

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112522\  
 Data File : VN075436.D  
 Acq On : 25 Nov 2022 21:17  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Nov 28 03:40:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 23 00:18:03 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 145838   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 245214   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 228434   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 119211   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.583  | 65    | 37246    | 47.578   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 95.160%  |
| 35) Dibromofluoromethane     | 8.171  | 113   | 46748    | 48.530   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 97.060%  |
| 50) Toluene-d8               | 10.565 | 98    | 106599   | 49.133   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 98.260%  |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 81786    | 51.072   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 102.140% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.136  | 85    | 51134    | 45.853   | ug/l   | 100      |
| 3) Chloromethane             | 2.371  | 50    | 60192    | 43.379   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.524  | 62    | 83871    | 47.960   | ug/l   | 96       |
| 5) Bromomethane              | 2.918  | 94    | 67461    | 43.868   | ug/l   | 98       |
| 6) Chloroethane              | 3.089  | 64    | 66820    | 50.427   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.483  | 101   | 118174   | 47.302   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.971  | 74    | 45595    | 52.071   | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 67422    | 48.885   | ug/l   | 94       |
| 10) Methyl Iodide            | 4.589  | 142   | 110422   | 49.409   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 5.542  | 59    | 73909    | 224.902  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 4.342  | 96    | 65065    | 48.177   | ug/l   | 91       |
| 13) Acrolein                 | 4.189  | 56    | 72372    | 252.795  | ug/l   | 99       |
| 14) Allyl chloride           | 5.024  | 41    | 86273    | 49.386   | ug/l   | 96       |
| 15) Acrylonitrile            | 5.724  | 53    | 188169   | 249.575  | ug/l   | 97       |
| 16) Acetone                  | 4.436  | 43    | 140768   | 192.781  | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.712  | 76    | 147751   | 42.096   | ug/l   | 98       |
| 18) Methyl Acetate           | 5.036  | 43    | 93436    | 50.778   | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.806  | 73    | 234387   | 48.992   | ug/l   | 100      |
| 20) Methylene Chloride       | 5.277  | 84    | 76191    | 51.494   | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 5.794  | 96    | 71761    | 46.624   | ug/l   | 90       |
| 22) Diisopropyl ether        | 6.677  | 45    | 196976   | 49.411   | ug/l   | 99       |
| 23) Vinyl Acetate            | 6.612  | 43    | 711436   | 224.320  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 127538   | 49.842   | ug/l   | 98       |
| 25) 2-Butanone               | 7.488  | 43    | 230648   | 226.248  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.500  | 77    | 98743    | 41.521   | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 7.494  | 96    | 87893    | 50.502   | ug/l   | 91       |
| 28) Bromochloromethane       | 7.818  | 49    | 49175    | 47.344   | ug/l   | 83       |
| 29) Tetrahydrofuran          | 7.841  | 42    | 149169   | 240.558  | ug/l   | 97       |
| 30) Chloroform               | 7.971  | 83    | 145282   | 49.441   | ug/l   | 97       |
| 31) Cyclohexane              | 8.259  | 56    | 112510   | 45.236   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 131170   | 49.163   | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.377  | 75    | 101660   | 48.394   | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.565  | 43    | 89424    | 47.276   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 115909   | 50.228   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.606  | 83    | 129191   | 49.139   | ug/l   | 96       |
| 40) Benzene                  | 8.606  | 78    | 313250   | 48.704   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112522\  
 Data File : VN075436.D  
 Acq On : 25 Nov 2022 21:17  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Nov 28 03:40:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 23 00:18:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 48329    | 49.976  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 103331   | 47.971  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 147129   | 48.459  | ug/l   | 95       |
| 44) Trichloroethene           | 9.353  | 130  | 86280    | 49.026  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 74280    | 48.463  | ug/l   | 93       |
| 46) Dibromomethane            | 9.712  | 93   | 57979    | 50.012  | ug/l   | 90       |
| 47) Bromodichloromethane      | 9.888  | 83   | 113416   | 50.518  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 66850    | 47.618  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 39843    | 999.468 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 481205   | 248.842 | ug/l   | 96       |
| 52) Toluene                   | 10.629 | 92   | 212534   | 51.279  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 114663   | 50.874  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 123092   | 50.285  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 84041    | 49.785  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 120783   | 52.981  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 138162   | 50.195  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 231127   | 281.110 | ug/l   | 95       |
| 59) 2-Hexanone                | 11.200 | 43   | 359879   | 247.837 | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.359 | 129  | 95043    | 54.852  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 87861    | 50.146  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 77821    | 44.611  | ug/l   | 87       |
| 65) Chlorobenzene             | 11.894 | 112  | 230972   | 48.960  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 90350    | 51.315  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 409840   | 50.922  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.071 | 106  | 332657   | 101.781 | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 166790   | 51.362  | ug/l   | 96       |
| 70) Styrene                   | 12.412 | 104  | 273564   | 53.402  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 72078    | 53.788  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 426759   | 48.999  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.500 | 43   | 137240   | 51.255  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 128250   | 48.299  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 156957   | 69.636  | ug/l   | 79       |
| 77) Bromobenzene              | 12.982 | 156  | 106207   | 49.394  | ug/l   | 85       |
| 78) n-propylbenzene           | 13.035 | 91   | 487207   | 50.125  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 292306   | 49.912  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 375696   | 51.921  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 36955    | 48.511  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 292306   | 49.912  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 335225   | 50.811  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 378563   | 52.157  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 466487   | 52.111  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 396983   | 52.709  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 202348   | 49.669  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 201522   | 48.696  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 316141   | 49.698  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 66977    | 51.548  | ug/l   | 81       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 201078   | 50.635  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 24483    | 48.675  | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 104942   | 51.567  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 52754    | 49.767  | ug/l   | 97       |
| 95) Naphthalene               | 15.641 | 128  | 332438   | 51.926  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 104197   | 52.095  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112522\  
Data File : VN075436.D  
Acq On : 25 Nov 2022 21:17  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 25 Sample Multiplier: 1

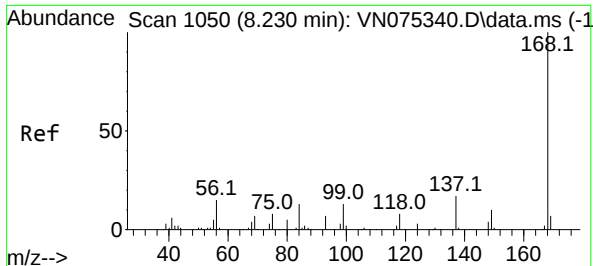
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Nov 28 03:40:19 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 23 00:18:03 2022  
Response via : Initial Calibration

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

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

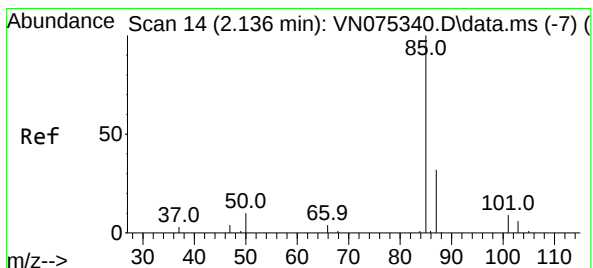
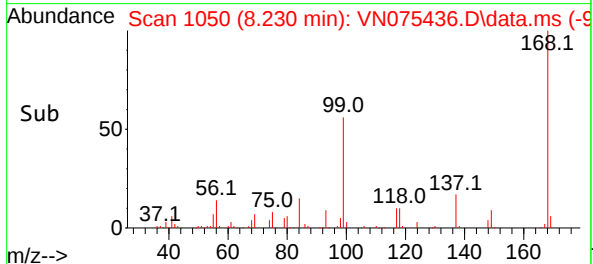
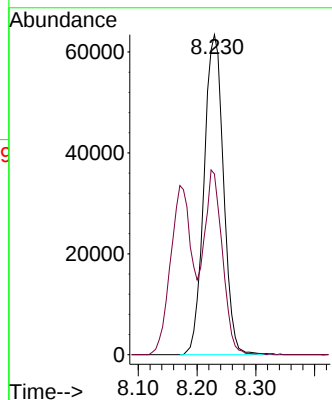
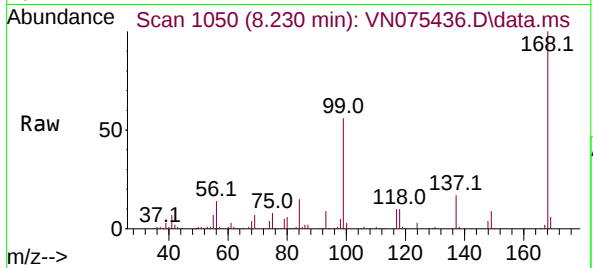




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

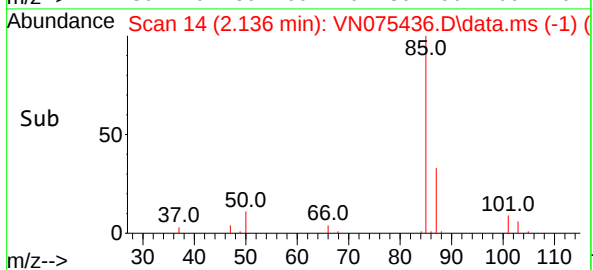
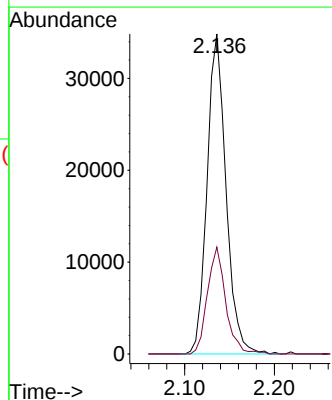
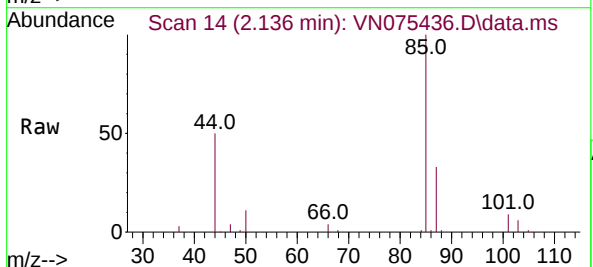
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

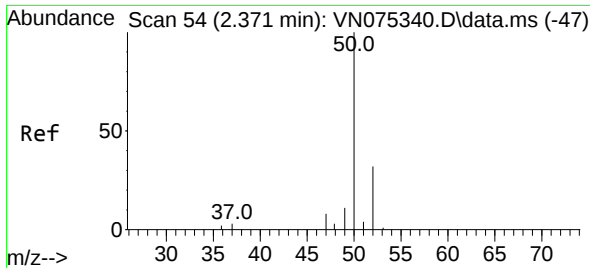
Tgt Ion:168 Resp: 145838  
Ion Ratio Lower Upper  
168 100  
99 56.2 51.6 77.4



#2  
Dichlorodifluoromethane  
Concen: 45.853 ug/l  
RT: 2.136 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 85 Resp: 51134  
Ion Ratio Lower Upper  
85 100  
87 33.4 16.7 50.0

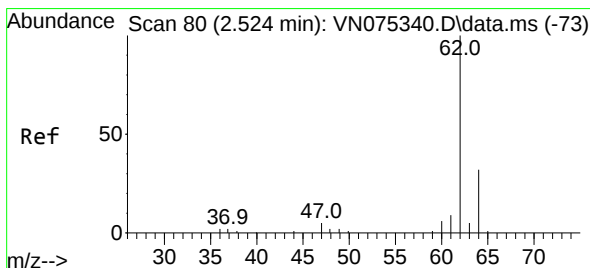
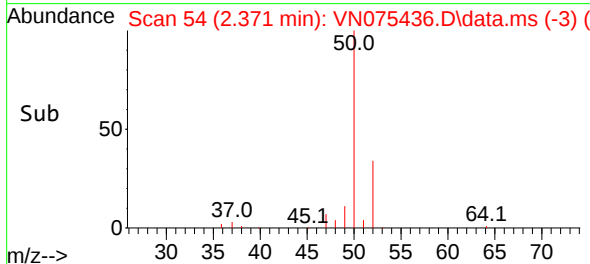
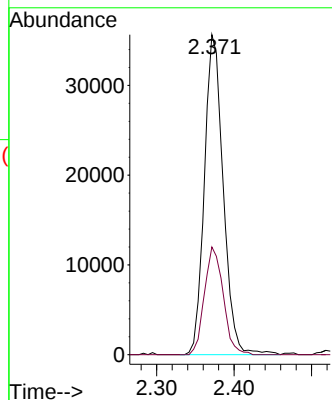
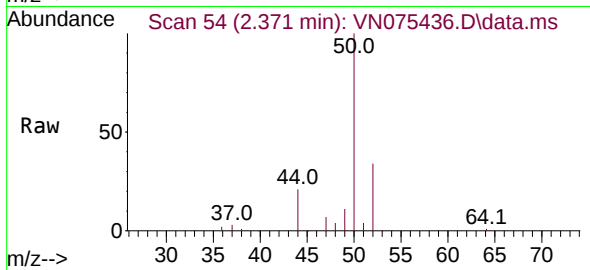




#3  
Chloromethane  
Concen: 43.379 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

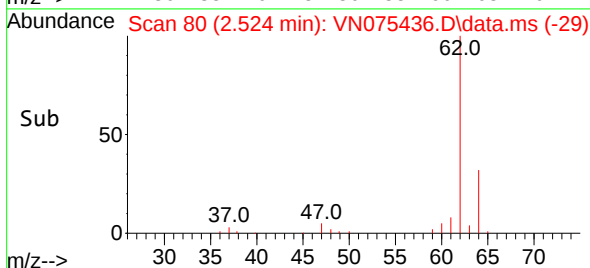
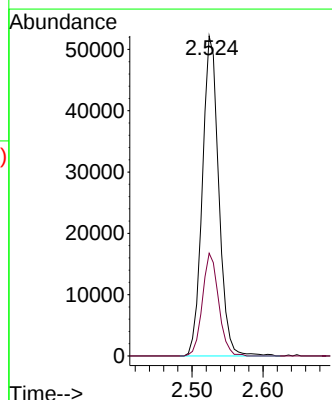
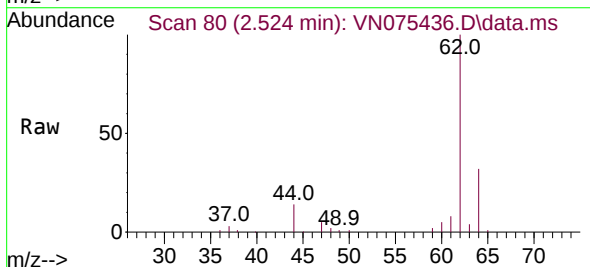
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

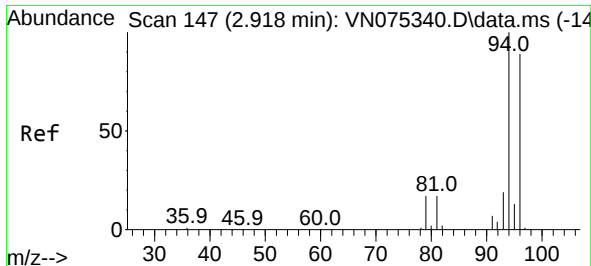
Tgt Ion: 50 Resp: 60192  
Ion Ratio Lower Upper  
50 100  
52 33.6 25.8 38.6



#4  
Vinyl Chloride  
Concen: 47.960 ug/l  
RT: 2.524 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 62 Resp: 83871  
Ion Ratio Lower Upper  
62 100  
64 32.1 24.0 36.0

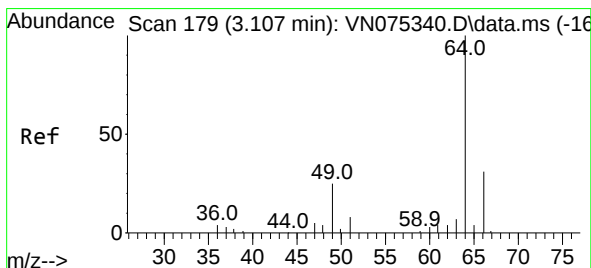
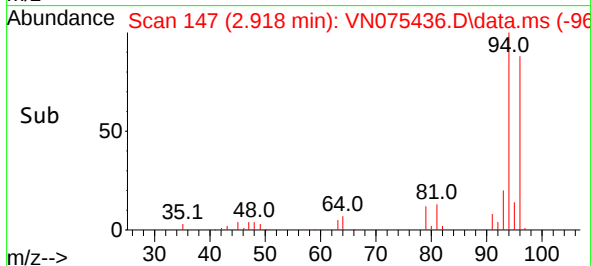
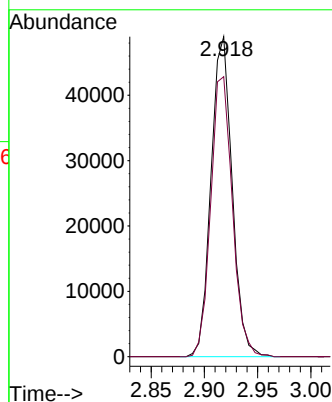
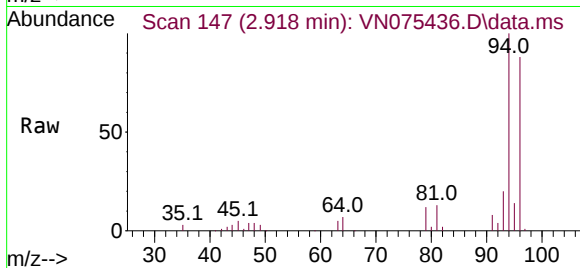




#5  
Bromomethane  
Concen: 43.868 ug/l  
RT: 2.918 min Scan# 147  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

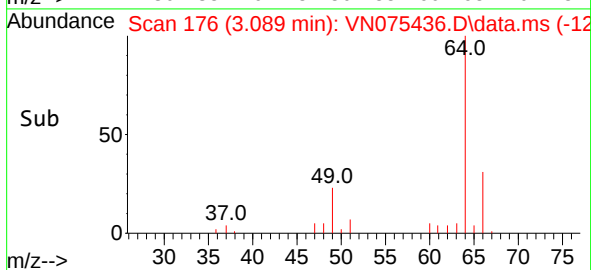
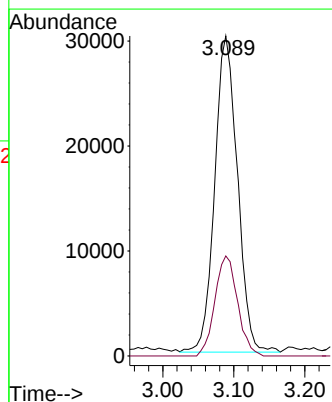
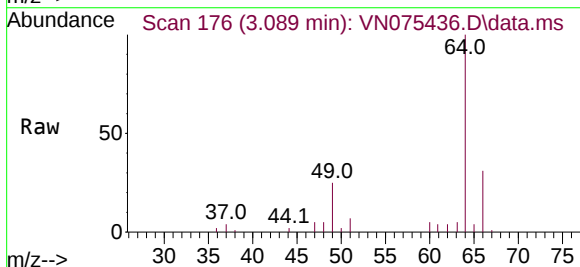
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

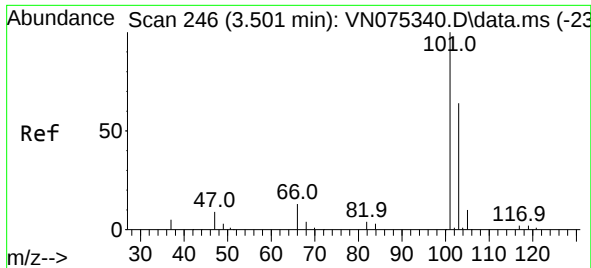
Tgt Ion: 94 Resp: 67461  
Ion Ratio Lower Upper  
94 100  
96 87.5 71.8 107.6



#6  
Chloroethane  
Concen: 50.427 ug/l  
RT: 3.089 min Scan# 176  
Delta R.T. -0.018 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 64 Resp: 66820  
Ion Ratio Lower Upper  
64 100  
66 31.6 23.8 35.8

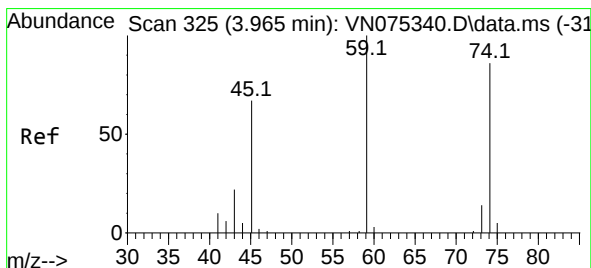
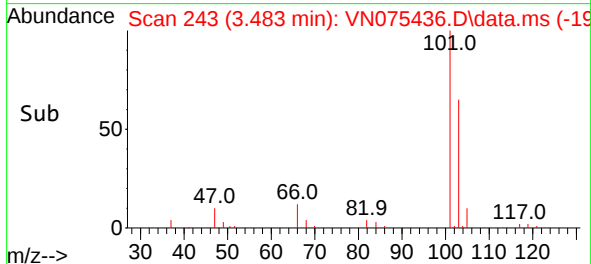
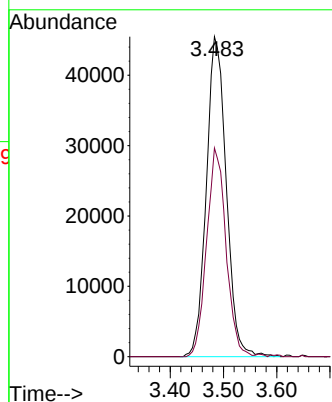
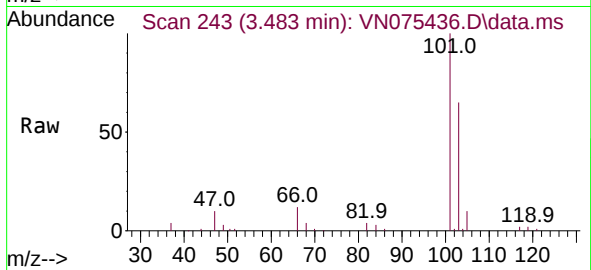




#7  
 Trichlorofluoromethane  
 Concen: 47.302 ug/l  
 RT: 3.483 min Scan# 246  
 Delta R.T. -0.018 min  
 Lab File: VN075436.D  
 Acq: 25 Nov 2022 21:17

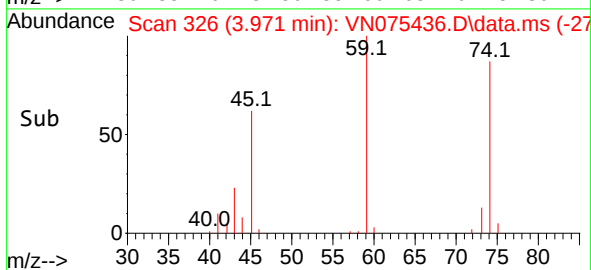
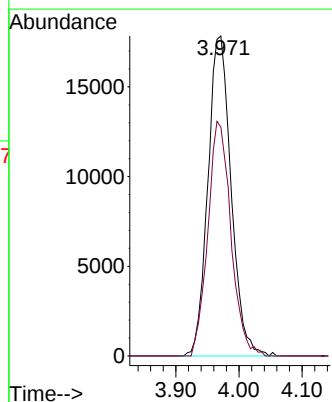
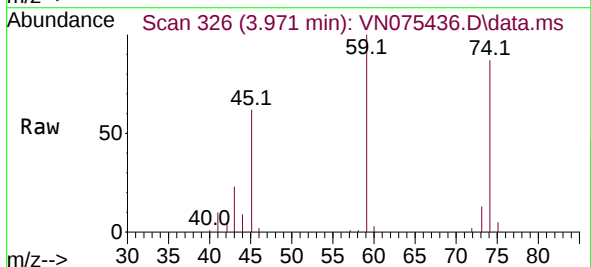
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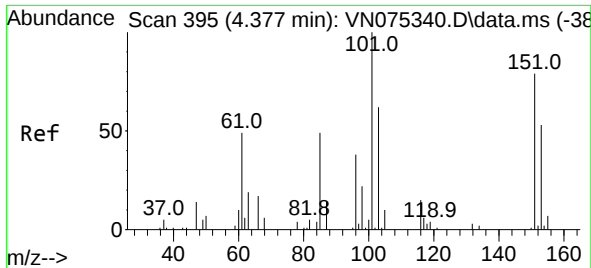
Tgt Ion:101 Resp: 118174  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 50.5 75.7



#8  
 Diethyl Ether  
 Concen: 52.071 ug/l  
 RT: 3.971 min Scan# 326  
 Delta R.T. 0.006 min  
 Lab File: VN075436.D  
 Acq: 25 Nov 2022 21:17

Tgt Ion: 74 Resp: 45595  
 Ion Ratio Lower Upper  
 74 100  
 45 72.8 39.3 117.9

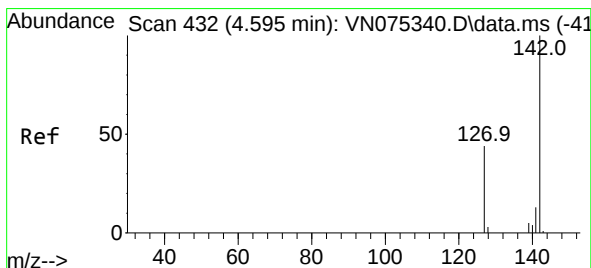
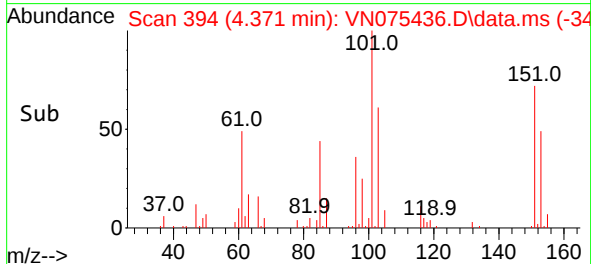
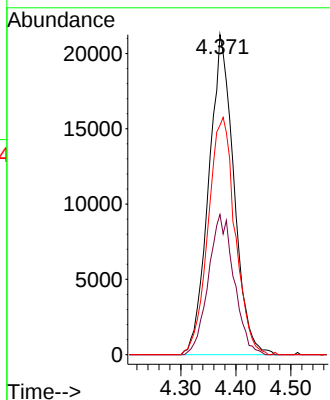
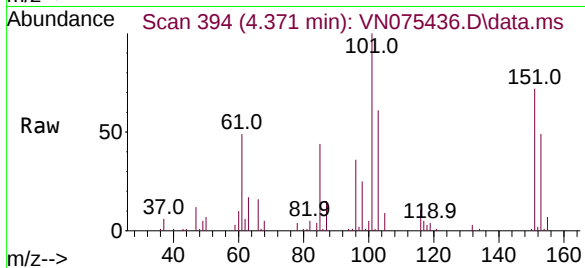




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 48.885 ug/l  
 RT: 4.371 min Scan# 394  
 Delta R.T. -0.006 min  
 Lab File: VN075436.D  
 Acq: 25 Nov 2022 21:17

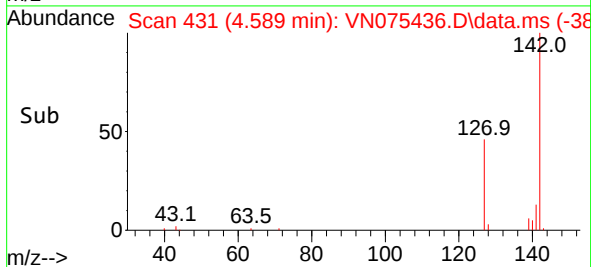
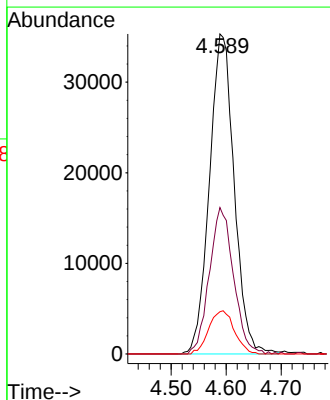
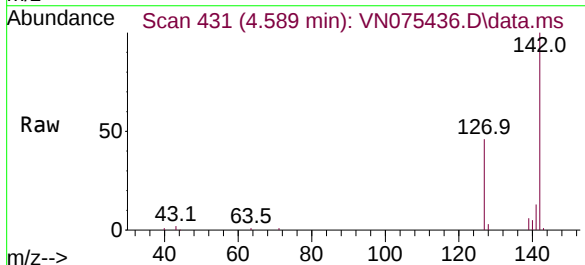
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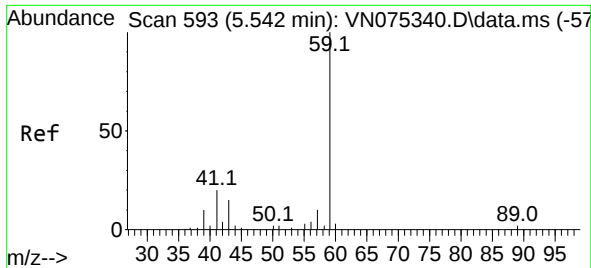
Tgt Ion:101 Resp: 67422  
 Ion Ratio Lower Upper  
 101 100  
 85 44.8 37.6 56.4  
 151 79.6 58.3 87.5



#10  
 Methyl Iodide  
 Concen: 49.409 ug/l  
 RT: 4.589 min Scan# 431  
 Delta R.T. -0.006 min  
 Lab File: VN075436.D  
 Acq: 25 Nov 2022 21:17

Tgt Ion:142 Resp: 110422  
 Ion Ratio Lower Upper  
 142 100  
 127 44.8 38.0 57.0  
 141 14.0 12.2 18.4

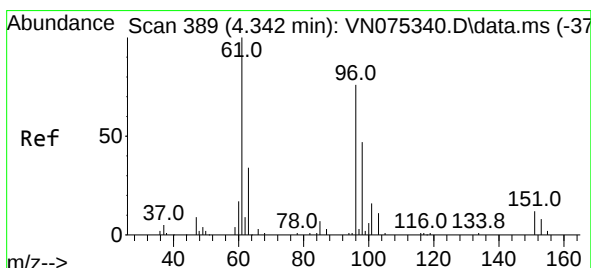
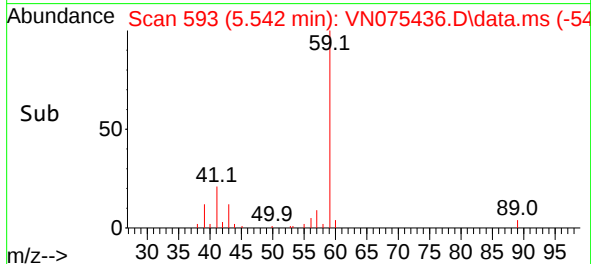
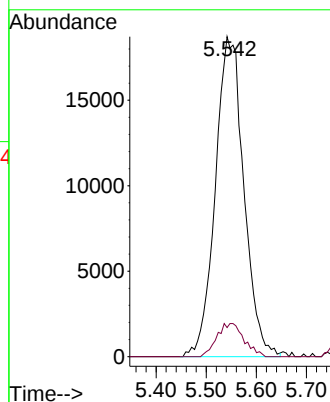
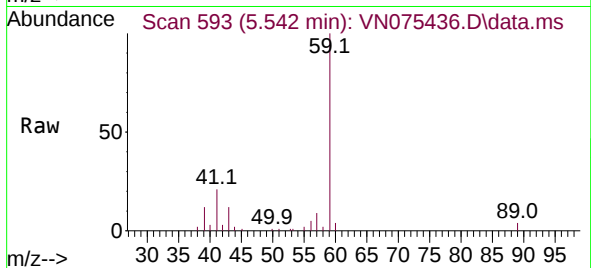




#11  
Tert butyl alcohol  
Concen: 224.902 ug/l  
RT: 5.542 min Scan# 593  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

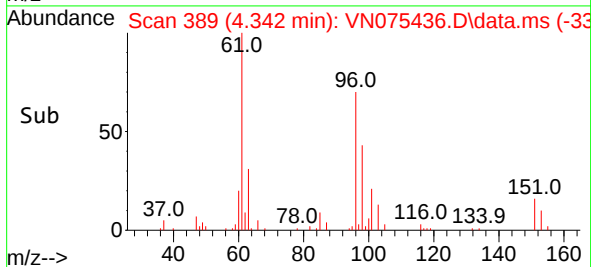
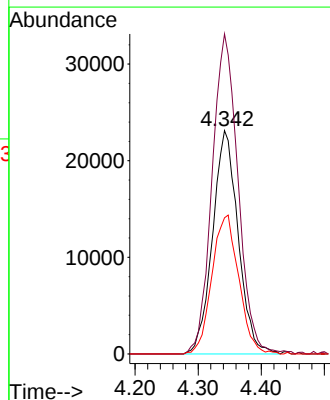
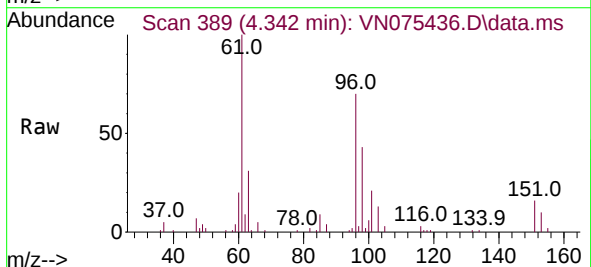
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

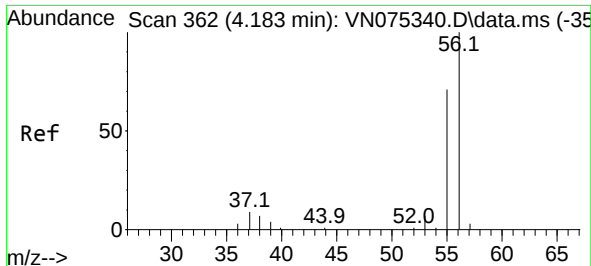
Tgt Ion: 59 Resp: 73909  
Ion Ratio Lower Upper  
59 100  
57 9.9 8.5 12.7



#12  
1,1-Dichloroethene  
Concen: 48.177 ug/l  
RT: 4.342 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 96 Resp: 65065  
Ion Ratio Lower Upper  
96 100  
61 143.3 126.2 189.4  
98 61.0 51.5 77.3

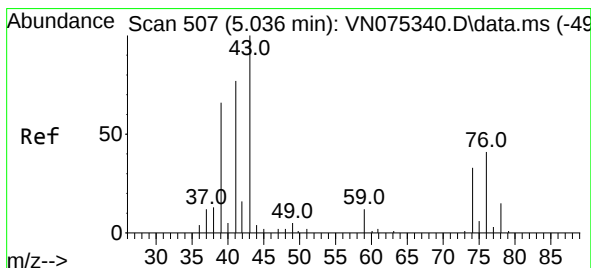
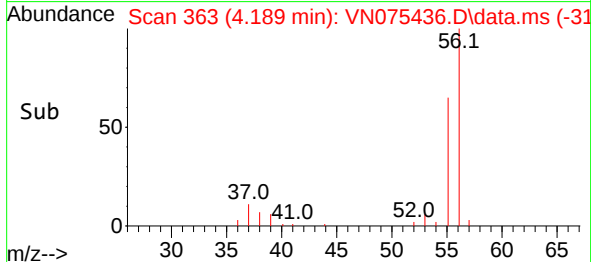
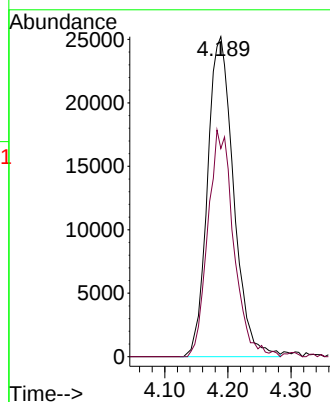
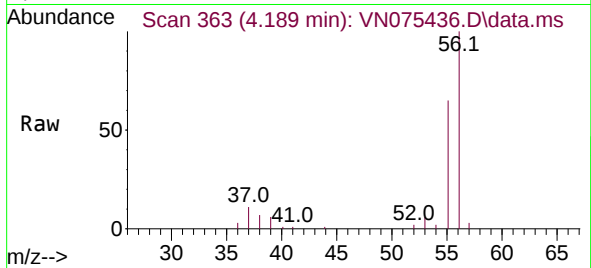




#13  
Acrolein  
Concen: 252.795 ug/l  
RT: 4.189 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

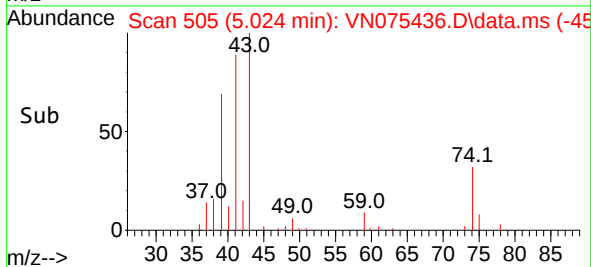
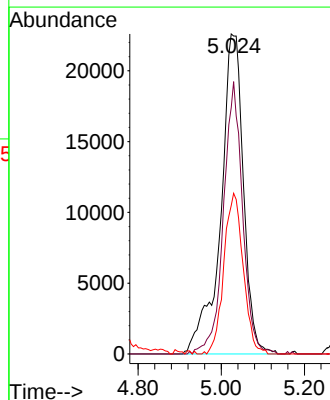
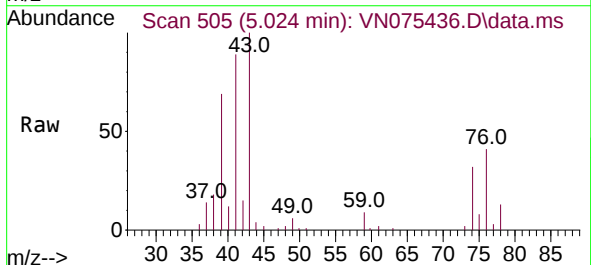
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

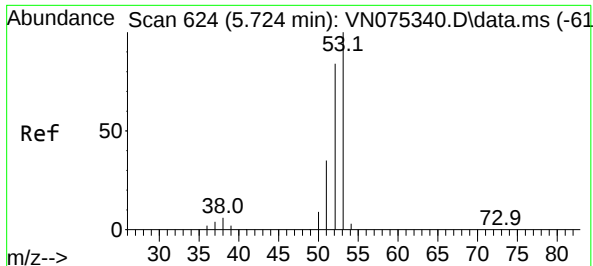
Tgt Ion: 56 Resp: 72372  
Ion Ratio Lower Upper  
56 100  
55 70.1 55.2 82.8



#14  
Allyl chloride  
Concen: 49.386 ug/l  
RT: 5.024 min Scan# 505  
Delta R.T. -0.012 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 41 Resp: 86273  
Ion Ratio Lower Upper  
41 100  
39 71.2 61.0 91.4  
76 42.5 33.4 50.0

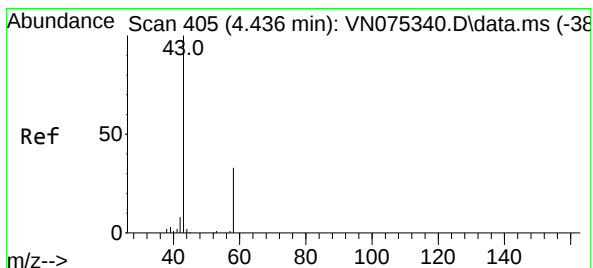
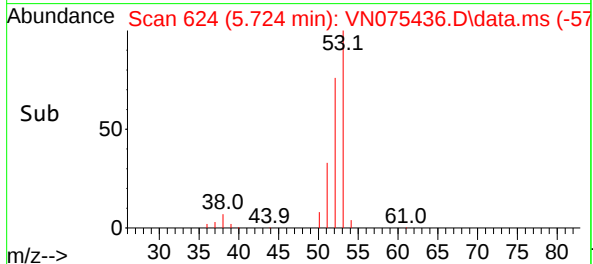
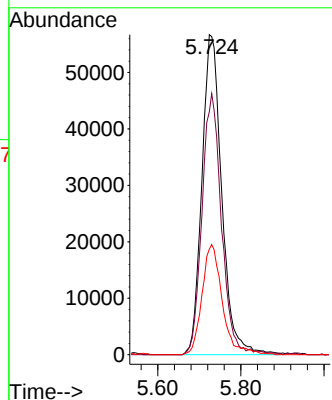
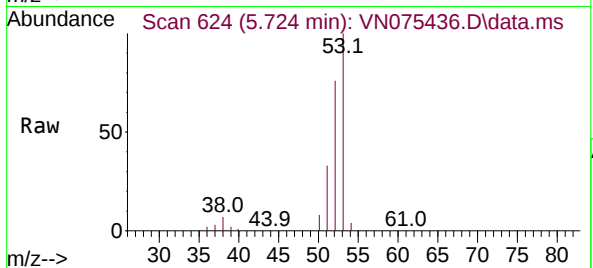




#15  
Acrylonitrile  
Concen: 249.575 ug/l  
RT: 5.724 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

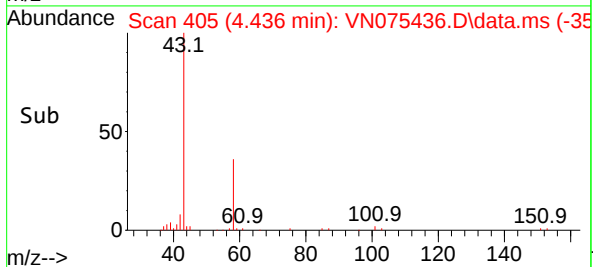
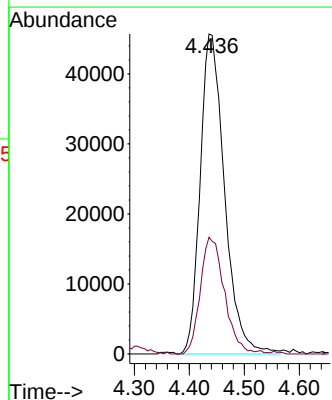
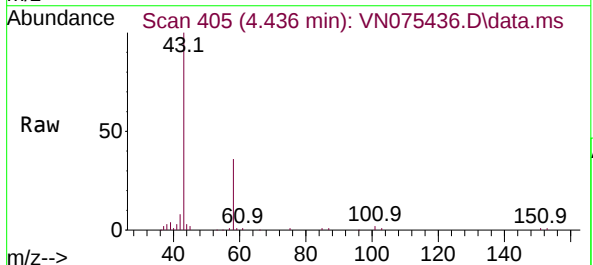
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

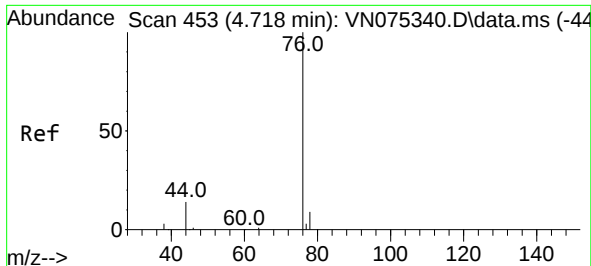
Tgt Ion: 53 Resp: 188169  
Ion Ratio Lower Upper  
53 100  
52 80.1 66.4 99.6  
51 35.2 29.6 44.4



#16  
Acetone  
Concen: 192.781 ug/l  
RT: 4.436 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 43 Resp: 140768  
Ion Ratio Lower Upper  
43 100  
58 36.5 25.5 38.3

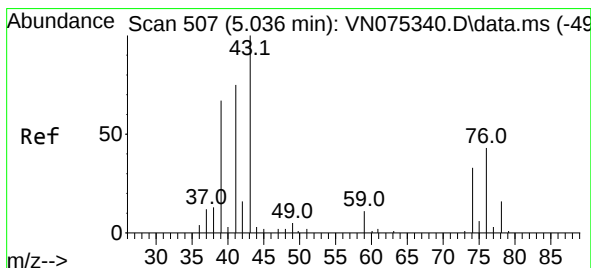
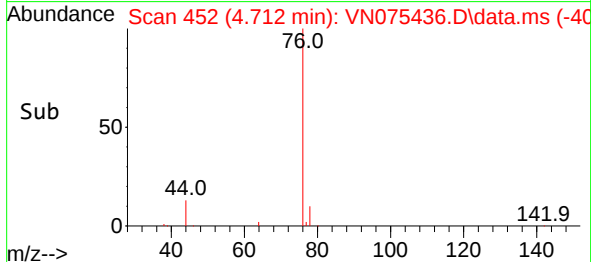
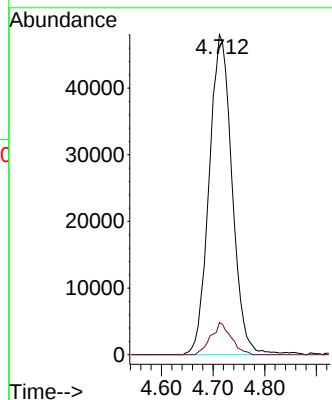
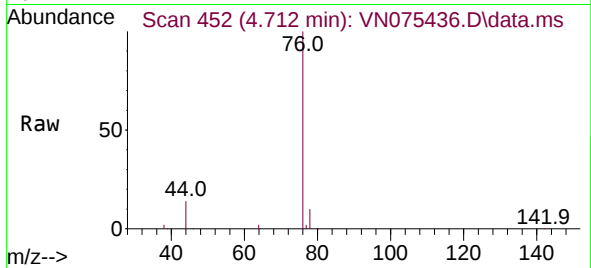




#17  
Carbon Disulfide  
Concen: 42.096 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

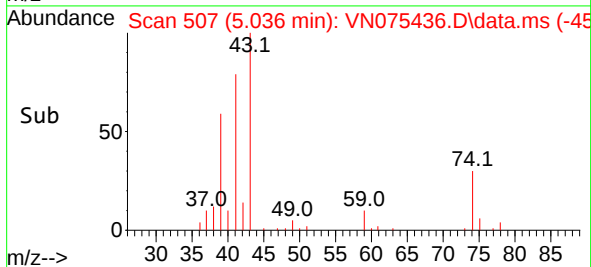
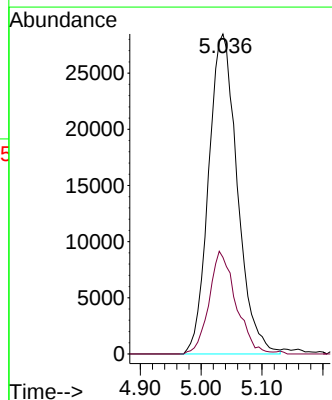
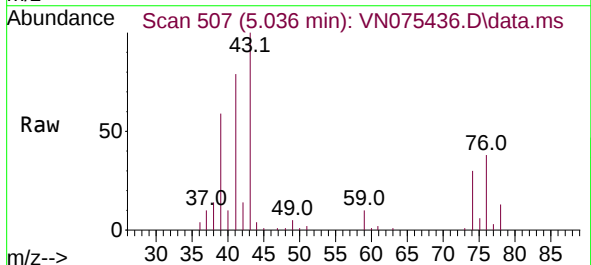
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

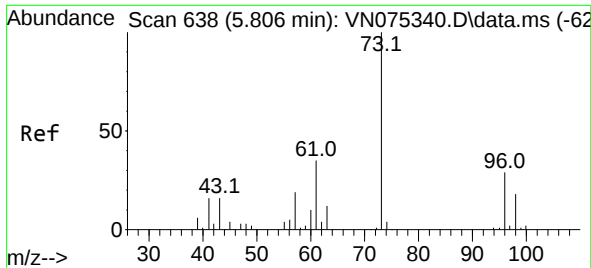
Tgt Ion: 76 Resp: 147751  
Ion Ratio Lower Upper  
76 100  
78 10.0 7.4 11.2



#18  
Methyl Acetate  
Concen: 50.778 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 43 Resp: 93436  
Ion Ratio Lower Upper  
43 100  
74 29.9 22.0 33.0

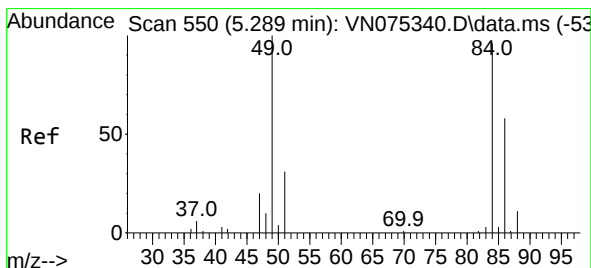
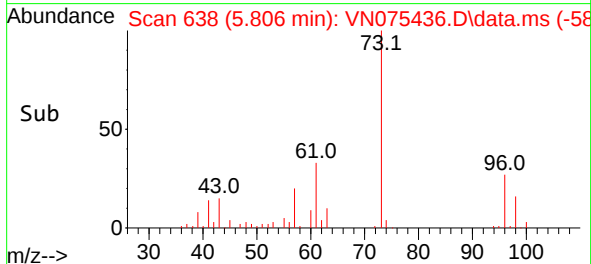
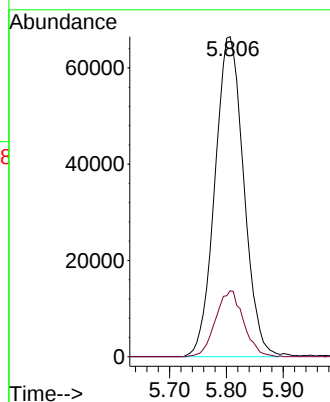
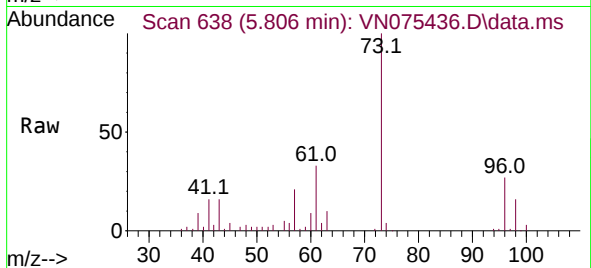




#19  
Methyl tert-butyl Ether  
Concen: 48.992 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

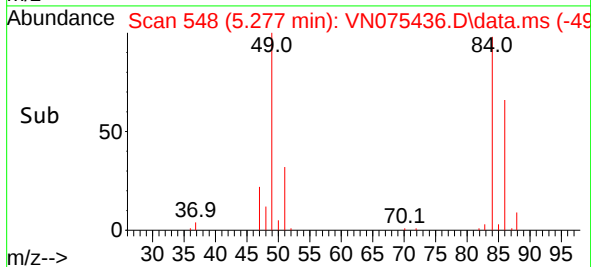
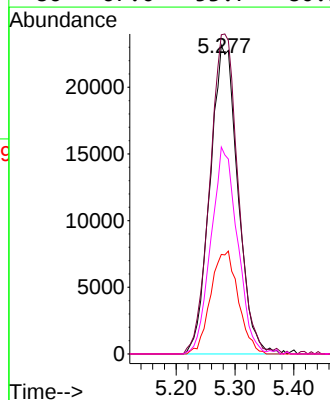
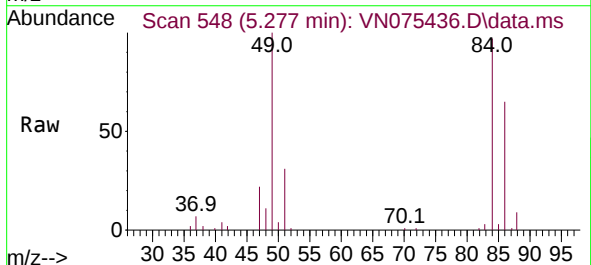
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ClientSampleId :  
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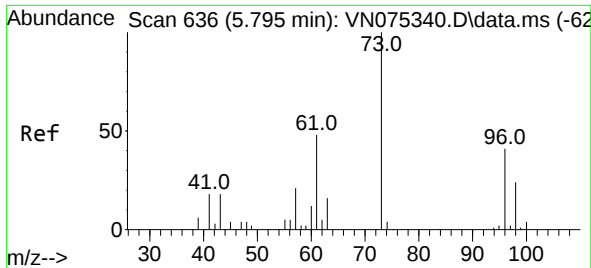
Tgt Ion: 73 Resp: 234387  
Ion Ratio Lower Upper  
73 100  
57 20.6 16.3 24.5



#20  
Methylene Chloride  
Concen: 51.494 ug/l  
RT: 5.277 min Scan# 548  
Delta R.T. -0.012 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 84 Resp: 76191  
Ion Ratio Lower Upper  
84 100  
49 103.4 94.9 142.3  
51 32.2 26.8 40.2  
86 67.0 53.7 80.5

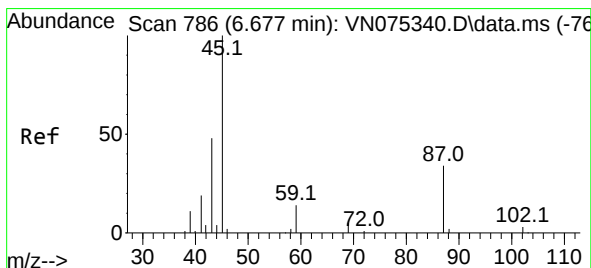
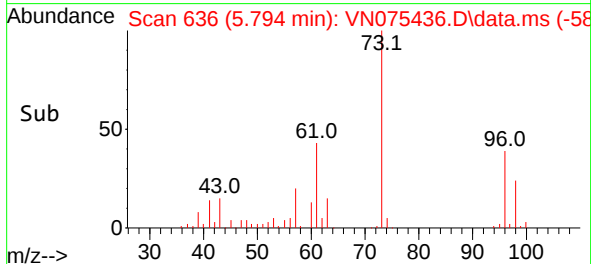
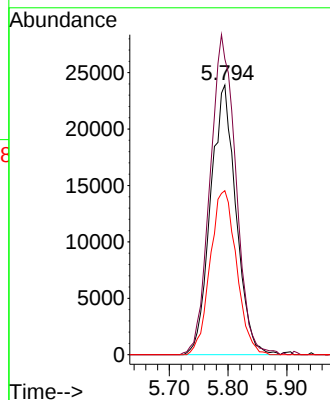
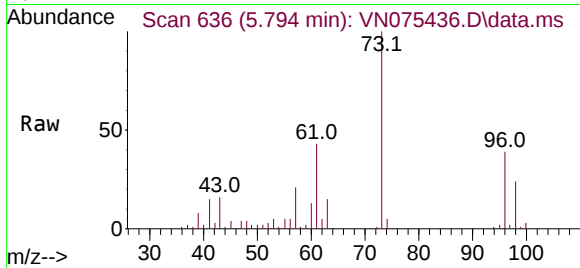




#21  
trans-1,2-Dichloroethene  
Concen: 46.624 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

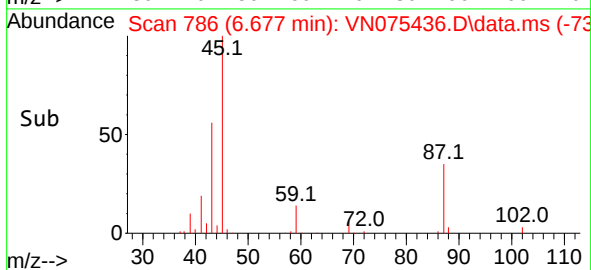
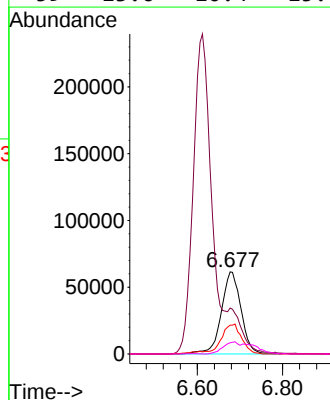
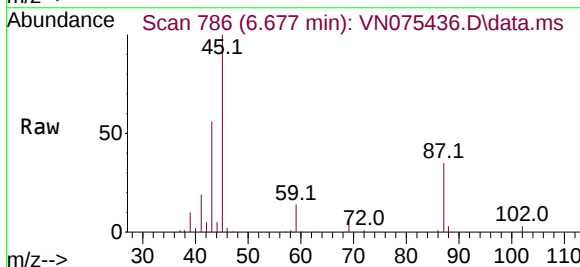
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ClientSampleId :  
VSTDCCC050EC

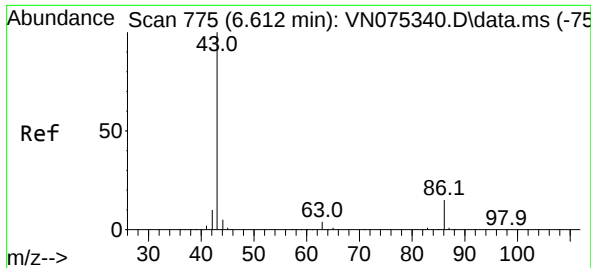
Tgt Ion: 96 Resp: 71761  
Ion Ratio Lower Upper  
96 100  
61 109.7 99.9 149.9  
98 60.8 51.5 77.3



#22  
Diisopropyl ether  
Concen: 49.411 ug/l  
RT: 6.677 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 45 Resp: 196976  
Ion Ratio Lower Upper  
45 100  
43 54.9 42.8 64.2  
87 35.2 28.4 42.6  
59 13.6 10.4 15.6

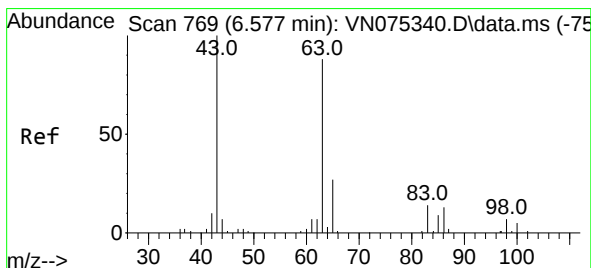
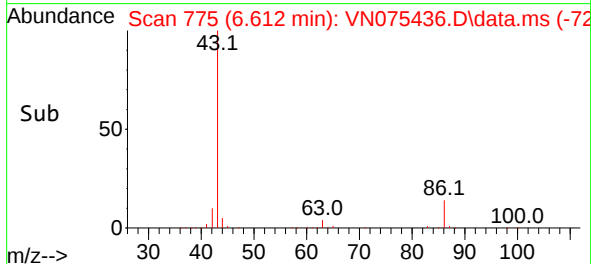
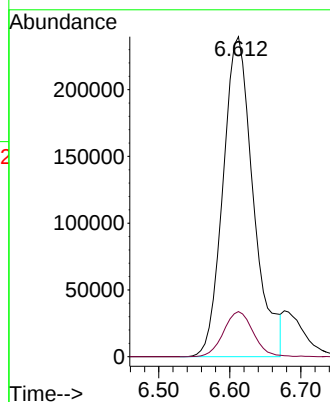
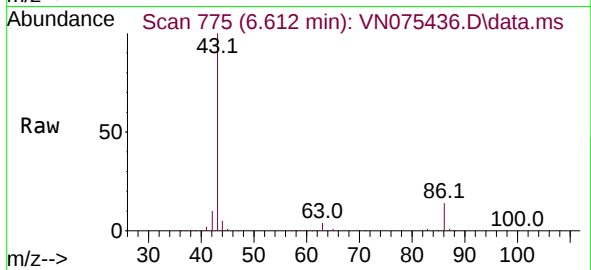




#23  
 Vinyl Acetate  
 Concen: 224.320 ug/l  
 RT: 6.612 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VN075436.D  
 Acq: 25 Nov 2022 21:17

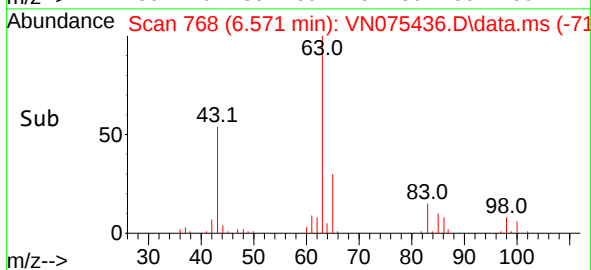
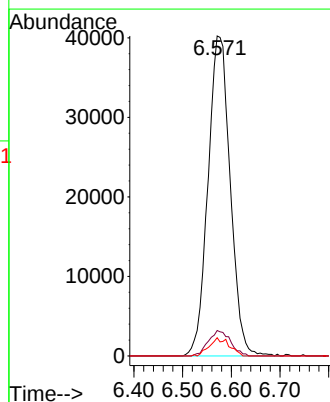
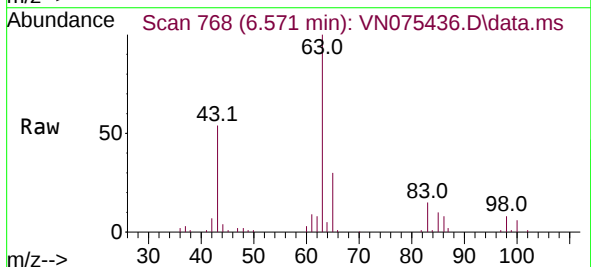
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 VSTDCCC050EC

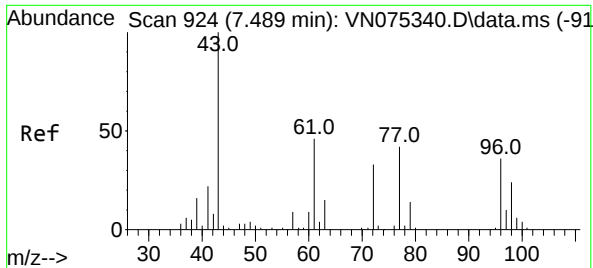
Tgt Ion: 43 Resp: 711436  
 Ion Ratio Lower Upper  
 43 100  
 86 14.1 10.7 16.1



#24  
 1,1-Dichloroethane  
 Concen: 49.842 ug/l  
 RT: 6.571 min Scan# 768  
 Delta R.T. -0.006 min  
 Lab File: VN075436.D  
 Acq: 25 Nov 2022 21:17

Tgt Ion: 63 Resp: 127538  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 3.6 10.8  
 100 5.7 2.4 7.2

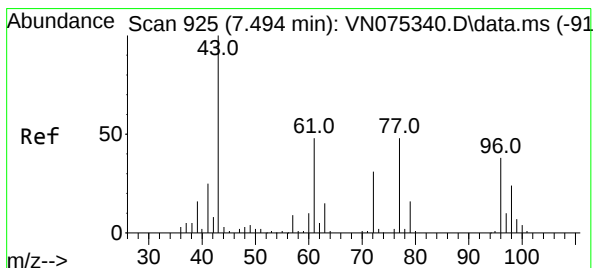
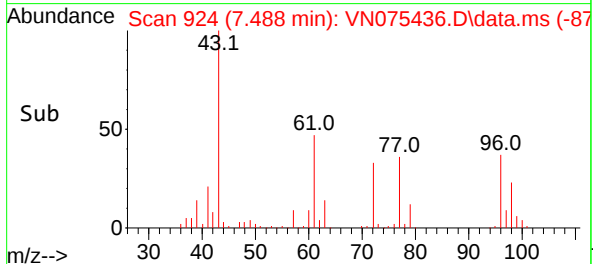
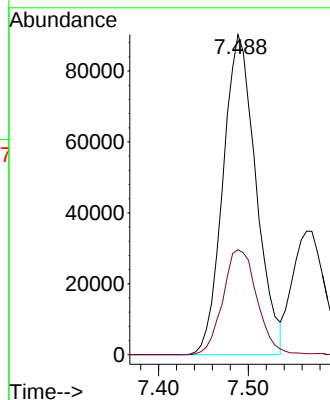
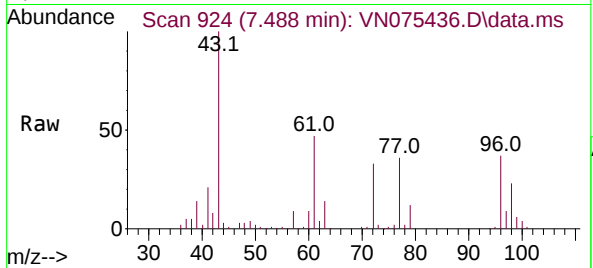




#25  
2-Butanone  
Concen: 226.248 ug/l  
RT: 7.488 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

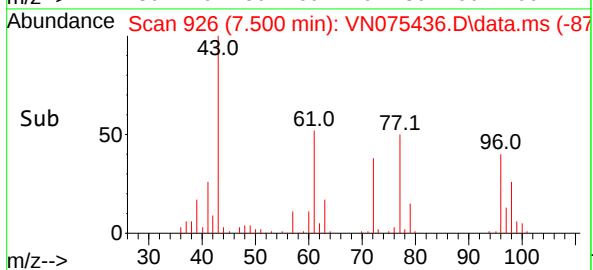
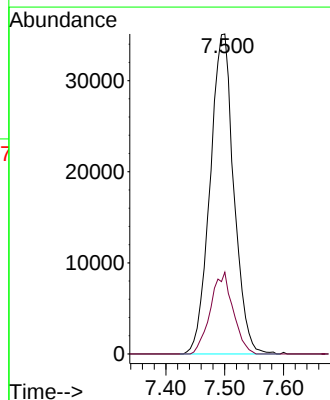
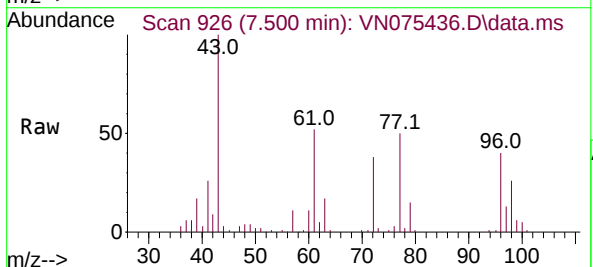
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

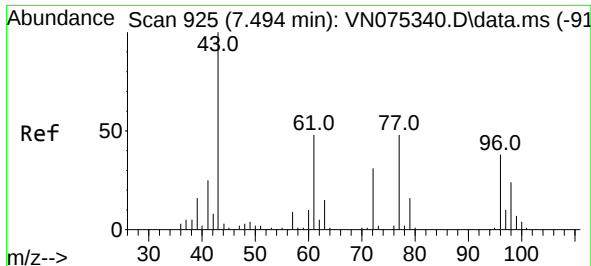
Tgt Ion: 43 Resp: 230648  
Ion Ratio Lower Upper  
43 100  
72 32.8 25.5 38.3



#26  
2,2-Dichloropropane  
Concen: 41.521 ug/l  
RT: 7.500 min Scan# 926  
Delta R.T. 0.006 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 77 Resp: 98743  
Ion Ratio Lower Upper  
77 100  
97 24.3 11.2 33.6

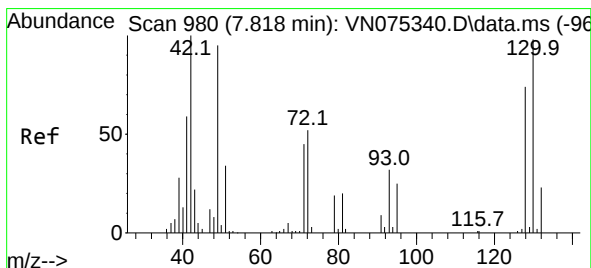
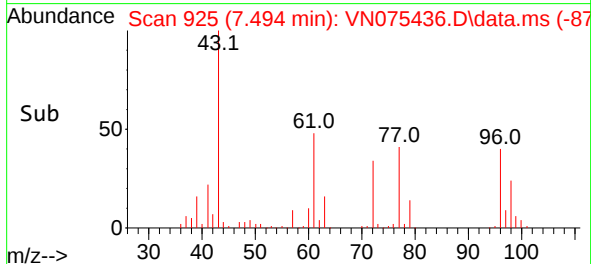
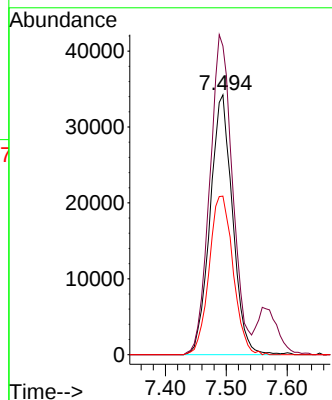
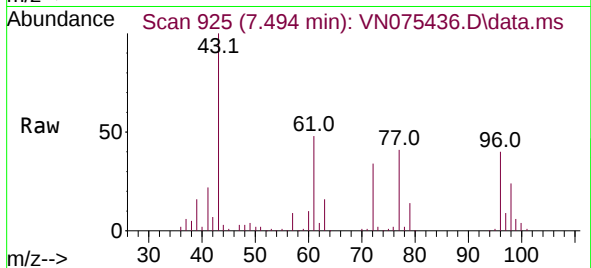




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.502 ug/l  
 RT: 7.494 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN075436.D  
 Acq: 25 Nov 2022 21:17

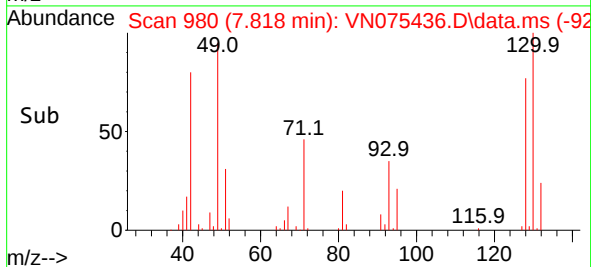
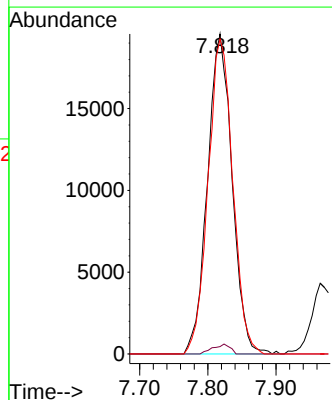
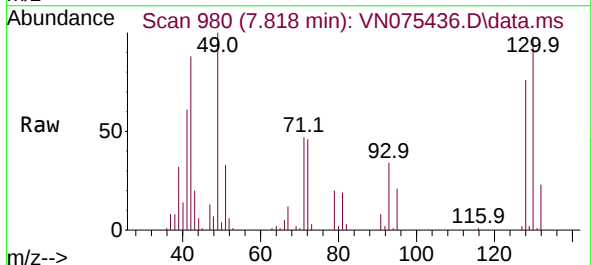
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

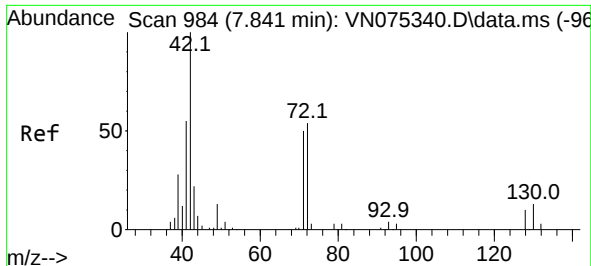
Tgt Ion: 96 Resp: 87893  
 Ion Ratio Lower Upper  
 96 100  
 61 124.8 0.0 278.8  
 98 65.0 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 47.344 ug/l  
 RT: 7.818 min Scan# 980  
 Delta R.T. -0.000 min  
 Lab File: VN075436.D  
 Acq: 25 Nov 2022 21:17

Tgt Ion: 49 Resp: 49175  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.6  
 130 98.6 66.2 99.4





#29

Tetrahydrofuran

Concen: 240.558 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

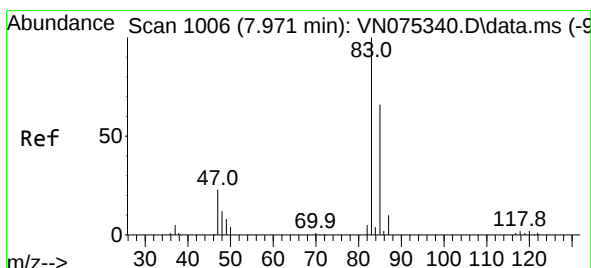
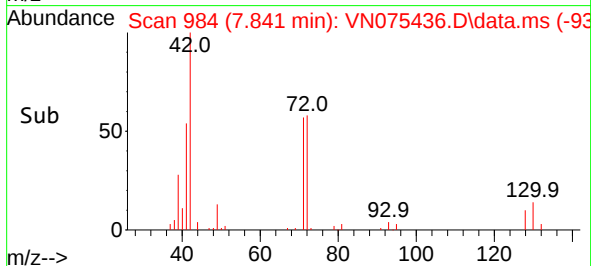
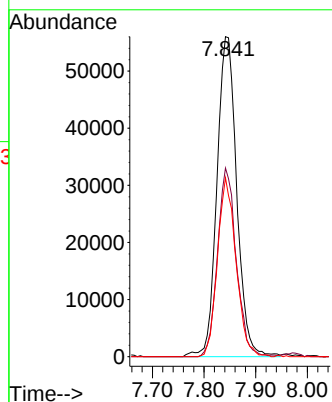
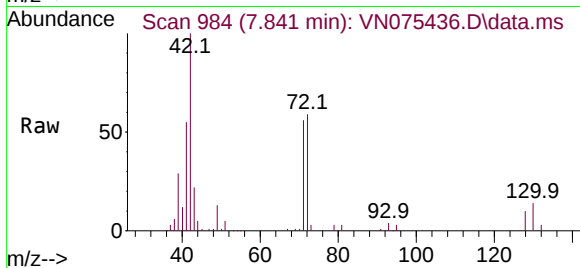
Tgt Ion: 42 Resp: 149169

Ion Ratio Lower Upper

42 100

72 55.8 43.0 64.6

71 52.3 39.9 59.9



#30

Chloroform

Concen: 49.441 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075436.D

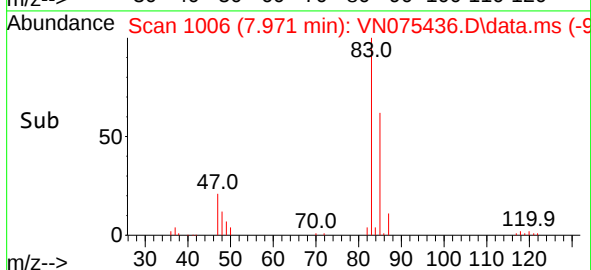
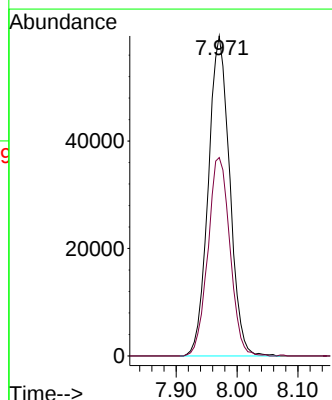
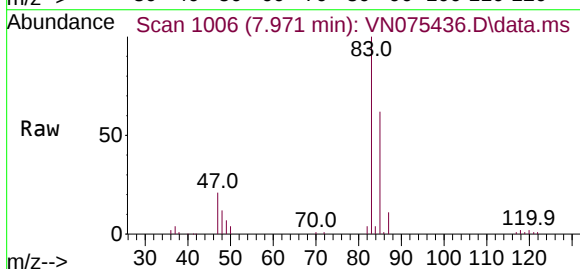
Acq: 25 Nov 2022 21:17

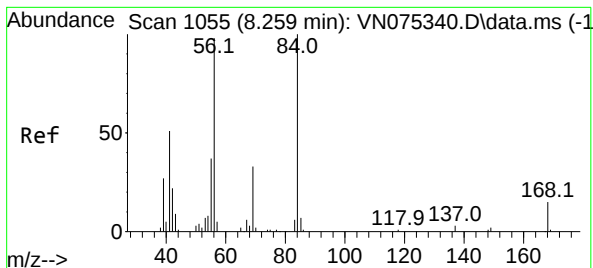
Tgt Ion: 83 Resp: 145282

Ion Ratio Lower Upper

83 100

85 62.0 51.4 77.0





#31

Cyclohexane

Concen: 45.236 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

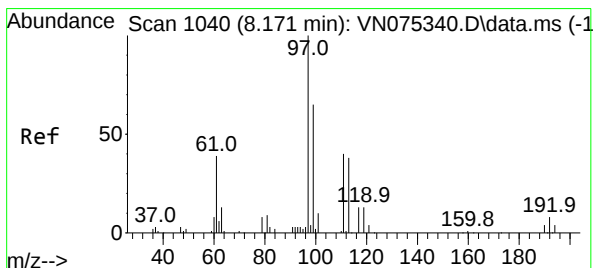
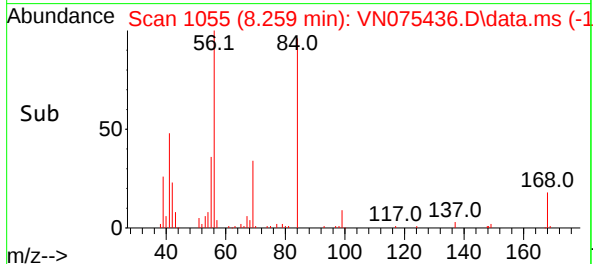
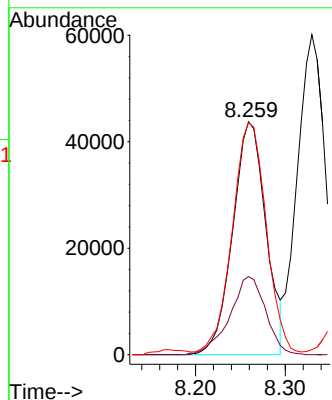
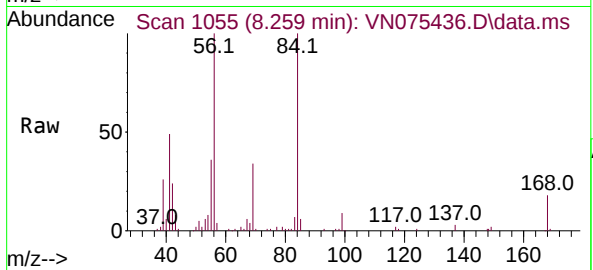
Tgt Ion: 56 Resp: 112510

Ion Ratio Lower Upper

56 100

69 33.5 25.2 37.8

84 97.8 77.8 116.8



#32

1,1,1-Trichloroethane

Concen: 49.163 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

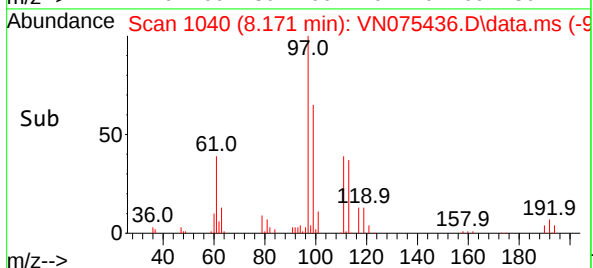
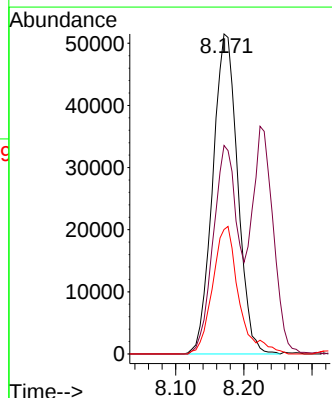
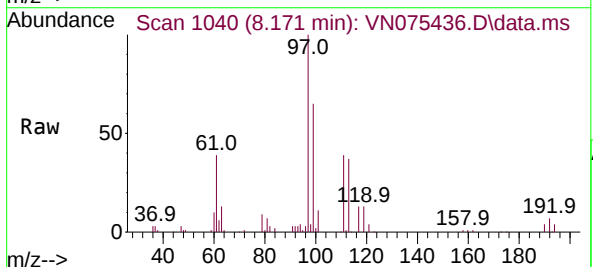
Tgt Ion: 97 Resp: 131170

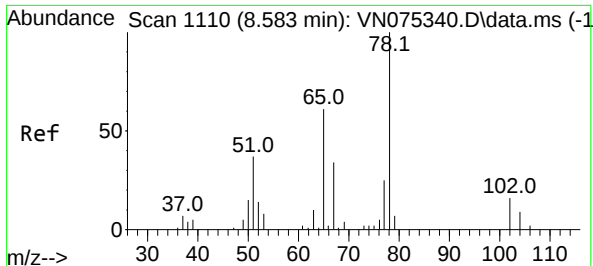
Ion Ratio Lower Upper

97 100

99 64.4 50.2 75.2

61 41.7 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 47.578 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

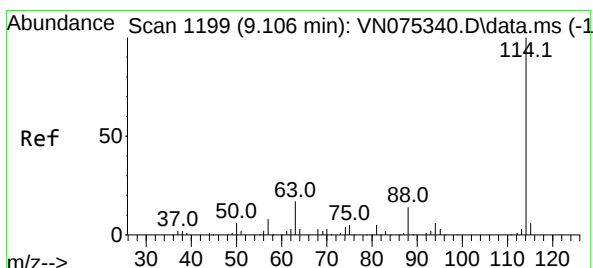
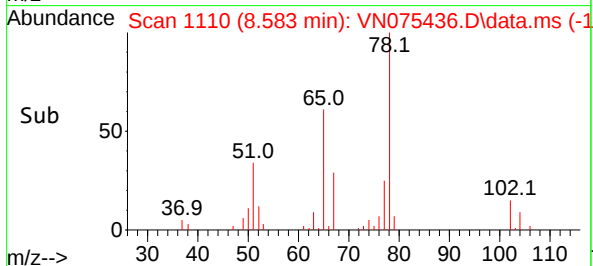
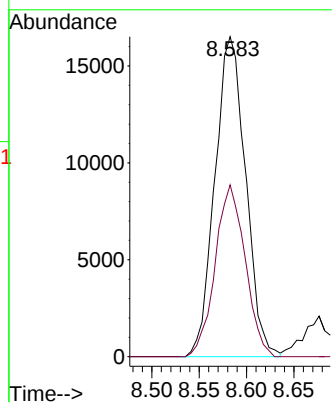
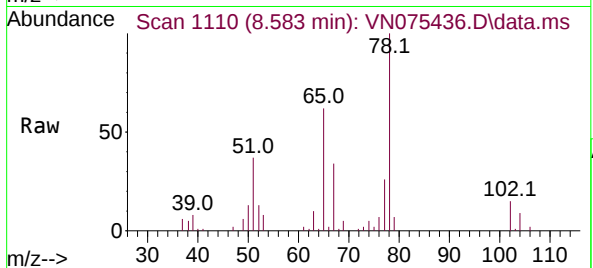
VSTDCCC050EC

Tgt Ion: 65 Resp: 37246

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

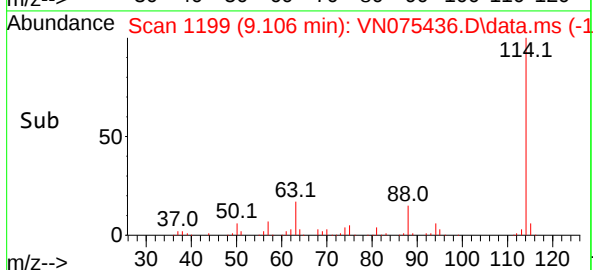
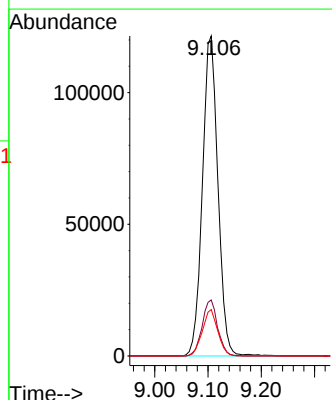
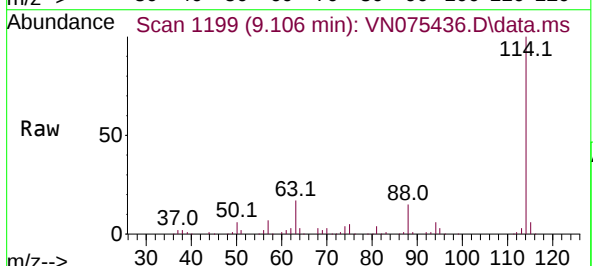
Tgt Ion: 114 Resp: 245214

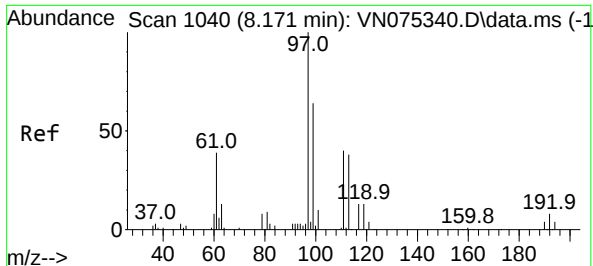
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.530 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

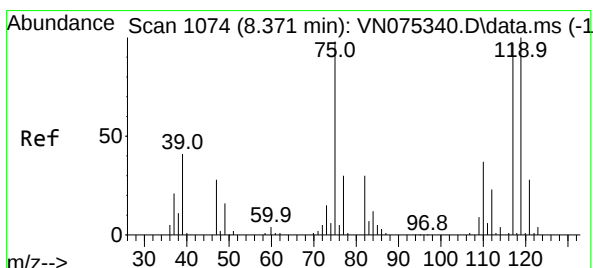
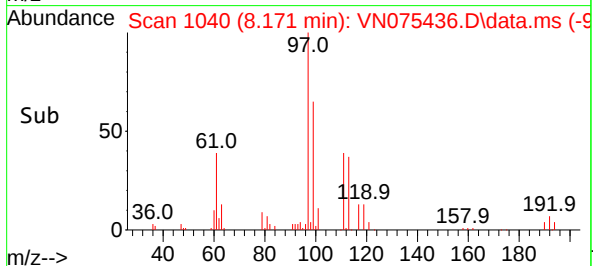
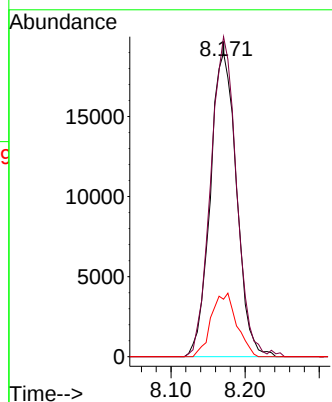
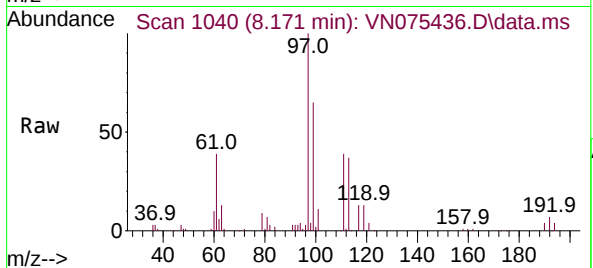
Tgt Ion:113 Resp: 46748

Ion Ratio Lower Upper

113 100

111 103.0 80.5 120.7

192 20.3 13.2 19.8#



#36

1,1-Dichloropropene

Concen: 48.394 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

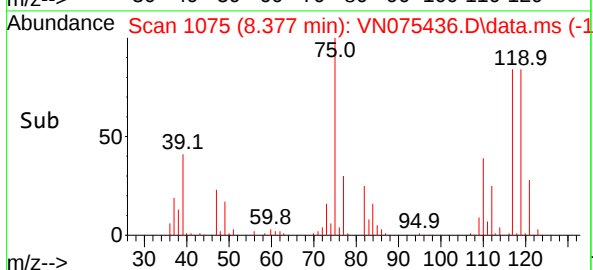
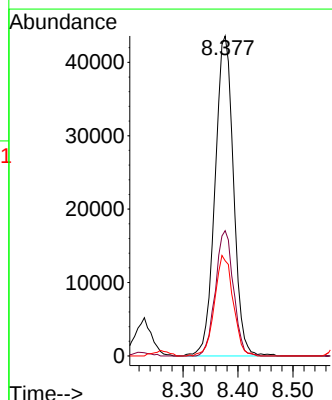
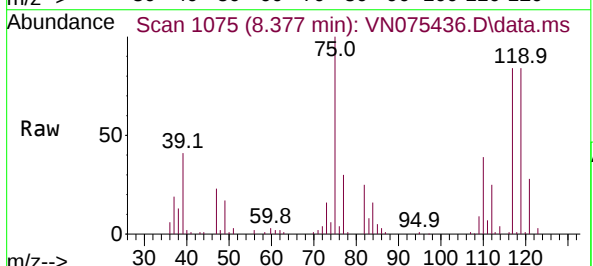
Tgt Ion: 75 Resp: 101660

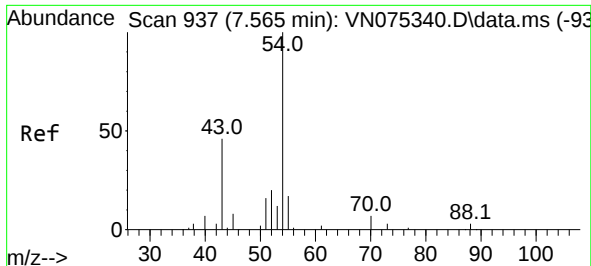
Ion Ratio Lower Upper

75 100

110 38.3 17.8 53.3

77 31.6 24.6 37.0

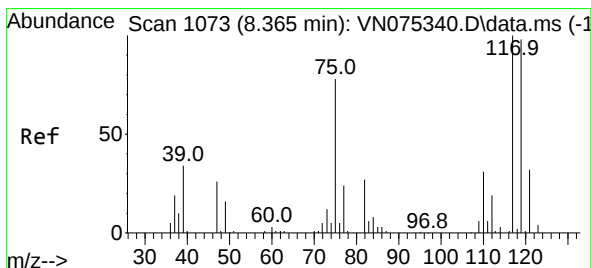
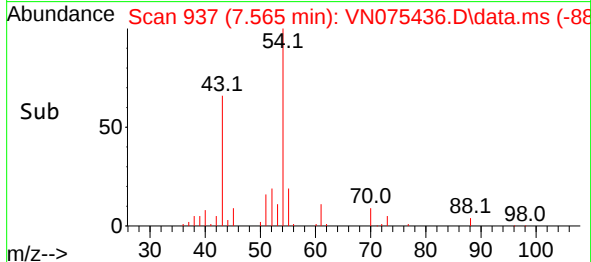
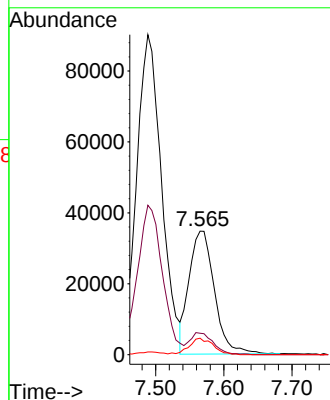
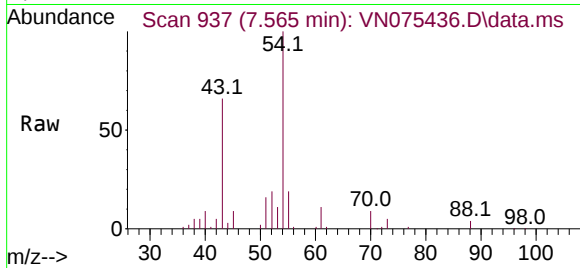




#37  
Ethyl Acetate  
Concen: 47.276 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

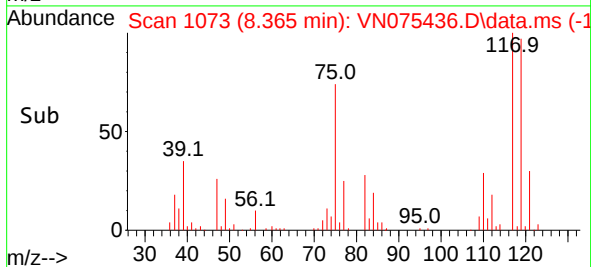
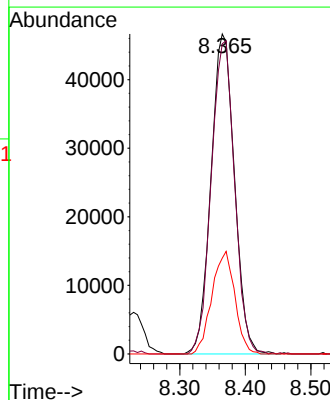
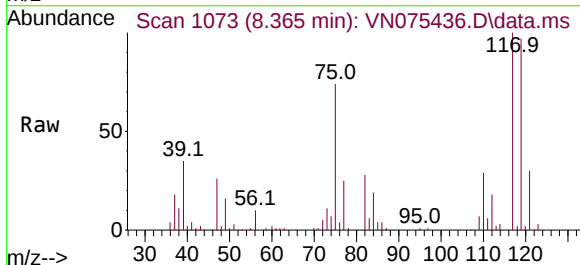
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

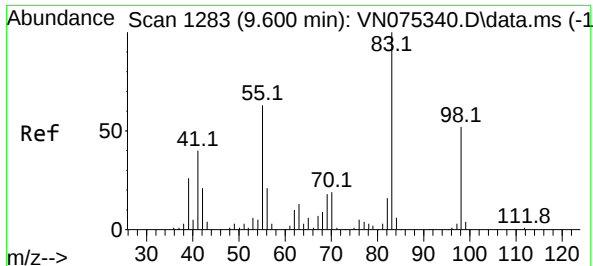
Tgt Ion: 43 Resp: 89424  
Ion Ratio Lower Upper  
43 100  
61 16.5 12.2 18.4  
70 12.7 9.4 14.2



#38  
Carbon Tetrachloride  
Concen: 50.228 ug/l  
RT: 8.365 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 117 Resp: 115909  
Ion Ratio Lower Upper  
117 100  
119 96.9 76.7 115.1  
121 30.0 23.9 35.9





#39

Methylcyclohexane

Concen: 49.139 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

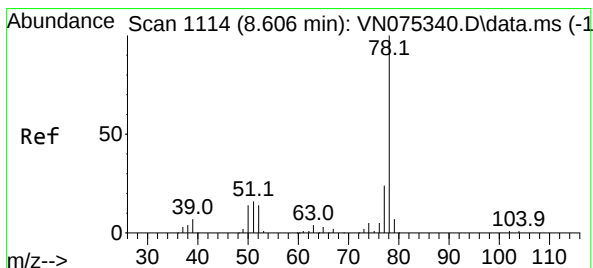
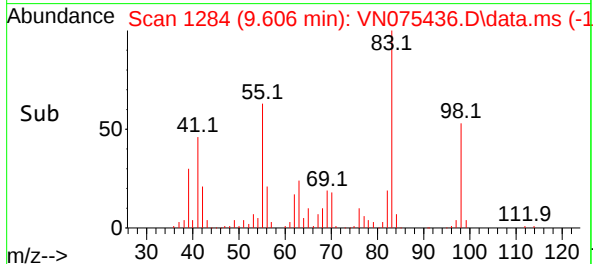
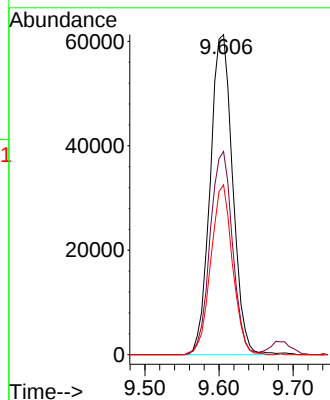
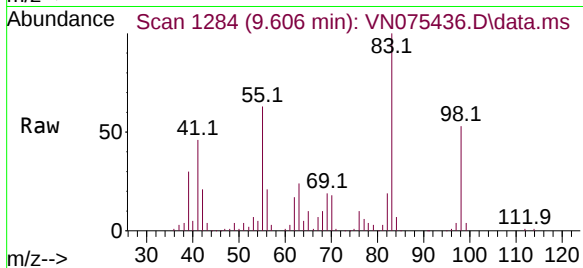
Tgt Ion: 83 Resp: 129191

Ion Ratio Lower Upper

83 100

55 63.5 53.6 80.4

98 53.1 41.1 61.7



#40

Benzene

Concen: 48.704 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VN075436.D

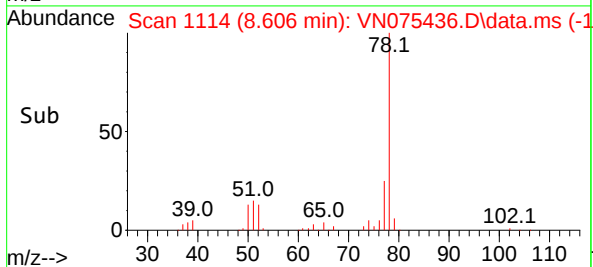
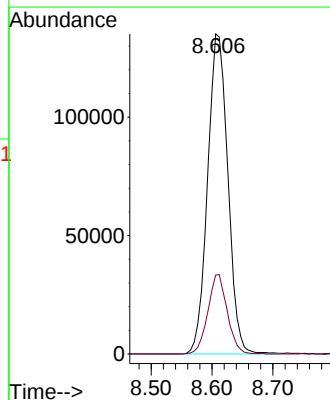
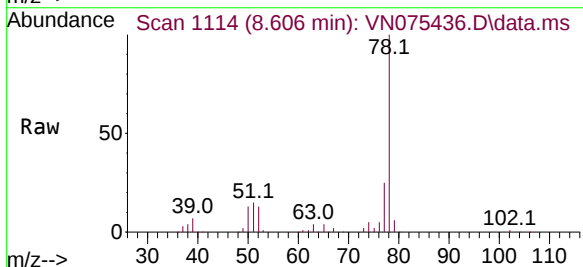
Acq: 25 Nov 2022 21:17

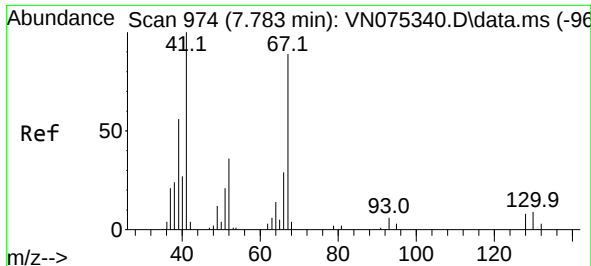
Tgt Ion: 78 Resp: 313250

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0

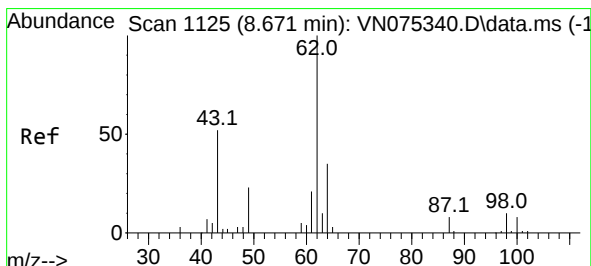
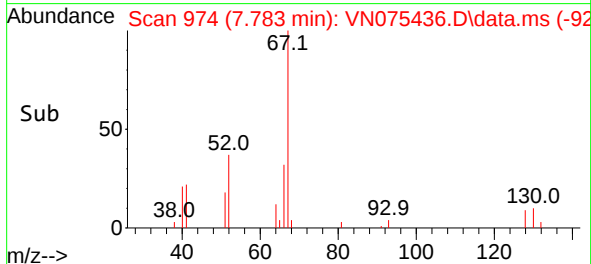
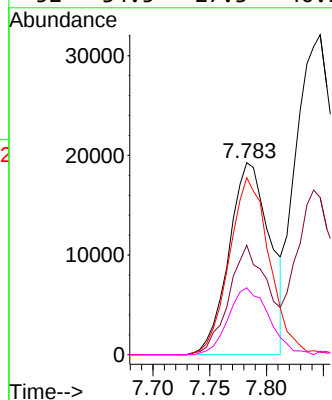
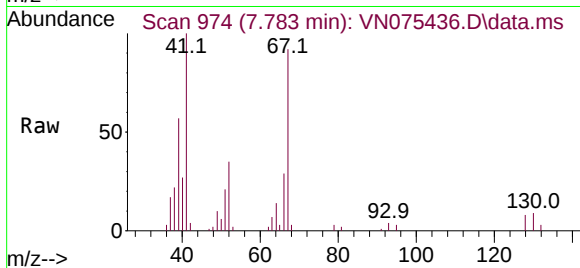




#41  
Methacrylonitrile  
Concen: 49.976 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

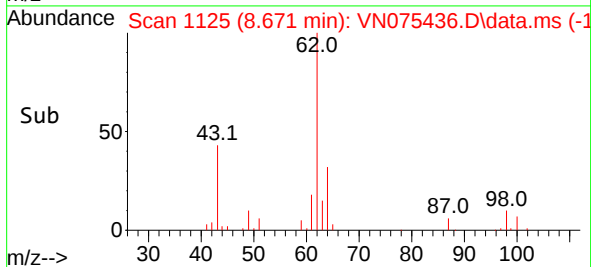
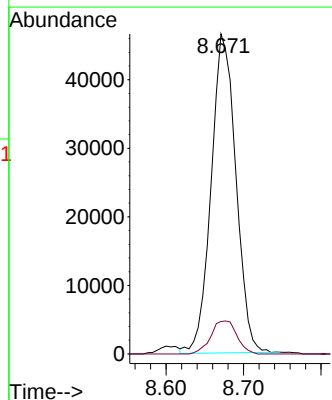
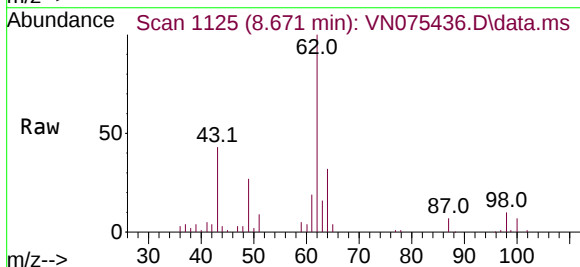
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

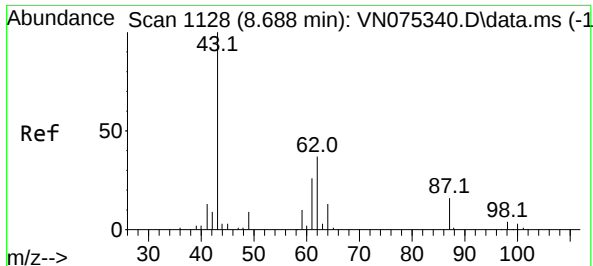
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 48329 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.7  | 44.4  | 66.6  |
| 67       | 91.3  | 69.8  | 104.6 |
| 52       | 34.5  | 27.3  | 40.9  |



#42  
1,2-Dichloroethane  
Concen: 47.971 ug/l  
RT: 8.671 min Scan# 1125  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 103331 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.9  | 0.0   | 18.2   |





#43

Isopropyl Acetate

Concen: 48.459 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

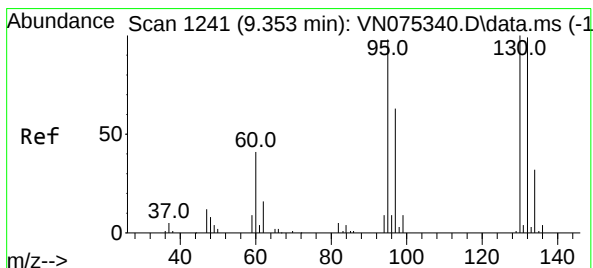
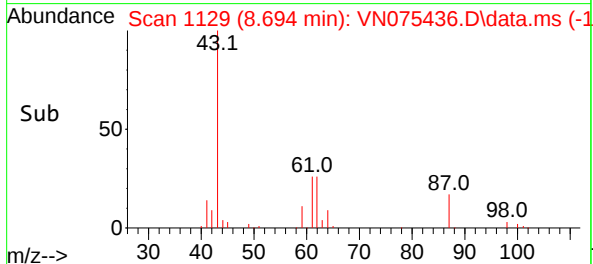
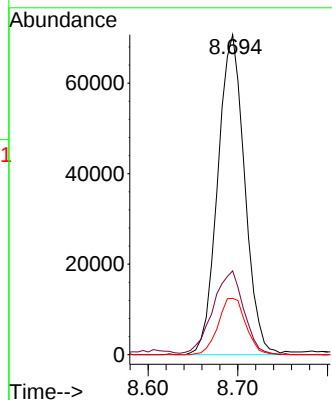
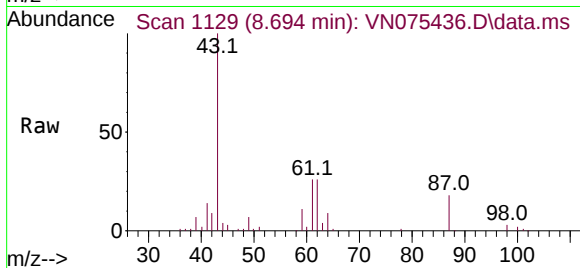
Tgt Ion: 43 Resp: 147129

Ion Ratio Lower Upper

43 100

61 30.1 22.4 33.6

87 18.1 12.5 18.7



#44

Trichloroethene

Concen: 49.026 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VN075436.D

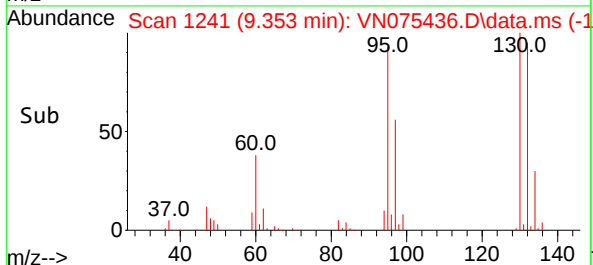
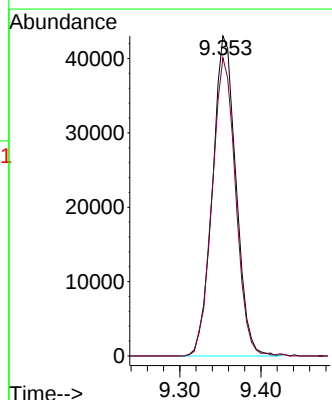
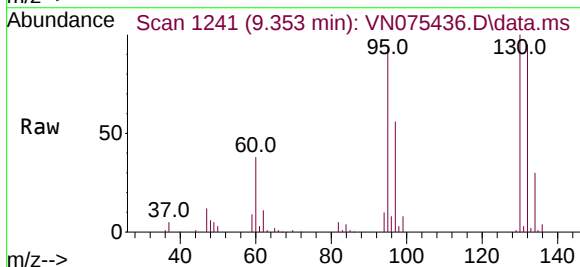
Acq: 25 Nov 2022 21:17

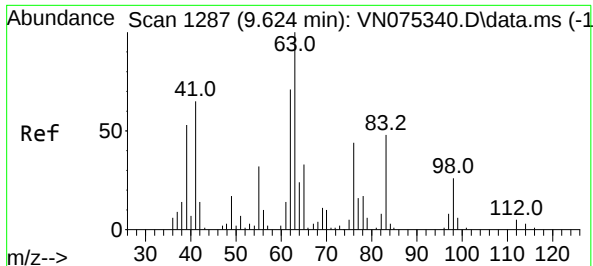
Tgt Ion:130 Resp: 86280

Ion Ratio Lower Upper

130 100

95 93.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 48.463 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

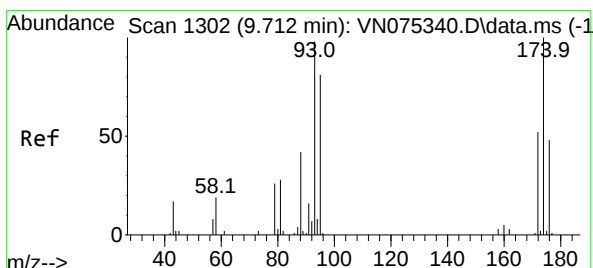
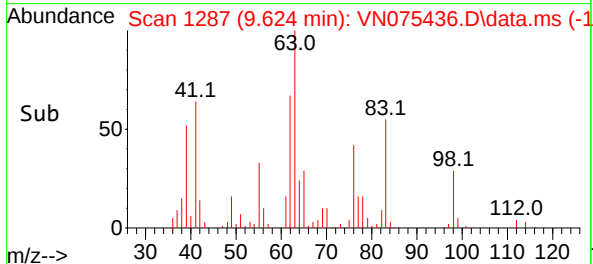
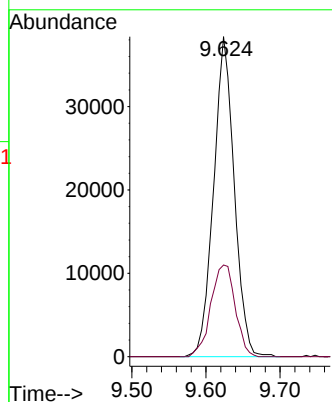
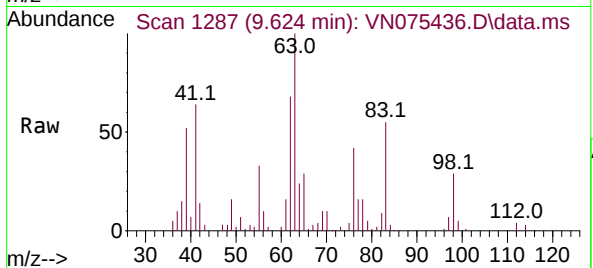
VSTDCCC050EC

Tgt Ion: 63 Resp: 74280

Ion Ratio Lower Upper

63 100

65 28.7 26.1 39.1



#46

Dibromomethane

Concen: 50.012 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

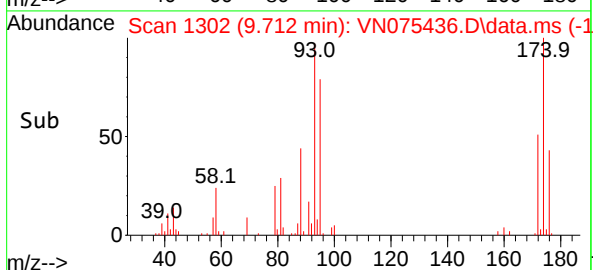
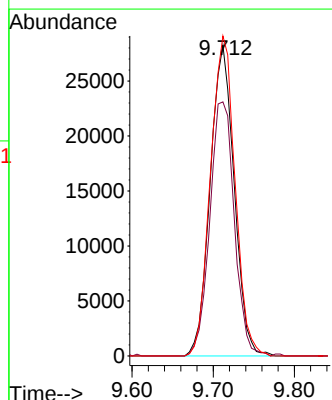
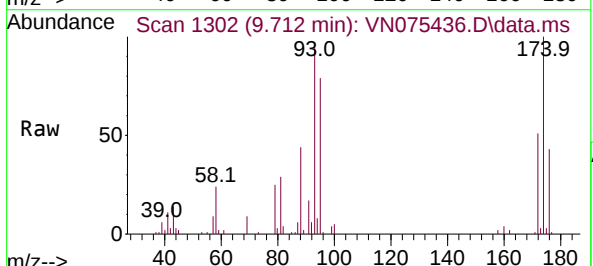
Tgt Ion: 93 Resp: 57979

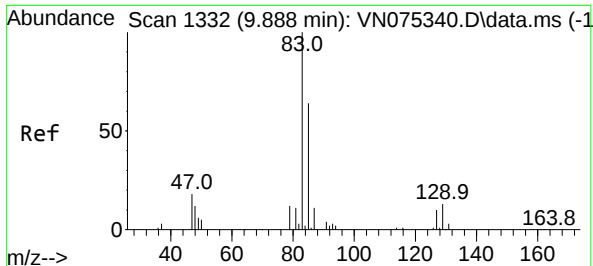
Ion Ratio Lower Upper

93 100

95 83.6 66.6 99.8

174 105.4 70.3 105.5

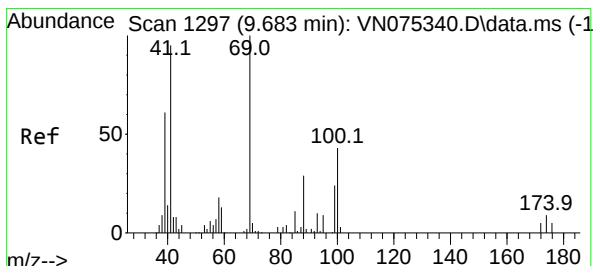
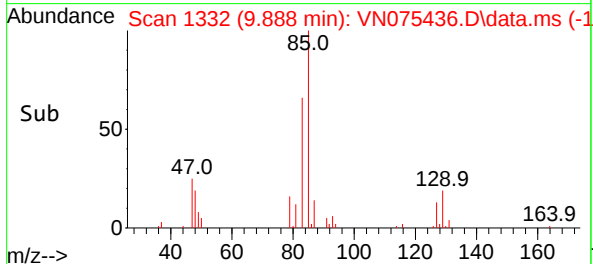
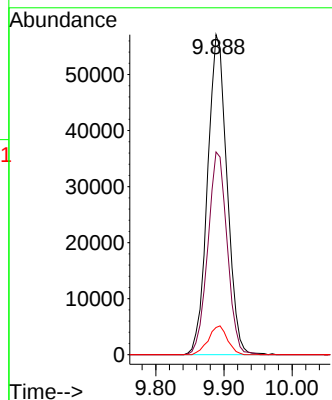
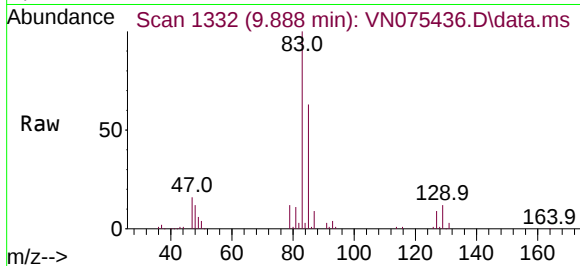




#47  
Bromodichloromethane  
Concen: 50.518 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

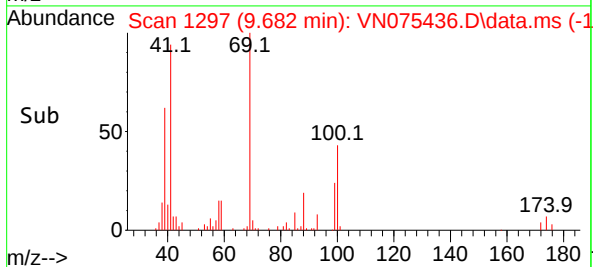
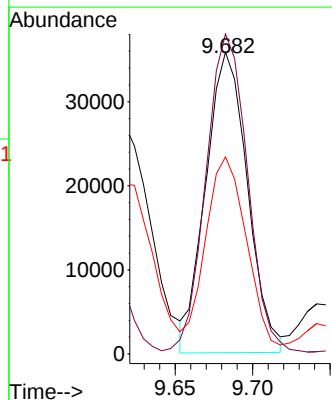
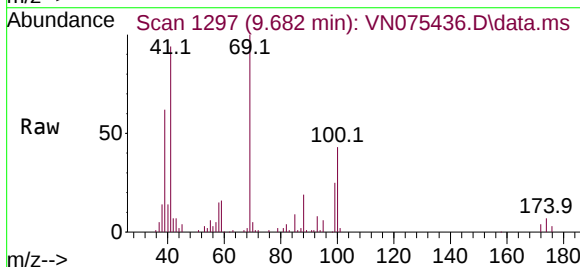
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

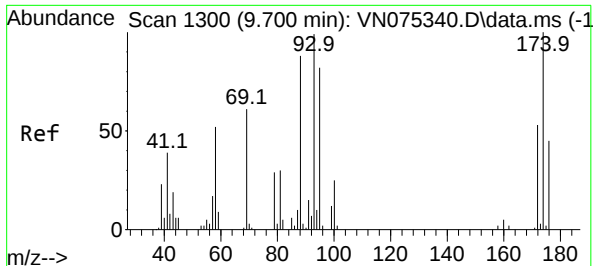
Tgt Ion: 83 Resp: 113416  
Ion Ratio Lower Upper  
83 100  
85 63.3 52.1 78.1  
127 8.5 6.6 10.0



#48  
Methyl methacrylate  
Concen: 47.618 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. -0.001 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 41 Resp: 66850  
Ion Ratio Lower Upper  
41 100  
69 107.4 80.2 120.2  
39 65.9 56.2 84.2





#49

1,4-Dioxane

Concen: 999.468 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

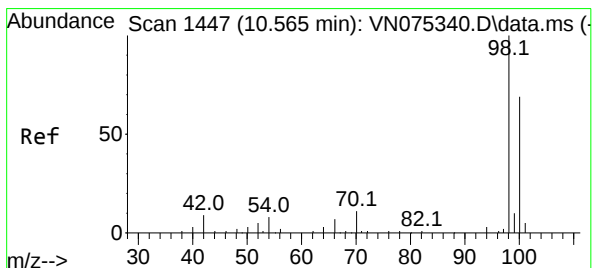
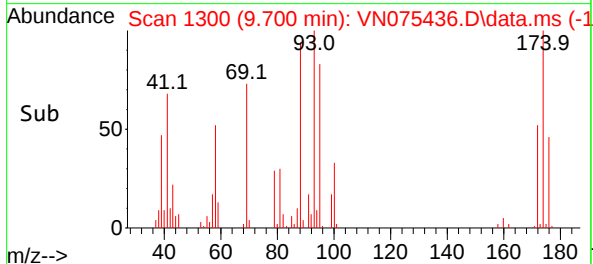
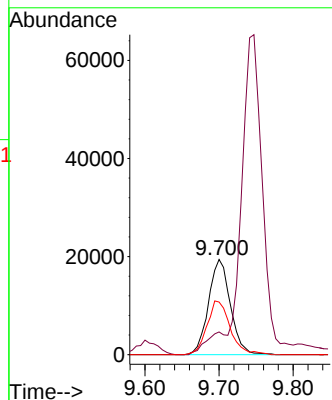
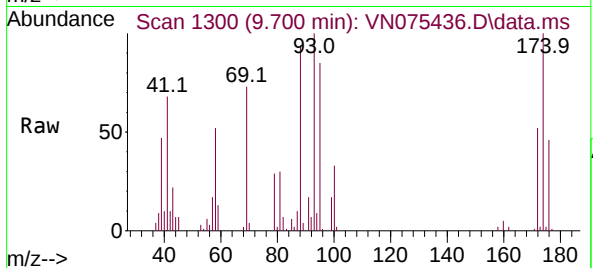
Tgt Ion: 88 Resp: 39843

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3#

58 59.9 49.8 74.8



#50

Toluene-d8

Concen: 49.133 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075436.D

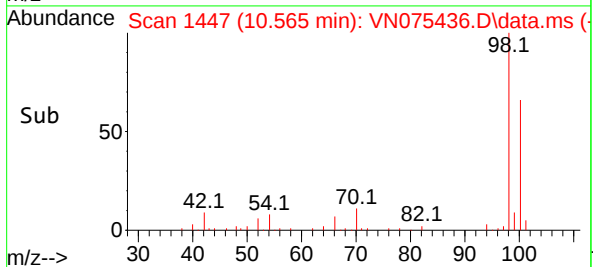
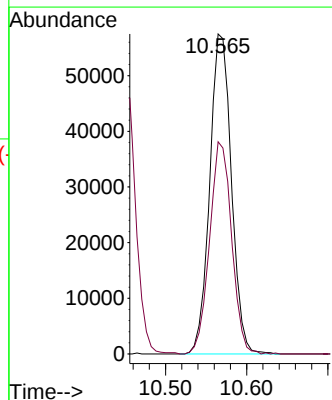
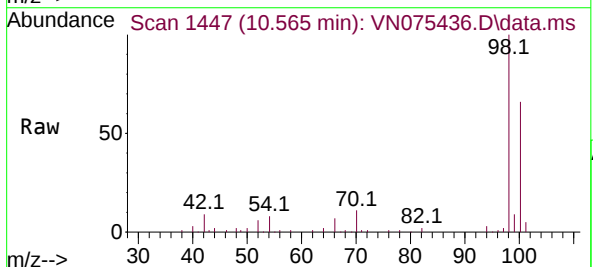
Acq: 25 Nov 2022 21:17

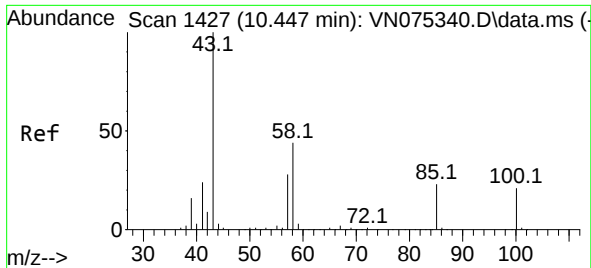
Tgt Ion: 98 Resp: 106599

Ion Ratio Lower Upper

98 100

100 67.5 53.0 79.6

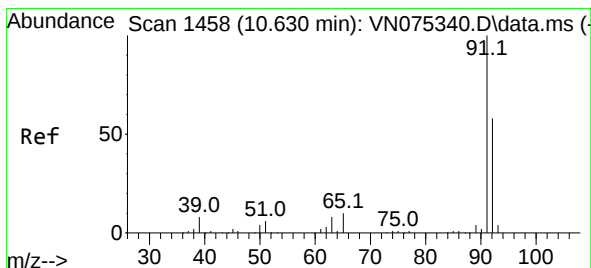
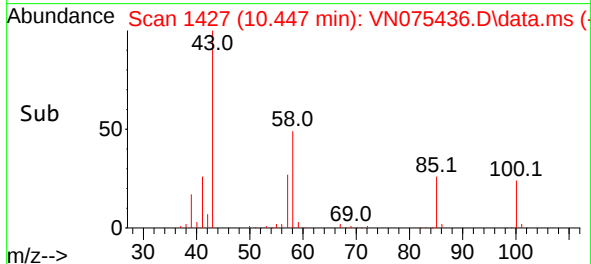
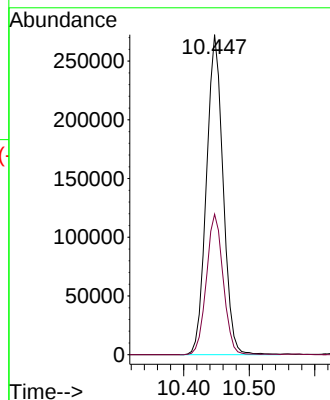
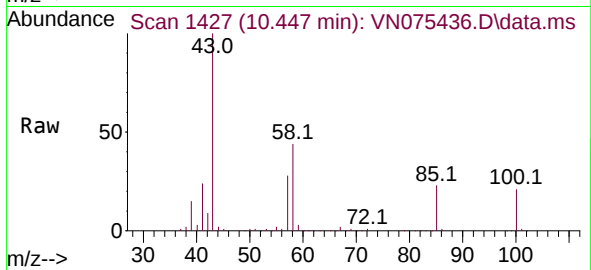




#51  
4-Methyl-2-Pentanone  
Concen: 248.842 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

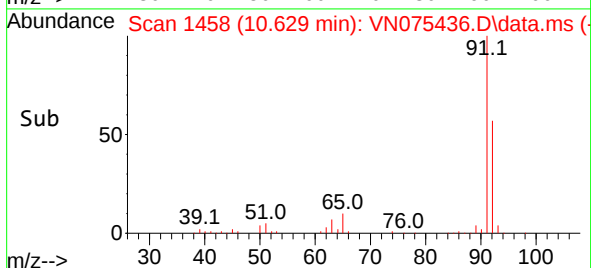
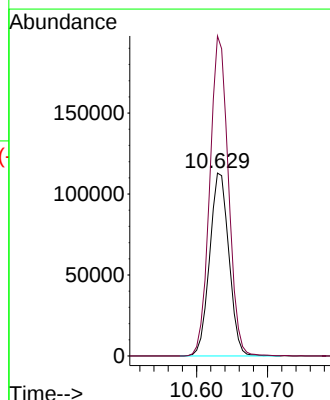
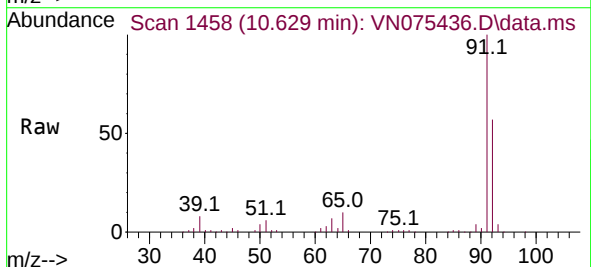
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

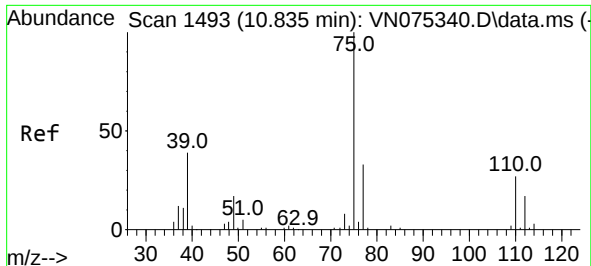
Tgt Ion: 43 Resp: 481205  
Ion Ratio Lower Upper  
43 100  
58 44.3 33.6 50.4



#52  
Toluene  
Concen: 51.279 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.001 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 92 Resp: 212534  
Ion Ratio Lower Upper  
92 100  
91 169.4 135.4 203.2

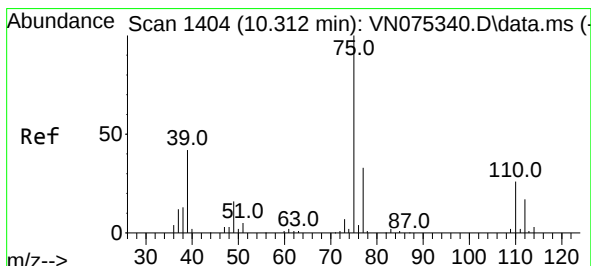
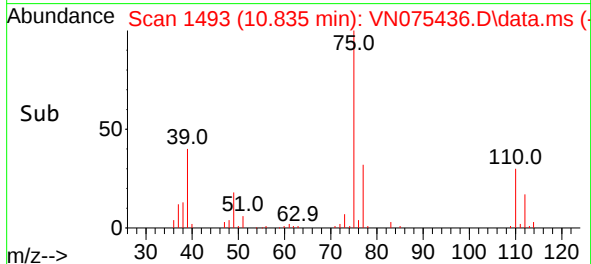
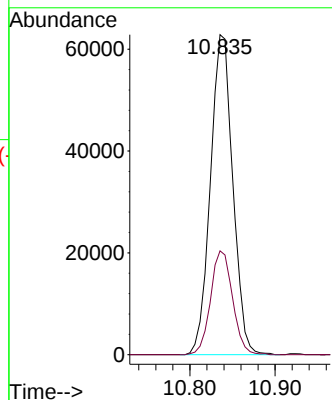
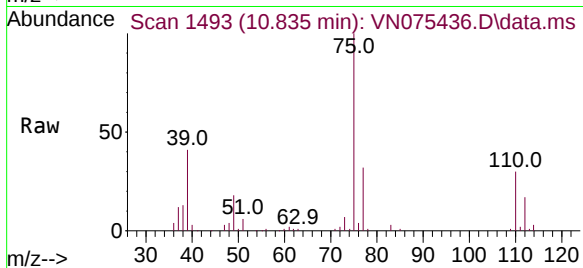




#53  
t-1,3-Dichloropropene  
Concen: 50.874 ug/l  
RT: 10.835 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

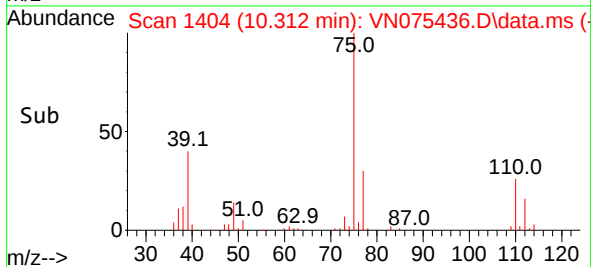
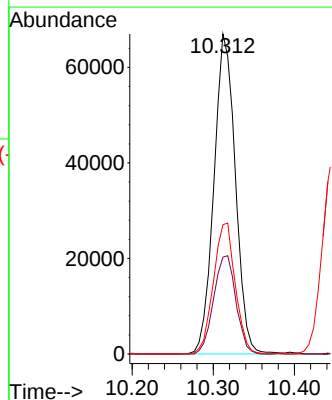
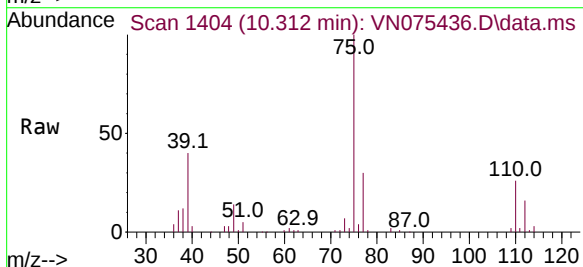
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

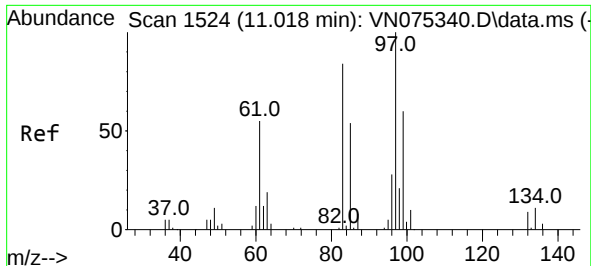
Tgt Ion: 75 Resp: 114663  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 50.285 ug/l  
RT: 10.312 min Scan# 1404  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 75 Resp: 123092  
Ion Ratio Lower Upper  
75 100  
77 30.2 23.7 35.5  
39 40.4 35.8 53.6

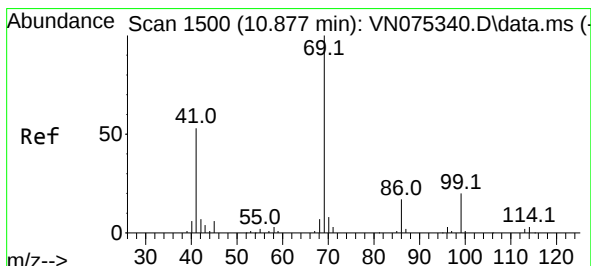
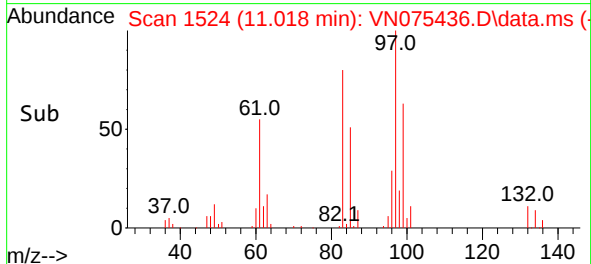
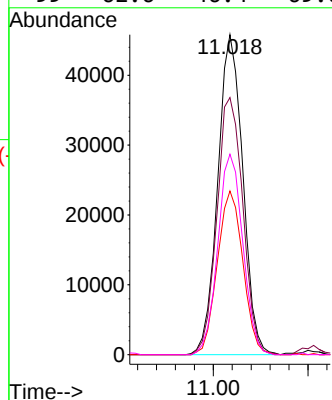
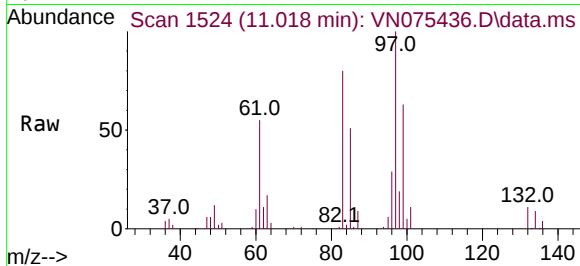




#55  
1,1,2-Trichloroethane  
Concen: 49.785 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

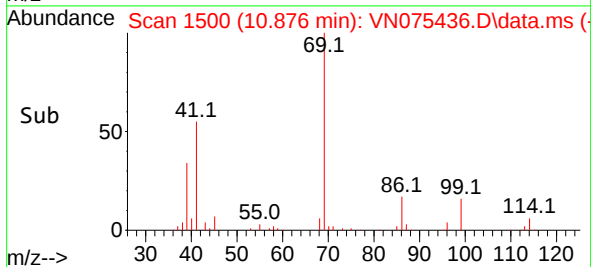
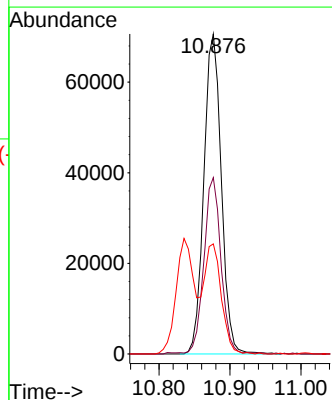
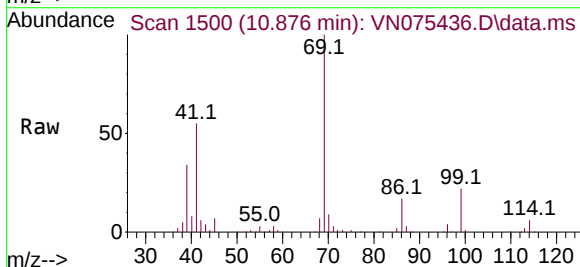
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

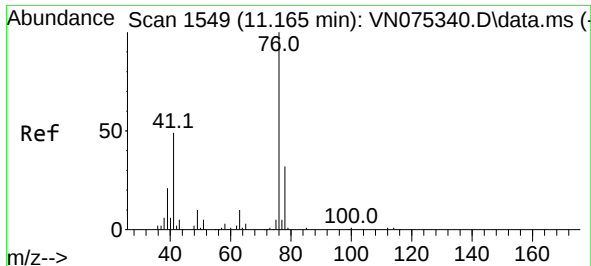
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 84041 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.4  | 65.9  | 98.9  |
| 85       | 51.1  | 40.4  | 60.6  |
| 99       | 62.6  | 46.4  | 69.6  |



#56  
Ethyl methacrylate  
Concen: 52.981 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. -0.001 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 120783 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 54.2  | 45.6  | 68.4   |
| 39       | 35.6  | 28.5  | 42.7   |





#57

1,3-Dichloropropane

Concen: 50.195 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

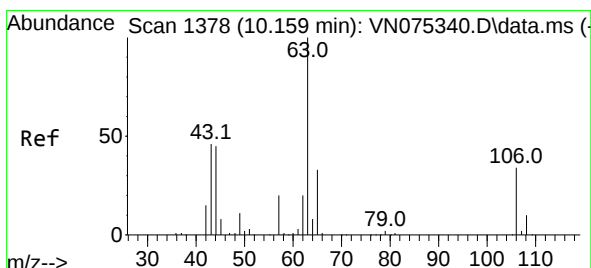
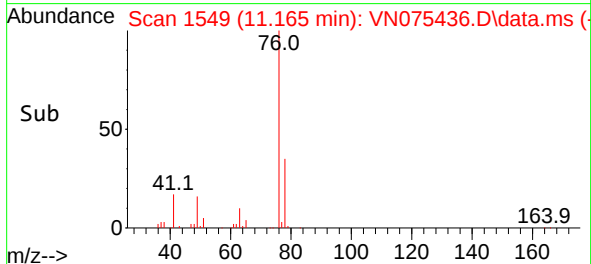
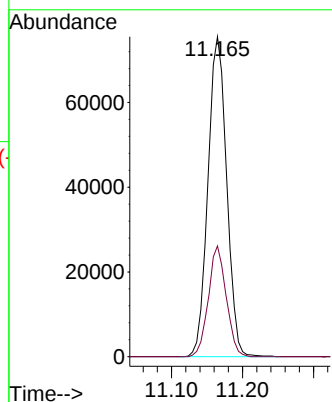
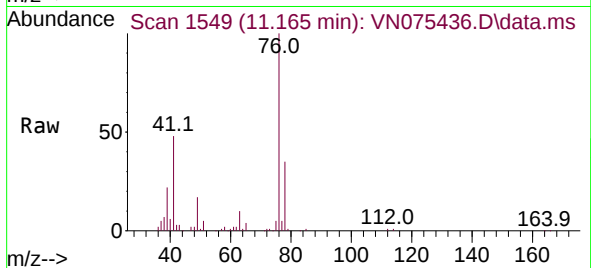
VSTDCCC050EC

Tgt Ion: 76 Resp: 138162

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 281.110 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075436.D

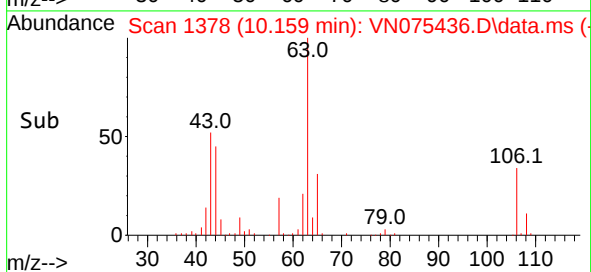
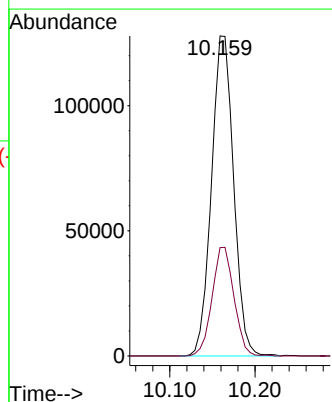
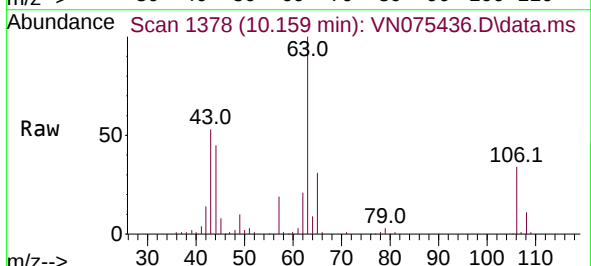
Acq: 25 Nov 2022 21:17

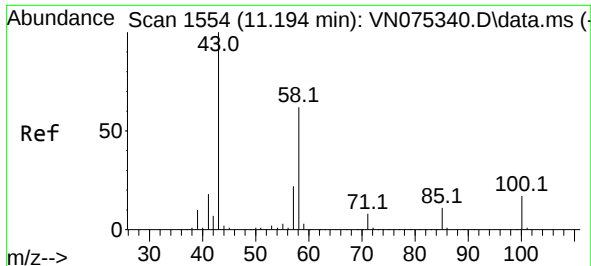
Tgt Ion: 63 Resp: 231127

Ion Ratio Lower Upper

63 100

106 33.5 24.8 37.2

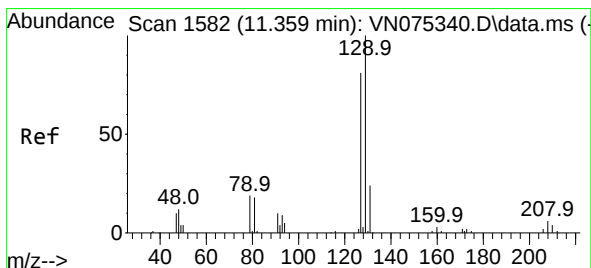
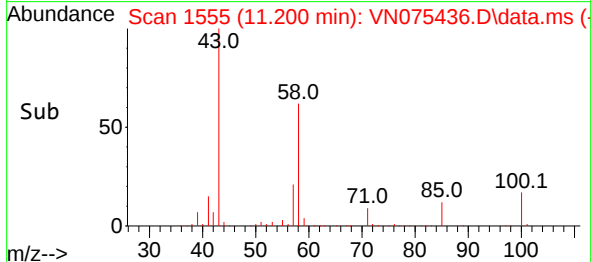
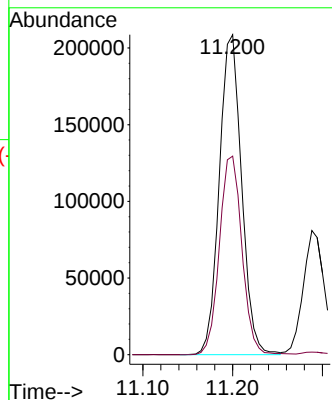
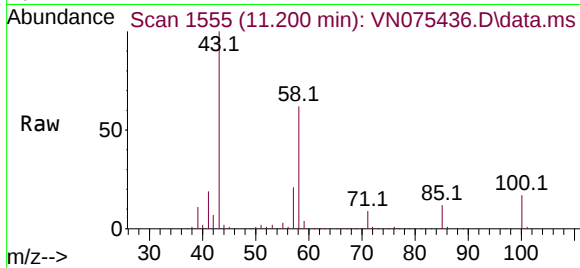




#59  
2-Hexanone  
Concen: 247.837 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. 0.006 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

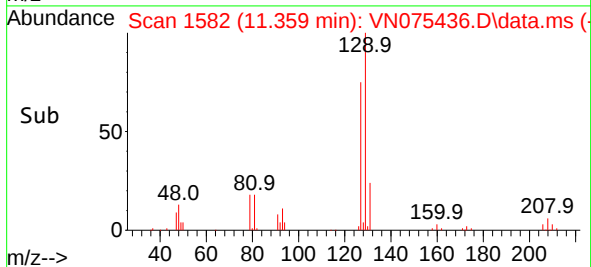
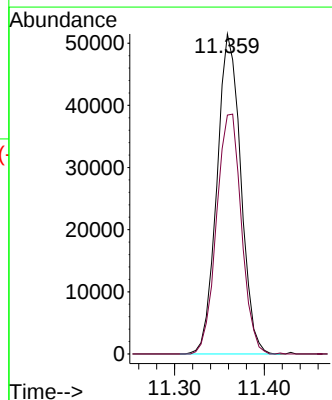
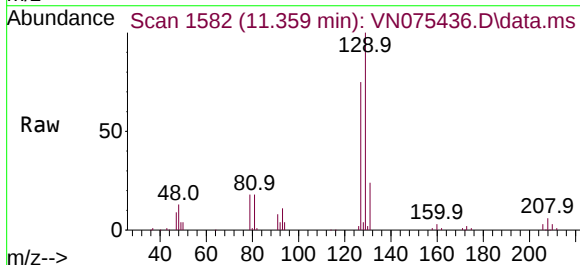
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

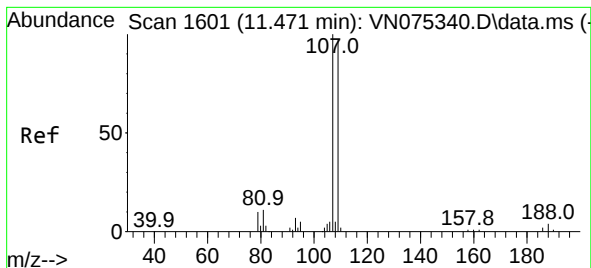
Tgt Ion: 43 Resp: 359879  
Ion Ratio Lower Upper  
43 100  
58 62.8 29.6 88.8



#60  
Dibromochloromethane  
Concen: 54.852 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion:129 Resp: 95043  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.146 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

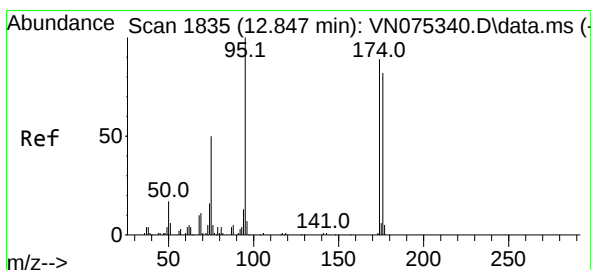
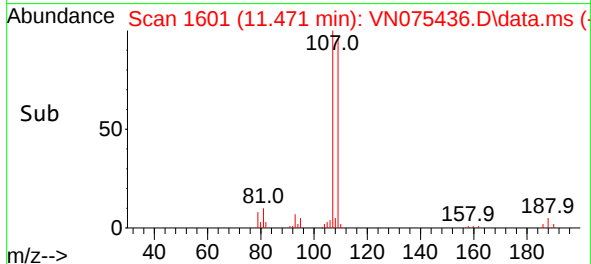
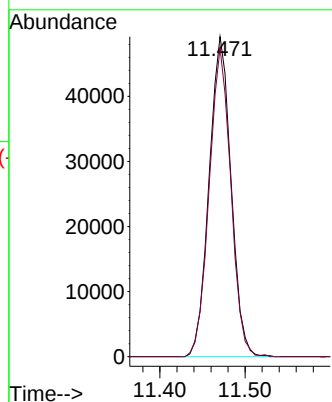
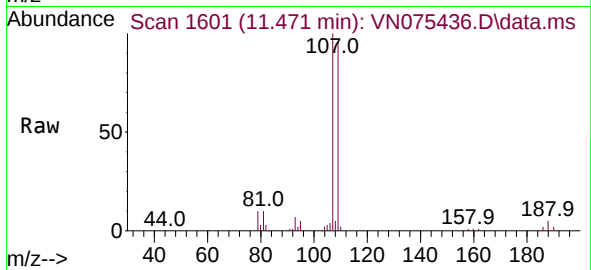
VSTDCCC050EC

Tgt Ion:107 Resp: 87861

Ion Ratio Lower Upper

107 100

109 95.1 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 51.072 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

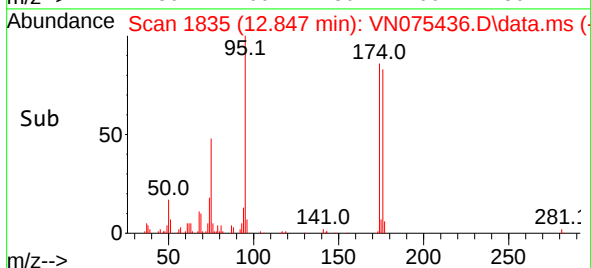
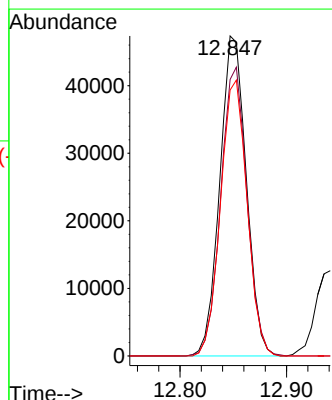
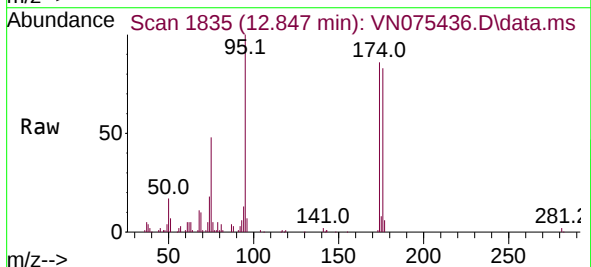
Tgt Ion: 95 Resp: 81786

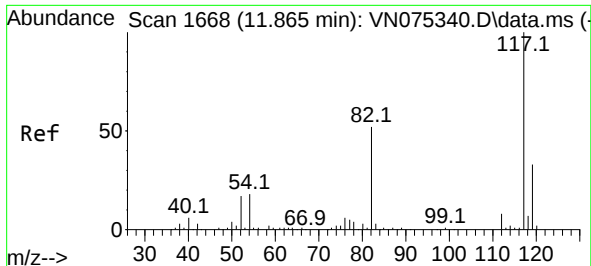
Ion Ratio Lower Upper

95 100

174 89.3 0.0 147.4

176 86.4 0.0 142.2

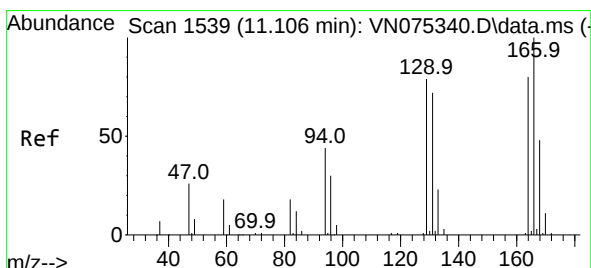
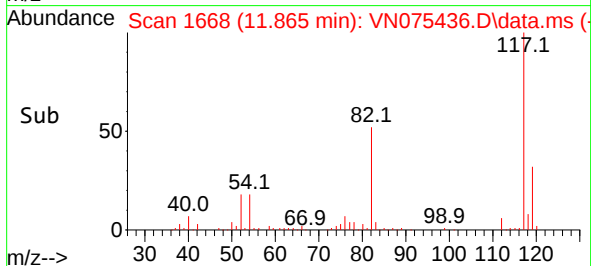
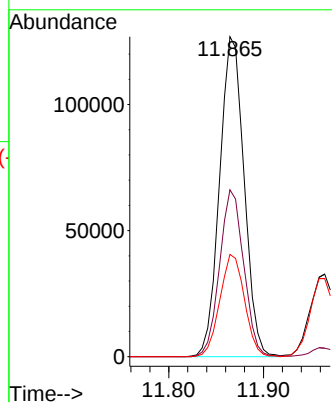
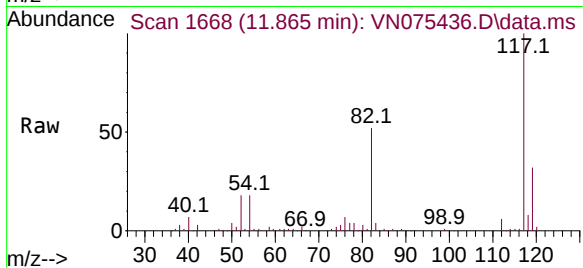




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

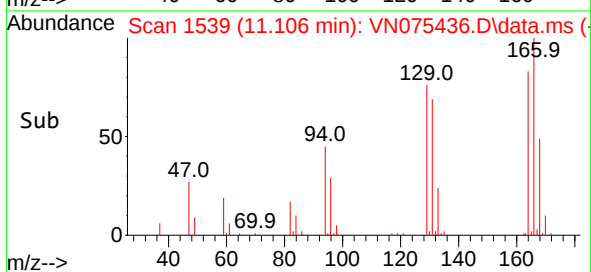
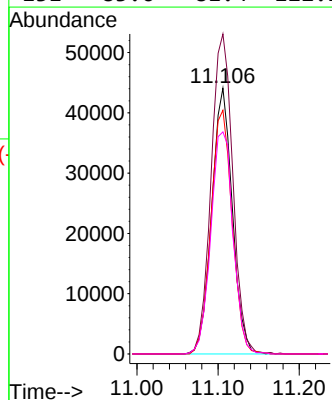
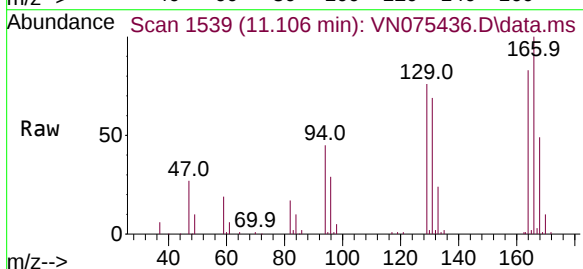
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

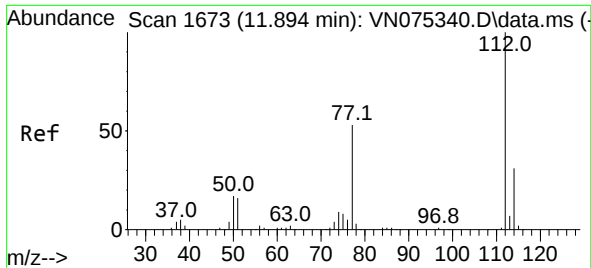
Tgt Ion:117 Resp: 228434  
Ion Ratio Lower Upper  
117 100  
82 52.2 43.1 64.7  
119 31.9 25.5 38.3



#64  
Tetrachloroethene  
Concen: 44.611 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion:164 Resp: 77821  
Ion Ratio Lower Upper  
164 100  
166 120.4 106.5 159.7  
129 91.7 81.9 122.9  
131 83.6 81.4 122.2

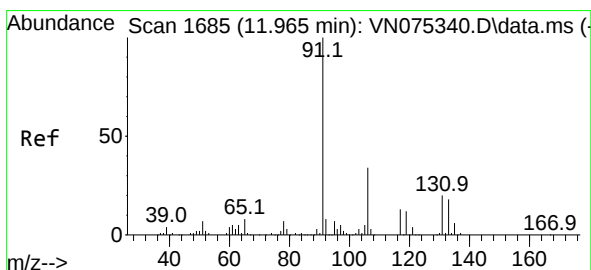
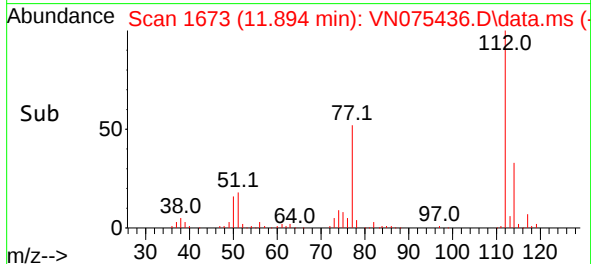
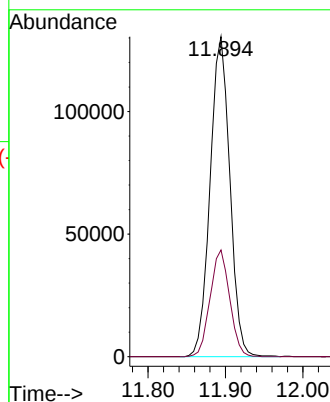
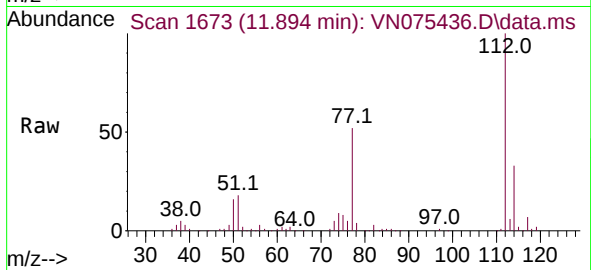




#65  
Chlorobenzene  
Concen: 48.960 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

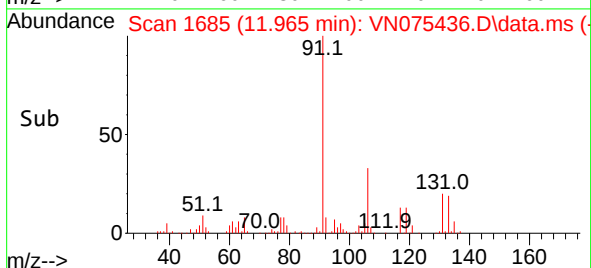
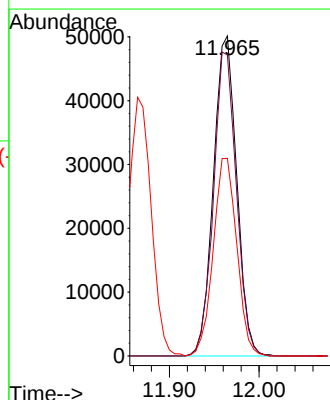
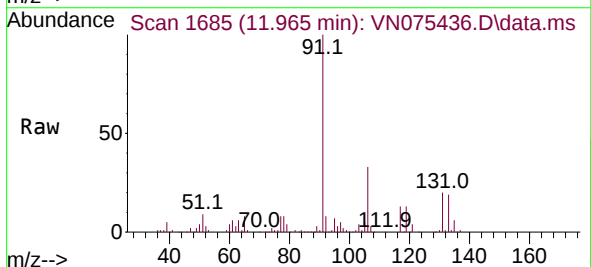
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

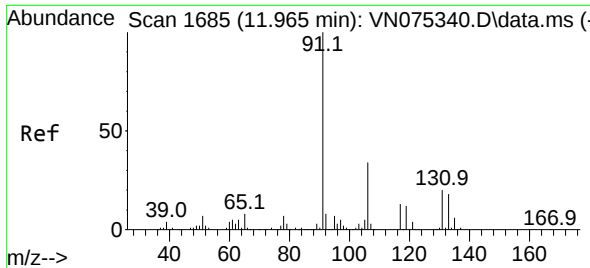
Tgt Ion:112 Resp: 230972  
Ion Ratio Lower Upper  
112 100  
114 33.4 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.315 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion:131 Resp: 90350  
Ion Ratio Lower Upper  
131 100  
133 93.7 47.8 143.4  
119 62.5 33.0 99.0

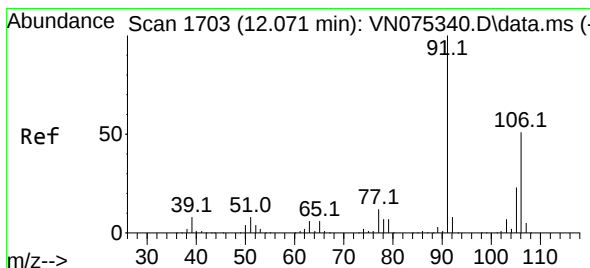
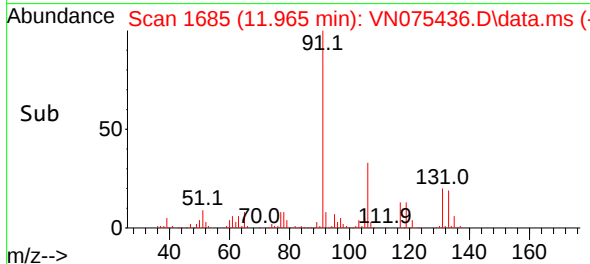
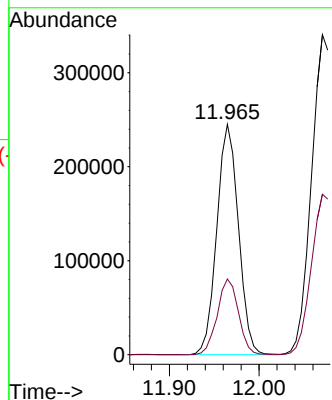
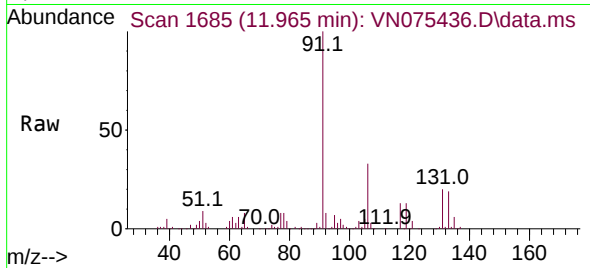




#67  
Ethyl Benzene  
Concen: 50.922 ug/l  
RT: 11.965 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

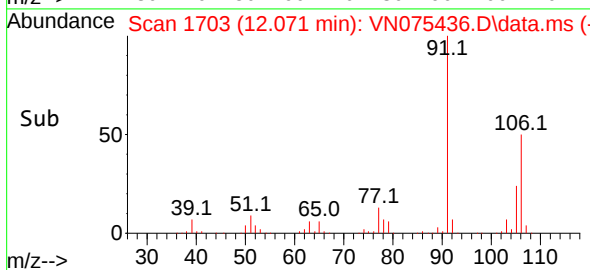
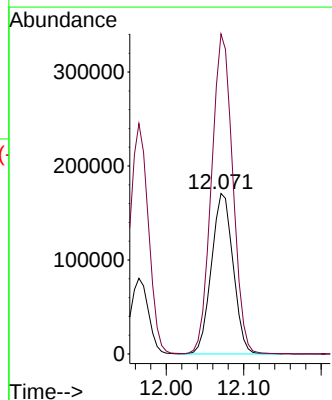
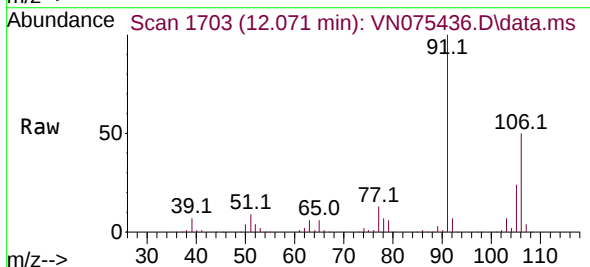
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

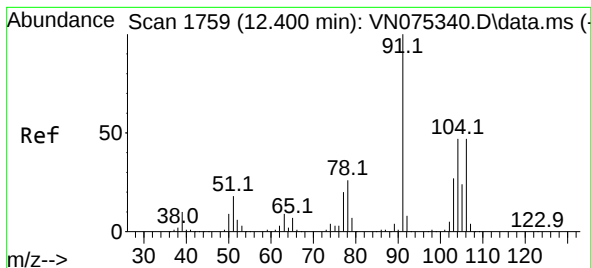
Tgt Ion: 91 Resp: 409840  
Ion Ratio Lower Upper  
91 100  
106 32.9 24.9 37.3



#68  
m/p-Xylenes  
Concen: 101.781 ug/l  
RT: 12.071 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion:106 Resp: 332657  
Ion Ratio Lower Upper  
106 100  
91 196.1 156.0 234.0





#69

o-Xylene

Concen: 51.362 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

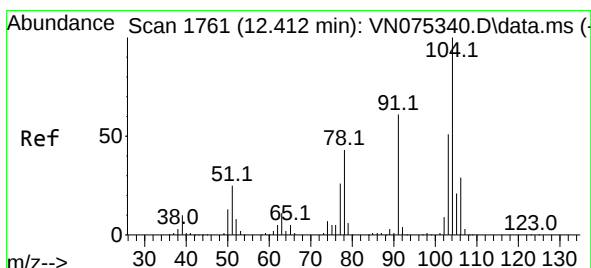
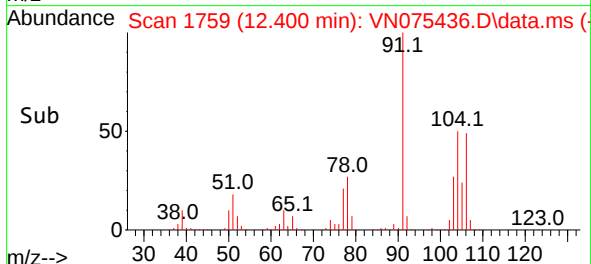
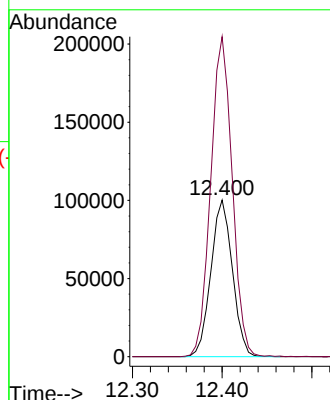
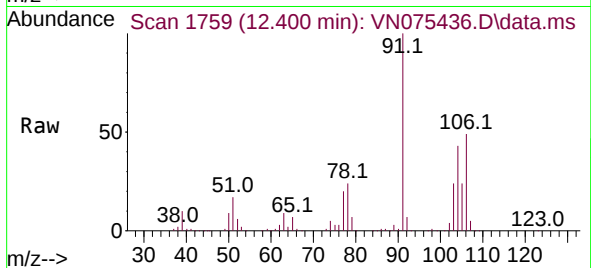
VSTDCCC050EC

Tgt Ion:106 Resp: 166790

Ion Ratio Lower Upper

106 100

91 204.2 105.2 315.5



#70

Styrene

Concen: 53.402 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

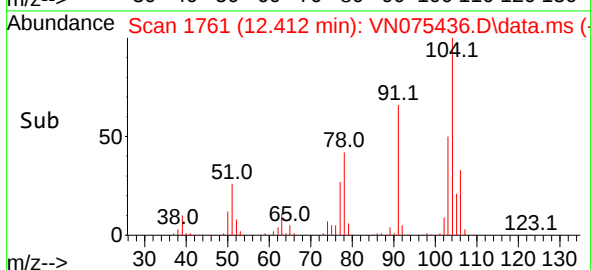
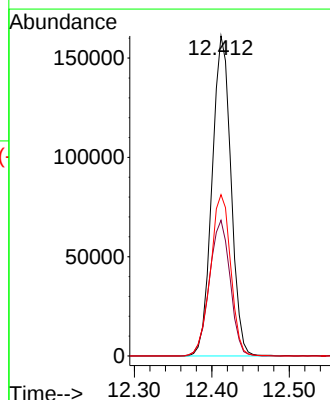
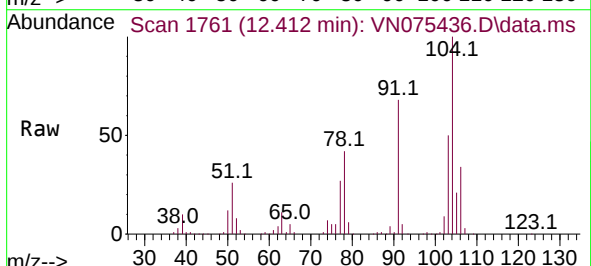
Tgt Ion:104 Resp: 273564

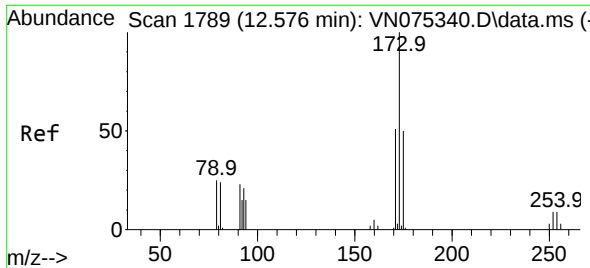
Ion Ratio Lower Upper

104 100

78 46.4 38.1 57.1

103 54.0 44.6 66.8

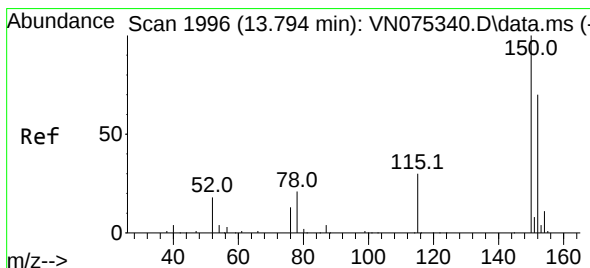
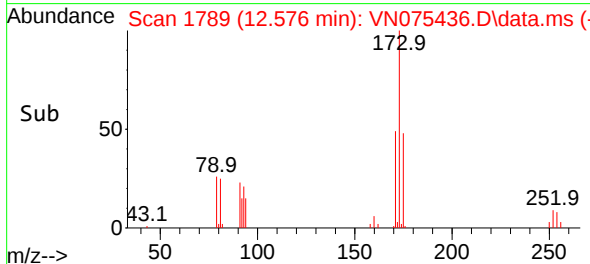
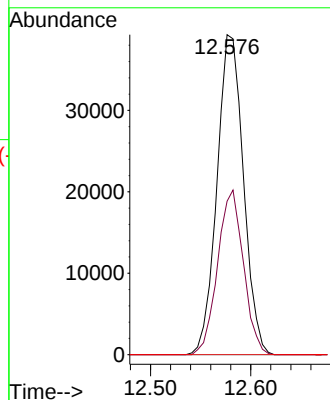
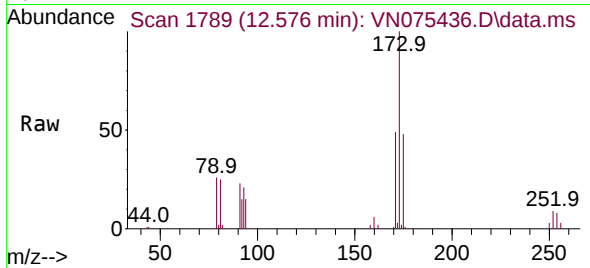




#71  
Bromoform  
Concen: 53.788 ug/l  
RT: 12.576 min Scan# 1789  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

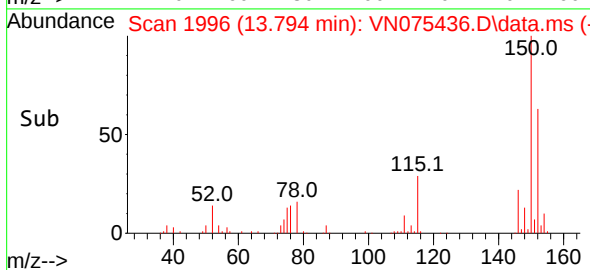
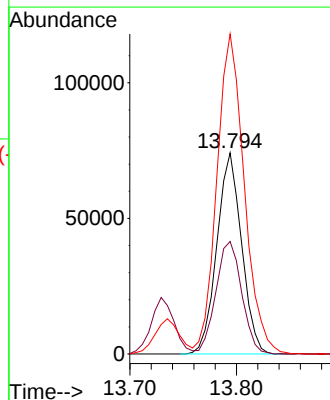
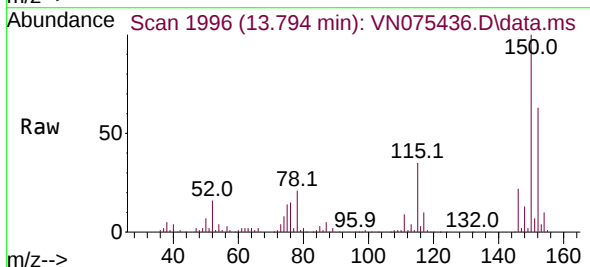
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

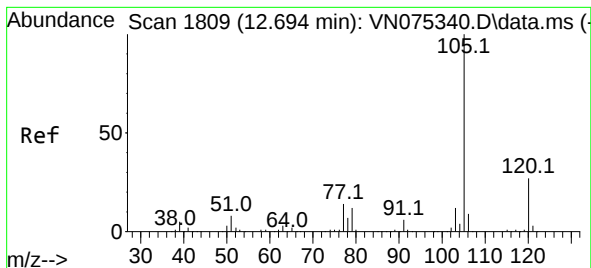
Tgt Ion:173 Resp: 72078  
Ion Ratio Lower Upper  
173 100  
175 50.1 24.6 74.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion:152 Resp: 119211  
Ion Ratio Lower Upper  
152 100  
115 58.6 30.2 90.6  
150 176.7 0.0 348.4





#73

Isopropylbenzene

Concen: 48.999 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

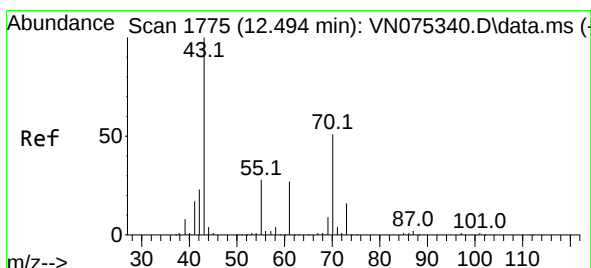
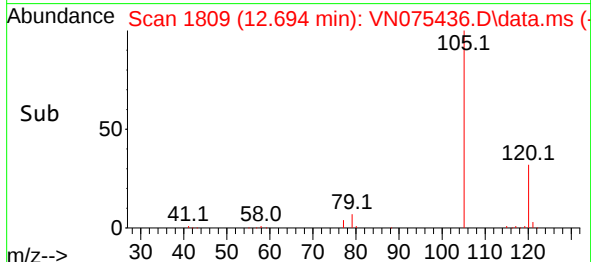
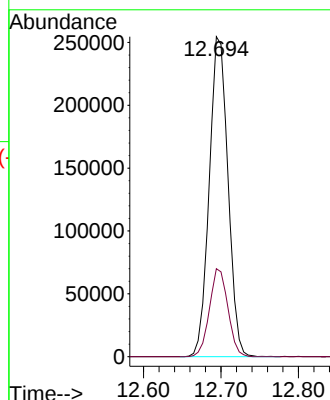
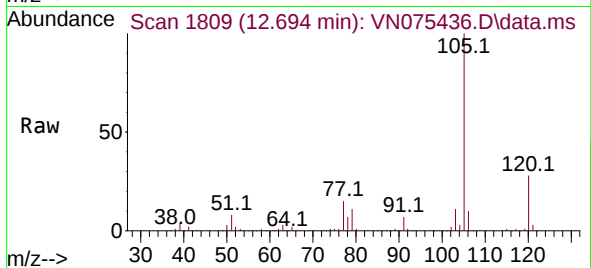
VSTDCCC050EC

Tgt Ion:105 Resp: 426759

Ion Ratio Lower Upper

105 100

120 27.1 13.1 39.1



#74

N-ethyl acetate

Concen: 51.255 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Tgt Ion: 43 Resp: 137240

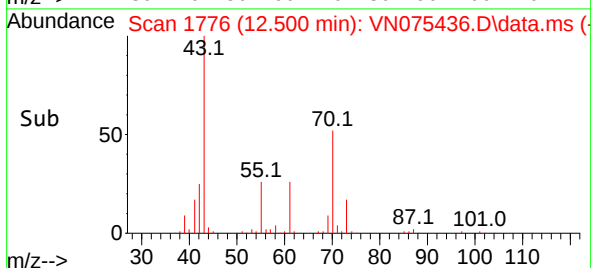
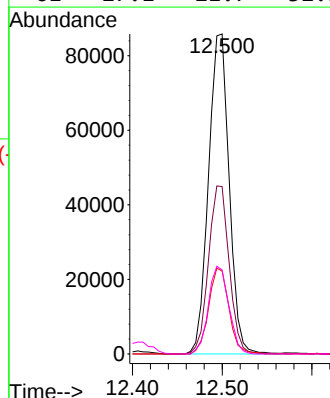
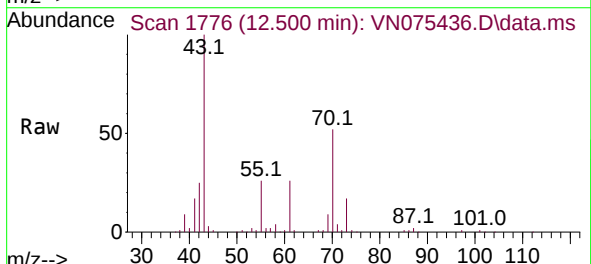
Ion Ratio Lower Upper

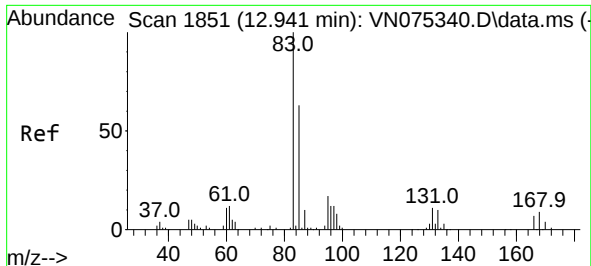
43 100

70 52.5 39.8 59.8

55 26.3 19.9 29.9

61 27.1 21.7 32.5

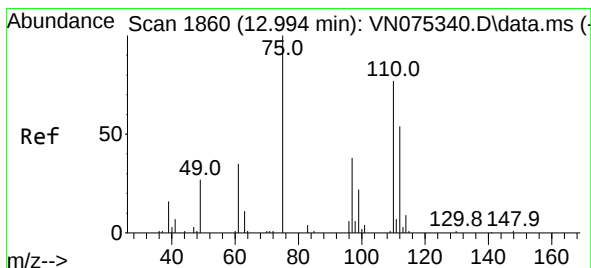
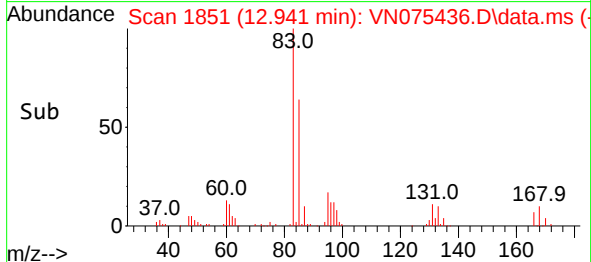
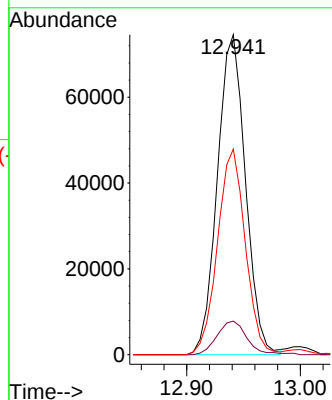
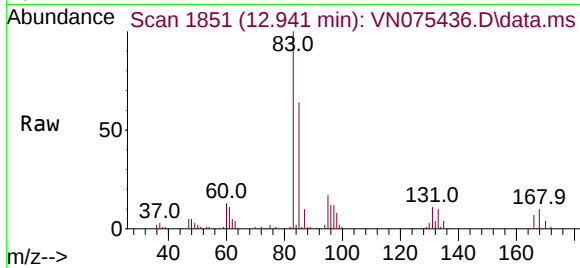




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.299 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

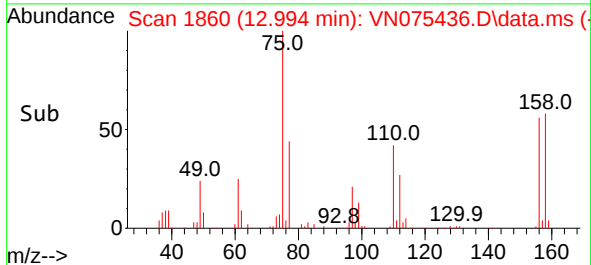
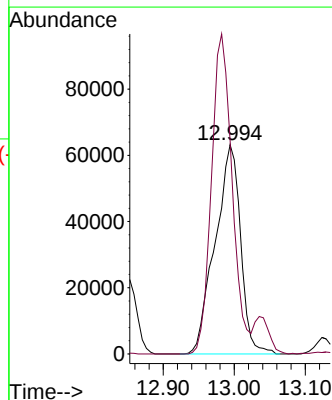
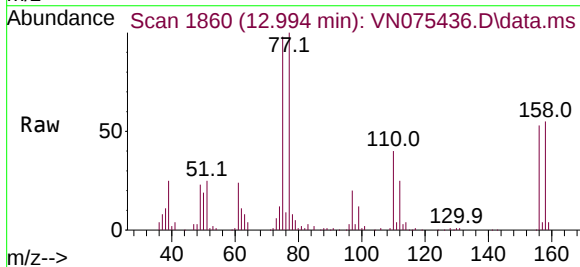
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

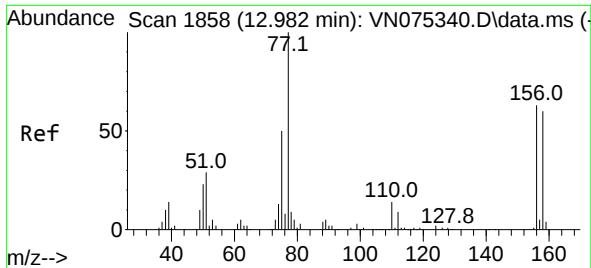
Tgt Ion: 83 Resp: 128250  
Ion Ratio Lower Upper  
83 100  
131 11.2 5.1 15.3  
85 63.5 31.6 94.7



#76  
1,2,3-Trichloropropane  
Concen: 69.636 ug/l  
RT: 12.994 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 75 Resp: 156957  
Ion Ratio Lower Upper  
75 100  
77 124.6 75.6 226.8

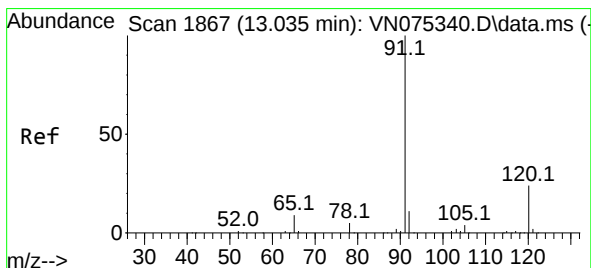
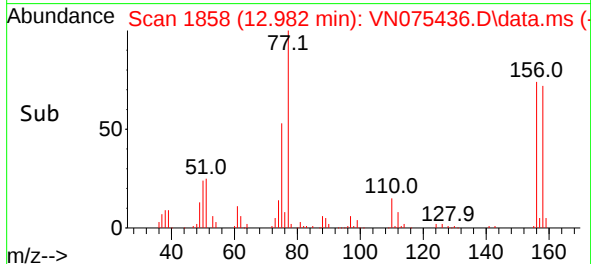
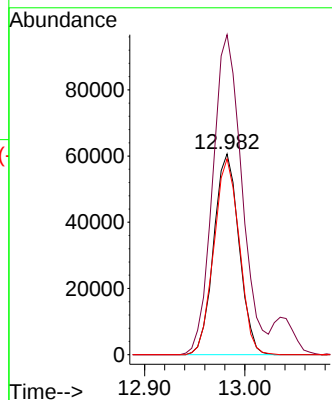
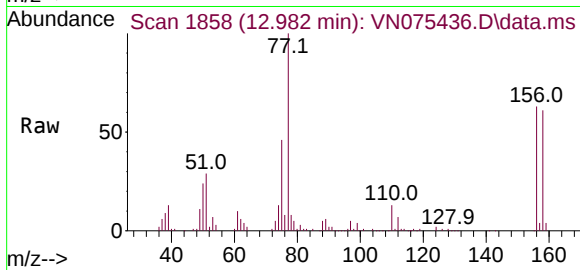




#77  
Bromobenzene  
Concen: 49.394 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

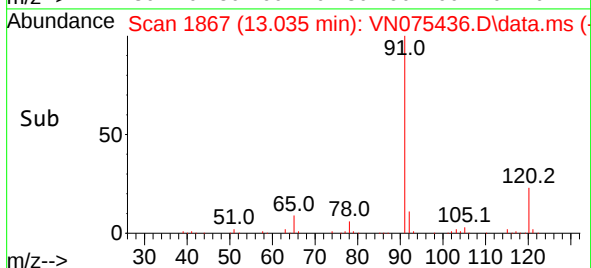
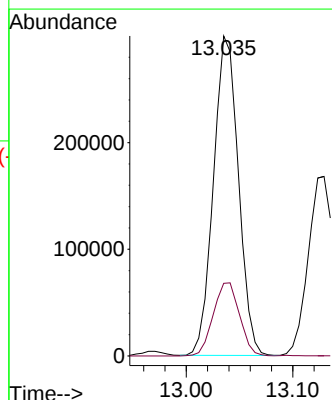
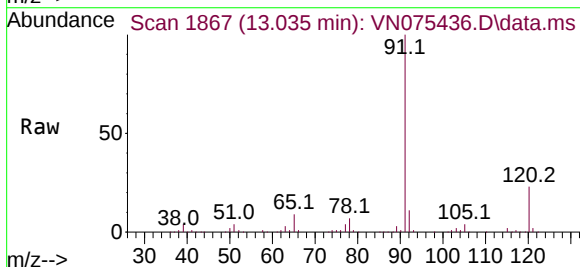
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

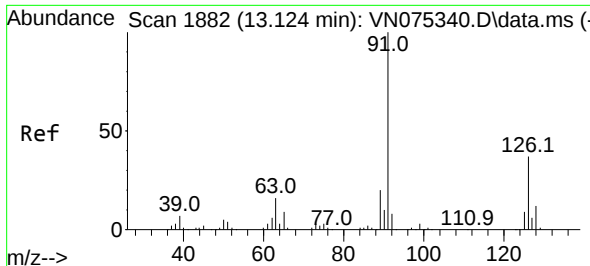
Tgt Ion:156 Resp: 106207  
Ion Ratio Lower Upper  
156 100  
77 184.2 108.5 325.5  
158 98.1 47.7 143.1



#78  
n-propylbenzene  
Concen: 50.125 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 91 Resp: 487207  
Ion Ratio Lower Upper  
91 100  
120 24.1 11.9 35.5

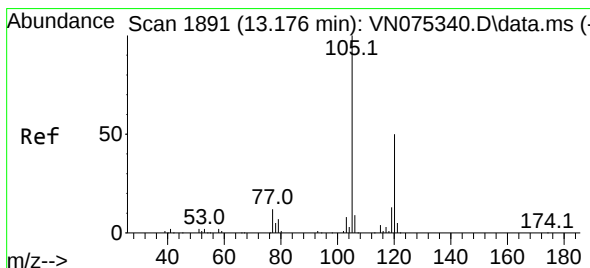
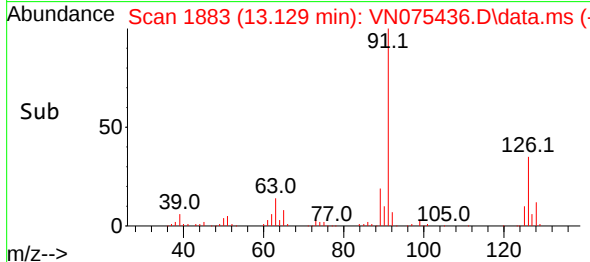
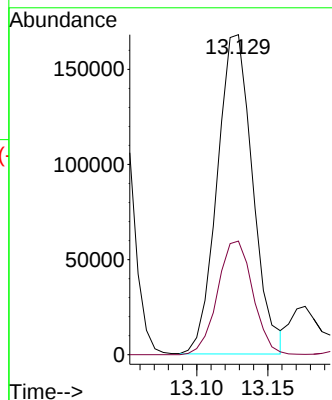
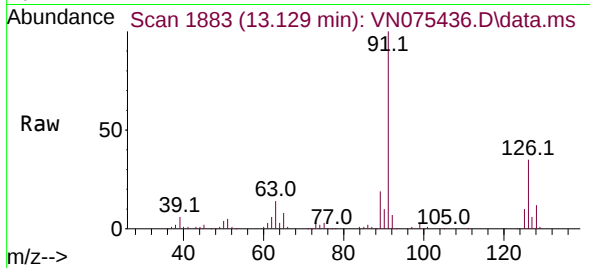




#79  
2-Chlorotoluene  
Concen: 49.912 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.005 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

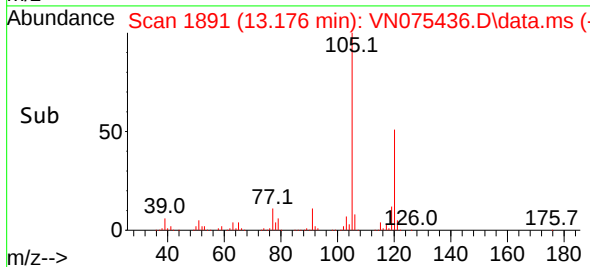
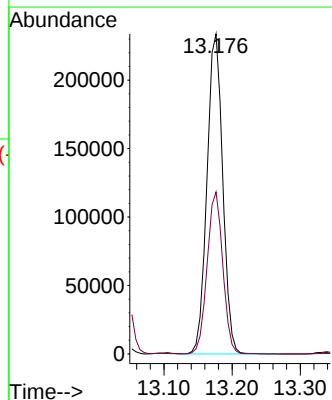
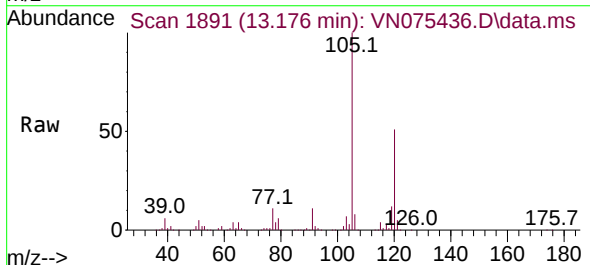
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

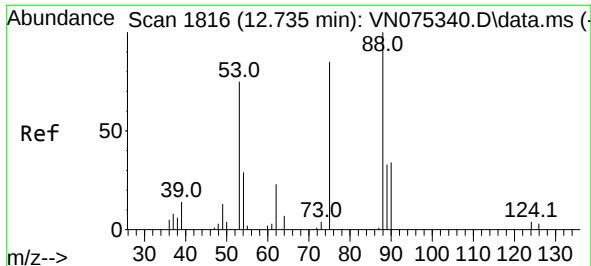
Tgt Ion: 91 Resp: 292306  
Ion Ratio Lower Upper  
91 100  
126 35.4 16.9 50.7



#80  
1,3,5-Trimethylbenzene  
Concen: 51.921 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 105 Resp: 375696  
Ion Ratio Lower Upper  
105 100  
120 50.3 24.7 74.1

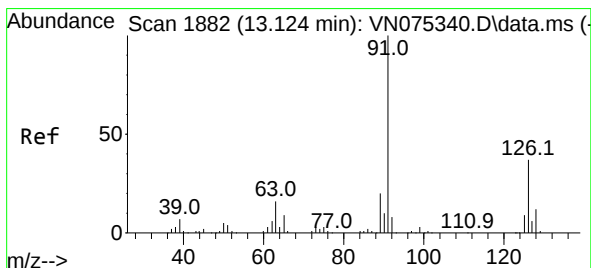
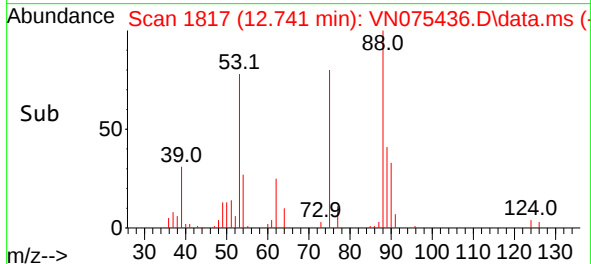
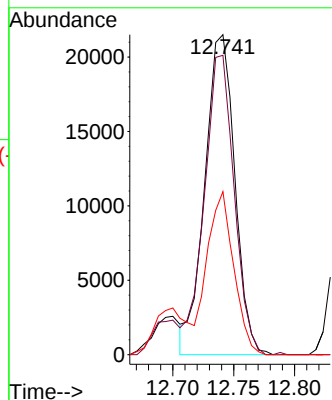
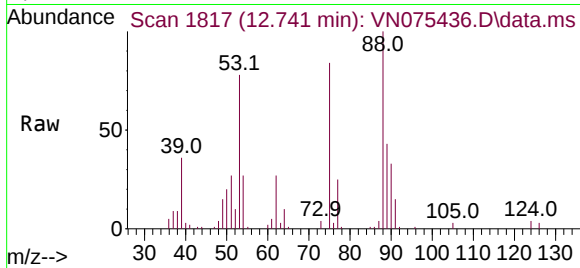




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.511 ug/l  
RT: 12.741 min Scan# 1817  
Delta R.T. 0.006 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

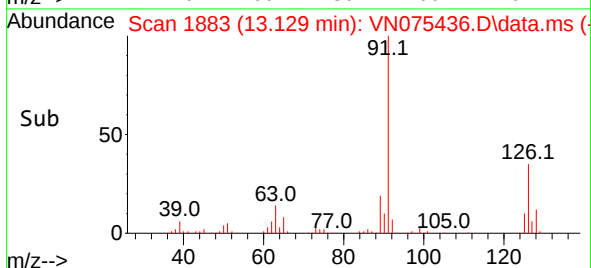
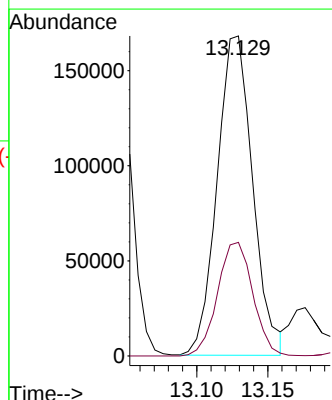
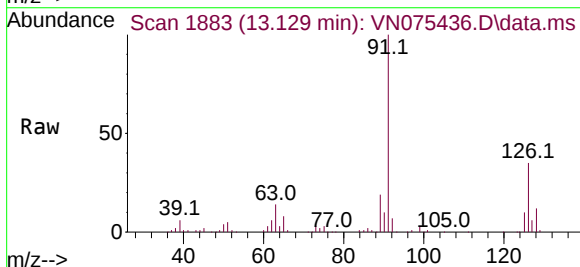
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

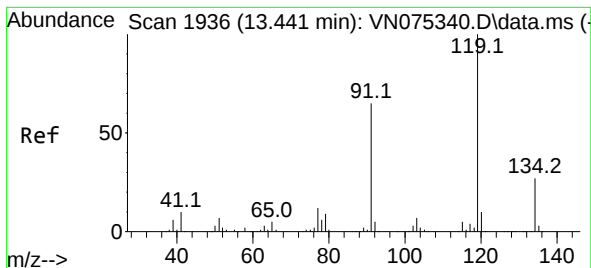
Tgt Ion: 75 Resp: 36955  
Ion Ratio Lower Upper  
75 100  
53 93.1 78.5 117.7  
89 44.8 37.7 56.5



#82  
4-Chlorotoluene  
Concen: 49.912 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.005 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 91 Resp: 292306  
Ion Ratio Lower Upper  
91 100  
126 35.4 16.9 50.7





#83

tert-Butylbenzene

Concen: 50.811 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

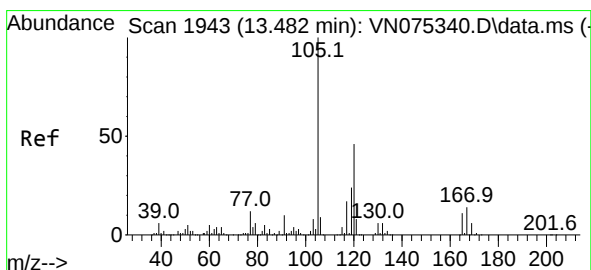
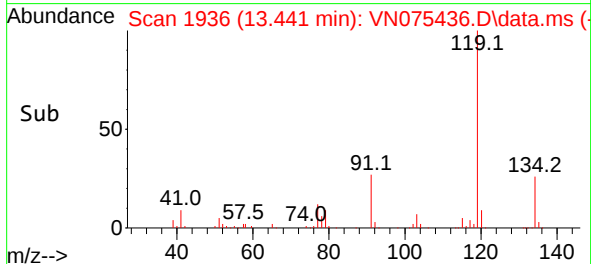
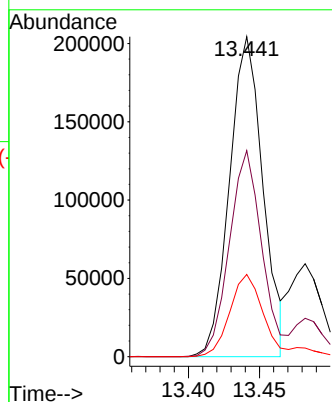
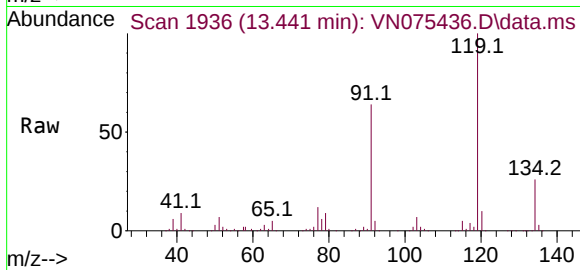
Tgt Ion:119 Resp: 335225

Ion Ratio Lower Upper

119 100

91 63.4 32.8 98.4

134 25.5 12.3 36.9



#84

1,2,4-Trimethylbenzene

Concen: 52.157 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075436.D

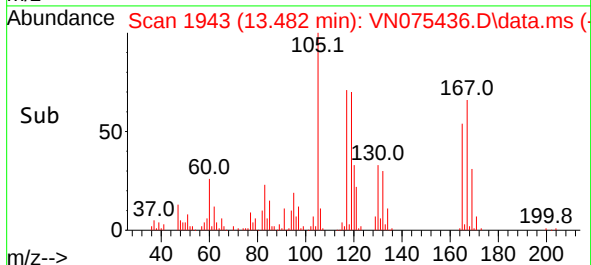
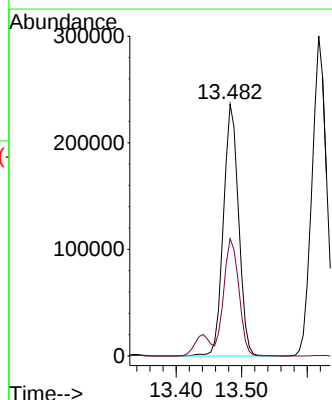
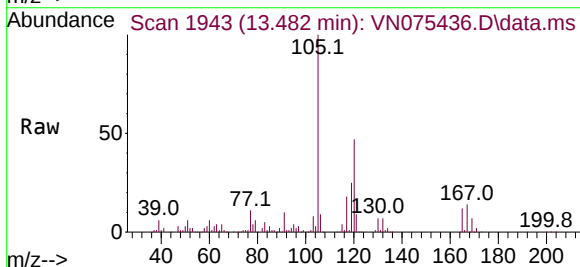
Acq: 25 Nov 2022 21:17

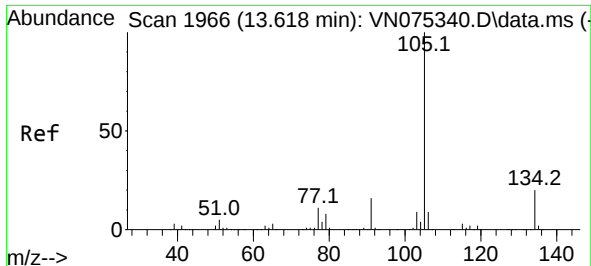
Tgt Ion:105 Resp: 378563

Ion Ratio Lower Upper

105 100

120 46.2 22.7 68.1

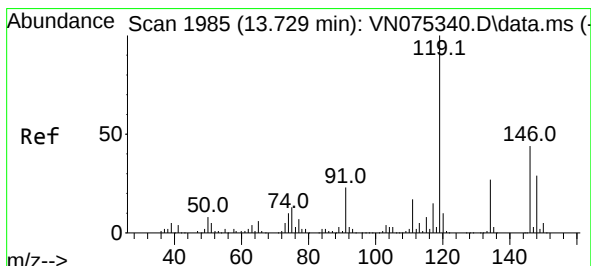
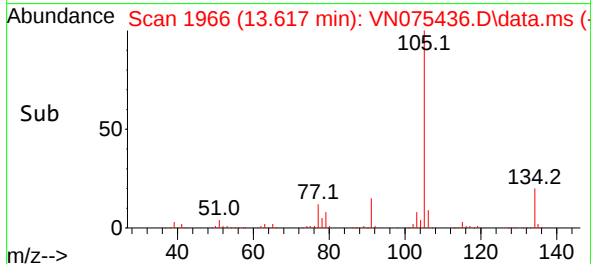
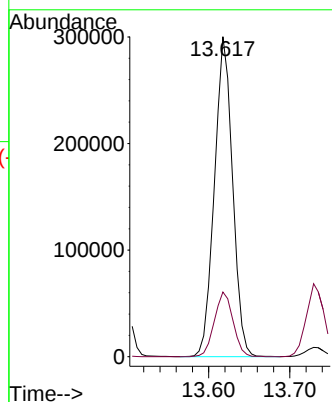
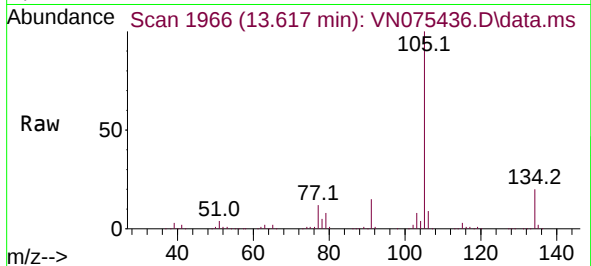




#85  
 sec-Butylbenzene  
 Concen: 52.111 ug/l  
 RT: 13.617 min Scan# 1966  
 Delta R.T. -0.001 min  
 Lab File: VN075436.D  
 Acq: 25 Nov 2022 21:17

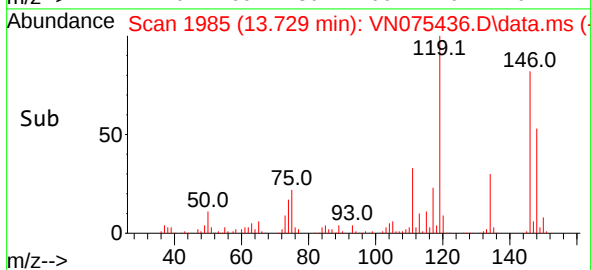
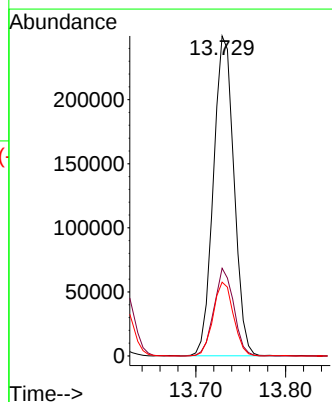
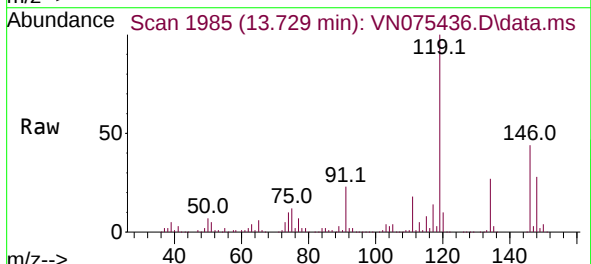
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

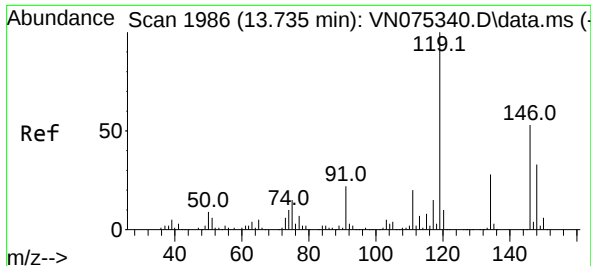
Tgt Ion:105 Resp: 466487  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 52.709 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. 0.000 min  
 Lab File: VN075436.D  
 Acq: 25 Nov 2022 21:17

Tgt Ion:119 Resp: 396983  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.1 39.3  
 91 22.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 49.669 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

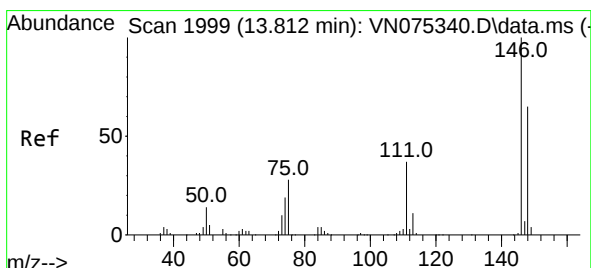
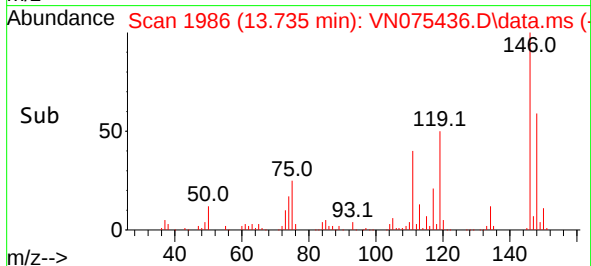
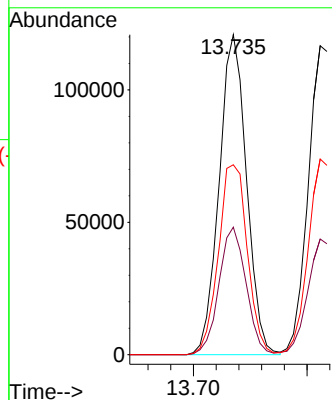
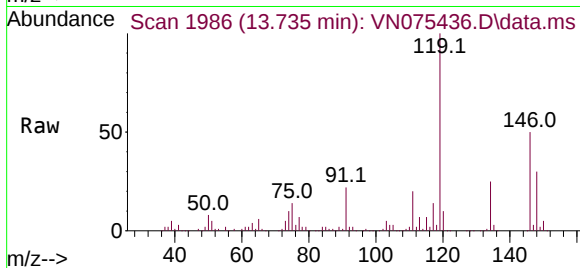
Tgt Ion:146 Resp: 202348

Ion Ratio Lower Upper

146 100

111 39.5 20.8 62.5

148 62.8 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 48.696 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

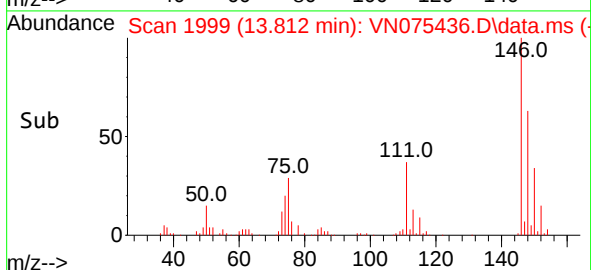
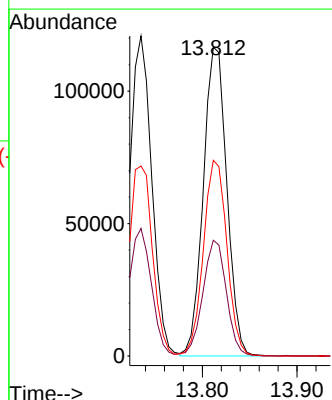
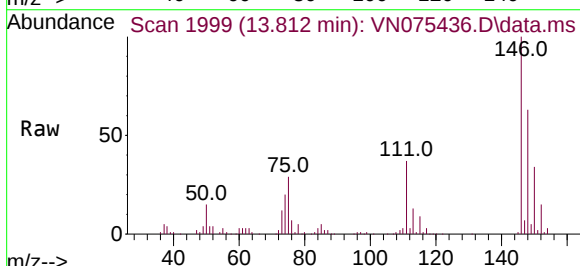
Tgt Ion:146 Resp: 201522

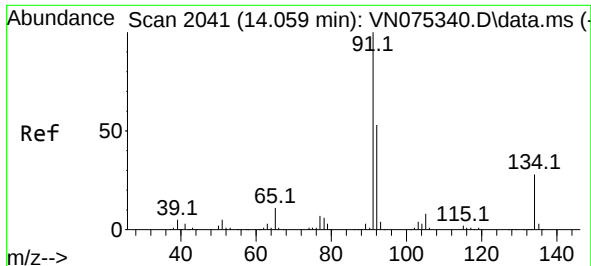
Ion Ratio Lower Upper

146 100

111 37.5 20.1 60.3

148 63.4 31.9 95.7

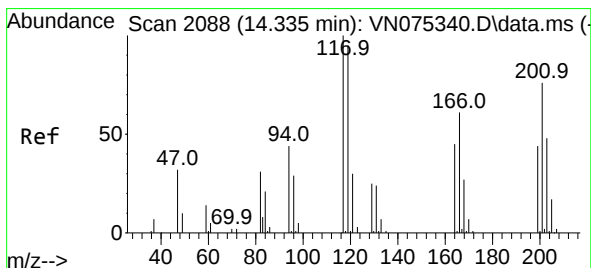
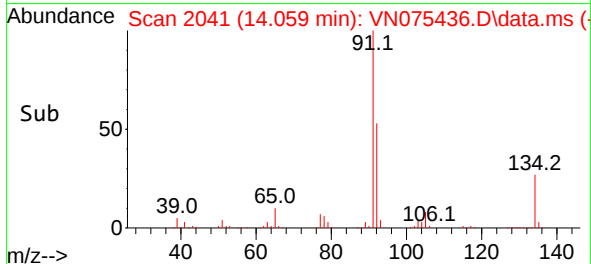
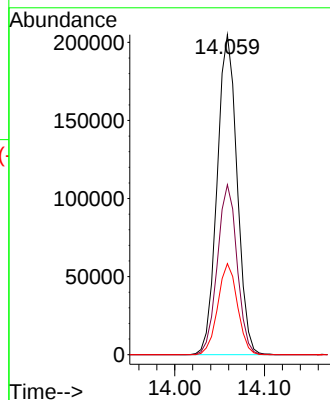
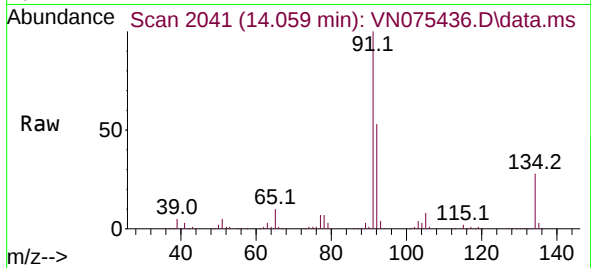




#89  
n-Butylbenzene  
Concen: 49.698 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

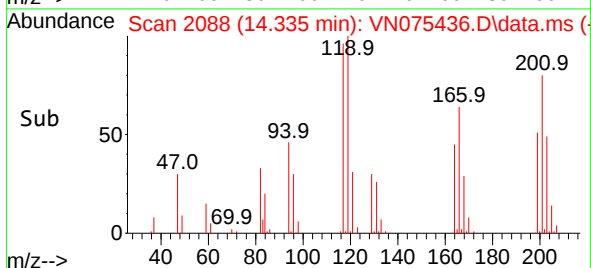
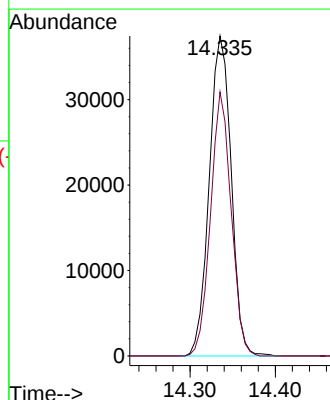
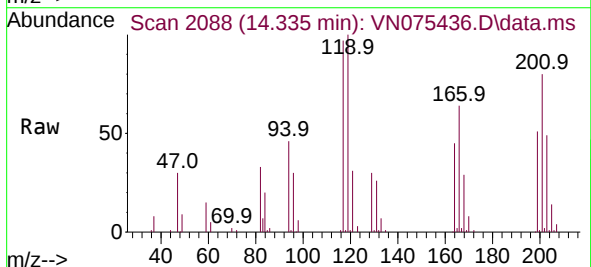
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

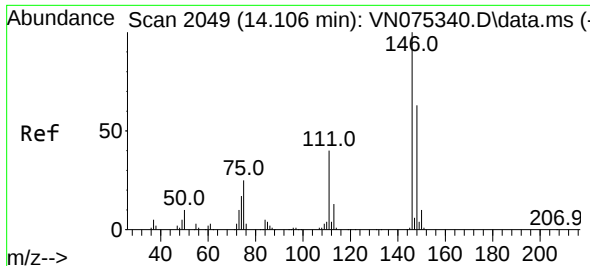
Tgt Ion: 91 Resp: 316141  
Ion Ratio Lower Upper  
91 100  
92 52.5 26.5 79.4  
134 28.1 13.0 39.0



#90  
Hexachloroethane  
Concen: 51.548 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 117 Resp: 66977  
Ion Ratio Lower Upper  
117 100  
201 77.4 31.5 94.5

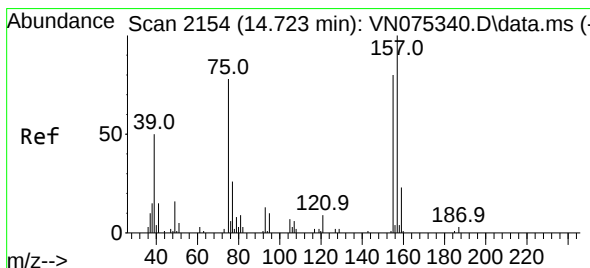
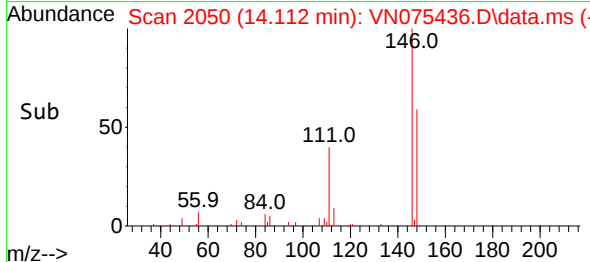
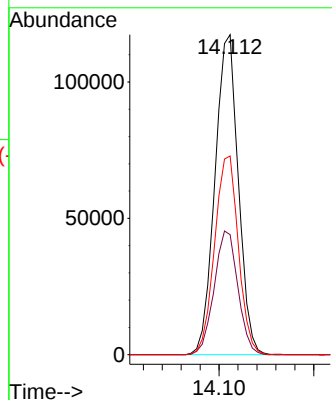
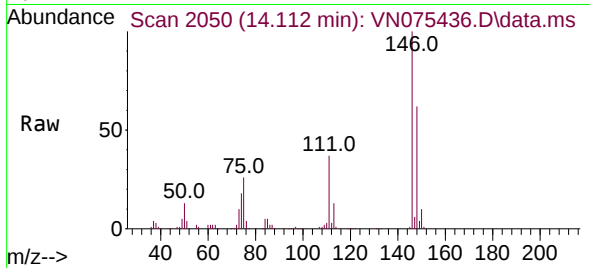




#91  
1,2-Dichlorobenzene  
Concen: 50.635 ug/l  
RT: 14.112 min Scan# 2049  
Delta R.T. 0.006 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

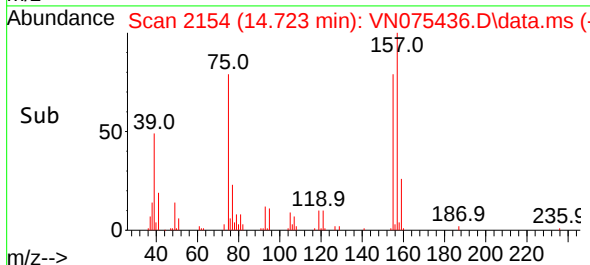
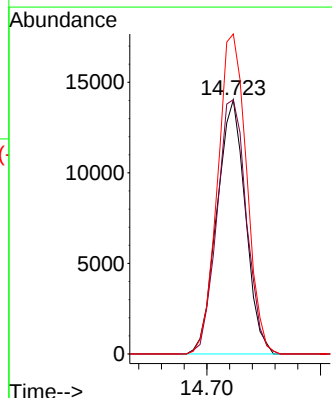
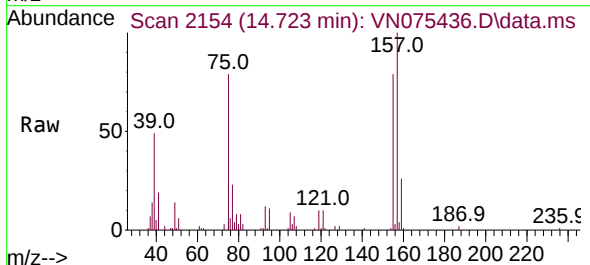
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

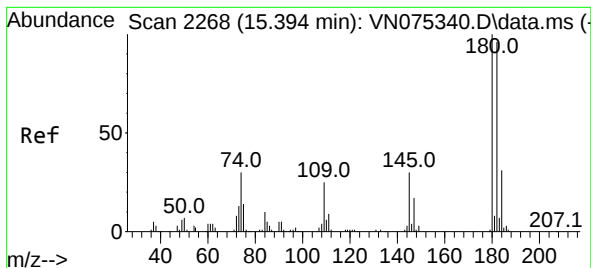
Tgt Ion:146 Resp: 201078  
Ion Ratio Lower Upper  
146 100  
111 39.3 21.3 63.9  
148 63.3 31.4 94.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.675 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion: 75 Resp: 24483  
Ion Ratio Lower Upper  
75 100  
155 103.2 42.1 126.3  
157 127.9 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 51.567 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

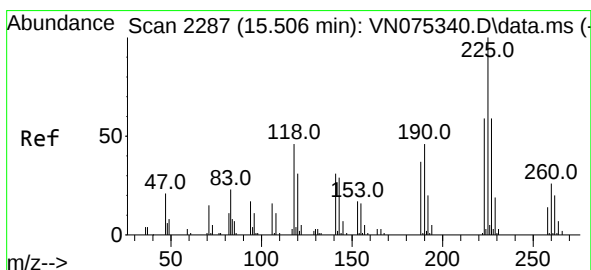
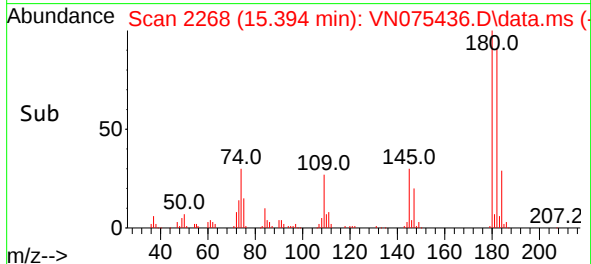
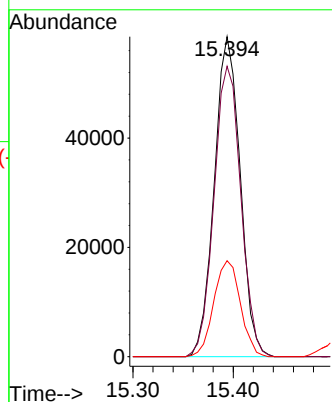
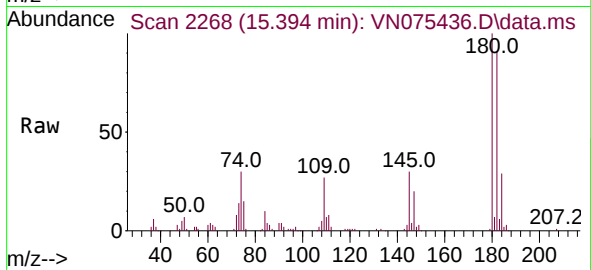
Tgt Ion:180 Resp: 104942

Ion Ratio Lower Upper

180 100

182 94.1 47.8 143.4

145 30.8 16.8 50.3



#94

Hexachlorobutadiene

Concen: 49.767 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075436.D

Acq: 25 Nov 2022 21:17

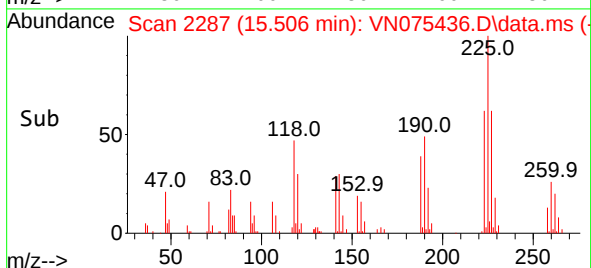
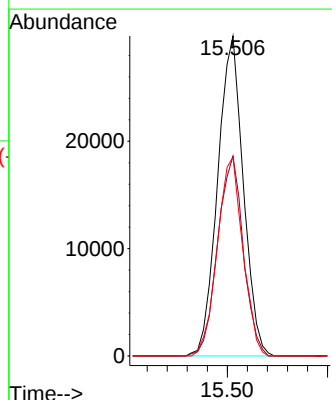
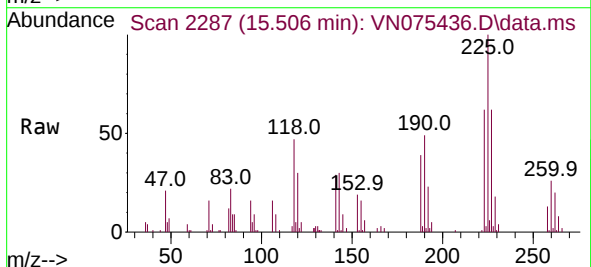
Tgt Ion:225 Resp: 52754

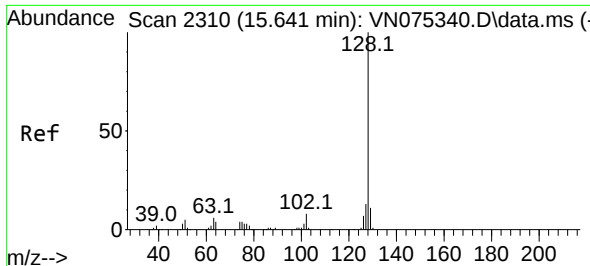
Ion Ratio Lower Upper

225 100

223 62.4 32.3 96.9

227 61.9 32.0 96.2

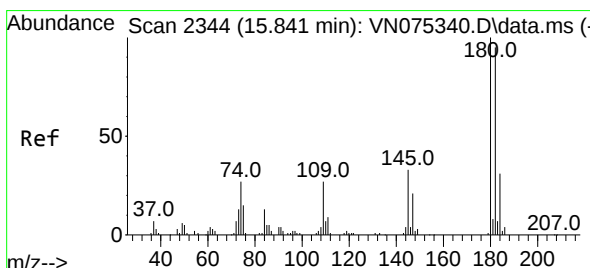
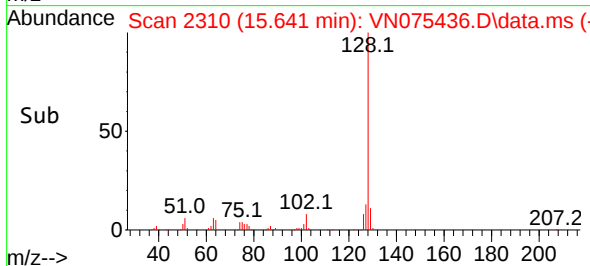
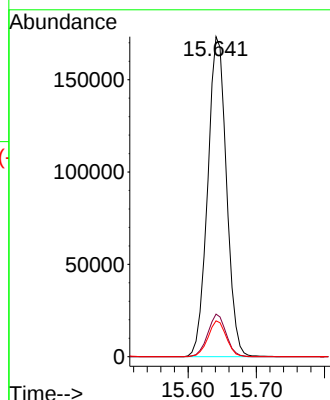
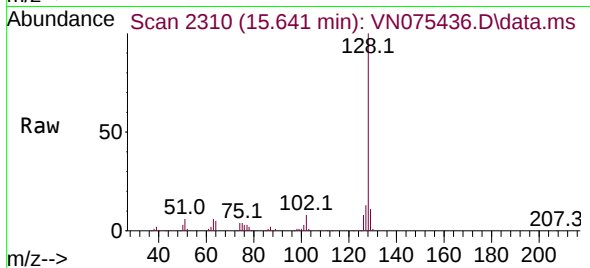




#95  
Naphthalene  
Concen: 51.926 ug/l  
RT: 15.641 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 332438  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.4 15.6  
129 10.9 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 52.095 ug/l  
RT: 15.847 min Scan# 2345  
Delta R.T. 0.006 min  
Lab File: VN075436.D  
Acq: 25 Nov 2022 21:17

Tgt Ion:180 Resp: 104197  
Ion Ratio Lower Upper  
180 100  
182 95.9 47.3 141.8  
145 33.9 17.6 52.9

