

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072424\  
 Data File : VN083033.D  
 Acq On : 24 Jul 2024 16:55  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Jul 25 02:41:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 168173   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 279444   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 267521   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 133662   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 127753   | 54.191   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 108.380% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 101596   | 56.659   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 113.320% |      |
| 50) Toluene-d8              | 10.570 | 98    | 368319   | 55.613   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 111.220% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 121800   | 51.198   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | = 102.400% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 97590   | 44.822  | ug/l   | 98  |
| 3) Chloromethane             | 2.359 | 50  | 77302   | 37.438  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.512 | 62  | 99763   | 46.004  | ug/l   | 96  |
| 5) Bromomethane              | 2.942 | 94  | 69733   | 44.599  | ug/l   | 90  |
| 6) Chloroethane              | 3.112 | 64  | 83474   | 56.250  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.489 | 101 | 158737  | 50.894  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.965 | 74  | 52053   | 48.764  | ug/l   | 83  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 94468   | 53.515  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.588 | 142 | 83783   | 46.293  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 107493  | 271.099 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.341 | 96  | 83178   | 48.450  | ug/l   | 91  |
| 13) Acrolein                 | 4.183 | 56  | 150145  | 524.490 | ug/l   | 99  |
| 14) Allyl chloride           | 5.030 | 41  | 133653  | 49.931  | ug/l   | 94  |
| 15) Acrylonitrile            | 5.724 | 53  | 247260  | 271.345 | ug/l   | 100 |
| 16) Acetone                  | 4.430 | 43  | 215850  | 260.062 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.712 | 76  | 201340  | 39.248  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.024 | 43  | 147323  | 67.080  | ug/l # | 88  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 309930  | 52.335  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.277 | 84  | 104502  | 52.135  | ug/l   | 85  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 89485   | 48.106  | ug/l   | 90  |
| 22) Diisopropyl ether        | 6.671 | 45  | 301394  | 53.820  | ug/l   | 93  |
| 23) Vinyl Acetate            | 6.606 | 43  | 1156317 | 260.010 | ug/l # | 94  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 187464  | 55.187  | ug/l   | 97  |
| 25) 2-Butanone               | 7.482 | 43  | 339758  | 271.102 | ug/l   | 94  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 171025  | 54.151  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 115371  | 52.976  | ug/l   | 87  |
| 28) Bromochloromethane       | 7.818 | 49  | 84500   | 57.986  | ug/l # | 79  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 213805  | 270.987 | ug/l # | 85  |
| 30) Chloroform               | 7.971 | 83  | 201686  | 55.967  | ug/l   | 96  |
| 31) Cyclohexane              | 8.259 | 56  | 136674  | 44.345  | ug/l   | 90  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 178728  | 53.418  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 129805  | 52.505  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.565 | 43  | 131152  | 52.107  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 155997  | 52.407  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.600 | 83  | 117758  | 44.096  | ug/l   | 95  |
| 40) Benzene                  | 8.606 | 78  | 411628  | 54.128  | ug/l   | 97  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072424\  
 Data File : VN083033.D  
 Acq On : 24 Jul 2024 16:55  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 25 02:41:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 72478    | 53.450   | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 154203   | 56.326   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 236952   | 49.923   | ug/l # | 93       |
| 44) Trichloroethene           | 9.353  | 130  | 93840    | 48.165   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 103956   | 58.553   | ug/l   | 94       |
| 46) Dibromomethane            | 9.712  | 93   | 79771    | 57.674   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.894  | 83   | 164328   | 57.500   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.682  | 41   | 109183   | 55.322   | ug/l # | 86       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 46890    | 1094.688 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 751243   | 301.066  | ug/l   | 96       |
| 52) Toluene                   | 10.629 | 92   | 259192   | 54.562   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 161879   | 54.984   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 167998   | 53.909   | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 105905   | 60.627   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 161903   | 59.573   | ug/l   | 88       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 177728   | 57.478   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 433429   | 310.806  | ug/l   | 96       |
| 59) 2-Hexanone                | 11.194 | 43   | 554393   | 298.833  | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.359 | 129  | 128975   | 57.969   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 106115   | 57.203   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 90703    | 45.445   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 292103   | 50.955   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.964 | 131  | 113696   | 55.759   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.964 | 91   | 494952   | 51.372   | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 388681   | 106.855  | ug/l   | 96       |
| 69) o-Xylene                  | 12.400 | 106  | 181584   | 52.099   | ug/l   | 96       |
| 70) Styrene                   | 12.412 | 104  | 327353   | 56.844   | ug/l   | 97       |
| 71) Bromoform                 | 12.576 | 173  | 90273    | 56.294   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 464402   | 47.815   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 203822   | 50.734   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 152457   | 52.412   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 204304   | 88.658   | ug/l   | 41       |
| 77) Bromobenzene              | 12.982 | 156  | 119311   | 47.617   | ug/l   | 97       |
| 78) n-propylbenzene           | 13.035 | 91   | 562488   | 50.370   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 337243   | 47.397   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 388147   | 49.440   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 58713    | 50.109   | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 335627   | 47.656   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 325465   | 46.761   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 396859   | 49.596   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 460380   | 48.948   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 381736   | 48.646   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 222752   | 49.212   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 216085   | 46.161   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.058 | 91   | 311080   | 46.272   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 78333    | 47.176   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 217094   | 49.398   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 30400    | 45.174   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 99465    | 42.017   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 43448    | 41.401   | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 346510   | 42.736   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 104371   | 42.880   | ug/l   | 98       |

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Data File : VN083033.D  
Acq On : 24 Jul 2024 16:55  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 15 Sample Multiplier: 1

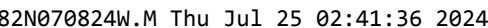
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

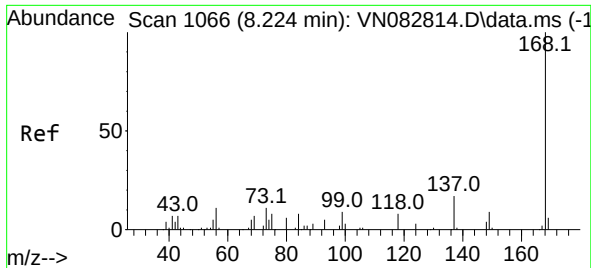
Quant Time: Jul 25 02:41:26 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 08 13:46:04 2024  
Response via : Initial Calibration

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

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

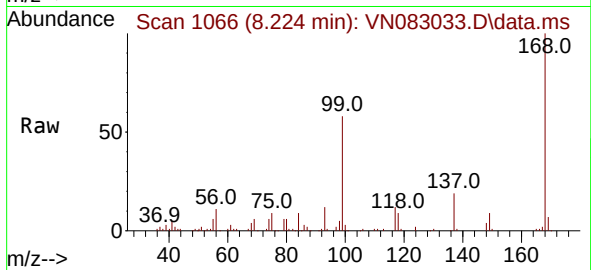
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 08 13:46:04 2024  
Response via : Initial Calibration



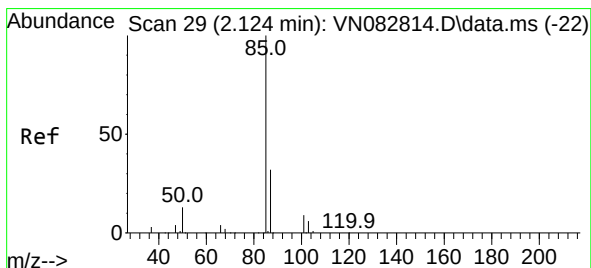
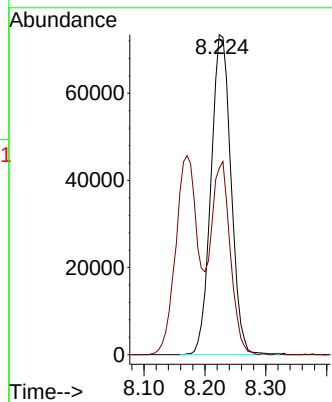
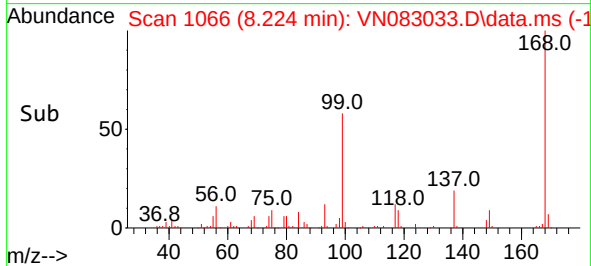


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.005 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

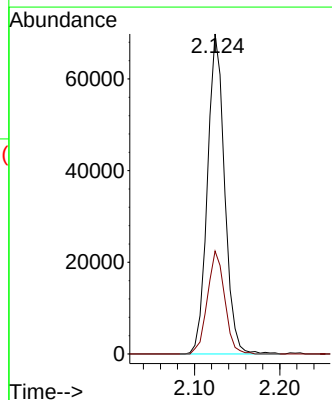
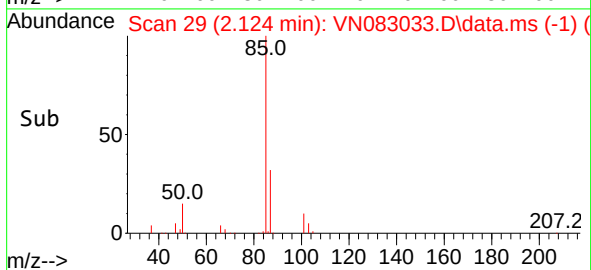
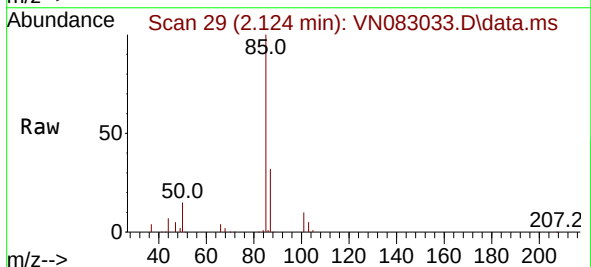


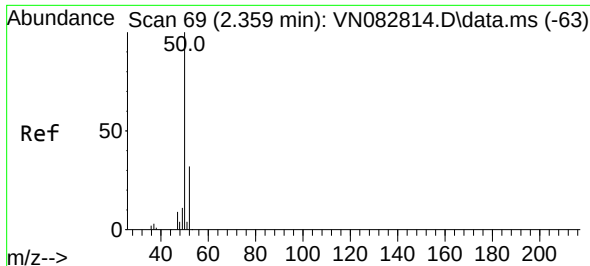
Tgt Ion:168 Resp: 168173  
Ion Ratio Lower Upper  
168 100  
99 57.9 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 44.822 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 85 Resp: 97590  
Ion Ratio Lower Upper  
85 100  
87 32.2 15.7 47.0

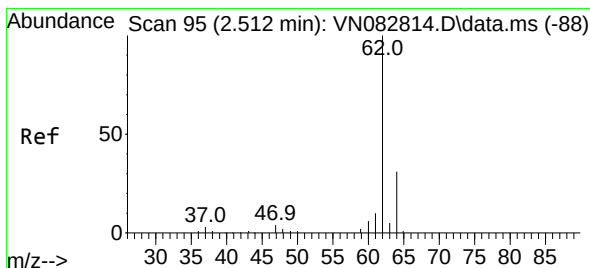
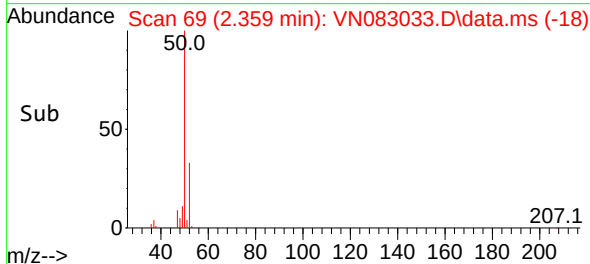
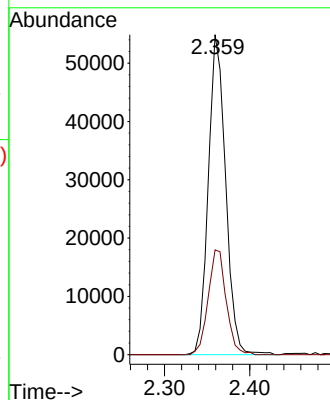
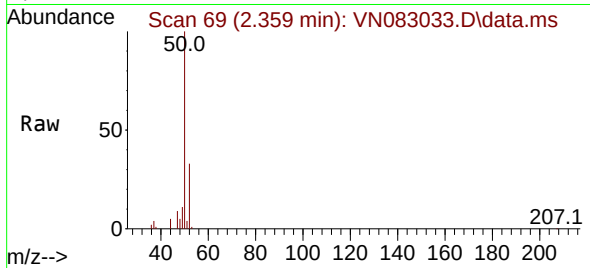




#3  
Chloromethane  
Concen: 37.438 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

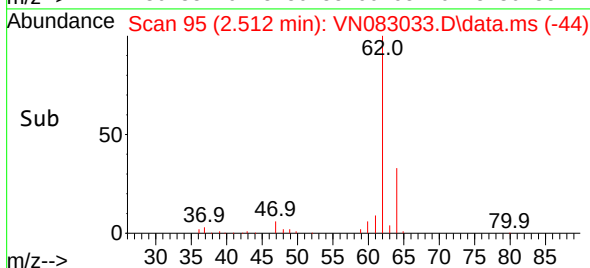
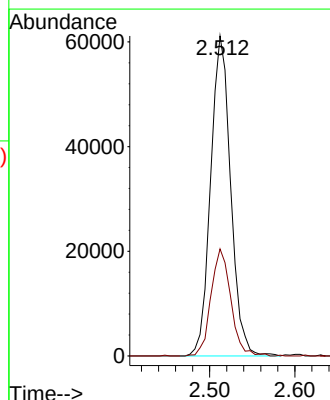
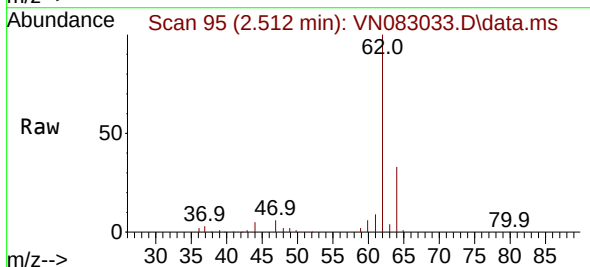
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

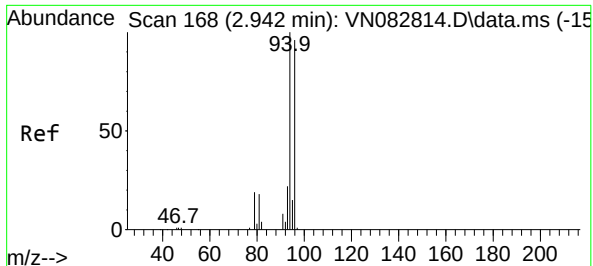
Tgt Ion: 50 Resp: 77302  
Ion Ratio Lower Upper  
50 100  
52 32.8 25.0 37.4



#4  
Vinyl Chloride  
Concen: 46.004 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 62 Resp: 99763  
Ion Ratio Lower Upper  
62 100  
64 33.5 25.0 37.6

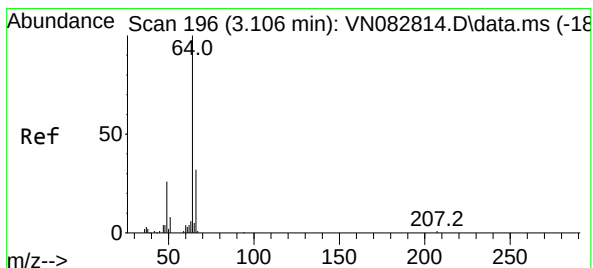
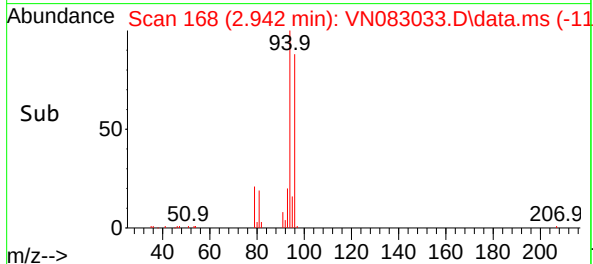
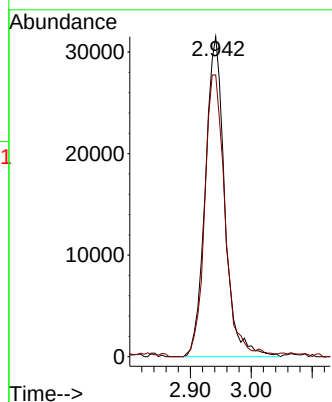
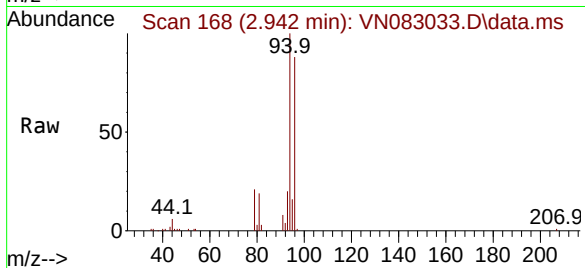




#5  
Bromomethane  
Concen: 44.599 ug/l  
RT: 2.942 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

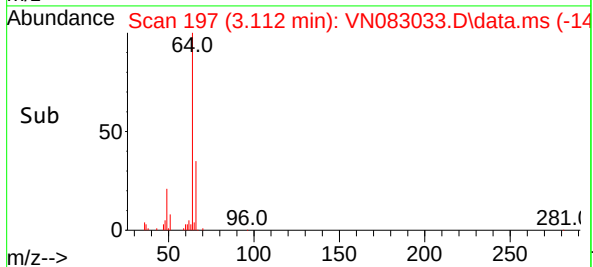
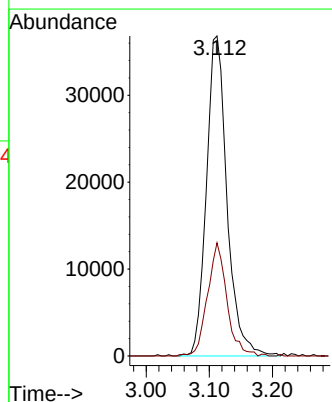
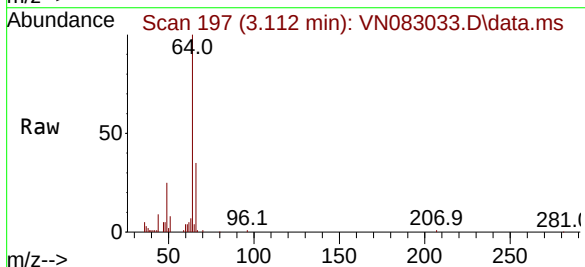
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

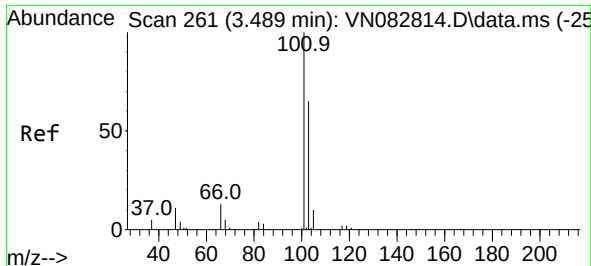
Tgt Ion: 94 Resp: 69733  
Ion Ratio Lower Upper  
94 100  
96 88.1 78.0 117.0



#6  
Chloroethane  
Concen: 56.250 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 64 Resp: 83474  
Ion Ratio Lower Upper  
64 100  
66 34.9 26.6 40.0

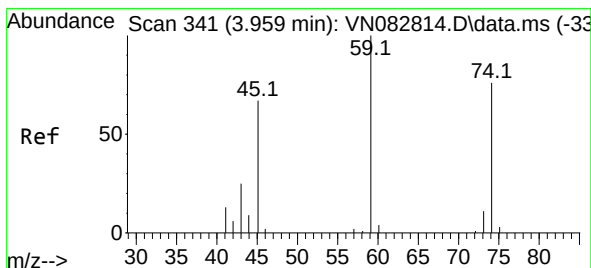
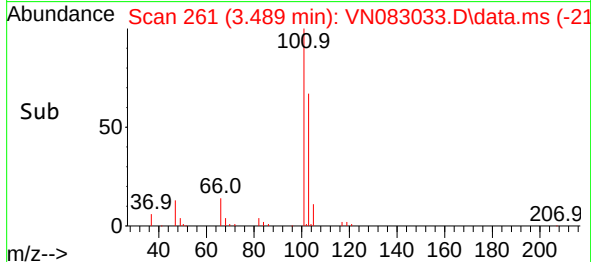
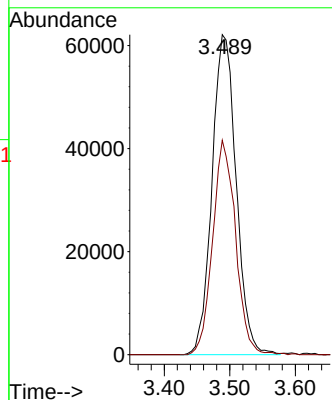
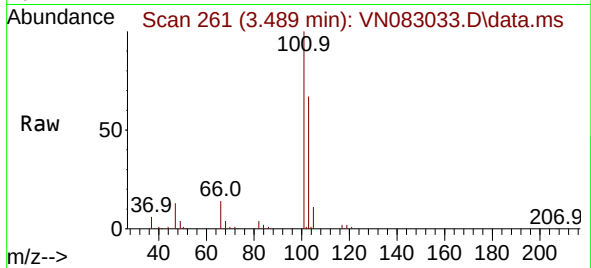




#7  
 Trichlorofluoromethane  
 Concen: 50.894 ug/l  
 RT: 3.489 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

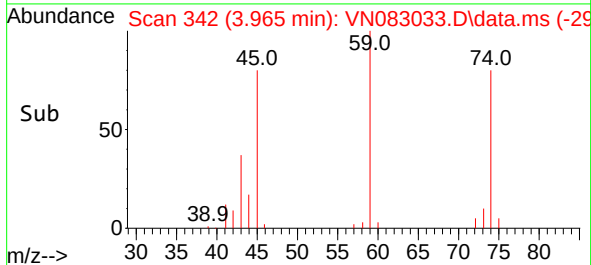
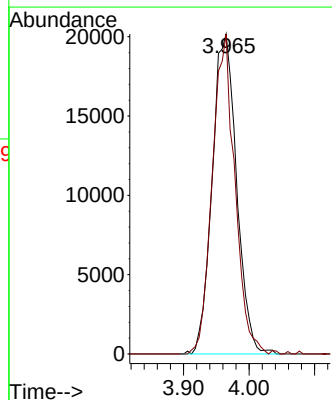
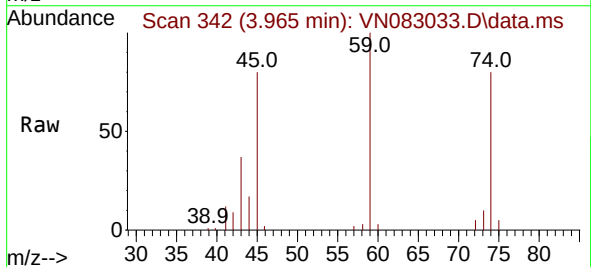
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:101 Resp: 158737  
 Ion Ratio Lower Upper  
 101 100  
 103 67.0 52.7 79.1

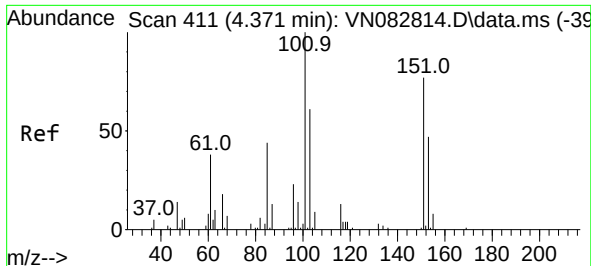


#8  
 Diethyl Ether  
 Concen: 48.764 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

Tgt Ion: 74 Resp: 52053  
 Ion Ratio Lower Upper  
 74 100  
 45 92.4 55.5 166.3



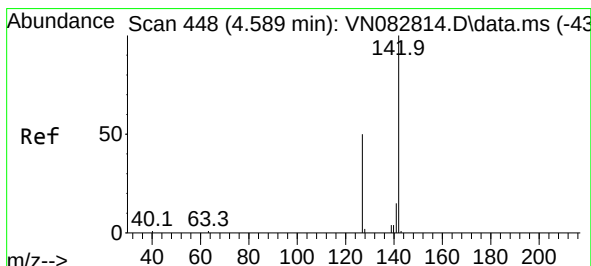
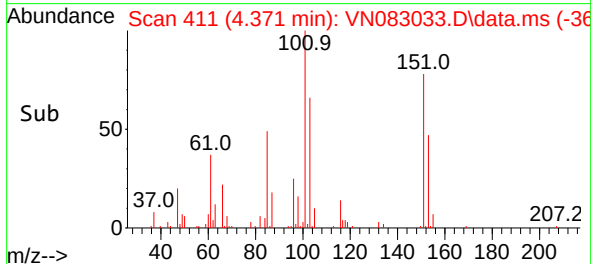
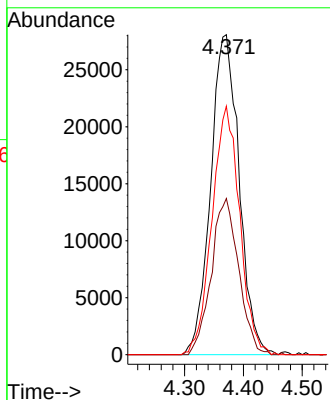
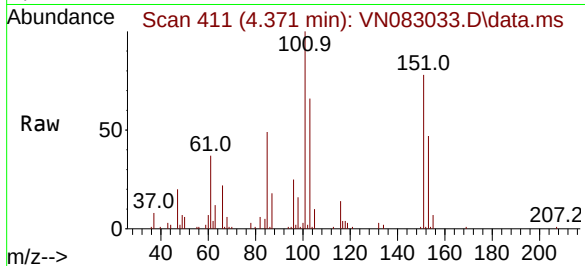




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.515 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

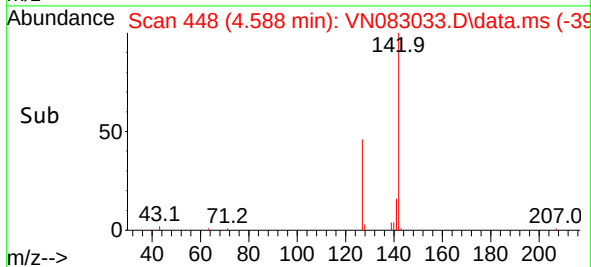
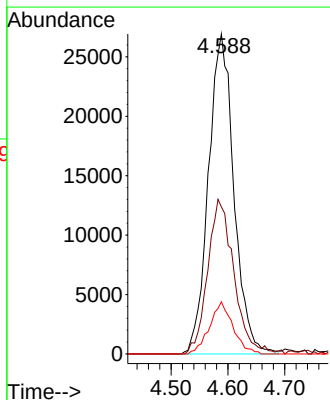
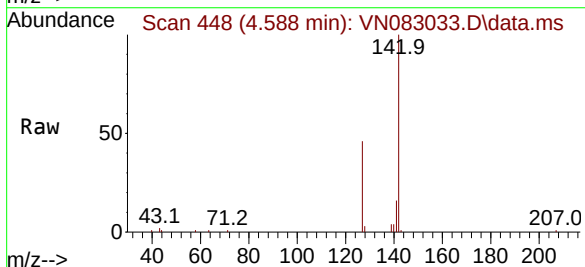
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

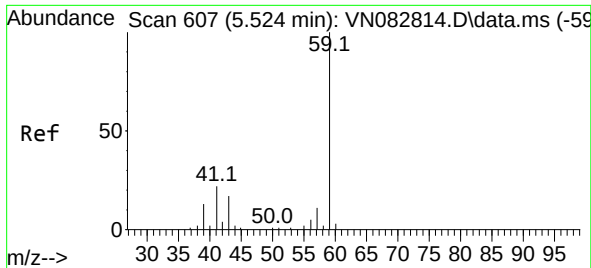
Tgt Ion:101 Resp: 94468  
Ion Ratio Lower Upper  
101 100  
85 47.0 38.3 57.5  
151 75.6 59.3 88.9



#10  
Methyl Iodide  
Concen: 46.293 ug/l  
RT: 4.588 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:142 Resp: 83783  
Ion Ratio Lower Upper  
142 100  
127 45.9 37.5 56.3  
141 16.3 13.1 19.7

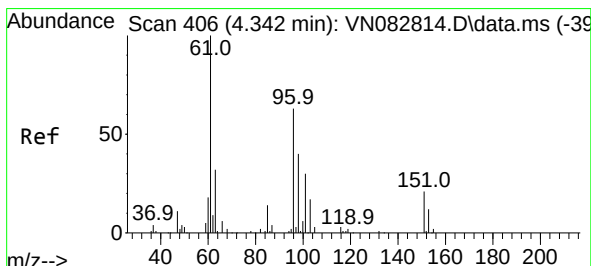
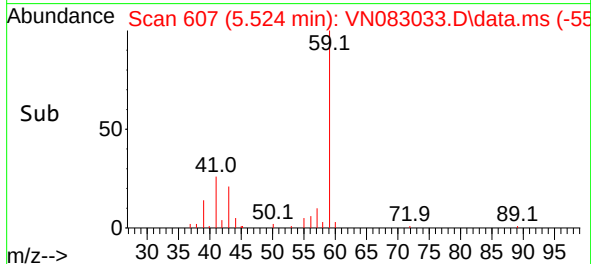
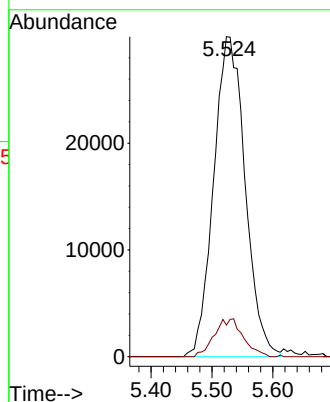
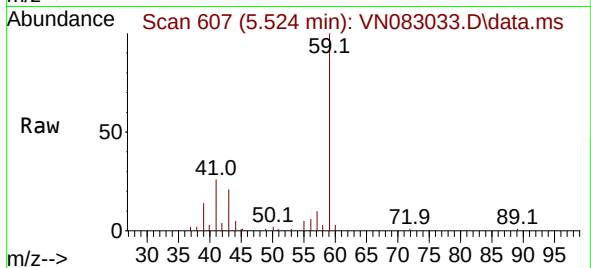




#11  
Tert butyl alcohol  
Concen: 271.099 ug/l  
RT: 5.524 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

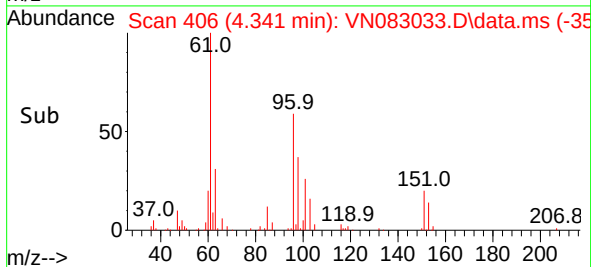
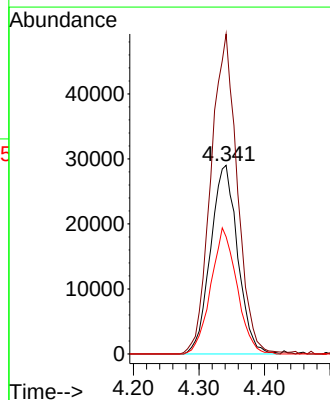
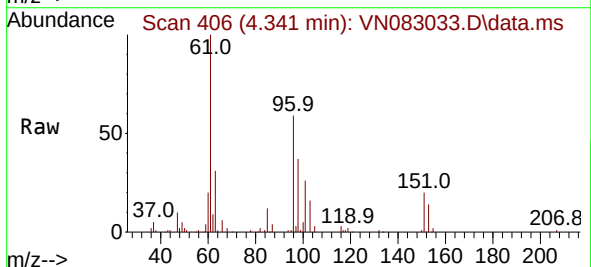
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

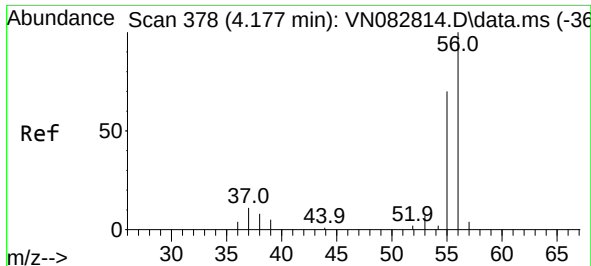
Tgt Ion: 59 Resp: 107493  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.9 13.3



#12  
1,1-Dichloroethene  
Concen: 48.450 ug/l  
RT: 4.341 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 96 Resp: 83178  
Ion Ratio Lower Upper  
96 100  
61 169.7 149.7 224.5  
98 62.1 50.1 75.1

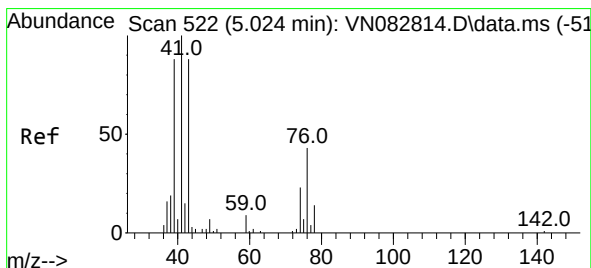
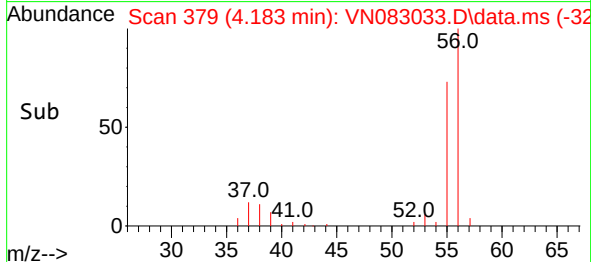
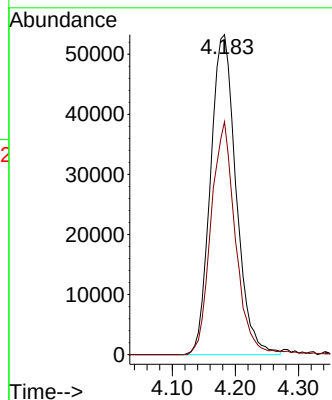
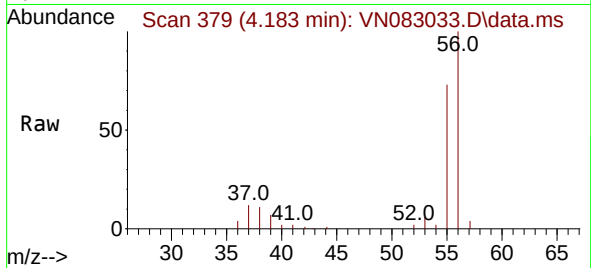




#13  
Acrolein  
Concen: 524.490 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

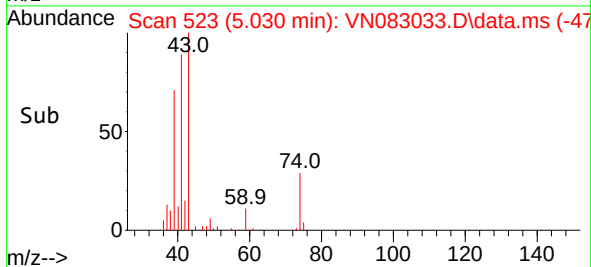
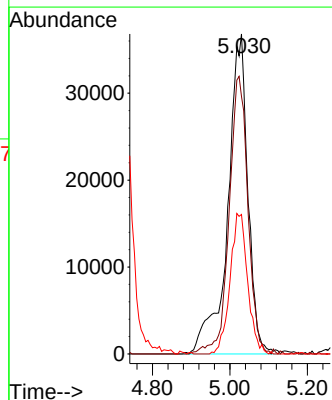
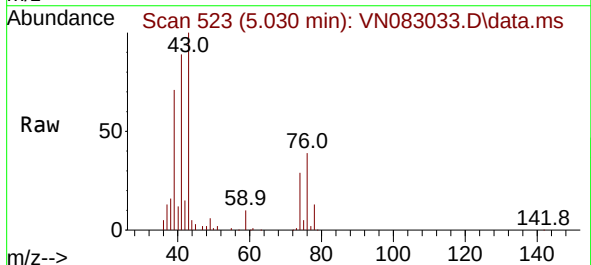
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

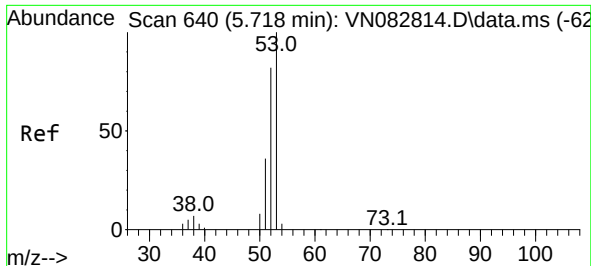
Tgt Ion: 56 Resp: 150145  
Ion Ratio Lower Upper  
56 100  
55 70.0 56.4 84.6



#14  
Allyl chloride  
Concen: 49.931 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.012 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 41 Resp: 133653  
Ion Ratio Lower Upper  
41 100  
39 80.3 67.8 101.6  
76 38.1 25.8 38.8

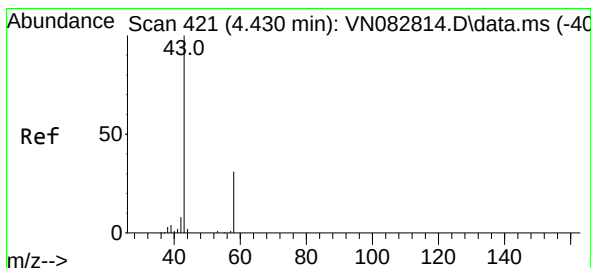
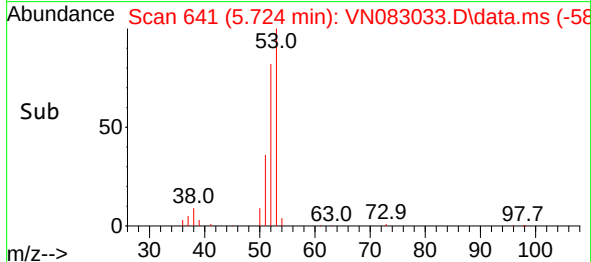
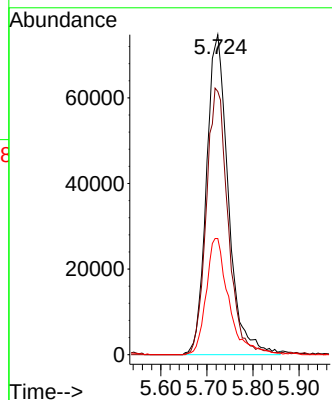
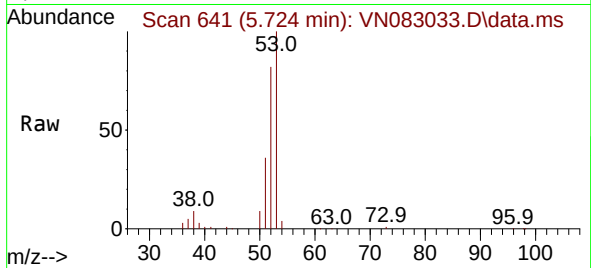




#15  
Acrylonitrile  
Concen: 271.345 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

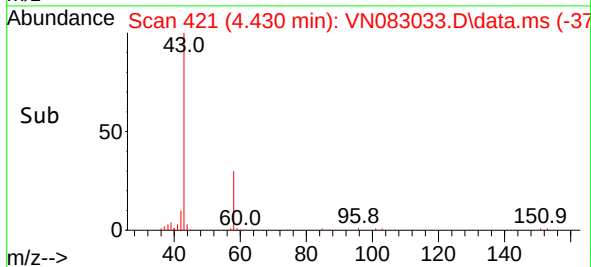
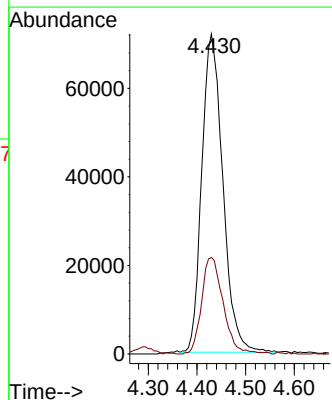
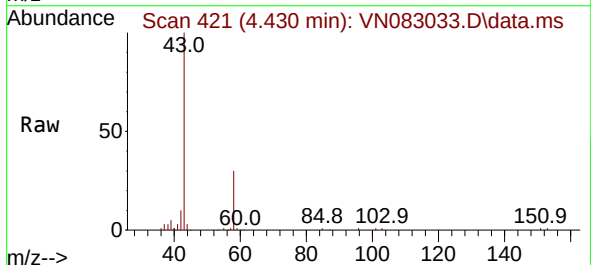
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

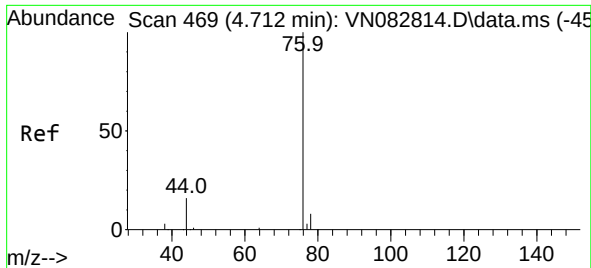
Tgt Ion: 53 Resp: 247260  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.6 100.0  
51 37.6 30.1 45.1



#16  
Acetone  
Concen: 260.062 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 43 Resp: 215850  
Ion Ratio Lower Upper  
43 100  
58 30.3 21.8 32.6

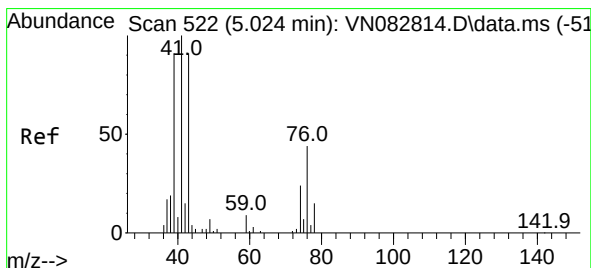
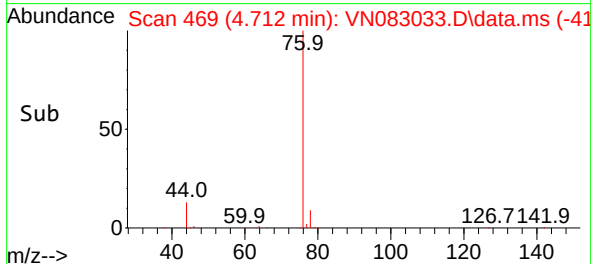
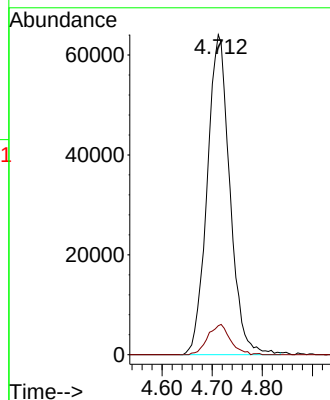
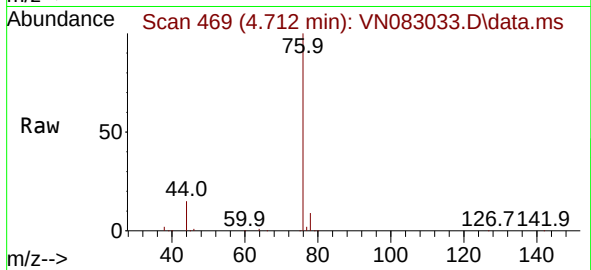




#17  
Carbon Disulfide  
Concen: 39.248 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

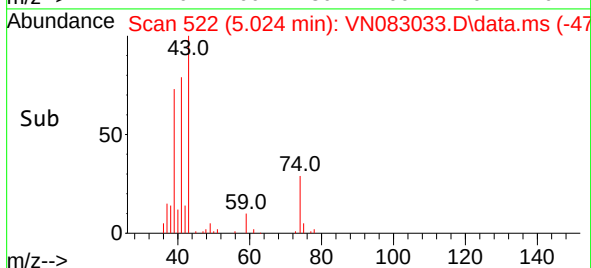
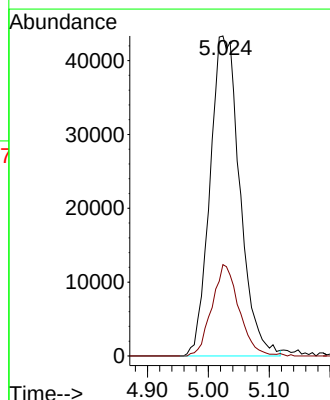
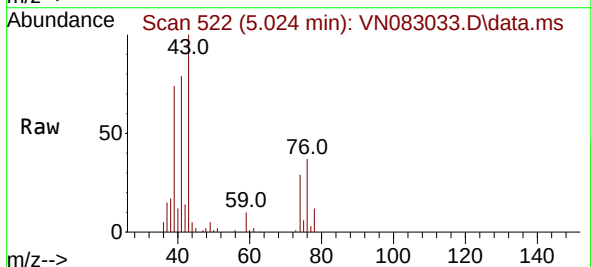
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

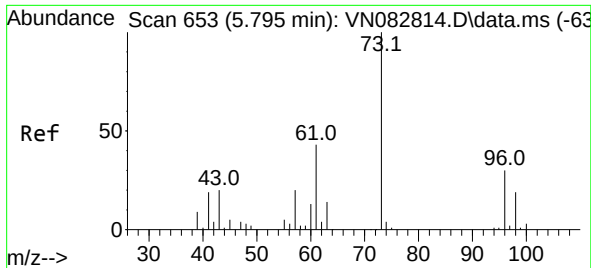
Tgt Ion: 76 Resp: 201340  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



#18  
Methyl Acetate  
Concen: 67.080 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 43 Resp: 147323  
Ion Ratio Lower Upper  
43 100  
74 25.9 16.3 24.5#

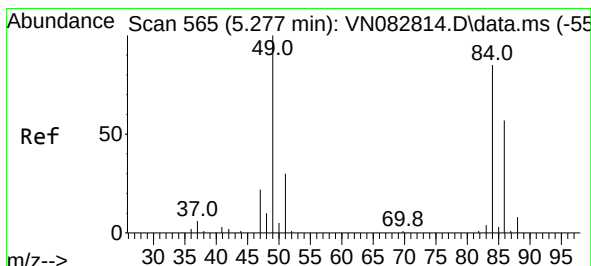
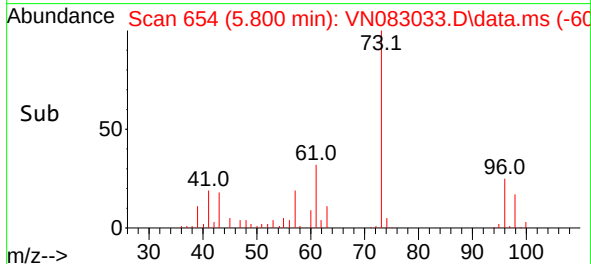
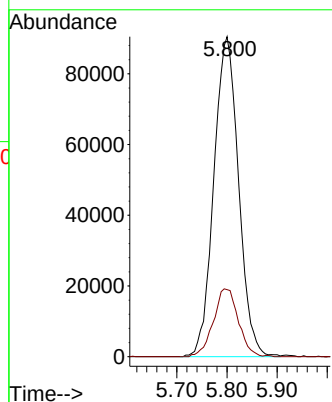
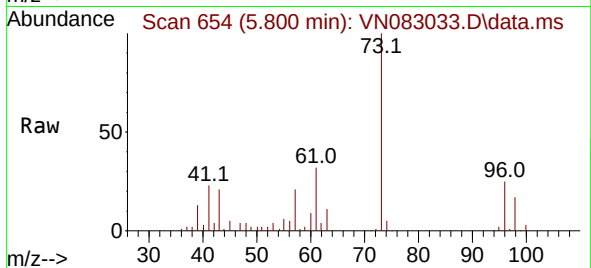




#19  
Methyl tert-butyl Ether  
Concen: 52.335 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

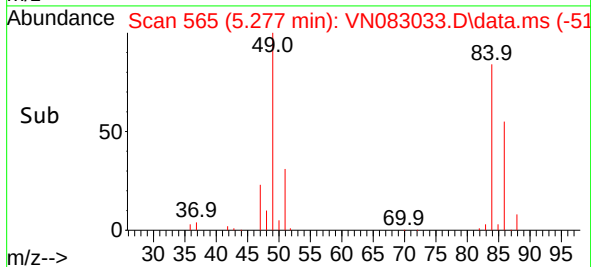
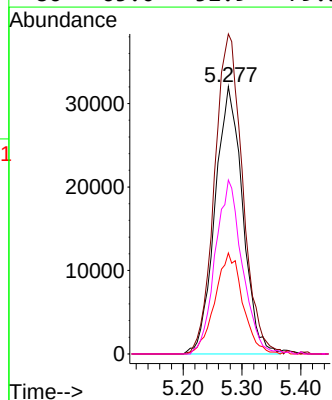
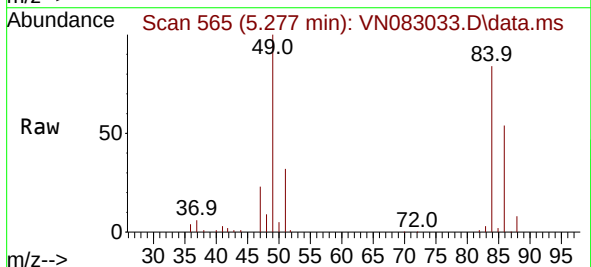
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

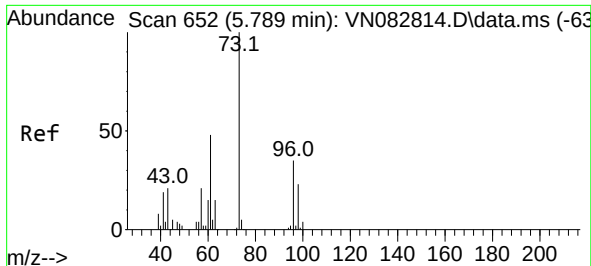
Tgt Ion: 73 Resp: 309930  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.9 26.9



#20  
Methylene Chloride  
Concen: 52.135 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 84 Resp: 104502  
Ion Ratio Lower Upper  
84 100  
49 119.7 119.6 179.4  
51 37.8 34.8 52.2  
86 65.0 52.9 79.3

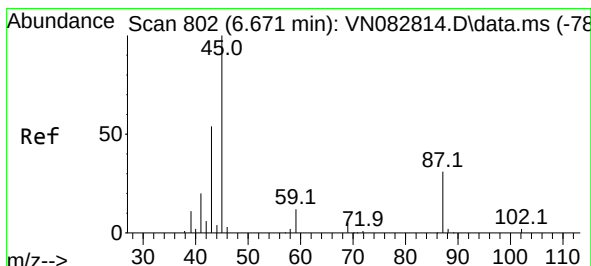
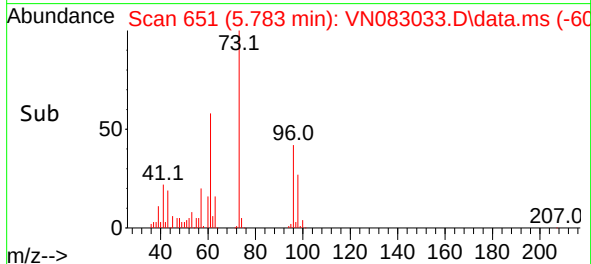
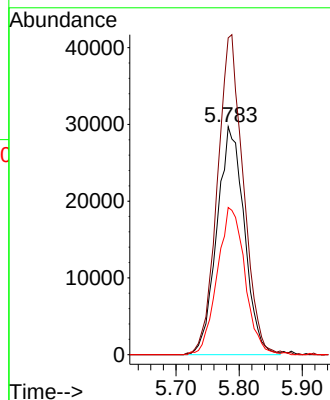
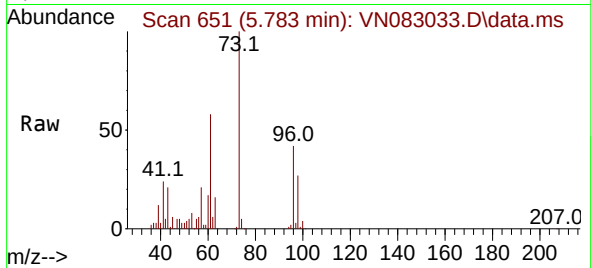




#21  
trans-1,2-Dichloroethene  
Concen: 48.106 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

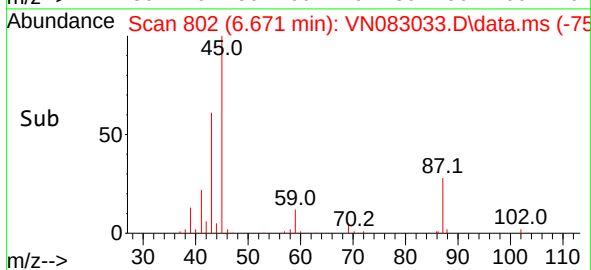
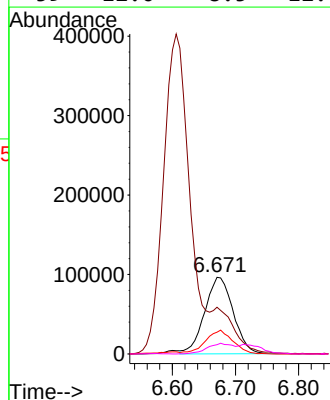
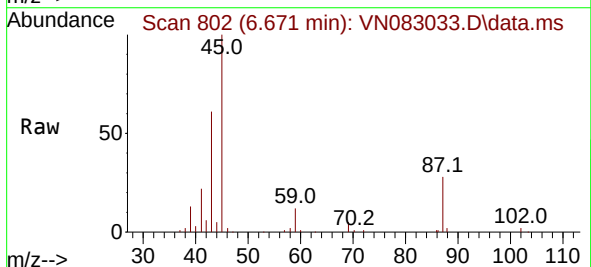
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ClientSampleId :  
VSTDCCC050EC

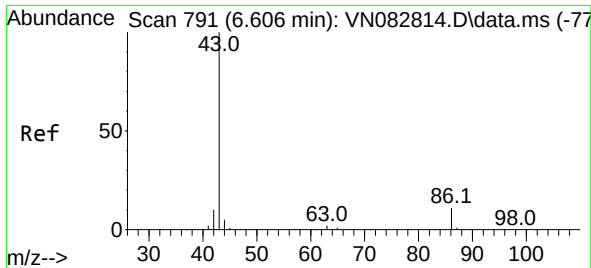
Tgt Ion: 96 Resp: 89485  
Ion Ratio Lower Upper  
96 100  
61 138.9 123.4 185.2  
98 64.5 49.3 73.9



#22  
Diisopropyl ether  
Concen: 53.820 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 45 Resp: 301394  
Ion Ratio Lower Upper  
45 100  
43 59.9 44.0 66.0  
87 28.4 19.7 29.5  
59 12.0 8.5 12.7

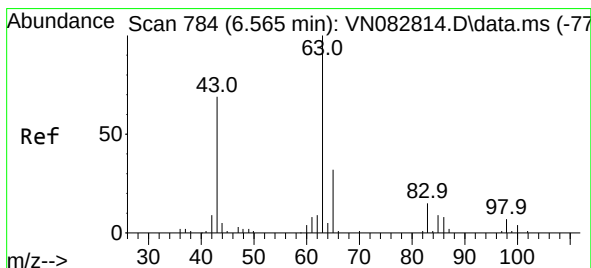
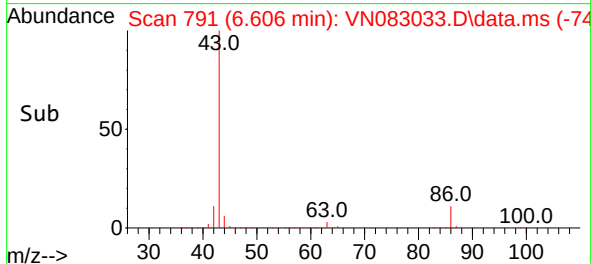
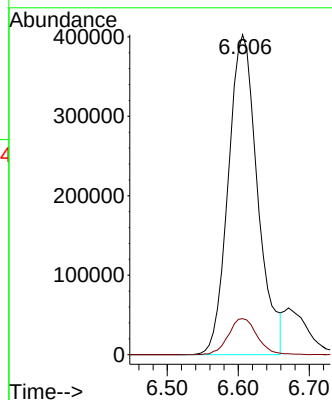
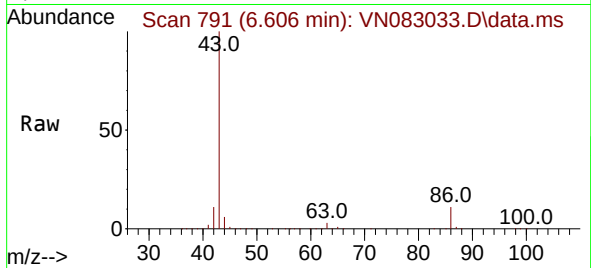




#23  
 Vinyl Acetate  
 Concen: 260.010 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

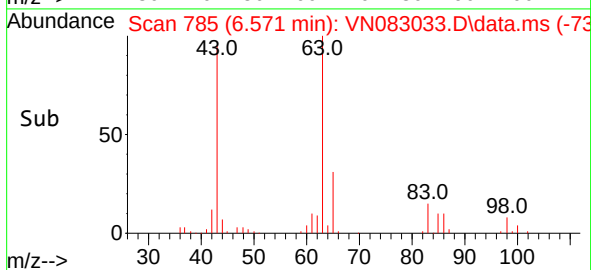
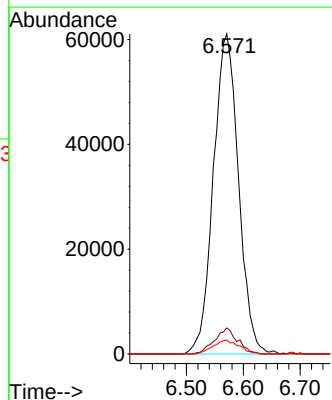
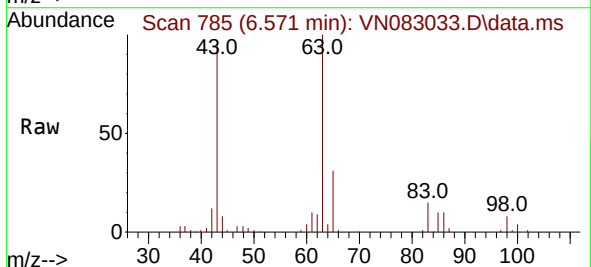
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1156317  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 7.3 10.9#

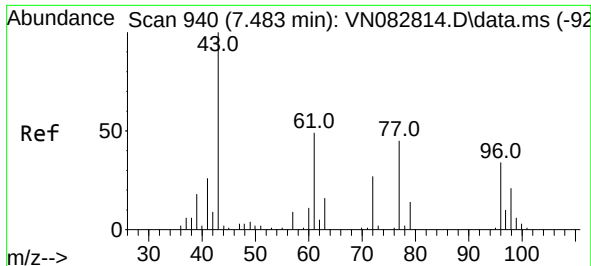


#24  
 1,1-Dichloroethane  
 Concen: 55.187 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. -0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

Tgt Ion: 63 Resp: 187464  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.3 9.9  
 100 4.4 2.0 6.0







#25

2-Butanone

Concen: 271.102 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

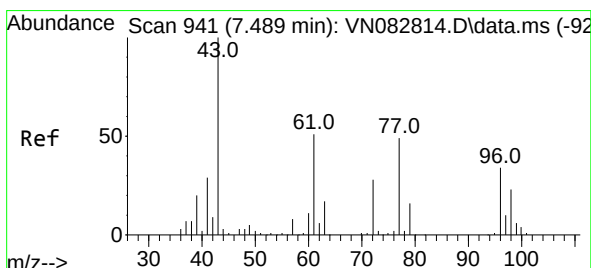
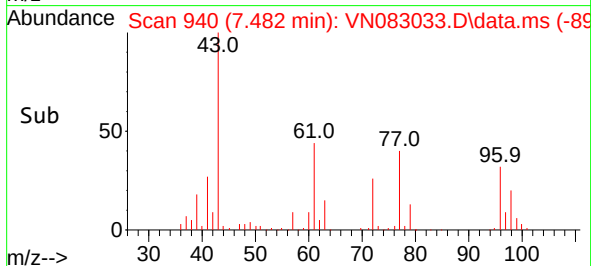
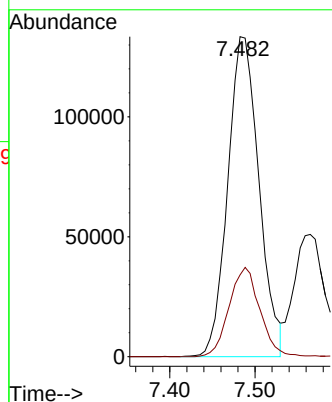
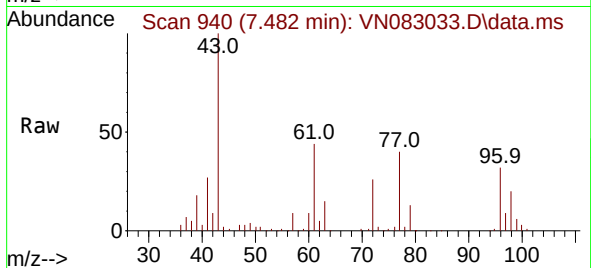
VSTDCCC050EC

Tgt Ion: 43 Resp: 339758

Ion Ratio Lower Upper

43 100

72 25.6 18.2 27.2



#26

2,2-Dichloropropane

Concen: 54.151 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN083033.D

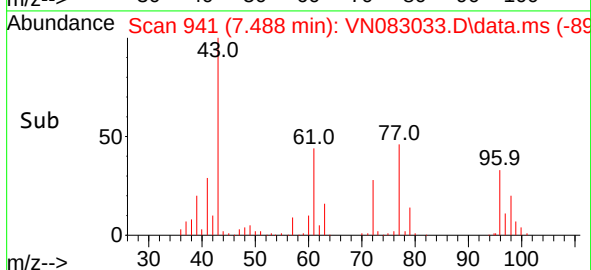
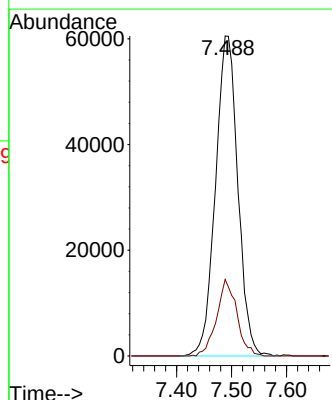
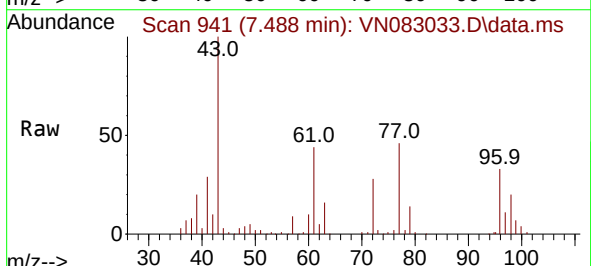
Acq: 24 Jul 2024 16:55

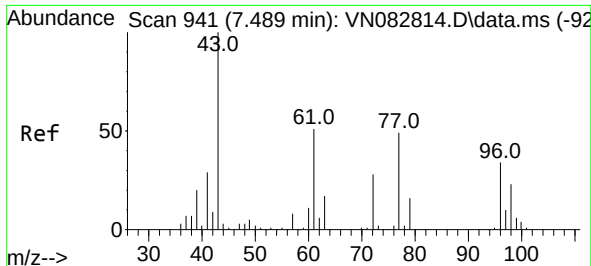
Tgt Ion: 77 Resp: 171025

Ion Ratio Lower Upper

77 100

97 21.7 10.3 30.9



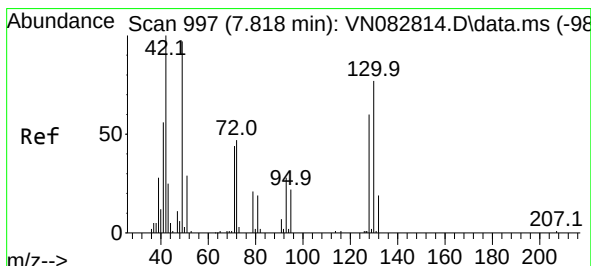
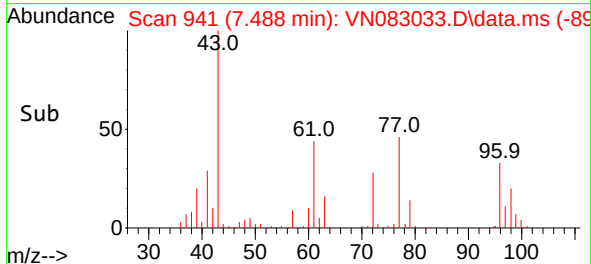
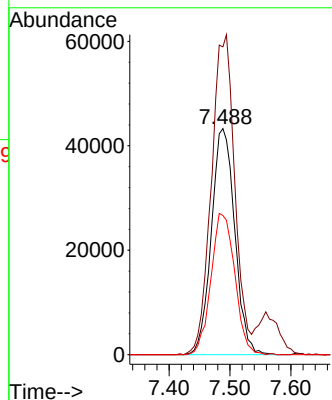
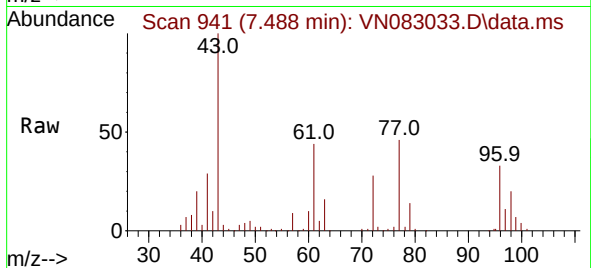


#27  
 cis-1,2-Dichloroethene  
 Concen: 52.976 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 115371  

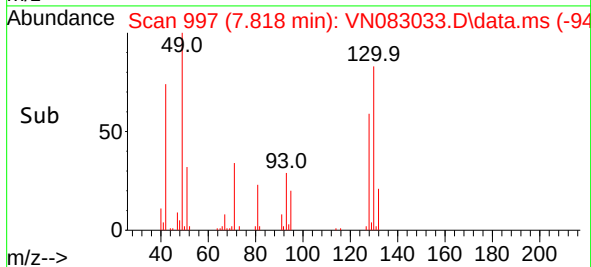
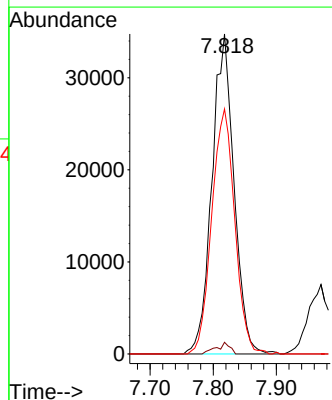
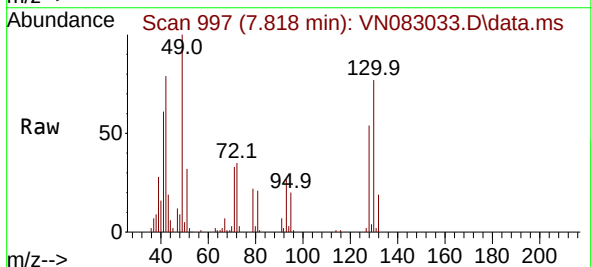
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 141.9 | 0.0   | 329.6 |
| 98  | 63.6  | 0.0   | 128.6 |

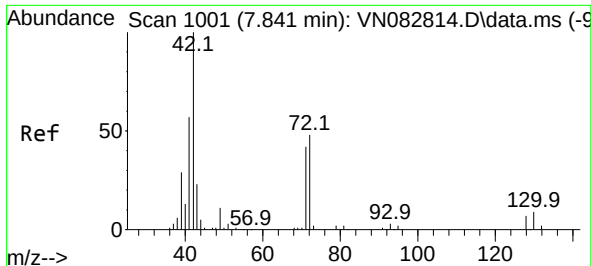


#28  
 Bromochloromethane  
 Concen: 57.986 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

Tgt Ion: 49 Resp: 84500  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 3.8   |
| 130 | 79.7  | 50.5  | 75.7# |





#29

Tetrahydrofuran

Concen: 270.987 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

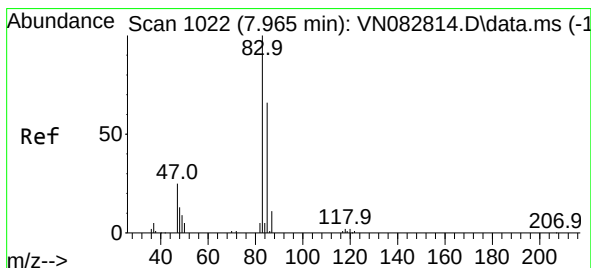
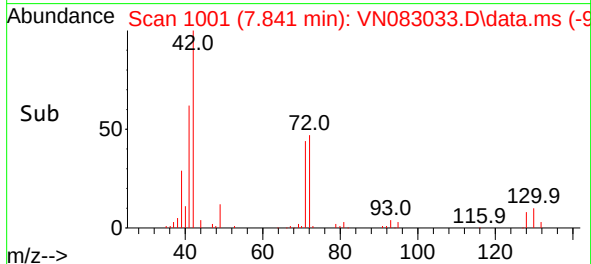
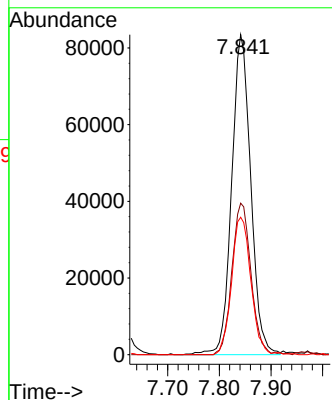
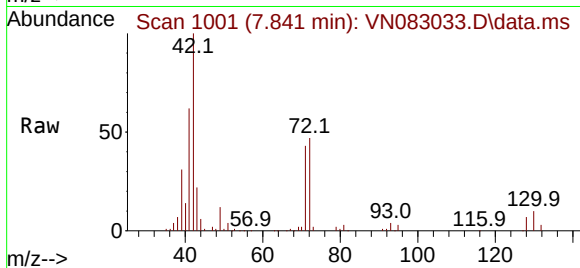
Tgt Ion: 42 Resp: 213805

Ion Ratio Lower Upper

42 100

72 47.4 30.0 45.0#

71 43.3 28.3 42.5#



#30

Chloroform

Concen: 55.967 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN083033.D

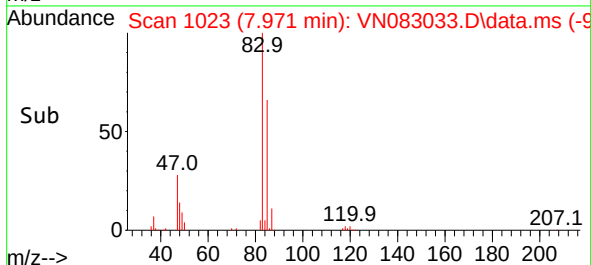
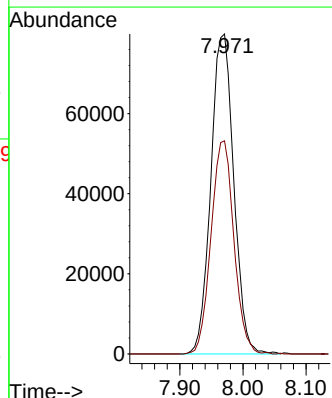
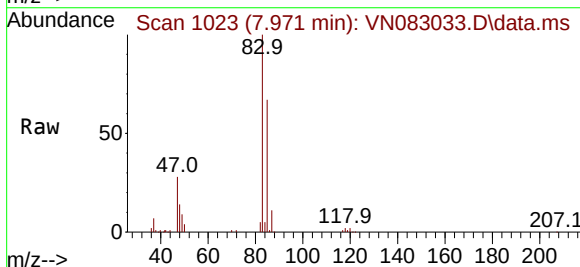
Acq: 24 Jul 2024 16:55

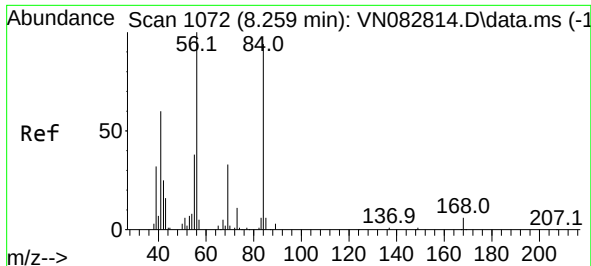
Tgt Ion: 83 Resp: 201686

Ion Ratio Lower Upper

83 100

85 66.6 50.9 76.3

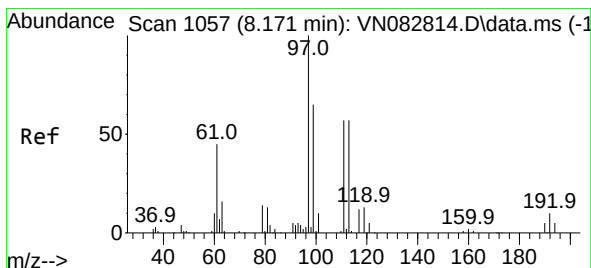
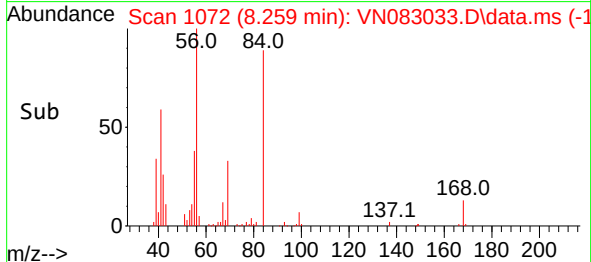
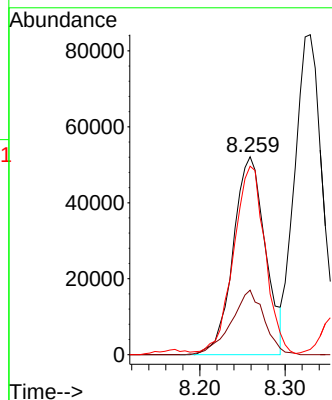
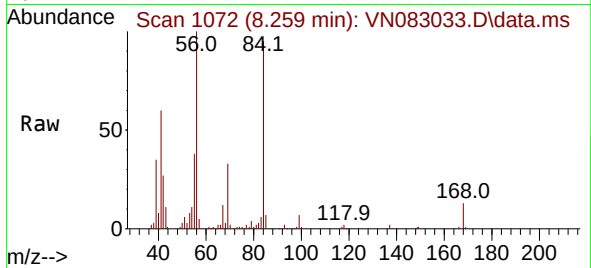




#31  
Cyclohexane  
Concen: 44.345 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

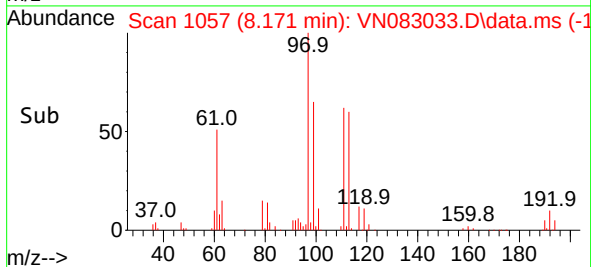
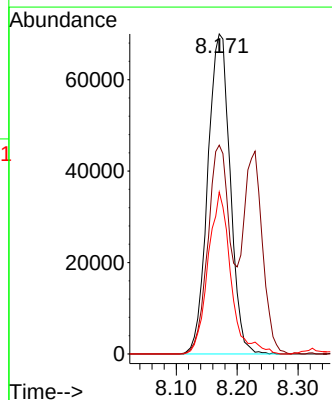
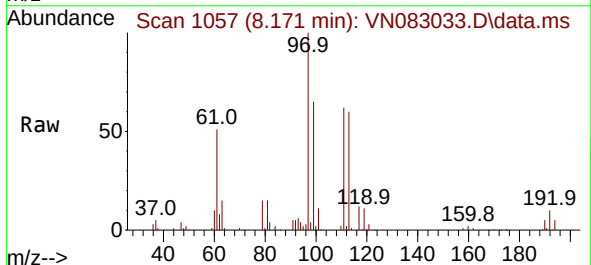
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

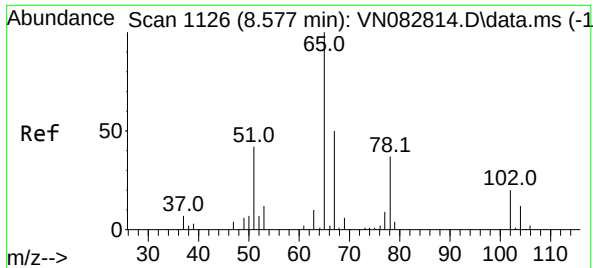
Tgt Ion: 56 Resp: 136674  
Ion Ratio Lower Upper  
56 100  
69 32.6 24.5 36.7  
84 93.6 66.0 99.0



#32  
1,1,1-Trichloroethane  
Concen: 53.418 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 97 Resp: 178728  
Ion Ratio Lower Upper  
97 100  
99 65.6 52.0 78.0  
61 51.4 42.1 63.1

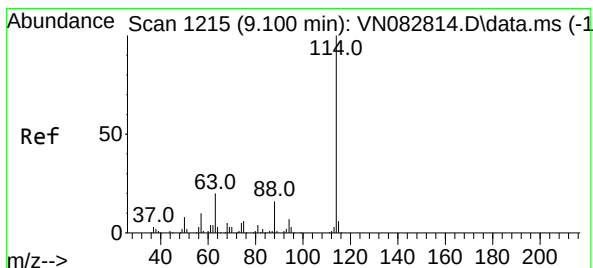
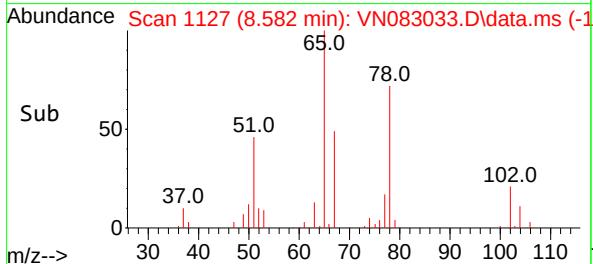
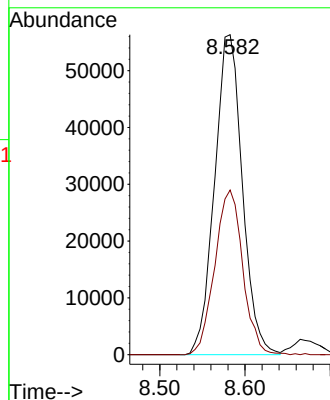
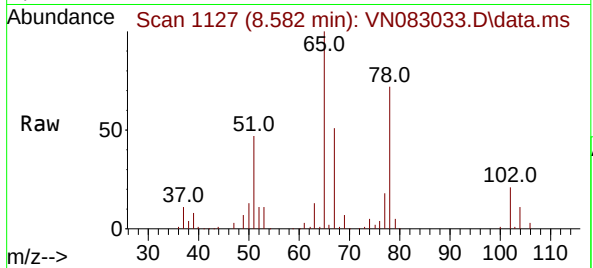




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.191 ug/l  
 RT: 8.582 min Scan# 1127  
 Delta R.T. 0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

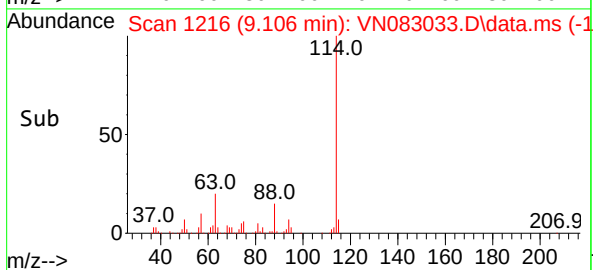
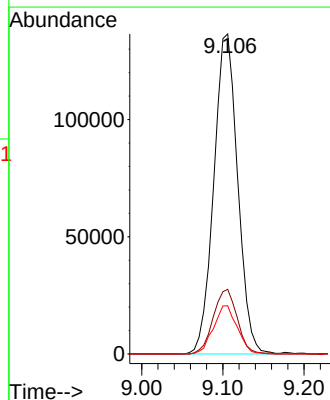
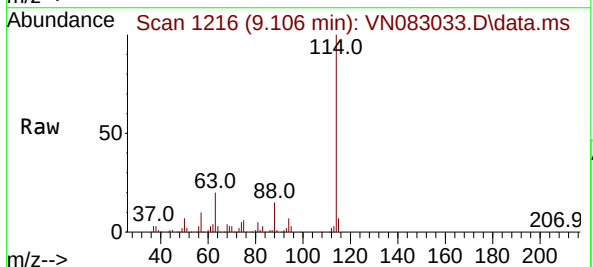
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

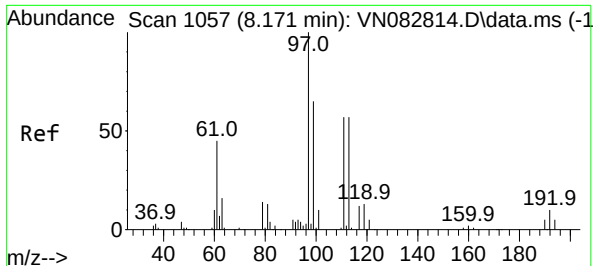
Tgt Ion: 65 Resp: 127753  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.106 min Scan# 1216  
 Delta R.T. -0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

Tgt Ion: 114 Resp: 279444  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 44.6  
 88 15.0 0.0 31.4

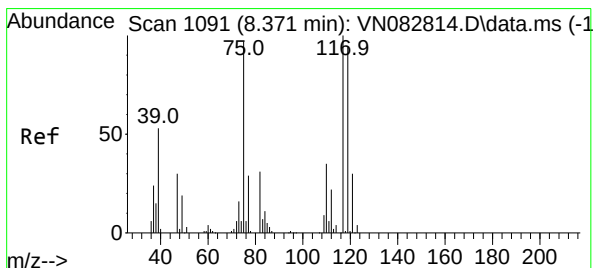
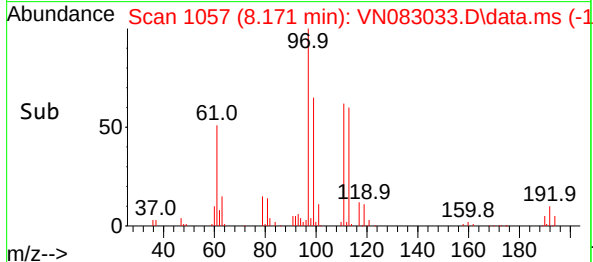
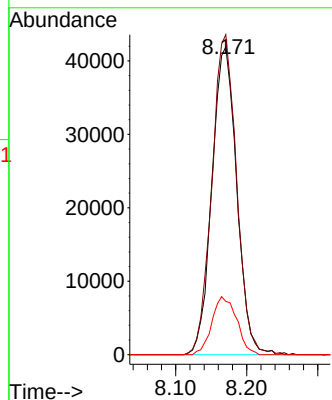
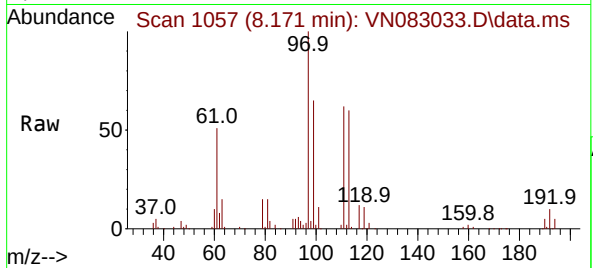




#35  
Dibromofluoromethane  
Concen: 56.659 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

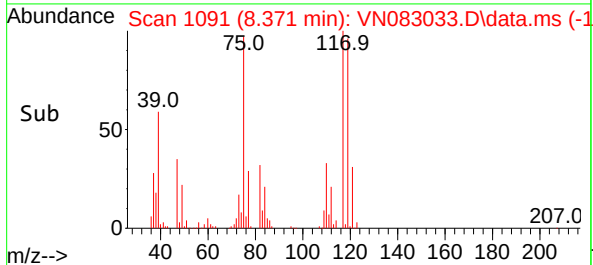
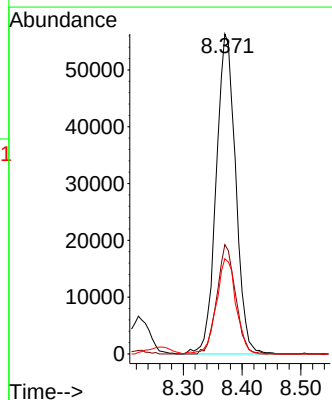
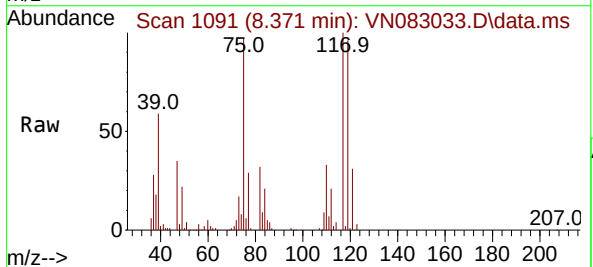
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

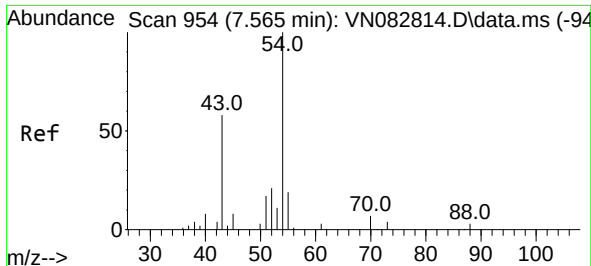
Tgt Ion:113 Resp: 101596  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.4 123.6  
192 18.9 14.9 22.3



#36  
1,1-Dichloropropene  
Concen: 52.505 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 75 Resp: 129805  
Ion Ratio Lower Upper  
75 100  
110 32.6 16.3 48.9  
77 30.1 24.6 37.0

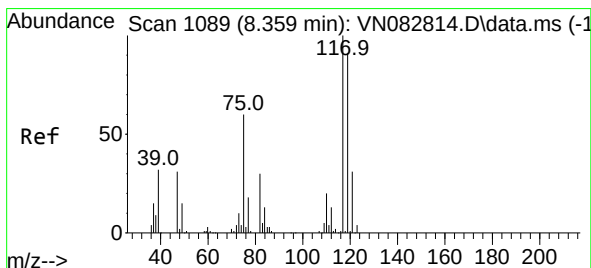
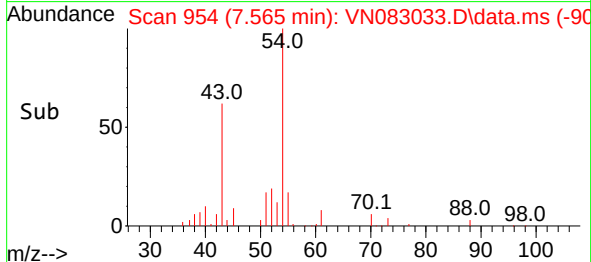
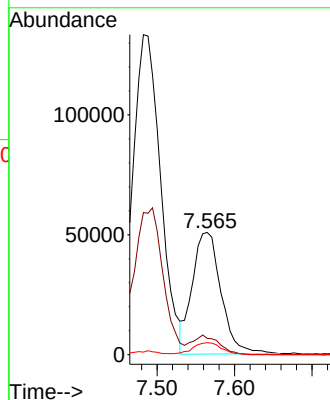
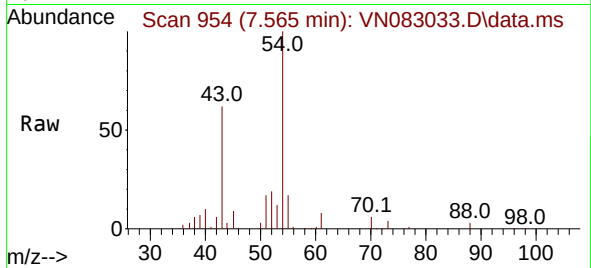




#37  
Ethyl Acetate  
Concen: 52.107 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

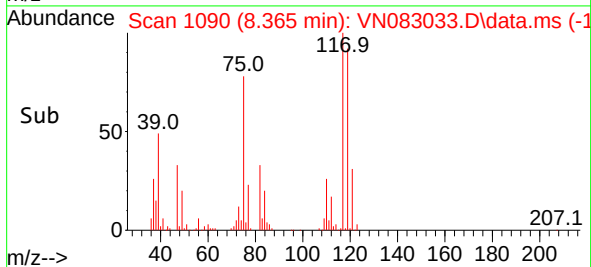
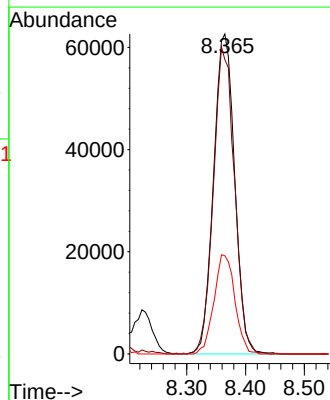
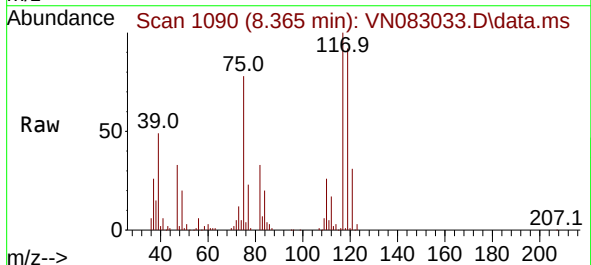
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

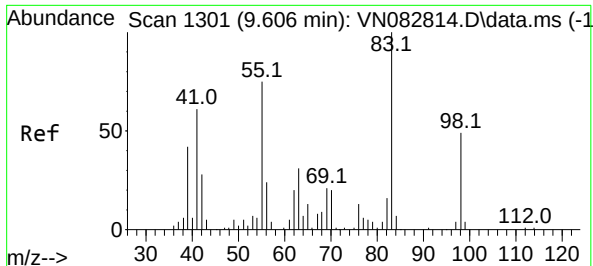
Tgt Ion: 43 Resp: 131152  
Ion Ratio Lower Upper  
43 100  
61 14.9 9.3 13.9#  
70 10.0 7.0 10.6



#38  
Carbon Tetrachloride  
Concen: 52.407 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 117 Resp: 155997  
Ion Ratio Lower Upper  
117 100  
119 92.0 74.9 112.3  
121 30.7 24.3 36.5





#39

Methylcyclohexane

Concen: 44.096 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

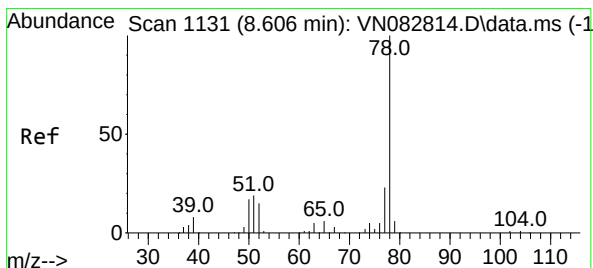
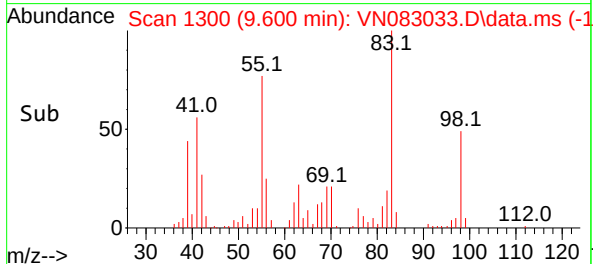
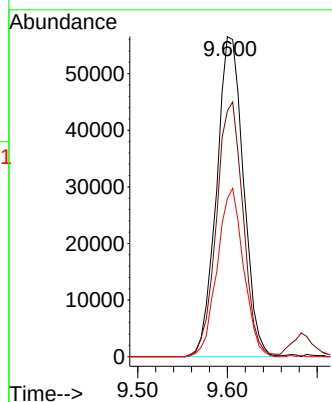
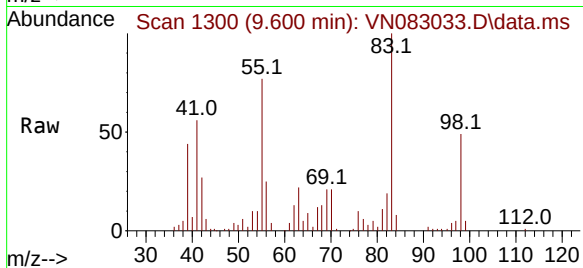
Tgt Ion: 83 Resp: 117758

Ion Ratio Lower Upper

83 100

55 76.8 66.4 99.6

98 49.4 40.7 61.1



#40

Benzene

Concen: 54.128 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN083033.D

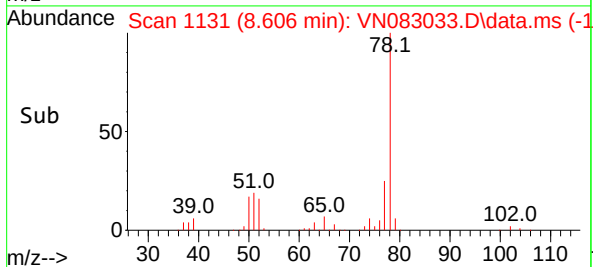
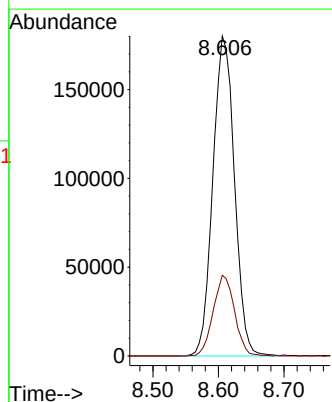
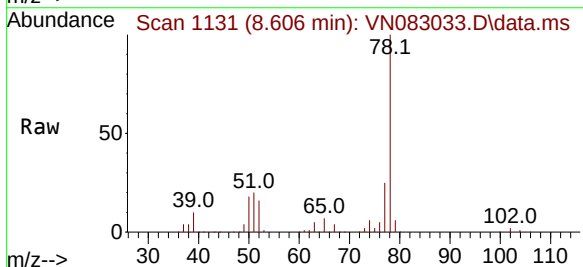
Acq: 24 Jul 2024 16:55

Tgt Ion: 78 Resp: 411628

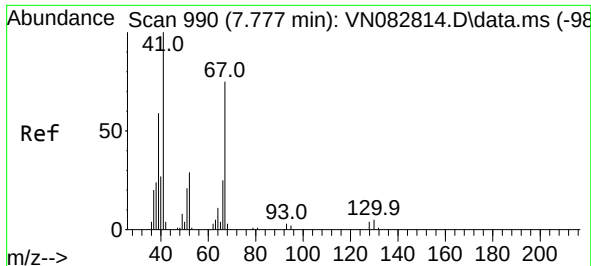
Ion Ratio Lower Upper

78 100

77 25.2 19.0 28.4



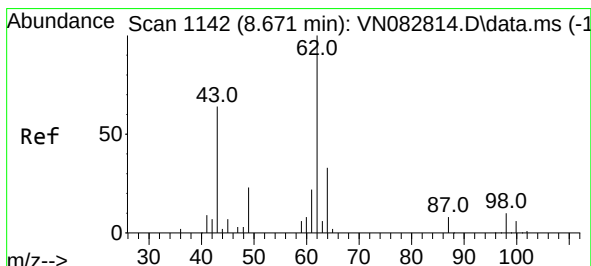
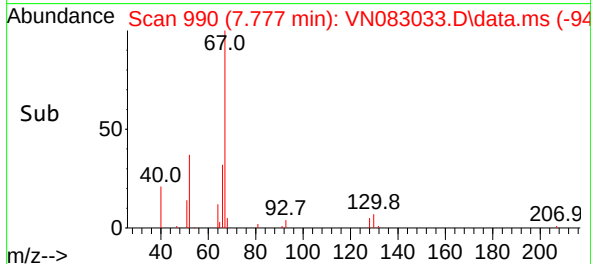
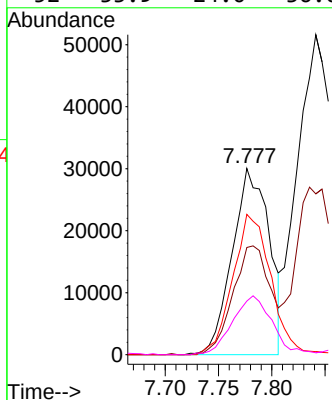
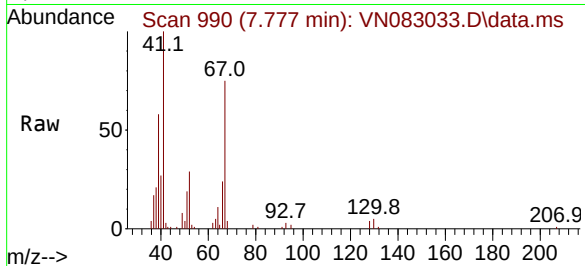




#41  
Methacrylonitrile  
Concen: 53.450 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.005 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

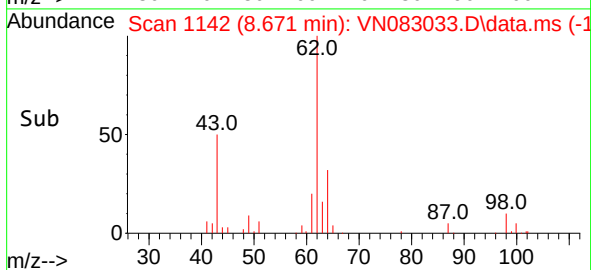
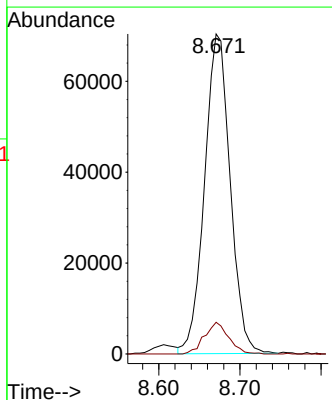
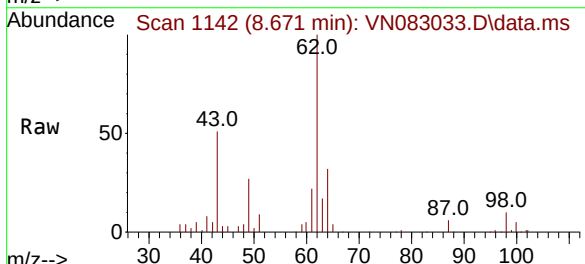
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

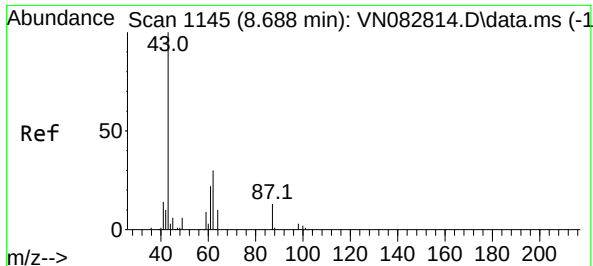
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 72478 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.8  | 45.5  | 68.3  |
| 67       | 77.8  | 50.5  | 75.7# |
| 52       | 33.9  | 24.0  | 36.0  |



#42  
1,2-Dichloroethane  
Concen: 56.326 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 154203 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.4   | 0.0   | 15.8   |





#43

Isopropyl Acetate

Concen: 49.923 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

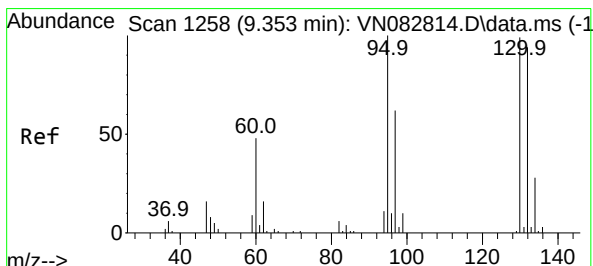
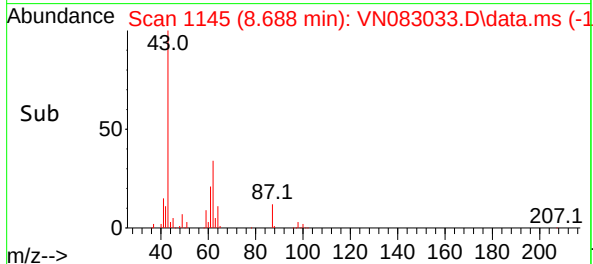
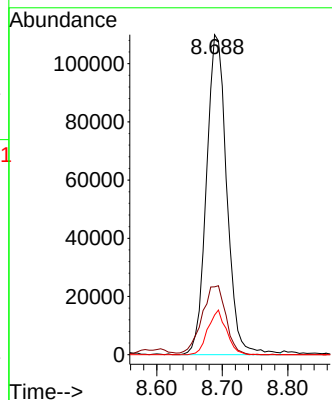
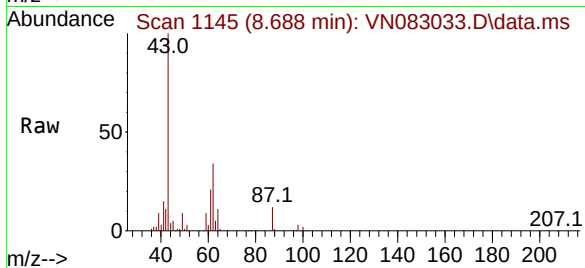
Tgt Ion: 43 Resp: 236952

Ion Ratio Lower Upper

43 100

61 25.6 17.8 26.6

87 12.7 8.2 12.2#



#44

Trichloroethene

Concen: 48.165 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN083033.D

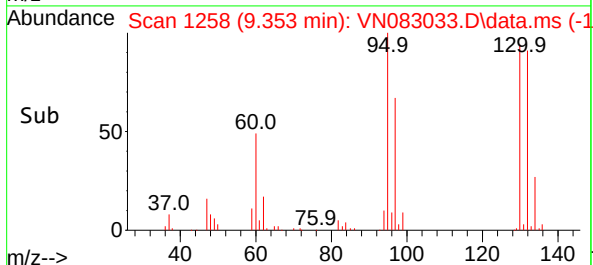
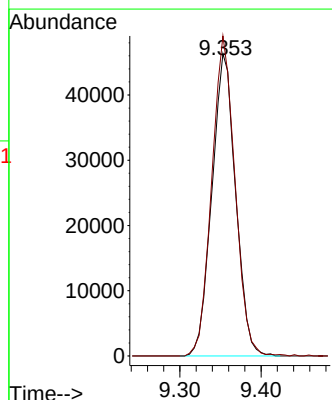
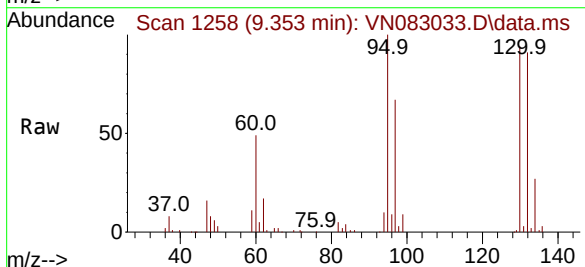
Acq: 24 Jul 2024 16:55

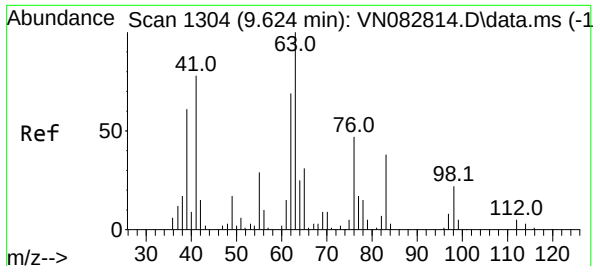
Tgt Ion:130 Resp: 93840

Ion Ratio Lower Upper

130 100

95 105.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 58.553 ug/l

RT: 9.623 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

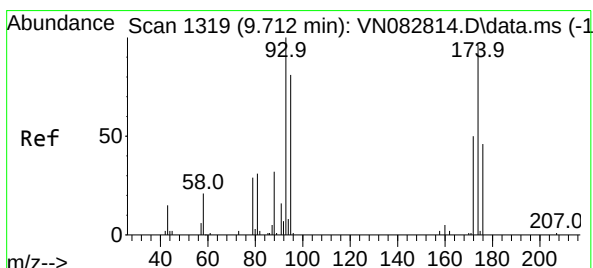
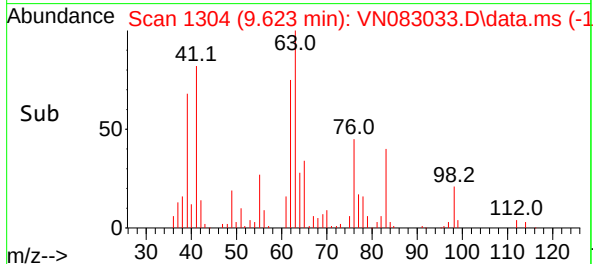
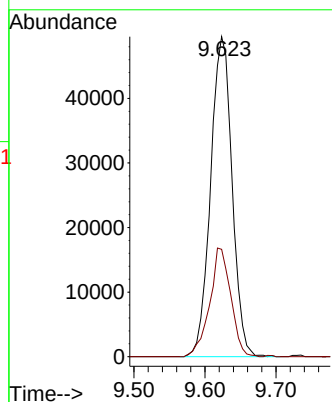
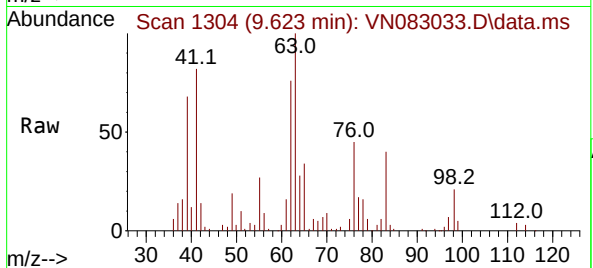
VSTDCCC050EC

Tgt Ion: 63 Resp: 103956

Ion Ratio Lower Upper

63 100

65 33.6 24.4 36.6



#46

Dibromomethane

Concen: 57.674 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

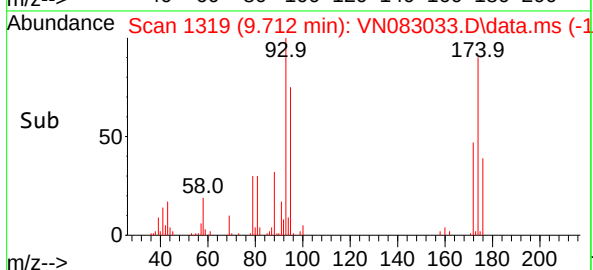
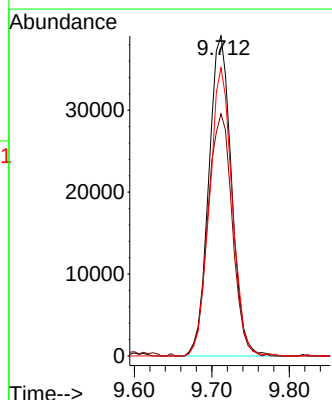
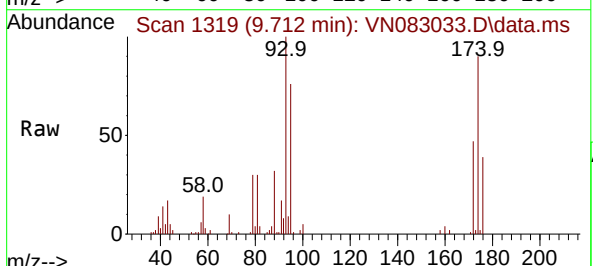
Tgt Ion: 93 Resp: 79771

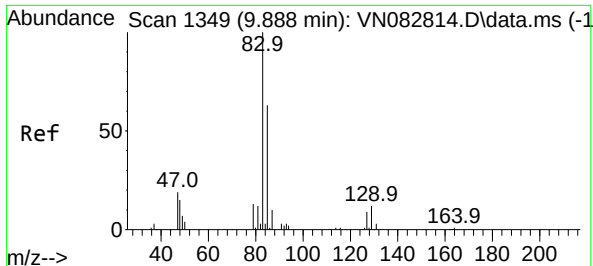
Ion Ratio Lower Upper

93 100

95 80.4 65.8 98.6

174 89.8 71.7 107.5

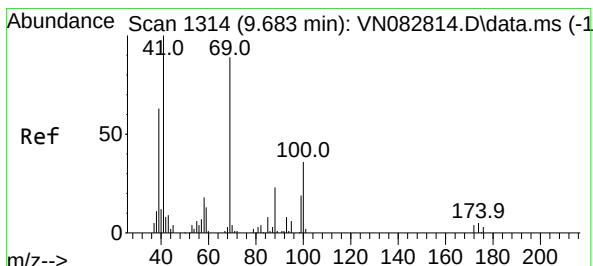
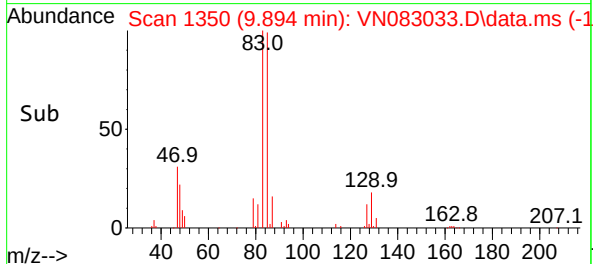
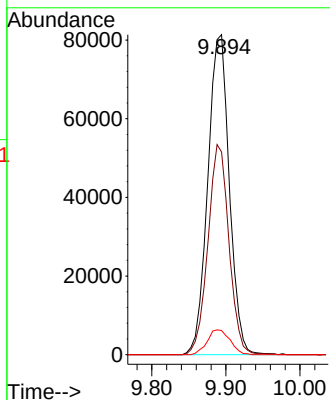
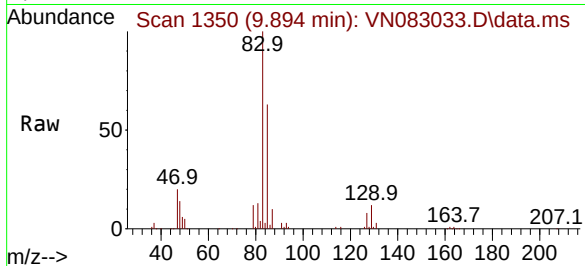




#47  
Bromodichloromethane  
Concen: 57.500 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

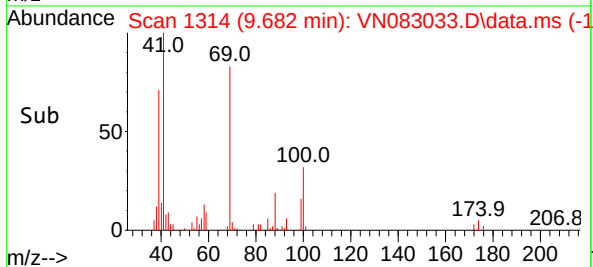
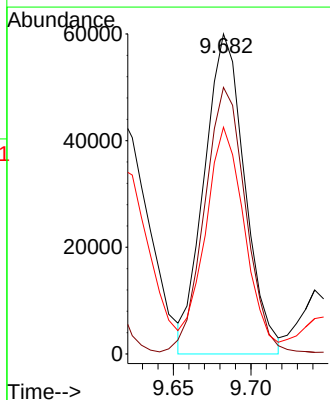
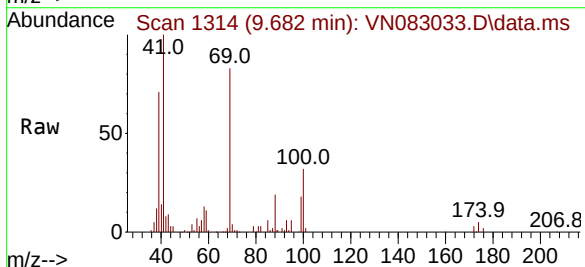
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

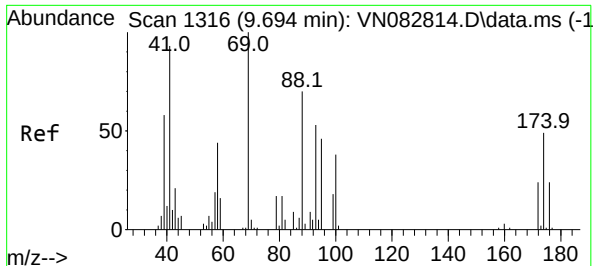
Tgt Ion: 83 Resp: 164328  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.1 76.7  
127 7.6 7.2 10.8



#48  
Methyl methacrylate  
Concen: 55.322 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 41 Resp: 109183  
Ion Ratio Lower Upper  
41 100  
69 85.6 56.3 84.5#  
39 69.2 50.3 75.5

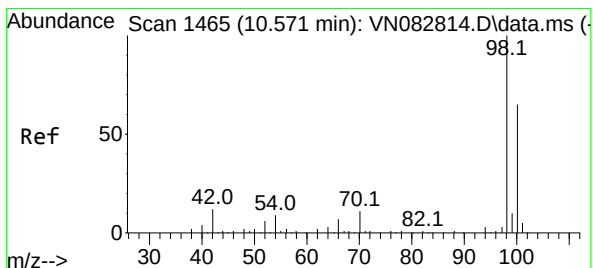
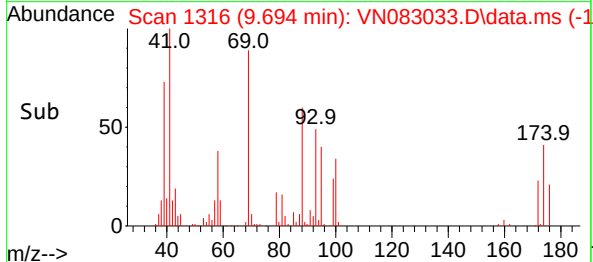
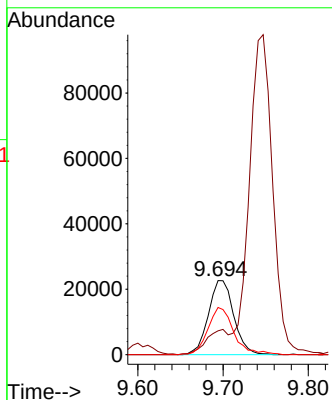
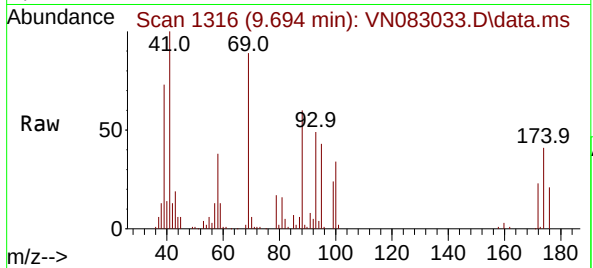




#49  
1,4-Dioxane  
Concen: 1094.688 ug/l  
RT: 9.694 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

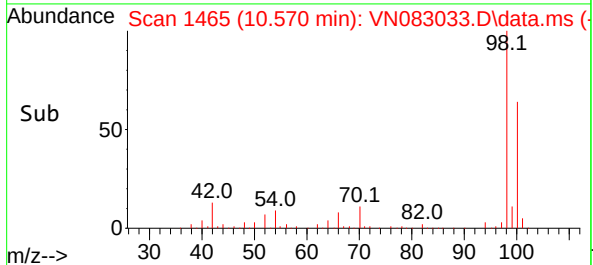
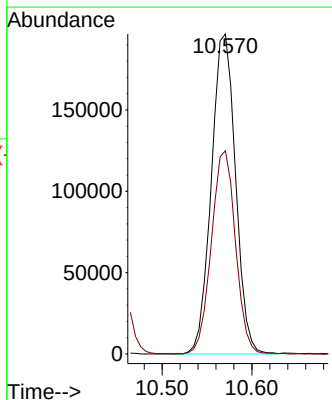
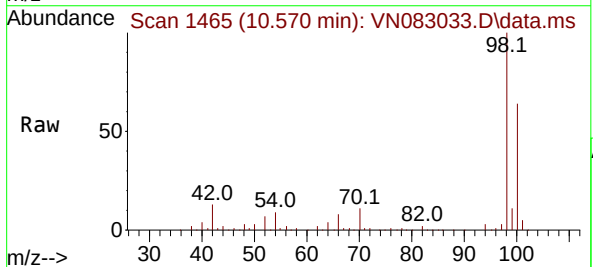
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

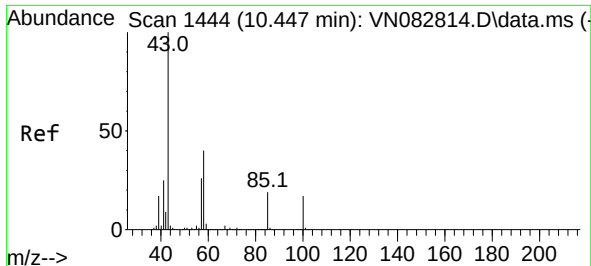
Tgt Ion: 88 Resp: 46890  
Ion Ratio Lower Upper  
88 100  
43 29.4 27.8 41.8  
58 65.1 59.4 89.0



#50  
Toluene-d8  
Concen: 55.613 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 98 Resp: 368319  
Ion Ratio Lower Upper  
98 100  
100 63.3 51.5 77.3

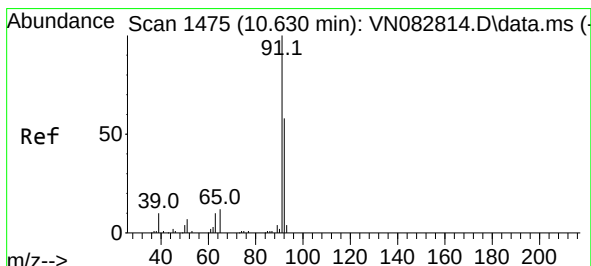
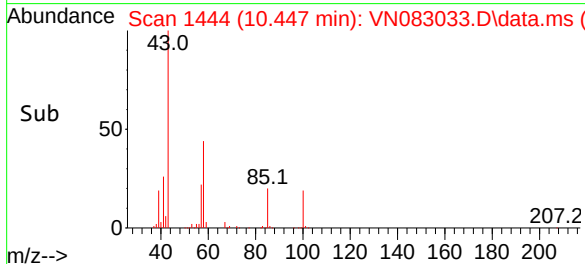
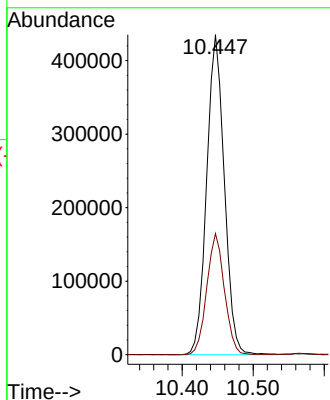
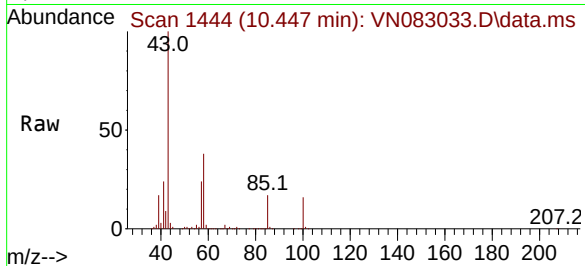




#51  
4-Methyl-2-Pentanone  
Concen: 301.066 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

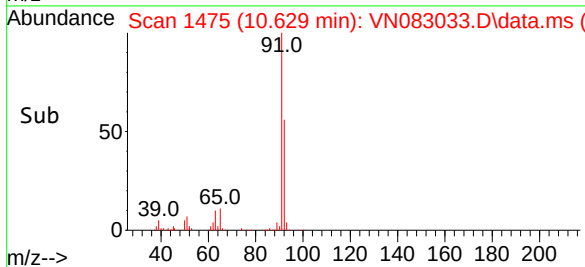
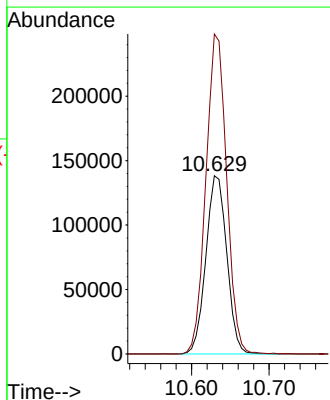
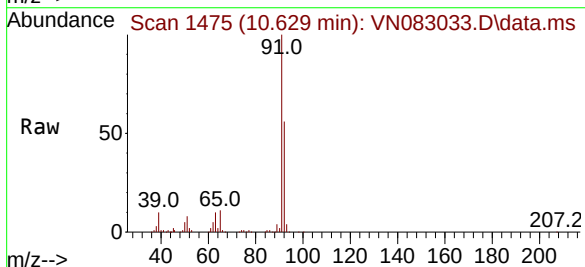
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

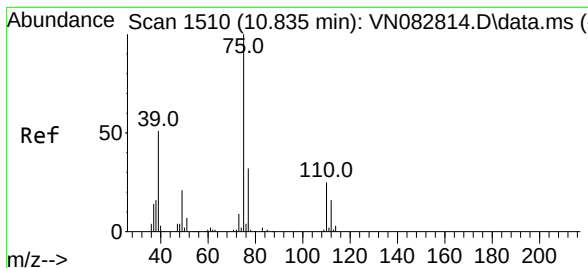
Tgt Ion: 43 Resp: 751243  
Ion Ratio Lower Upper  
43 100  
58 37.9 28.2 42.4



#52  
Toluene  
Concen: 54.562 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 92 Resp: 259192  
Ion Ratio Lower Upper  
92 100  
91 178.1 139.4 209.0

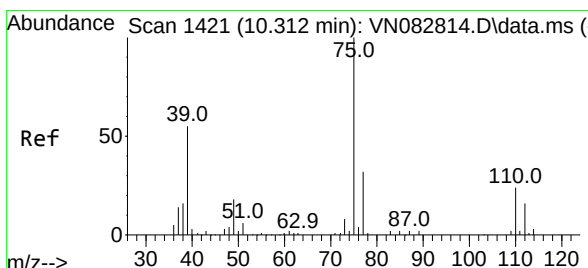
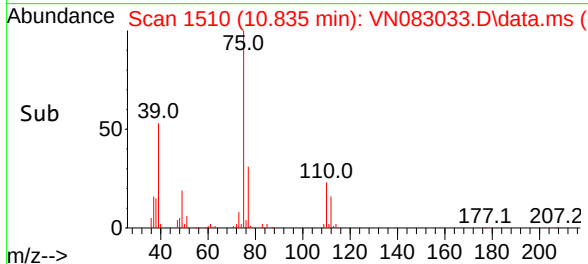
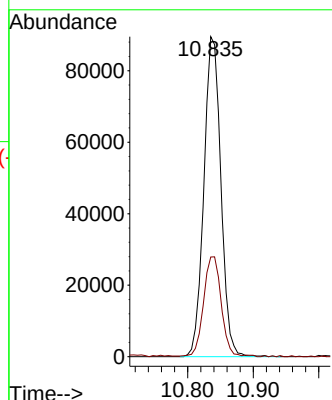
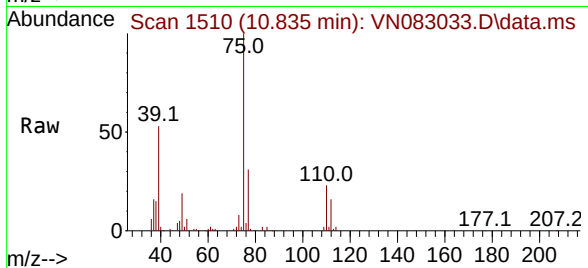




#53  
t-1,3-Dichloropropene  
Concen: 54.984 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

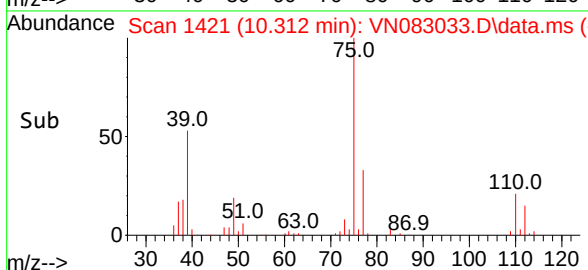
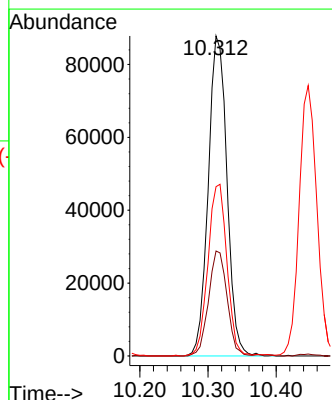
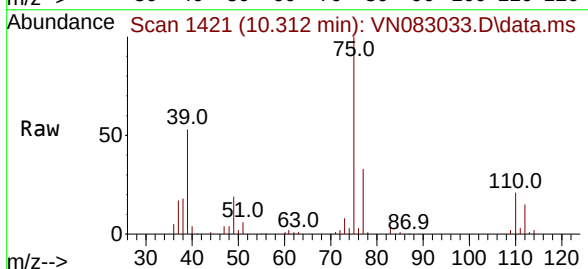
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

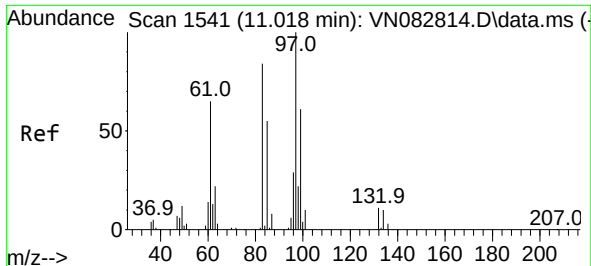
Tgt Ion: 75 Resp: 161879  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 53.909 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 75 Resp: 167998  
Ion Ratio Lower Upper  
75 100  
77 32.8 24.3 36.5  
39 52.9 50.5 75.7

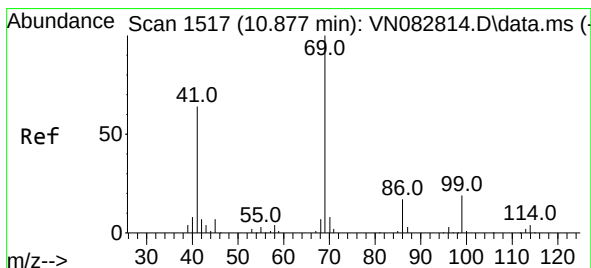
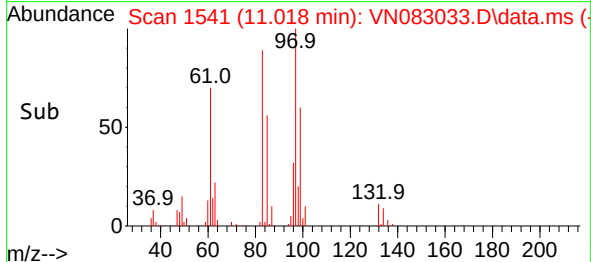
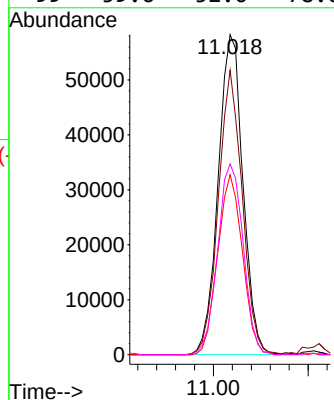
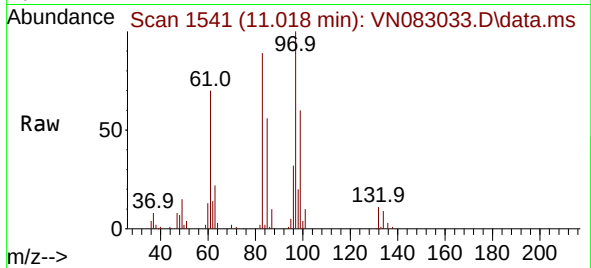




#55  
1,1,2-Trichloroethane  
Concen: 60.627 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.001 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

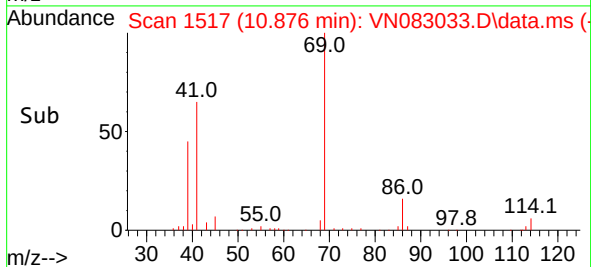
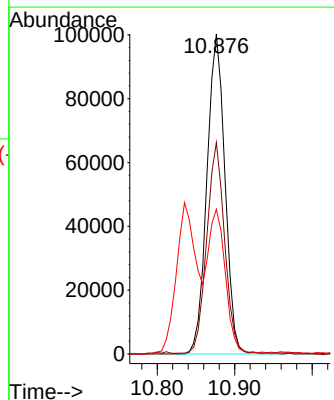
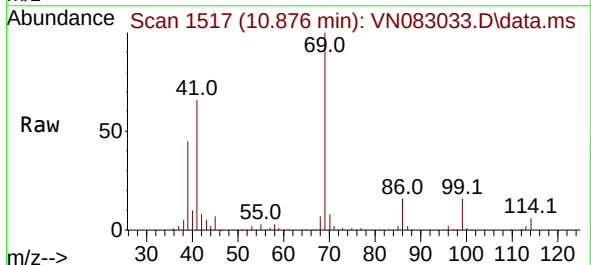
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 105905 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 88.9  | 71.4  | 107.0  |
| 85       | 56.2  | 45.8  | 68.6   |
| 99       | 59.6  | 52.0  | 78.0   |

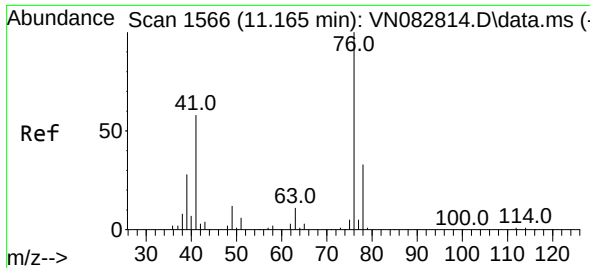


#56  
Ethyl methacrylate  
Concen: 59.573 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 161903 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 65.2  | 63.4  | 95.2   |
| 39       | 43.4  | 37.4  | 56.0   |



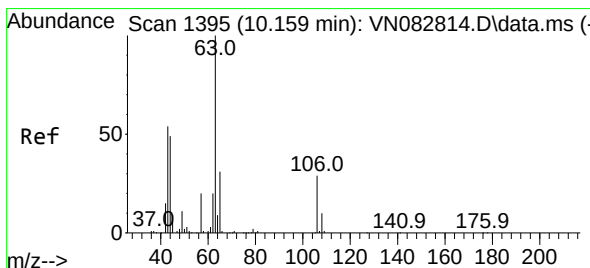
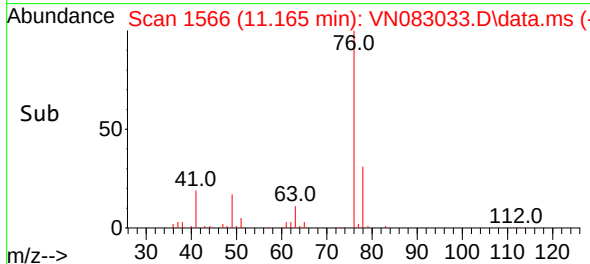
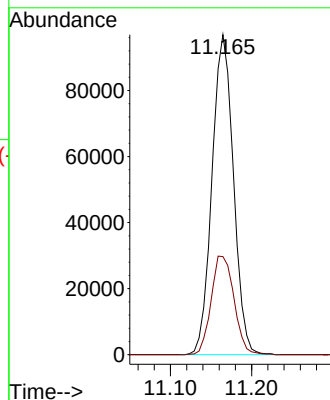
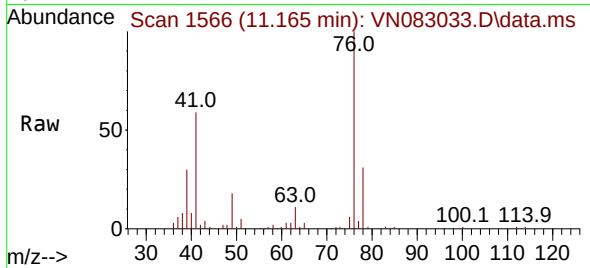




#57  
1,3-Dichloropropane  
Concen: 57.478 ug/l  
RT: 11.165 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

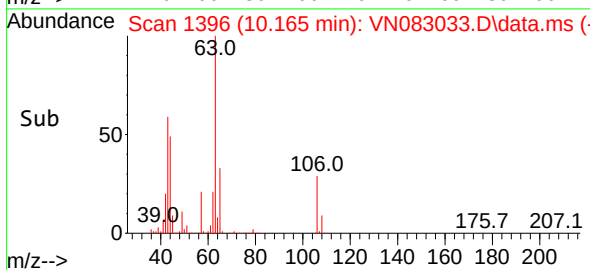
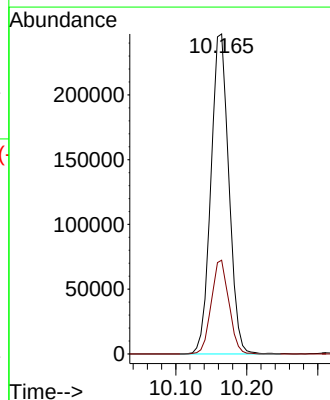
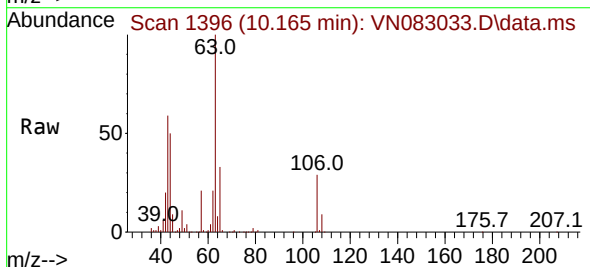
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

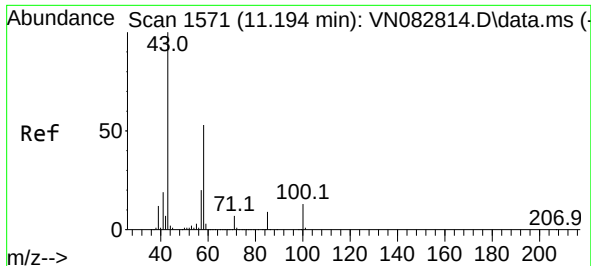
Tgt Ion: 76 Resp: 177728  
Ion Ratio Lower Upper  
76 100  
78 32.9 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 310.806 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 63 Resp: 433429  
Ion Ratio Lower Upper  
63 100  
106 28.6 21.4 32.0

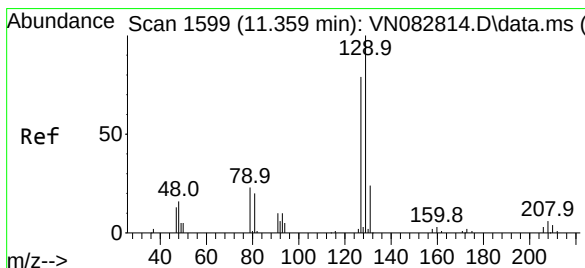
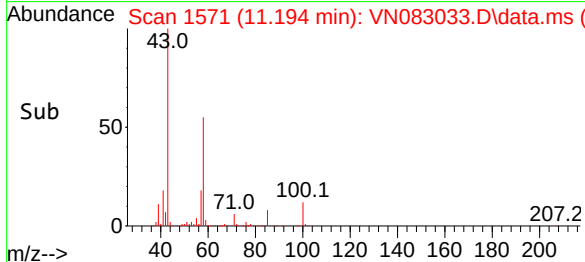
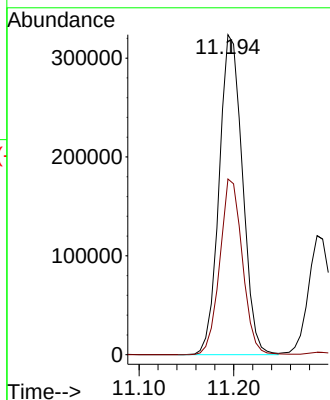
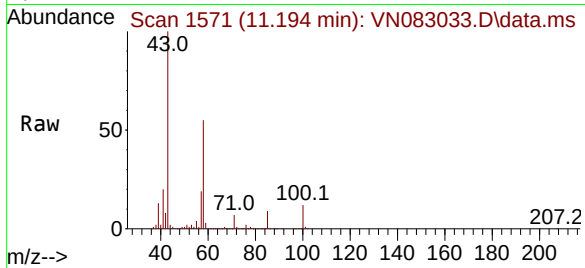




#59  
2-Hexanone  
Concen: 298.833 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

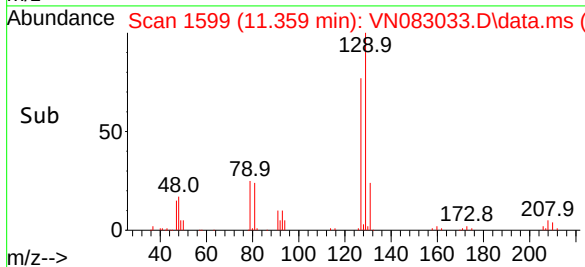
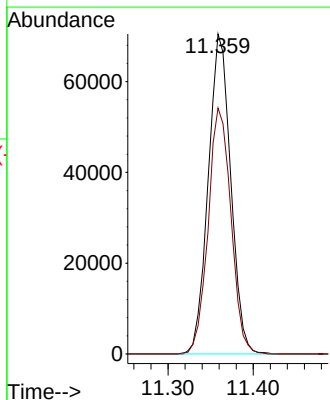
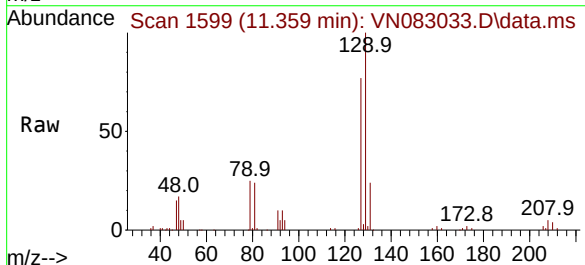
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

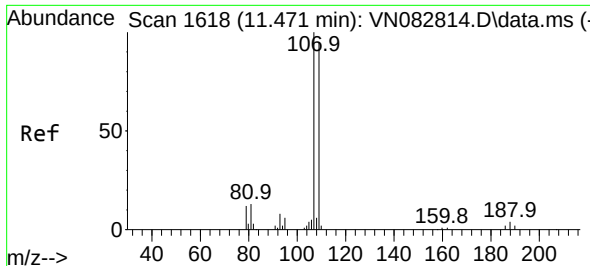
Tgt Ion: 43 Resp: 554393  
Ion Ratio Lower Upper  
43 100  
58 53.1 24.6 73.8



#60  
Dibromochloromethane  
Concen: 57.969 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:129 Resp: 128975  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.2 117.6

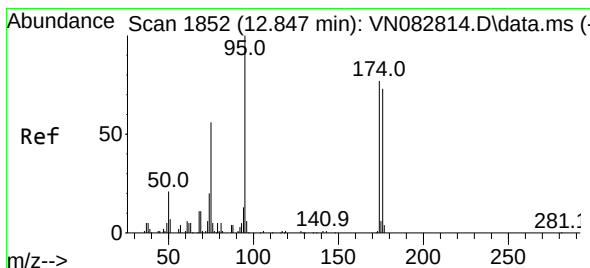
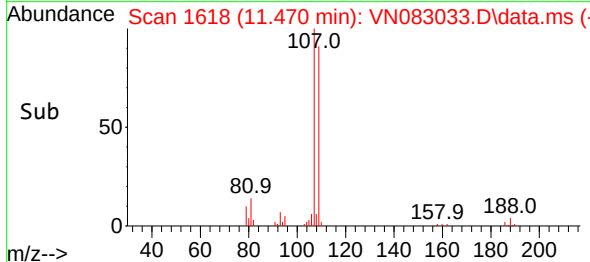
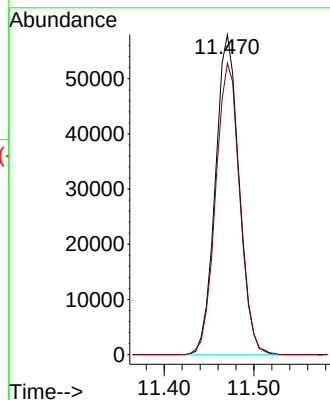
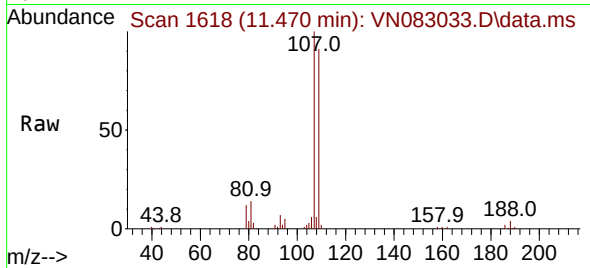




#61  
1,2-Dibromoethane  
Concen: 57.203 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

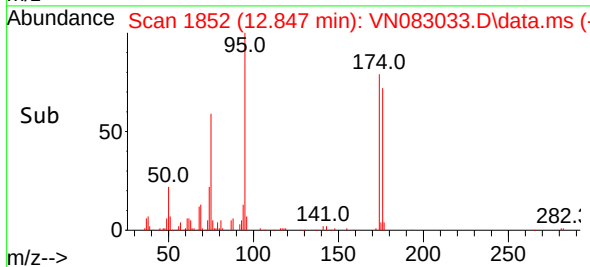
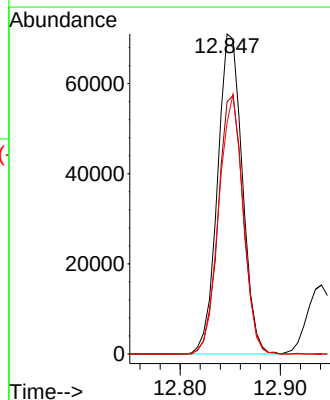
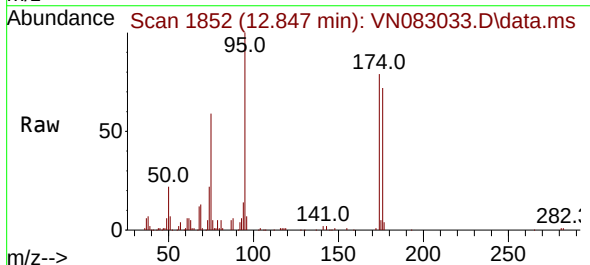
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

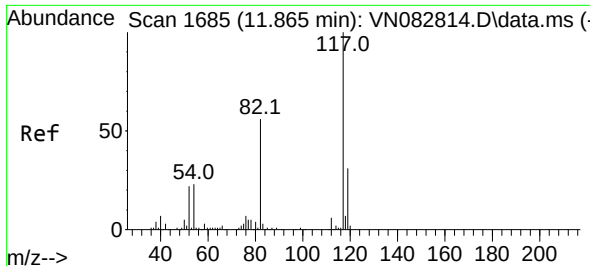
Tgt Ion:107 Resp: 106115  
Ion Ratio Lower Upper  
107 100  
109 93.0 73.7 110.5



#62  
4-Bromofluorobenzene  
Concen: 51.198 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 95 Resp: 121800  
Ion Ratio Lower Upper  
95 100  
174 81.3 0.0 159.2  
176 79.5 0.0 147.6

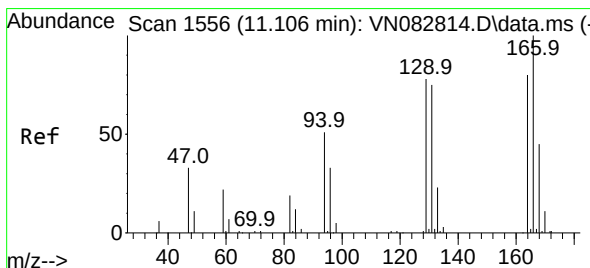
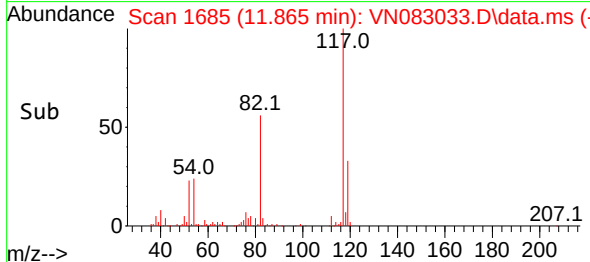
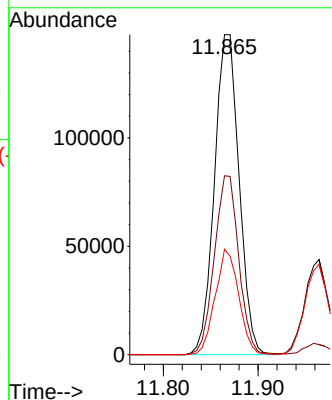
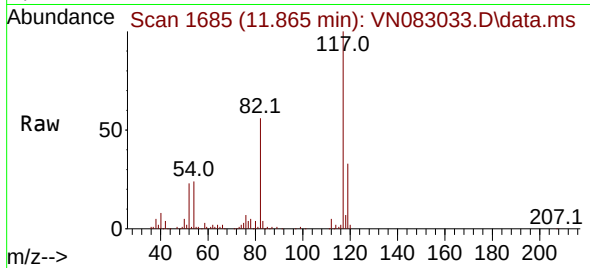




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1170  
Delta R.T. -0.005 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

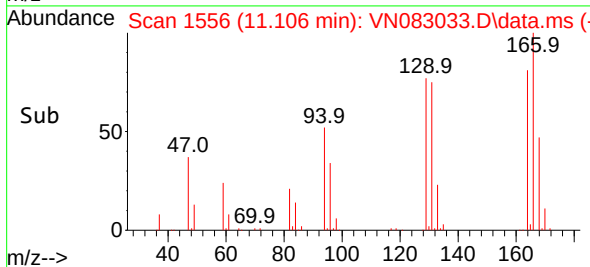
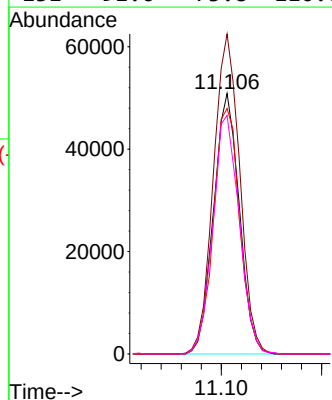
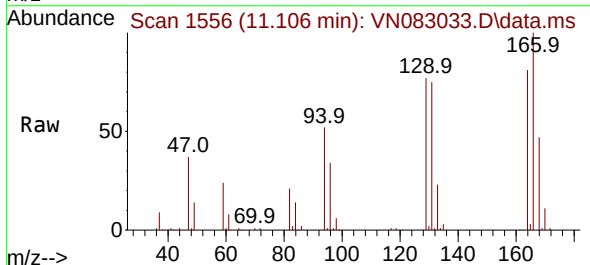
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

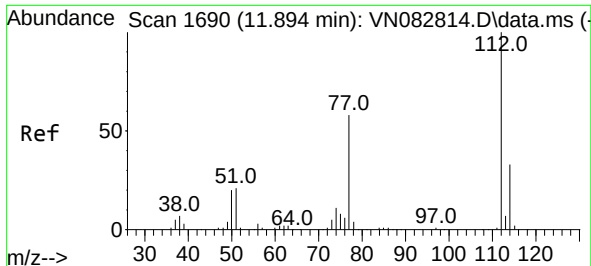
Tgt Ion:117 Resp: 267521  
Ion Ratio Lower Upper  
117 100  
82 55.9 47.5 71.3  
119 32.9 25.6 38.4



#64  
Tetrachloroethene  
Concen: 45.445 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:164 Resp: 90703  
Ion Ratio Lower Upper  
164 100  
166 122.8 101.4 152.0  
129 94.2 75.7 113.5  
131 91.6 73.8 110.6

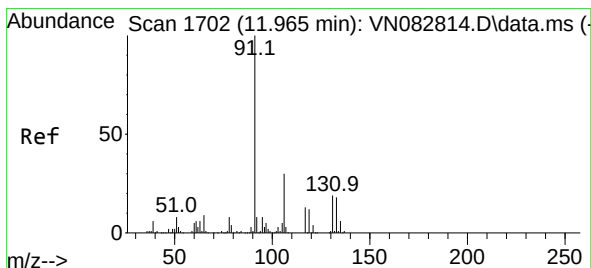
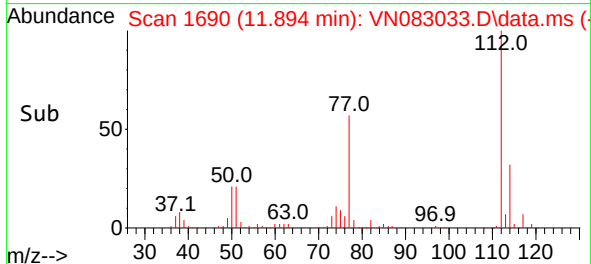
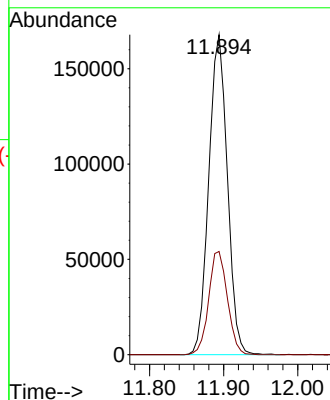
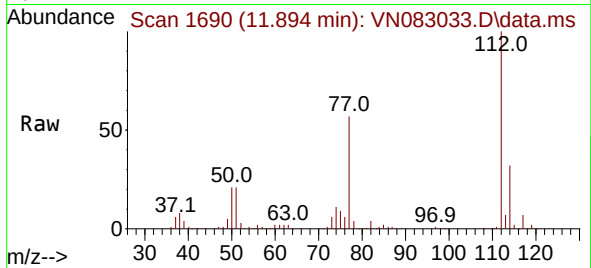




#65  
Chlorobenzene  
Concen: 50.955 ug/l  
RT: 11.894 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

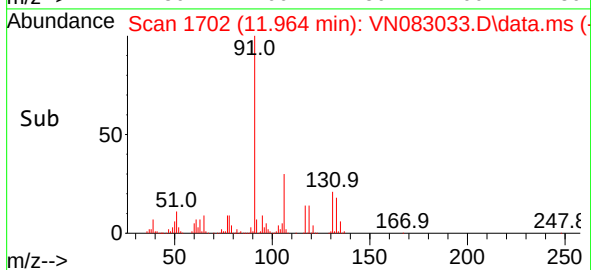
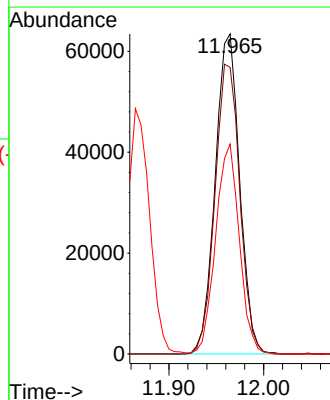
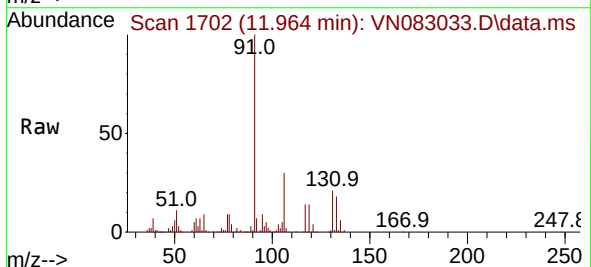
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

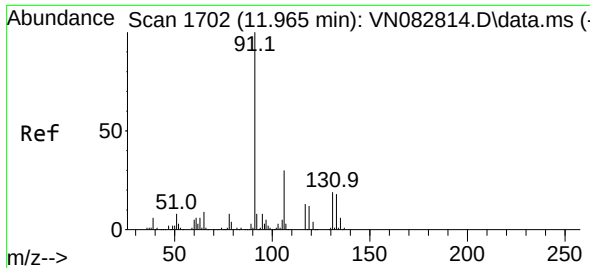
Tgt Ion:112 Resp: 292103  
Ion Ratio Lower Upper  
112 100  
114 32.3 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.759 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:131 Resp: 113696  
Ion Ratio Lower Upper  
131 100  
133 92.6 47.3 142.0  
119 63.7 32.5 97.4





#67

Ethyl Benzene

Concen: 51.372 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

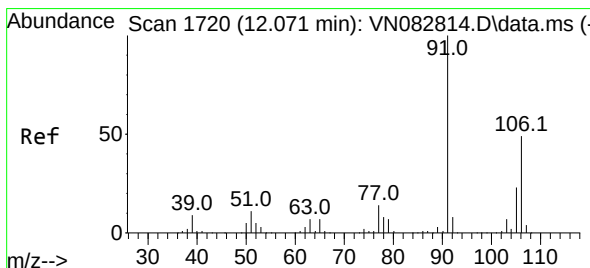
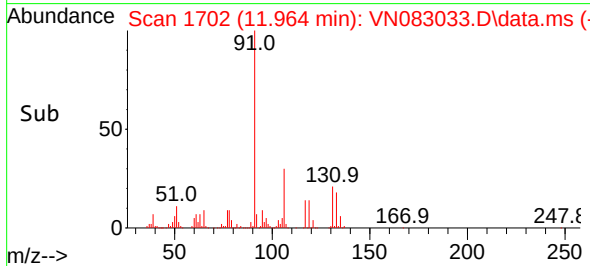
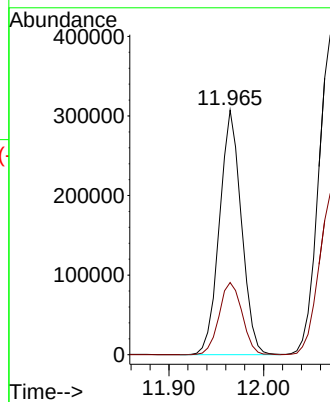
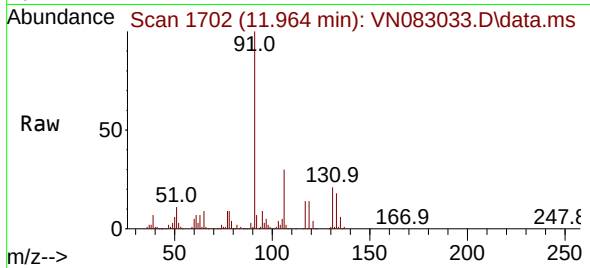
VSTDCCC050EC

Tgt Ion: 91 Resp: 494952

Ion Ratio Lower Upper

91 100

106 29.5 24.0 36.0



#68

m/p-Xylenes

Concen: 106.855 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN083033.D

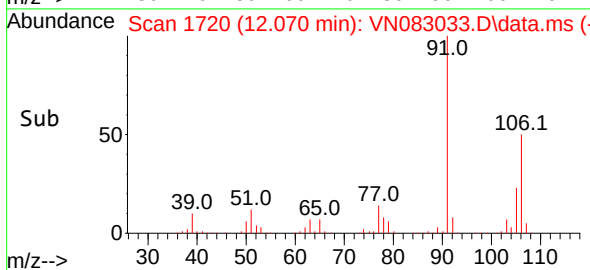
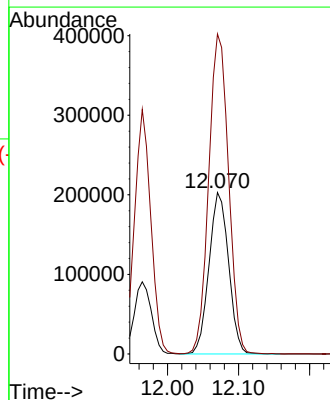
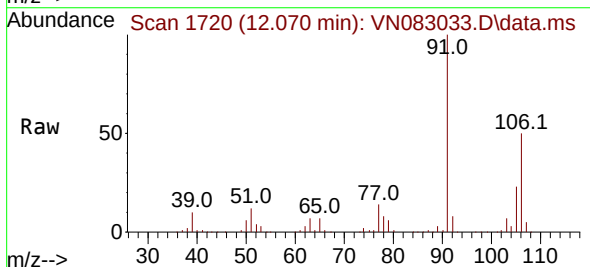
Acq: 24 Jul 2024 16:55

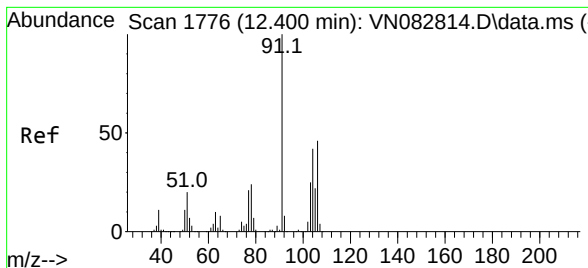
Tgt Ion:106 Resp: 388681

Ion Ratio Lower Upper

106 100

91 200.7 166.1 249.1

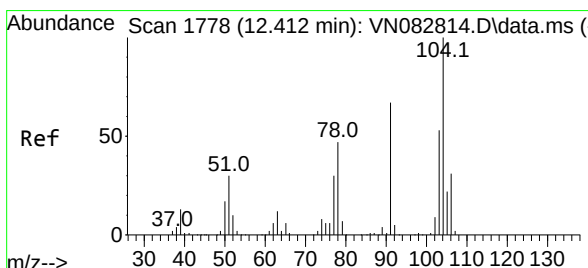
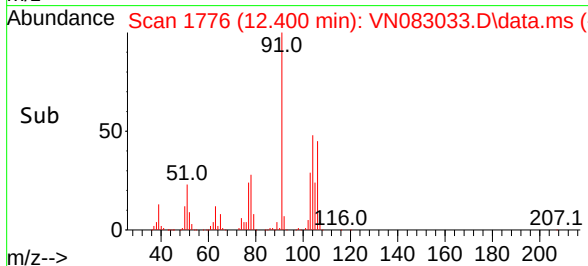
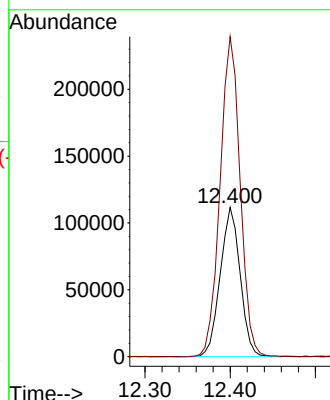
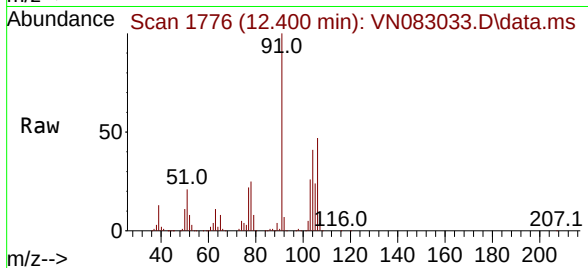




#69  
o-Xylene  
Concen: 52.099 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

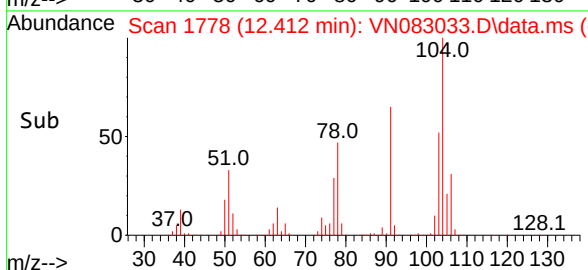
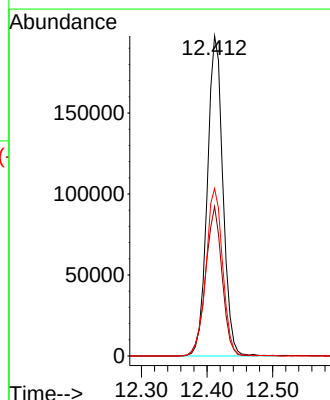
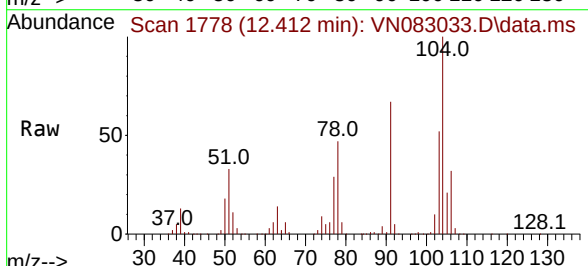
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

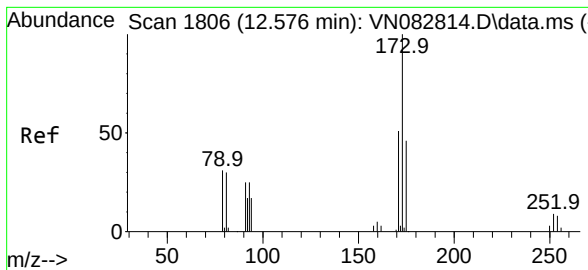
Tgt Ion:106 Resp: 181584  
Ion Ratio Lower Upper  
106 100  
91 216.6 111.3 333.9



#70  
Styrene  
Concen: 56.844 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:104 Resp: 327353  
Ion Ratio Lower Upper  
104 100  
78 49.2 41.6 62.4  
103 55.9 44.0 66.0

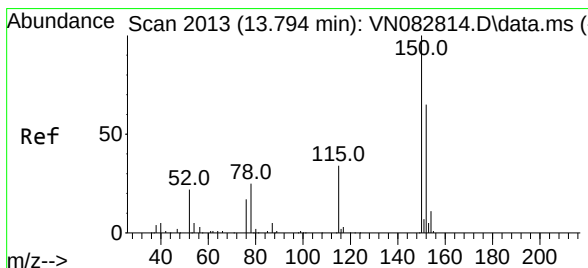
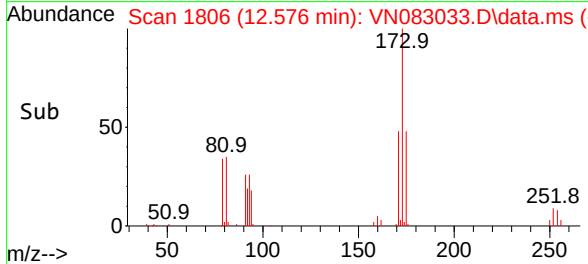
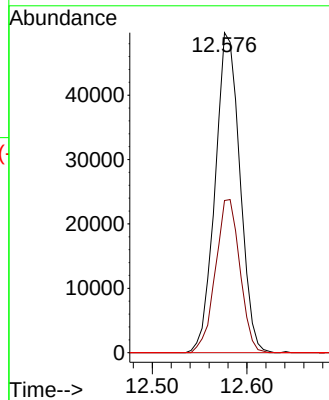
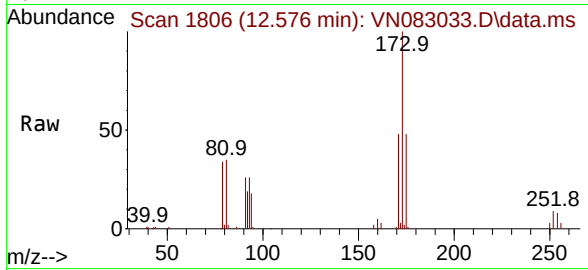




#71  
Bromoform  
Concen: 56.294 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

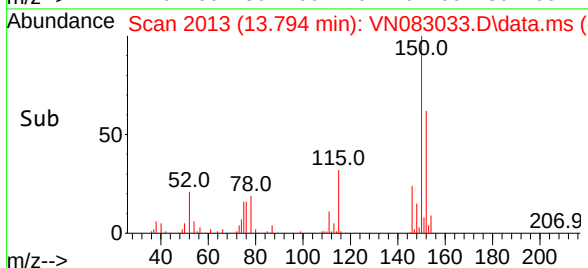
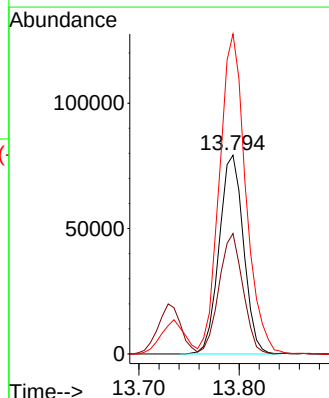
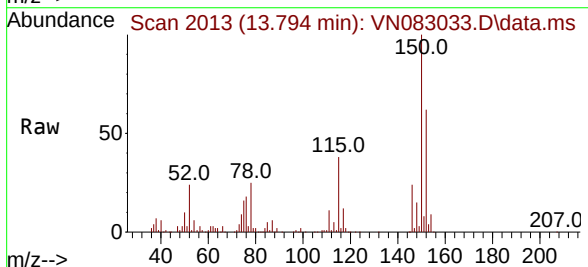
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 90273  
Ion Ratio Lower Upper  
173 100  
175 47.3 24.0 72.0  
254 0.0 0.0 0.0

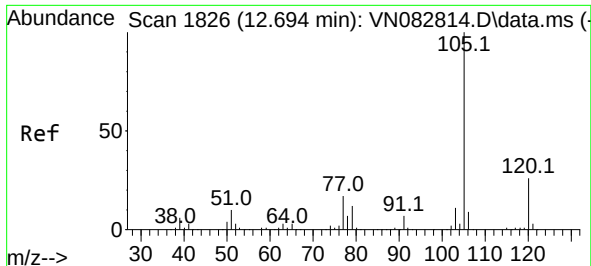


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:152 Resp: 133662  
Ion Ratio Lower Upper  
152 100  
115 59.5 30.6 91.6  
150 173.8 0.0 348.6



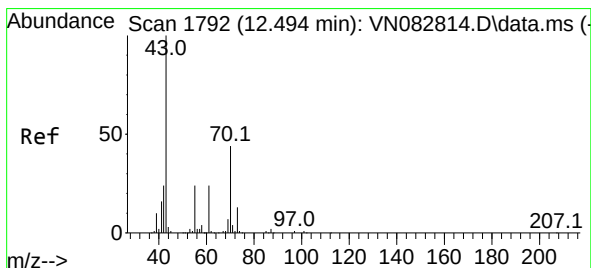
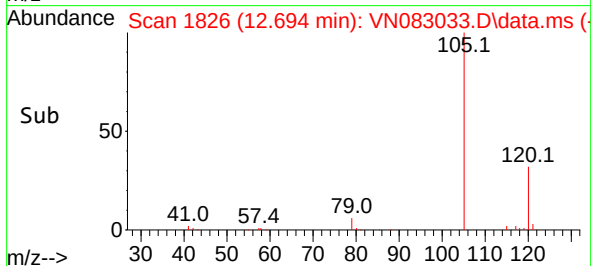
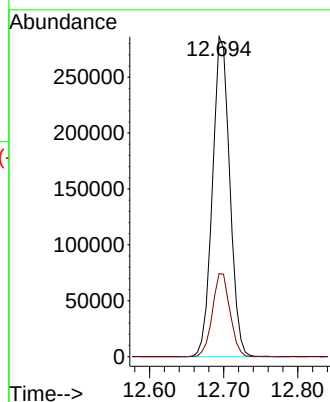
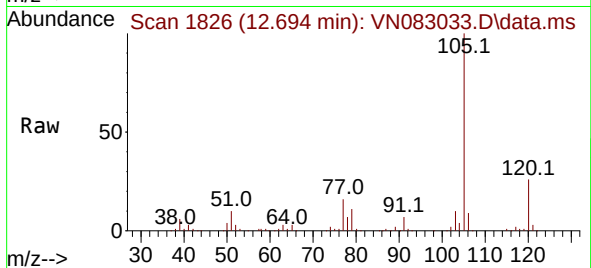




#73  
Isopropylbenzene  
Concen: 47.815 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

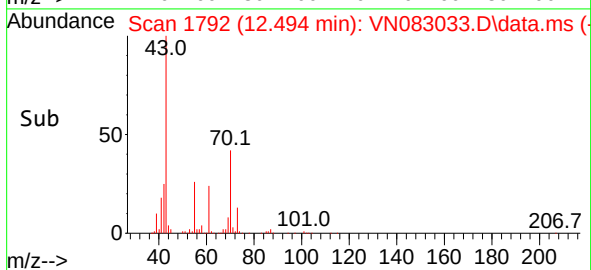
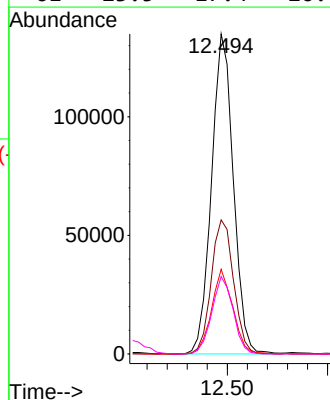
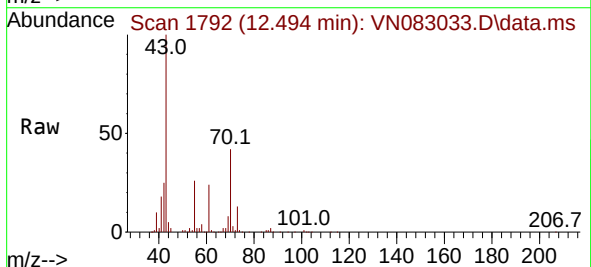
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

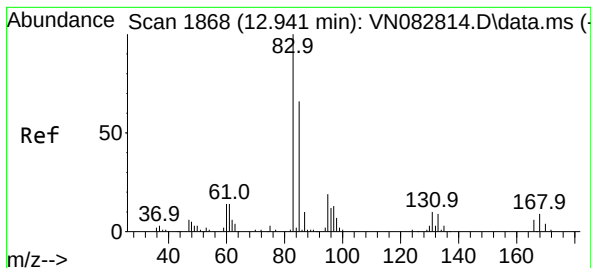
Tgt Ion:105 Resp: 464402  
Ion Ratio Lower Upper  
105 100  
120 26.4 12.9 38.6



#74  
N-ethyl acetate  
Concen: 50.734 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 43 Resp: 203822  
Ion Ratio Lower Upper  
43 100  
70 42.9 29.8 44.6  
55 25.7 18.7 28.1  
61 23.5 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.412 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

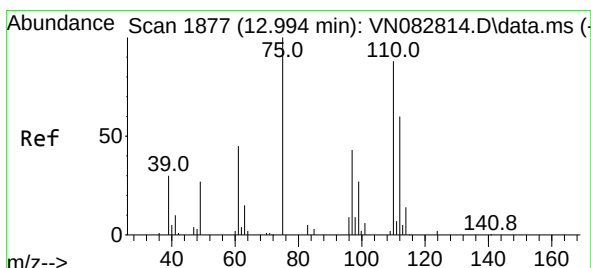
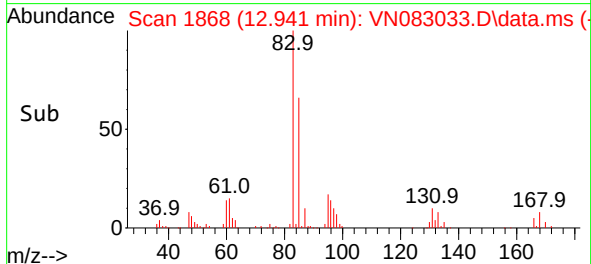
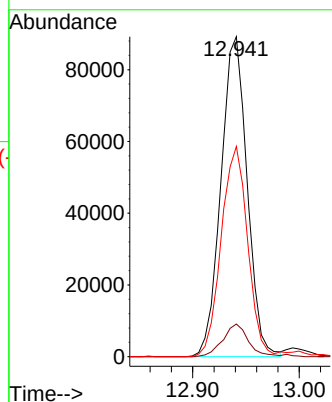
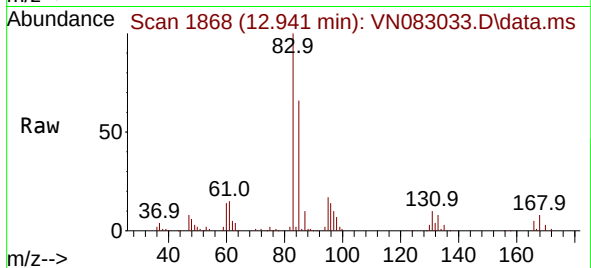
Tgt Ion: 83 Resp: 152457

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 65.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 88.658 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN083033.D

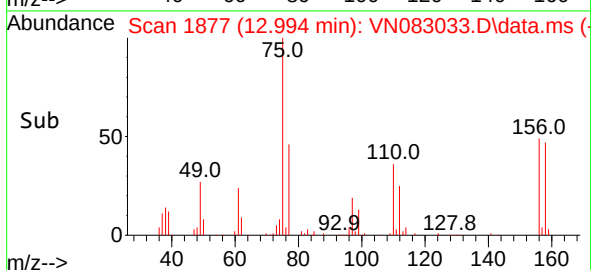
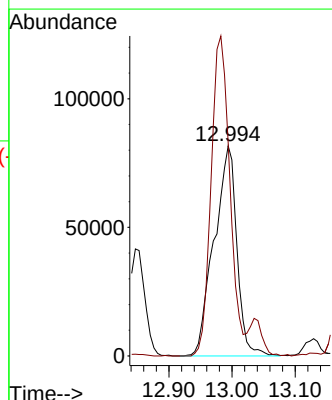
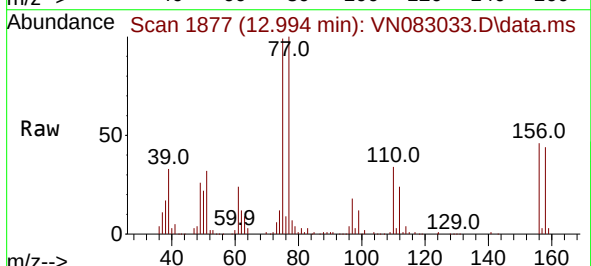
Acq: 24 Jul 2024 16:55

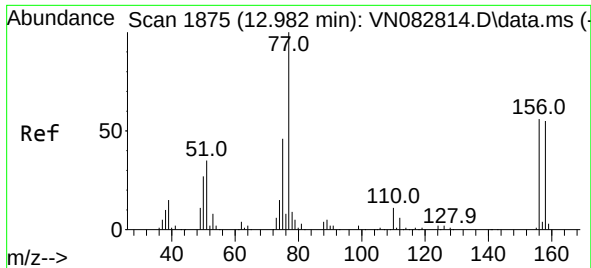
Tgt Ion: 75 Resp: 204304

Ion Ratio Lower Upper

75 100

77 126.2 110.9 332.6

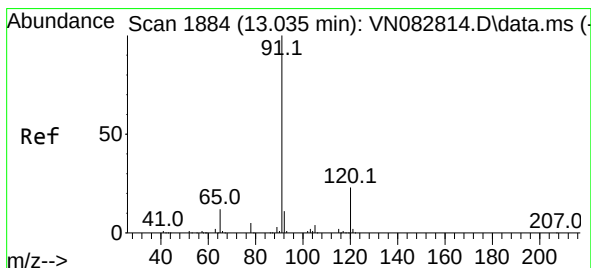
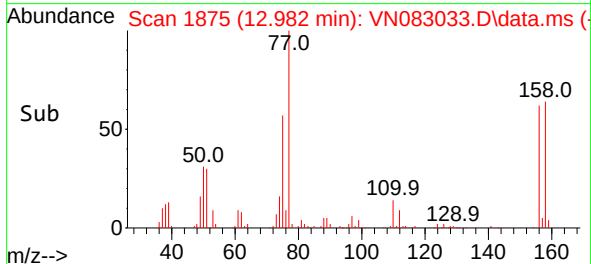
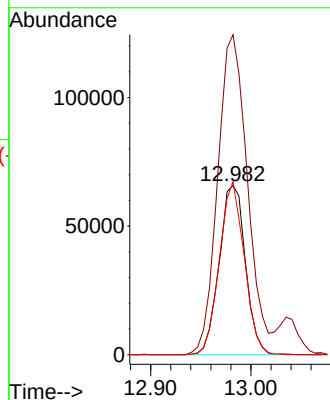
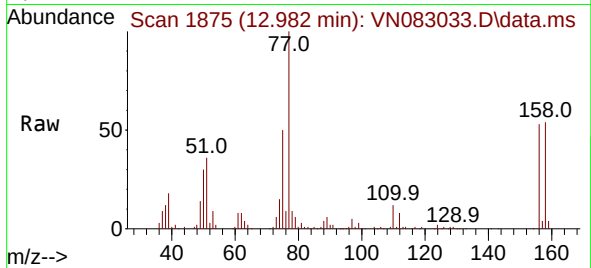




#77  
Bromobenzene  
Concen: 47.617 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

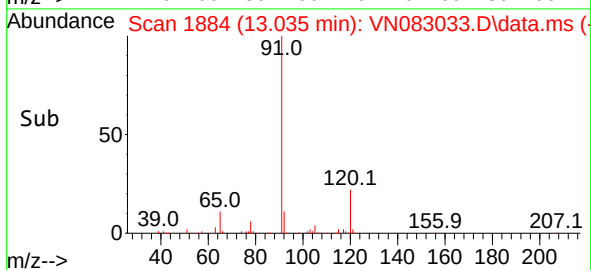
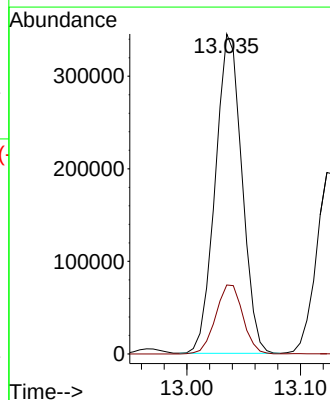
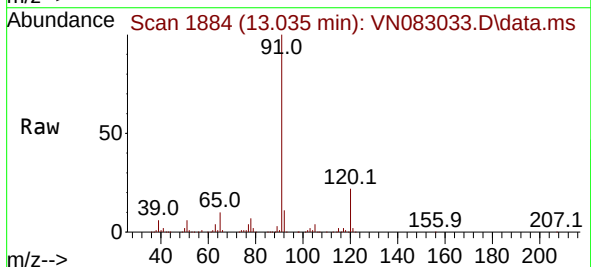
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

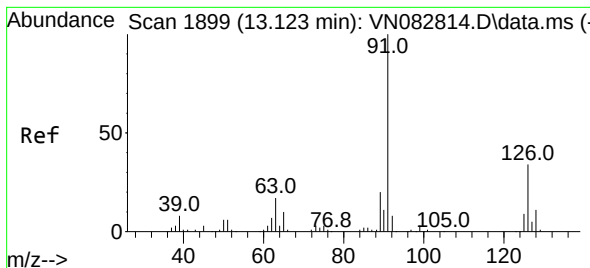
Tgt Ion:156 Resp: 119311  
Ion Ratio Lower Upper  
156 100  
77 216.1 111.3 333.8  
158 97.0 48.3 144.9



#78  
n-propylbenzene  
Concen: 50.370 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 91 Resp: 562488  
Ion Ratio Lower Upper  
91 100  
120 22.0 10.9 32.9

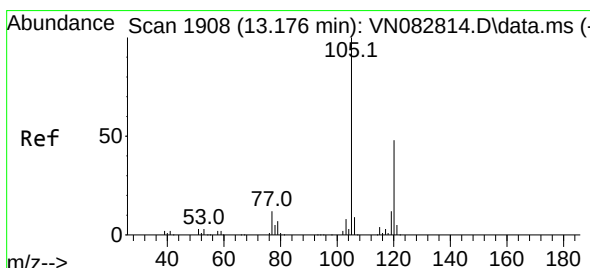
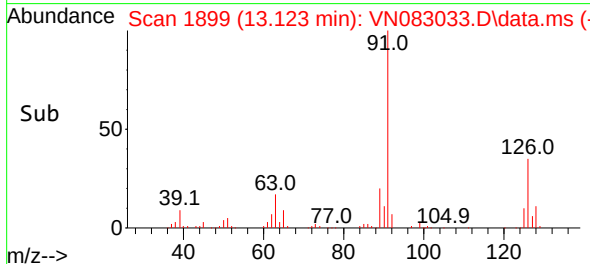
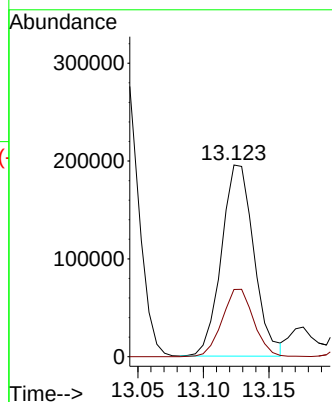
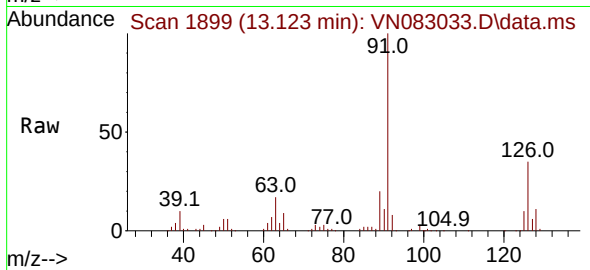




#79  
2-Chlorotoluene  
Concen: 47.397 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

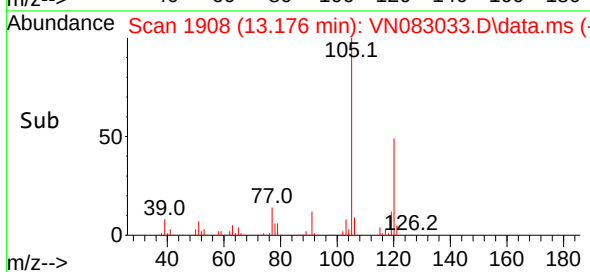
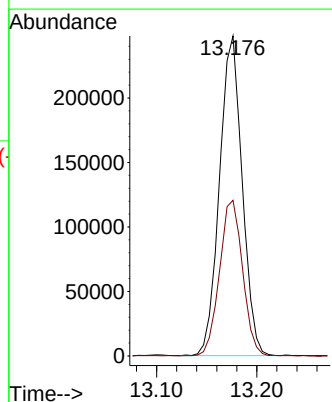
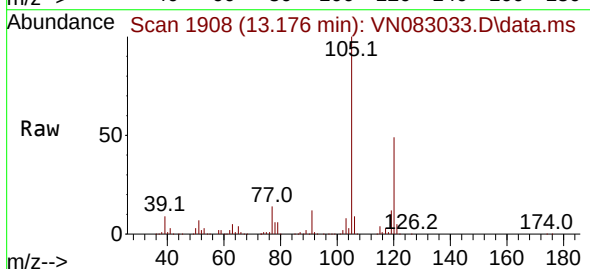
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

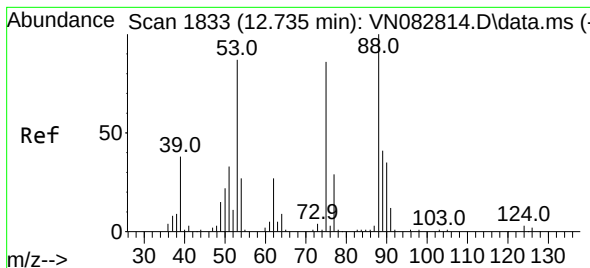
Tgt Ion: 91 Resp: 337243  
Ion Ratio Lower Upper  
91 100  
126 34.3 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 49.440 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 105 Resp: 388147  
Ion Ratio Lower Upper  
105 100  
120 49.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.109 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

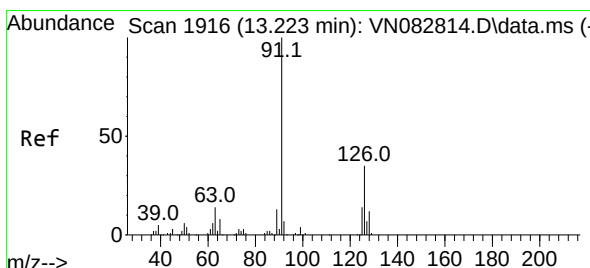
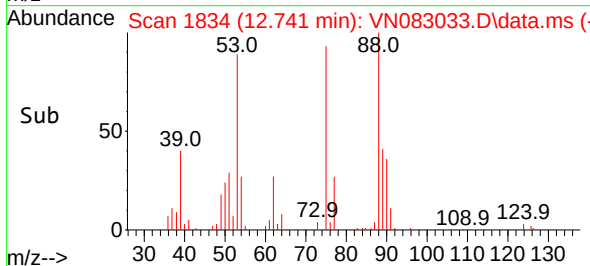
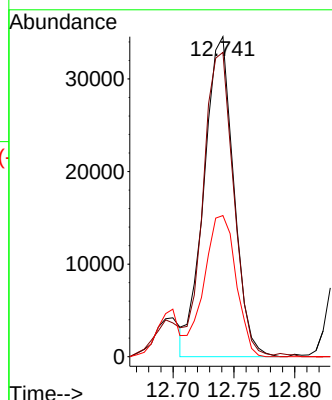
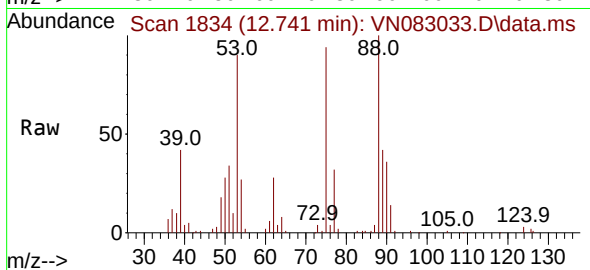
Tgt Ion: 75 Resp: 58713

Ion Ratio Lower Upper

75 100

53 96.6 88.4 132.6

89 46.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 47.656 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.000 min

Lab File: VN083033.D

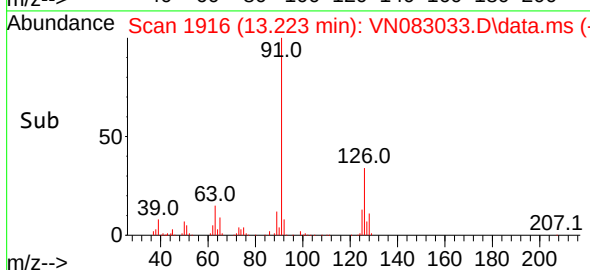
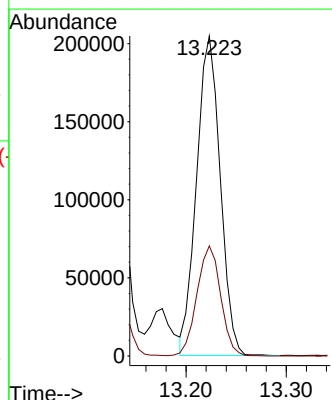
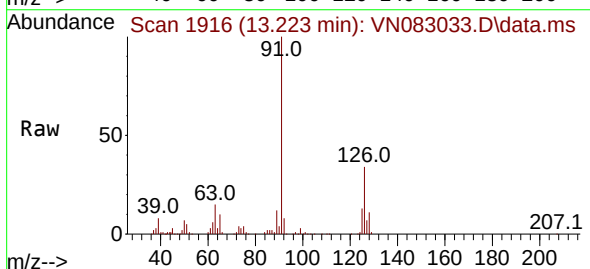
Acq: 24 Jul 2024 16:55

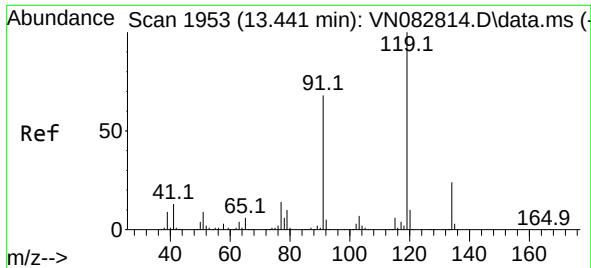
Tgt Ion: 91 Resp: 335627

Ion Ratio Lower Upper

91 100

126 34.6 16.2 48.6

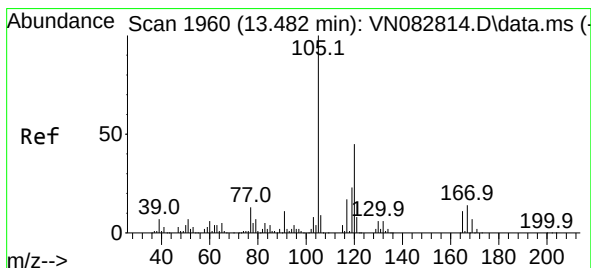
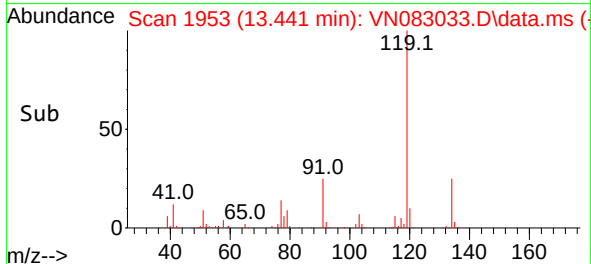
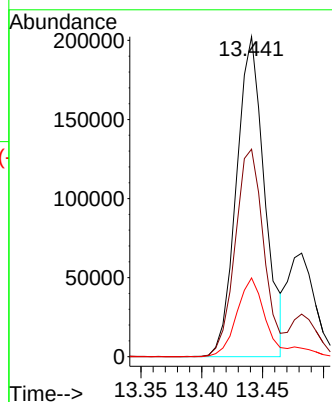
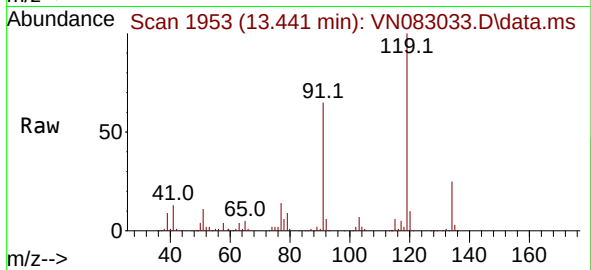




#83  
 tert-Butylbenzene  
 Concen: 46.761 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. -0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

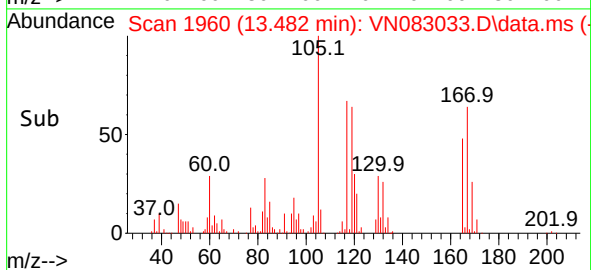
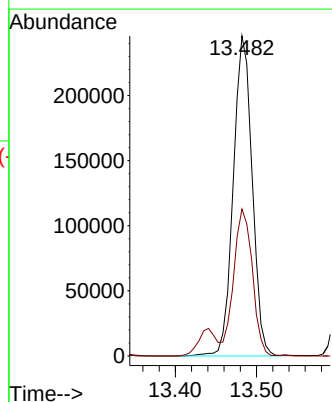
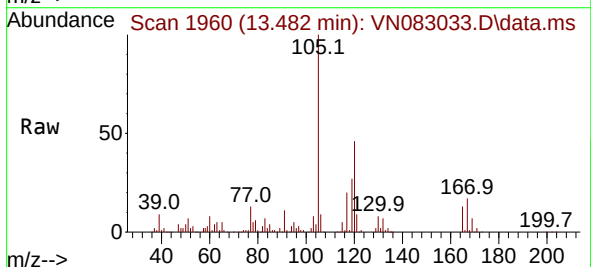
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

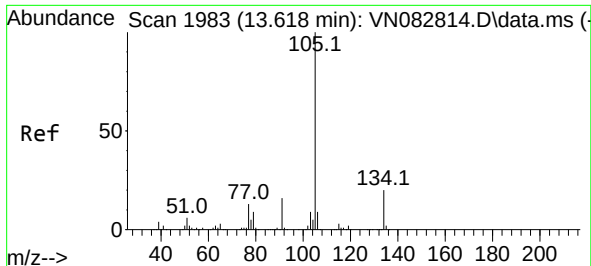
Tgt Ion:119 Resp: 325465  
 Ion Ratio Lower Upper  
 119 100  
 91 65.9 35.0 105.1  
 134 24.6 13.3 39.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.596 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

Tgt Ion:105 Resp: 396859  
 Ion Ratio Lower Upper  
 105 100  
 120 46.0 21.9 65.8

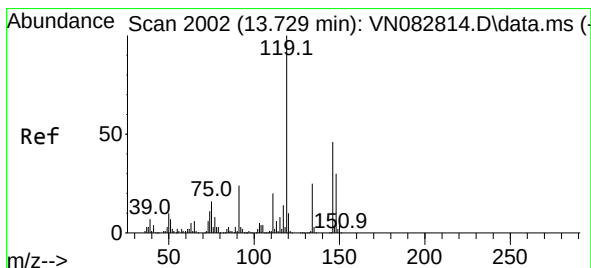
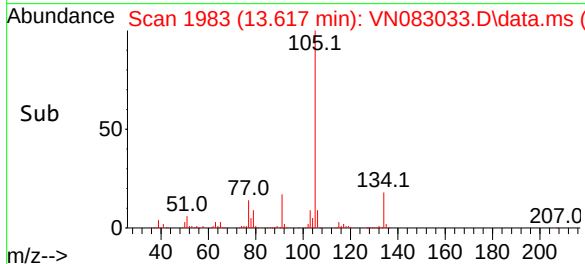
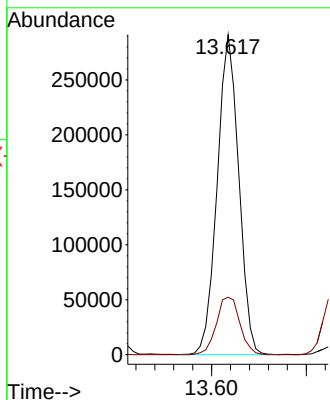
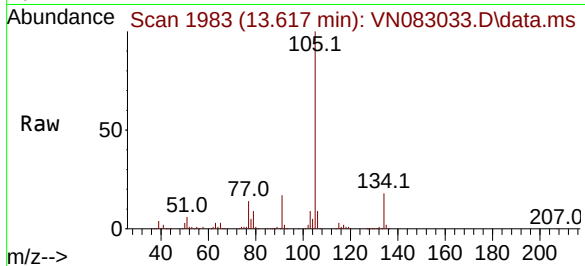




#85  
sec-Butylbenzene  
Concen: 48.948 ug/l  
RT: 13.617 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

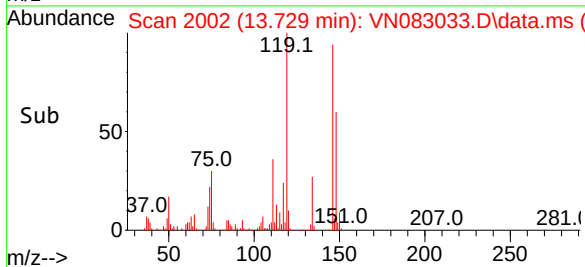
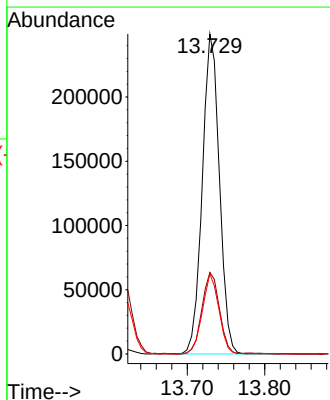
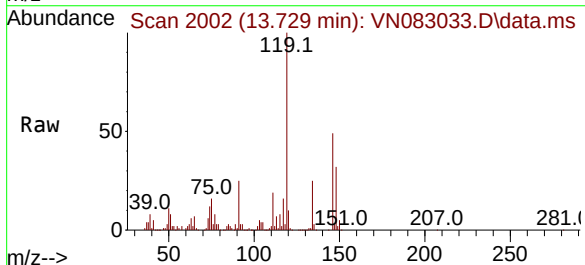
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

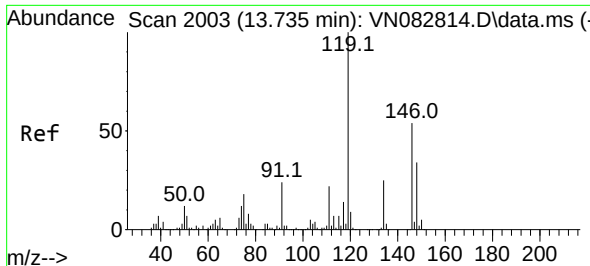
Tgt Ion:105 Resp: 460380  
Ion Ratio Lower Upper  
105 100  
134 19.6 9.8 29.3



#86  
p-Isopropyltoluene  
Concen: 48.646 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:119 Resp: 381736  
Ion Ratio Lower Upper  
119 100  
134 26.0 13.0 39.0  
91 24.2 12.3 36.9

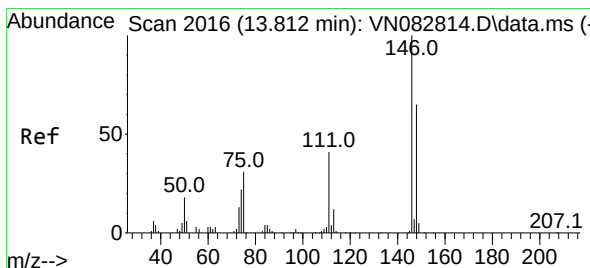
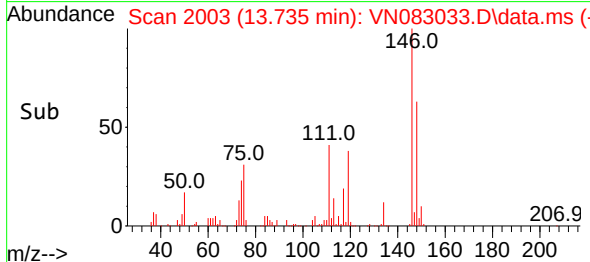
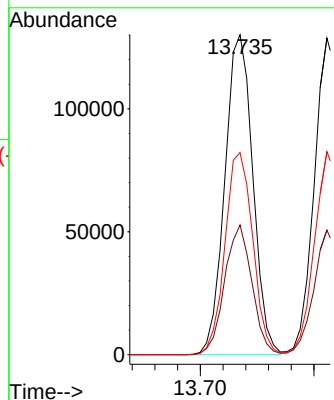
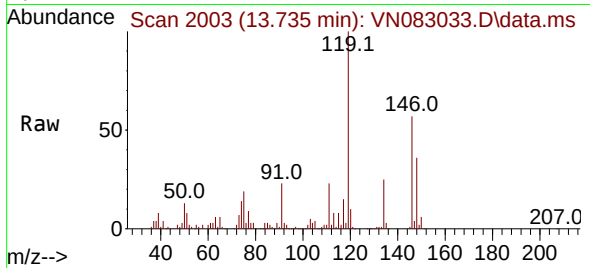




#87  
 1,3-Dichlorobenzene  
 Concen: 49.212 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. -0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

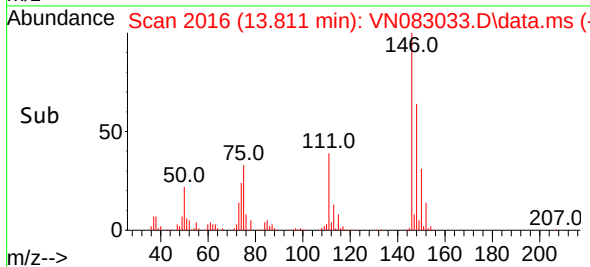
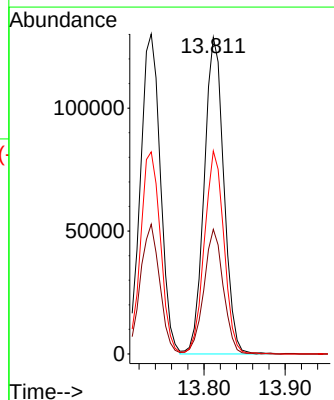
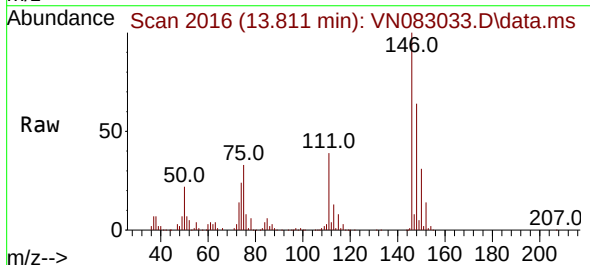
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:146 Resp: 222752  
 Ion Ratio Lower Upper  
 146 100  
 111 39.5 20.6 61.9  
 148 62.9 31.8 95.3

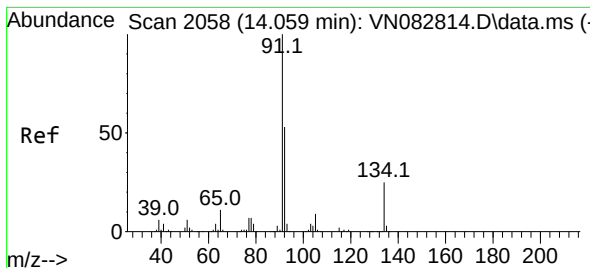


#88  
 1,4-Dichlorobenzene  
 Concen: 46.161 ug/l  
 RT: 13.811 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN083033.D  
 Acq: 24 Jul 2024 16:55

Tgt Ion:146 Resp: 216085  
 Ion Ratio Lower Upper  
 146 100  
 111 38.9 20.1 60.3  
 148 63.9 32.2 96.6







#89

n-Butylbenzene

Concen: 46.272 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

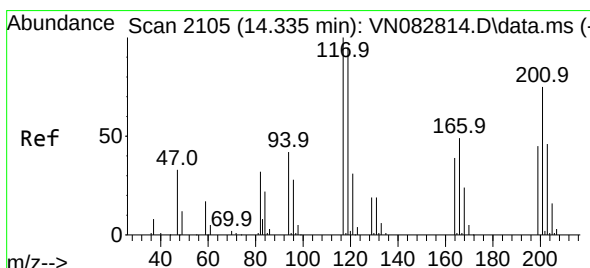
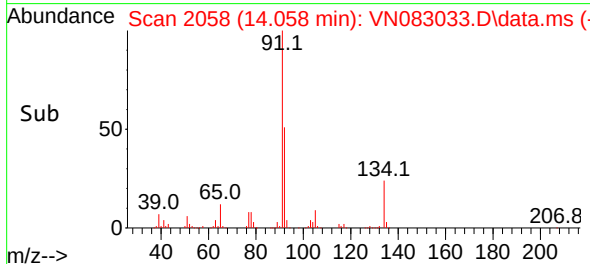
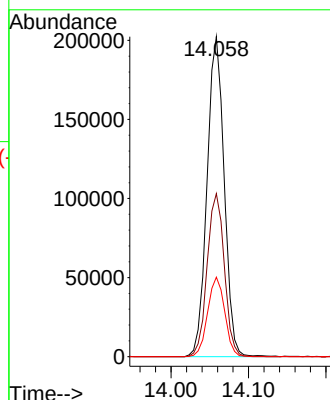
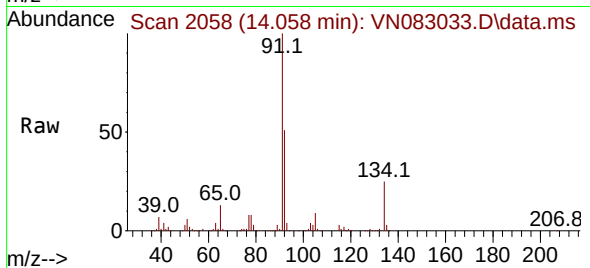
Tgt Ion: 91 Resp: 311080

Ion Ratio Lower Upper

91 100

92 51.0 26.1 78.3

134 24.8 12.1 36.3



#90

Hexachloroethane

Concen: 47.176 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN083033.D

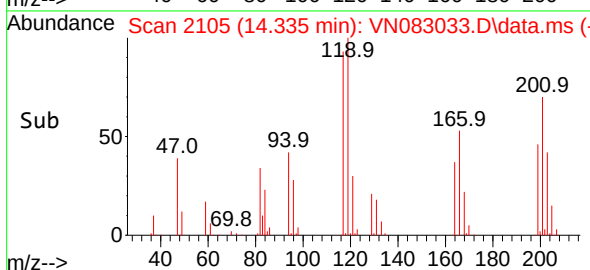
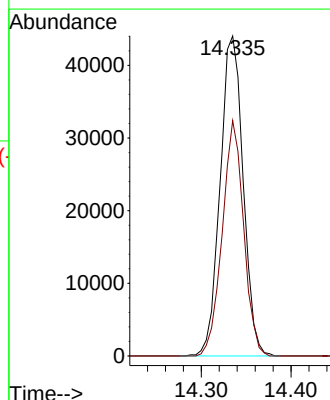
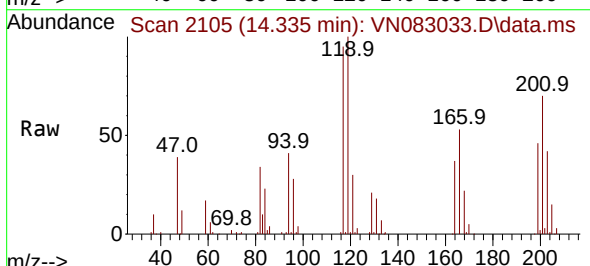
Acq: 24 Jul 2024 16:55

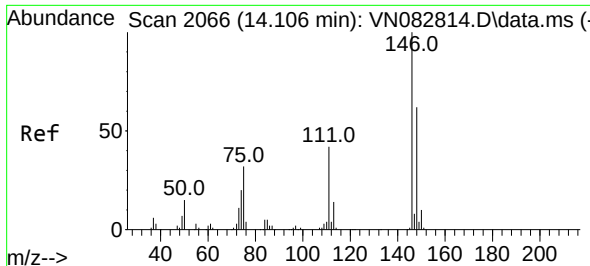
Tgt Ion: 117 Resp: 78333

Ion Ratio Lower Upper

117 100

201 68.3 35.8 107.3

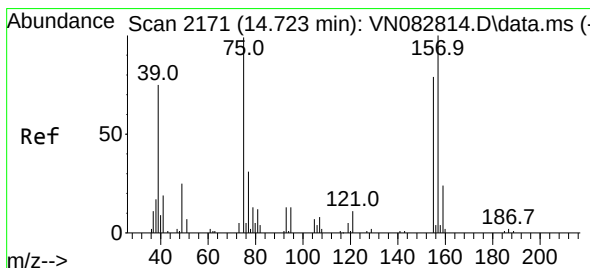
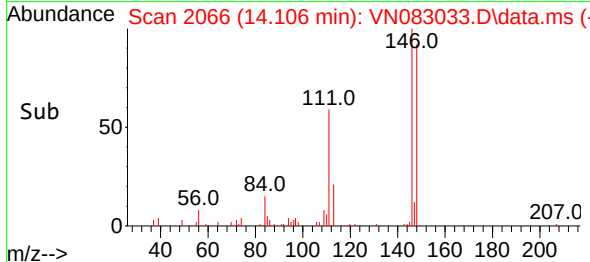
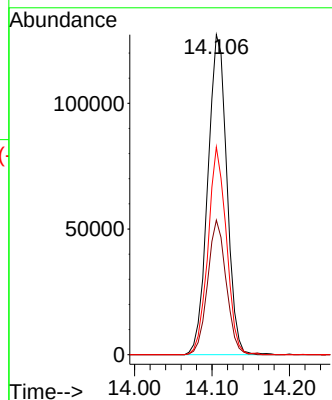
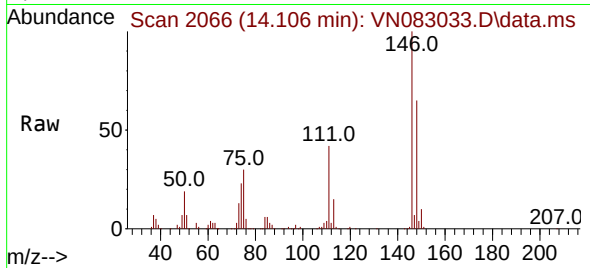




#91  
1,2-Dichlorobenzene  
Concen: 49.398 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

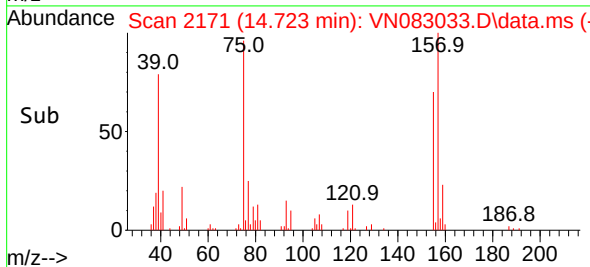
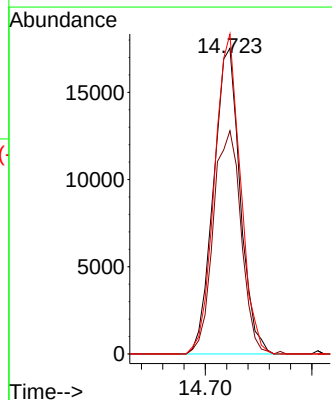
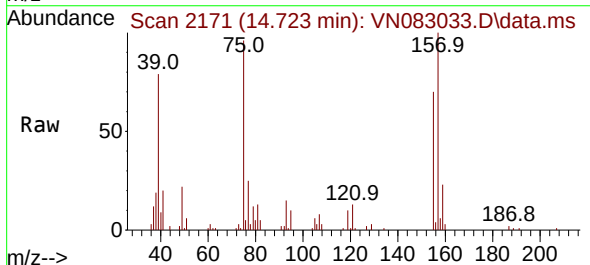
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

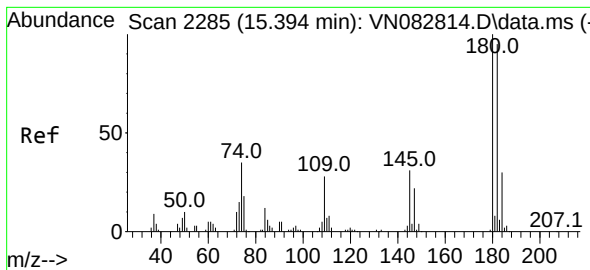
Tgt Ion:146 Resp: 217094  
Ion Ratio Lower Upper  
146 100  
111 41.0 21.4 64.2  
148 62.5 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.174 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion: 75 Resp: 30400  
Ion Ratio Lower Upper  
75 100  
155 76.4 36.6 109.8  
157 101.6 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 42.017 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

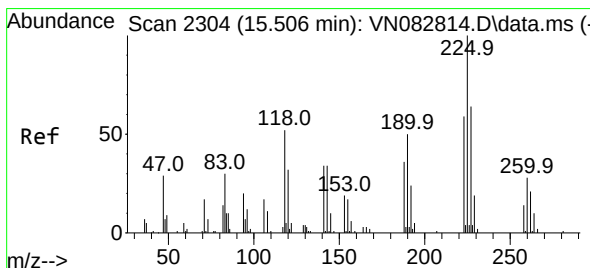
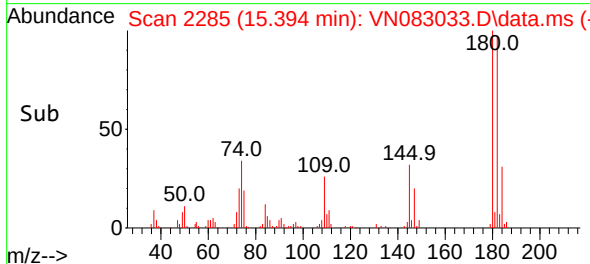
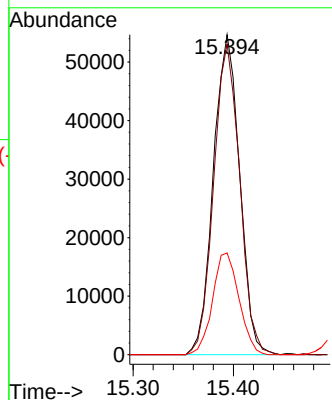
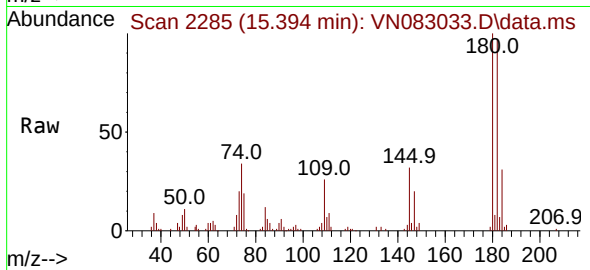
Tgt Ion:180 Resp: 99465

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.8

145 31.9 15.7 47.1



#94

Hexachlorobutadiene

Concen: 41.401 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.005 min

Lab File: VN083033.D

Acq: 24 Jul 2024 16:55

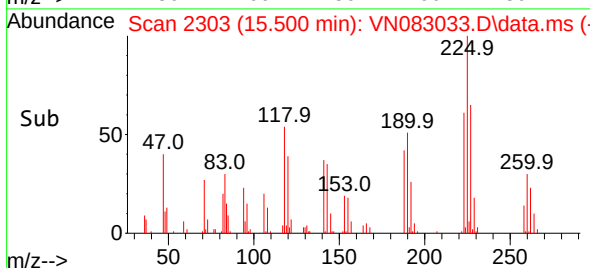
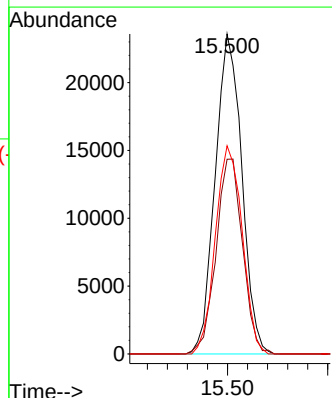
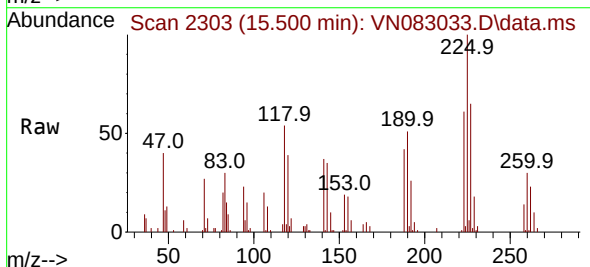
Tgt Ion:225 Resp: 43448

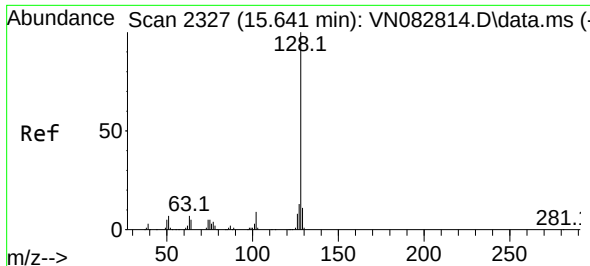
Ion Ratio Lower Upper

225 100

223 60.8 31.9 95.7

227 65.5 32.5 97.5

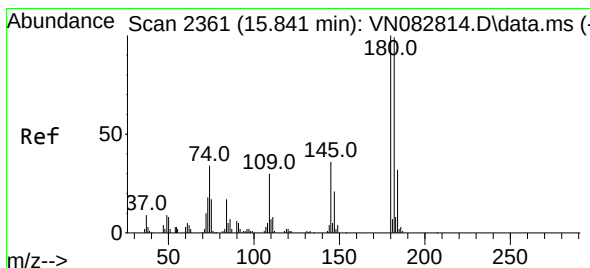
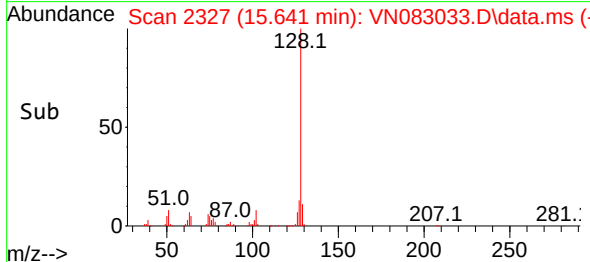
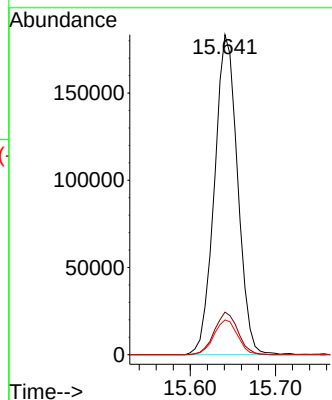
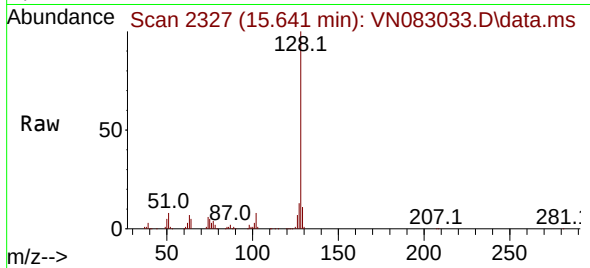




#95  
Naphthalene  
Concen: 42.736 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 346510  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.6 16.0  
129 11.1 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 42.880 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VN083033.D  
Acq: 24 Jul 2024 16:55

Tgt Ion:180 Resp: 104371  
Ion Ratio Lower Upper  
180 100  
182 96.2 48.9 146.8  
145 34.9 16.8 50.4

