

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121422\  
 Data File : VN075760.D  
 Acq On : 14 Dec 2022 09:07  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Dec 15 00:24:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 190662   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 291706   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 270809   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 131404   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 102854   | 49.587   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 99.180%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 93815    | 51.932   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 103.860% |
| 50) Toluene-d8              | 10.565 | 98    | 355781   | 52.675   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 105.340% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 117946   | 52.723   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 105.440% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 66757  | 49.312  | ug/l   | 95  |
| 3) Chloromethane             | 2.371 | 50  | 73314  | 43.552  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.530 | 62  | 90156  | 44.898  | ug/l   | 96  |
| 5) Bromomethane              | 2.948 | 94  | 73698  | 43.185  | ug/l   | 98  |
| 6) Chloroethane              | 3.124 | 64  | 66600  | 44.788  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.507 | 101 | 145370 | 47.710  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.977 | 74  | 53673  | 48.229  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 4.383 | 101 | 84838  | 48.761  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.601 | 142 | 134848 | 47.757  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 90946  | 309.867 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.354 | 96  | 79004  | 46.753  | ug/l   | 93  |
| 13) Acrolein                 | 4.189 | 56  | 108994 | 302.911 | ug/l   | 99  |
| 14) Allyl chloride           | 5.030 | 41  | 90814  | 45.973  | ug/l   | 89  |
| 15) Acrylonitrile            | 5.730 | 53  | 251733 | 314.295 | ug/l   | 99  |
| 16) Acetone                  | 4.436 | 43  | 285368 | 399.102 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.718 | 76  | 186142 | 45.496  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.036 | 43  | 126357 | 59.784  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.806 | 73  | 282156 | 50.705  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.295 | 84  | 92593  | 48.388  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 85861  | 46.396  | ug/l   | 91  |
| 22) Diisopropyl ether        | 6.683 | 45  | 239071 | 49.820  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.612 | 43  | 882500 | 273.229 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.577 | 63  | 152459 | 47.638  | ug/l   | 97  |
| 25) 2-Butanone               | 7.489 | 43  | 352458 | 352.047 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 133284 | 49.178  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.495 | 96  | 104710 | 47.309  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.812 | 49  | 65653  | 46.804  | ug/l   | 100 |
| 29) Tetrahydrofuran          | 7.842 | 42  | 204536 | 326.003 | ug/l   | 99  |
| 30) Chloroform               | 7.971 | 83  | 169830 | 47.132  | ug/l   | 97  |
| 31) Cyclohexane              | 8.259 | 56  | 138116 | 46.493  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 156335 | 48.938  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 121352 | 50.569  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.565 | 43  | 123299 | 63.966  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 140898 | 52.459  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.600 | 83  | 162029 | 55.966  | ug/l   | 98  |
| 40) Benzene                  | 8.612 | 78  | 373217 | 50.407  | ug/l   | 99  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Dec 15 00:24:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.789  | 41   | 63094    | 62.972   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 127016   | 51.601   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.689  | 43   | 190071   | 59.777   | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 101575   | 48.697   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 90430    | 50.190   | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 69505    | 52.011   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.888  | 83   | 135320   | 51.636   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.683  | 41   | 86615    | 60.481   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 52200    | 1482.641 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 631604   | 328.457  | ug/l   | 99       |
| 52) Toluene                   | 10.630 | 92   | 249715   | 51.786   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 135009   | 52.629   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 149689   | 53.146   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 102422   | 54.115   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 147479   | 58.663   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 163916   | 52.798   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 236302   | 295.226  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 507570   | 361.944  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 111558   | 53.000   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 107953   | 56.362   | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.106 | 164  | 91844    | 48.196   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 267455   | 48.118   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 103925   | 50.479   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 474872   | 50.621   | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.071 | 106  | 384753   | 103.624  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 190476   | 51.839   | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 309102   | 52.908   | ug/l   | 99       |
| 71) Bromoform                 | 12.577 | 173  | 85831    | 57.294   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 491923   | 51.804   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 162078   | 58.181   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 162647   | 55.406   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 194346   | 73.372   | ug/l   | 63       |
| 77) Bromobenzene              | 12.982 | 156  | 119324   | 49.653   | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 558813   | 53.356   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 332891   | 50.918   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 418597   | 52.670   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 50462    | 68.574   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 332891   | 50.918   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.441 | 119  | 369437   | 52.723   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 420453   | 53.328   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 522750   | 54.050   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 439522   | 54.615   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 223945   | 50.448   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 218168   | 48.109   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 342921   | 52.599   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 76438    | 53.099   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 223318   | 51.073   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 30390    | 58.343   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 104594   | 48.317   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 56444    | 47.791   | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 349027   | 48.857   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 102124   | 50.475   | ug/l   | 98       |

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Data File : VN075760.D  
Acq On : 14 Dec 2022 09:07  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

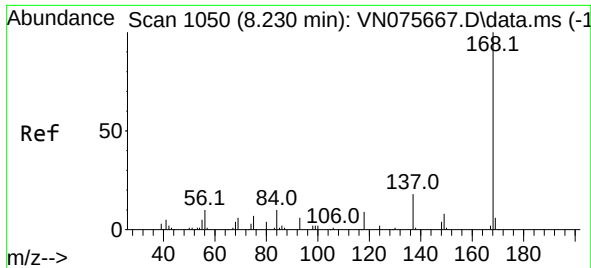
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Dec 15 00:24:38 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

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

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

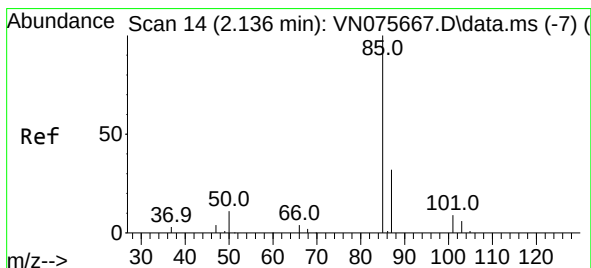
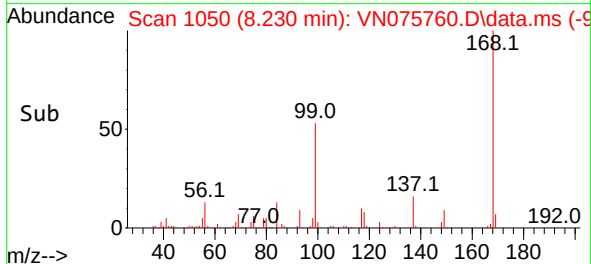
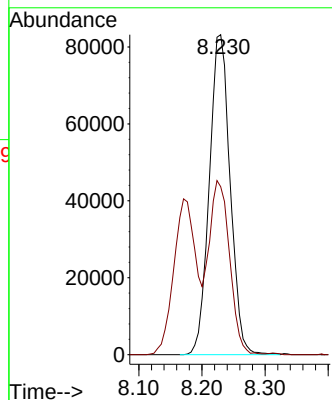
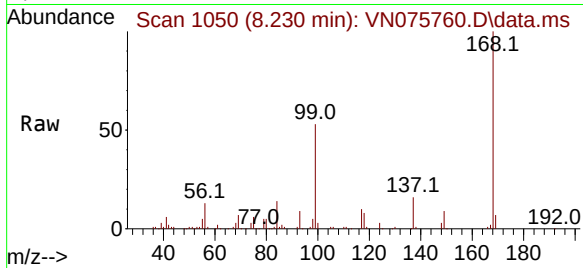




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

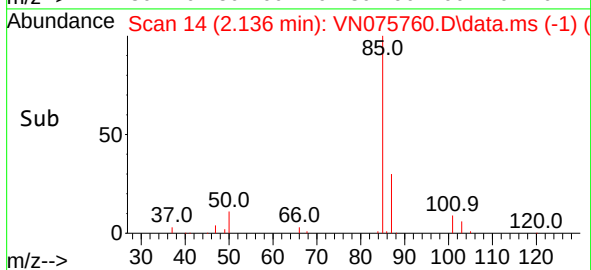
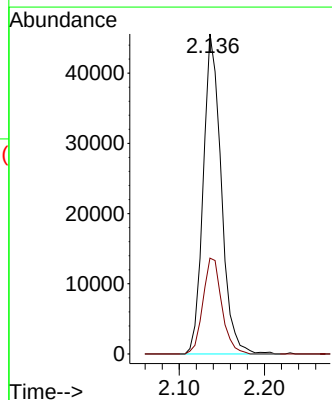
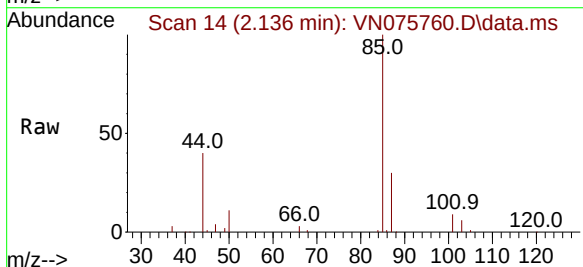
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

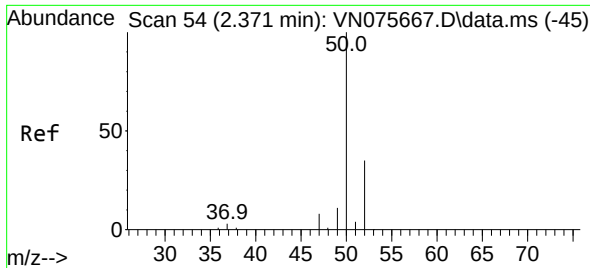
Tgt Ion:168 Resp: 190662  
Ion Ratio Lower Upper  
168 100  
99 52.2 44.2 66.4



#2  
Dichlorodifluoromethane  
Concen: 49.312 ug/l  
RT: 2.136 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 85 Resp: 66757  
Ion Ratio Lower Upper  
85 100  
87 29.9 16.3 48.9

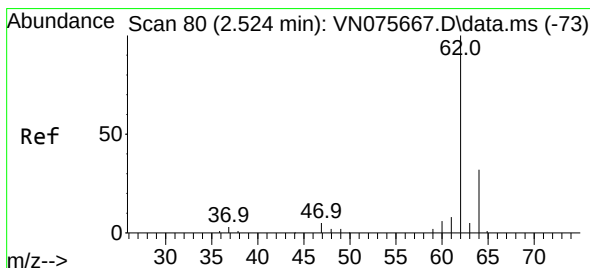
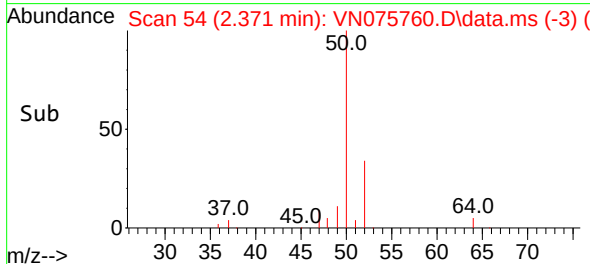
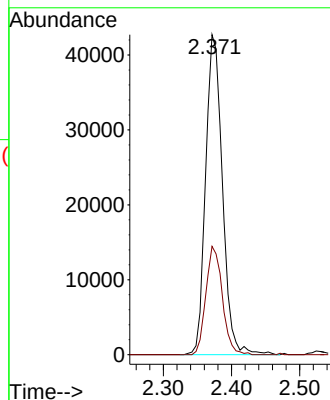
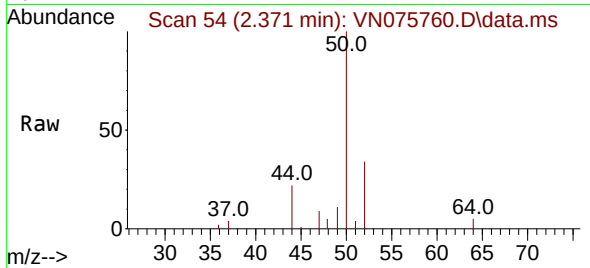




#3  
Chloromethane  
Concen: 43.552 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

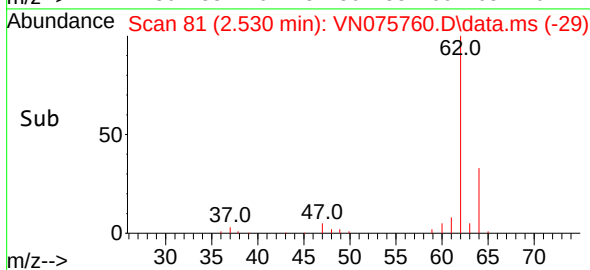
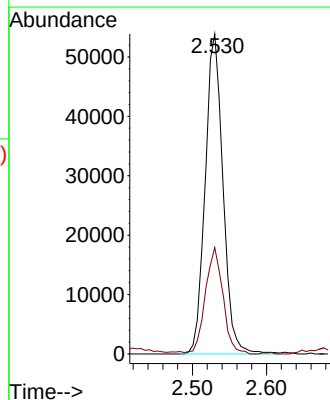
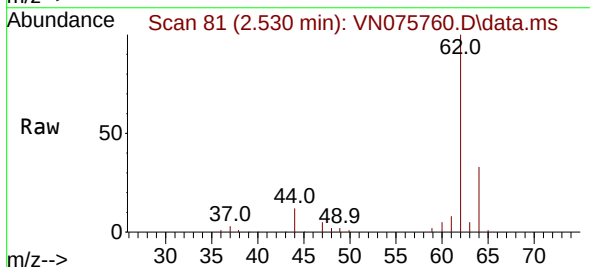
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

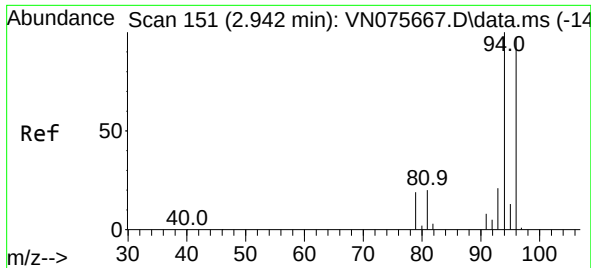
Tgt Ion: 50 Resp: 73314  
Ion Ratio Lower Upper  
50 100  
52 33.9 27.7 41.5



#4  
Vinyl Chloride  
Concen: 44.898 ug/l  
RT: 2.530 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 62 Resp: 90156  
Ion Ratio Lower Upper  
62 100  
64 33.3 24.9 37.3

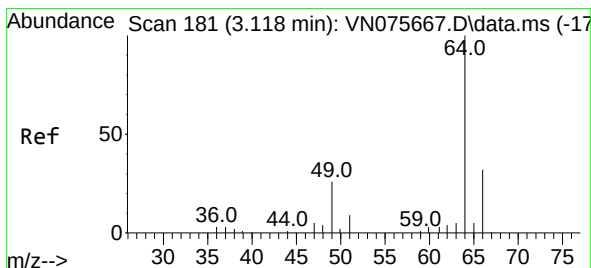
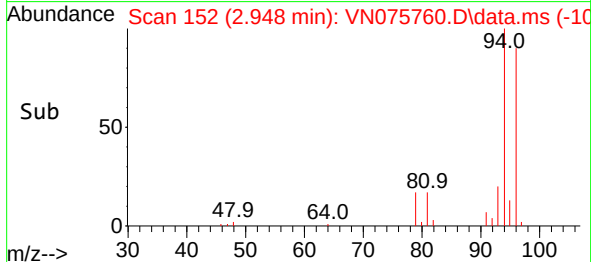
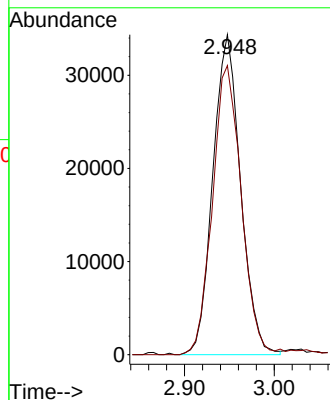
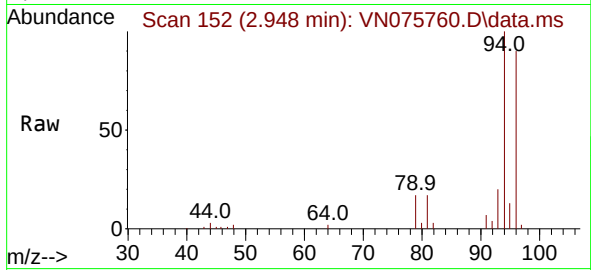




#5  
Bromomethane  
Concen: 43.185 ug/l  
RT: 2.948 min Scan# 151  
Delta R.T. 0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

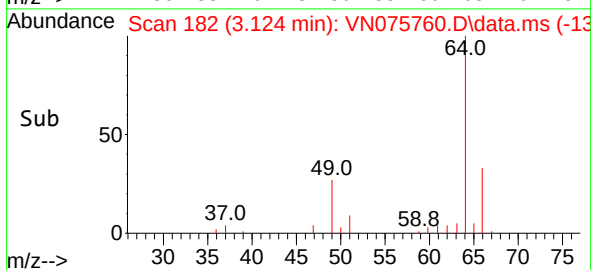
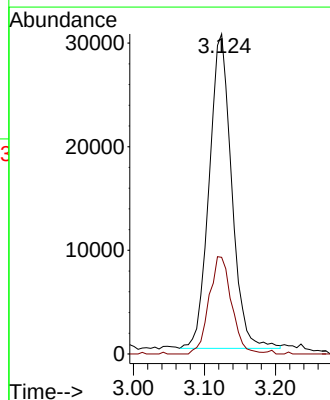
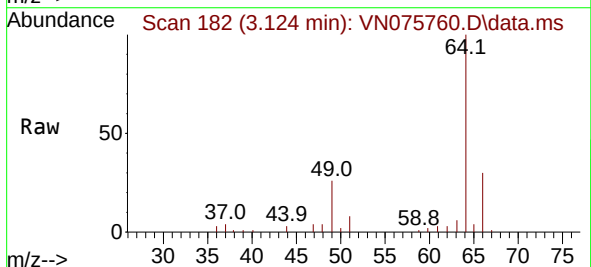
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

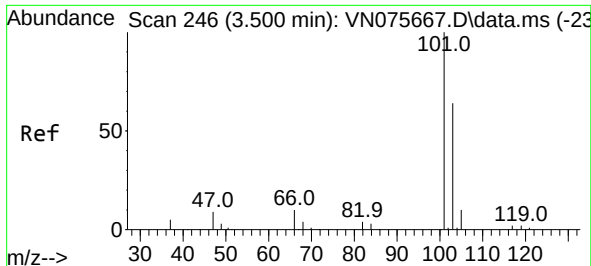
Tgt Ion: 94 Resp: 73698  
Ion Ratio Lower Upper  
94 100  
96 90.4 73.8 110.6



#6  
Chloroethane  
Concen: 44.788 ug/l  
RT: 3.124 min Scan# 182  
Delta R.T. 0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 64 Resp: 66600  
Ion Ratio Lower Upper  
64 100  
66 30.8 24.6 36.8

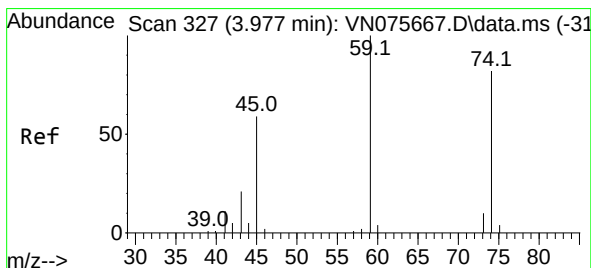
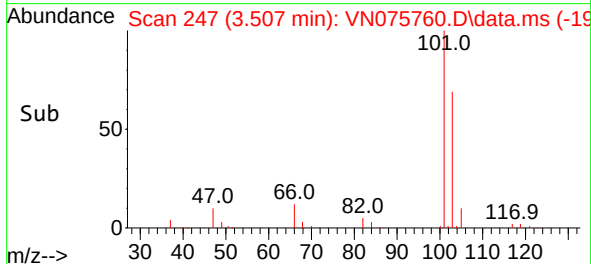
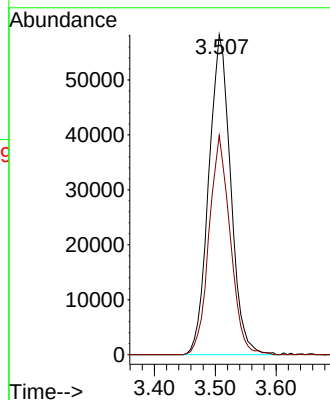
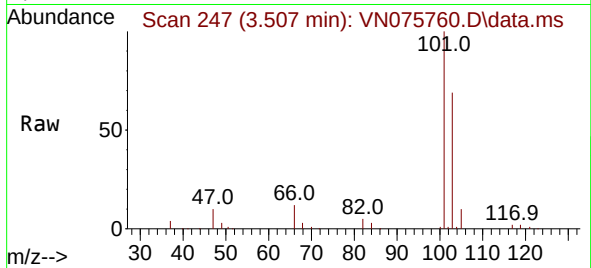




#7  
 Trichlorofluoromethane  
 Concen: 47.710 ug/l  
 RT: 3.507 min Scan# 246  
 Delta R.T. 0.006 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

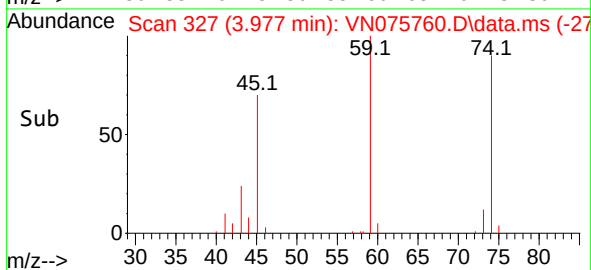
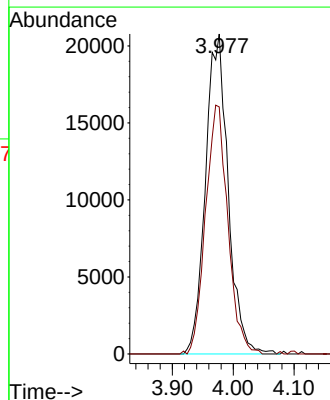
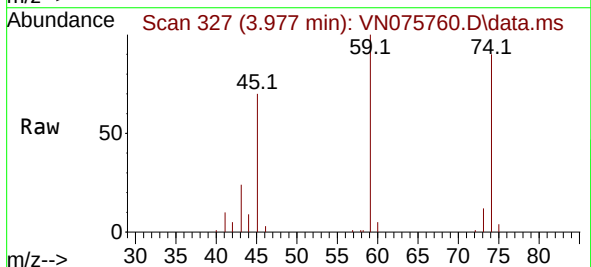
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 145370  
 Ion Ratio Lower Upper  
 101 100  
 103 68.5 53.4 80.2

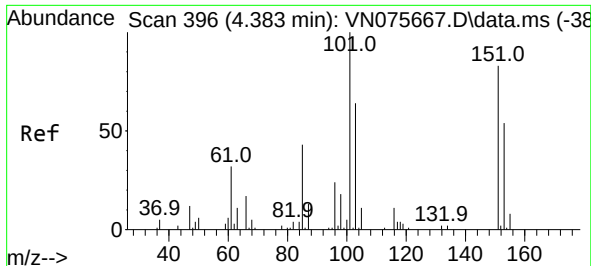


#8  
 Diethyl Ether  
 Concen: 48.229 ug/l  
 RT: 3.977 min Scan# 327  
 Delta R.T. 0.006 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

Tgt Ion: 74 Resp: 53673  
 Ion Ratio Lower Upper  
 74 100  
 45 76.6 37.8 113.4



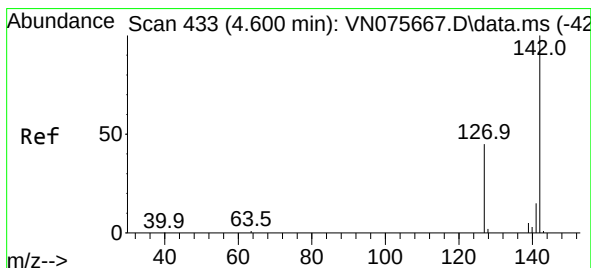
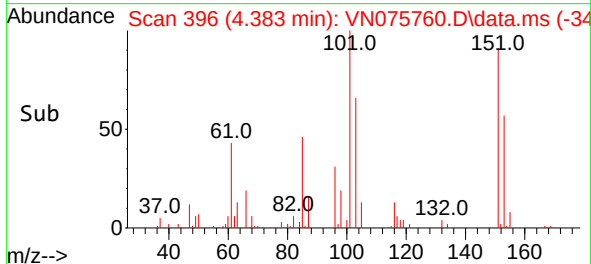
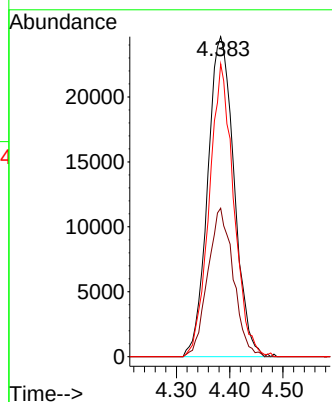
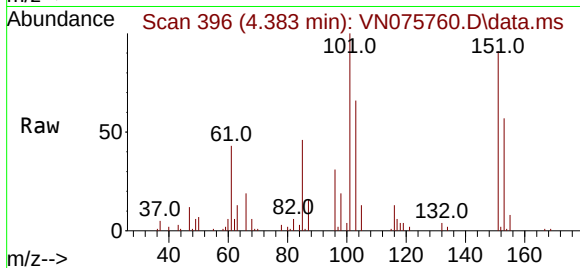




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.761 ug/l  
RT: 4.383 min Scan# 396  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

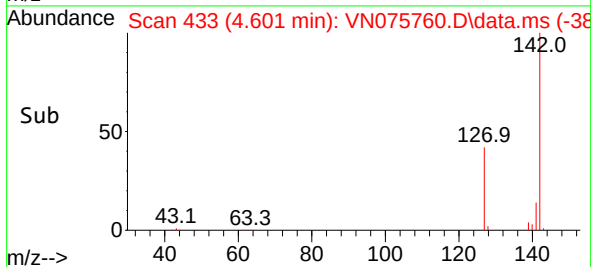
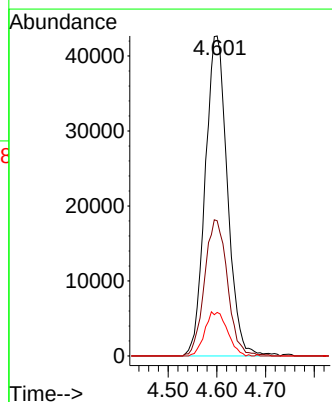
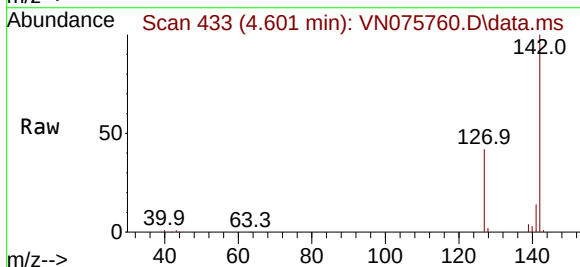
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

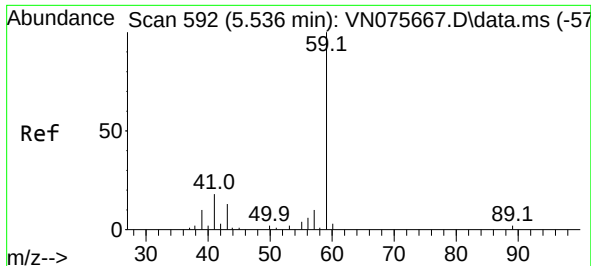
Tgt Ion:101 Resp: 84838  
Ion Ratio Lower Upper  
101 100  
85 44.9 35.3 52.9  
151 85.0 65.6 98.4



#10  
Methyl Iodide  
Concen: 47.757 ug/l  
RT: 4.601 min Scan# 433  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion:142 Resp: 134848  
Ion Ratio Lower Upper  
142 100  
127 44.0 34.7 52.1  
141 14.0 11.4 17.2

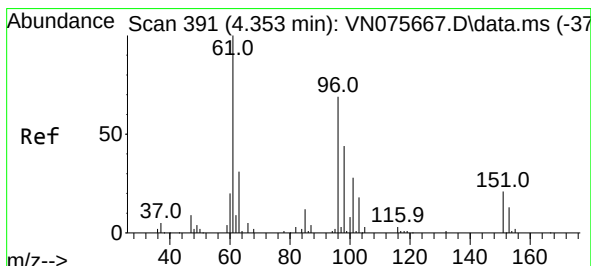
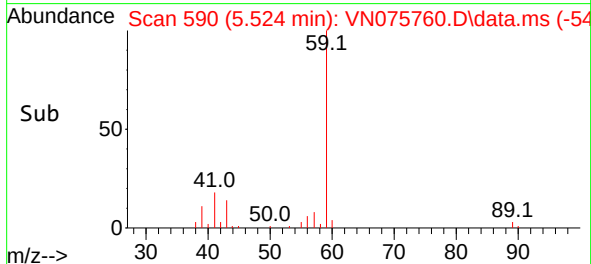
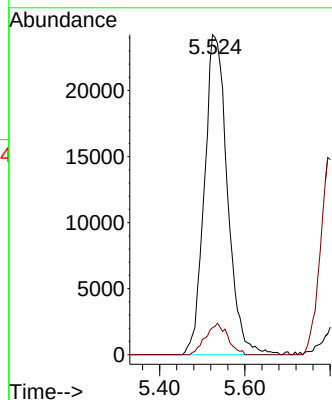
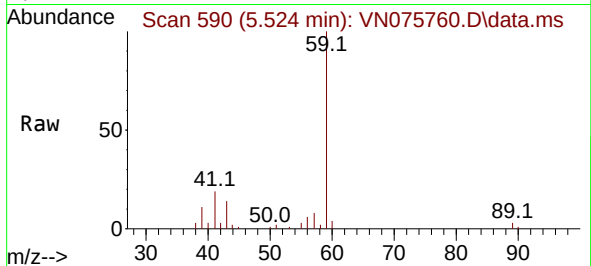




#11  
Tert butyl alcohol  
Concen: 309.867 ug/l  
RT: 5.524 min Scan# 591  
Delta R.T. -0.012 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

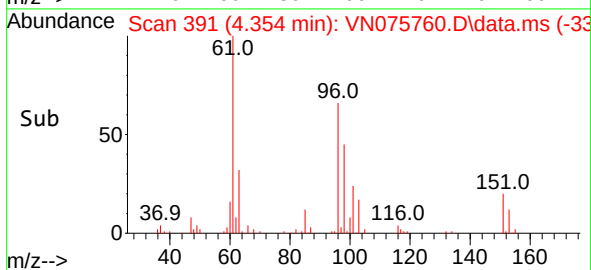
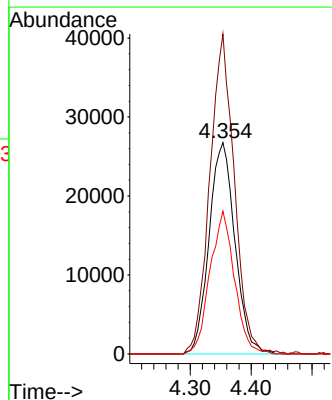
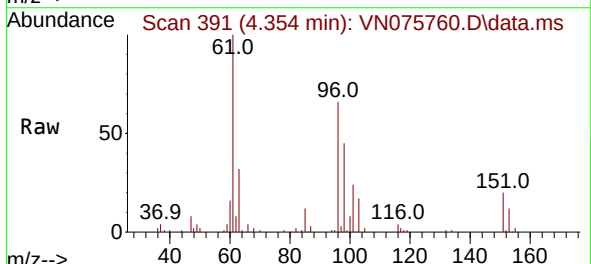
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

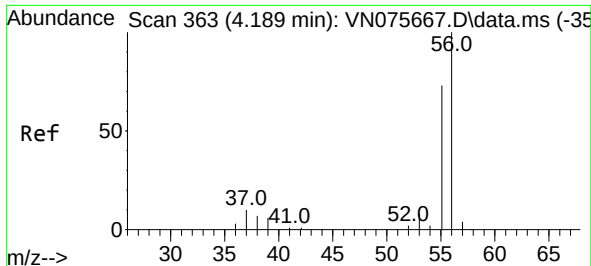
Tgt Ion: 59 Resp: 90946  
Ion Ratio Lower Upper  
59 100  
57 9.4 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 46.753 ug/l  
RT: 4.354 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 96 Resp: 79004  
Ion Ratio Lower Upper  
96 100  
61 151.4 113.3 169.9  
98 67.6 50.9 76.3

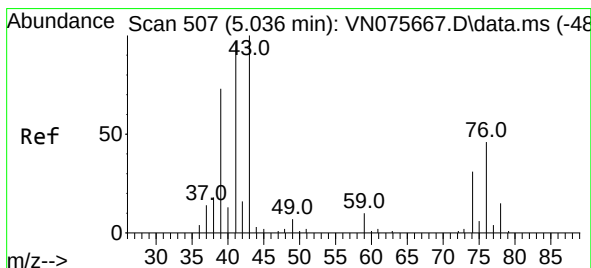
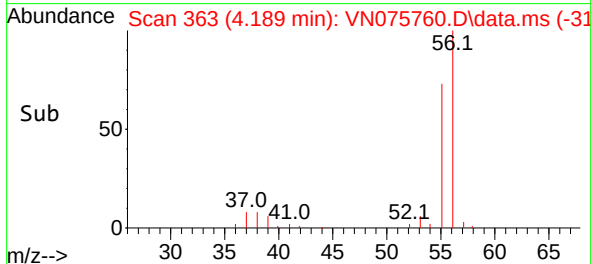
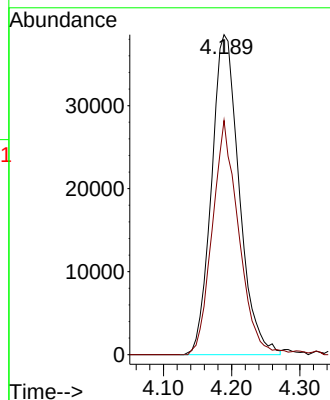
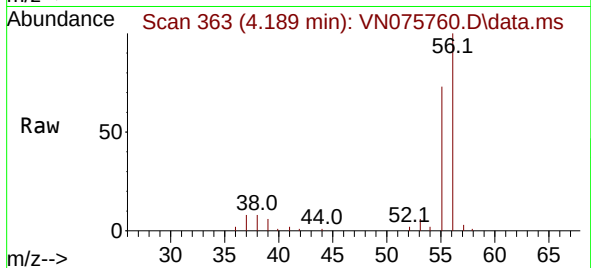




#13  
Acrolein  
Concen: 302.911 ug/l  
RT: 4.189 min Scan# 302  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

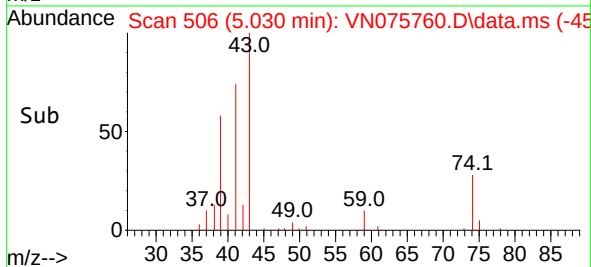
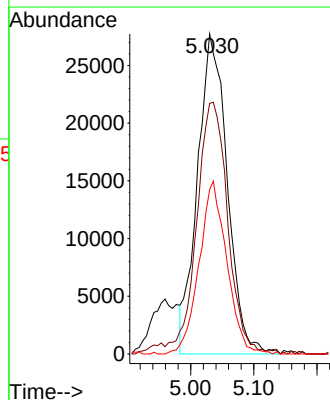
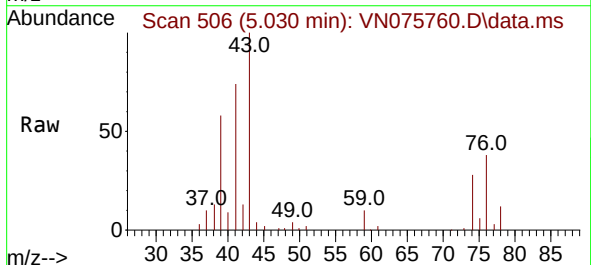
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

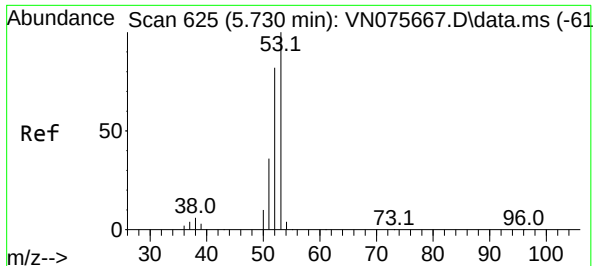
Tgt Ion: 56 Resp: 108994  
Ion Ratio Lower Upper  
56 100  
55 69.6 54.8 82.2



#14  
Allyl chloride  
Concen: 45.973 ug/l  
RT: 5.030 min Scan# 506  
Delta R.T. -0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 41 Resp: 90814  
Ion Ratio Lower Upper  
41 100  
39 83.4 58.3 87.5  
76 50.2 35.8 53.6

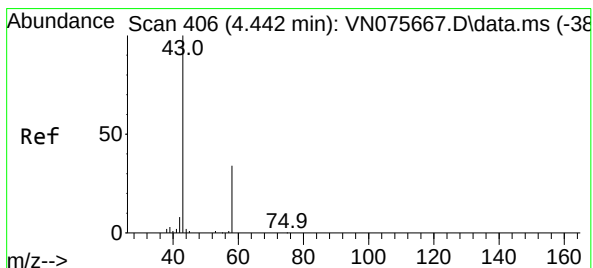
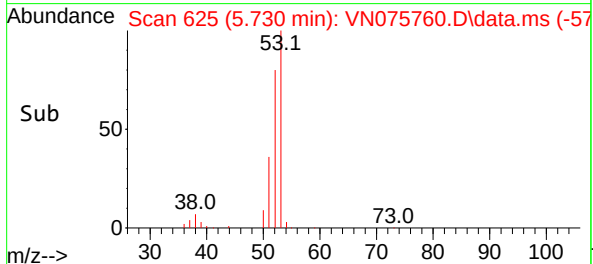
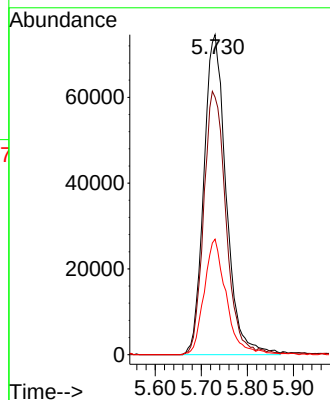
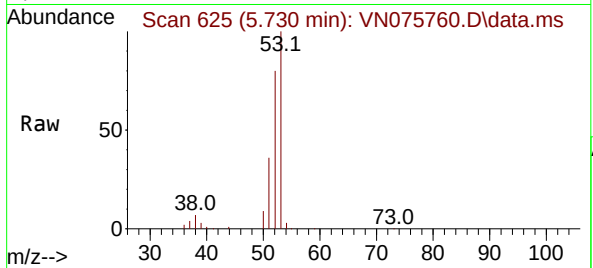




#15  
Acrylonitrile  
Concen: 314.295 ug/l  
RT: 5.730 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

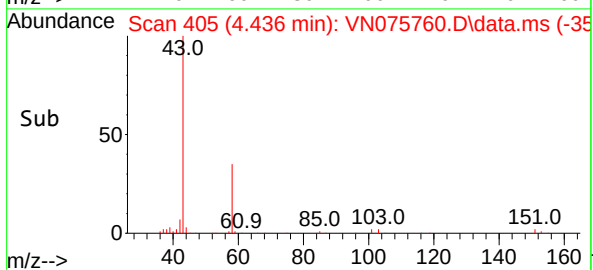
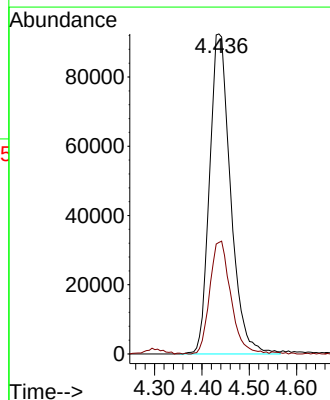
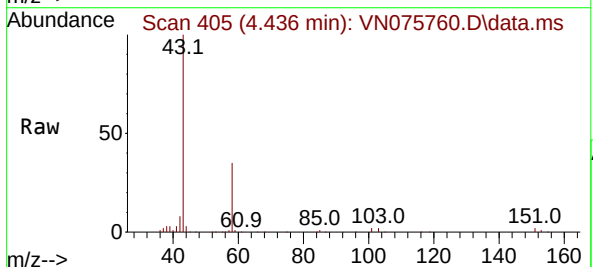
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

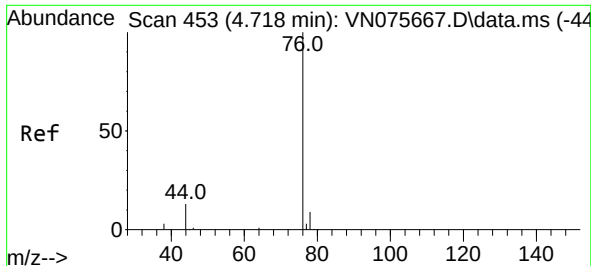
Tgt Ion: 53 Resp: 251733  
Ion Ratio Lower Upper  
53 100  
52 82.5 65.4 98.0  
51 35.9 28.9 43.3



#16  
Acetone  
Concen: 399.102 ug/l  
RT: 4.436 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 43 Resp: 285368  
Ion Ratio Lower Upper  
43 100  
58 34.6 28.6 43.0

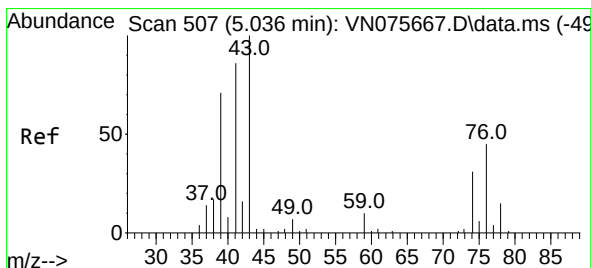
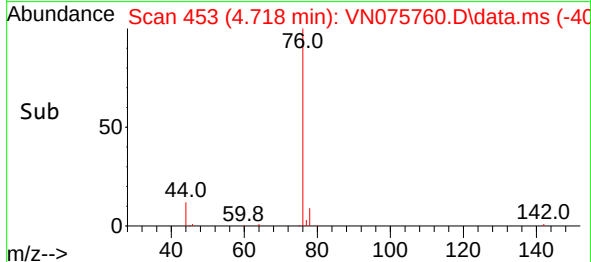
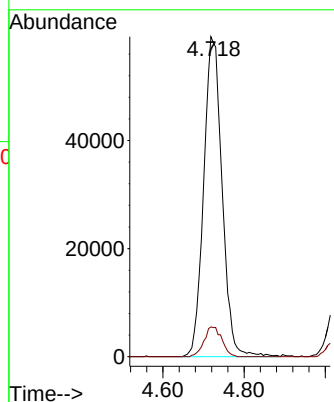
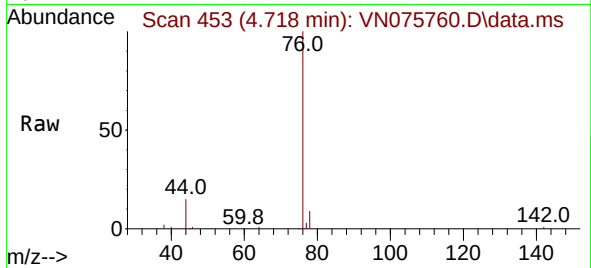




#17  
Carbon Disulfide  
Concen: 45.496 ug/l  
RT: 4.718 min Scan# 453  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

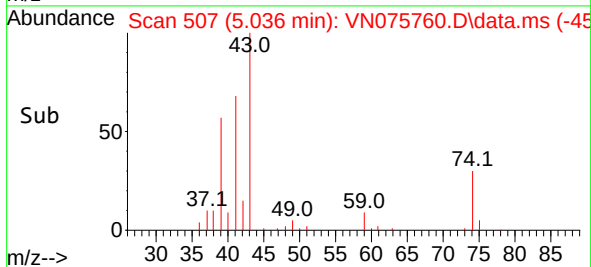
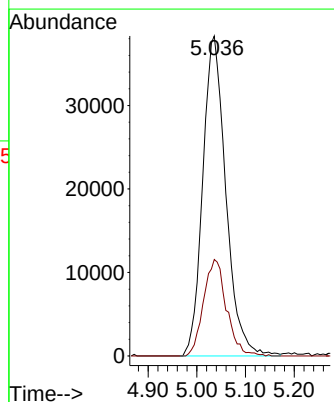
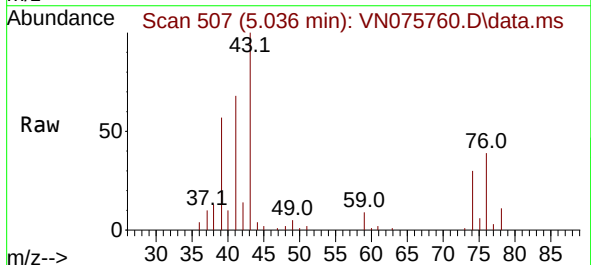
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

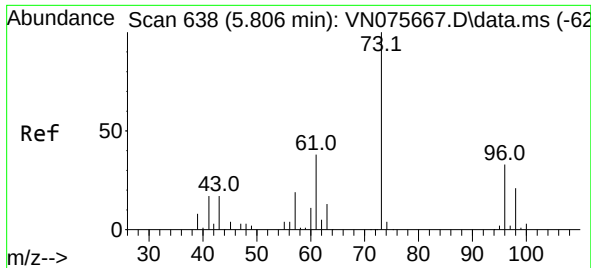
Tgt Ion: 76 Resp: 186142  
Ion Ratio Lower Upper  
76 100  
78 9.3 6.8 10.2



#18  
Methyl Acetate  
Concen: 59.784 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 43 Resp: 126357  
Ion Ratio Lower Upper  
43 100  
74 29.9 23.6 35.4

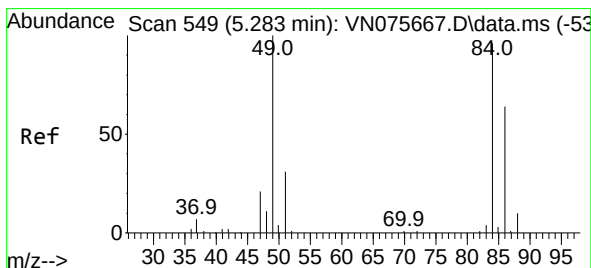
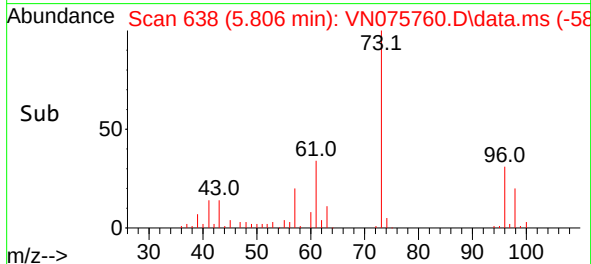
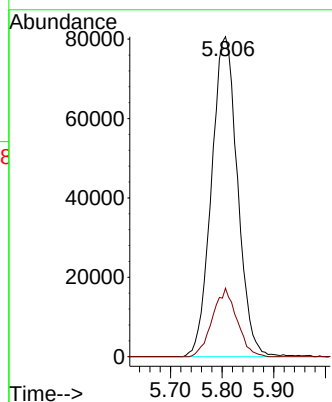
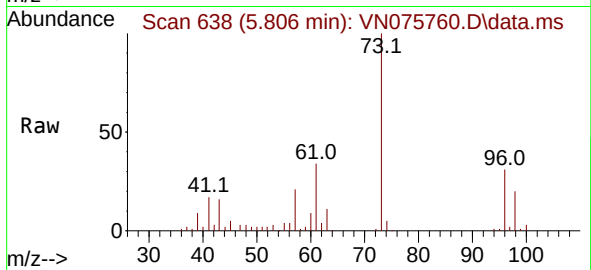




#19  
Methyl tert-butyl Ether  
Concen: 50.705 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

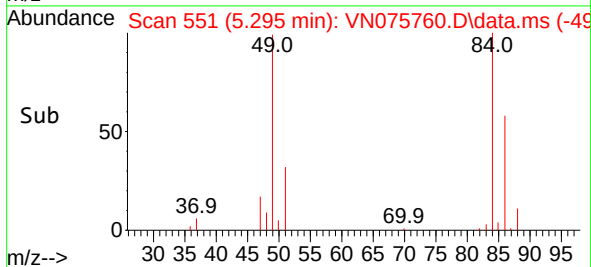
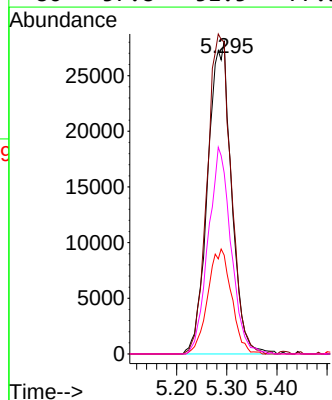
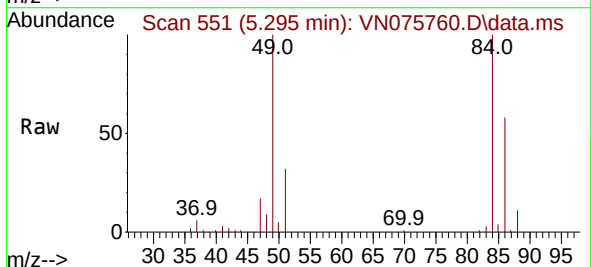
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

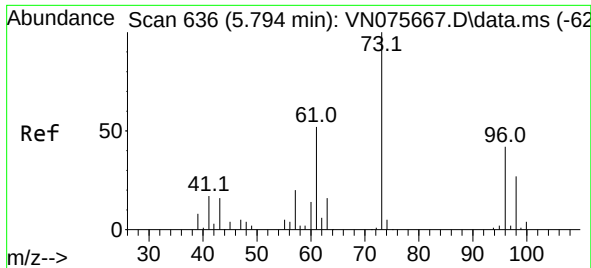
Tgt Ion: 73 Resp: 282156  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.1 25.7



#20  
Methylene Chloride  
Concen: 48.388 ug/l  
RT: 5.295 min Scan# 551  
Delta R.T. 0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 84 Resp: 92593  
Ion Ratio Lower Upper  
84 100  
49 99.5 81.8 122.6  
51 31.5 26.7 40.1  
86 57.8 51.5 77.3

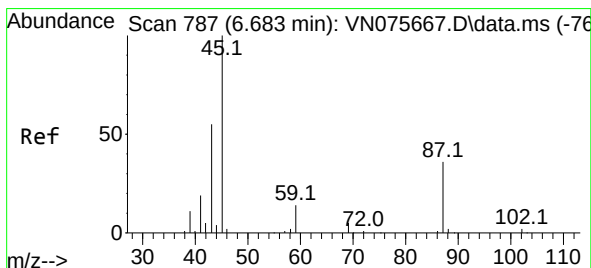
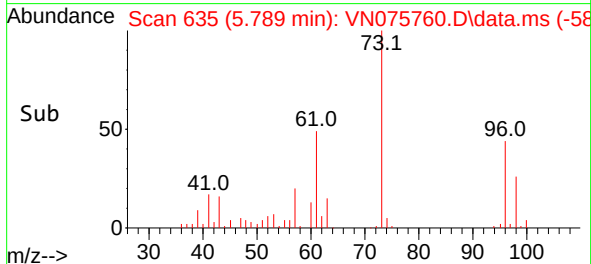
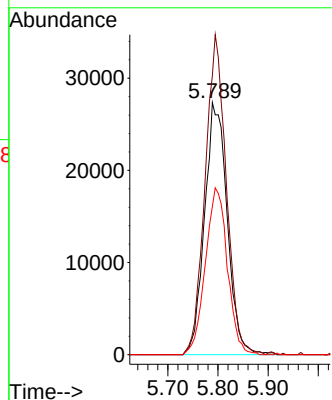
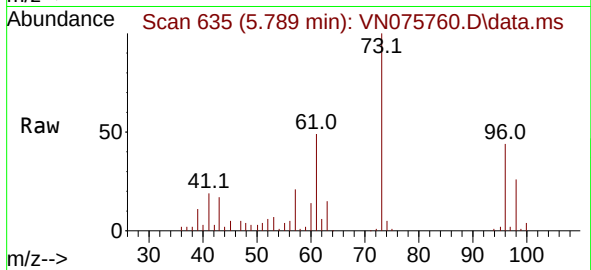




#21  
trans-1,2-Dichloroethene  
Concen: 46.396 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

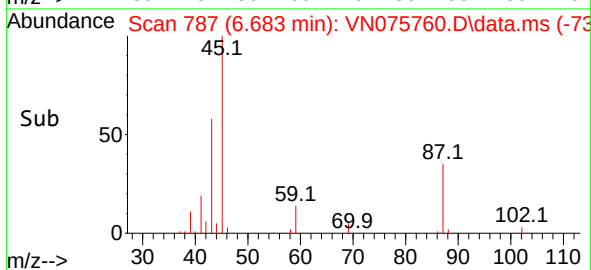
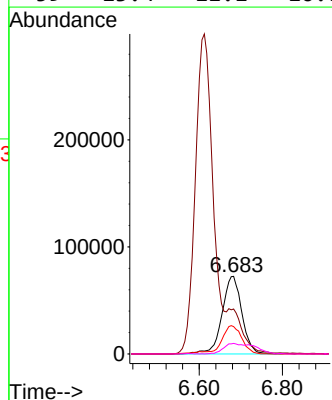
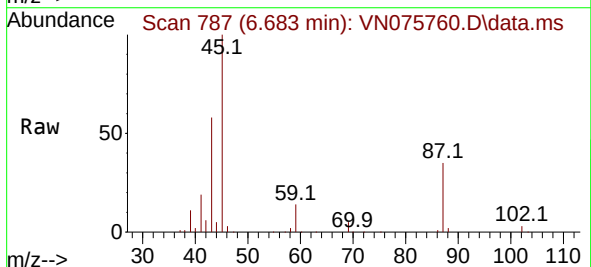
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

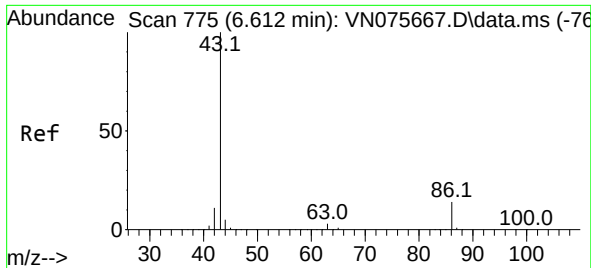
Tgt Ion: 96 Resp: 85861  
Ion Ratio Lower Upper  
96 100  
61 110.6 98.1 147.1  
98 58.8 51.4 77.2



#22  
Diisopropyl ether  
Concen: 49.820 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 45 Resp: 239071  
Ion Ratio Lower Upper  
45 100  
43 56.6 44.2 66.4  
87 35.3 28.3 42.5  
59 13.4 11.1 16.7

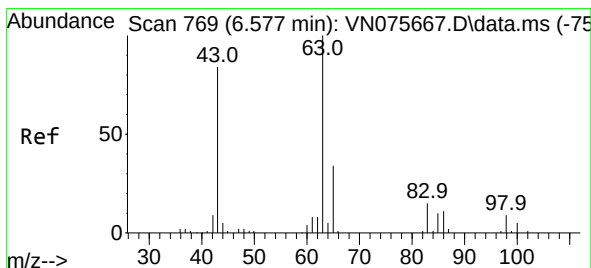
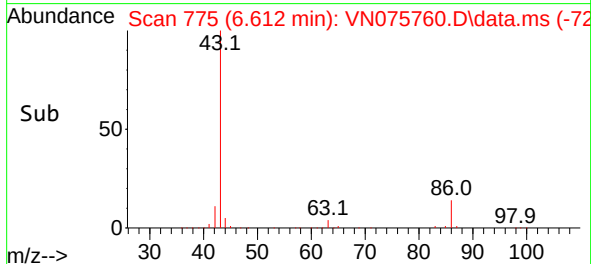
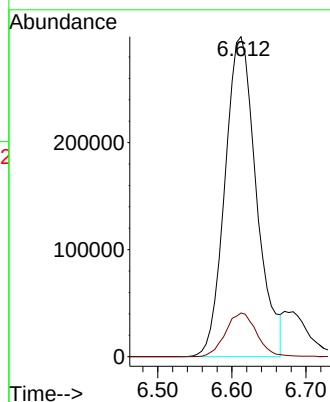
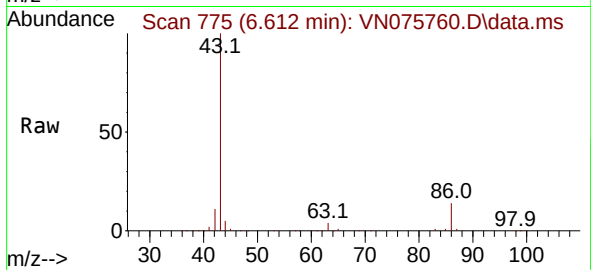




#23  
 Vinyl Acetate  
 Concen: 273.229 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. 0.000 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

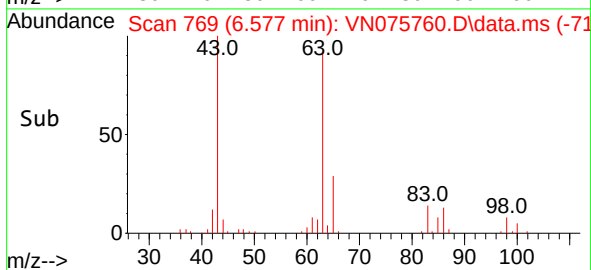
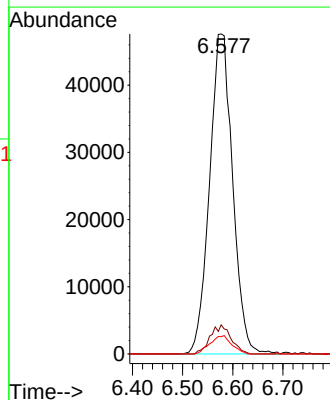
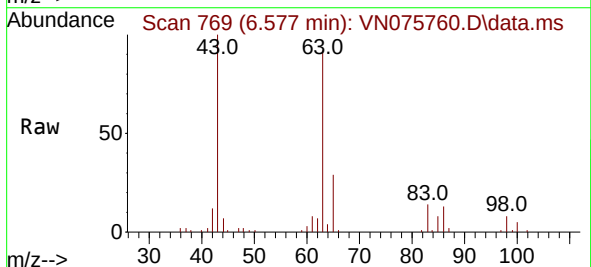
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 882500  
 Ion Ratio Lower Upper  
 43 100  
 86 13.7 11.4 17.2

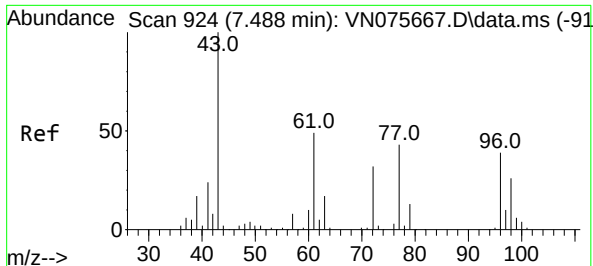


#24  
 1,1-Dichloroethane  
 Concen: 47.638 ug/l  
 RT: 6.577 min Scan# 769  
 Delta R.T. 0.000 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

Tgt Ion: 63 Resp: 152459  
 Ion Ratio Lower Upper  
 63 100  
 98 9.1 3.9 11.5  
 100 5.4 2.5 7.6







#25

2-Butanone

Concen: 352.047 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

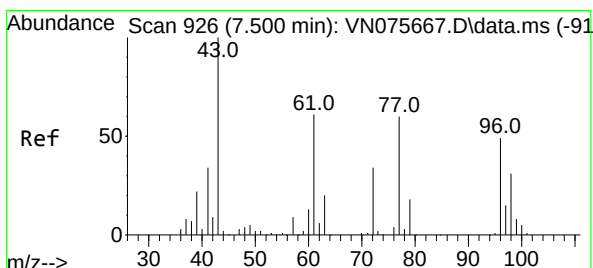
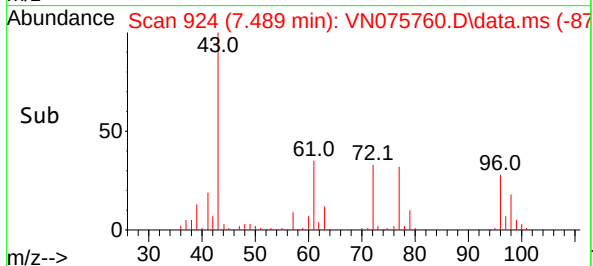
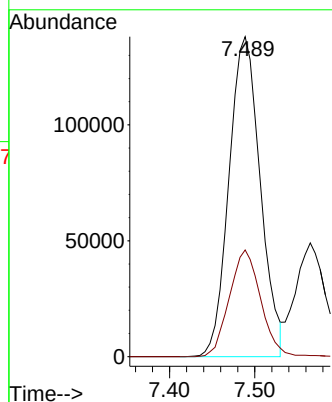
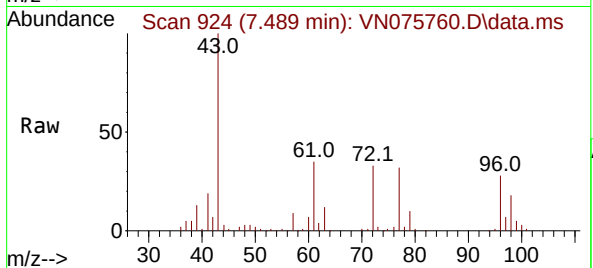
VSTDCCC050

Tgt Ion: 43 Resp: 352458

Ion Ratio Lower Upper

43 100

72 33.4 28.0 42.0



#26

2,2-Dichloropropane

Concen: 49.178 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075760.D

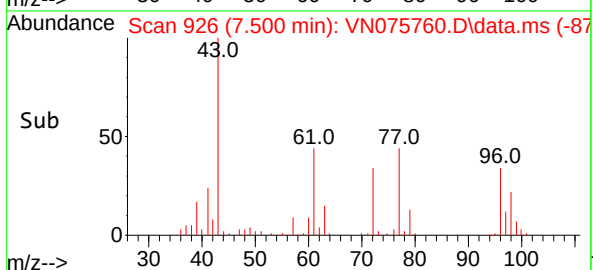
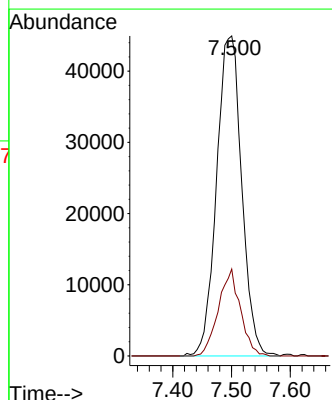
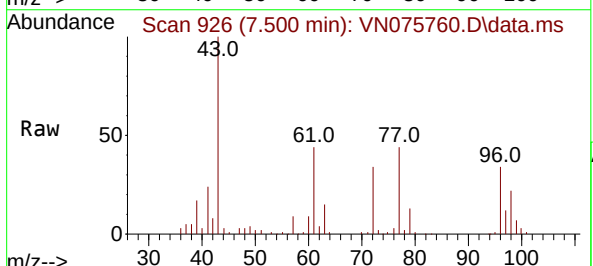
Acq: 14 Dec 2022 09:07

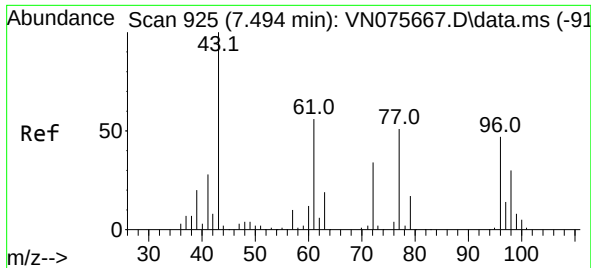
Tgt Ion: 77 Resp: 133284

Ion Ratio Lower Upper

77 100

97 23.8 12.7 38.0



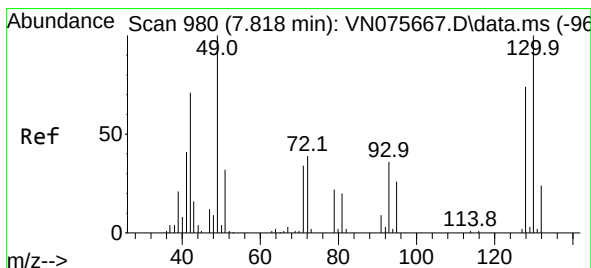
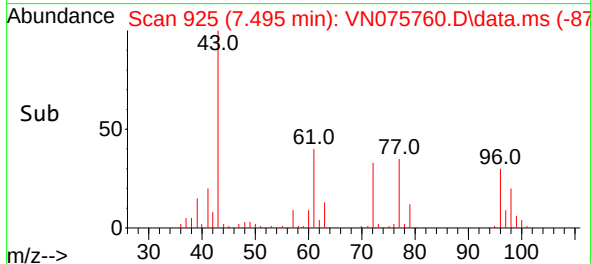
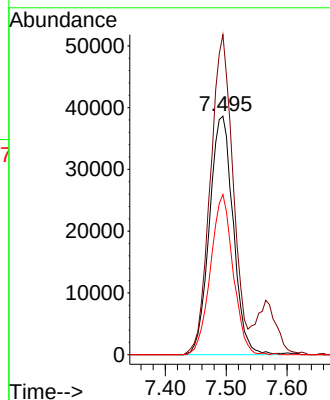
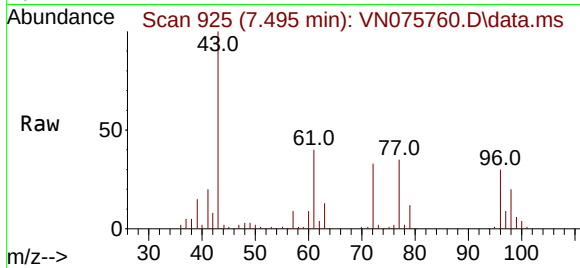


#27  
 cis-1,2-Dichloroethene  
 Concen: 47.309 ug/l  
 RT: 7.495 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 96 Resp: 104710  

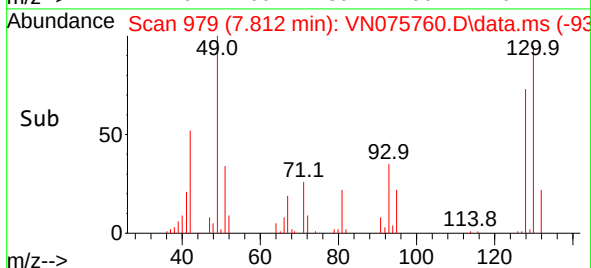
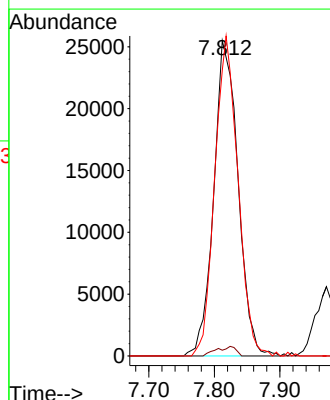
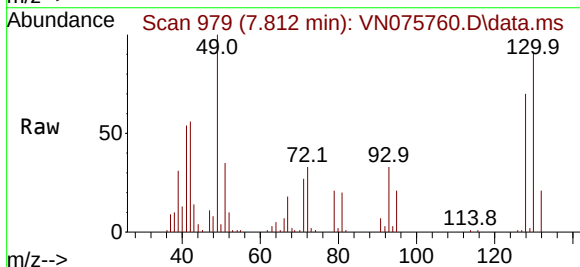
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 127.7 | 0.0   | 247.8 |
| 98  | 63.7  | 0.0   | 128.4 |

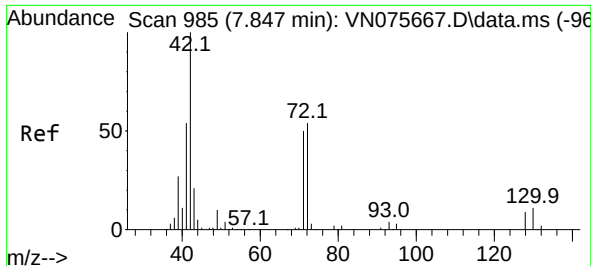


#28  
 Bromochloromethane  
 Concen: 46.804 ug/l  
 RT: 7.812 min Scan# 979  
 Delta R.T. -0.012 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

Tgt Ion: 49 Resp: 65653  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.4   | 0.0   | 5.0   |
| 130 | 96.7  | 77.0  | 115.4 |





#29

Tetrahydrofuran

Concen: 326.003 ug/l

RT: 7.842 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

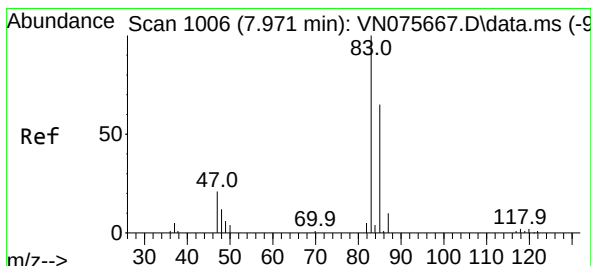
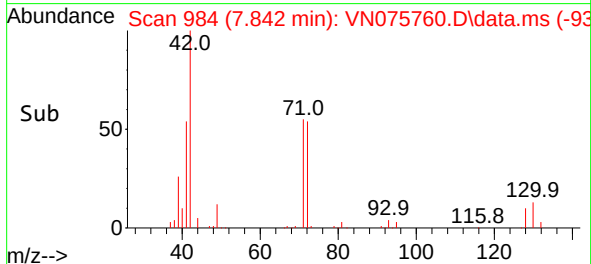
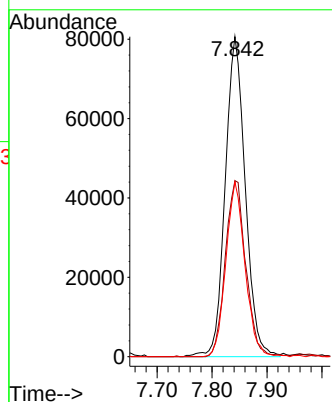
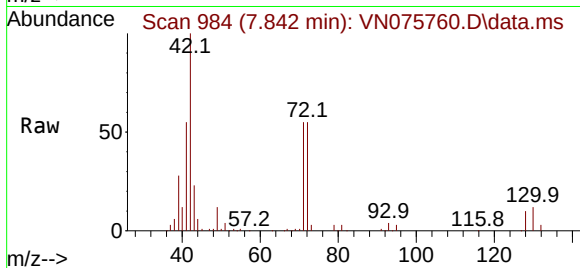
Tgt Ion: 42 Resp: 204536

Ion Ratio Lower Upper

42 100

72 56.1 44.5 66.7

71 52.3 41.0 61.6



#30

Chloroform

Concen: 47.132 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075760.D

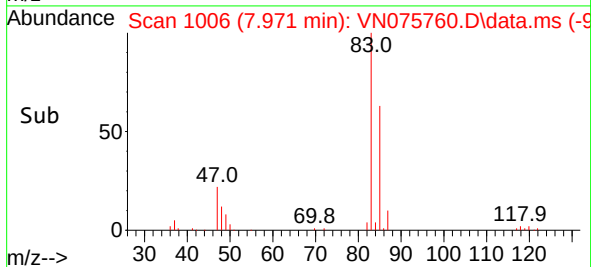
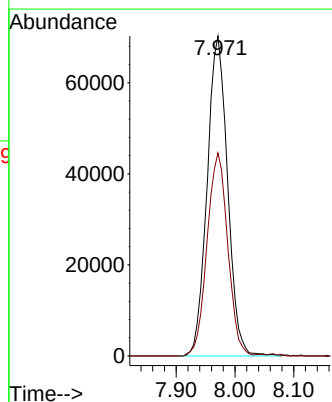
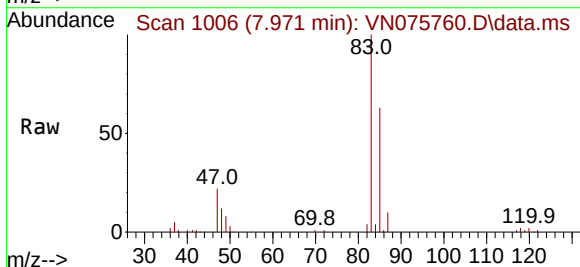
Acq: 14 Dec 2022 09:07

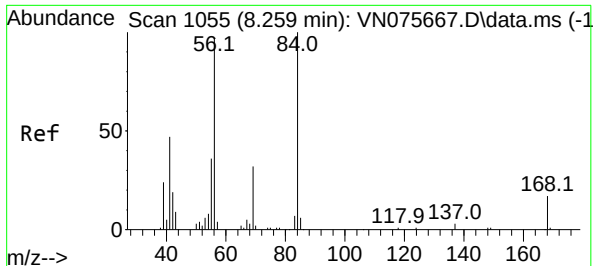
Tgt Ion: 83 Resp: 169830

Ion Ratio Lower Upper

83 100

85 63.5 49.1 73.7

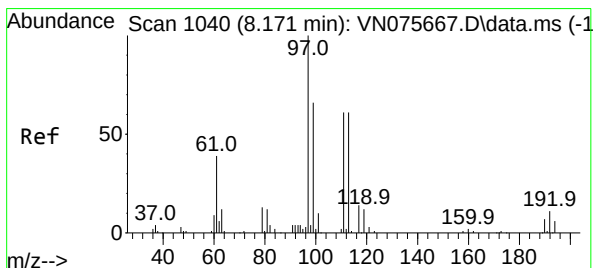
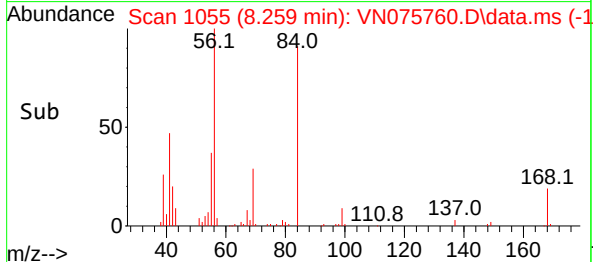
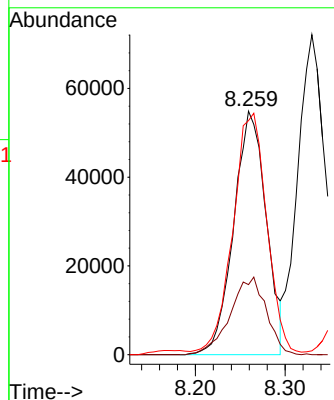
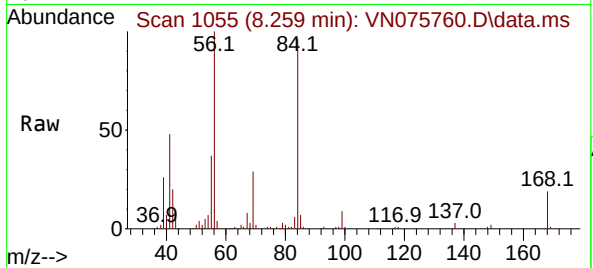




#31  
Cyclohexane  
Concen: 46.493 ug/l  
RT: 8.259 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

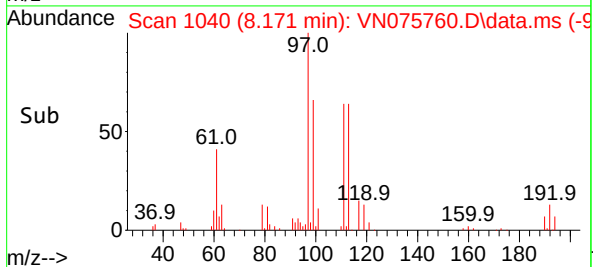
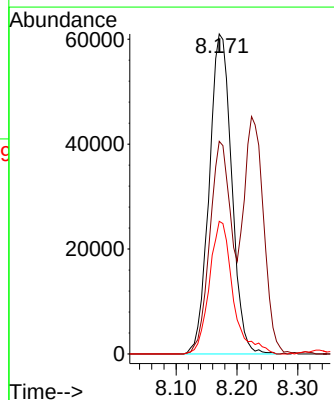
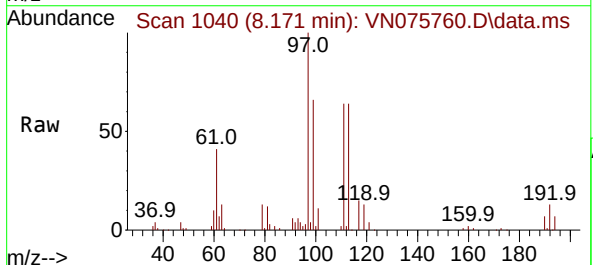
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

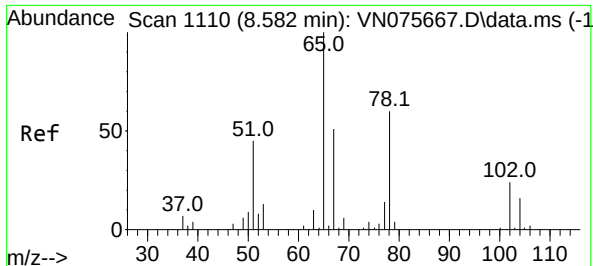
Tgt Ion: 56 Resp: 138116  
Ion Ratio Lower Upper  
56 100  
69 28.8 24.7 37.1  
84 94.5 76.5 114.7



#32  
1,1,1-Trichloroethane  
Concen: 48.938 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 97 Resp: 156335  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.2 75.2  
61 43.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.587 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

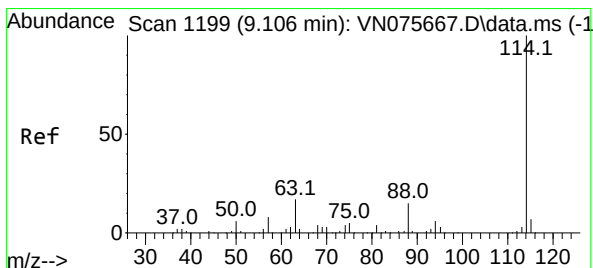
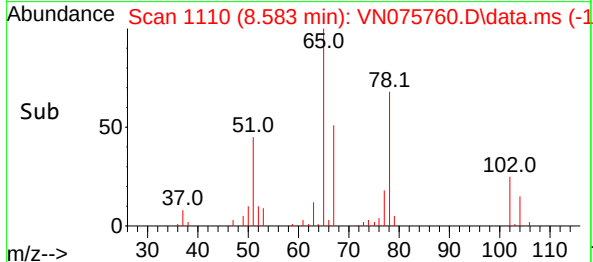
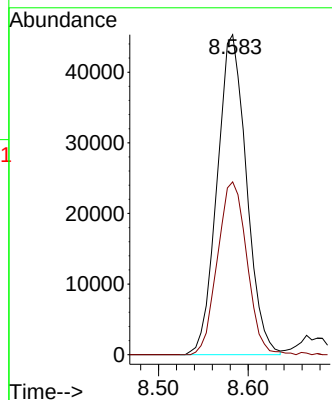
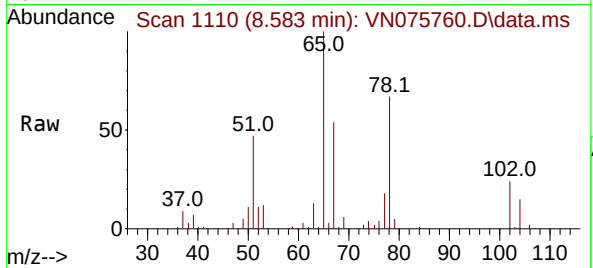
VSTDCCC050

Tgt Ion: 65 Resp: 102854

Ion Ratio Lower Upper

65 100

67 54.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

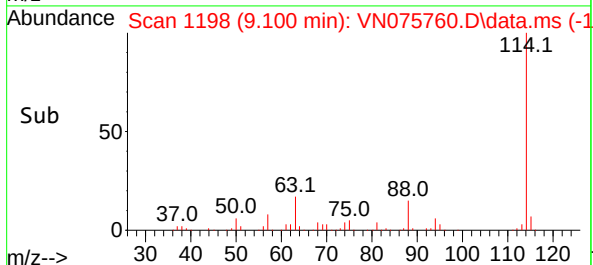
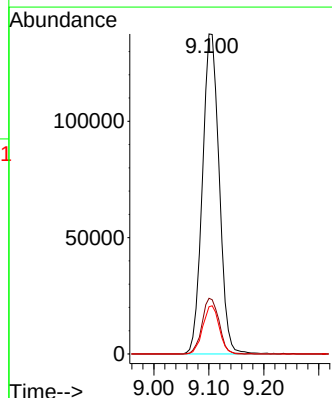
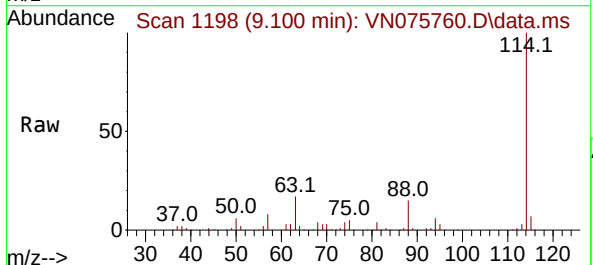
Tgt Ion: 114 Resp: 291706

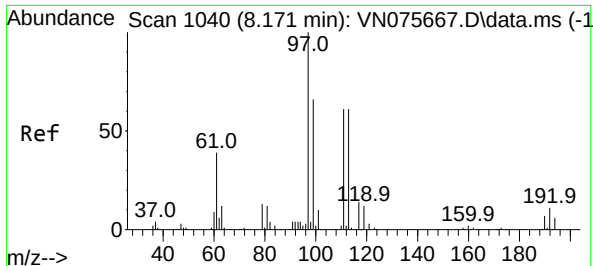
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.932 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

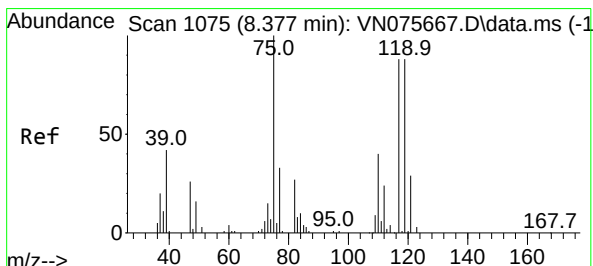
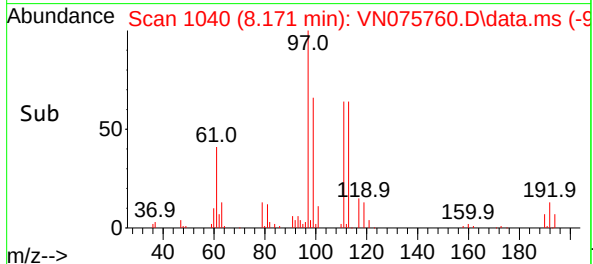
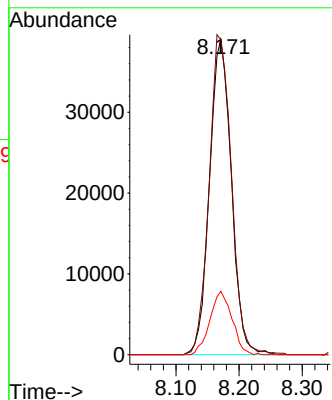
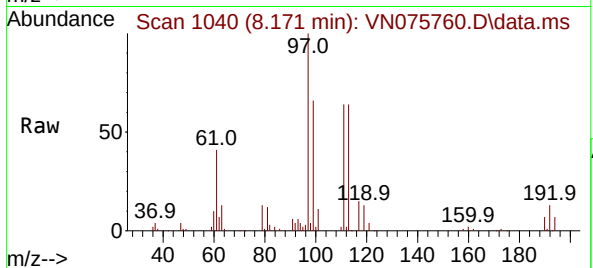
Tgt Ion:113 Resp: 93815

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 20.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 50.569 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

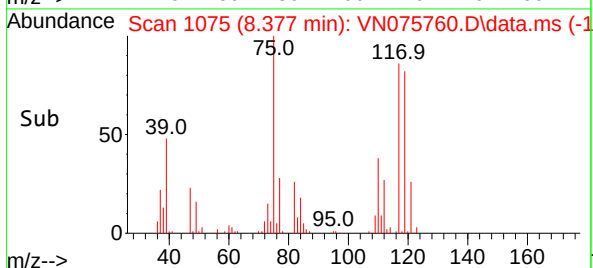
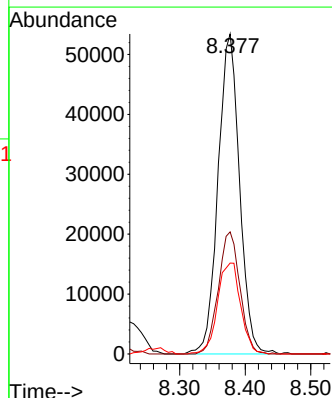
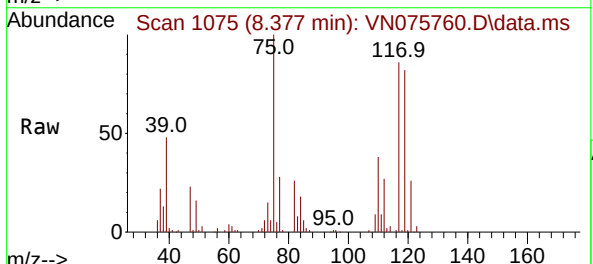
Tgt Ion: 75 Resp: 121352

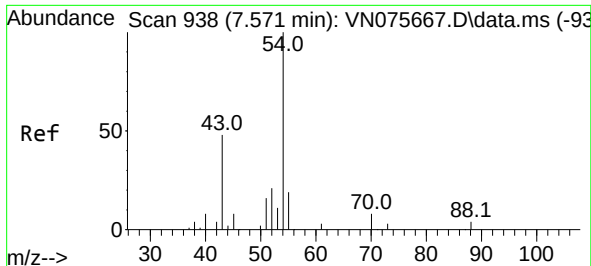
Ion Ratio Lower Upper

75 100

110 38.2 18.8 56.4

77 30.6 24.1 36.1

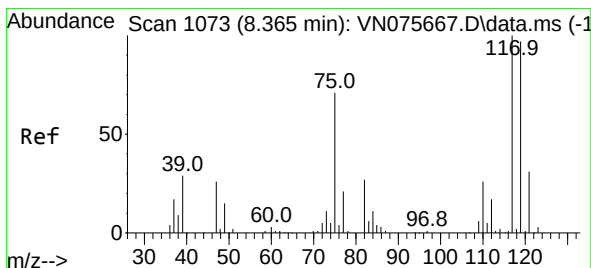
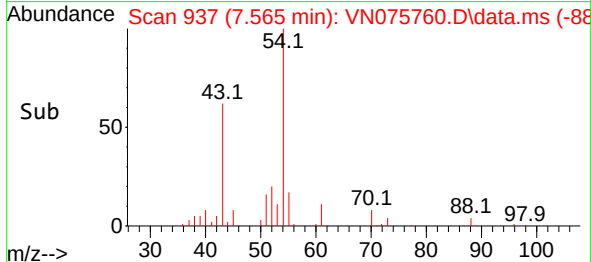
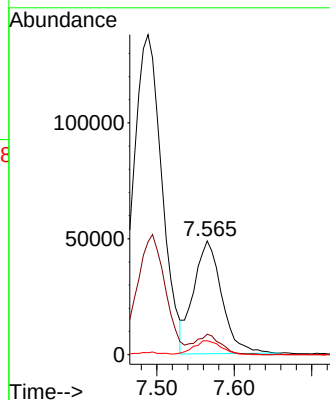
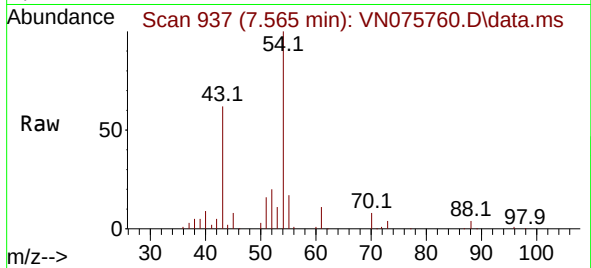




#37  
Ethyl Acetate  
Concen: 63.966 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

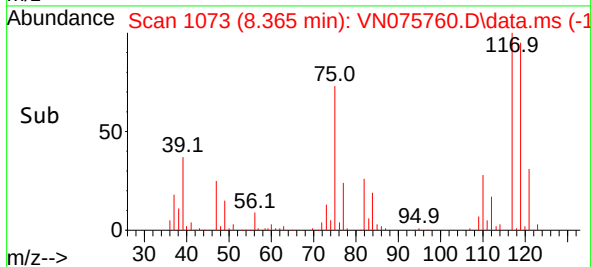
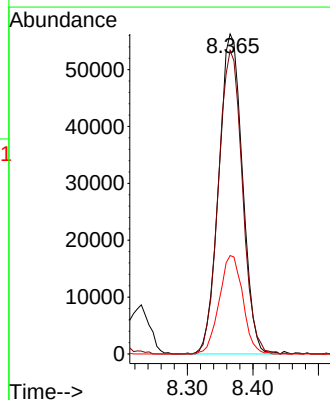
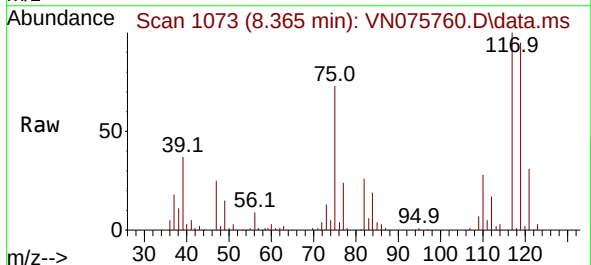
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

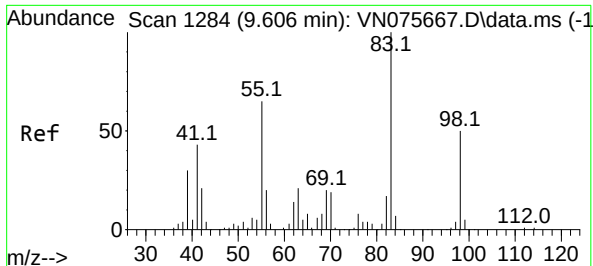
Tgt Ion: 43 Resp: 123299  
Ion Ratio Lower Upper  
43 100  
61 15.5 13.0 19.4  
70 12.1 9.4 14.0



#38  
Carbon Tetrachloride  
Concen: 52.459 ug/l  
RT: 8.365 min Scan# 1073  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 117 Resp: 140898  
Ion Ratio Lower Upper  
117 100  
119 94.9 76.1 114.1  
121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 55.966 ug/l

RT: 9.600 min Scan# 11283

Delta R.T. -0.006 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

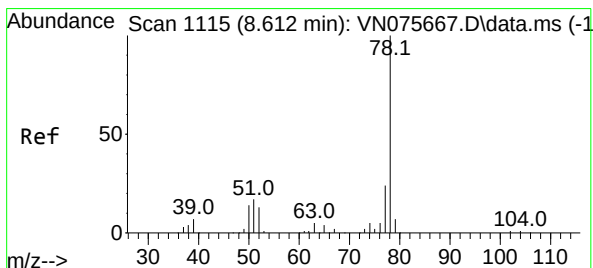
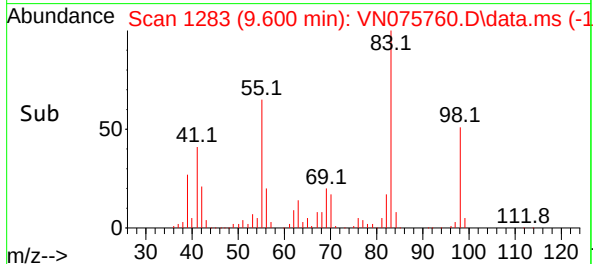
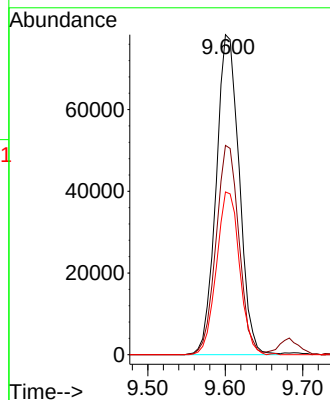
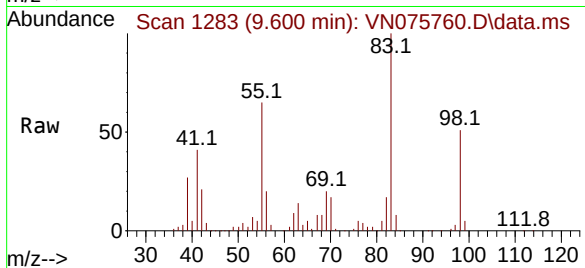
Tgt Ion: 83 Resp: 162029

Ion Ratio Lower Upper

83 100

55 65.4 51.4 77.0

98 50.8 39.8 59.8



#40

Benzene

Concen: 50.407 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075760.D

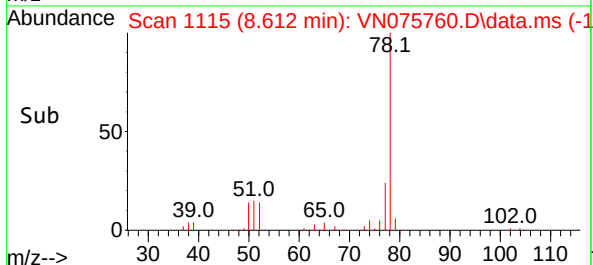
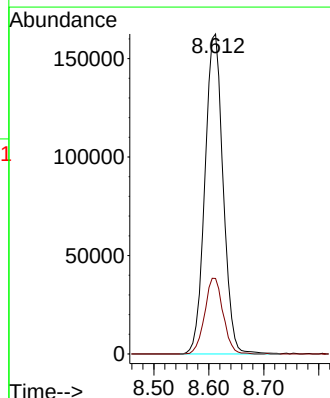
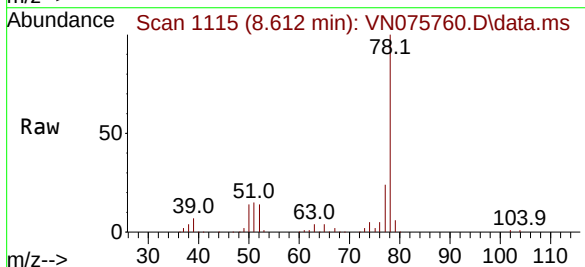
Acq: 14 Dec 2022 09:07

Tgt Ion: 78 Resp: 373217

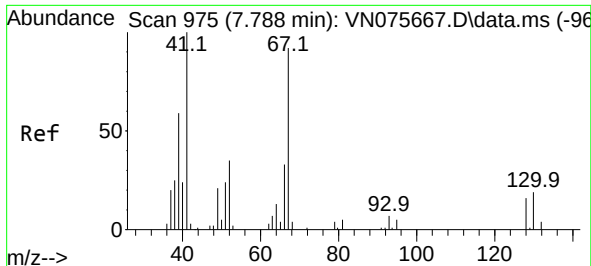
Ion Ratio Lower Upper

78 100

77 23.6 18.5 27.7





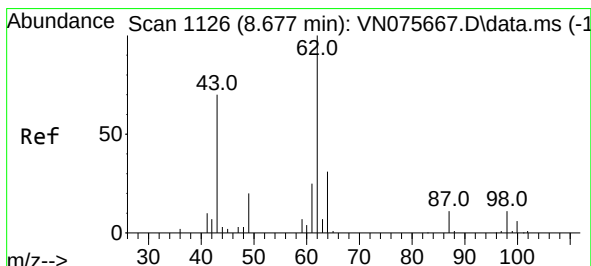
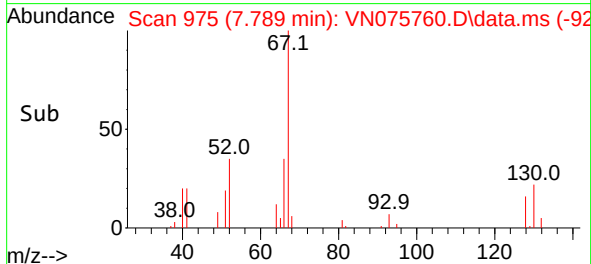
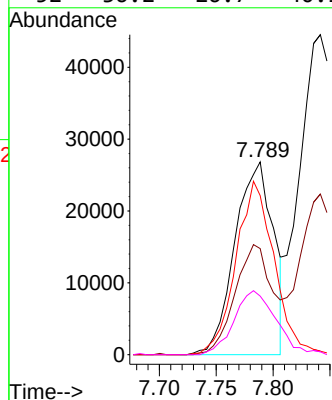
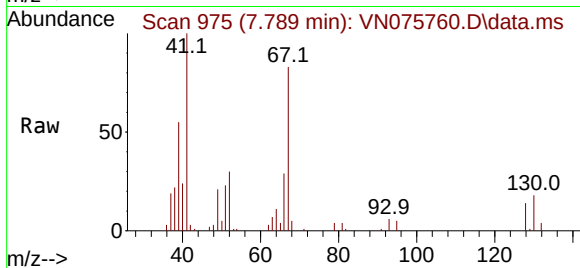


#41  
Methacrylonitrile  
Concen: 62.972 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 63094

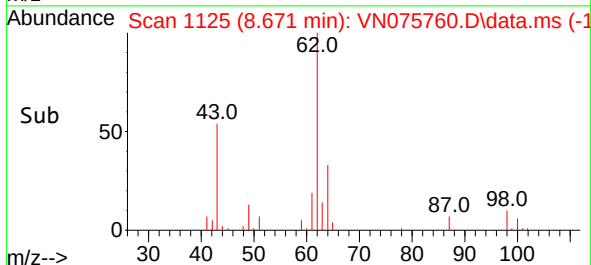
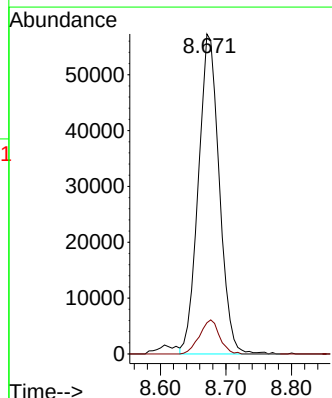
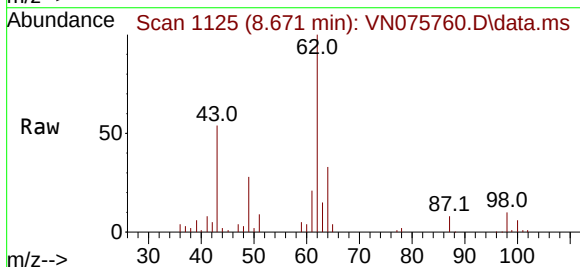
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.9  | 43.1  | 64.7  |
| 67  | 89.9  | 70.7  | 106.1 |
| 52  | 36.2  | 26.7  | 40.1  |

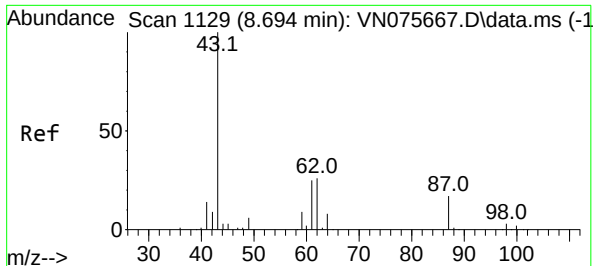


#42  
1,2-Dichloroethane  
Concen: 51.601 ug/l  
RT: 8.671 min Scan# 1125  
Delta R.T. -0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 62 Resp: 127016

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.2  | 0.0   | 20.8  |

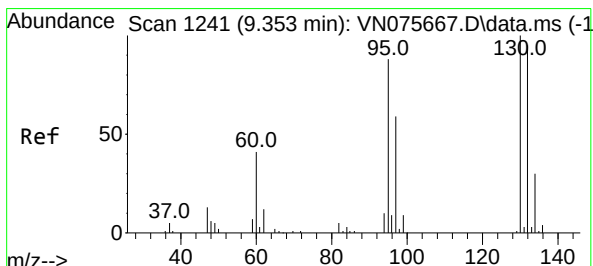
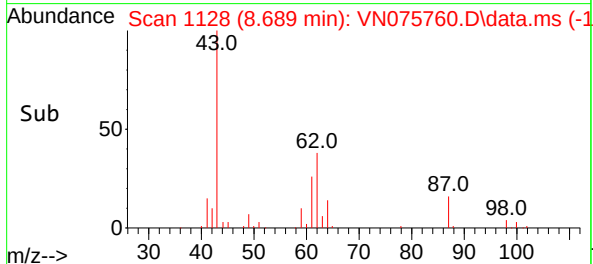
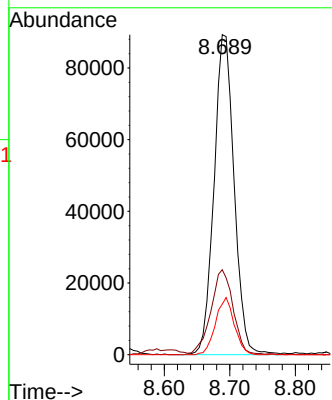
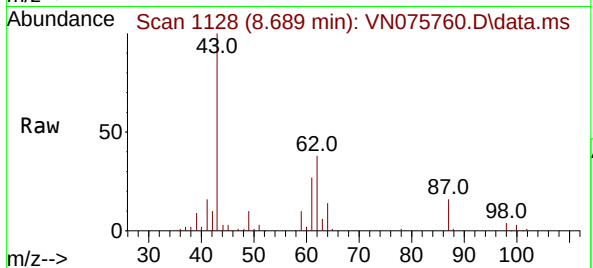




#43  
Isopropyl Acetate  
Concen: 59.777 ug/l  
RT: 8.689 min Scan# 1128  
Delta R.T. -0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

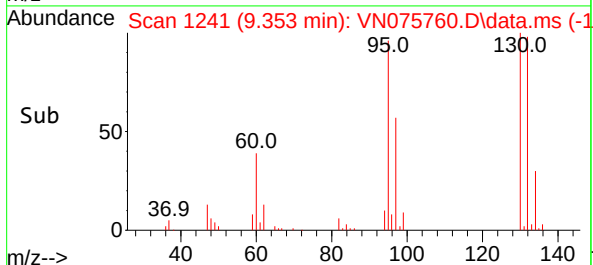
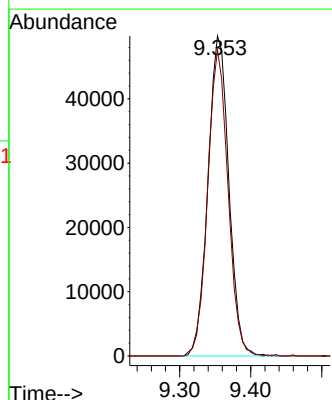
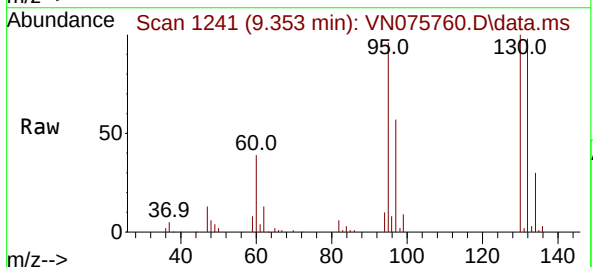
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

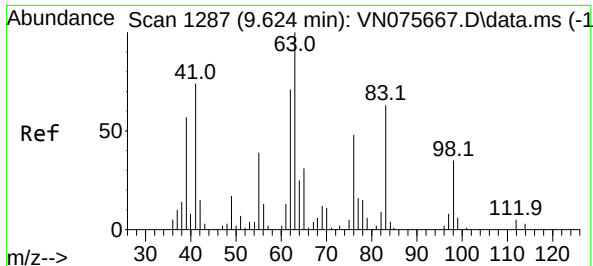
Tgt Ion: 43 Resp: 190071  
Ion Ratio Lower Upper  
43 100  
61 29.5 24.2 36.4  
87 16.6 13.3 19.9



#44  
Trichloroethene  
Concen: 48.697 ug/l  
RT: 9.353 min Scan# 1241  
Delta R.T. -0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion:130 Resp: 101575  
Ion Ratio Lower Upper  
130 100  
95 95.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 50.190 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

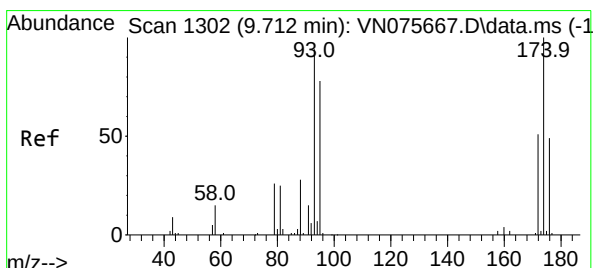
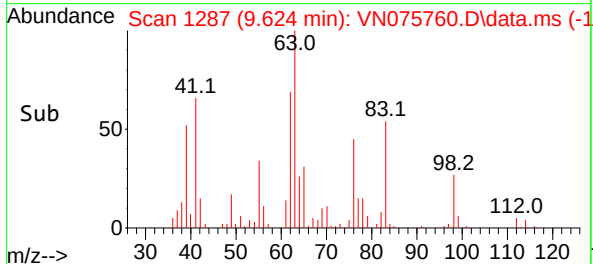
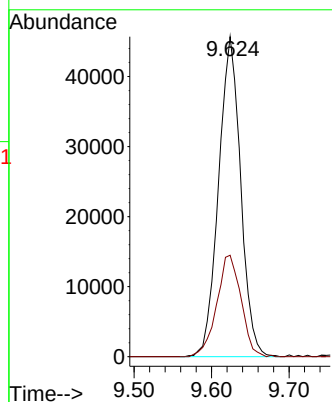
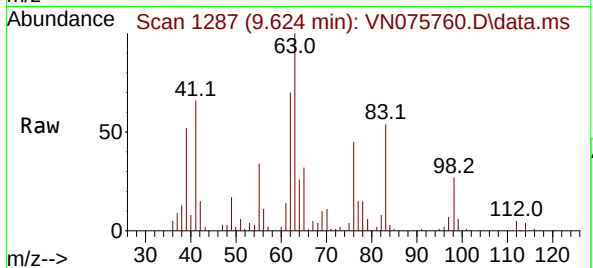
VSTDCCC050

Tgt Ion: 63 Resp: 90430

Ion Ratio Lower Upper

63 100

65 31.7 25.7 38.5



#46

Dibromomethane

Concen: 52.011 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

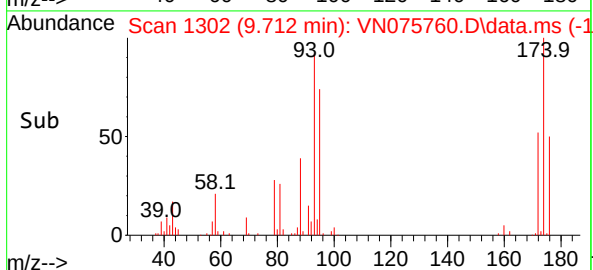
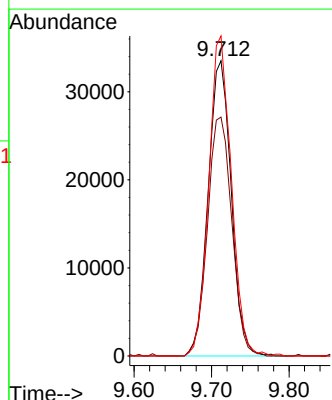
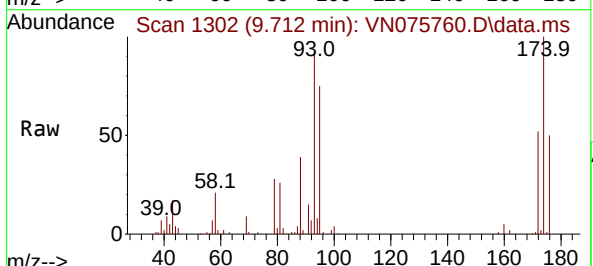
Tgt Ion: 93 Resp: 69505

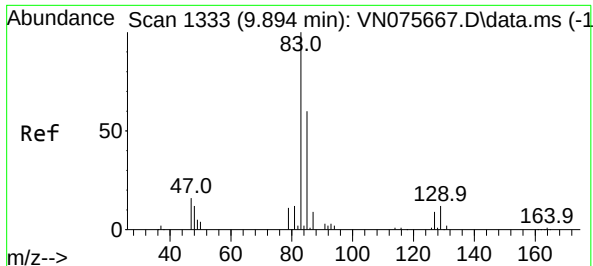
Ion Ratio Lower Upper

93 100

95 85.1 65.2 97.8

174 105.5 82.4 123.6

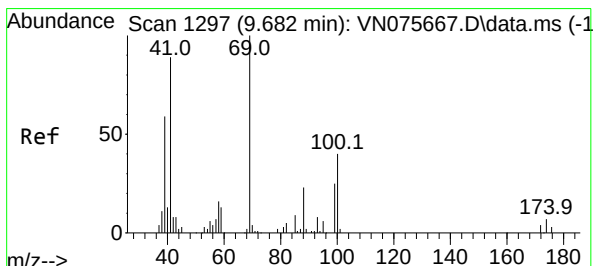
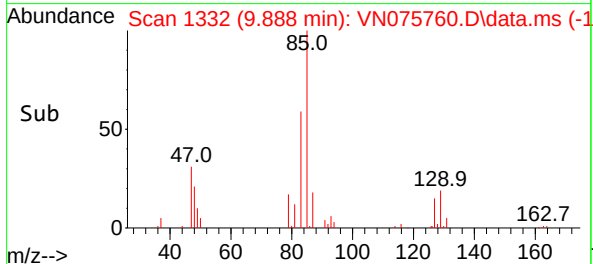
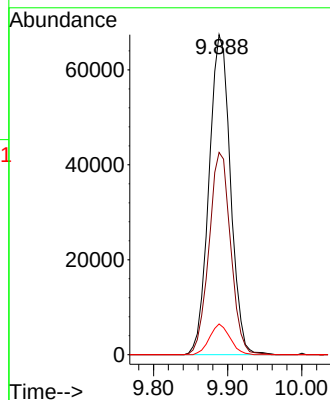
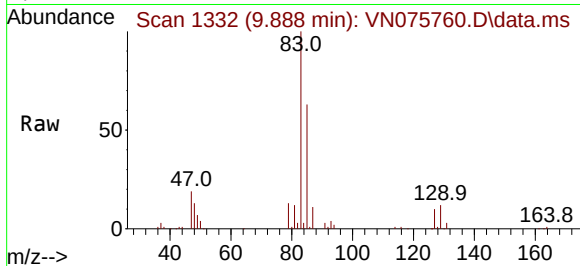




#47  
Bromodichloromethane  
Concen: 51.636 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

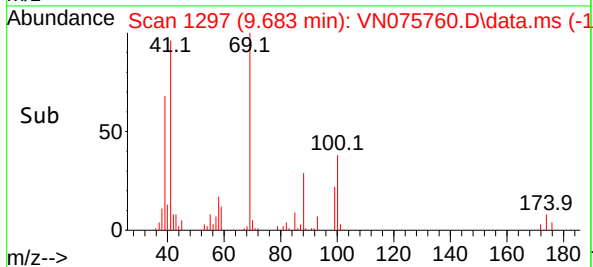
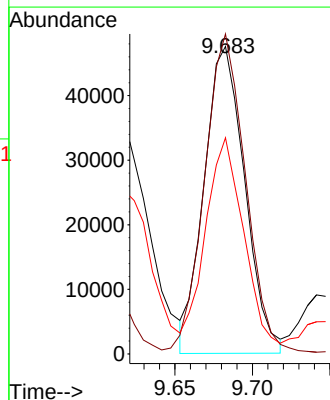
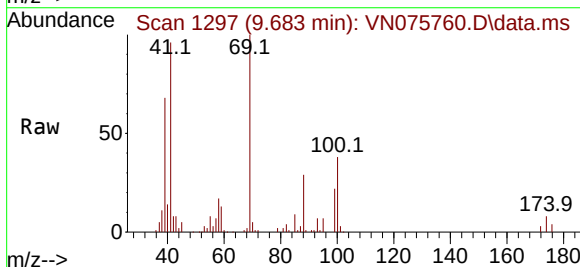
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

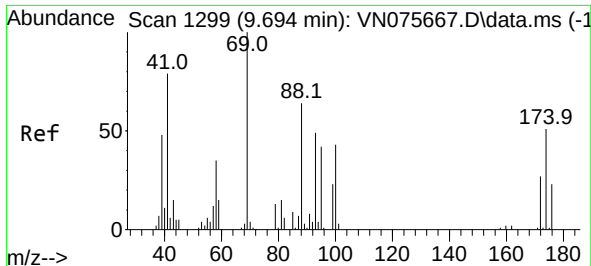
Tgt Ion: 83 Resp: 135320  
Ion Ratio Lower Upper  
83 100  
85 63.2 51.5 77.3  
127 9.6 6.6 10.0



#48  
Methyl methacrylate  
Concen: 60.481 ug/l  
RT: 9.683 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 41 Resp: 86615  
Ion Ratio Lower Upper  
41 100  
69 105.1 81.9 122.9  
39 67.9 51.6 77.4





#49

1,4-Dioxane

Concen: 1482.641 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

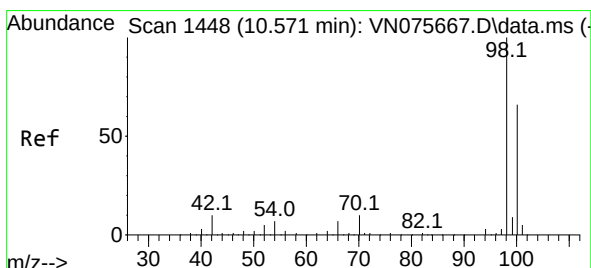
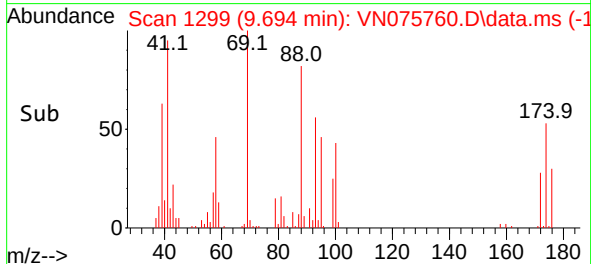
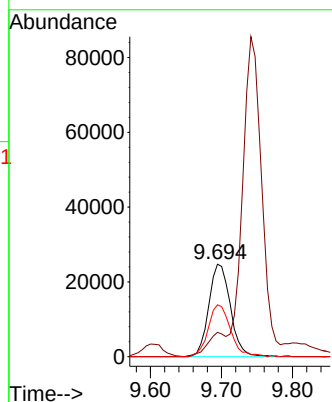
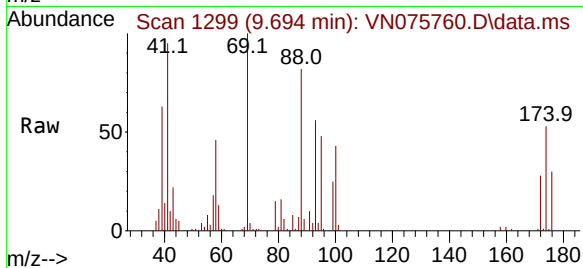
Tgt Ion: 88 Resp: 52200

Ion Ratio Lower Upper

88 100

43 22.0 17.1 25.7

58 58.4 47.8 71.8



#50

Toluene-d8

Concen: 52.675 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075760.D

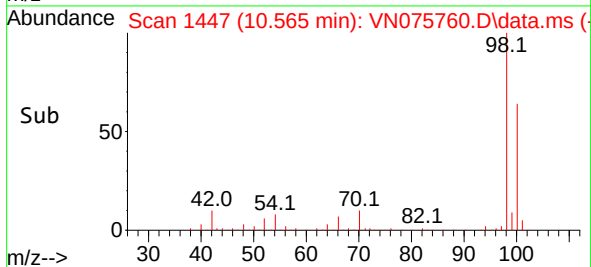
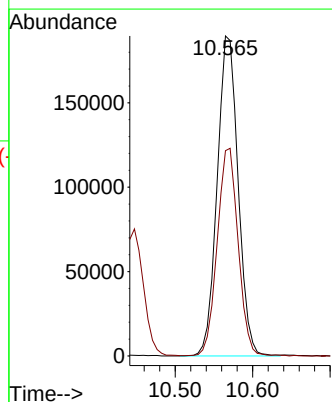
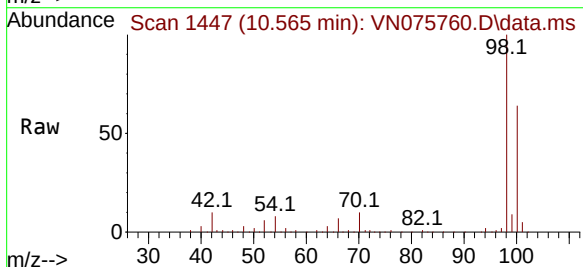
Acq: 14 Dec 2022 09:07

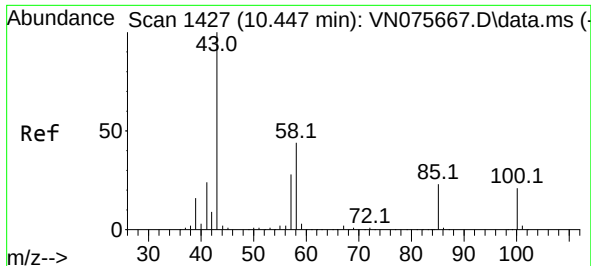
Tgt Ion: 98 Resp: 355781

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 328.457 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

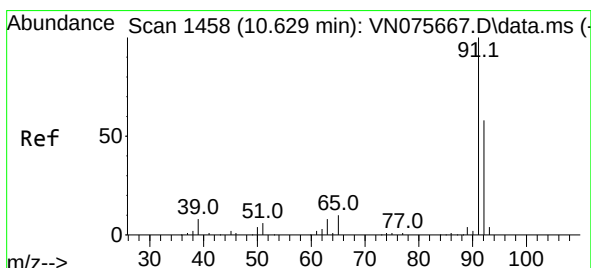
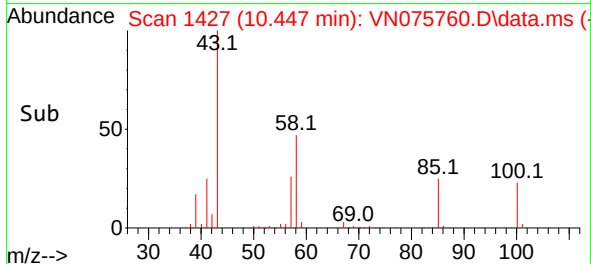
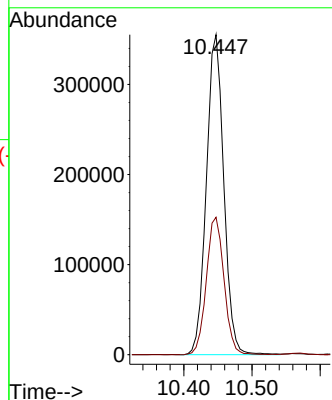
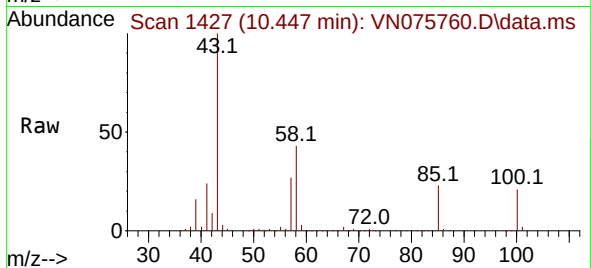
VSTDCCC050

Tgt Ion: 43 Resp: 631604

Ion Ratio Lower Upper

43 100

58 43.7 35.5 53.3



#52

Toluene

Concen: 51.786 ug/l

RT: 10.630 min Scan# 1458

Delta R.T. -0.006 min

Lab File: VN075760.D

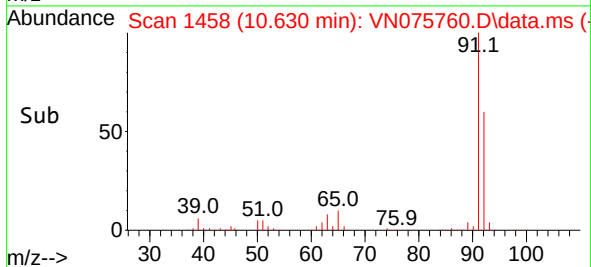
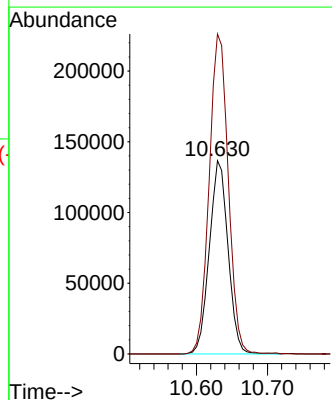
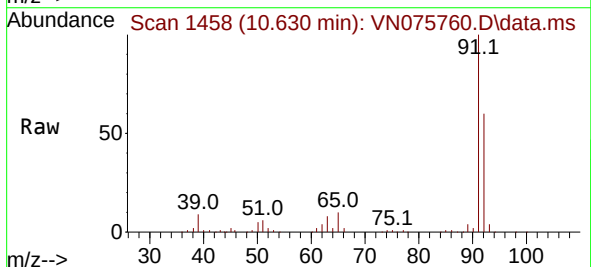
Acq: 14 Dec 2022 09:07

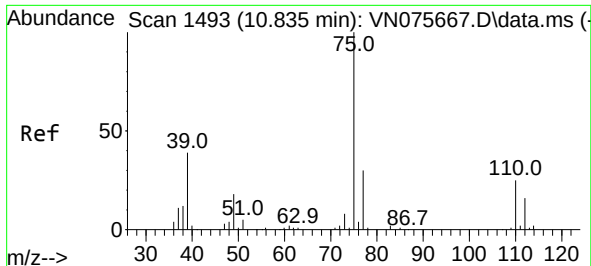
Tgt Ion: 92 Resp: 249715

Ion Ratio Lower Upper

92 100

91 168.8 137.3 205.9

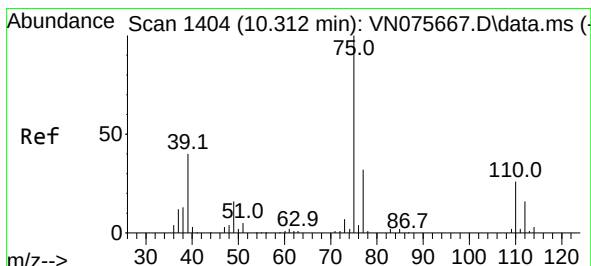
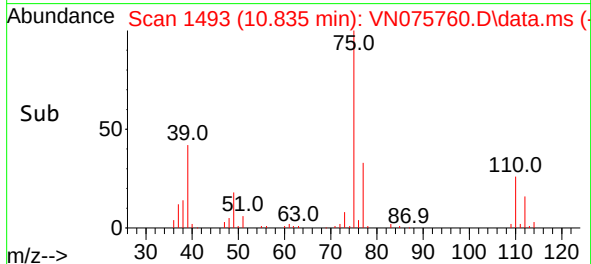
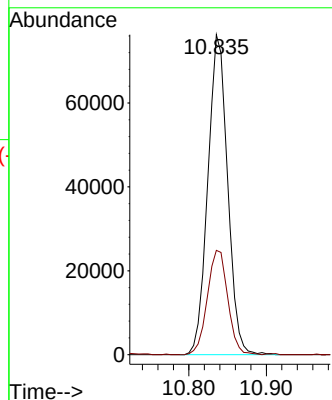
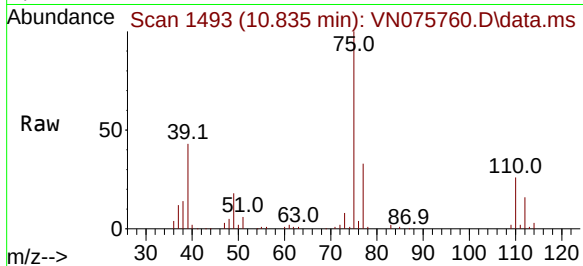




#53  
 t-1,3-Dichloropropene  
 Concen: 52.629 ug/l  
 RT: 10.835 min Scan# 1493  
 Delta R.T. 0.000 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

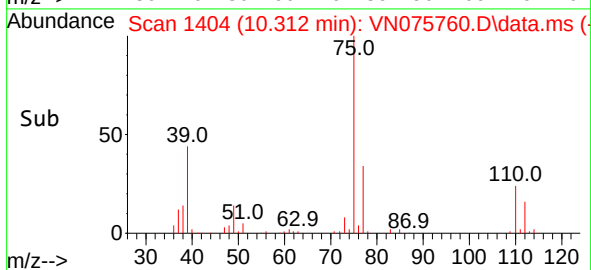
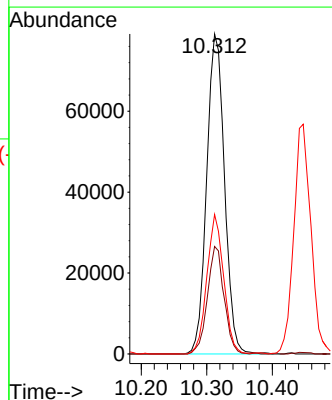
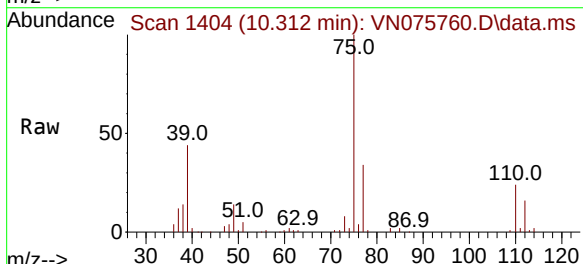
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

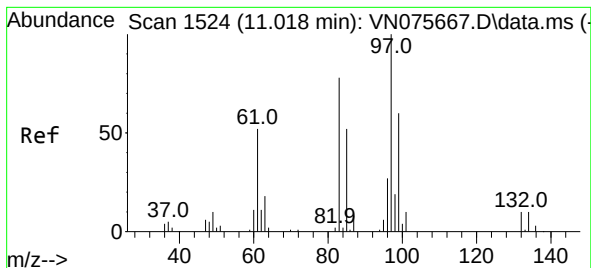
Tgt Ion: 75 Resp: 135009  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 24.9 37.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.146 ug/l  
 RT: 10.312 min Scan# 1404  
 Delta R.T. 0.000 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

Tgt Ion: 75 Resp: 149689  
 Ion Ratio Lower Upper  
 75 100  
 77 33.6 25.8 38.8  
 39 43.6 33.4 50.2

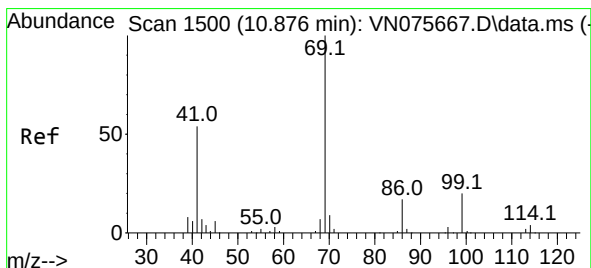
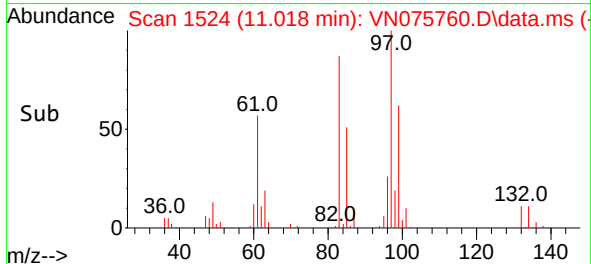
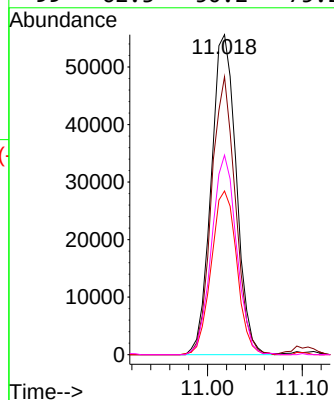
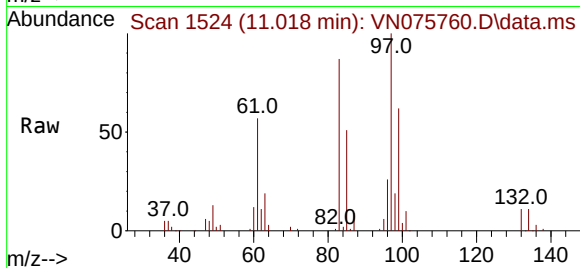




#55  
1,1,2-Trichloroethane  
Concen: 54.115 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

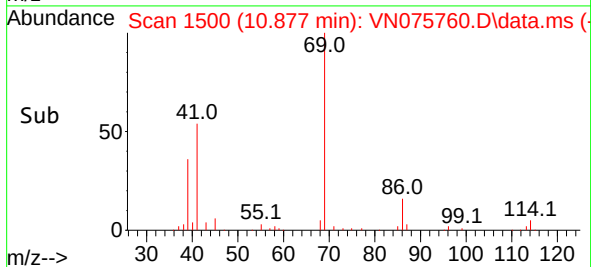
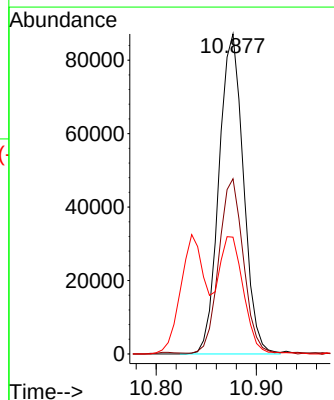
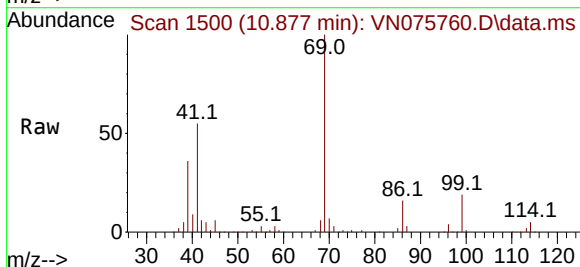
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 102422 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.9  | 65.0  | 97.4   |
| 85       | 51.2  | 43.0  | 64.6   |
| 99       | 62.3  | 50.2  | 75.2   |

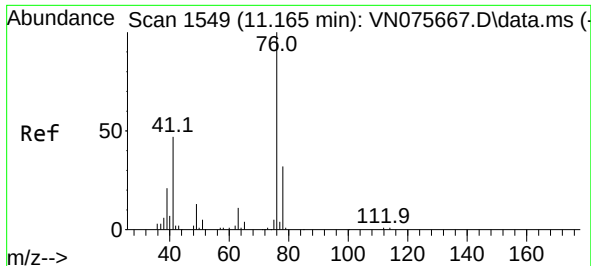


#56  
Ethyl methacrylate  
Concen: 58.663 ug/l  
RT: 10.877 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 147479 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 55.3  | 44.2  | 66.4   |
| 39       | 38.4  | 26.4  | 39.6   |







#57

1,3-Dichloropropane

Concen: 52.798 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

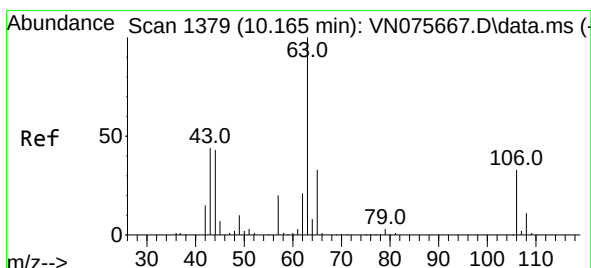
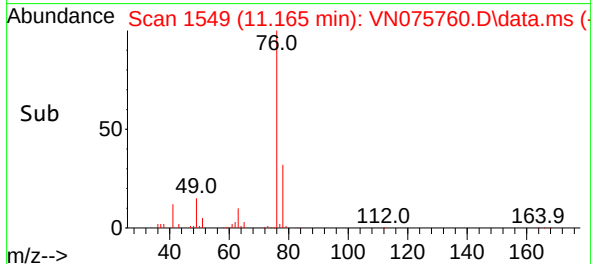
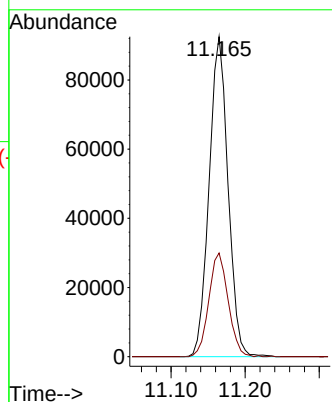
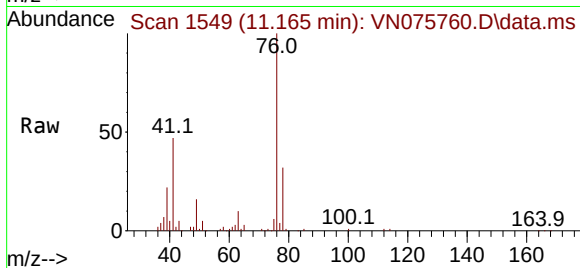
VSTDCCC050

Tgt Ion: 76 Resp: 163916

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 295.226 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075760.D

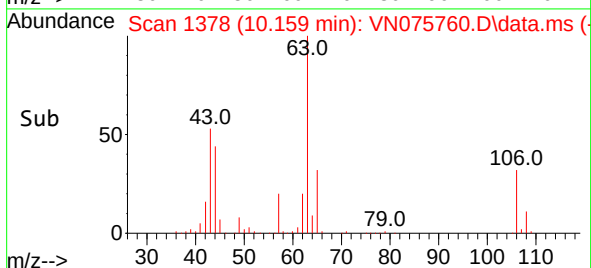
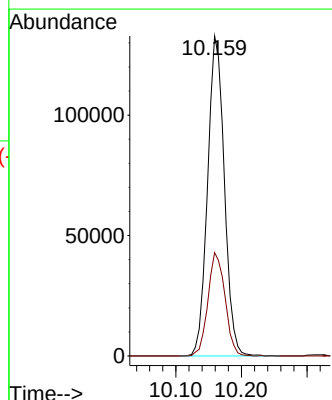
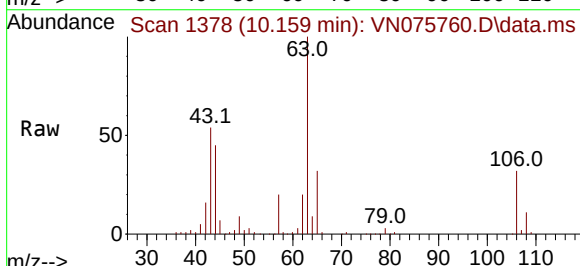
Acq: 14 Dec 2022 09:07

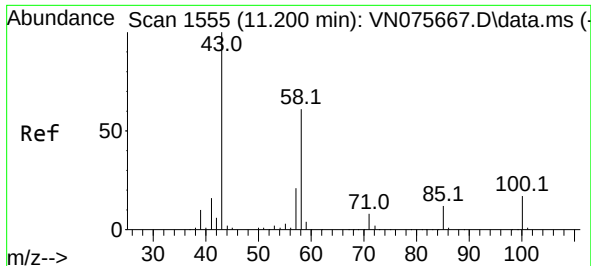
Tgt Ion: 63 Resp: 236302

Ion Ratio Lower Upper

63 100

106 32.8 26.4 39.6





#59

2-Hexanone

Concen: 361.944 ug/l

RT: 11.194 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

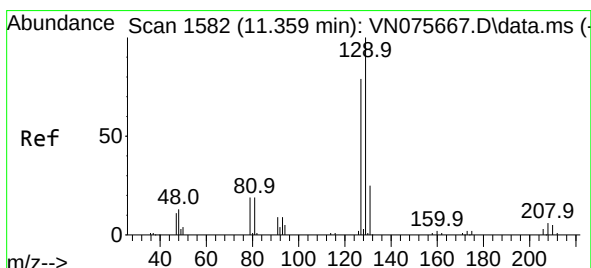
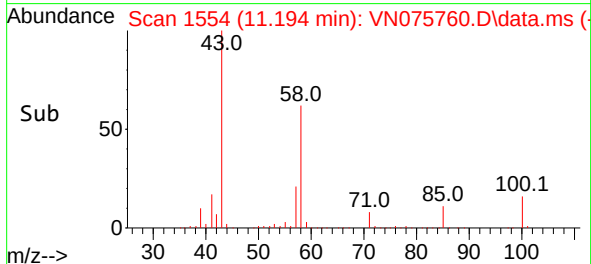
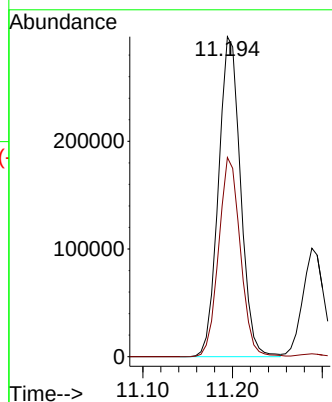
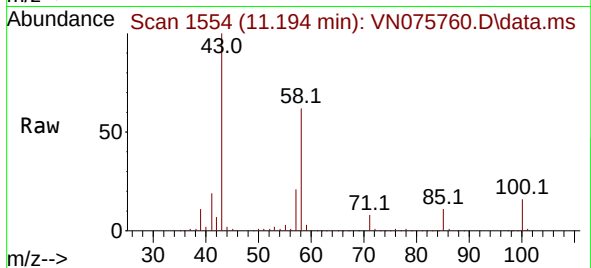
VSTDCCC050

Tgt Ion: 43 Resp: 507570

Ion Ratio Lower Upper

43 100

58 61.2 30.6 92.0



#60

Dibromochloromethane

Concen: 53.000 ug/l

RT: 11.359 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VN075760.D

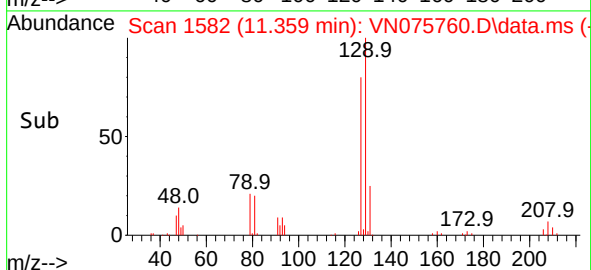
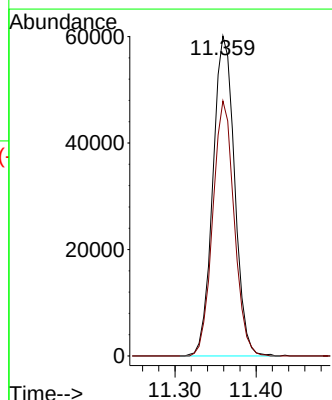
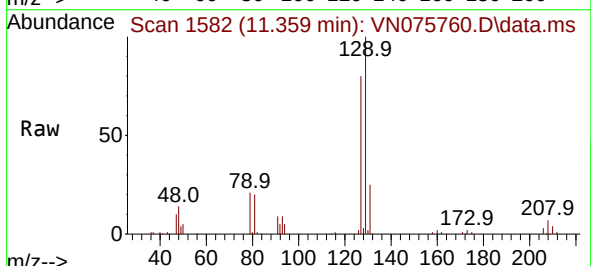
Acq: 14 Dec 2022 09:07

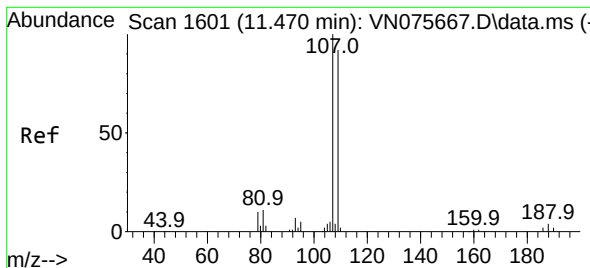
Tgt Ion:129 Resp: 111558

Ion Ratio Lower Upper

129 100

127 78.7 38.3 114.9

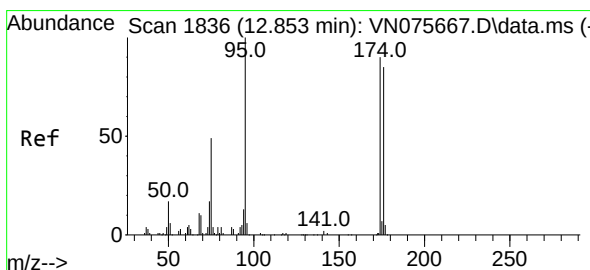
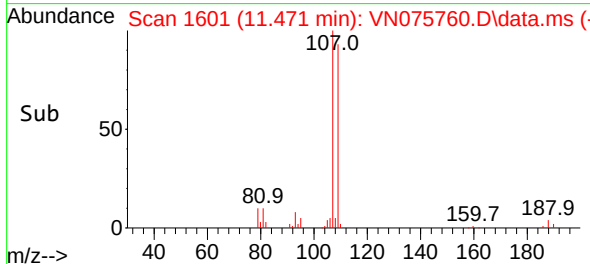
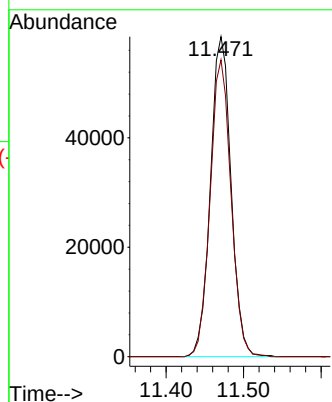
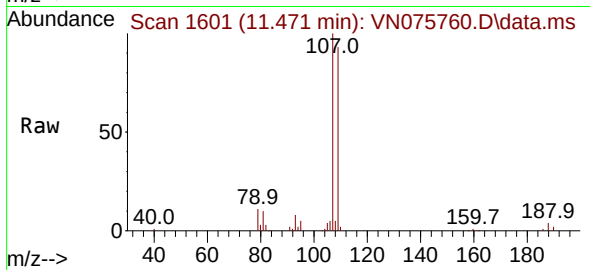




#61  
1,2-Dibromoethane  
Concen: 56.362 ug/l  
RT: 11.471 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

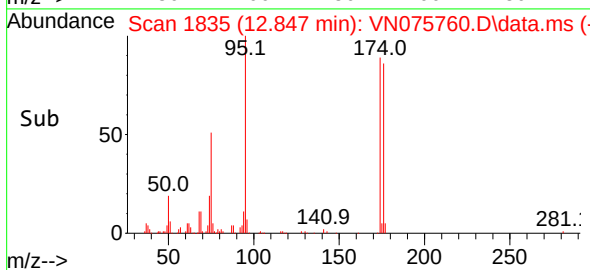
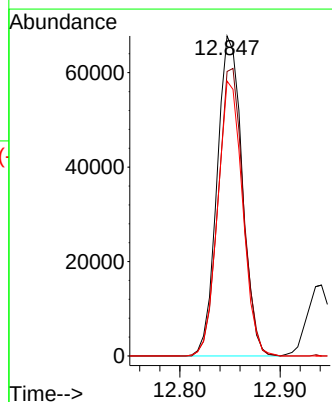
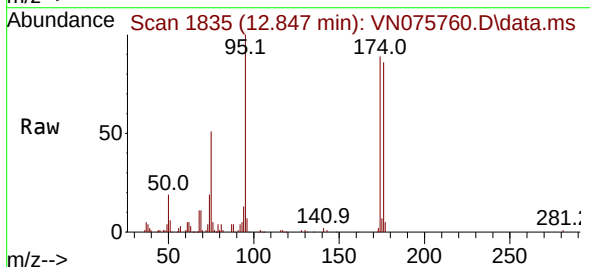
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

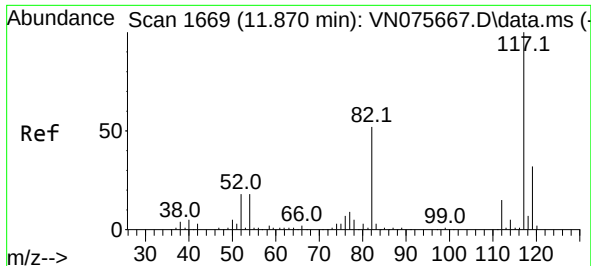
Tgt Ion:107 Resp: 107953  
Ion Ratio Lower Upper  
107 100  
109 93.8 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 52.723 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. -0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 95 Resp: 117946  
Ion Ratio Lower Upper  
95 100  
174 89.4 0.0 171.6  
176 85.1 0.0 169.2

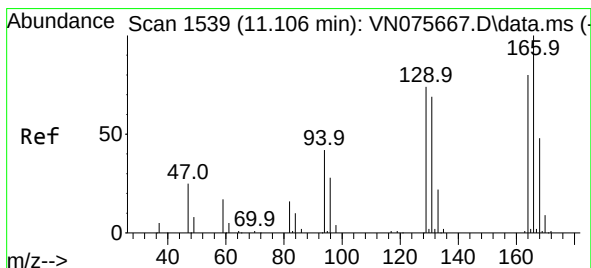
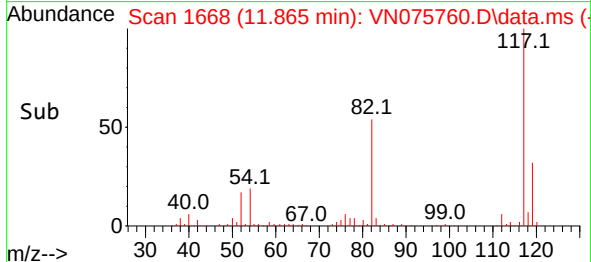
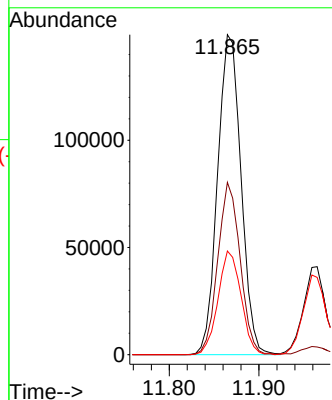
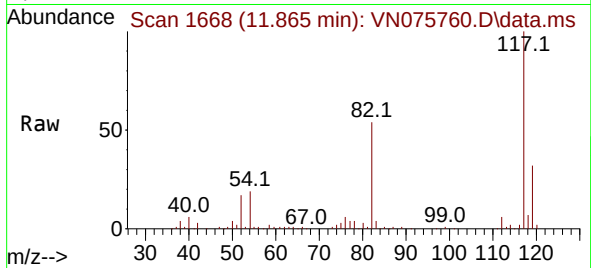




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

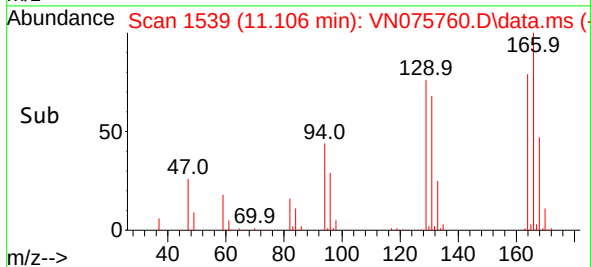
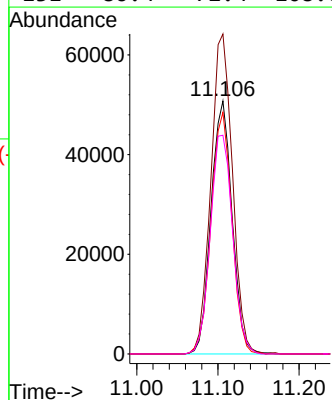
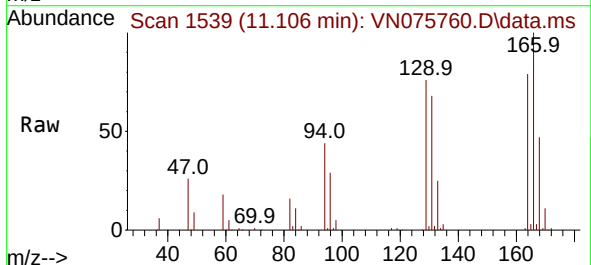
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

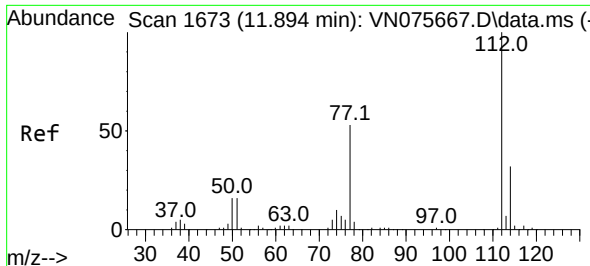
Tgt Ion:117 Resp: 270809  
Ion Ratio Lower Upper  
117 100  
82 53.9 41.3 61.9  
119 32.4 24.6 37.0



#64  
Tetrachloroethene  
Concen: 48.196 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion:164 Resp: 91844  
Ion Ratio Lower Upper  
164 100  
166 126.5 101.9 152.9  
129 95.5 74.2 111.2  
131 86.4 72.4 108.6

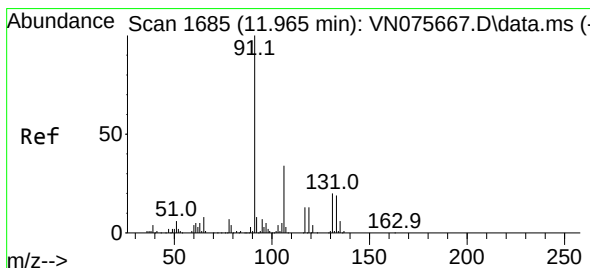
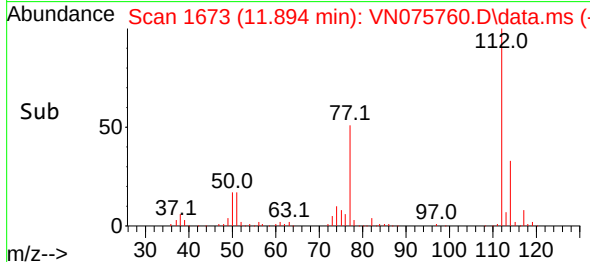
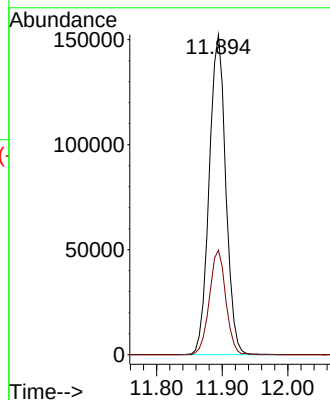
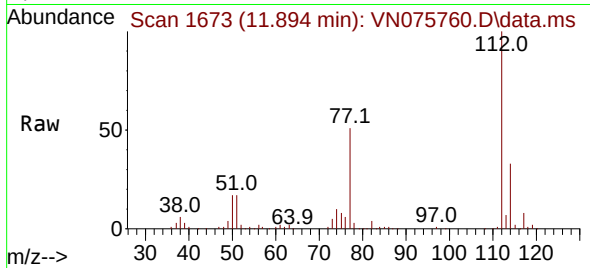




#65  
Chlorobenzene  
Concen: 48.118 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

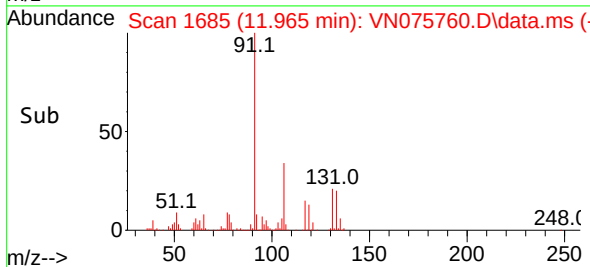
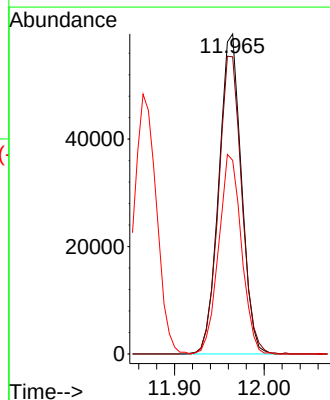
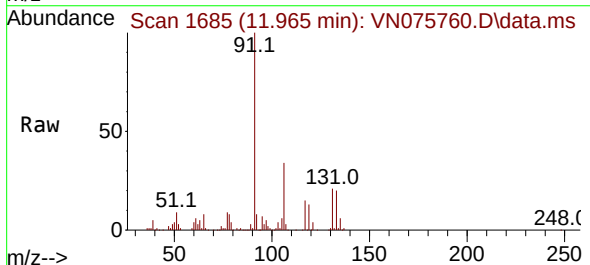
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

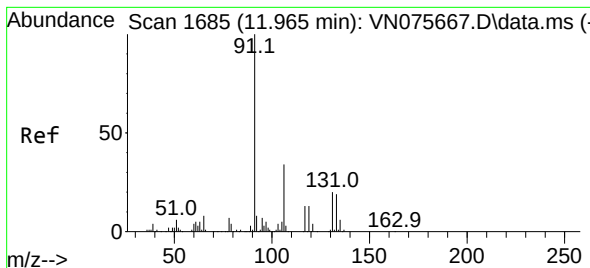
Tgt Ion:112 Resp: 267455  
Ion Ratio Lower Upper  
112 100  
114 32.7 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.479 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion:131 Resp: 103925  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.5 142.5  
119 63.1 31.9 95.7





#67

Ethyl Benzene

Concen: 50.621 ug/l

RT: 11.965 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

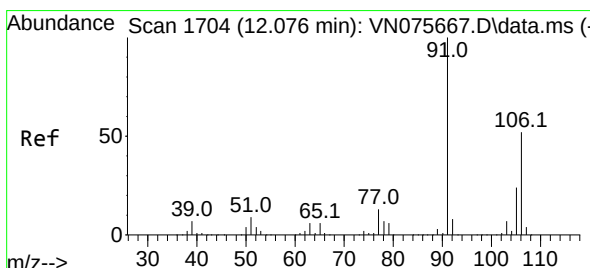
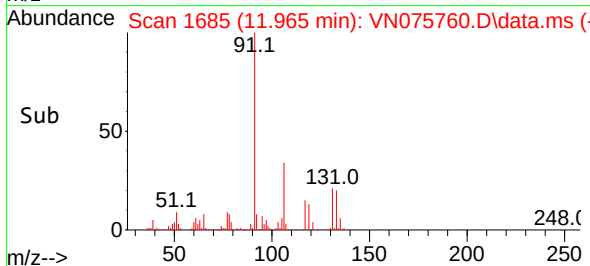
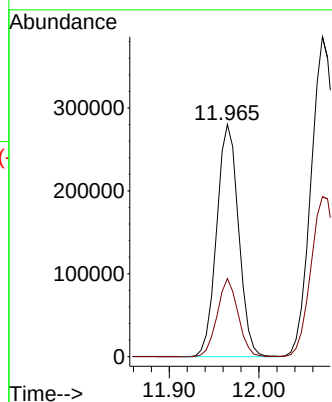
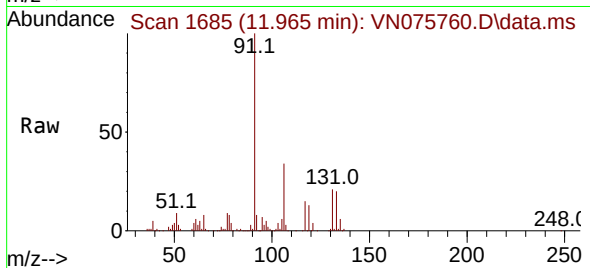
VSTDCCC050

Tgt Ion: 91 Resp: 474872

Ion Ratio Lower Upper

91 100

106 33.7 25.7 38.5



#68

m/p-Xylenes

Concen: 103.624 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VN075760.D

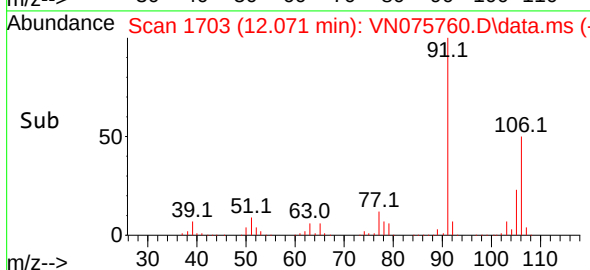
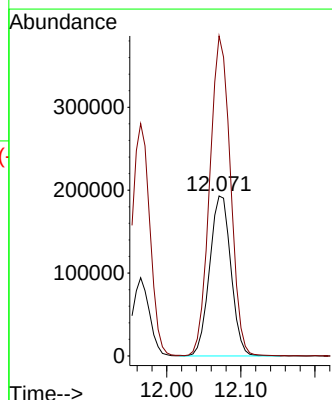
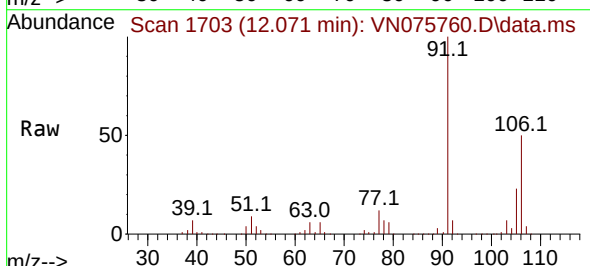
Acq: 14 Dec 2022 09:07

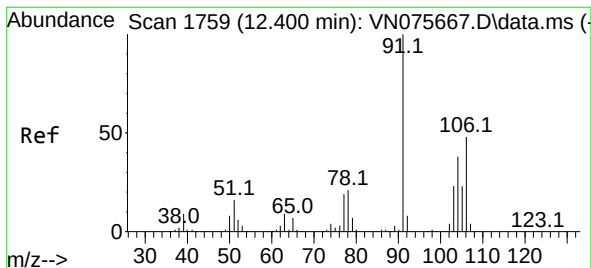
Tgt Ion:106 Resp: 384753

Ion Ratio Lower Upper

106 100

91 195.0 156.6 235.0





#69

o-Xylene

Concen: 51.839 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

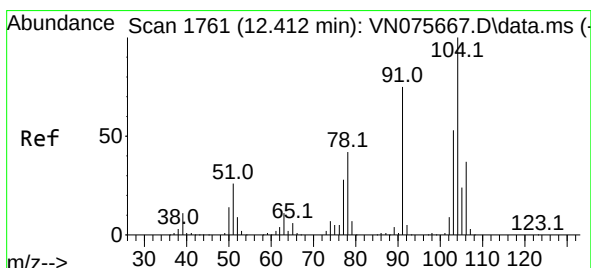
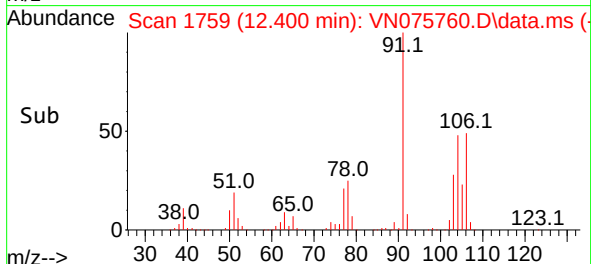
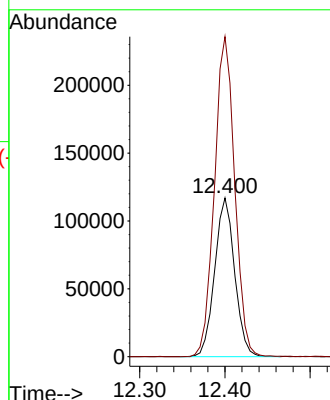
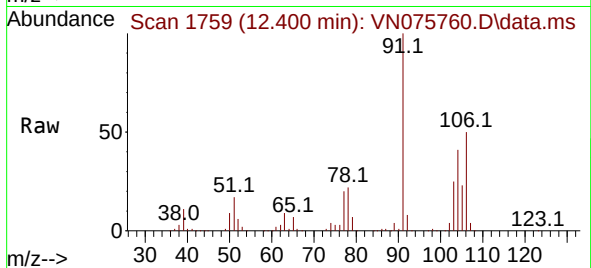
VSTDCCC050

Tgt Ion:106 Resp: 190476

Ion Ratio Lower Upper

106 100

91 205.1 103.8 311.6



#70

Styrene

Concen: 52.908 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

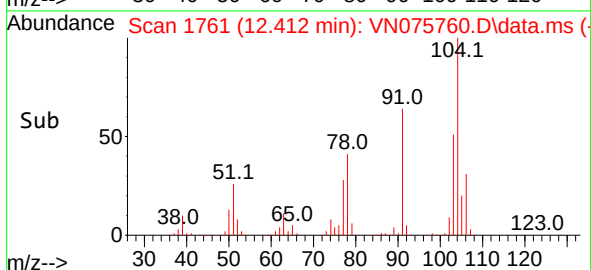
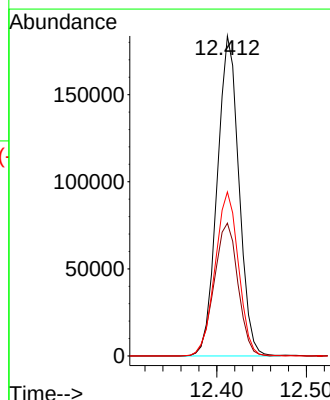
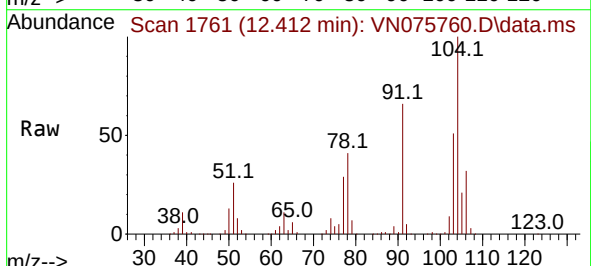
Tgt Ion:104 Resp: 309102

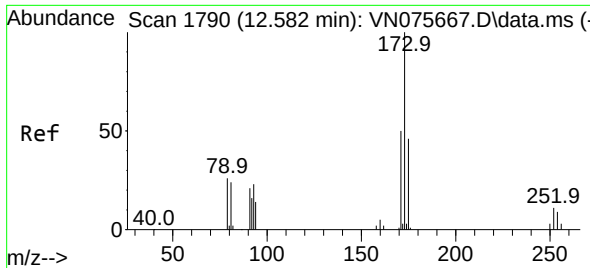
Ion Ratio Lower Upper

104 100

78 45.6 37.5 56.3

103 55.0 43.5 65.3

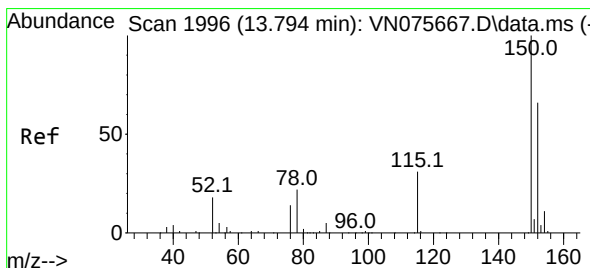
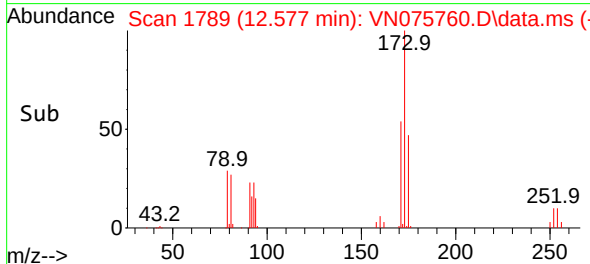
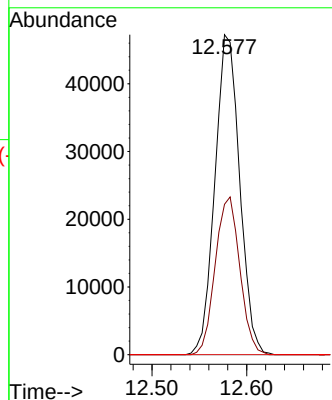
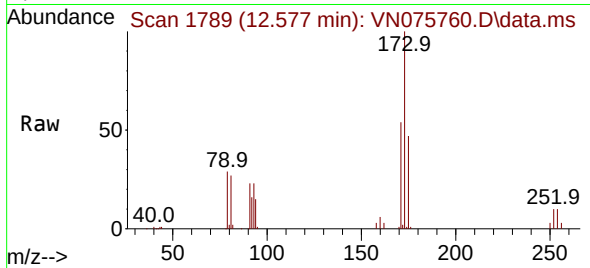




#71  
Bromoform  
Concen: 57.294 ug/l  
RT: 12.577 min Scan# 1790  
Delta R.T. -0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

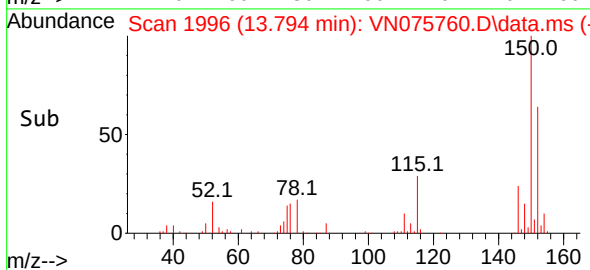
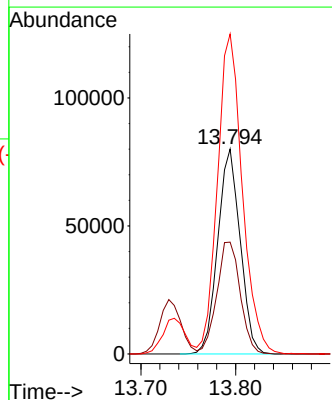
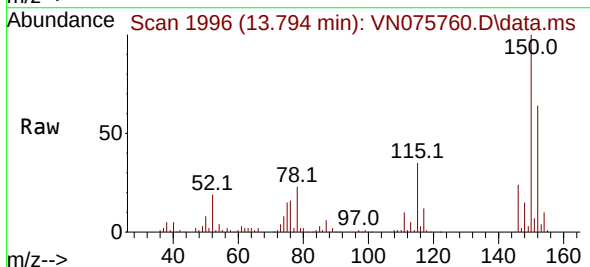
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 85831  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.3 72.8  
254 0.0 0.0 0.0

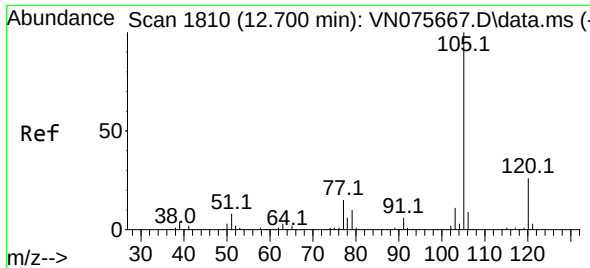


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion:152 Resp: 131404  
Ion Ratio Lower Upper  
152 100  
115 57.2 29.1 87.4  
150 173.4 0.0 347.0



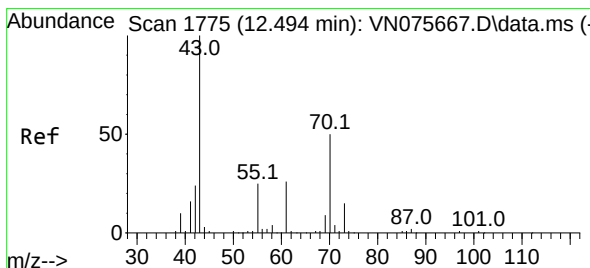
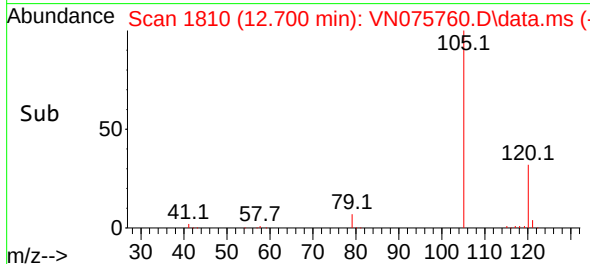
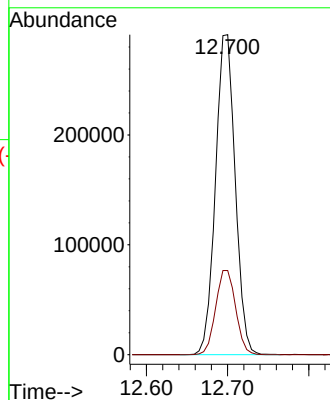
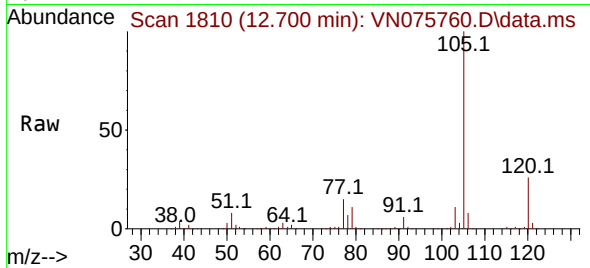




#73  
Isopropylbenzene  
Concen: 51.804 ug/l  
RT: 12.700 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

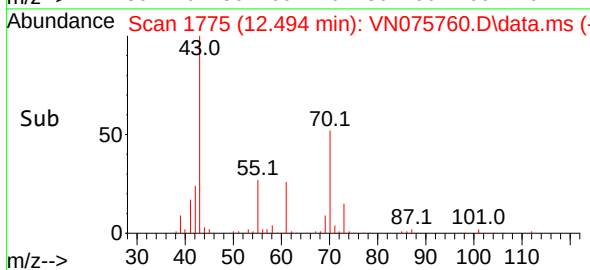
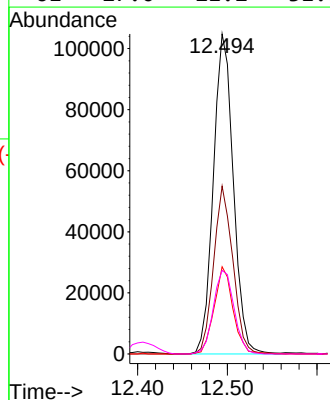
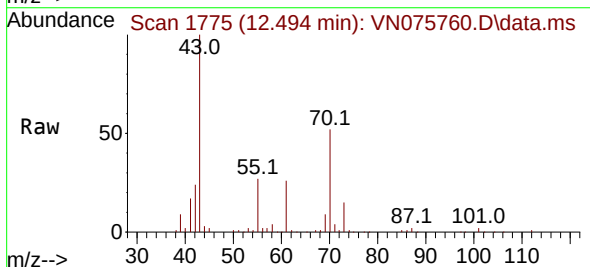
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ClientSampleId :  
VSTDCCC050

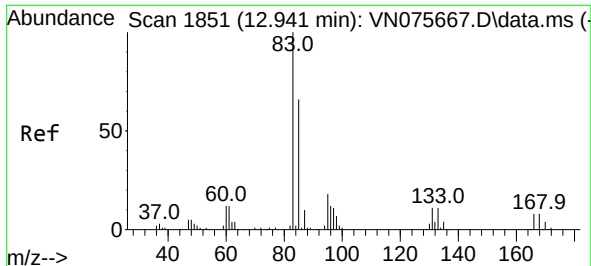
Tgt Ion:105 Resp: 491923  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.4 40.2



#74  
N-ethyl acetate  
Concen: 58.181 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 43 Resp: 162078  
Ion Ratio Lower Upper  
43 100  
70 50.5 41.4 62.0  
55 25.9 21.3 31.9  
61 27.0 21.2 31.8

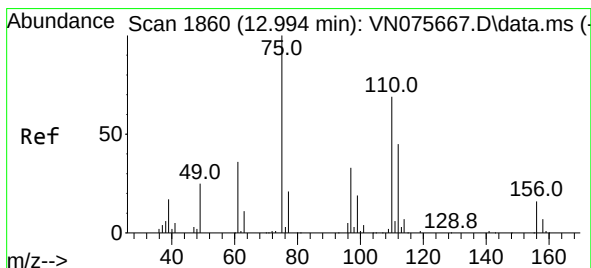
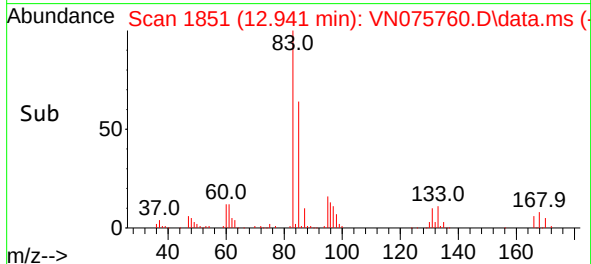
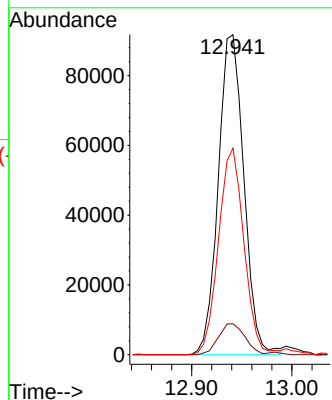
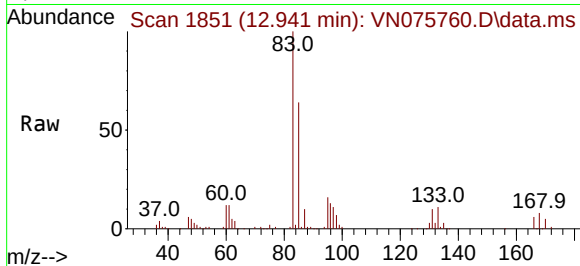




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 55.406 ug/l  
 RT: 12.941 min Scan# 1851  
 Delta R.T. 0.000 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

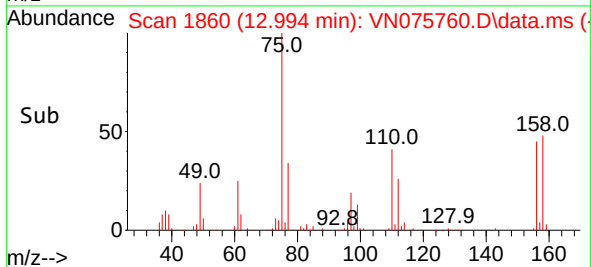
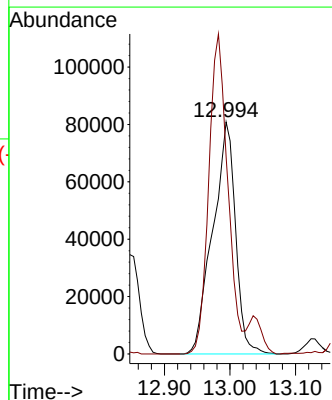
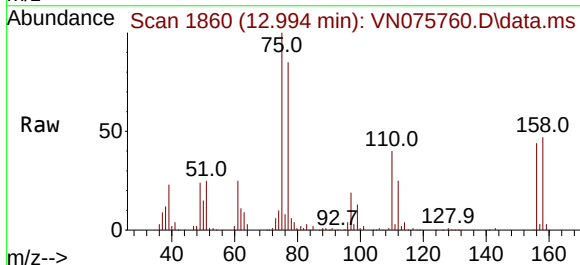
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 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

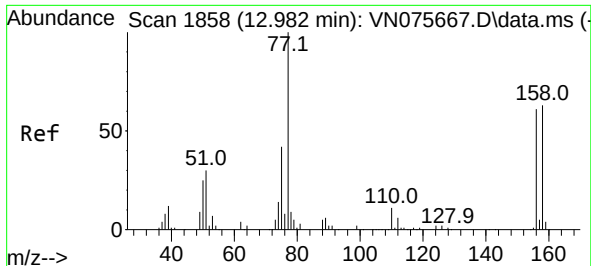
Tgt Ion: 83 Resp: 162647  
 Ion Ratio Lower Upper  
 83 100  
 131 10.1 5.6 16.8  
 85 64.0 32.6 98.0



#76  
 1,2,3-Trichloropropane  
 Concen: 73.372 ug/l  
 RT: 12.994 min Scan# 1860  
 Delta R.T. 0.000 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

Tgt Ion: 75 Resp: 194346  
 Ion Ratio Lower Upper  
 75 100  
 77 115.9 82.6 247.8

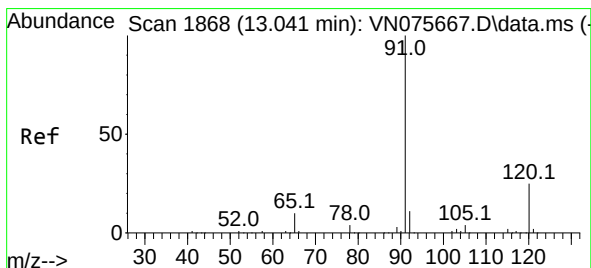
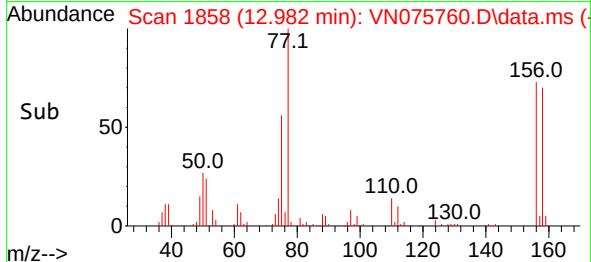
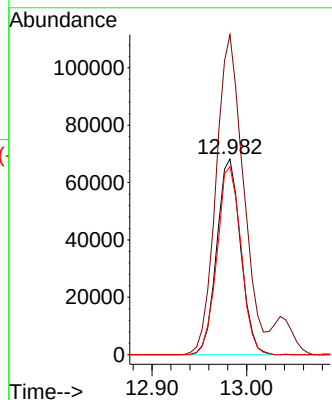
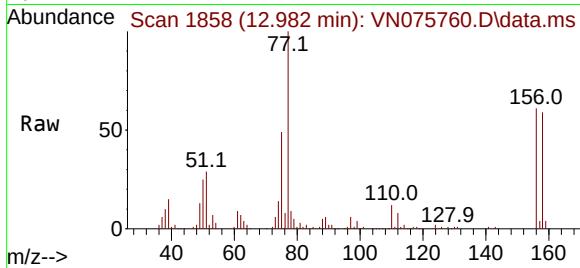




#77  
Bromobenzene  
Concen: 49.653 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

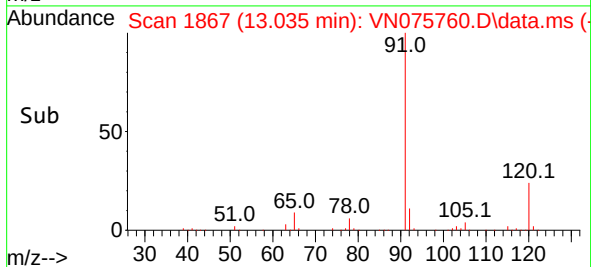
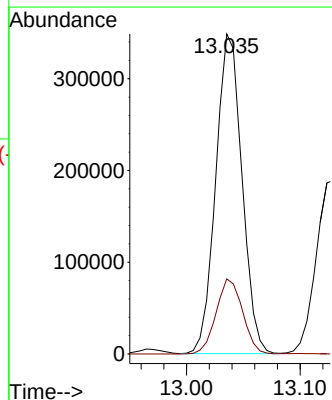
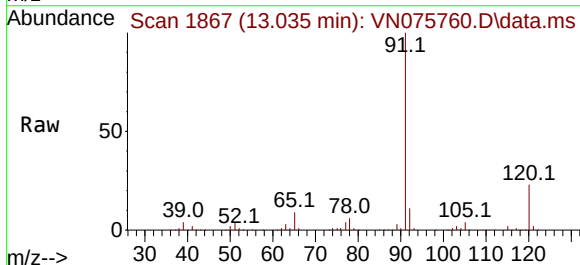
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

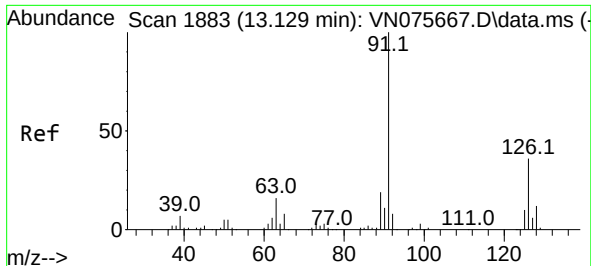
Tgt Ion:156 Resp: 119324  
Ion Ratio Lower Upper  
156 100  
77 188.7 93.8 281.3  
158 96.7 48.9 146.6



#78  
n-propylbenzene  
Concen: 53.356 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 91 Resp: 558813  
Ion Ratio Lower Upper  
91 100  
120 23.7 12.0 36.1

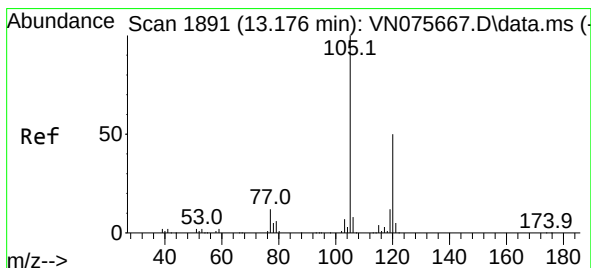
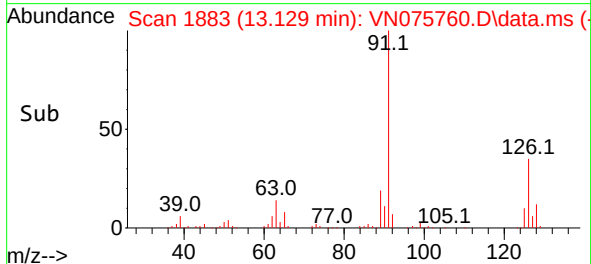
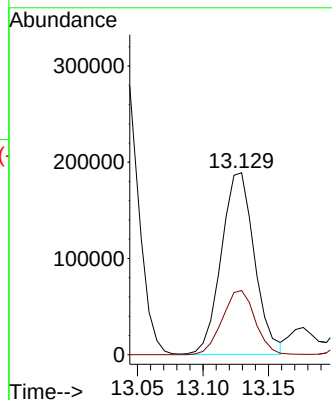
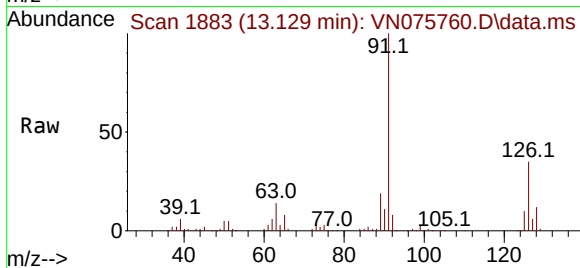




#79  
2-Chlorotoluene  
Concen: 50.918 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

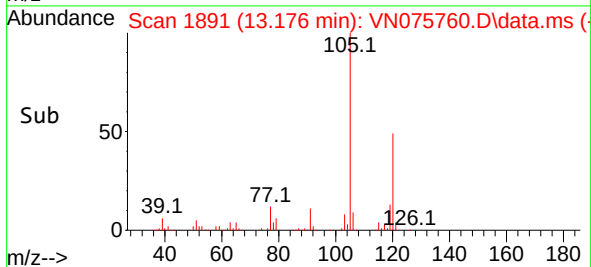
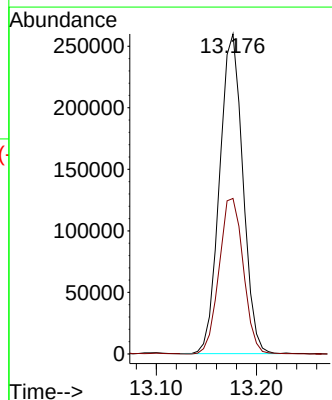
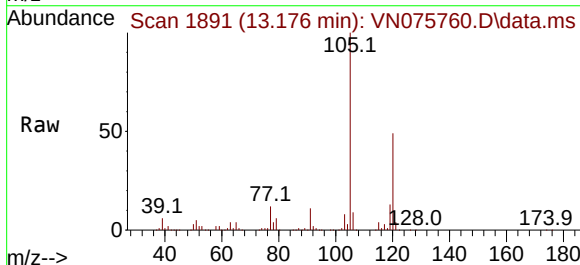
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

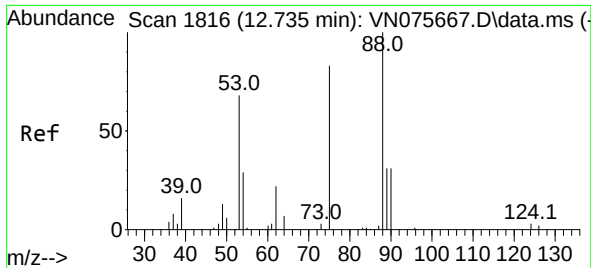
Tgt Ion: 91 Resp: 332891  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.5 52.5



#80  
1,3,5-Trimethylbenzene  
Concen: 52.670 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 105 Resp: 418597  
Ion Ratio Lower Upper  
105 100  
120 50.7 24.7 74.1

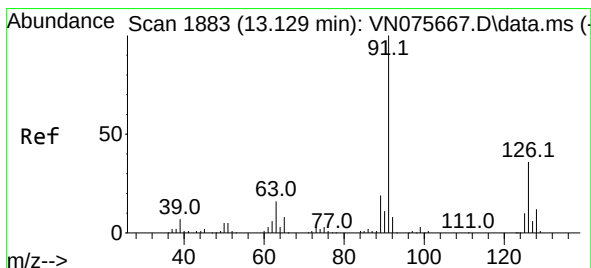
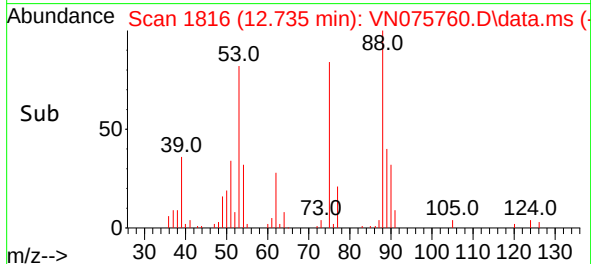
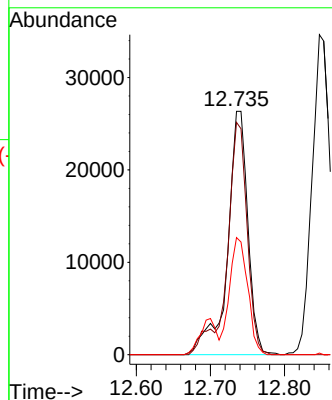
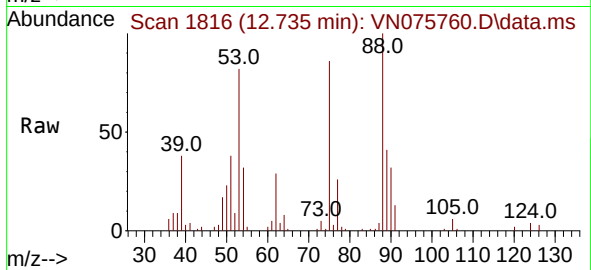




#81  
trans-1,4-Dichloro-2-butene  
Concen: 68.574 ug/l  
RT: 12.735 min Scan# 1816  
Delta R.T. -0.006 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

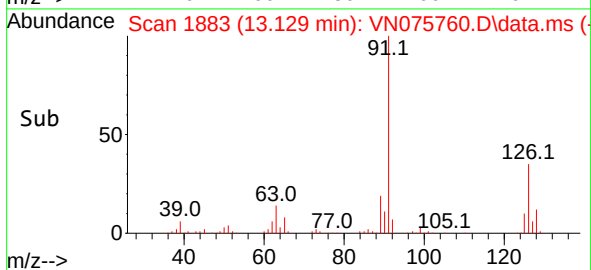
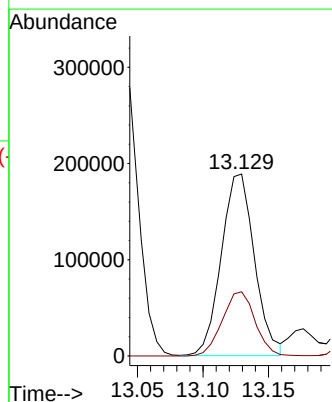
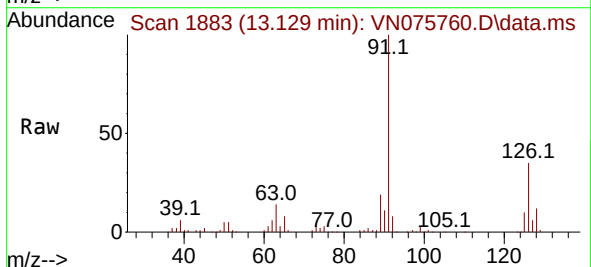
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

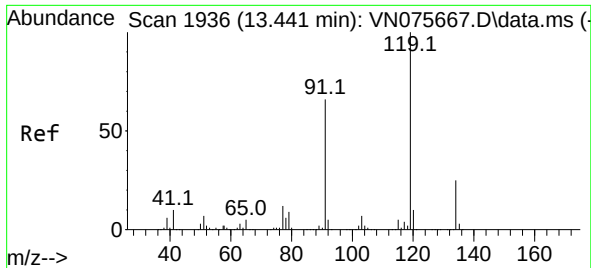
Tgt Ion: 75 Resp: 50462  
Ion Ratio Lower Upper  
75 100  
53 92.9 73.8 110.6  
89 42.9 39.5 59.3



#82  
4-Chlorotoluene  
Concen: 50.918 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion: 91 Resp: 332891  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.5 52.5

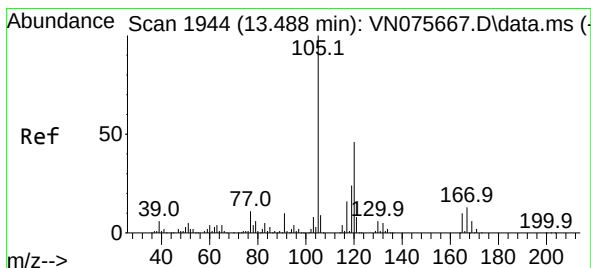
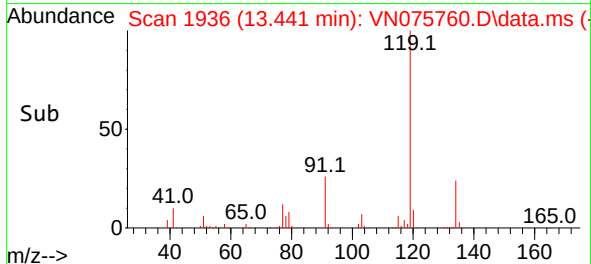
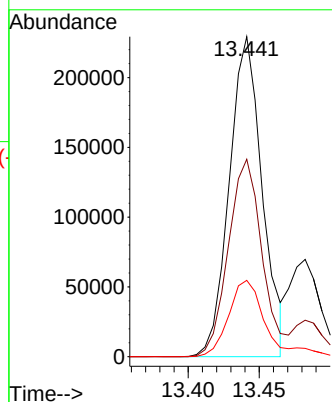
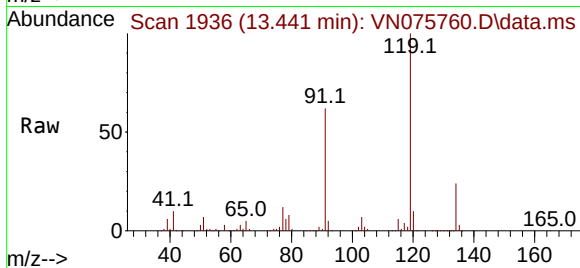




#83  
 tert-Butylbenzene  
 Concen: 52.723 ug/l  
 RT: 13.441 min Scan# 1936  
 Delta R.T. 0.000 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

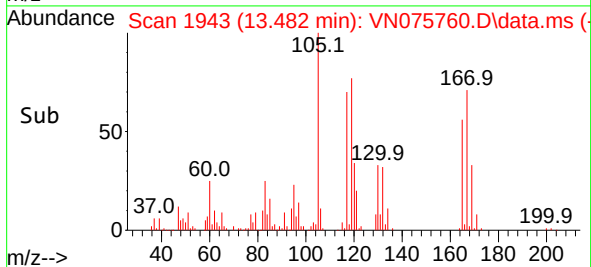
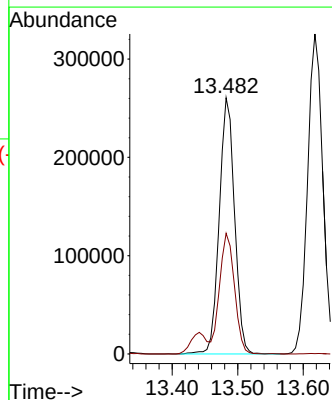
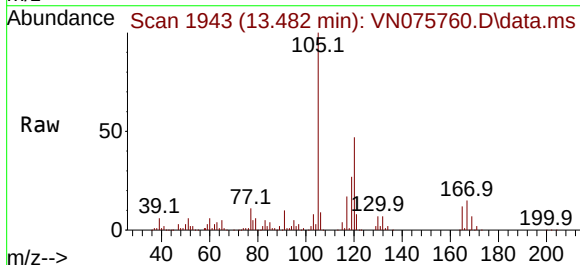
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

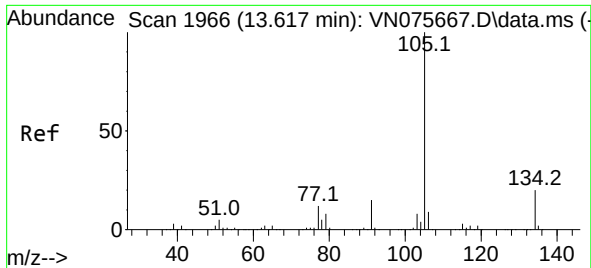
Tgt Ion:119 Resp: 369437  
 Ion Ratio Lower Upper  
 119 100  
 91 64.0 31.9 95.5  
 134 26.9 13.8 41.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.328 ug/l  
 RT: 13.482 min Scan# 1943  
 Delta R.T. 0.000 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

Tgt Ion:105 Resp: 420453  
 Ion Ratio Lower Upper  
 105 100  
 120 45.8 23.3 69.8

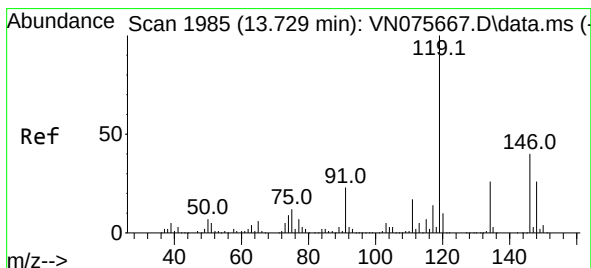
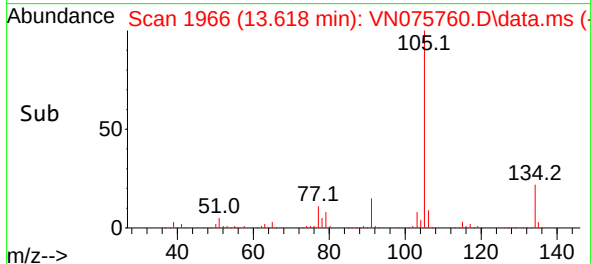
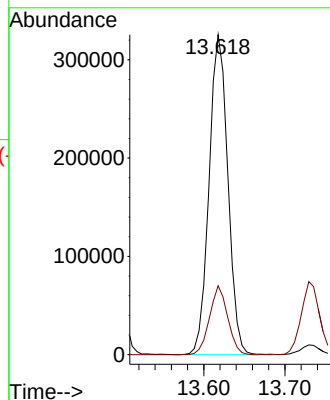
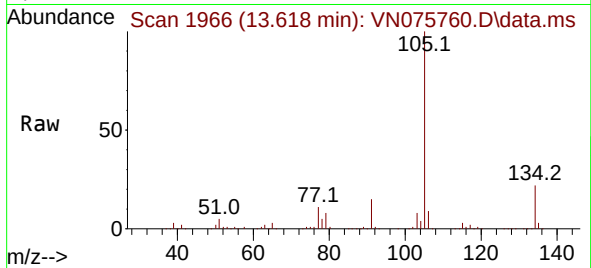




#85  
 sec-Butylbenzene  
 Concen: 54.050 ug/l  
 RT: 13.618 min Scan# 1966  
 Delta R.T. 0.000 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

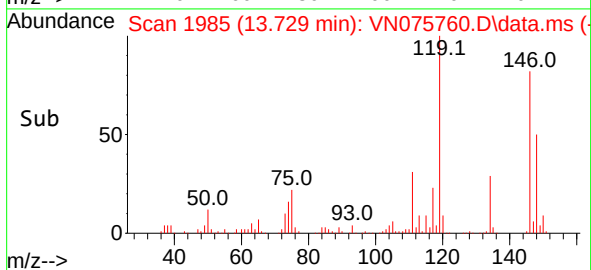
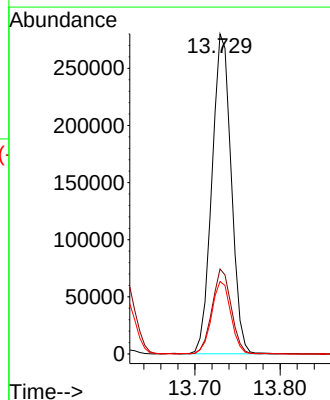
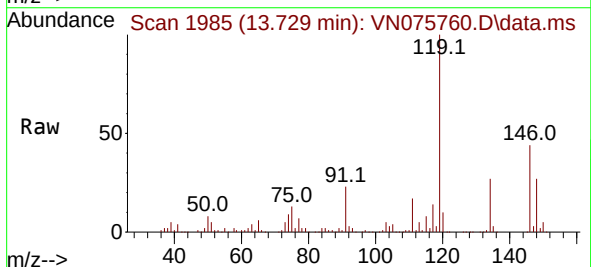
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

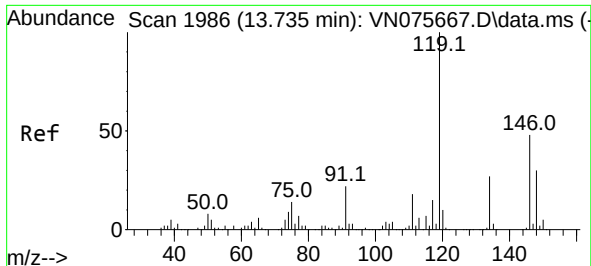
Tgt Ion:105 Resp: 522750  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 54.615 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. 0.000 min  
 Lab File: VN075760.D  
 Acq: 14 Dec 2022 09:07

Tgt Ion:119 Resp: 439522  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.0 39.0  
 91 22.3 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 50.448 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

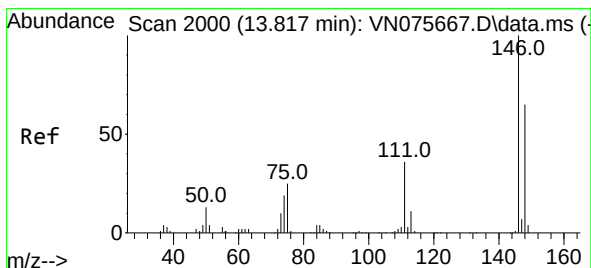
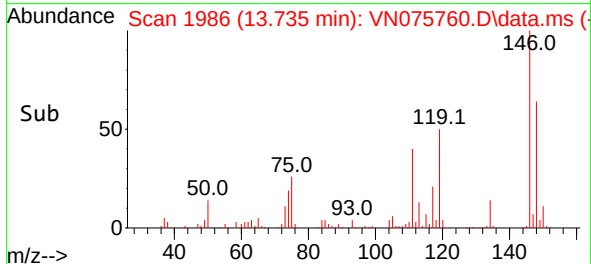
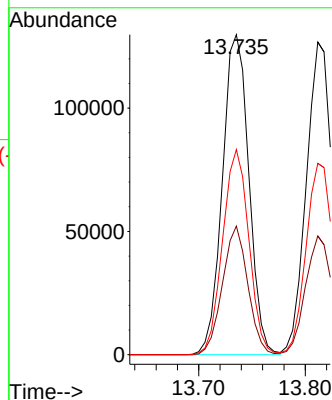
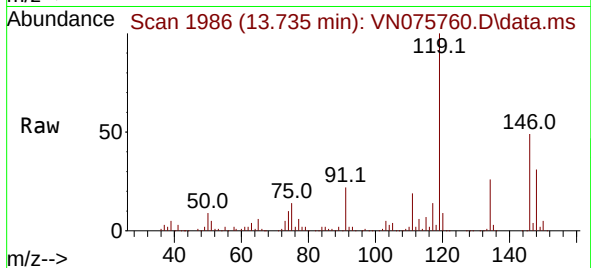
Tgt Ion:146 Resp: 223945

Ion Ratio Lower Upper

146 100

111 38.5 19.7 59.0

148 63.6 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 48.109 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

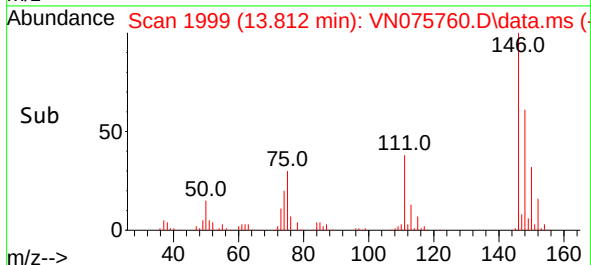
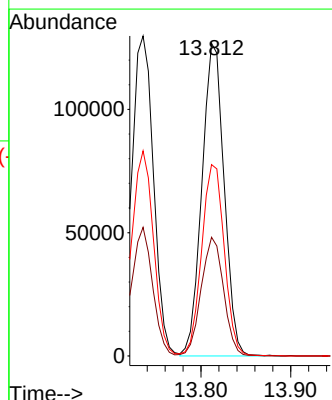
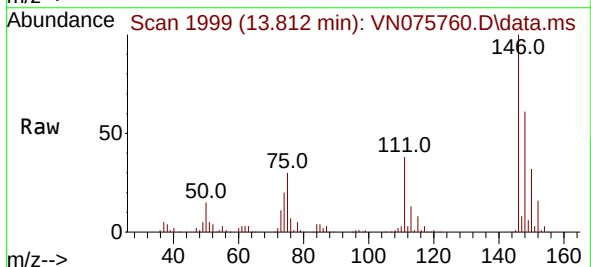
Tgt Ion:146 Resp: 218168

Ion Ratio Lower Upper

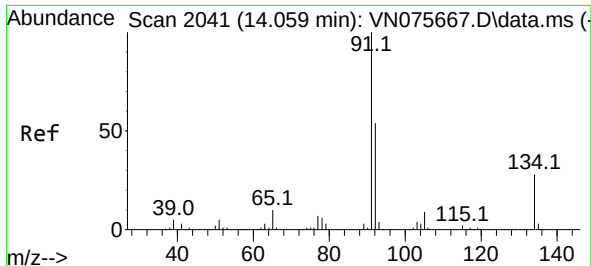
146 100

111 38.3 19.1 57.1

148 62.4 32.0 96.2







#89

n-Butylbenzene

Concen: 52.599 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

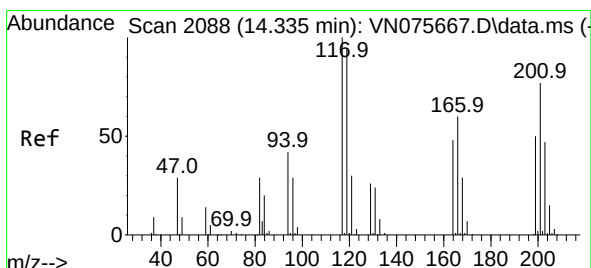
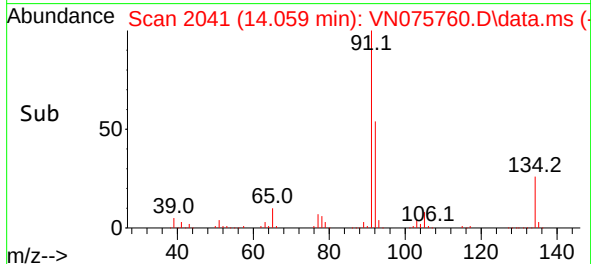
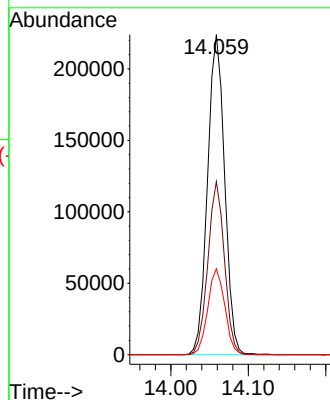
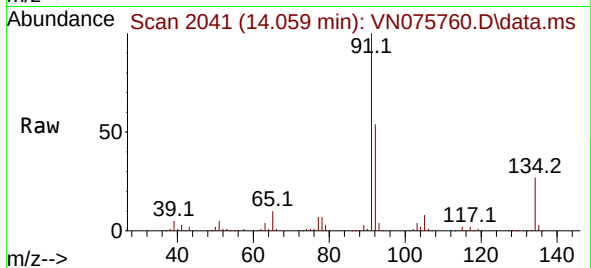
Tgt Ion: 91 Resp: 342921

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.2

134 26.7 13.4 40.2



#90

Hexachloroethane

Concen: 53.099 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075760.D

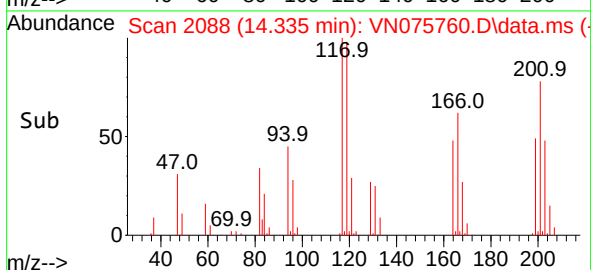
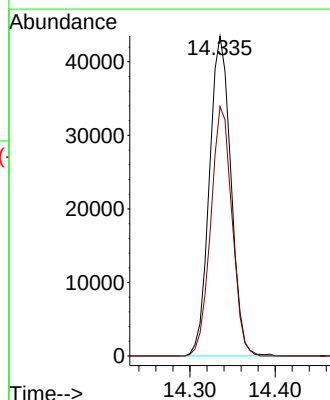
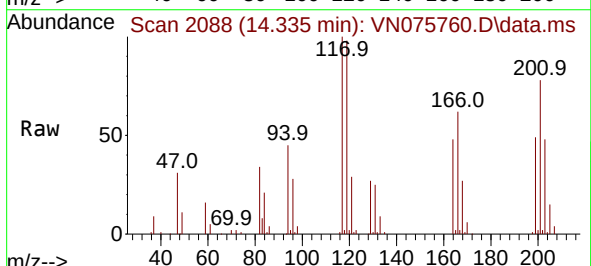
Acq: 14 Dec 2022 09:07

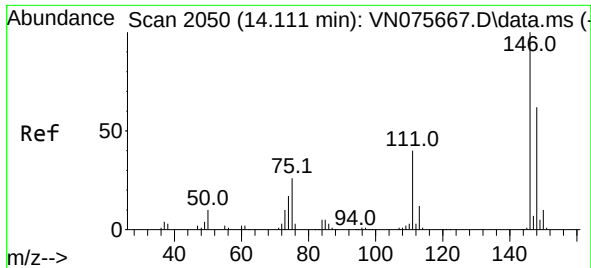
Tgt Ion: 117 Resp: 76438

Ion Ratio Lower Upper

117 100

201 77.1 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 51.073 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

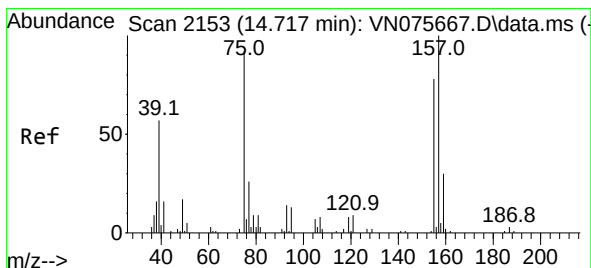
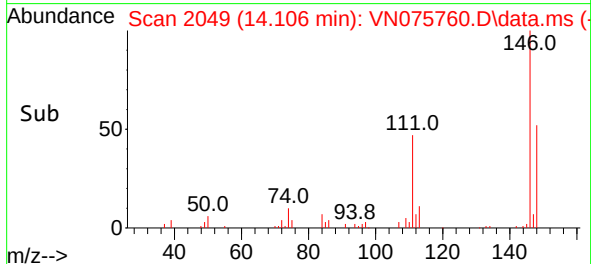
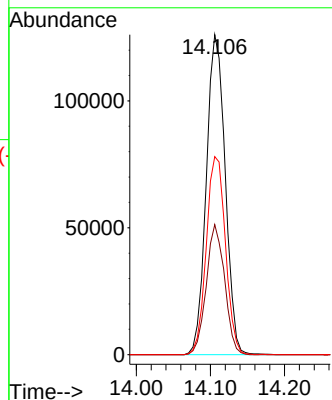
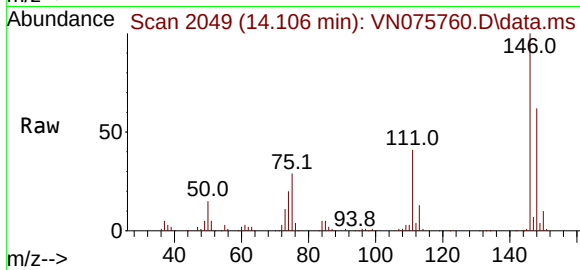
Tgt Ion:146 Resp: 223318

Ion Ratio Lower Upper

146 100

111 39.5 20.3 61.0

148 62.8 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.343 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

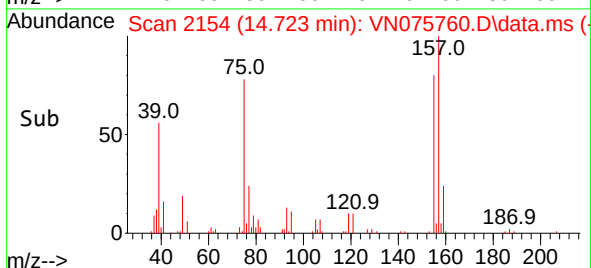
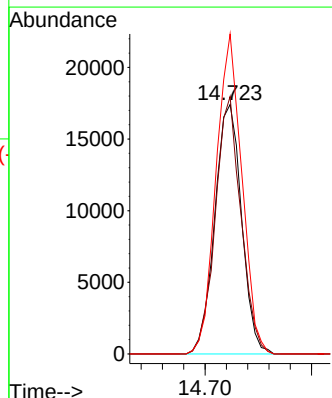
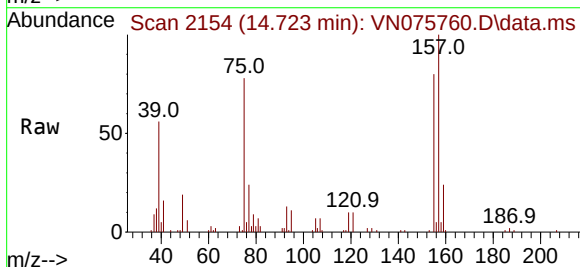
Tgt Ion: 75 Resp: 30390

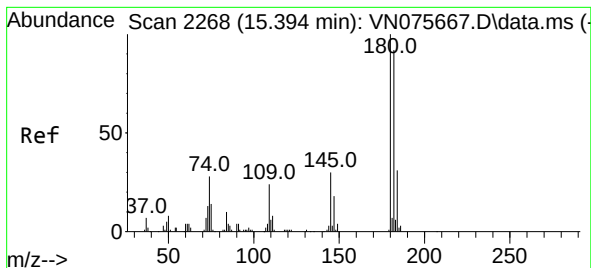
Ion Ratio Lower Upper

75 100

155 98.5 49.3 147.8

157 123.2 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 48.317 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

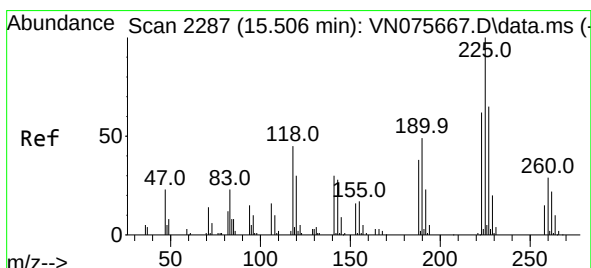
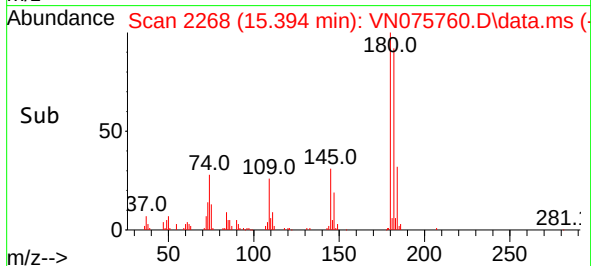
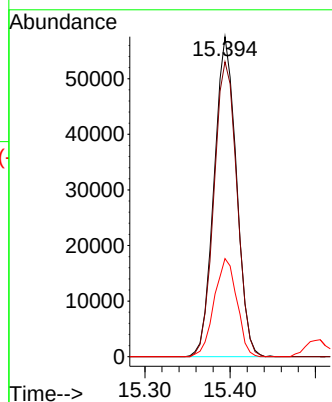
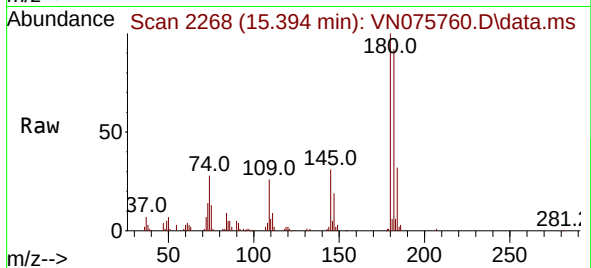
Tgt Ion:180 Resp: 104594

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 31.2 15.3 45.8



#94

Hexachlorobutadiene

Concen: 47.791 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN075760.D

Acq: 14 Dec 2022 09:07

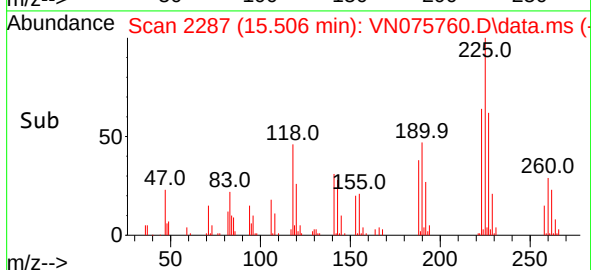
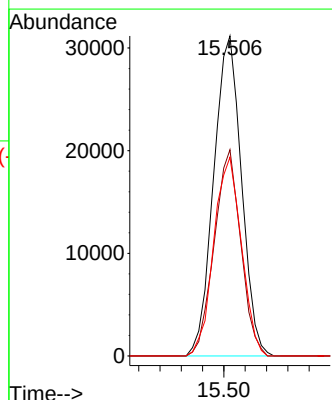
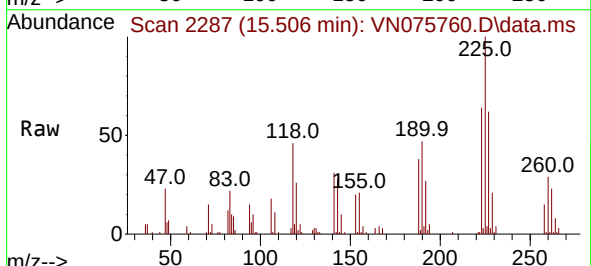
Tgt Ion:225 Resp: 56444

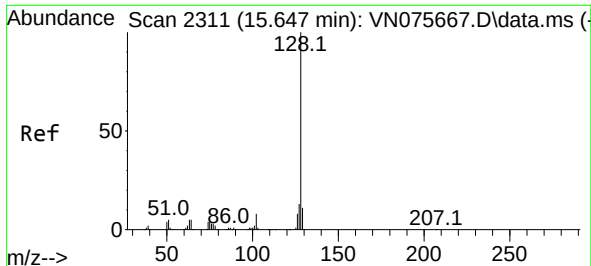
Ion Ratio Lower Upper

225 100

223 61.5 31.5 94.5

227 61.8 31.6 95.0

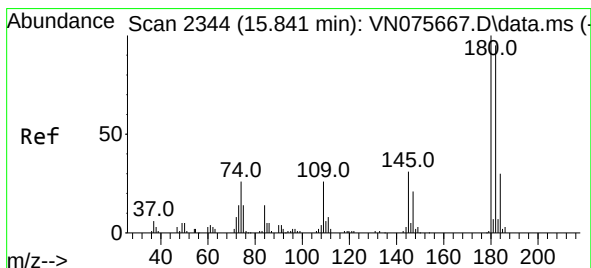
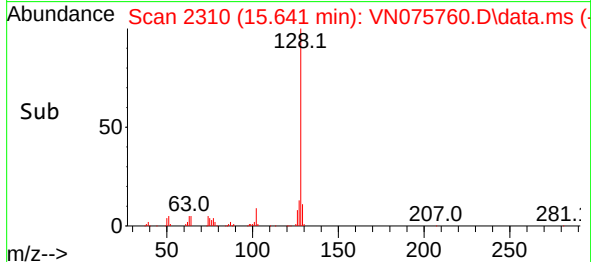
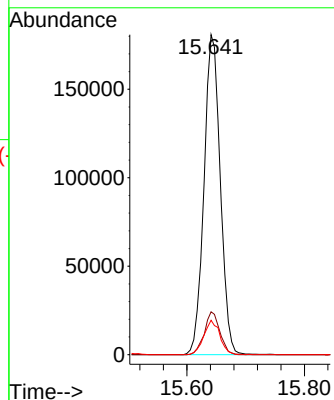
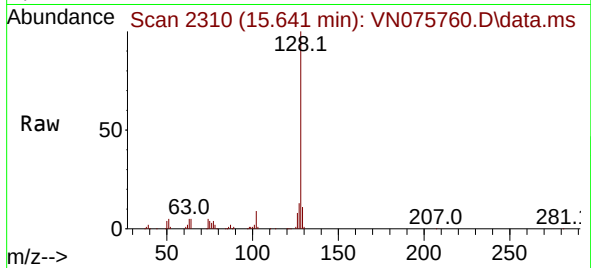




#95  
Naphthalene  
Concen: 48.857 ug/l  
RT: 15.641 min Scan# 2311  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 349027  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.4 15.6  
129 10.5 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 50.475 ug/l  
RT: 15.841 min Scan# 2344  
Delta R.T. 0.000 min  
Lab File: VN075760.D  
Acq: 14 Dec 2022 09:07

Tgt Ion:180 Resp: 102124  
Ion Ratio Lower Upper  
180 100  
182 96.5 47.0 141.0  
145 32.6 16.0 47.9

