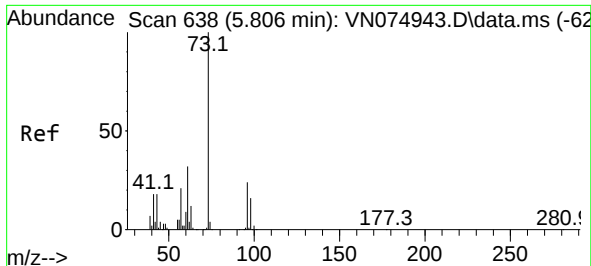
Tgt Ion: 76 Resp: 659108  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.4 11.2



#18  
Methyl Acetate  
Concen: 45.654 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. -0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 43 Resp: 742854  
Ion Ratio Lower Upper  
43 100  
74 27.8 23.1 34.7

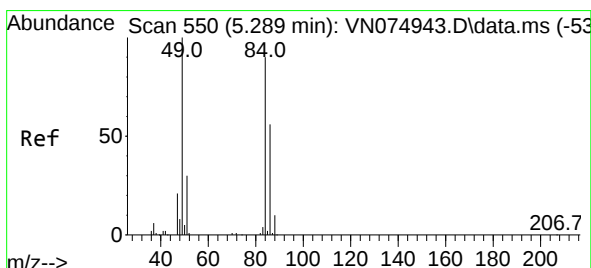
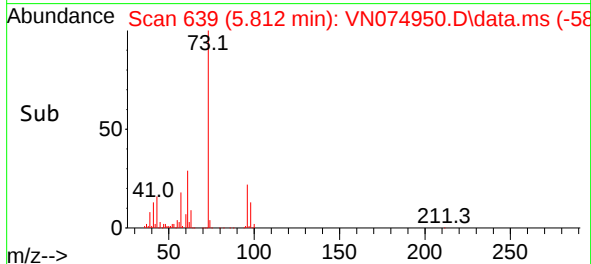
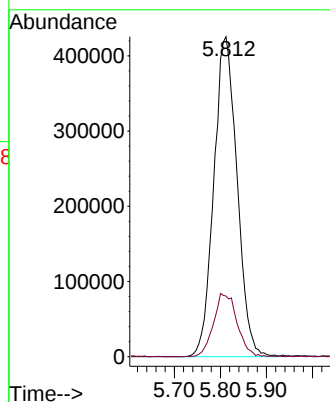
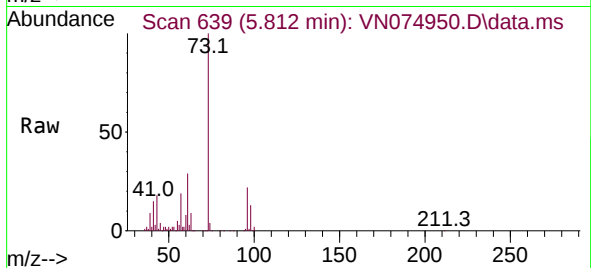




#19  
Methyl tert-butyl Ether  
Concen: 47.804 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

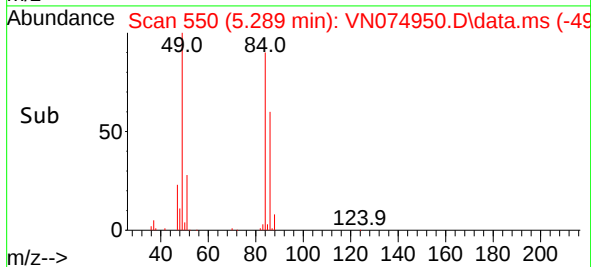
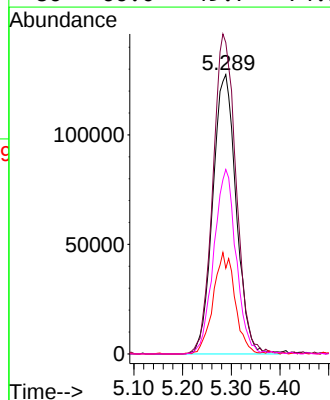
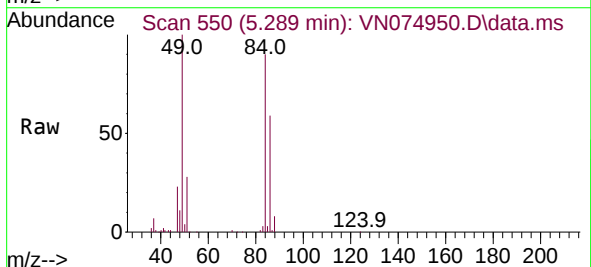
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

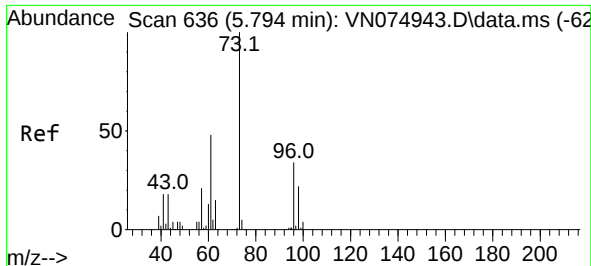
Tgt Ion: 73 Resp: 1487164  
Ion Ratio Lower Upper  
73 100  
57 19.0 16.9 25.3



#20  
Methylene Chloride  
Concen: 49.324 ug/l  
RT: 5.289 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 84 Resp: 425510  
Ion Ratio Lower Upper  
84 100  
49 111.4 88.6 133.0  
51 30.7 26.7 40.1  
86 66.0 49.7 74.5

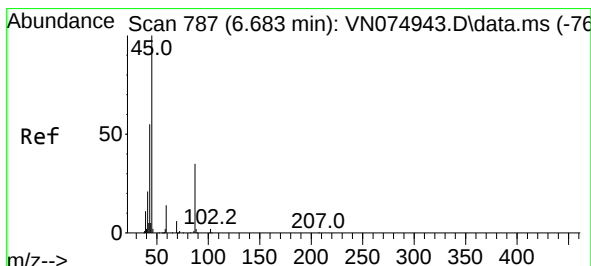
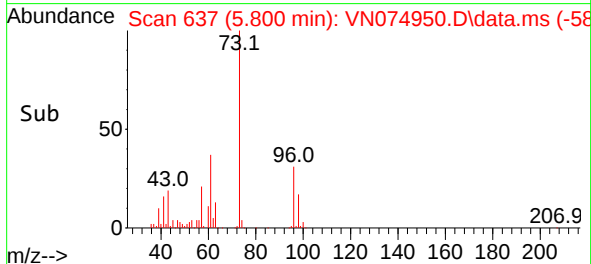
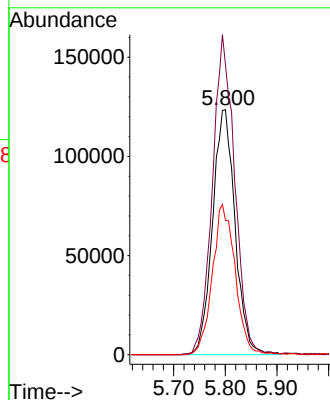
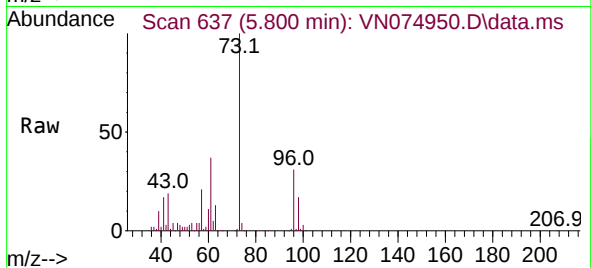




#21  
trans-1,2-Dichloroethene  
Concen: 48.040 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

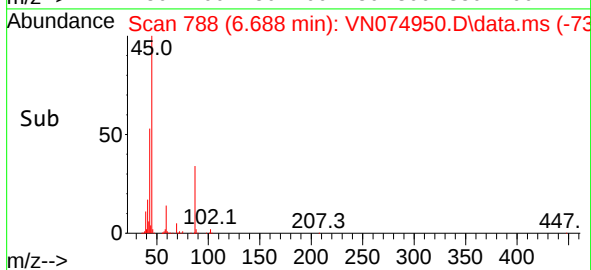
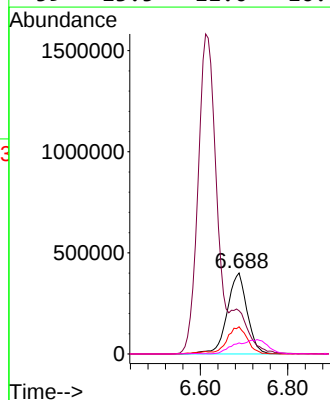
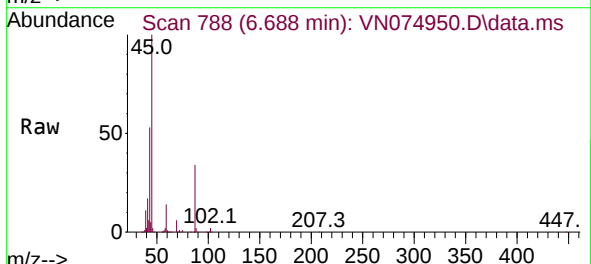
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

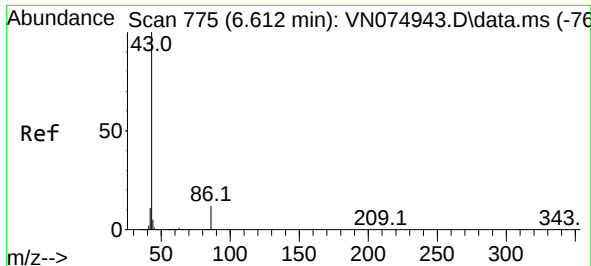
Tgt Ion: 96 Resp: 373939  
Ion Ratio Lower Upper  
96 100  
61 118.3 112.6 169.0  
98 54.9 52.4 78.6



#22  
Diisopropyl ether  
Concen: 47.128 ug/l  
RT: 6.688 min Scan# 788  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 45 Resp: 1265390  
Ion Ratio Lower Upper  
45 100  
43 52.2 44.9 67.3  
87 33.6 28.0 42.0  
59 13.5 11.0 16.4

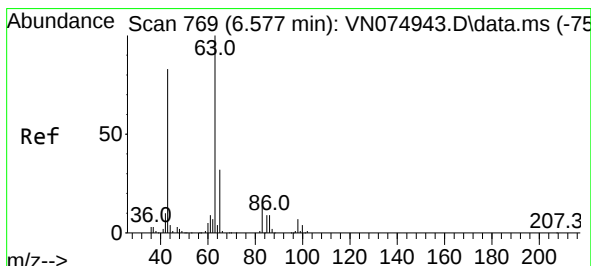
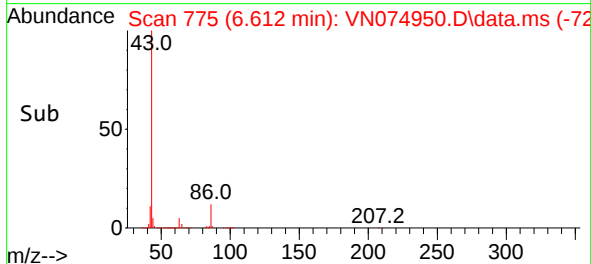
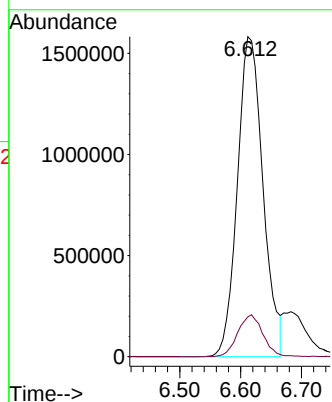
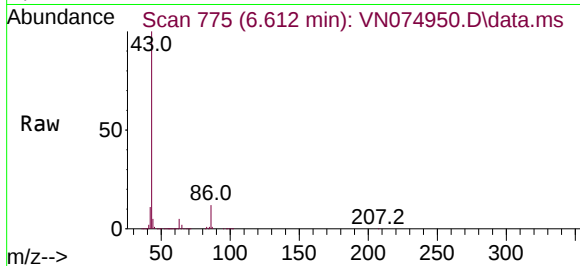




#23  
 Vinyl Acetate  
 Concen: 218.840 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. -0.000 min  
 Lab File: VN074950.D  
 Acq: 20 Oct 2022 18:28

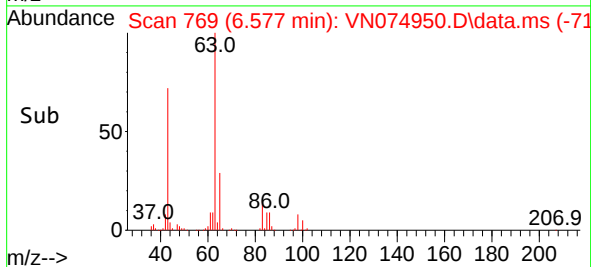
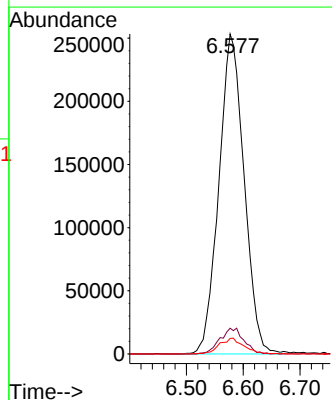
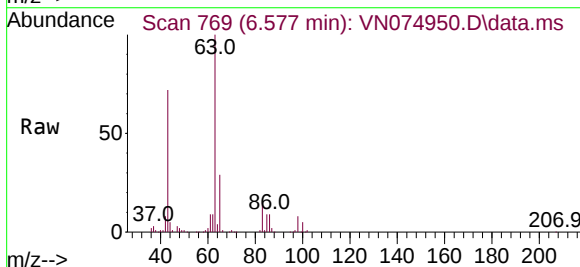
Instrument :  
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 ClientSampleId :  
 ICVVN102022

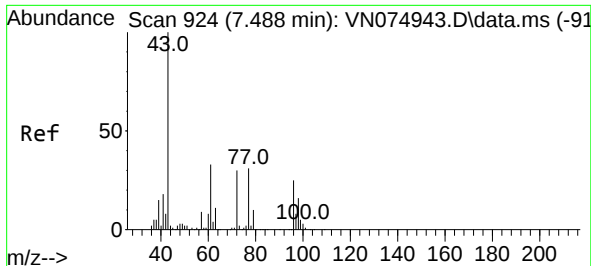
Tgt Ion: 43 Resp: 4625300  
 Ion Ratio Lower Upper  
 43 100  
 86 12.4 9.4 14.0



#24  
 1,1-Dichloroethane  
 Concen: 47.006 ug/l  
 RT: 6.577 min Scan# 769  
 Delta R.T. -0.000 min  
 Lab File: VN074950.D  
 Acq: 20 Oct 2022 18:28

Tgt Ion: 63 Resp: 780408  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.7 11.1  
 100 4.8 2.0 6.0





#25

2-Butanone

Concen: 230.706 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

Instrument :

MSVOA\_N

ClientSampleId :

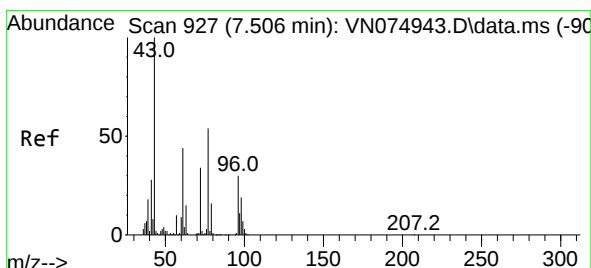
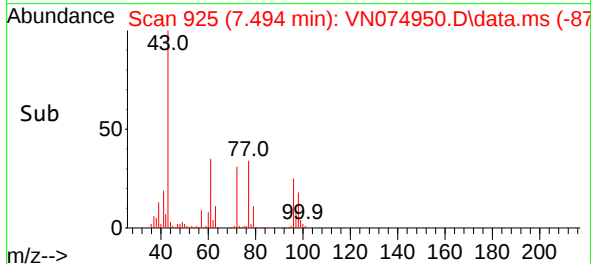
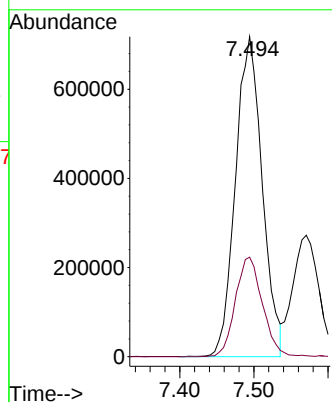
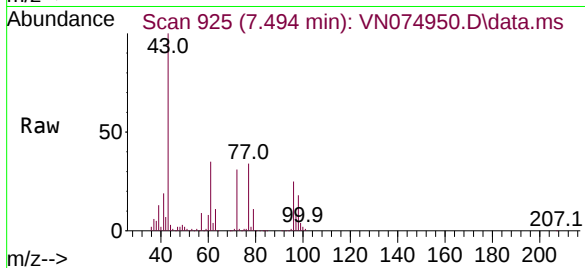
ICVVN102022

Tgt Ion: 43 Resp: 1800647

Ion Ratio Lower Upper

43 100

72 31.1 23.9 35.9



#26

2,2-Dichloropropane

Concen: 45.414 ug/l

RT: 7.500 min Scan# 926

Delta R.T. -0.006 min

Lab File: VN074950.D

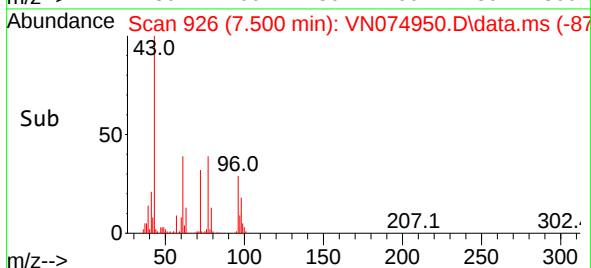
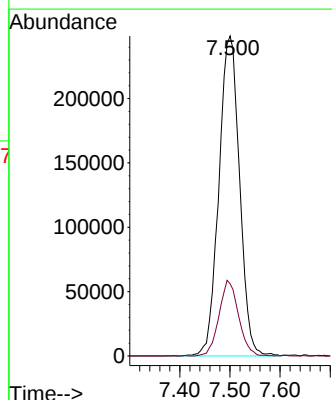
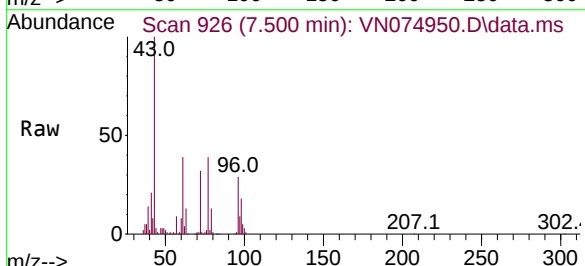
Acq: 20 Oct 2022 18:28

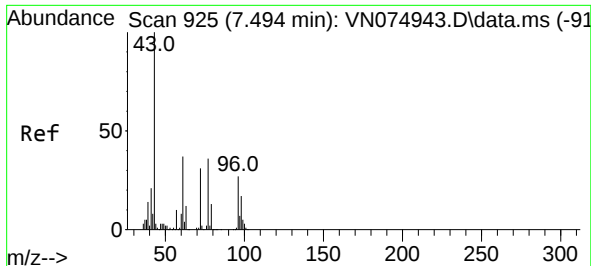
Tgt Ion: 77 Resp: 712572

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8

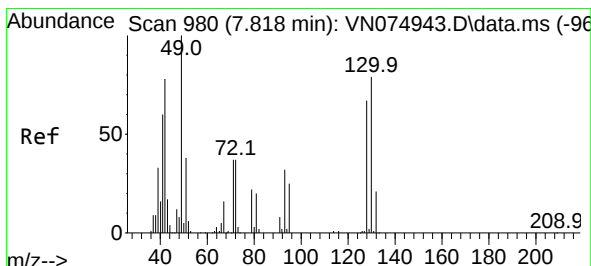
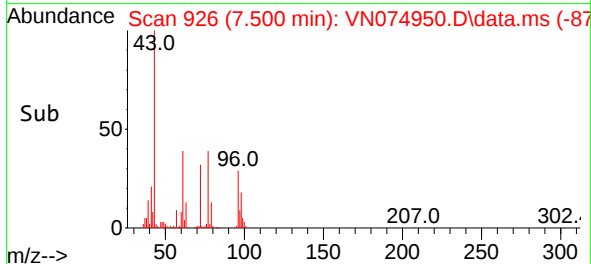
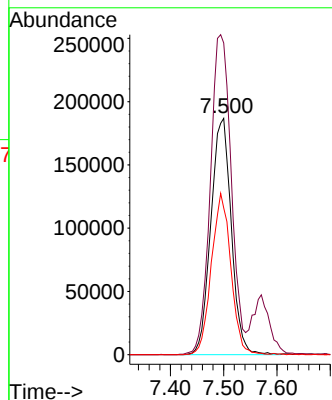
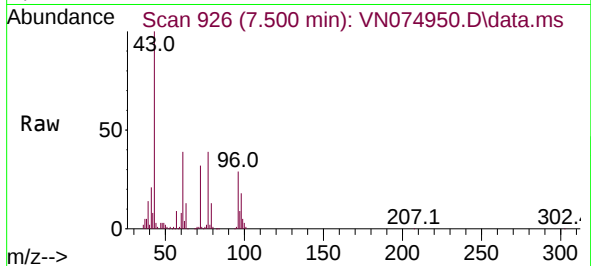




#27  
 cis-1,2-Dichloroethene  
 Concen: 46.362 ug/l  
 RT: 7.500 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN074950.D  
 Acq: 20 Oct 2022 18:28

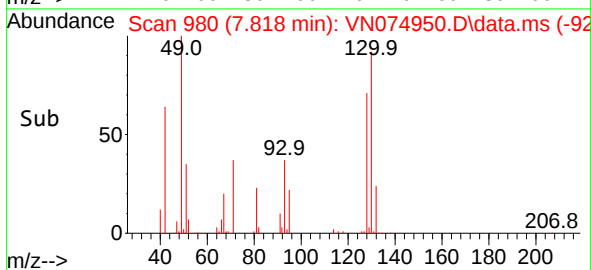
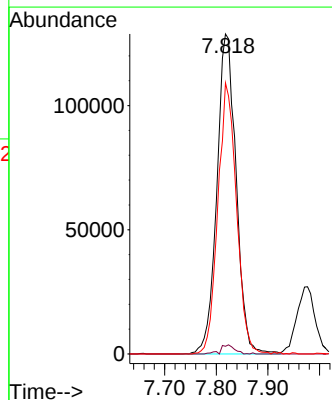
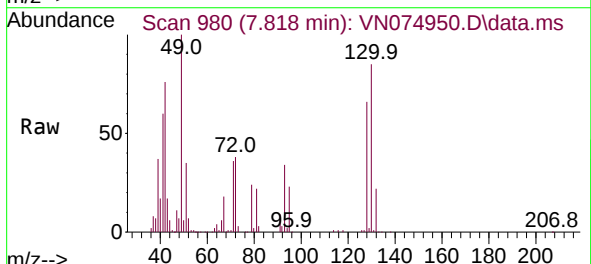
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN102022

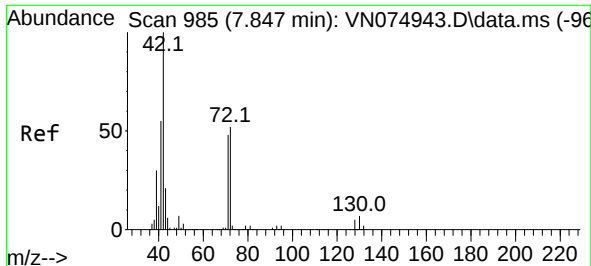
Tgt Ion: 96 Resp: 498993  
 Ion Ratio Lower Upper  
 96 100  
 61 138.6 0.0 277.8  
 98 64.9 0.0 127.2



#28  
 Bromochloromethane  
 Concen: 48.183 ug/l  
 RT: 7.818 min Scan# 980  
 Delta R.T. -0.000 min  
 Lab File: VN074950.D  
 Acq: 20 Oct 2022 18:28

Tgt Ion: 49 Resp: 333328  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.2  
 130 81.7 64.4 96.6

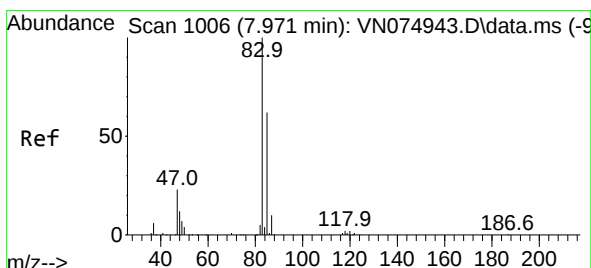
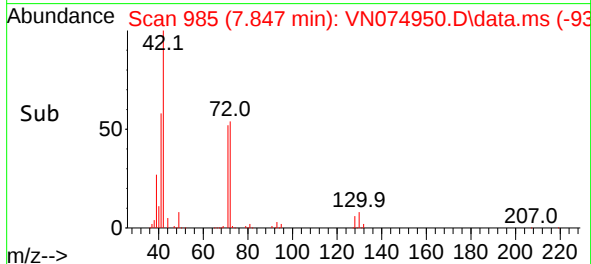
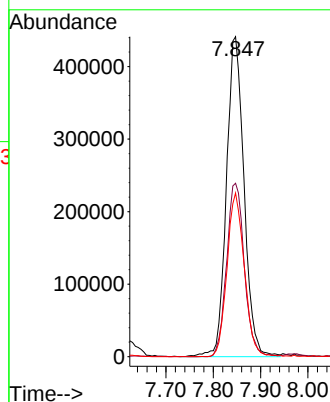
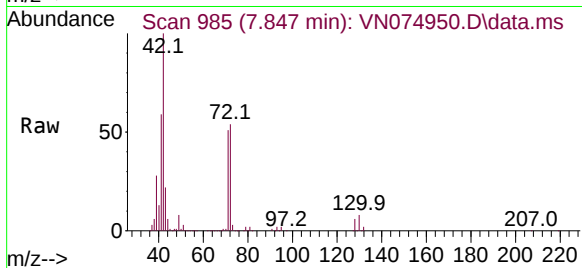




#29  
Tetrahydrofuran  
Concen: 236.715 ug/l  
RT: 7.847 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

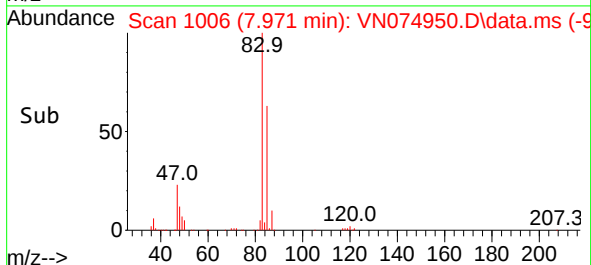
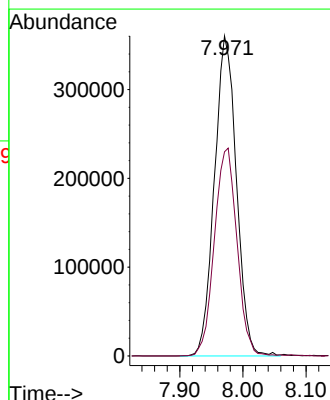
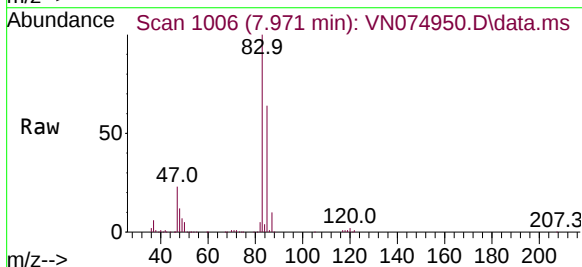
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

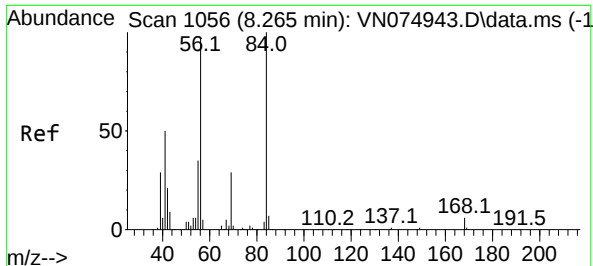
Tgt Ion: 42 Resp: 1139480  
Ion Ratio Lower Upper  
42 100  
72 54.5 42.2 63.4  
71 50.5 39.4 59.2



#30  
Chloroform  
Concen: 46.571 ug/l  
RT: 7.971 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 83 Resp: 873659  
Ion Ratio Lower Upper  
83 100  
85 63.8 49.9 74.9

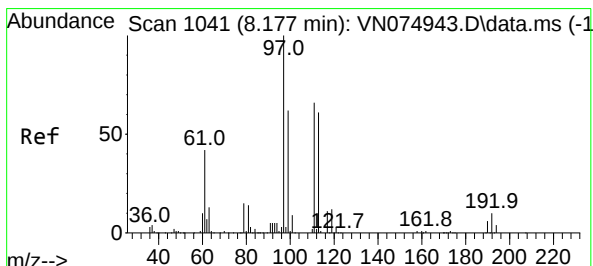
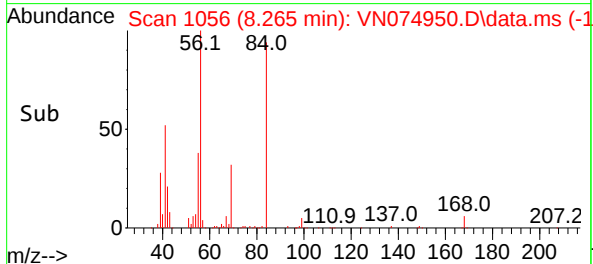
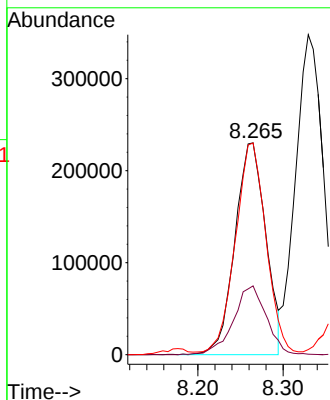
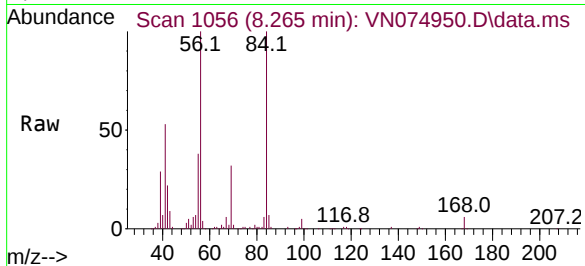




#31  
Cyclohexane  
Concen: 44.298 ug/l  
RT: 8.265 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

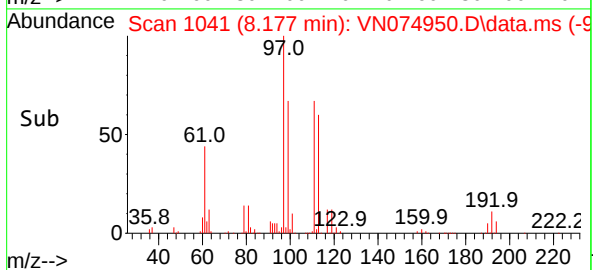
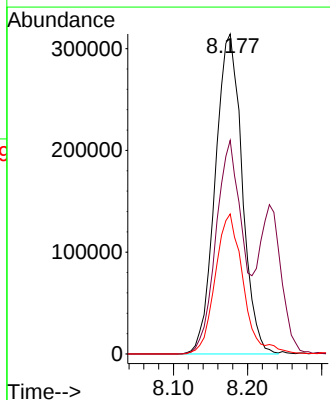
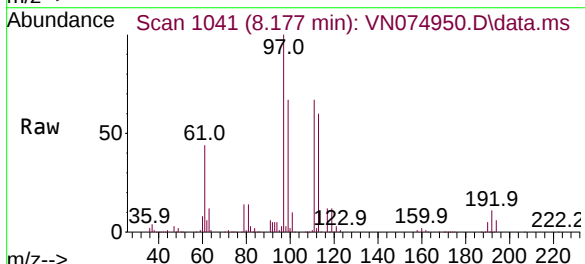
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

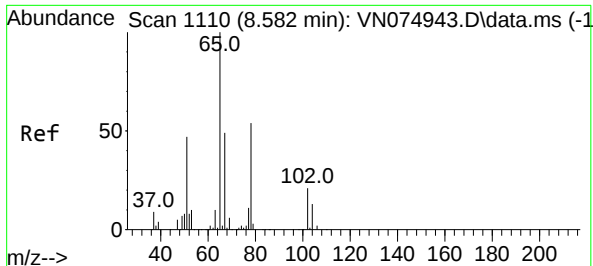
Tgt Ion: 56 Resp: 579861  
Ion Ratio Lower Upper  
56 100  
69 32.5 24.2 36.2  
84 97.0 82.8 124.2



#32  
1,1,1-Trichloroethane  
Concen: 46.874 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 97 Resp: 791228  
Ion Ratio Lower Upper  
97 100  
99 66.1 53.0 79.4  
61 45.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.535 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

Instrument :

MSVOA\_N

ClientSampleId :

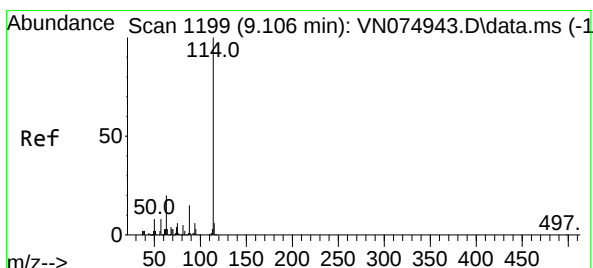
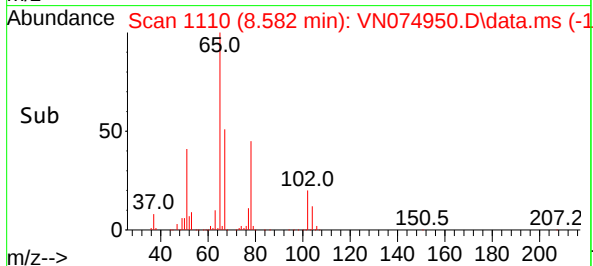
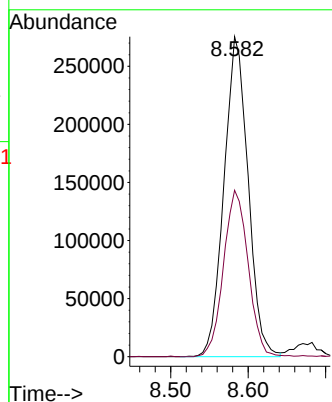
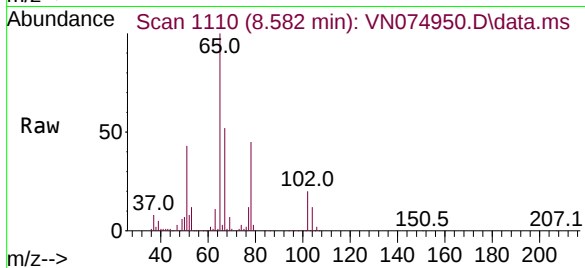
ICVVN102022

Tgt Ion: 65 Resp: 596212

Ion Ratio Lower Upper

65 100

67 53.2 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

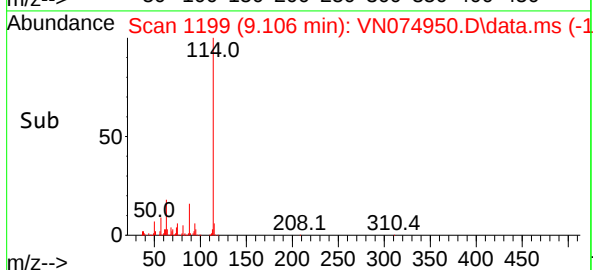
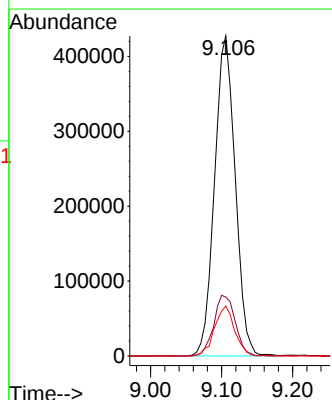
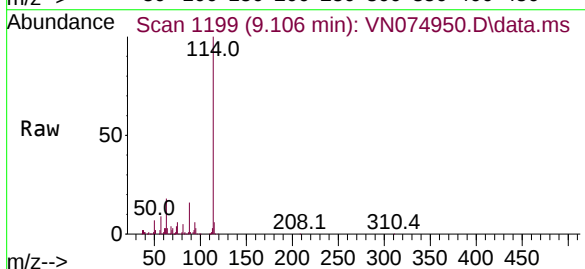
Tgt Ion: 114 Resp: 861620

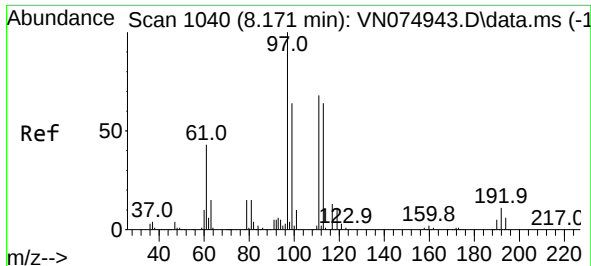
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.8

88 15.6 0.0 30.4

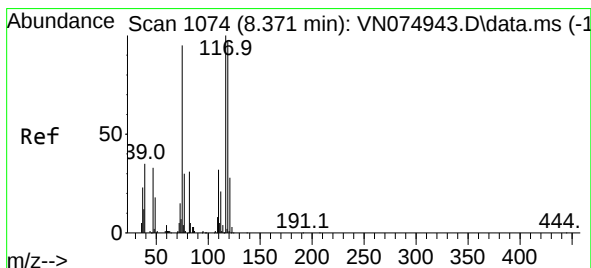
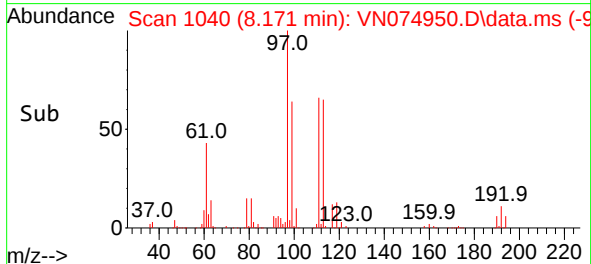
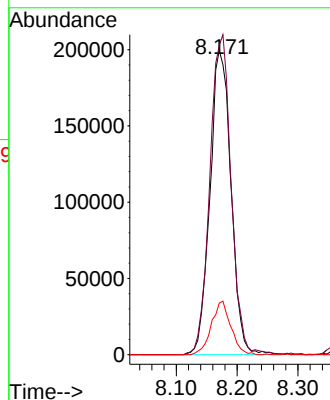
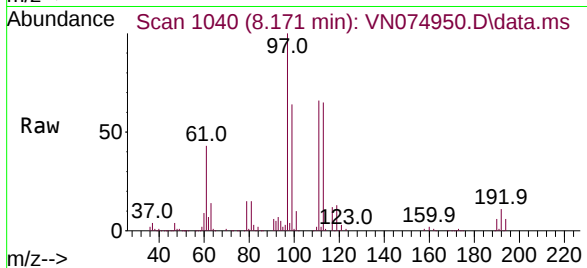




#35  
Dibromofluoromethane  
Concen: 46.762 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

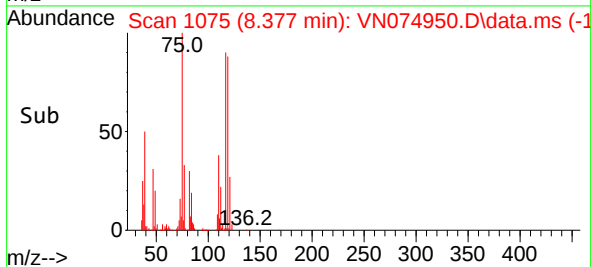
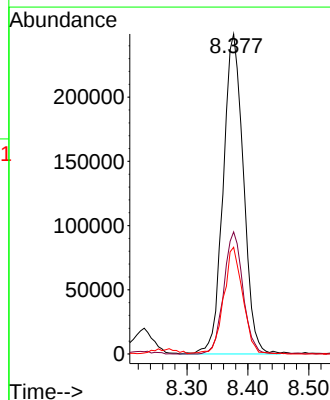
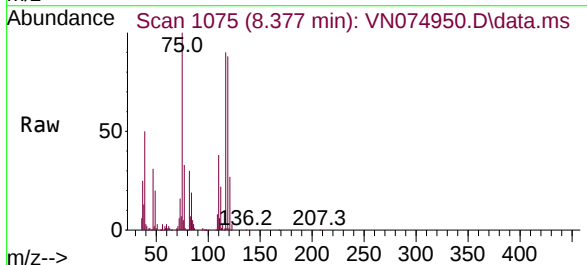
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

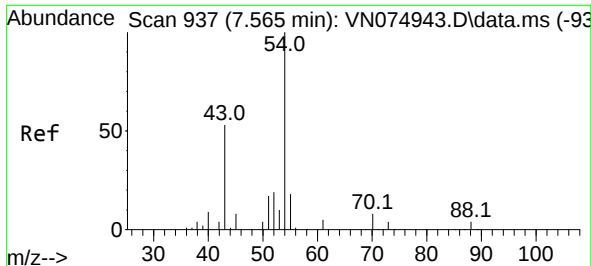
Tgt Ion:113 Resp: 479569  
Ion Ratio Lower Upper  
113 100  
111 106.2 83.4 125.2  
192 16.3 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 44.606 ug/l  
RT: 8.377 min Scan# 1075  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 75 Resp: 576110  
Ion Ratio Lower Upper  
75 100  
110 36.3 18.1 54.4  
77 31.0 25.0 37.4

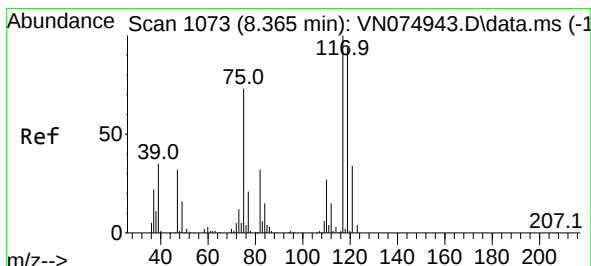
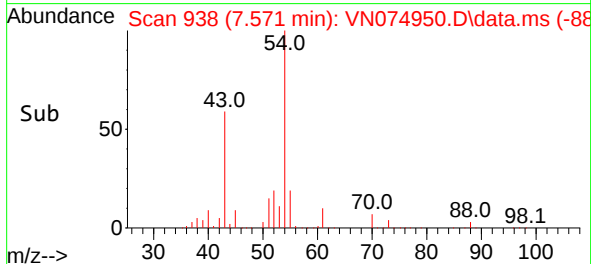
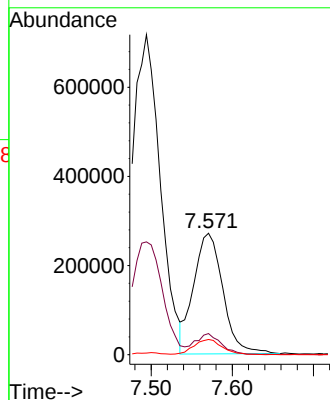
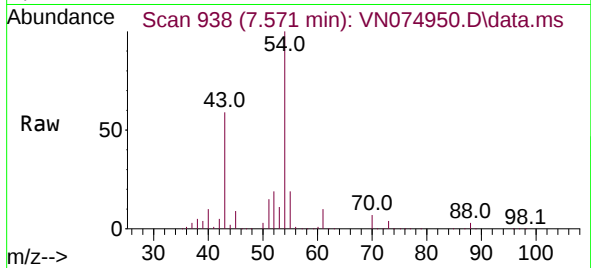




#37  
Ethyl Acetate  
Concen: 44.654 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

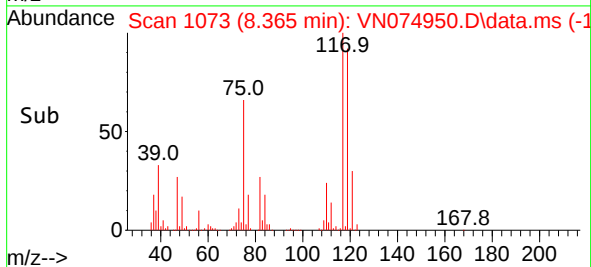
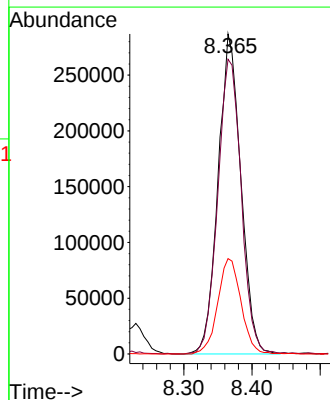
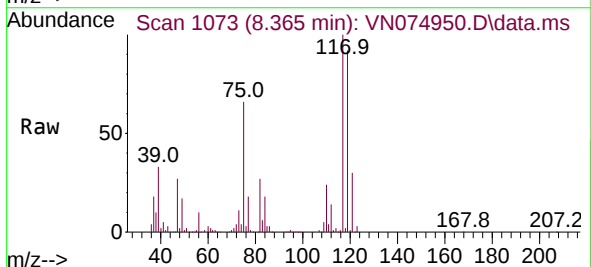
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

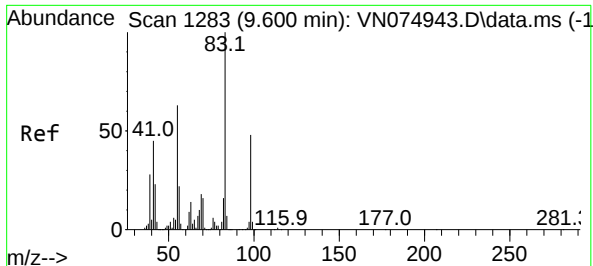
Tgt Ion: 43 Resp: 679117  
Ion Ratio Lower Upper  
43 100  
61 15.5 12.1 18.1  
70 12.3 9.2 13.8



#38  
Carbon Tetrachloride  
Concen: 47.439 ug/l  
RT: 8.365 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 117 Resp: 666973  
Ion Ratio Lower Upper  
117 100  
119 92.1 75.2 112.8  
121 29.8 27.0 40.6





#39

Methylcyclohexane

Concen: 45.855 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN102022

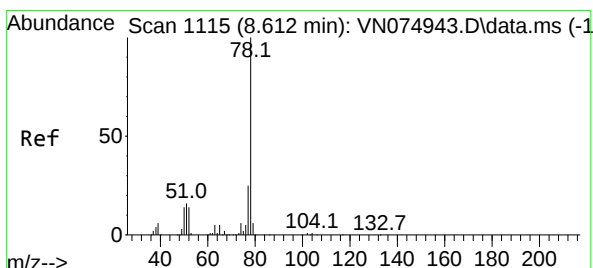
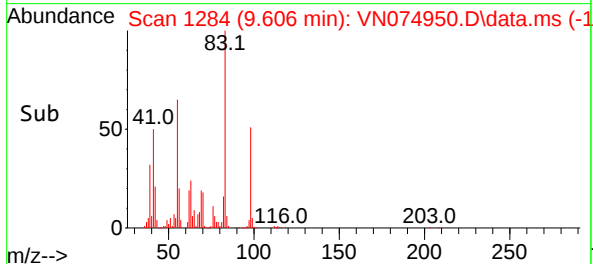
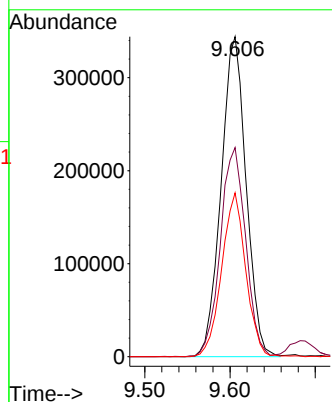
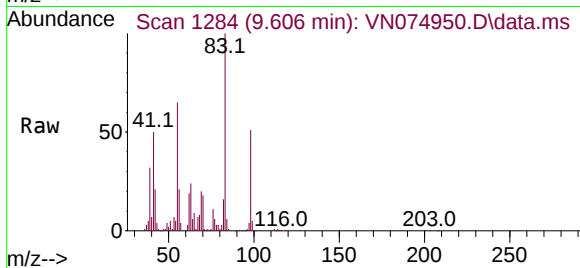
Tgt Ion: 83 Resp: 701699

Ion Ratio Lower Upper

83 100

55 65.3 50.8 76.2

98 51.2 38.8 58.2



#40

Benzene

Concen: 45.698 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN074950.D

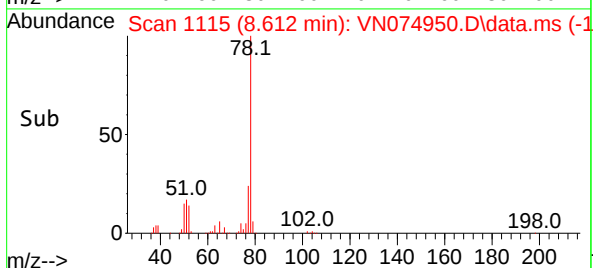
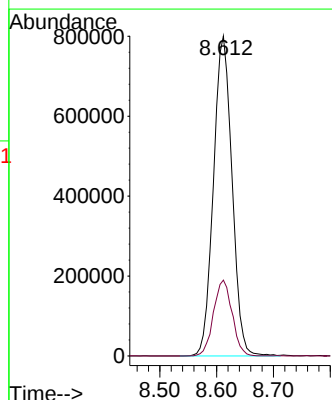
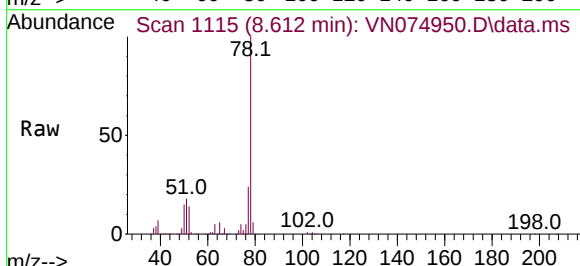
Acq: 20 Oct 2022 18:28

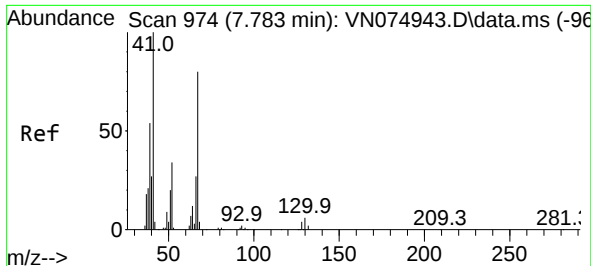
Tgt Ion: 78 Resp: 1819593

Ion Ratio Lower Upper

78 100

77 23.7 19.6 29.4

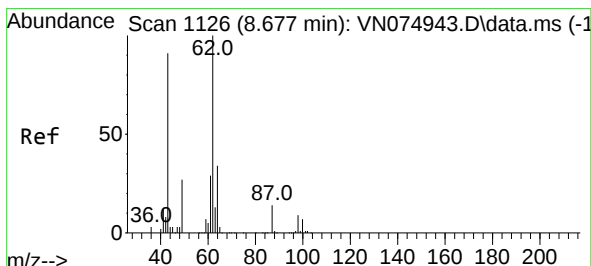
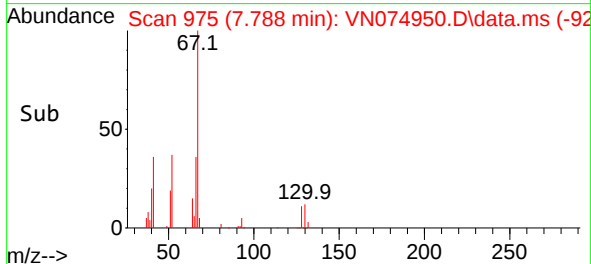
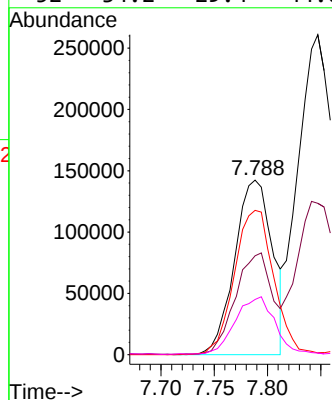
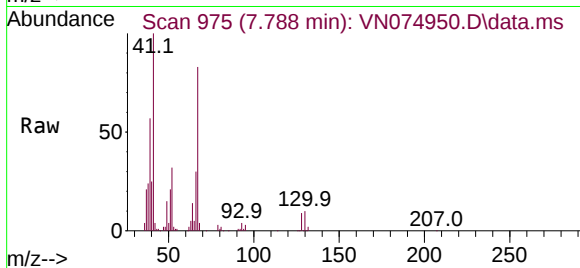




#41  
Methacrylonitrile  
Concen: 46.071 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

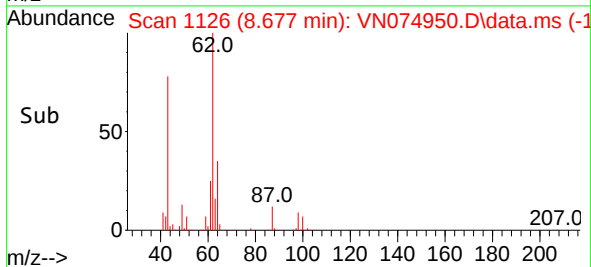
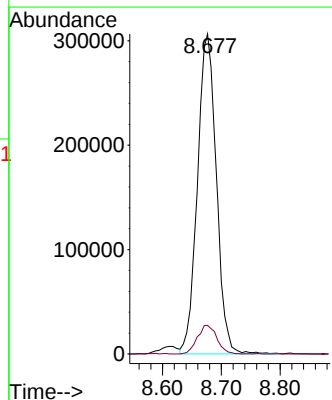
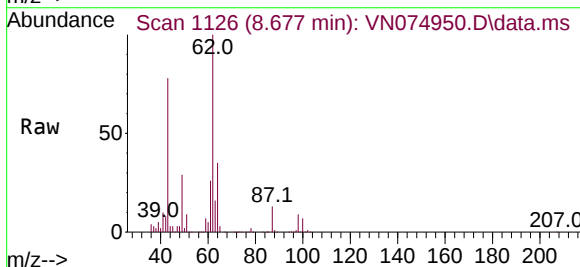
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

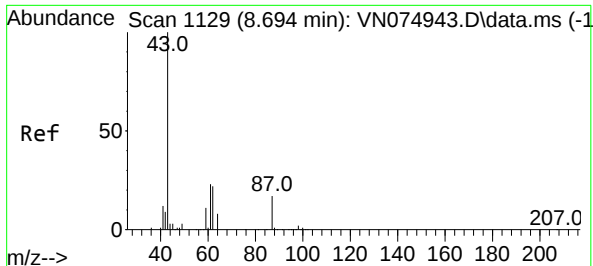
Tgt Ion: 41 Resp: 351674  
Ion Ratio Lower Upper  
41 100  
39 57.4 47.9 71.9  
67 86.2 70.8 106.2  
52 34.2 29.4 44.0



#42  
1,2-Dichloroethane  
Concen: 45.510 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 62 Resp: 685943  
Ion Ratio Lower Upper  
62 100  
98 9.3 0.0 17.8



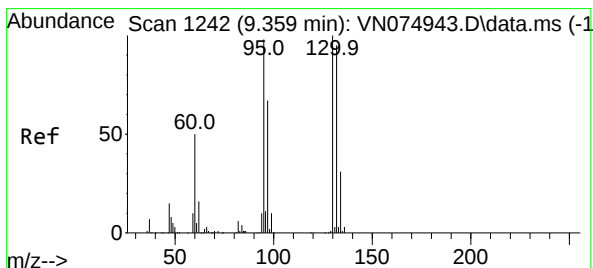
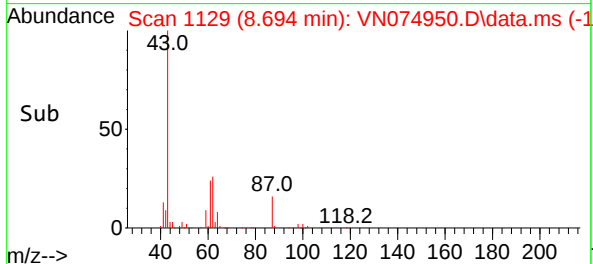
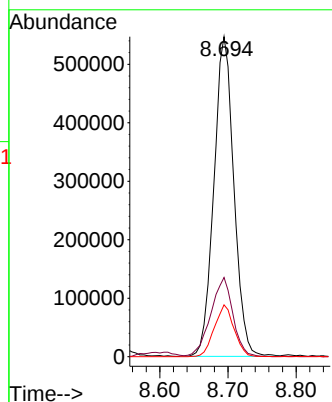
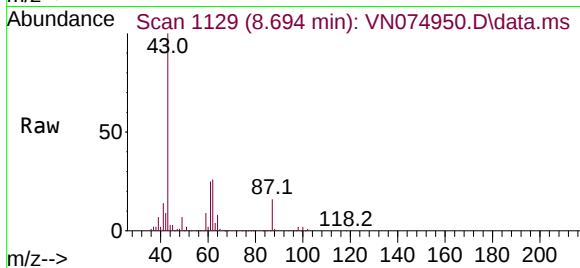


#43  
Isopropyl Acetate  
Concen: 47.351 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

Tgt Ion: 43 Resp: 1116938

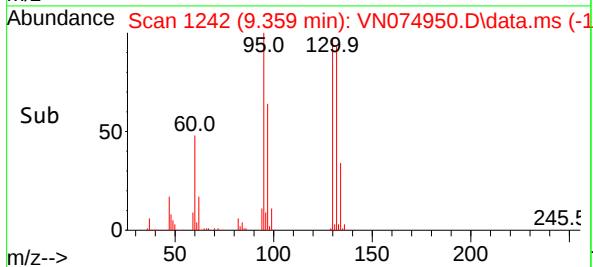
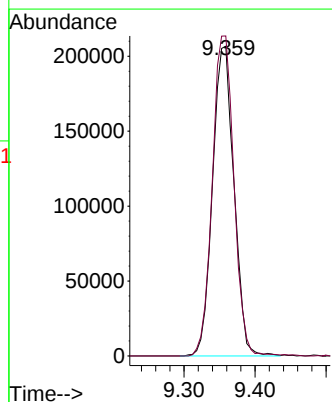
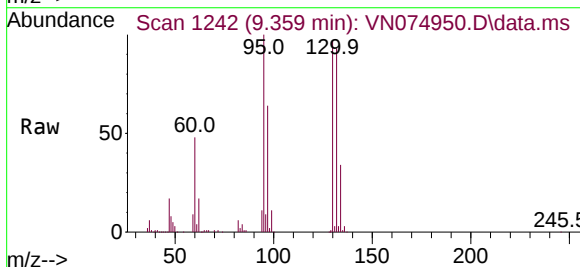
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 27.6  | 22.3  | 33.5  |
| 87  | 16.0  | 12.8  | 19.2  |

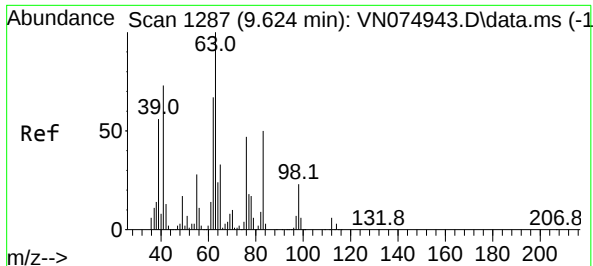


#44  
Trichloroethene  
Concen: 44.143 ug/l  
RT: 9.359 min Scan# 1242  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion:130 Resp: 431394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 103.3 | 0.0   | 195.8 |





#45

1,2-Dichloropropane

Concen: 45.043 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

Instrument :

MSVOA\_N

ClientSampleId :

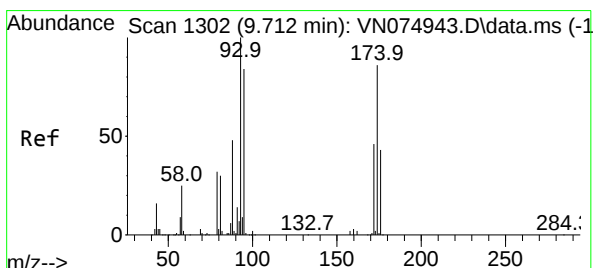
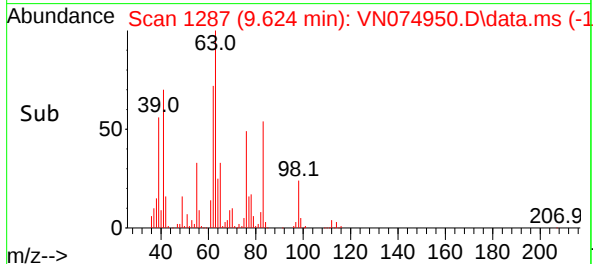
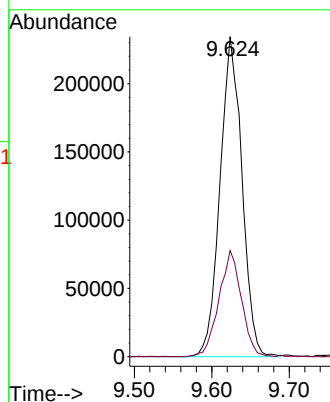
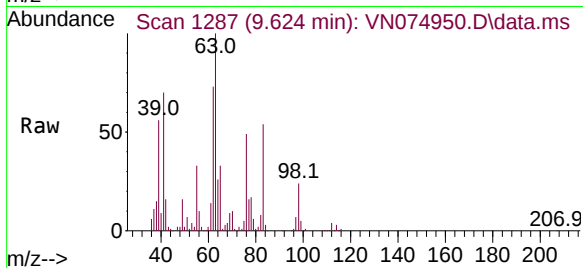
ICVVN102022

Tgt Ion: 63 Resp: 462254

Ion Ratio Lower Upper

63 100

65 33.2 26.3 39.5



#46

Dibromomethane

Concen: 46.864 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

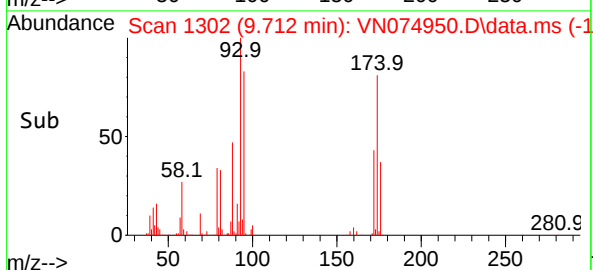
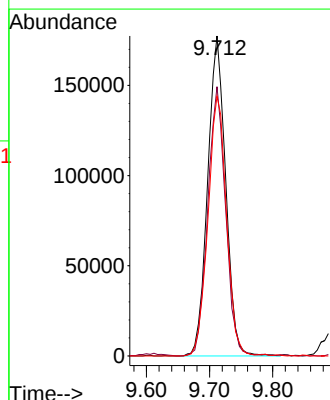
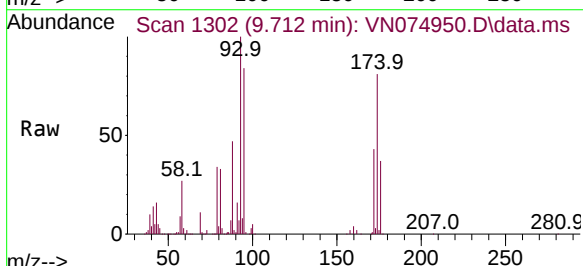
Tgt Ion: 93 Resp: 351702

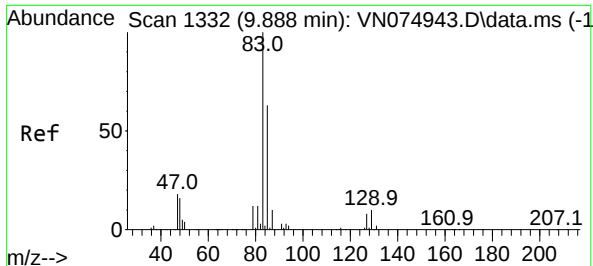
Ion Ratio Lower Upper

93 100

95 83.4 66.0 99.0

174 83.3 68.8 103.2

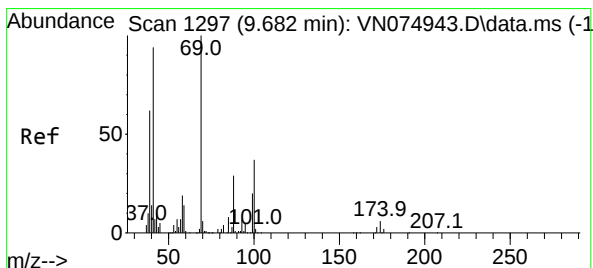
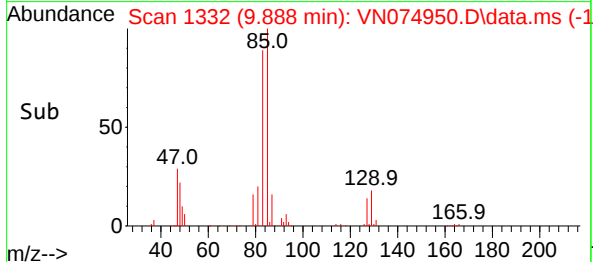
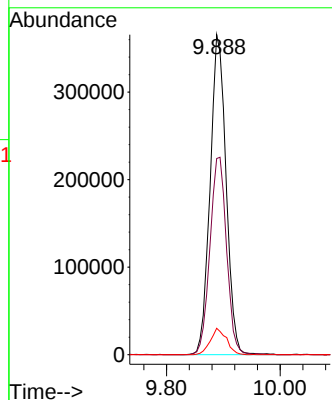
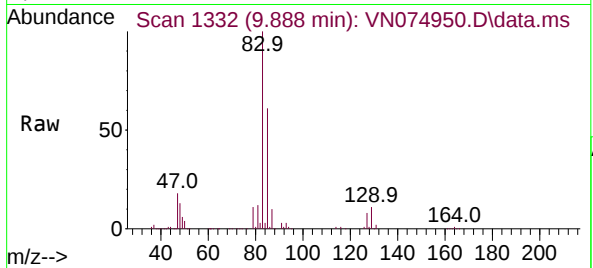




#47  
Bromodichloromethane  
Concen: 46.962 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

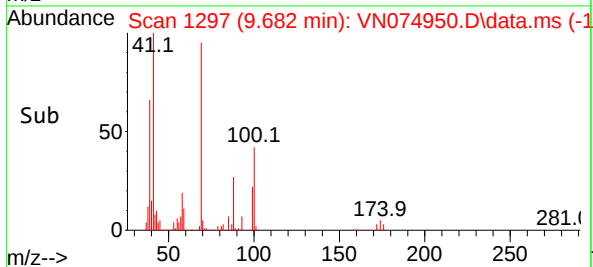
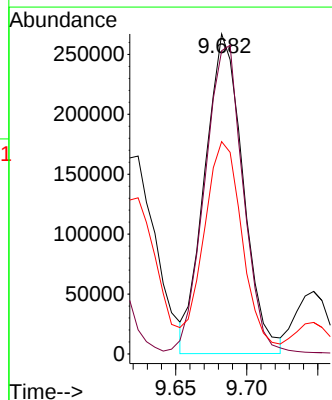
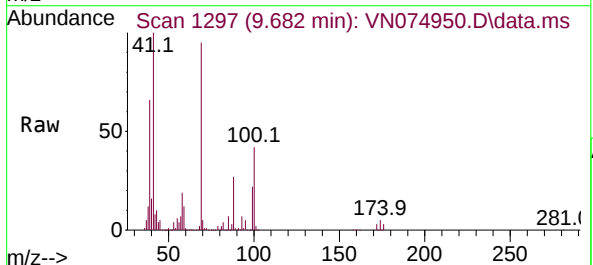
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

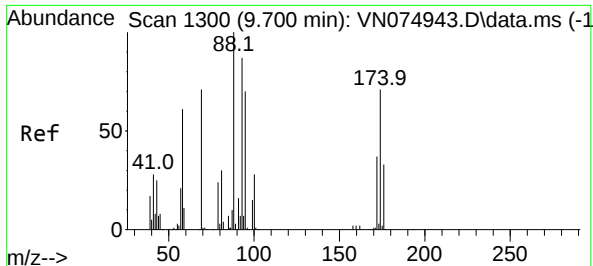
Tgt Ion: 83 Resp: 711959  
Ion Ratio Lower Upper  
83 100  
85 61.3 50.1 75.1  
127 8.3 6.5 9.7



#48  
Methyl methacrylate  
Concen: 48.511 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 41 Resp: 500359  
Ion Ratio Lower Upper  
41 100  
69 98.0 79.7 119.5  
39 67.5 55.1 82.7





#49

1,4-Dioxane

Concen: 984.666 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN102022

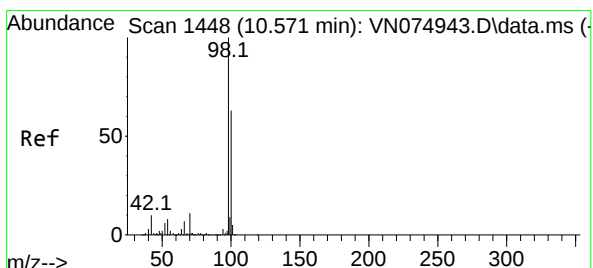
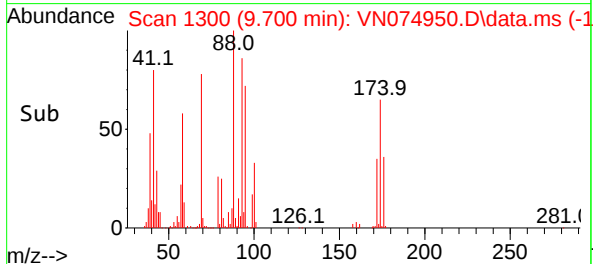
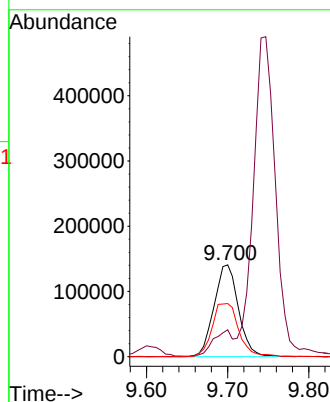
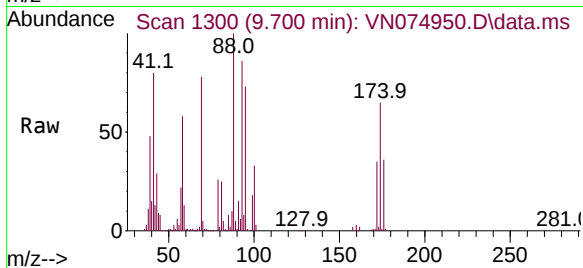
Tgt Ion: 88 Resp: 293637

Ion Ratio Lower Upper

88 100

43 21.8 21.1 31.7

58 63.6 49.8 74.8



#50

Toluene-d8

Concen: 49.074 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN074950.D

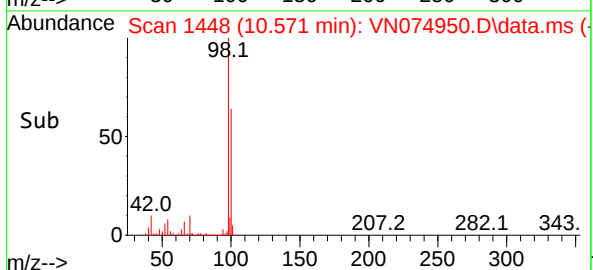
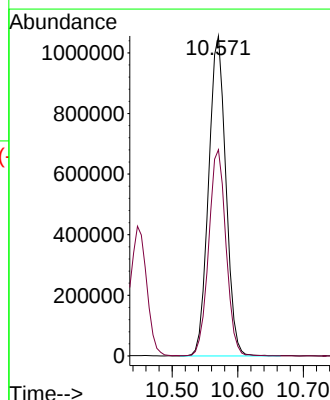
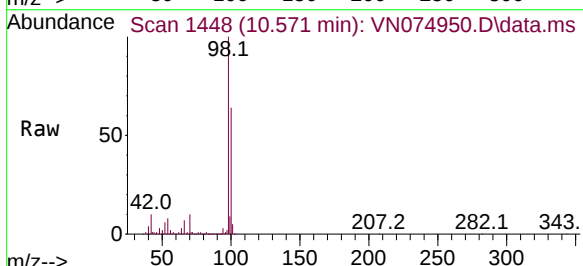
Acq: 20 Oct 2022 18:28

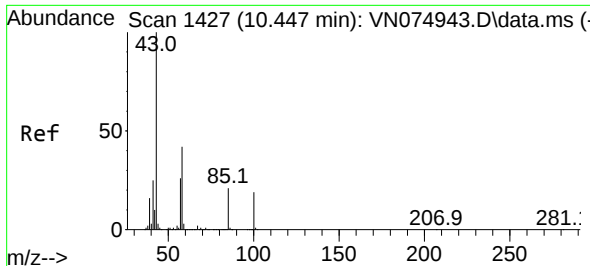
Tgt Ion: 98 Resp: 1930949

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2

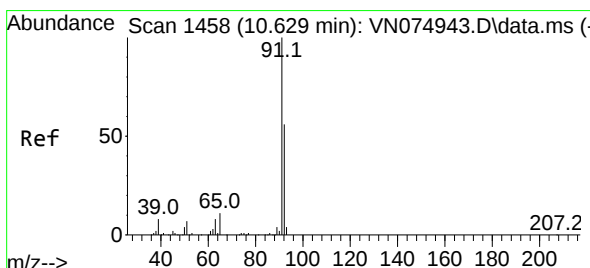
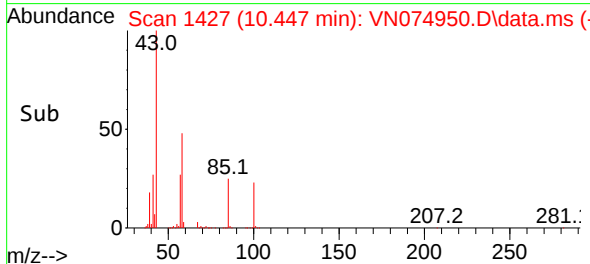
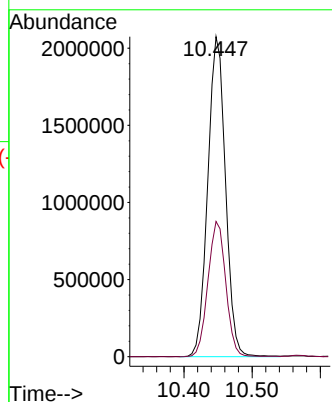
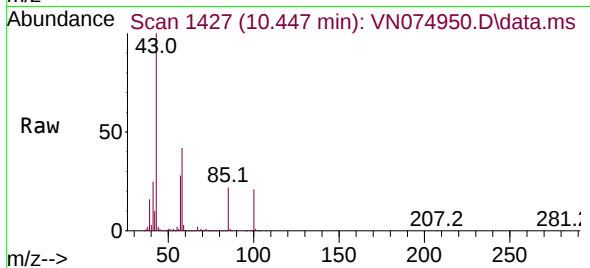




#51  
4-Methyl-2-Pentanone  
Concen: 239.945 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

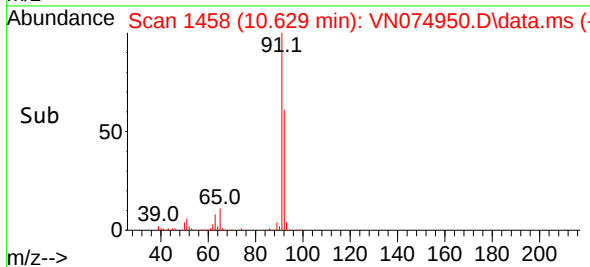
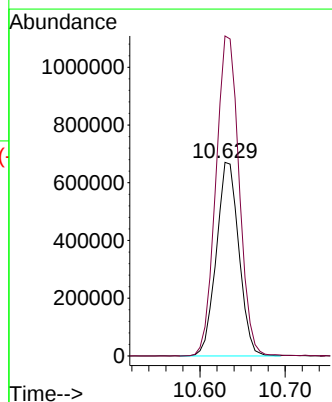
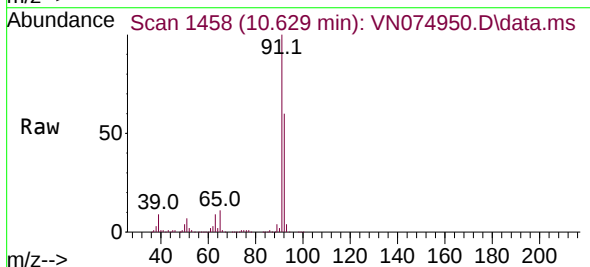
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

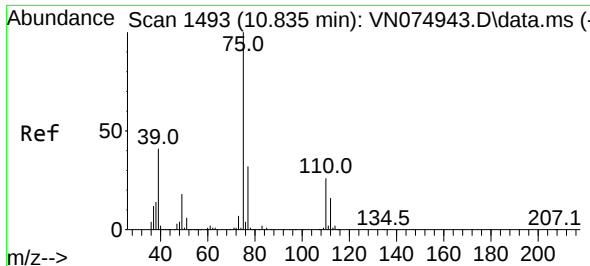
Tgt Ion: 43 Resp: 3749114  
Ion Ratio Lower Upper  
43 100  
58 42.6 33.6 50.4



#52  
Toluene  
Concen: 47.568 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 92 Resp: 1235908  
Ion Ratio Lower Upper  
92 100  
91 170.3 139.2 208.8

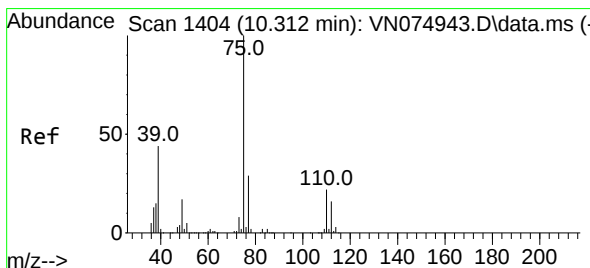
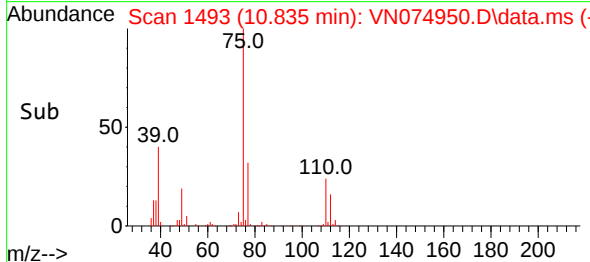
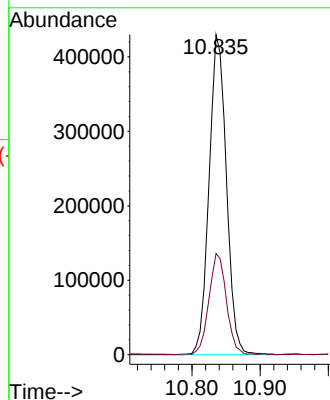
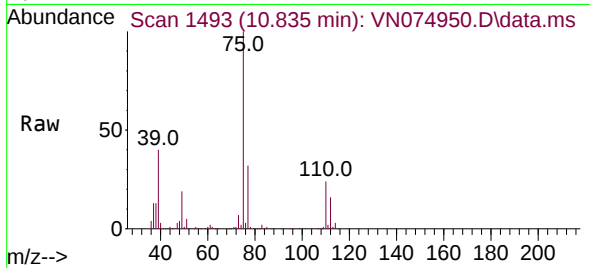




#53  
t-1,3-Dichloropropene  
Concen: 50.814 ug/l  
RT: 10.835 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

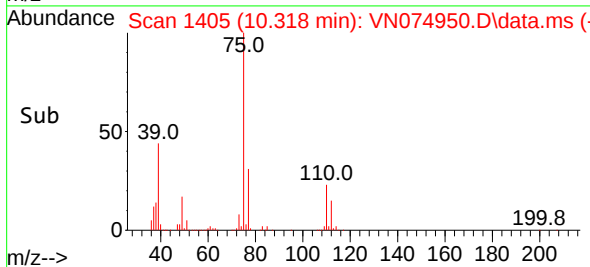
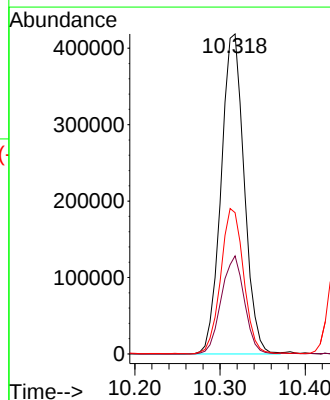
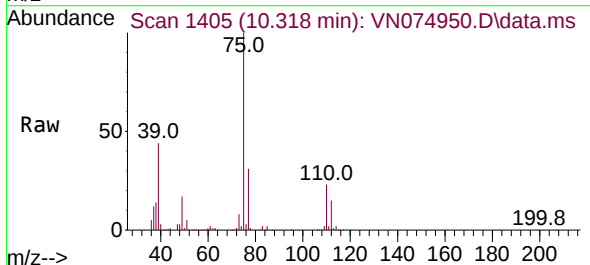
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

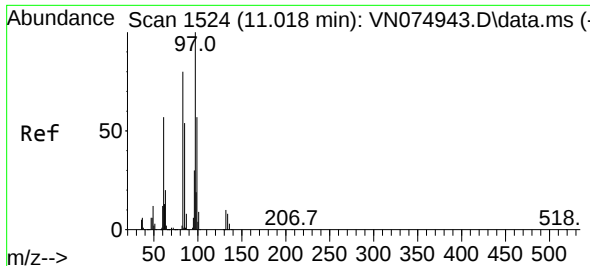
Tgt Ion: 75 Resp: 760031  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.2 37.8



#54  
cis-1,3-Dichloropropene  
Concen: 47.547 ug/l  
RT: 10.318 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 75 Resp: 786445  
Ion Ratio Lower Upper  
75 100  
77 30.6 23.5 35.3  
39 44.0 35.1 52.7

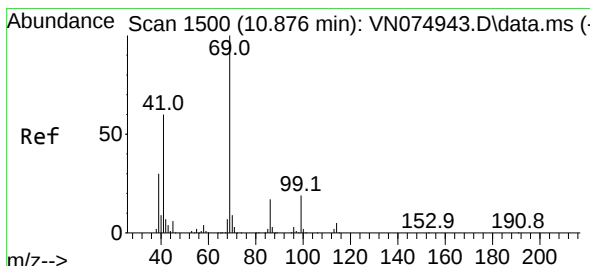
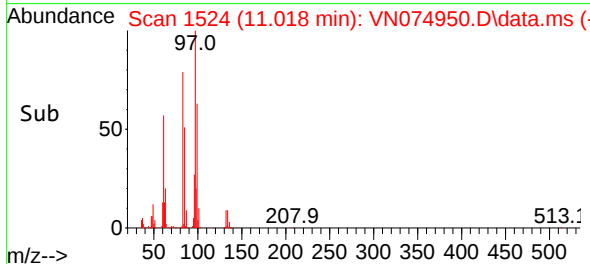
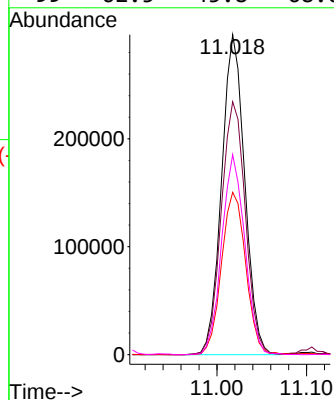
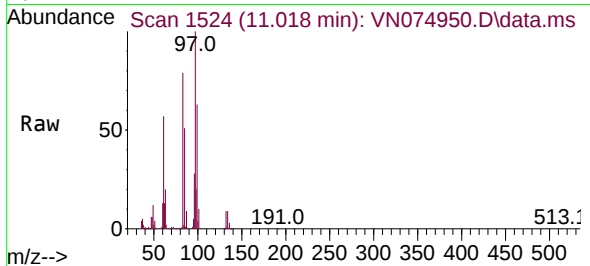




#55  
1,1,2-Trichloroethane  
Concen: 48.638 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

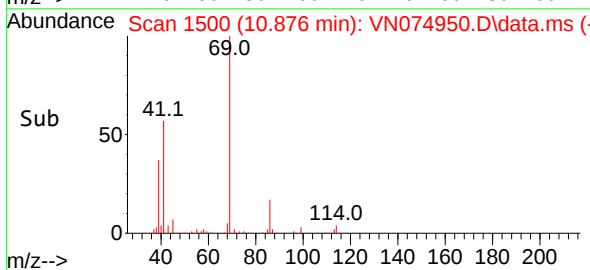
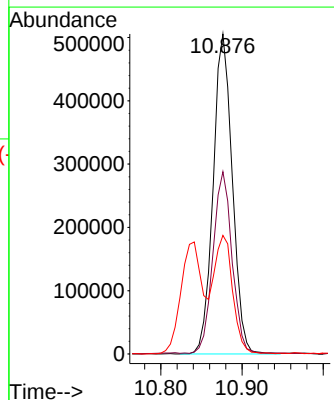
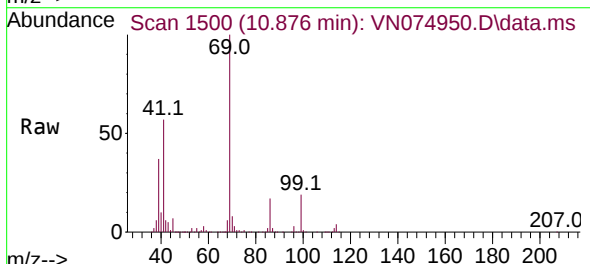
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MSVOA\_N  
ClientSampleId :  
ICVVN102022

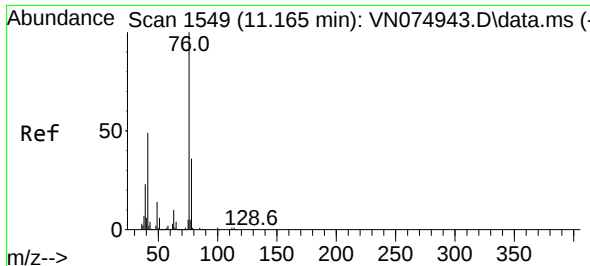
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 530308 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 79.1  | 64.2  | 96.4   |
| 85       | 50.8  | 43.3  | 64.9   |
| 99       | 62.5  | 45.8  | 68.6   |



#56  
Ethyl methacrylate  
Concen: 50.498 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 829139 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 56.4  | 45.1  | 67.7   |
| 39       | 35.4  | 32.0  | 48.0   |





#57

1,3-Dichloropropane

Concen: 47.226 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

Instrument :

MSVOA\_N

ClientSampleId :

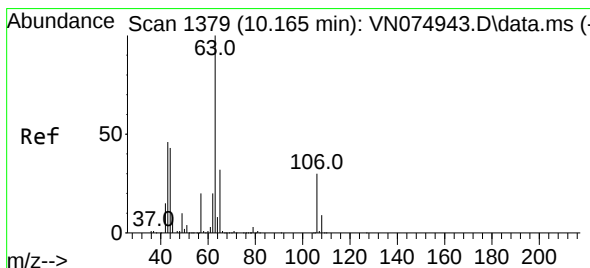
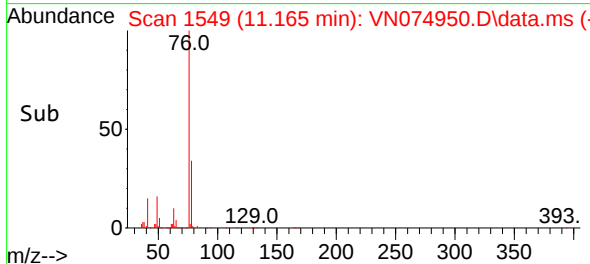
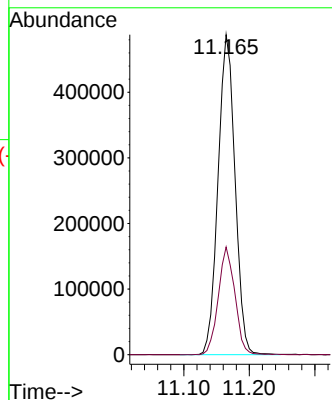
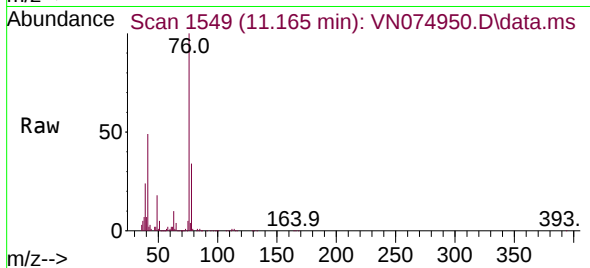
ICVVN102022

Tgt Ion: 76 Resp: 874179

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 236.752 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074950.D

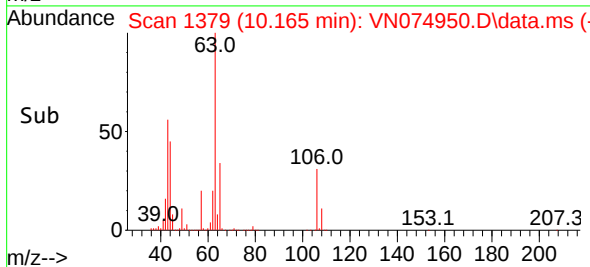
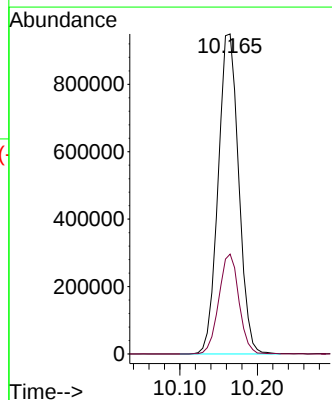
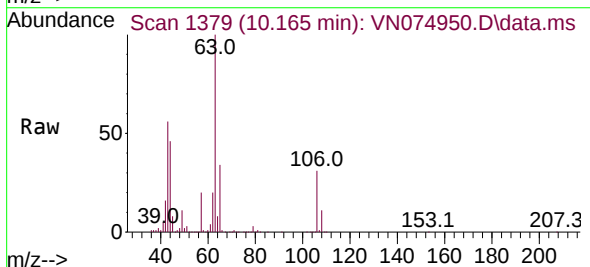
Acq: 20 Oct 2022 18:28

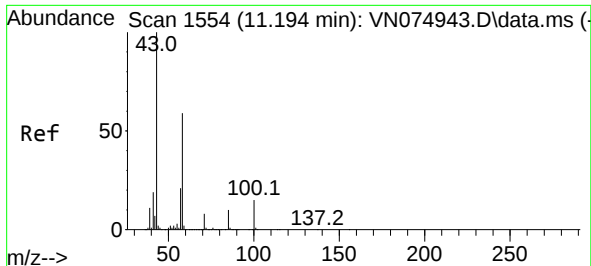
Tgt Ion: 63 Resp: 1746703

Ion Ratio Lower Upper

63 100

106 30.6 24.1 36.1

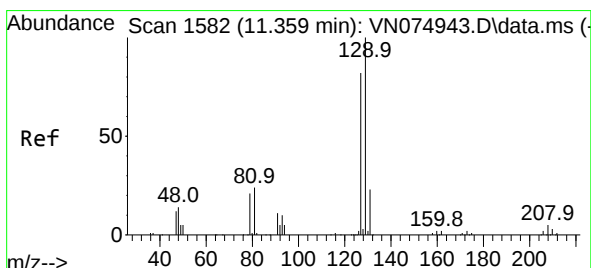
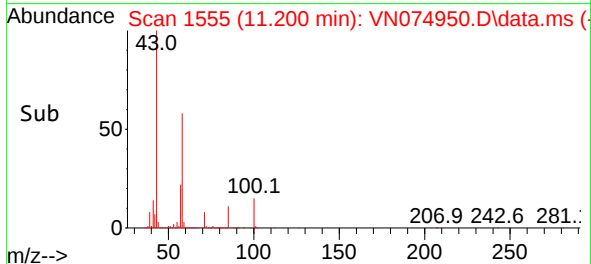
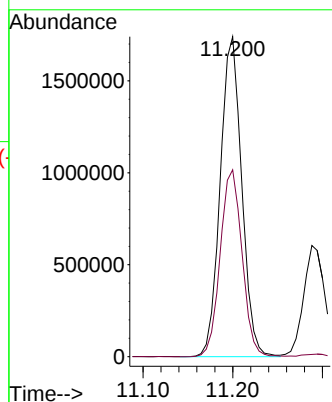
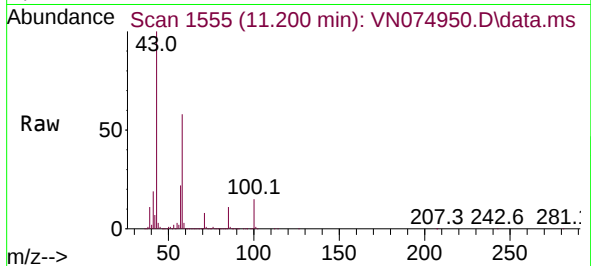




#59  
2-Hexanone  
Concen: 244.005 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

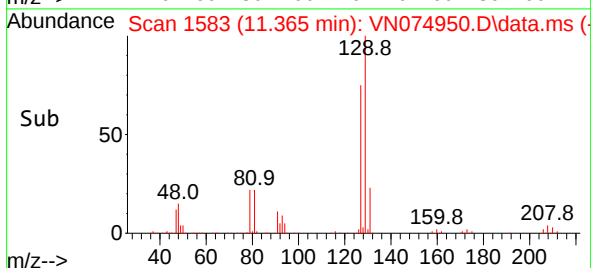
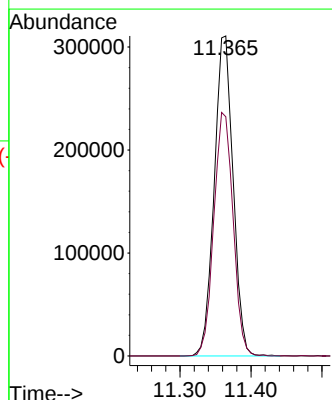
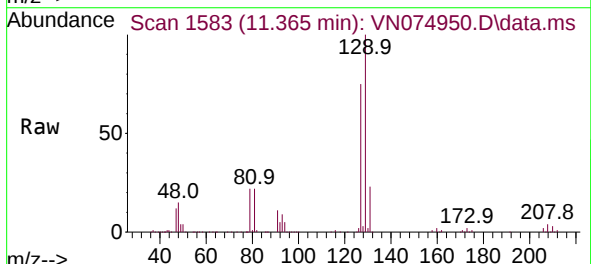
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MSVOA\_N  
ClientSampleId :  
ICVVN102022

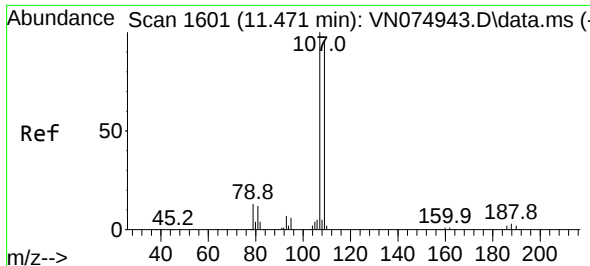
Tgt Ion: 43 Resp: 2891386  
Ion Ratio Lower Upper  
43 100  
58 59.4 29.5 88.5



#60  
Dibromochloromethane  
Concen: 49.965 ug/l  
RT: 11.365 min Scan# 1583  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 129 Resp: 571904  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.0 116.9

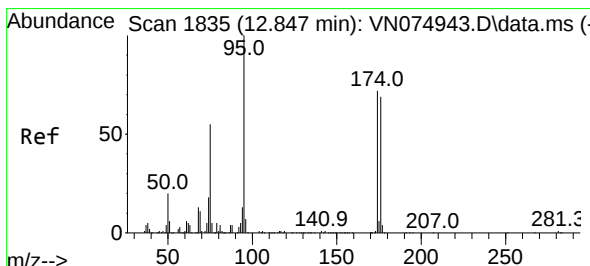
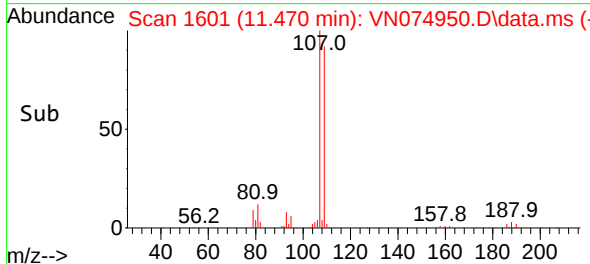
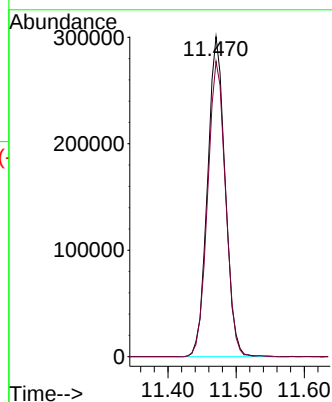
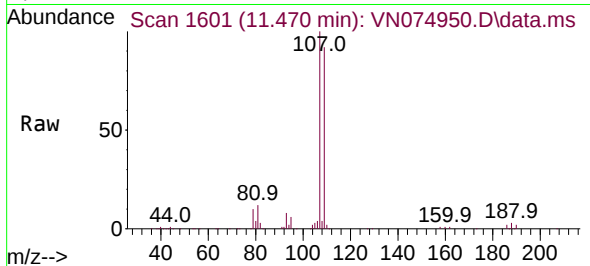




#61  
1,2-Dibromoethane  
Concen: 49.224 ug/l  
RT: 11.470 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

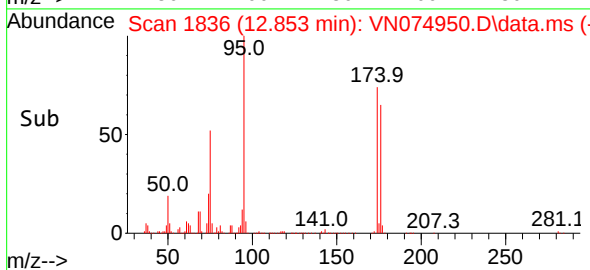
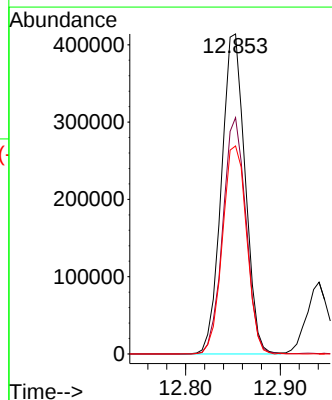
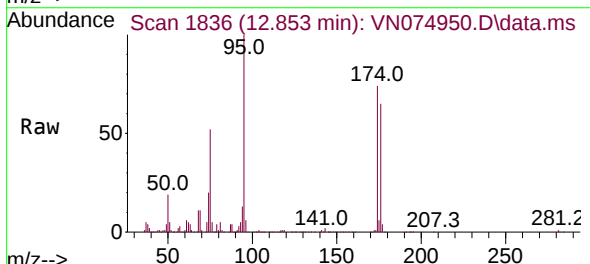
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

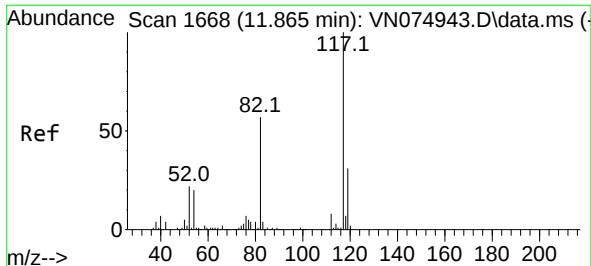
Tgt Ion:107 Resp: 541142  
Ion Ratio Lower Upper  
107 100  
109 93.8 75.5 113.3



#62  
4-Bromofluorobenzene  
Concen: 51.858 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 95 Resp: 719761  
Ion Ratio Lower Upper  
95 100  
174 72.1 0.0 143.0  
176 66.5 0.0 138.2

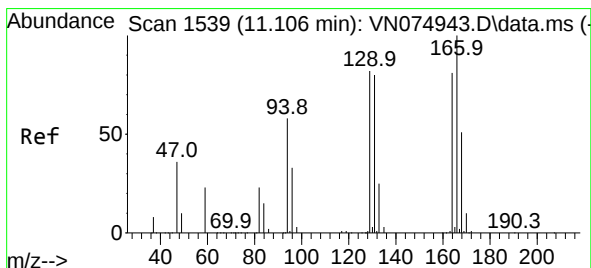
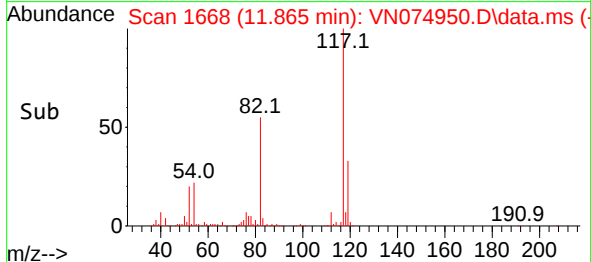
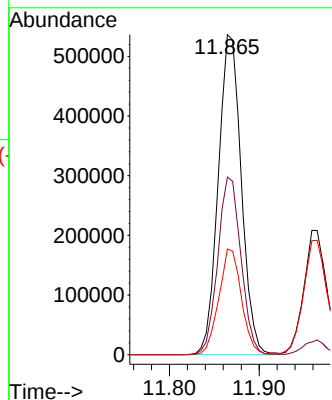
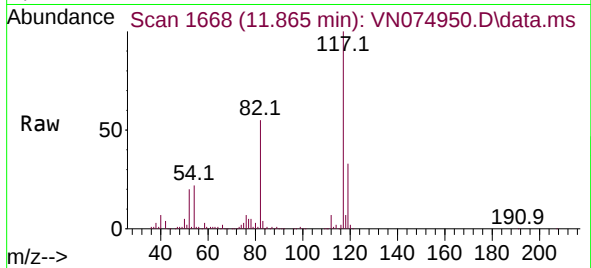




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

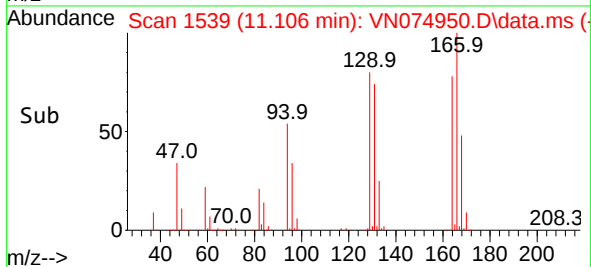
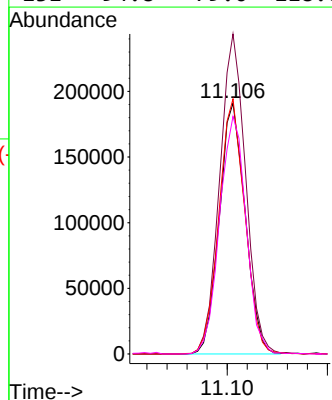
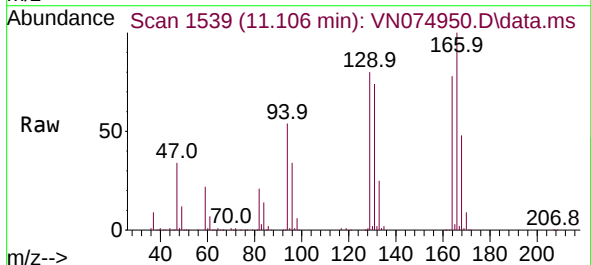
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

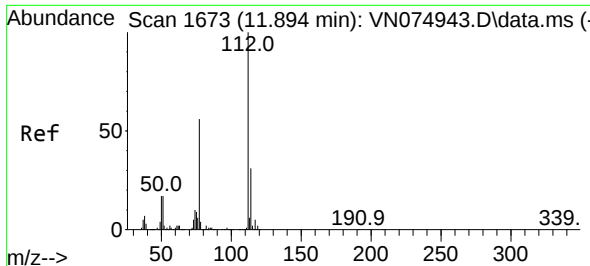
Tgt Ion:117 Resp: 957573  
Ion Ratio Lower Upper  
117 100  
82 55.5 45.6 68.4  
119 33.1 25.1 37.7



#64  
Tetrachloroethene  
Concen: 43.740 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion:164 Resp: 342505  
Ion Ratio Lower Upper  
164 100  
166 127.6 98.6 148.0  
129 101.7 81.2 121.8  
131 94.8 79.0 118.6

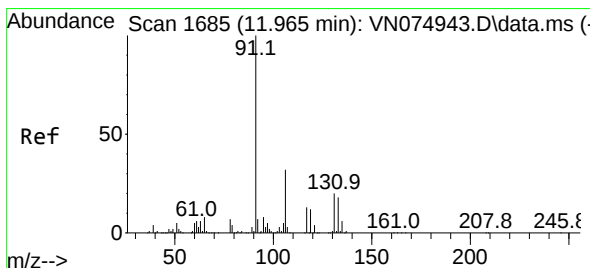
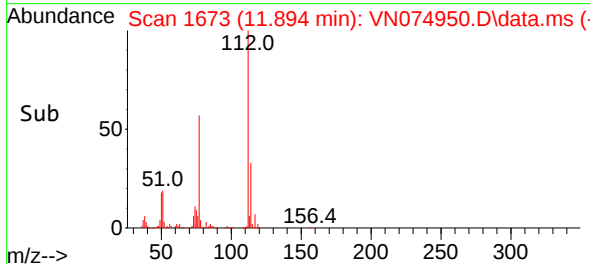
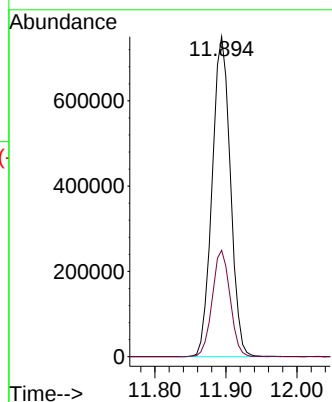
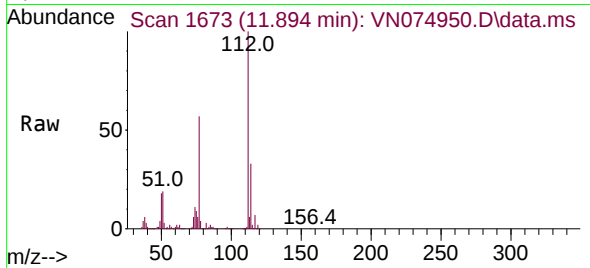




#65  
Chlorobenzene  
Concen: 46.172 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

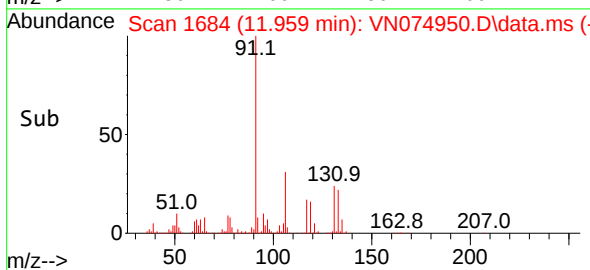
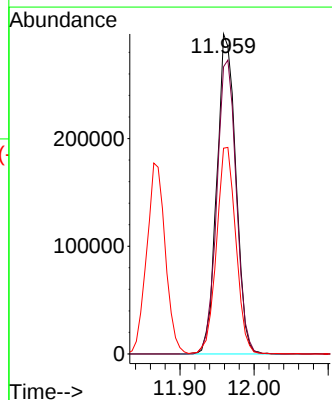
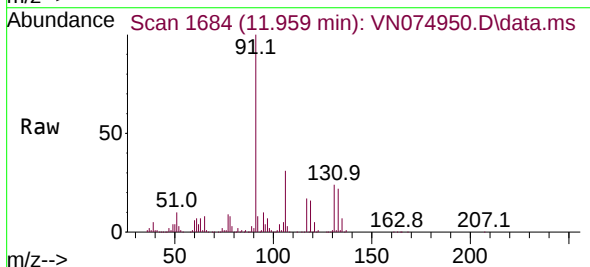
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

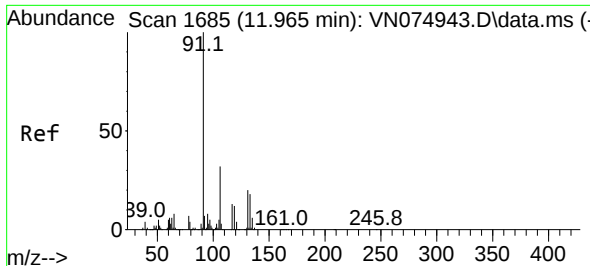
Tgt Ion:112 Resp: 1336864  
Ion Ratio Lower Upper  
112 100  
114 33.3 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.412 ug/l  
RT: 11.959 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion:131 Resp: 528322  
Ion Ratio Lower Upper  
131 100  
133 94.3 46.6 139.7  
119 65.9 32.4 97.0

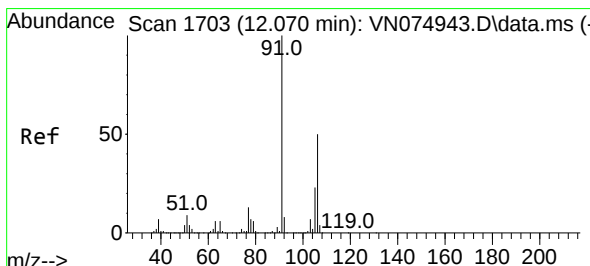
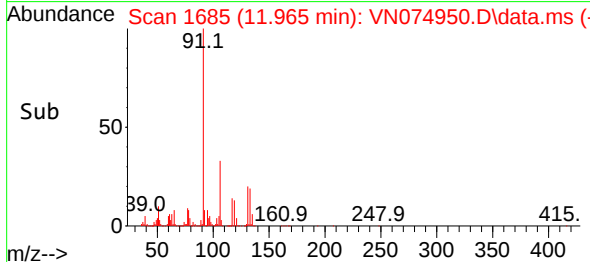
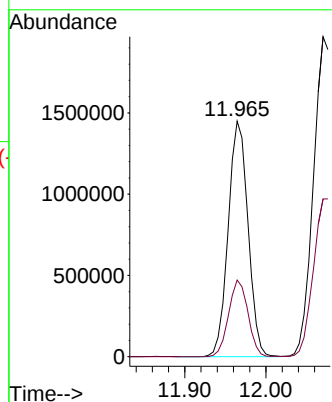
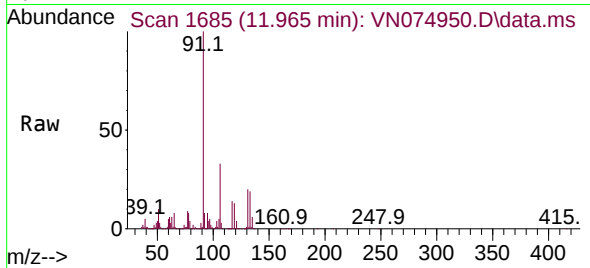




#67  
Ethyl Benzene  
Concen: 47.795 ug/l  
RT: 11.965 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

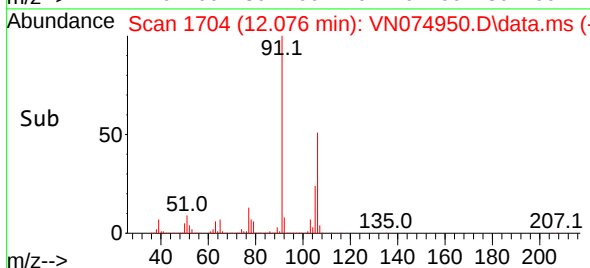
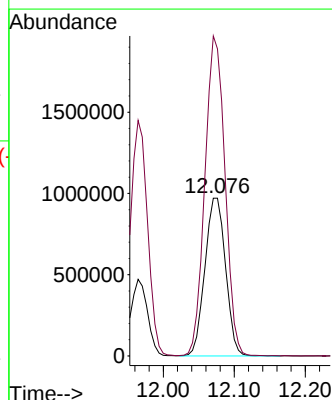
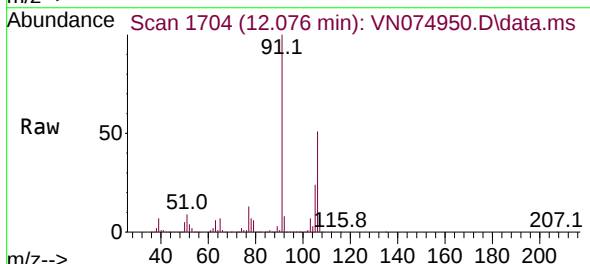
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

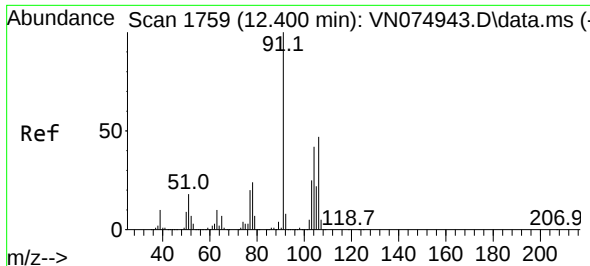
Tgt Ion: 91 Resp: 2457061  
Ion Ratio Lower Upper  
91 100  
106 32.6 25.4 38.2



#68  
m/p-Xylenes  
Concen: 98.046 ug/l  
RT: 12.076 min Scan# 1704  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion:106 Resp: 1965321  
Ion Ratio Lower Upper  
106 100  
91 197.4 159.7 239.5

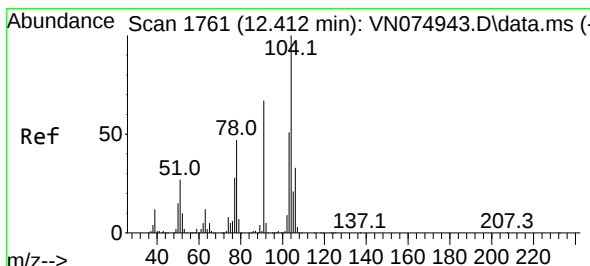
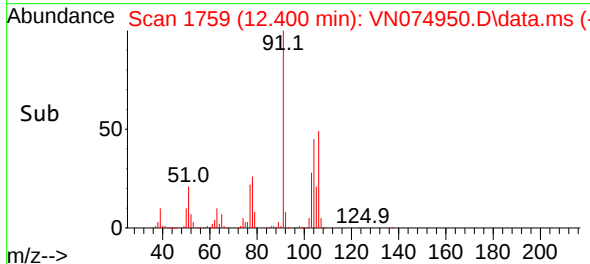
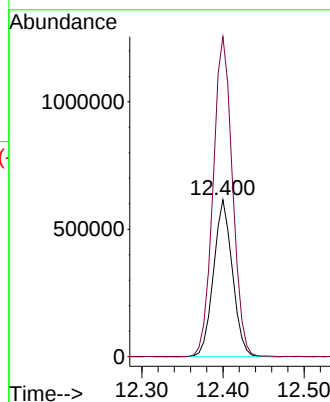
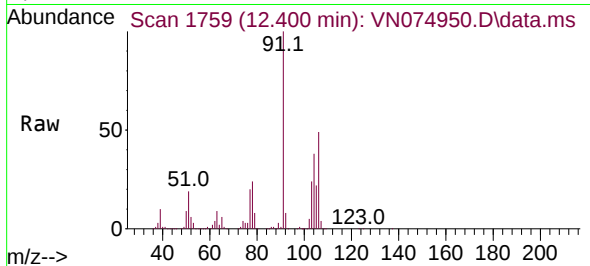




#69  
o-Xylene  
Concen: 49.437 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

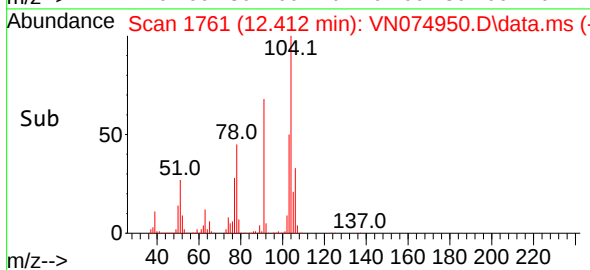
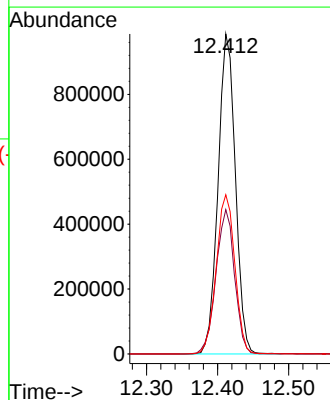
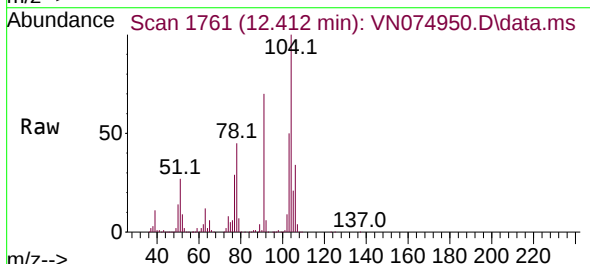
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

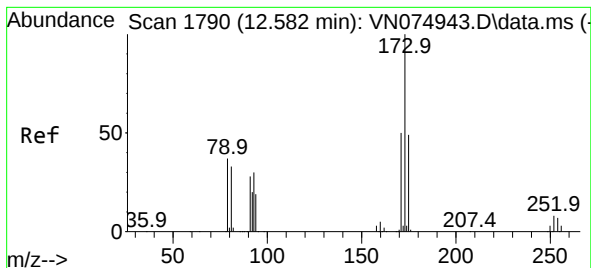
Tgt Ion:106 Resp: 992679  
Ion Ratio Lower Upper  
106 100  
91 209.8 103.6 310.7



#70  
Styrene  
Concen: 52.342 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion:104 Resp: 1665845  
Ion Ratio Lower Upper  
104 100  
78 48.4 39.4 59.2  
103 53.5 43.0 64.4





#71

Bromoform

Concen: 49.854 ug/l

RT: 12.582 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN102022

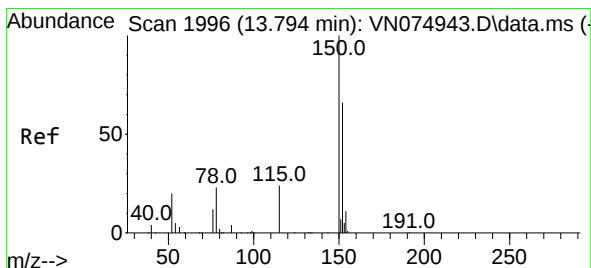
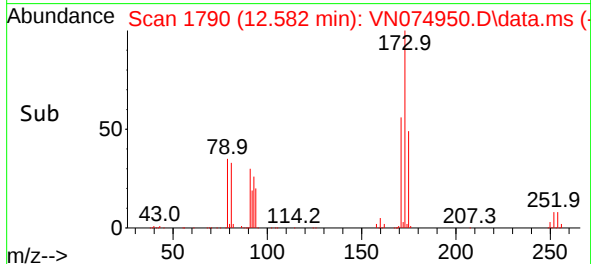
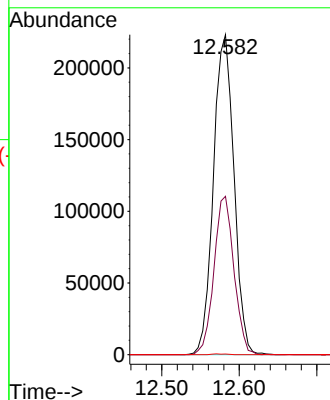
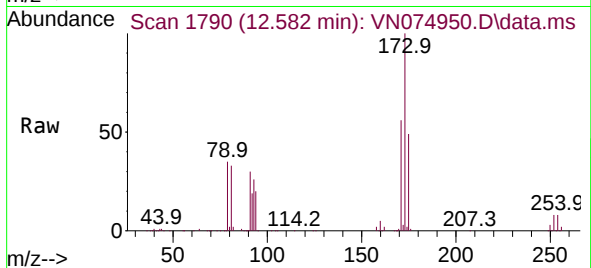
Tgt Ion:173 Resp: 410615

Ion Ratio Lower Upper

173 100

175 48.2 24.8 74.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

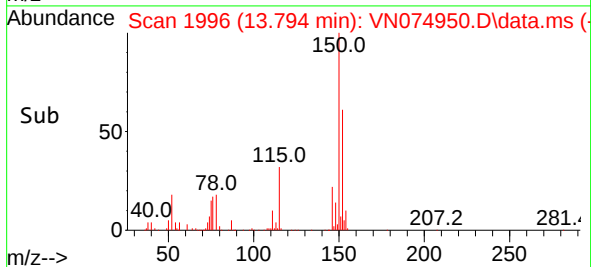
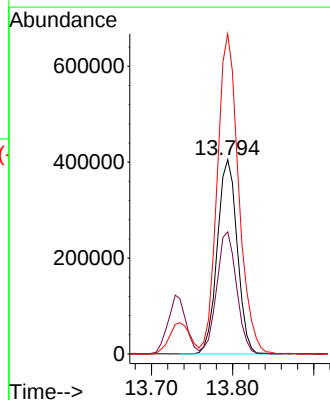
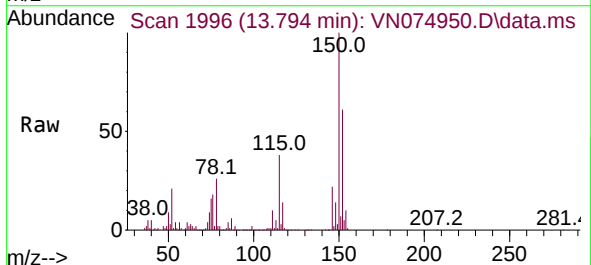
Tgt Ion:152 Resp: 692280

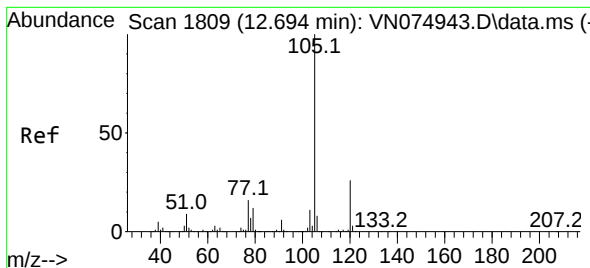
Ion Ratio Lower Upper

152 100

115 62.8 31.3 93.8

150 176.2 0.0 349.6





#73

Isopropylbenzene

Concen: 46.063 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

Instrument :

MSVOA\_N

ClientSampleId :

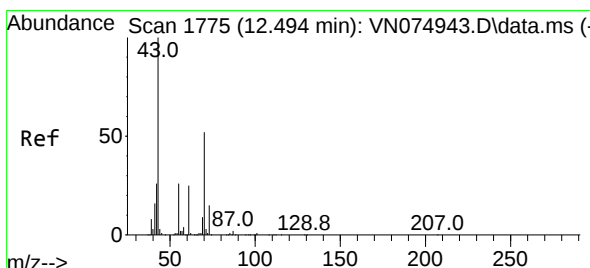
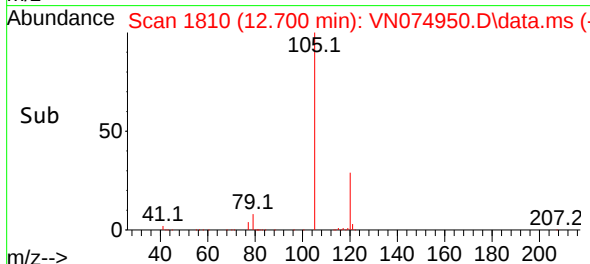
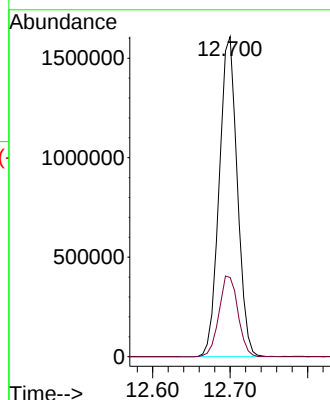
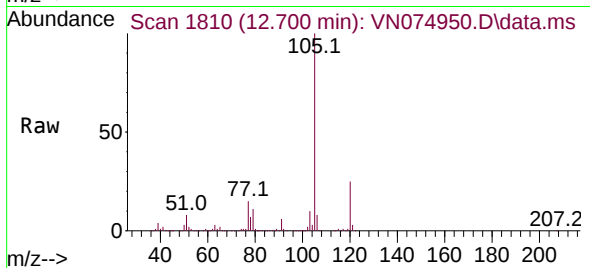
ICVVN102022

Tgt Ion:105 Resp: 2604700

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



#74

N-ethyl acetate

Concen: 45.510 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

Tgt Ion: 43 Resp: 1033989

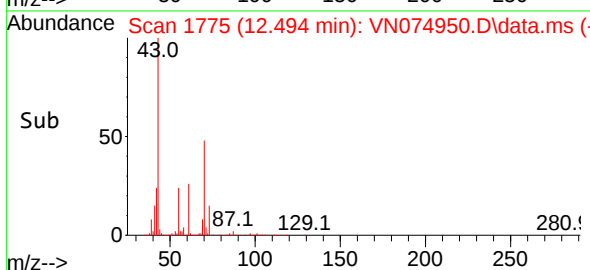
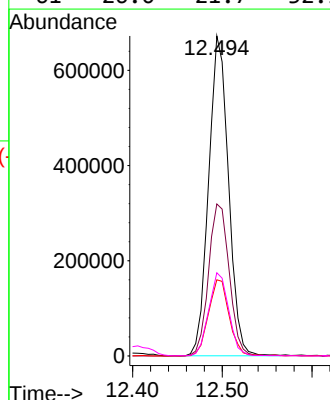
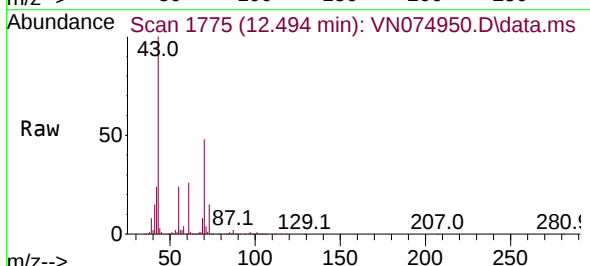
Ion Ratio Lower Upper

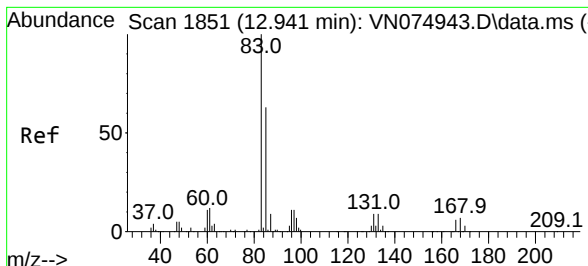
43 100

70 49.6 40.2 60.2

55 24.9 20.6 31.0

61 26.0 21.7 32.5

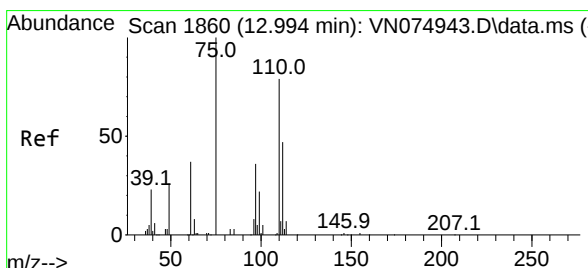
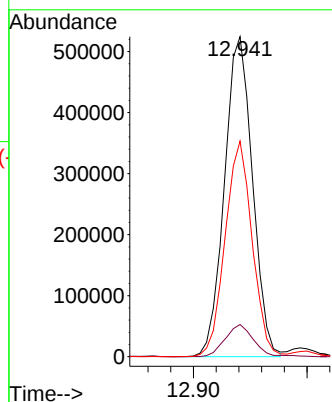
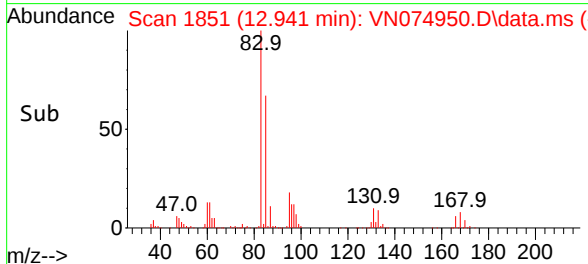
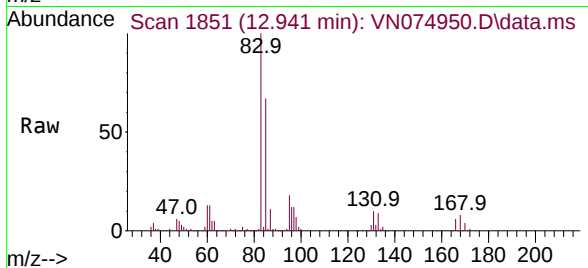




#75  
 1,1,2-Tetrachloroethane  
 Concen: 42.560 ug/l  
 RT: 12.941 min Scan# 1851  
 Delta R.T. -0.000 min  
 Lab File: VN074950.D  
 Acq: 20 Oct 2022 18:28

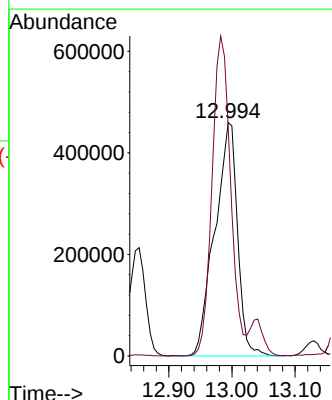
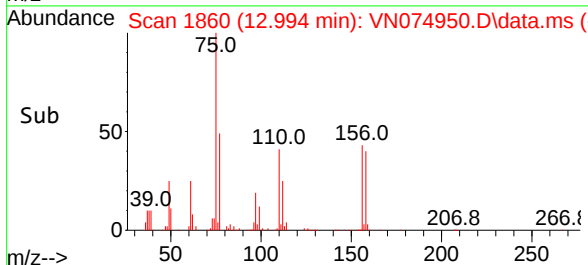
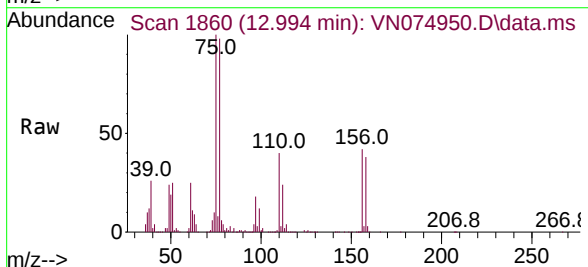
Instrument : MSVOA\_N  
 ClientSampleId : ICVVN102022

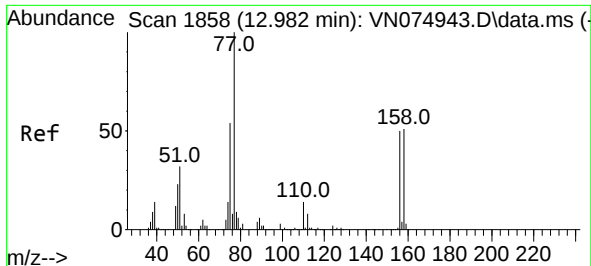
Tgt Ion: 83 Resp: 898770  
 Ion Ratio Lower Upper  
 83 100  
 131 10.3 5.1 15.3  
 85 65.1 32.6 97.7



#76  
 1,2,3-Trichloropropane  
 Concen: 61.192 ug/l  
 RT: 12.994 min Scan# 1860  
 Delta R.T. -0.000 min  
 Lab File: VN074950.D  
 Acq: 20 Oct 2022 18:28

Tgt Ion: 75 Resp: 1148814  
 Ion Ratio Lower Upper  
 75 100  
 77 112.5 81.0 243.0

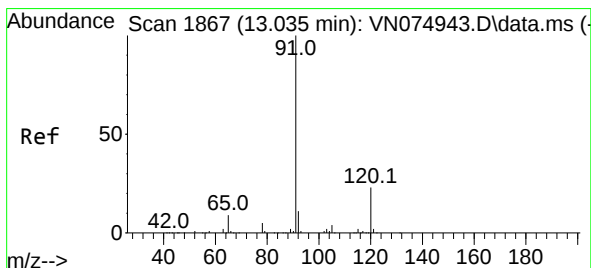
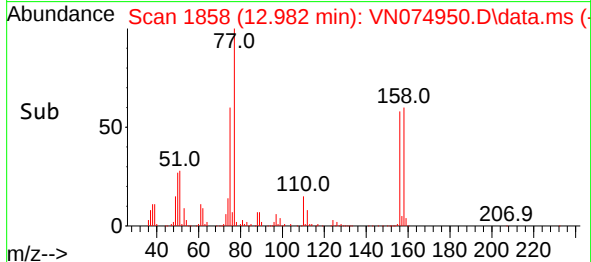
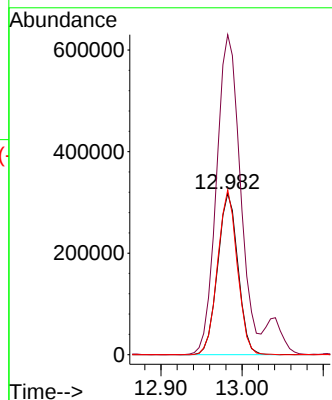
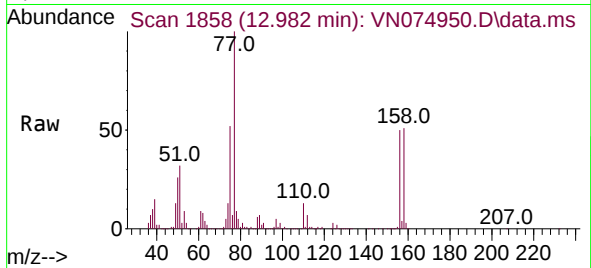




#77  
Bromobenzene  
Concen: 42.530 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

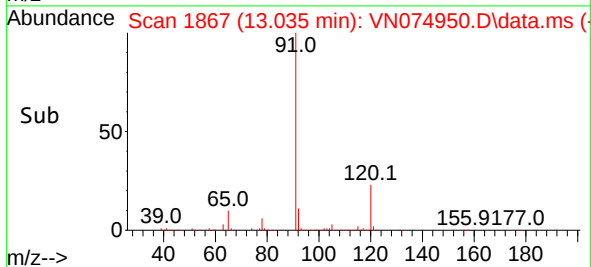
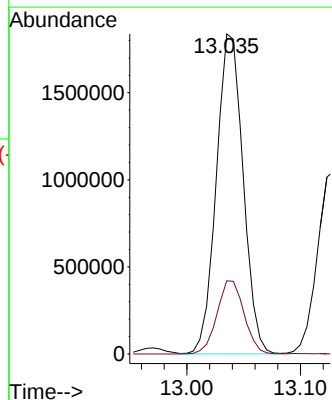
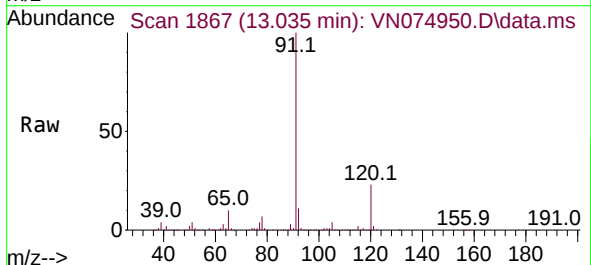
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

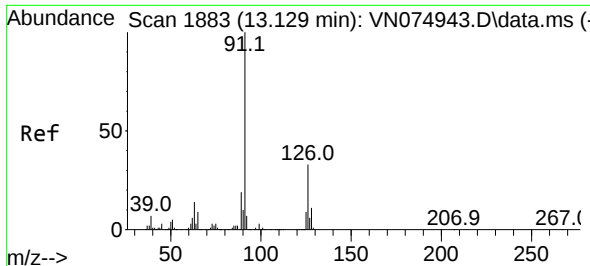
Tgt Ion:156 Resp: 551490  
Ion Ratio Lower Upper  
156 100  
77 234.4 117.1 351.3  
158 99.1 48.3 144.9



#78  
n-propylbenzene  
Concen: 45.560 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 91 Resp: 3015087  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.5 34.4

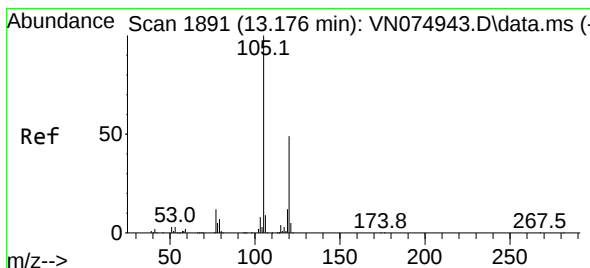
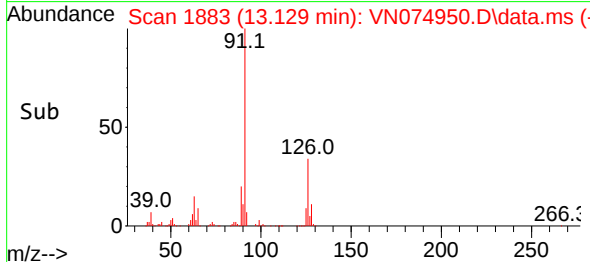
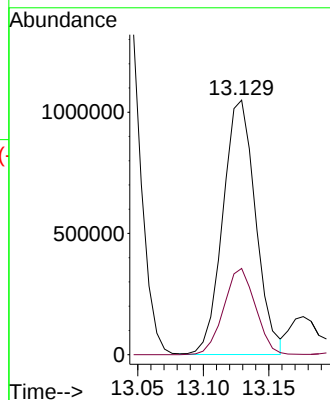
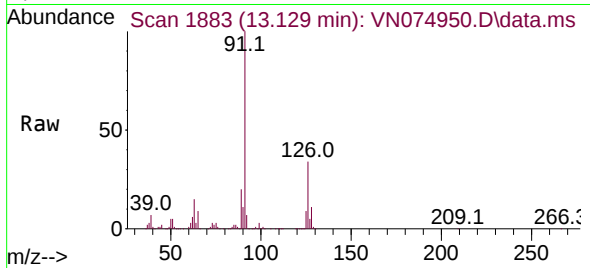




#79  
2-Chlorotoluene  
Concen: 44.493 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

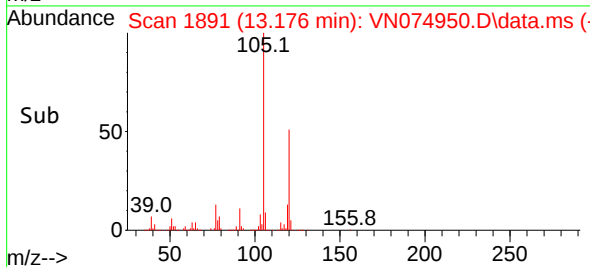
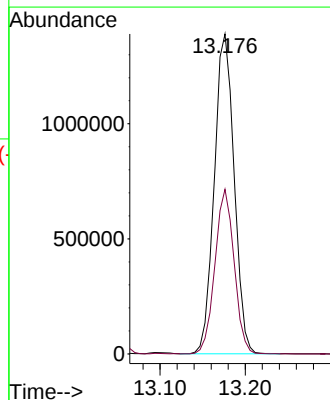
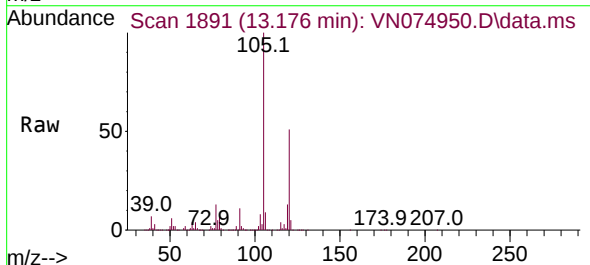
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

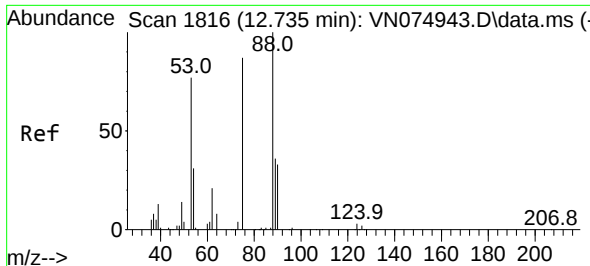
Tgt Ion: 91 Resp: 1823975  
Ion Ratio Lower Upper  
91 100  
126 32.8 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 46.045 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion:105 Resp: 2249002  
Ion Ratio Lower Upper  
105 100  
120 49.9 24.3 72.9

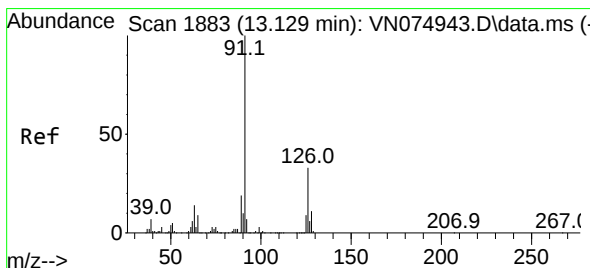
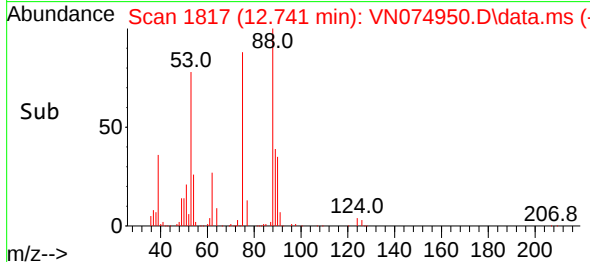
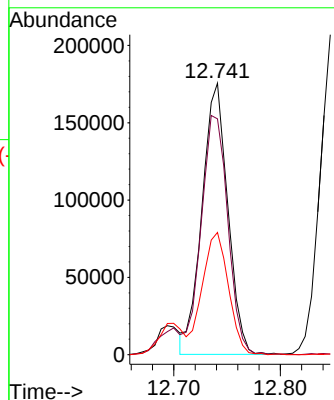
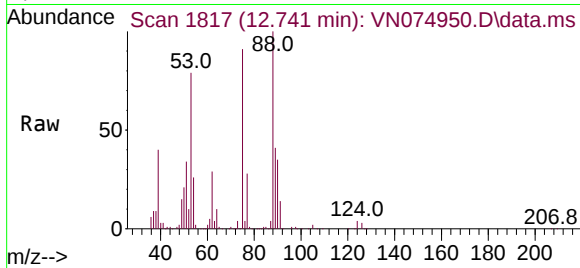




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.445 ug/l  
RT: 12.741 min Scan# 1816  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

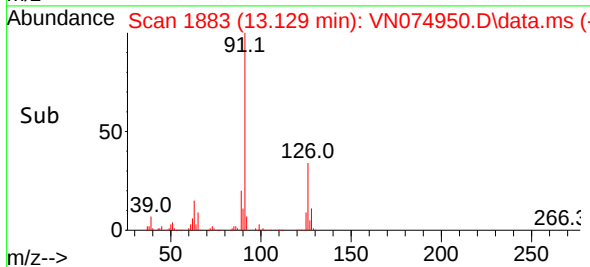
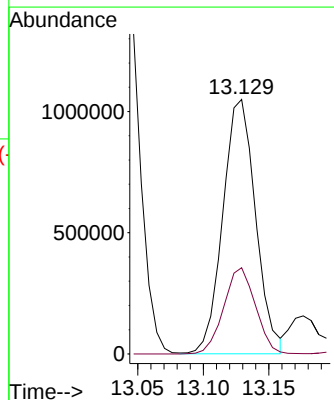
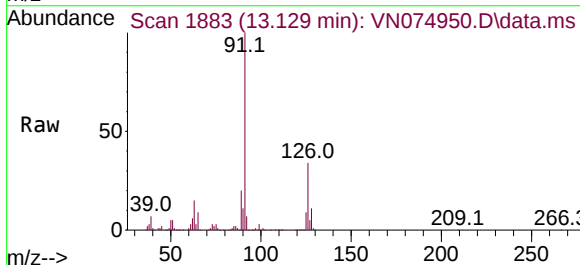
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

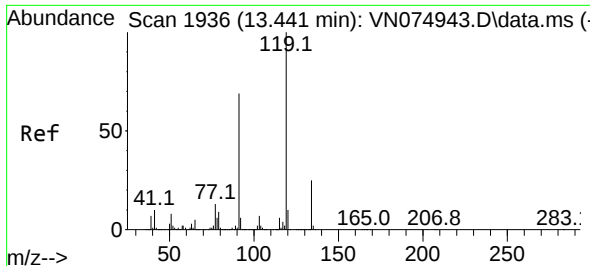
Tgt Ion: 75 Resp: 295378  
Ion Ratio Lower Upper  
75 100  
53 100.0 79.2 118.8  
89 45.8 37.9 56.9



#82  
4-Chlorotoluene  
Concen: 44.493 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 91 Resp: 1823975  
Ion Ratio Lower Upper  
91 100  
126 32.8 17.0 51.0

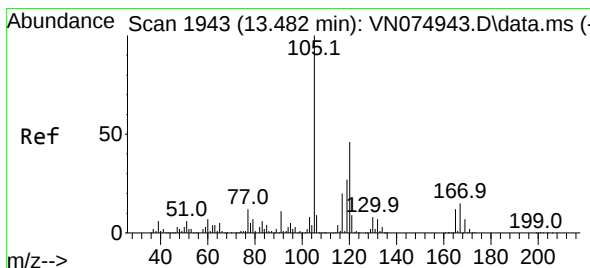
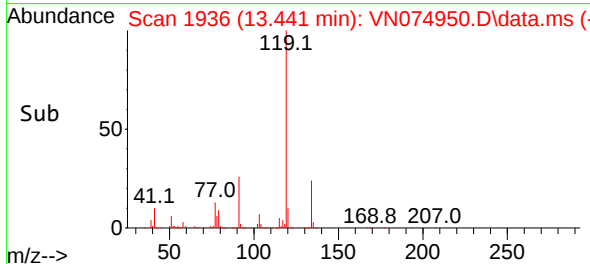
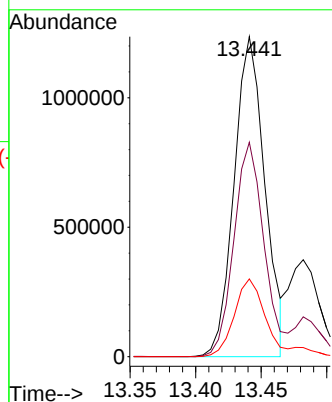
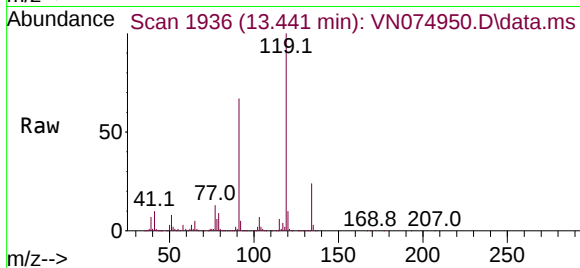




#83  
tert-Butylbenzene  
Concen: 46.653 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

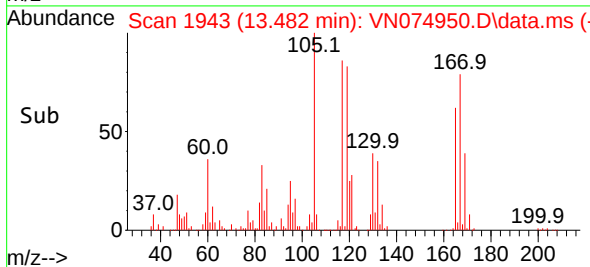
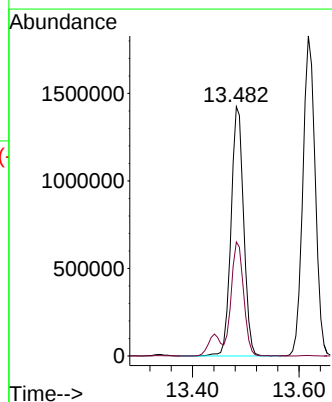
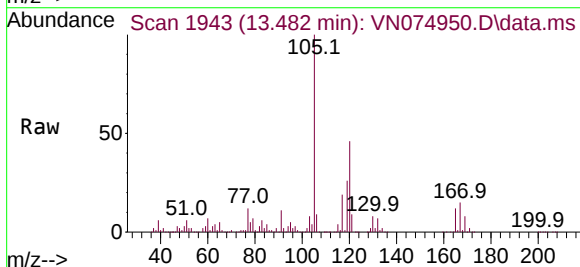
Instrument : MSVOA\_N  
ClientSampleId : ICVVN102022

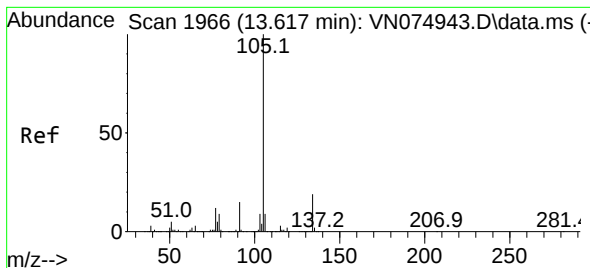
Tgt Ion:119 Resp: 2016545  
Ion Ratio Lower Upper  
119 100  
91 66.1 33.1 99.3  
134 26.3 12.4 37.0



#84  
1,2,4-Trimethylbenzene  
Concen: 47.456 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion:105 Resp: 2341156  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 48.363 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

Instrument :

MSVOA\_N

ClientSampleId :

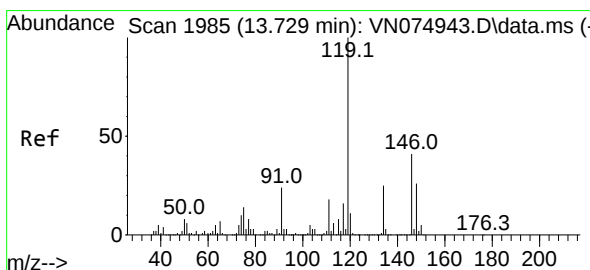
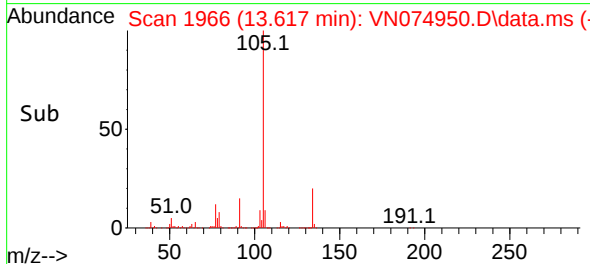
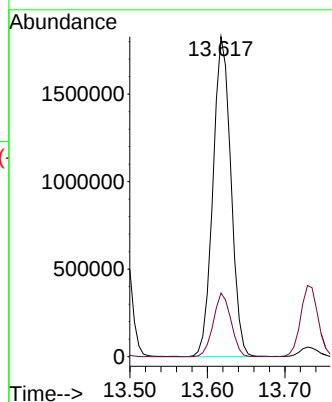
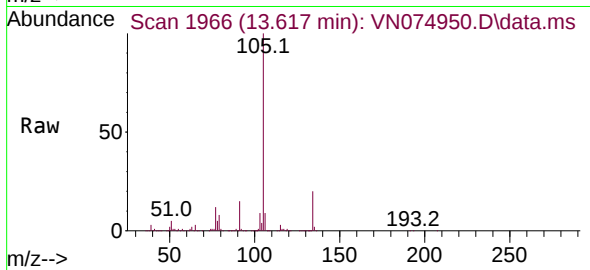
ICVVN102022

Tgt Ion:105 Resp: 2935100

Ion Ratio Lower Upper

105 100

134 19.6 9.7 29.1



#86

p-Isopropyltoluene

Concen: 49.121 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

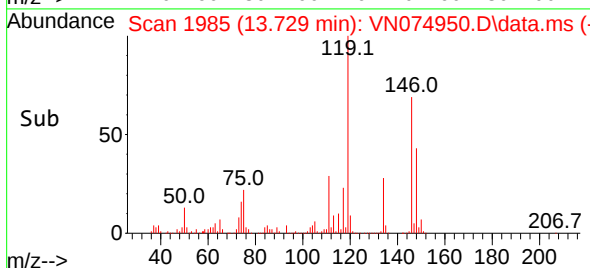
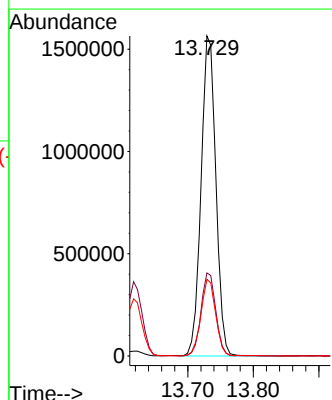
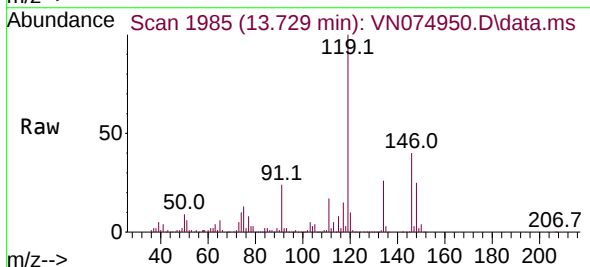
Tgt Ion:119 Resp: 2455175

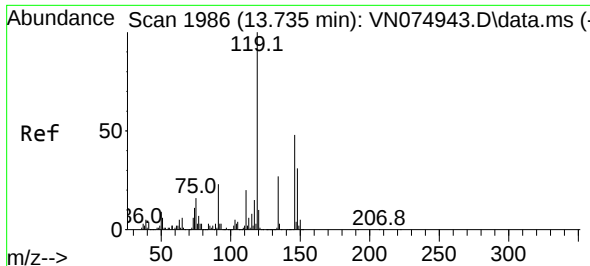
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 23.8 11.9 35.5

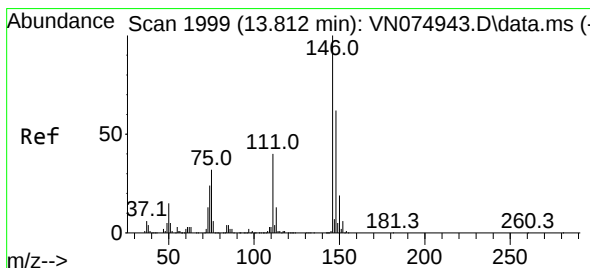
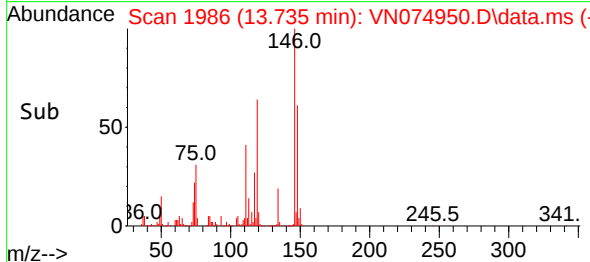
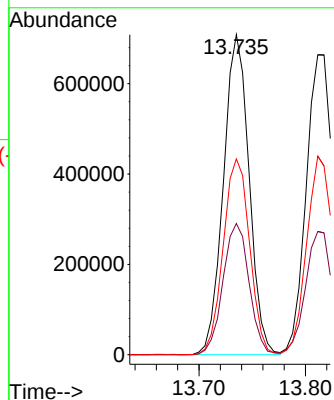
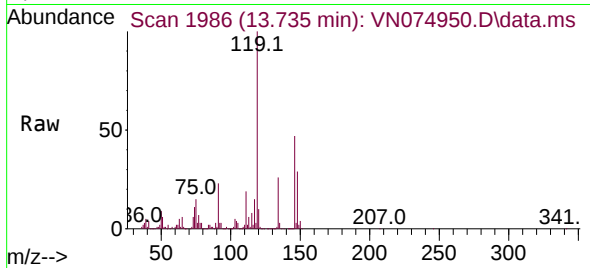




#87  
 1,3-Dichlorobenzene  
 Concen: 47.805 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. -0.000 min  
 Lab File: VN074950.D  
 Acq: 20 Oct 2022 18:28

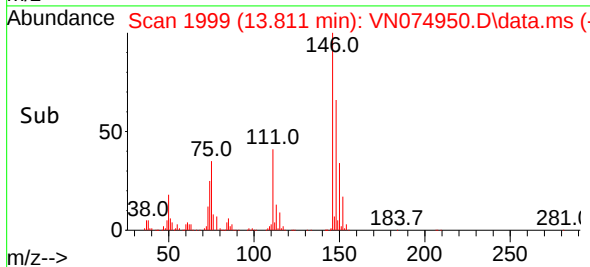
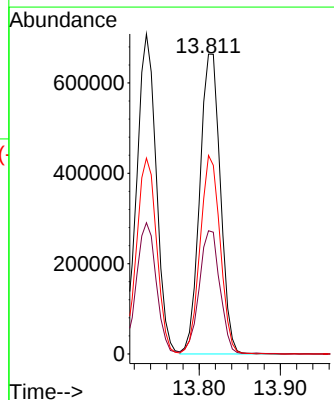
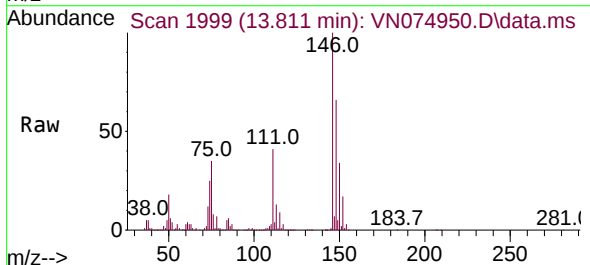
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN102022

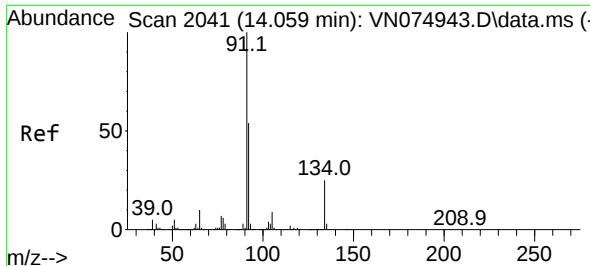
Tgt Ion:146 Resp: 1185998  
 Ion Ratio Lower Upper  
 146 100  
 111 41.9 21.5 64.5  
 148 62.9 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 46.557 ug/l  
 RT: 13.811 min Scan# 1999  
 Delta R.T. -0.000 min  
 Lab File: VN074950.D  
 Acq: 20 Oct 2022 18:28

Tgt Ion:146 Resp: 1171039  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 20.3 61.0  
 148 64.4 32.3 96.9

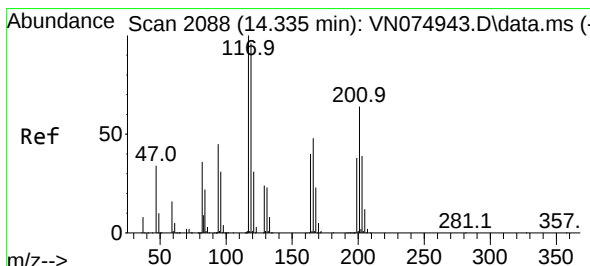
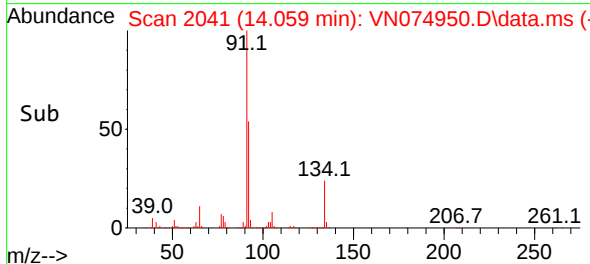
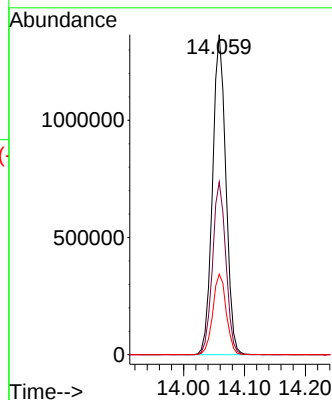
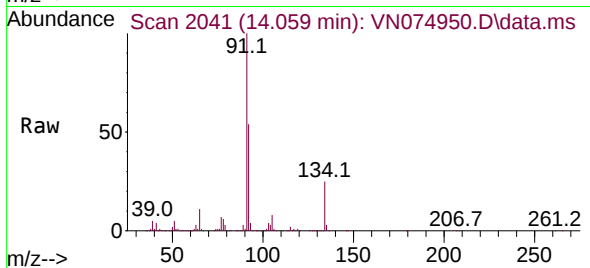




#89  
n-Butylbenzene  
Concen: 48.522 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

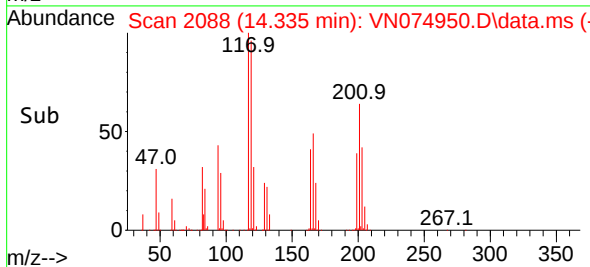
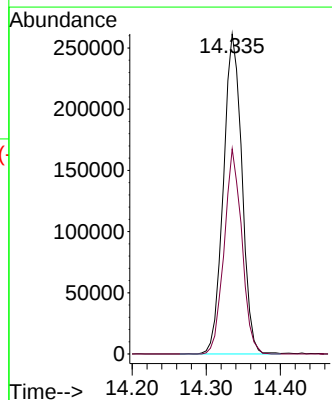
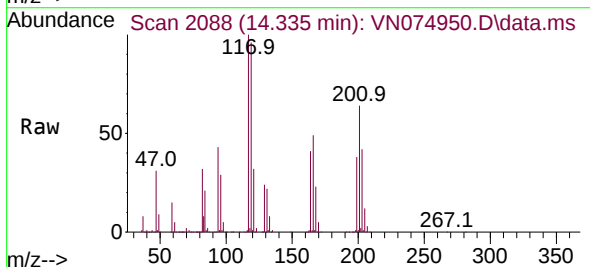
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

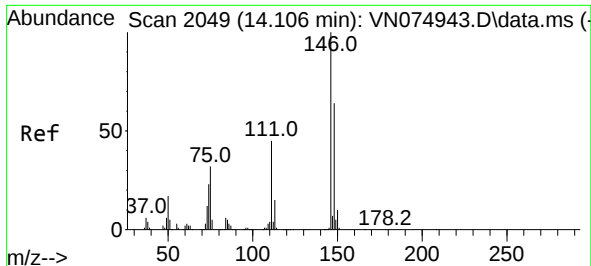
Tgt Ion: 91 Resp: 2070987  
Ion Ratio Lower Upper  
91 100  
92 54.2 26.3 78.9  
134 25.5 12.6 37.6



#90  
Hexachloroethane  
Concen: 46.664 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. -0.000 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

Tgt Ion: 117 Resp: 451894  
Ion Ratio Lower Upper  
117 100  
201 61.3 30.6 91.6

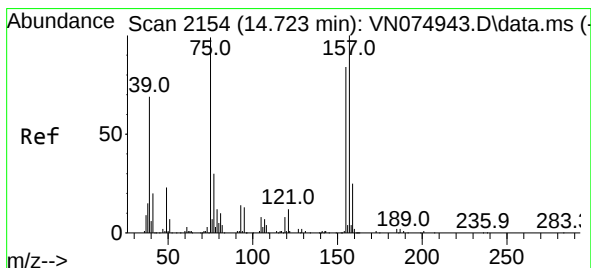
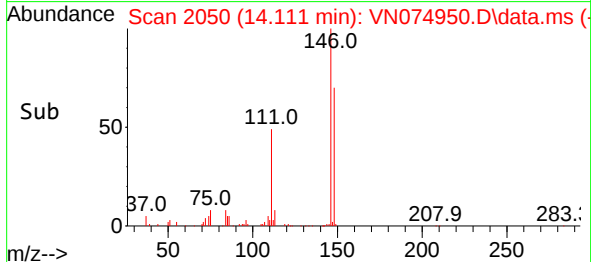
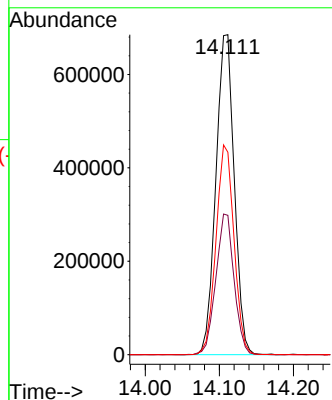
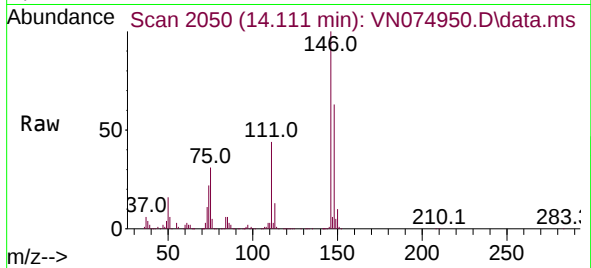




#91  
1,2-Dichlorobenzene  
Concen: 46.445 ug/l  
RT: 14.111 min Scan# 2049  
Delta R.T. 0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

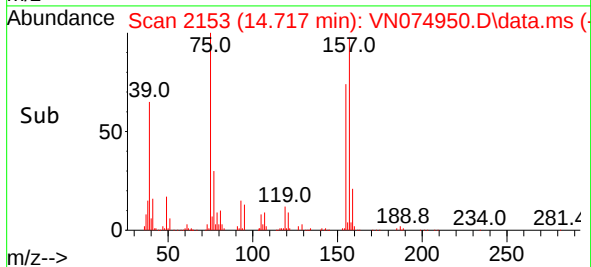
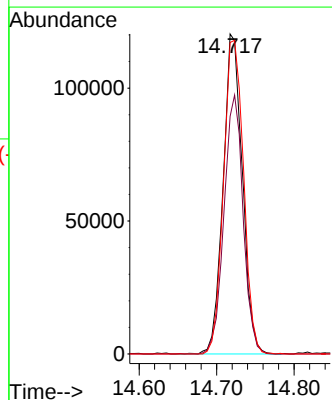
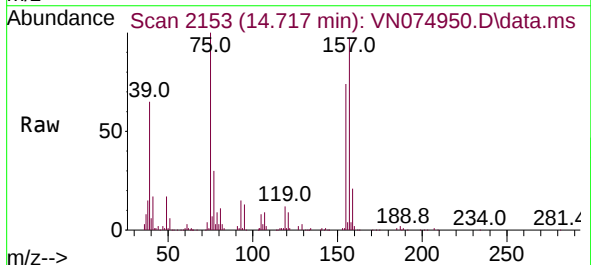
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN102022

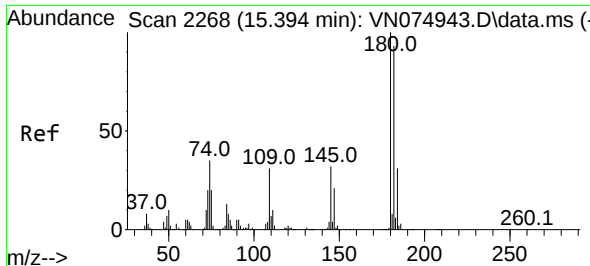
Tgt Ion:146 Resp: 1181080  
Ion Ratio Lower Upper  
146 100  
111 43.6 22.2 66.6  
148 64.2 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.305 ug/l  
RT: 14.717 min Scan# 2153  
Delta R.T. -0.006 min  
Lab File: VN074950.D  
Acq: 20 Oct 2022 18:28

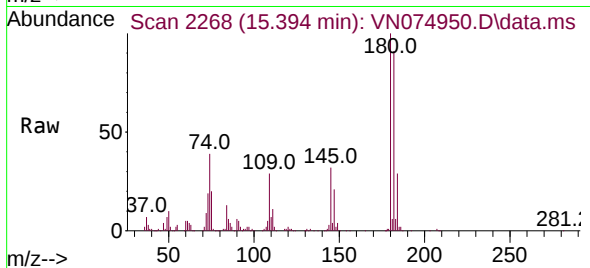
Tgt Ion: 75 Resp: 207565  
Ion Ratio Lower Upper  
75 100  
155 80.4 39.6 118.8  
157 102.0 47.8 143.4



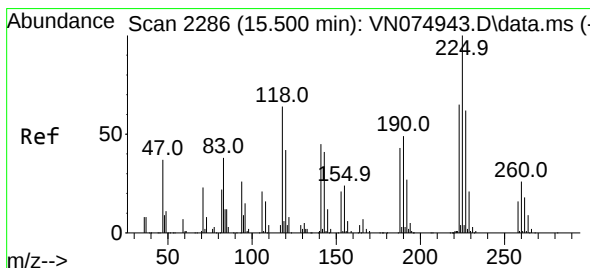
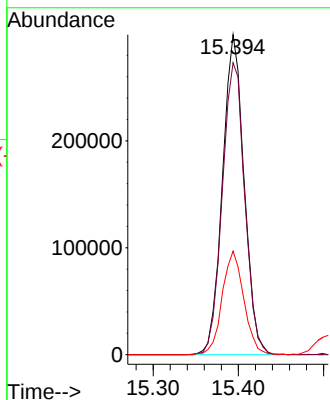
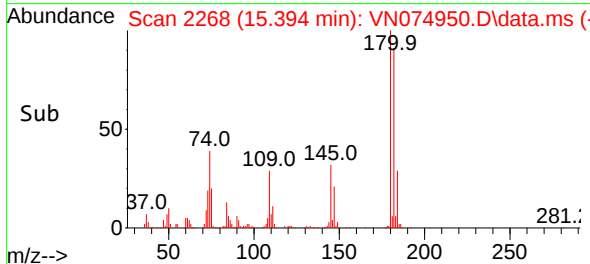


#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.653 ug/l  
 RT: 15.394 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN074950.D  
 Acq: 20 Oct 2022 18:28

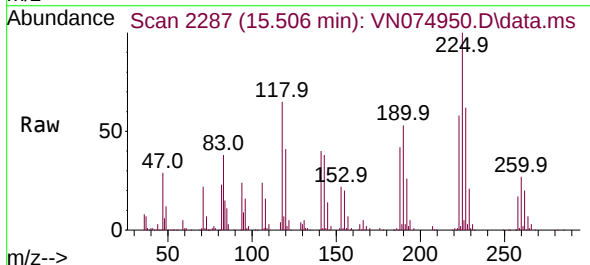
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN102022



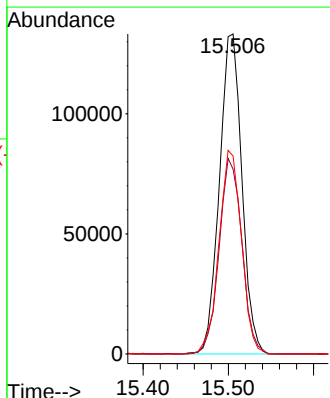
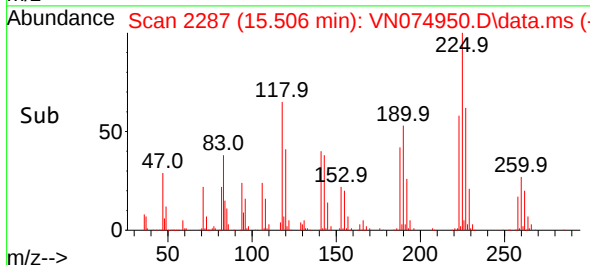
Tgt Ion:180 Resp: 527355  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 46.6 139.7  
 145 32.4 16.7 50.0

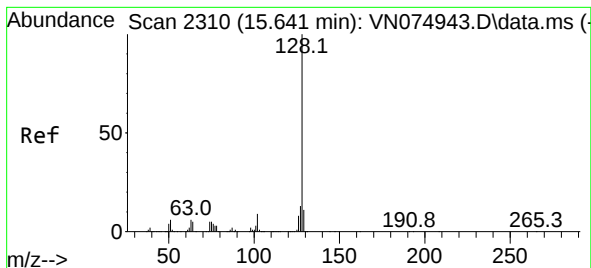


#94  
 Hexachlorobutadiene  
 Concen: 42.740 ug/l  
 RT: 15.506 min Scan# 2287  
 Delta R.T. 0.006 min  
 Lab File: VN074950.D  
 Acq: 20 Oct 2022 18:28



Tgt Ion:225 Resp: 244189  
 Ion Ratio Lower Upper  
 225 100  
 223 61.7 31.9 95.5  
 227 63.6 31.4 94.0





#95

Naphthalene

Concen: 50.409 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN102022

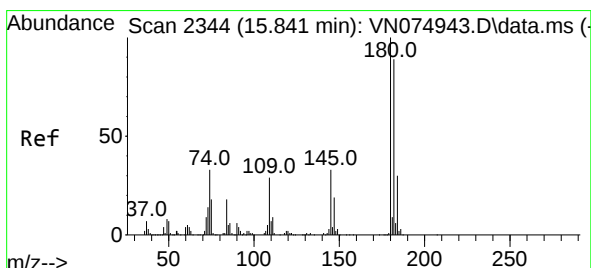
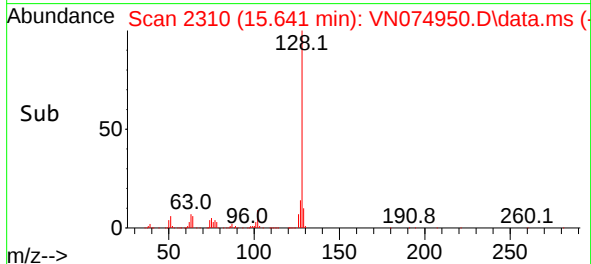
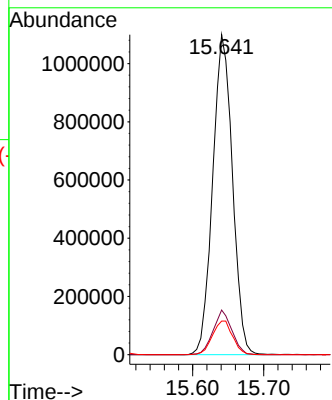
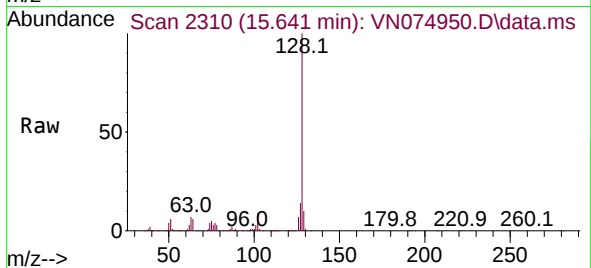
Tgt Ion:128 Resp: 2120165

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.439 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN074950.D

Acq: 20 Oct 2022 18:28

Tgt Ion:180 Resp: 528353

Ion Ratio Lower Upper

180 100

182 93.2 46.7 140.1

145 34.0 17.2 51.5

