

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052622\  
 Data File : VN072632.D  
 Acq On : 26 May 2022 15:32  
 Operator : JC\MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: May 26 15:54:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N052622W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu May 26 15:53:28 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.657  | 128   | 28472    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.963  | 114   | 185230   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.739 | 117   | 149583   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.433  | 65    | 88487    | 29.169   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 97.233%  |
| 60) 4-Bromofluorobenzene     | 12.727 | 95    | 81948    | 28.485   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 94.933%  |
| 63) Toluene-d8               | 10.439 | 98    | 265643   | 32.300   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 107.667% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.063  | 85    | 185701   | 81.096   | ug/l   | 99       |
| 3) Chloromethane             | 2.293  | 50    | 282841   | 129.100  | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.434  | 62    | 237662   | 127.773  | ug/l   | 100      |
| 5) Bromomethane              | 2.816  | 94    | 110428   | 79.113   | ug/l   | 95       |
| 6) Chloroethane              | 2.993  | 64    | 141242   | 115.629  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.357  | 101   | 274369   | 67.868   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.816  | 74    | 116424   | 88.312   | ug/l   | 78       |
| 9) 1,1,2-Trichlorotrifluo... | 4.204  | 101   | 147037   | 74.306   | ug/l   | 75       |
| 10) 1,1-Dichloroethene       | 4.175  | 96    | 149188   | 81.245   | ug/l   | 86       |
| 11) Methyl Iodide            | 4.416  | 142   | 155437   | 61.255   | ug/l   | 97       |
| 12) Methyl Acetate           | 4.840  | 43    | 318707   | 105.219  | ug/l   | 93       |
| 13) Acrolein                 | 4.028  | 56    | 172884   | 390.933  | ug/l   | 98       |
| 14) Acrylonitrile            | 5.545  | 53    | 674911   | 516.435  | ug/l   | 99       |
| 15) Acetone                  | 4.281  | 58    | 166934   | 488.127  | ug/l   | 91       |
| 16) Carbon Disulfide         | 4.528  | 76    | 426393   | 89.512   | ug/l   | 98       |
| 17) Allyl chloride           | 4.834  | 41    | 352571   | 104.035  | ug/l   | 85       |
| 18) Methylene Chloride       | 5.087  | 84    | 189738   | 85.389   | ug/l # | 86       |
| 19) trans-1,2-Dichloroethene | 5.592  | 96    | 159881   | 79.320   | ug/l # | 83       |
| 20) Diisopropyl ether        | 6.492  | 45    | 916950   | 129.050  | ug/l # | 87       |
| 21) 1,1-Dichloroethane       | 6.381  | 63    | 463412   | 112.916  | ug/l   | 100      |
| 22) cis-1,2-Dichloroethene   | 7.316  | 96    | 252766   | 106.067  | ug/l   | 95       |
| 23) tert-Butyl Alcohol       | 5.363  | 59    | 234734   | 439.931  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.610  | 73    | 609025   | 82.881   | ug/l   | 98       |
| 25) Chloroform               | 7.810  | 83    | 424368   | 97.853   | ug/l   | 98       |
| 26) Cyclohexane              | 8.092  | 56    | 388056   | 114.224  | ug/l # | 90       |
| 29) 1,1-Dichloropropene      | 8.216  | 75    | 356826   | 95.590   | ug/l   | 97       |
| 30) 2-Butanone               | 7.328  | 43    | 1184903  | 528.717  | ug/l   | 93       |
| 31) 2,2-Dichloropropane      | 7.316  | 77    | 349708   | 77.630   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 8.010  | 97    | 347448   | 68.284   | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 8.204  | 117   | 347982   | 77.845   | ug/l   | 99       |
| 34) Benzene                  | 8.457  | 78    | 1101258  | 101.959  | ug/l   | 95       |
| 35) Methacrylonitrile        | 7.628  | 41    | 238322   | 103.237  | ug/l   | 91       |
| 36) 1,2-Dichloroethane       | 8.522  | 62    | 354339   | 75.824   | ug/l   | 95       |
| 37) Trichloroethene          | 9.210  | 130   | 261581   | 91.963   | ug/l   | 95       |
| 38) Methylcyclohexane        | 9.457  | 83    | 440707   | 101.564  | ug/l   | 94       |
| 39) 1,2-Dichloropropane      | 9.486  | 63    | 292347   | 106.537  | ug/l   | 98       |
| 40) Dibromomethane           | 9.569  | 93    | 183834   | 90.500   | ug/l   | 94       |
| 41) Bromodichloromethane     | 9.757  | 83    | 375919   | 87.806   | ug/l   | 98       |
| 42) Vinyl Acetate            | 6.428  | 43    | 4109394  | 551.550  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052622\  
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 Operator : JC\MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

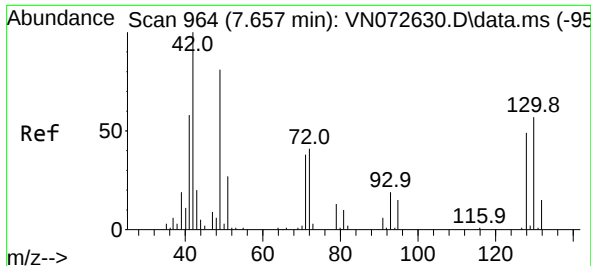
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: May 26 15:54:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N052622W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu May 26 15:53:28 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 43) Ethyl Acetate             | 7.404  | 43   | 472692   | 108.759  | ug/l   | 98       |
| 44) Isopropyl Acetate         | 8.557  | 43   | 730863   | 106.320  | ug/l   | 98       |
| 45) 1,4-Dioxane               | 9.563  | 88   | 118614   | 1864.201 | ug/l   | 92       |
| 46) Methyl methacrylate       | 9.557  | 41   | 333262   | 102.291  | ug/l   | 83       |
| 47) n-amyl Acetate            | 12.380 | 43   | 520148   | 110.244  | ug/l   | 96       |
| 48) t-1,3-Dichloropropene     | 10.710 | 75   | 391841   | 86.344   | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 10.186 | 75   | 464030   | 99.556   | ug/l # | 90       |
| 50) 1,1,2-Trichloroethane     | 10.898 | 97   | 234924   | 81.965   | ug/l   | 95       |
| 51) Ethyl methacrylate        | 10.757 | 69   | 439686   | 96.921   | ug/l   | 87       |
| 52) 1,3-Dichloropropane       | 11.039 | 76   | 426083   | 85.914   | ug/l   | 100      |
| 53) Dibromochloromethane      | 11.233 | 129  | 239776   | 72.058   | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 11.339 | 107  | 241461   | 79.520   | ug/l   | 96       |
| 55) 2-Chloroethyl vinyl ether | 10.039 | 63   | 1090616  | 830.519  | ug/l   | 97       |
| 56) Bromoform                 | 12.451 | 173  | 201949   | 79.896   | ug/l # | 99       |
| 58) 4-Methyl-2-Pentanone      | 10.327 | 43   | 2445359  | 657.839  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.080 | 43   | 1695301  | 624.941  | ug/l   | 99       |
| 61) Tetrachloroethene         | 10.974 | 164  | 182797   | 82.543   | ug/l   | 93       |
| 62) Toluene                   | 10.498 | 91   | 1073538  | 103.555  | ug/l   | 98       |
| 64) Chlorobenzene             | 11.763 | 112  | 574589   | 90.122   | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.833 | 131  | 261196   | 101.149  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.839 | 91   | 1293491  | 112.553  | ug/l   | 99       |
| 67) m/p-Xylenes               | 11.945 | 106  | 824728   | 189.326  | ug/l   | 99       |
| 68) o-Xylene                  | 12.274 | 106  | 443607   | 102.831  | ug/l   | 99       |
| 69) Styrene                   | 12.286 | 104  | 713279   | 104.160  | ug/l   | 98       |
| 70) Isopropylbenzene          | 12.574 | 105  | 1127652  | 99.241   | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 385221   | 108.804  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.874 | 75   | 472194   | 145.045  | ug/l   | 51       |
| 73) Bromobenzene              | 12.857 | 156  | 225338   | 83.545   | ug/l   | 83       |
| 74) n-propylbenzene           | 12.916 | 91   | 1296480  | 103.485  | ug/l   | 98       |
| 75) 2-Chlorotoluene           | 13.004 | 91   | 806011   | 101.650  | ug/l   | 96       |
| 76) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 899118   | 94.177   | ug/l   | 97       |
| 77) t-1,4-Dichloro-2-butene   | 12.621 | 75   | 134646   | 119.497  | ug/l   | 94       |
| 78) 4-Chlorotoluene           | 13.098 | 91   | 691938   | 92.793   | ug/l   | 95       |
| 79) tert-butylbenzene         | 13.321 | 119  | 750631   | 88.987   | ug/l   | 97       |
| 80) 1,2,4-Trimethylbenzene    | 13.498 | 105  | 1255709  | 135.986  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.498 | 105  | 1255709  | 111.390  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.610 | 119  | 992459   | 107.684  | ug/l   | 97       |
| 83) 1,3-Dichlorobenzene       | 13.610 | 146  | 476909   | 103.939  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 13.686 | 146  | 466488   | 104.414  | ug/l   | 98       |
| 85) n-Butylbenzene            | 13.939 | 91   | 853901   | 122.191  | ug/l   | 97       |
| 86) Hexachloroethane          | 14.204 | 117  | 194802   | 112.171  | ug/l   | 91       |
| 87) 1,2-Dichlorobenzene       | 13.980 | 146  | 459906   | 102.199  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 83763    | 105.109  | ug/l   | 91       |
| 89) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 253402   | 120.856  | ug/l   | 96       |
| 90) Hexachlorobutadiene       | 15.362 | 225  | 114789   | 93.419   | ug/l   | 99       |
| 91) Naphthalene               | 15.498 | 128  | 918856   | 141.168  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.692 | 180  | 251784   | 118.234  | ug/l   | 98       |

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

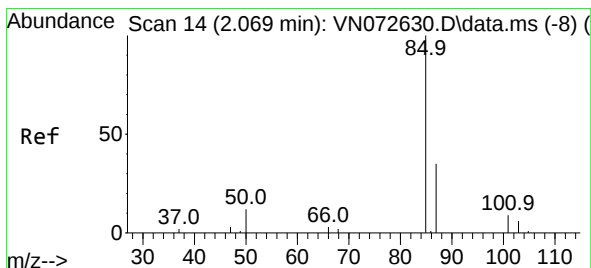
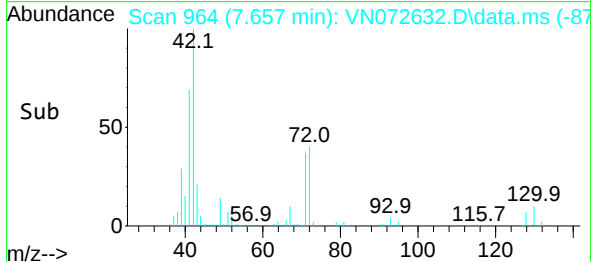
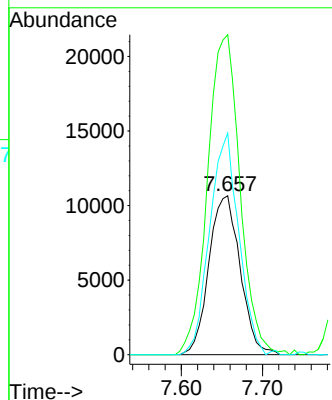
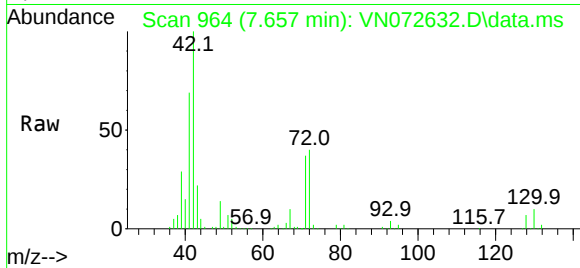




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.657 min Scan# 9  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

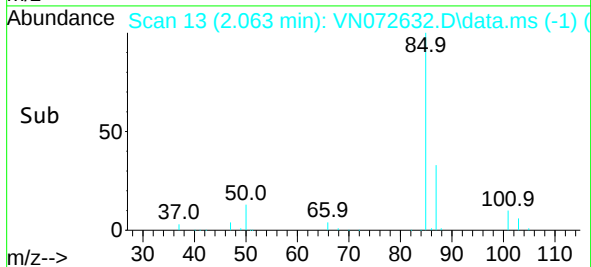
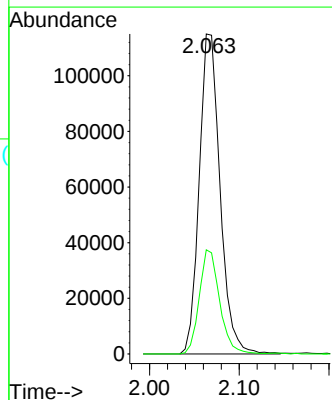
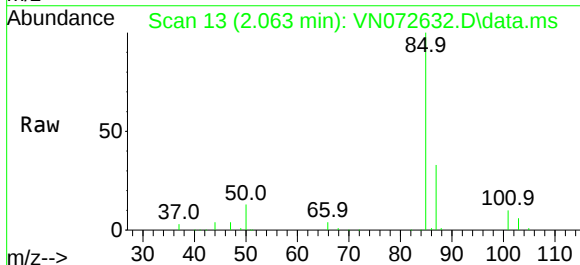
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

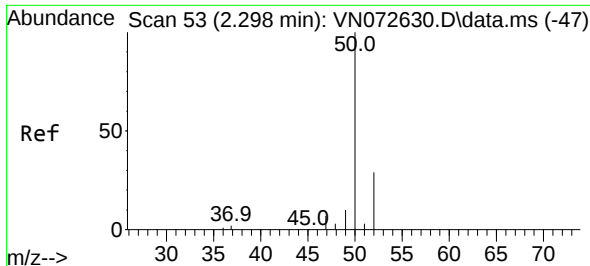
Tgt Ion:128 Resp: 28472  
Ion Ratio Lower Upper  
128 100  
49 208.6 0.0 392.3  
130 129.7 0.0 320.2



#2  
Dichlorodifluoromethane  
Concen: 81.096 ug/l  
RT: 2.063 min Scan# 13  
Delta R.T. -0.006 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 85 Resp: 185701  
Ion Ratio Lower Upper  
85 100  
87 32.6 16.6 49.7

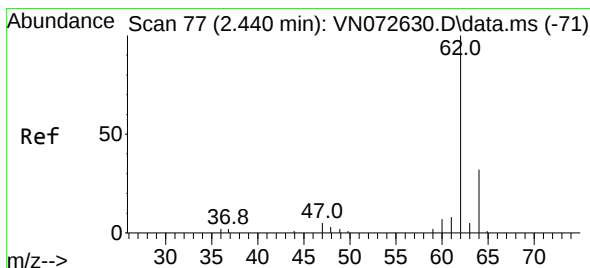
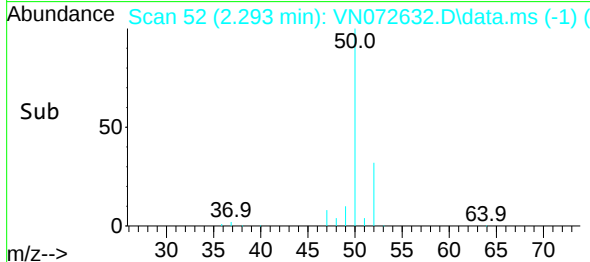
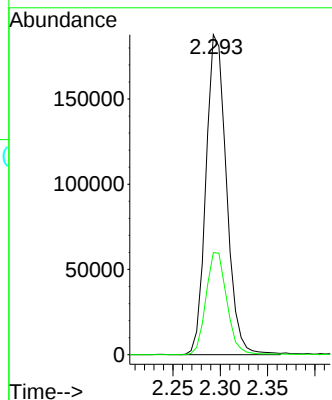
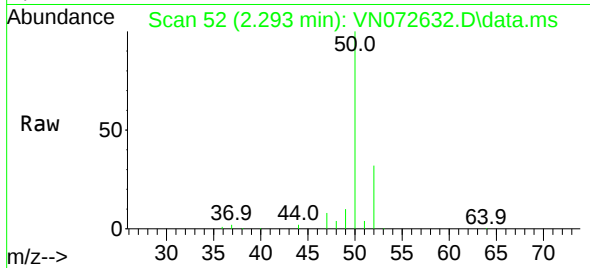




#3  
Chloromethane  
Concen: 129.100 ug/l  
RT: 2.293 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

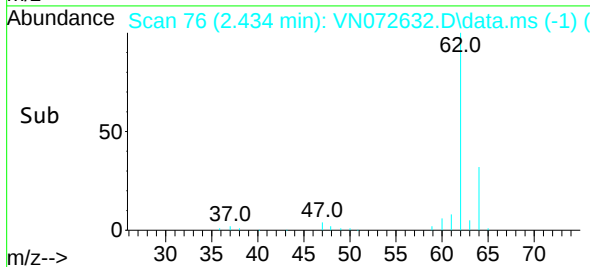
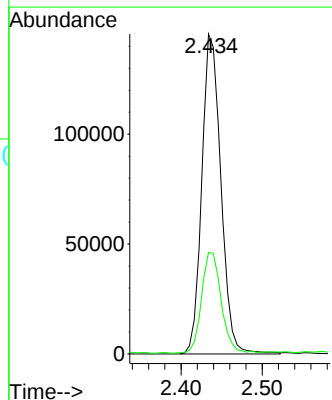
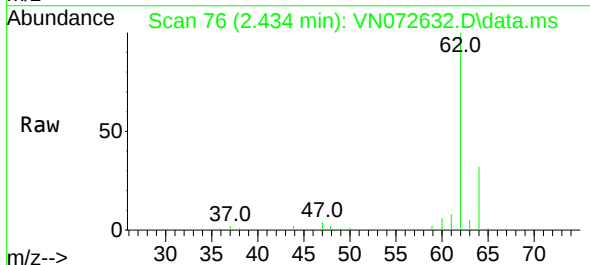
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

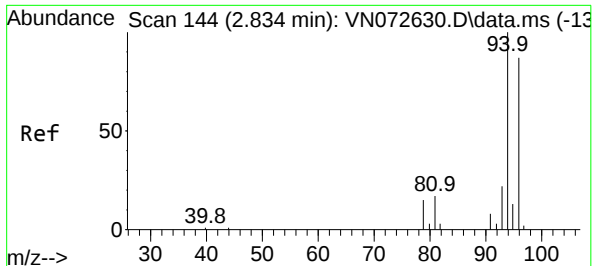
Tgt Ion: 50 Resp: 282841  
Ion Ratio Lower Upper  
50 100  
52 31.9 27.8 41.6



#4  
Vinyl Chloride  
Concen: 127.773 ug/l  
RT: 2.434 min Scan# 76  
Delta R.T. -0.006 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 62 Resp: 237662  
Ion Ratio Lower Upper  
62 100  
64 31.3 25.1 37.7

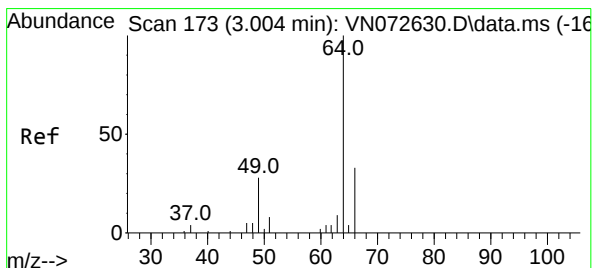
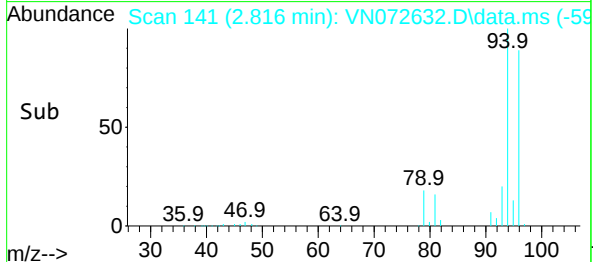
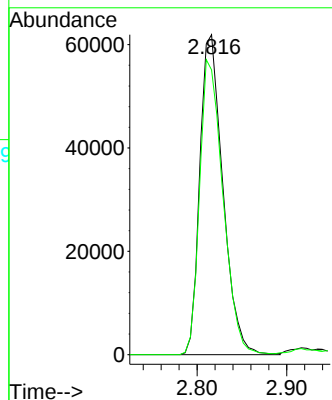
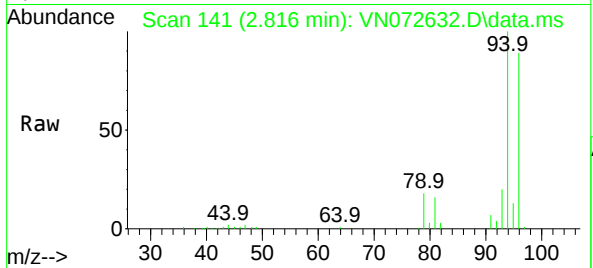




#5  
Bromomethane  
Concen: 79.113 ug/l  
RT: 2.816 min Scan# 14  
Delta R.T. -0.018 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

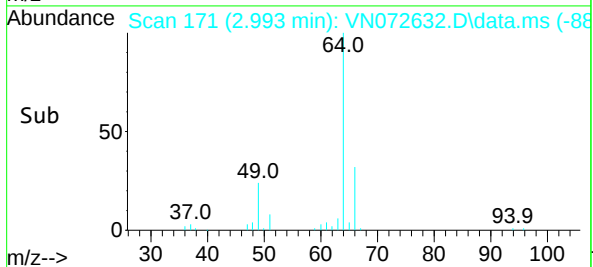
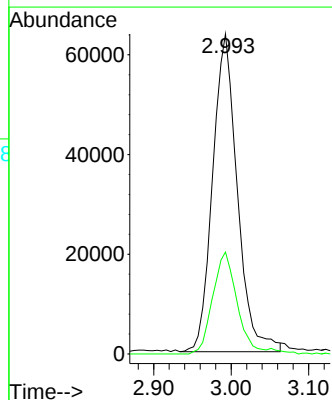
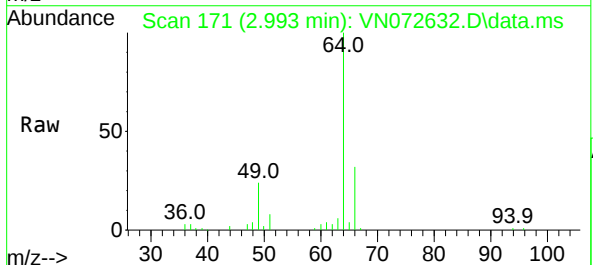
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

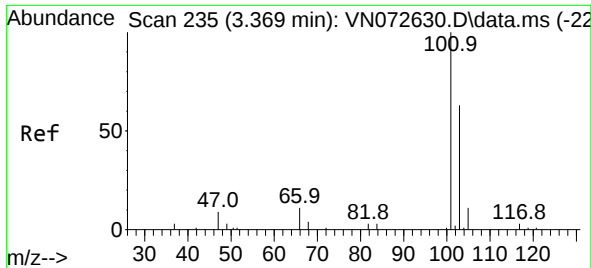
Tgt Ion: 94 Resp: 110428  
Ion Ratio Lower Upper  
94 100  
96 89.0 75.2 112.8



#6  
Chloroethane  
Concen: 115.629 ug/l  
RT: 2.993 min Scan# 171  
Delta R.T. -0.012 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 64 Resp: 141242  
Ion Ratio Lower Upper  
64 100  
66 32.1 24.6 36.8

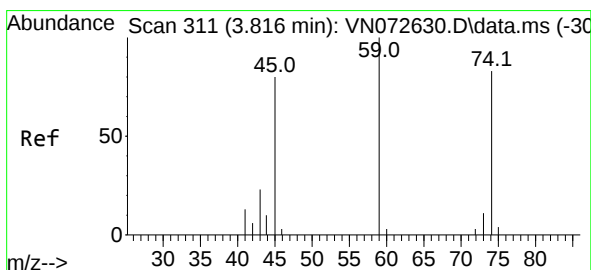
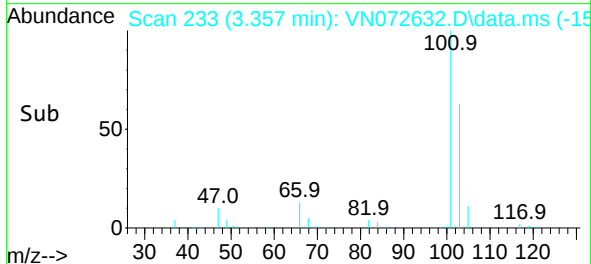
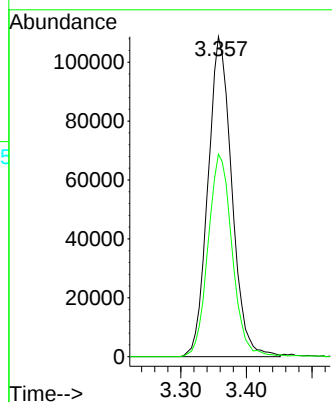
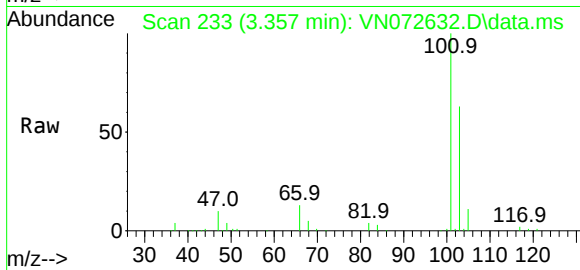




#7  
Trichlorofluoromethane  
Concen: 67.868 ug/l  
RT: 3.357 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

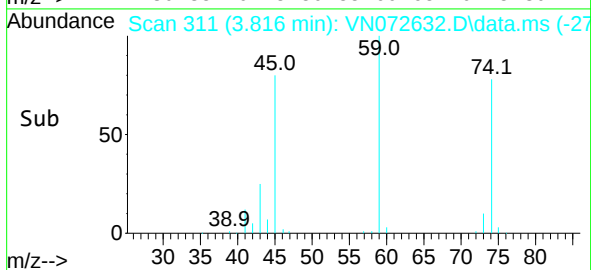
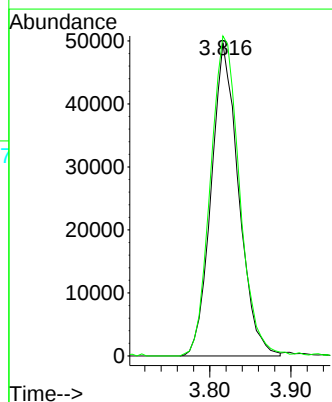
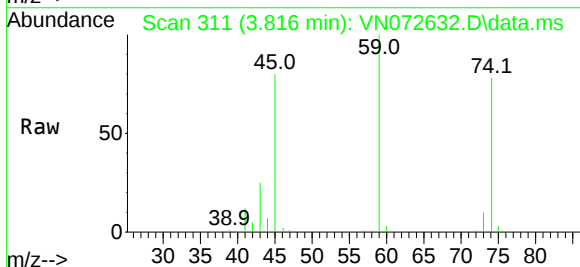
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

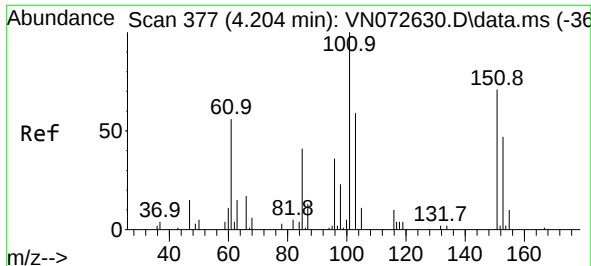
Tgt Ion:101 Resp: 274369  
Ion Ratio Lower Upper  
101 100  
103 63.3 50.1 75.1



#8  
Diethyl Ether  
Concen: 88.312 ug/l  
RT: 3.816 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 74 Resp: 116424  
Ion Ratio Lower Upper  
74 100  
45 108.8 17.6 158.8

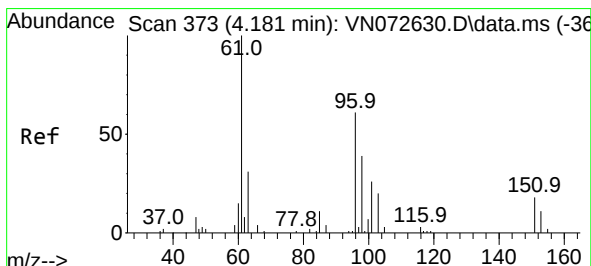
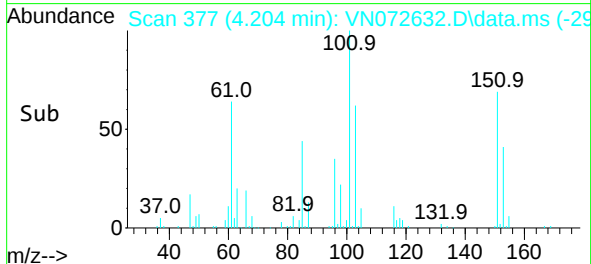
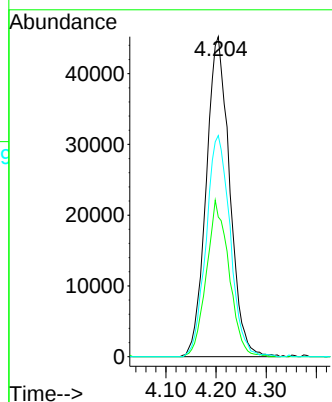
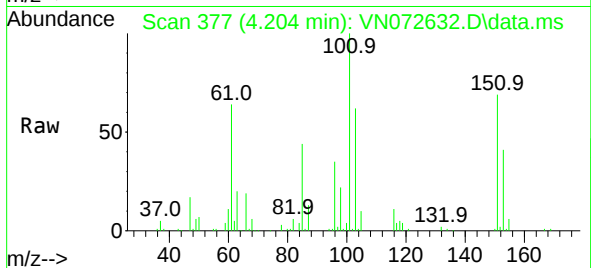




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 74.306 ug/l  
 RT: 4.204 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VN072632.D  
 Acq: 26 May 2022 15:32

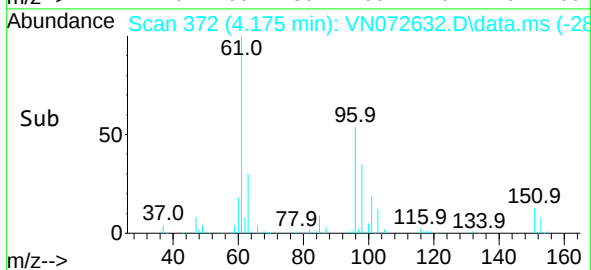
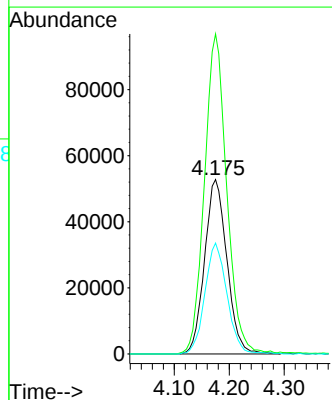
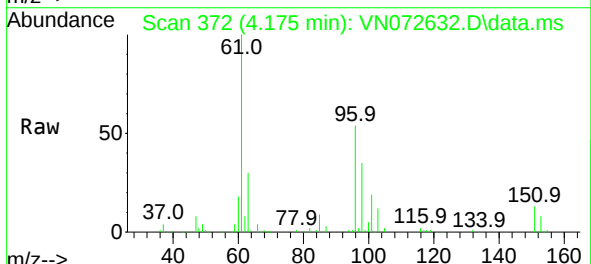
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

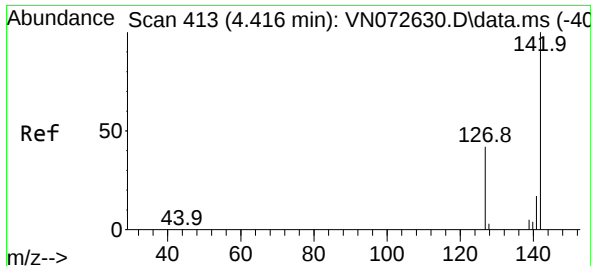
Tgt Ion:101 Resp: 147037  
 Ion Ratio Lower Upper  
 101 100  
 85 47.1 0.0 94.0  
 151 70.5 0.0 74.6



#10  
 1,1-Dichloroethene  
 Concen: 81.245 ug/l  
 RT: 4.175 min Scan# 372  
 Delta R.T. -0.006 min  
 Lab File: VN072632.D  
 Acq: 26 May 2022 15:32

Tgt Ion: 96 Resp: 149188  
 Ion Ratio Lower Upper  
 96 100  
 61 182.9 126.2 189.4  
 98 63.6 50.9 76.3

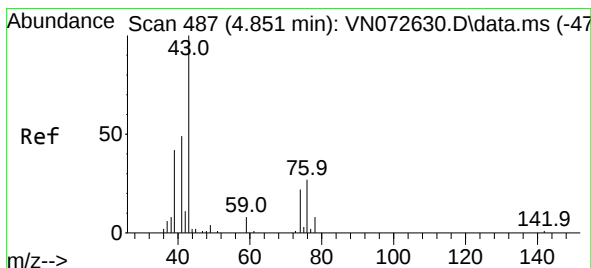
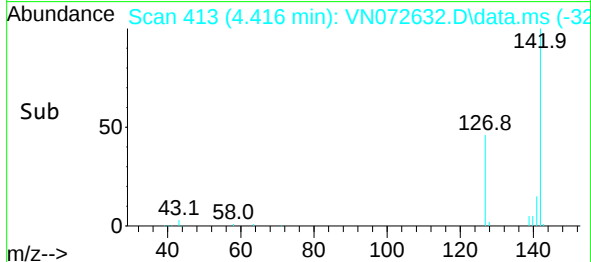
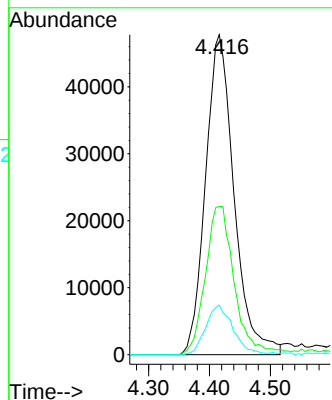
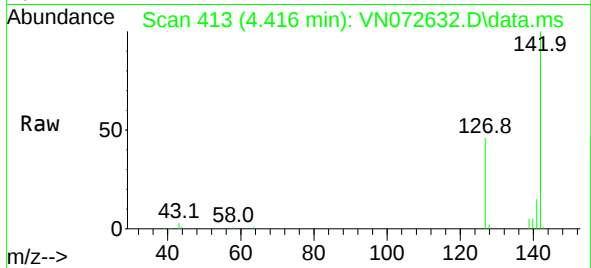




#11  
Methyl Iodide  
Concen: 61.255 ug/l  
RT: 4.416 min Scan# 413  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

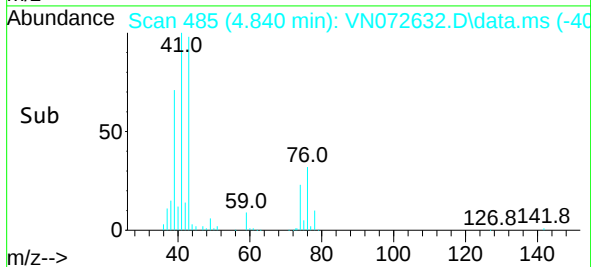
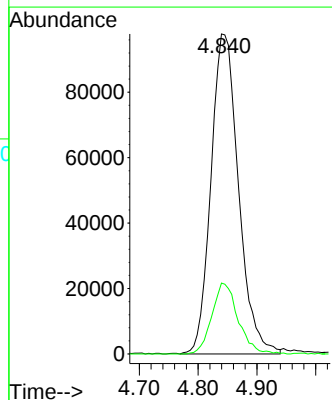
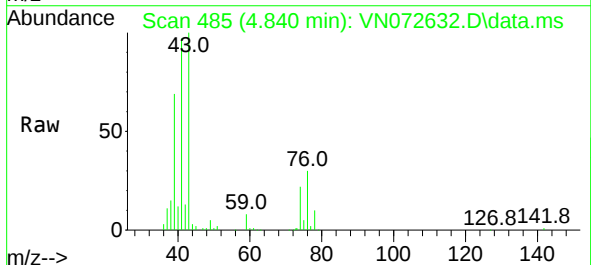
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

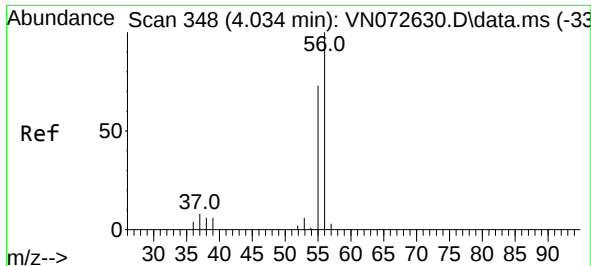
Tgt Ion:142 Resp: 155437  
Ion Ratio Lower Upper  
142 100  
127 46.2 24.0 72.0  
141 15.6 8.4 25.2



#12  
Methyl Acetate  
Concen: 105.219 ug/l  
RT: 4.840 min Scan# 485  
Delta R.T. -0.012 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 43 Resp: 318707  
Ion Ratio Lower Upper  
43 100  
74 22.2 20.8 31.2





#13

Acrolein

Concen: 390.933 ug/l

RT: 4.028 min Scan# 34

Delta R.T. -0.006 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

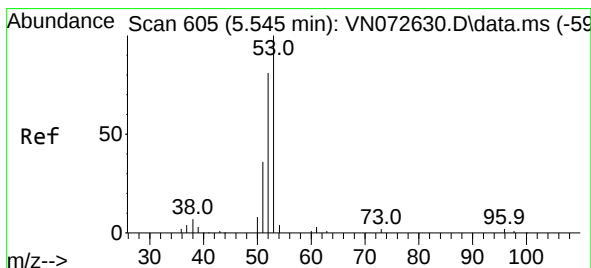
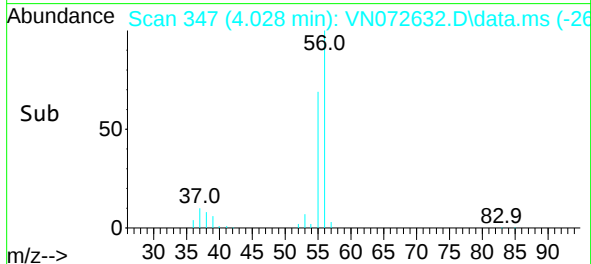
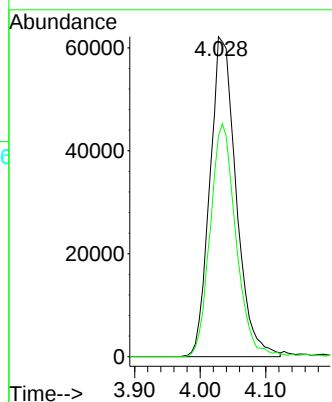
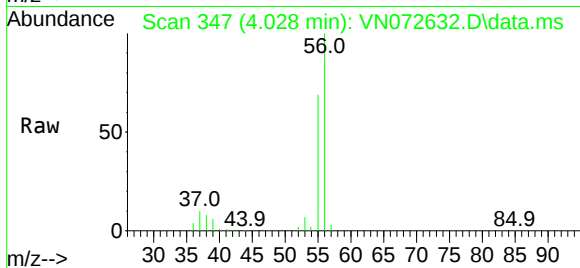
VSTDIC100

Tgt Ion: 56 Resp: 172884

Ion Ratio Lower Upper

56 100

55 70.2 57.6 86.4



#14

Acrylonitrile

Concen: 516.435 ug/l

RT: 5.545 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

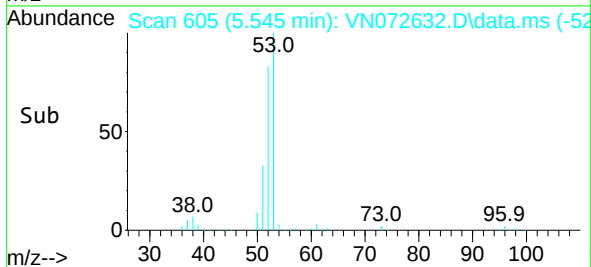
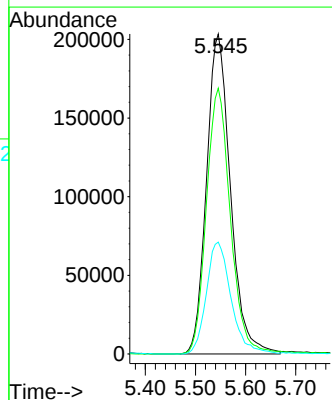
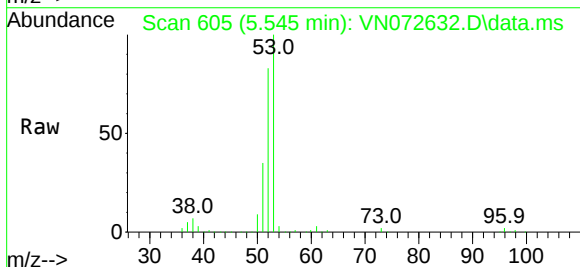
Tgt Ion: 53 Resp: 674911

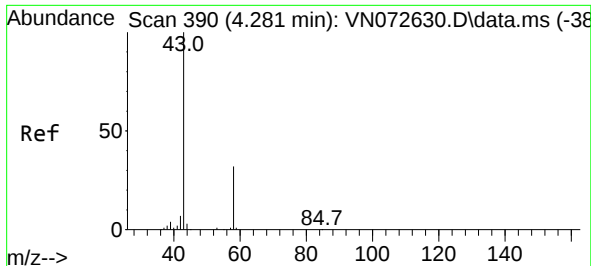
Ion Ratio Lower Upper

53 100

52 83.0 41.8 125.4

51 36.1 19.0 57.0





#15

Acetone

Concen: 488.127 ug/l

RT: 4.281 min Scan# 390

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

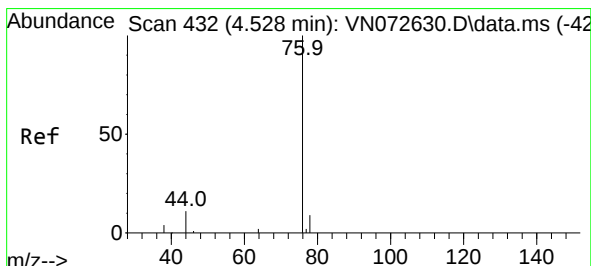
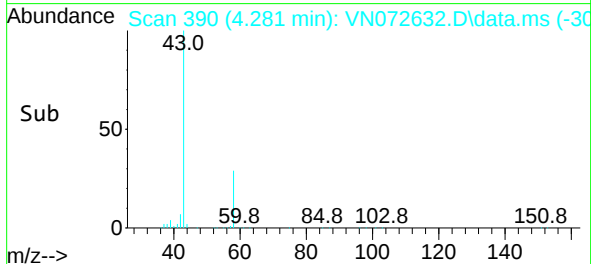
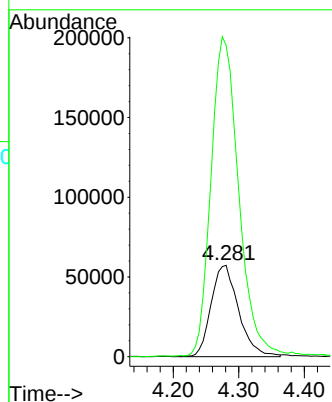
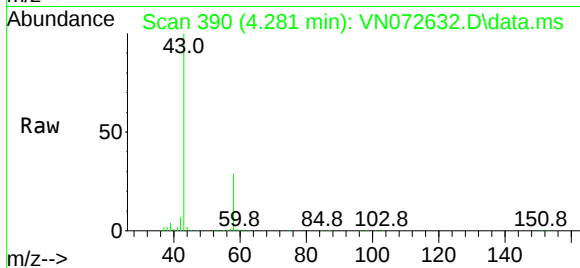
VSTDIC100

Tgt Ion: 58 Resp: 166934

Ion Ratio Lower Upper

58 100

43 339.4 256.6 384.8



#16

Carbon Disulfide

Concen: 89.512 ug/l

RT: 4.528 min Scan# 432

Delta R.T. 0.000 min

Lab File: VN072632.D

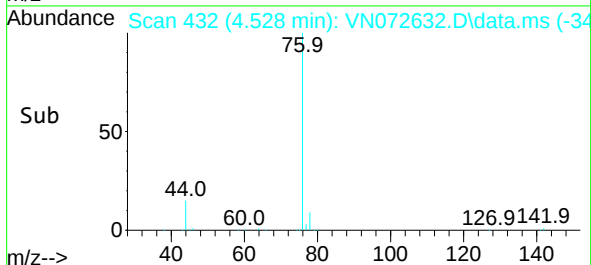
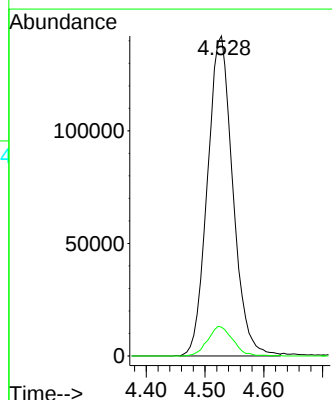
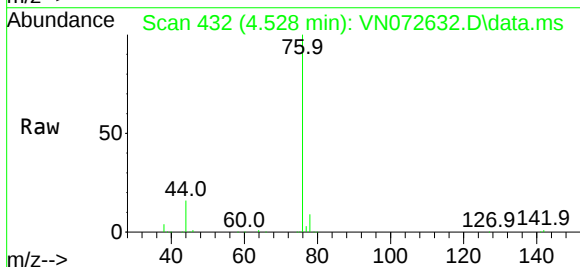
Acq: 26 May 2022 15:32

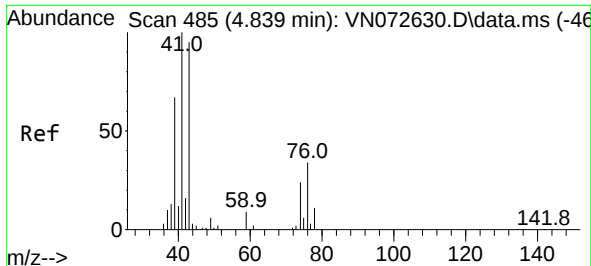
Tgt Ion: 76 Resp: 426393

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.8





#17

Allyl chloride

Concen: 104.035 ug/l

RT: 4.834 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

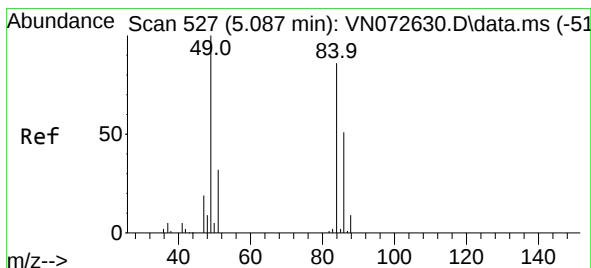
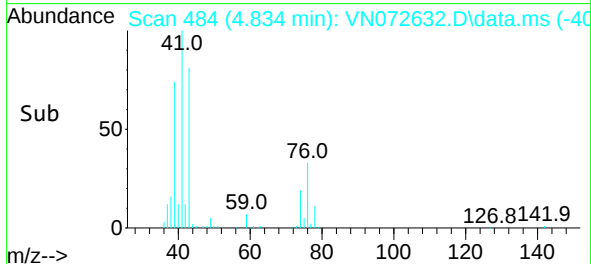
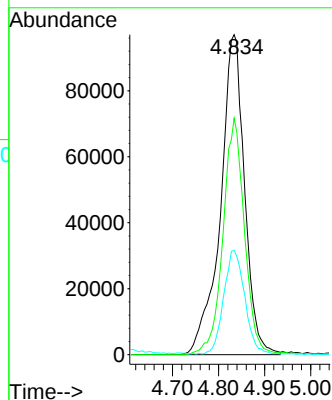
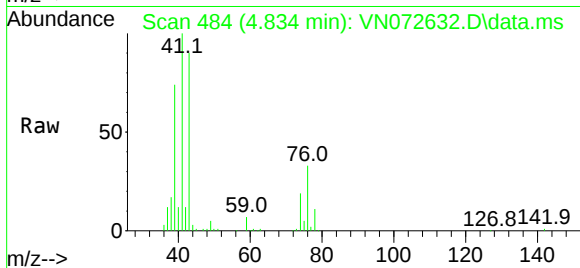
Tgt Ion: 41 Resp: 352571

Ion Ratio Lower Upper

41 100

39 73.9 44.6 134.0

76 32.5 19.6 58.7



#18

Methylene Chloride

Concen: 85.389 ug/l

RT: 5.087 min Scan# 527

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Tgt Ion: 84 Resp: 189738

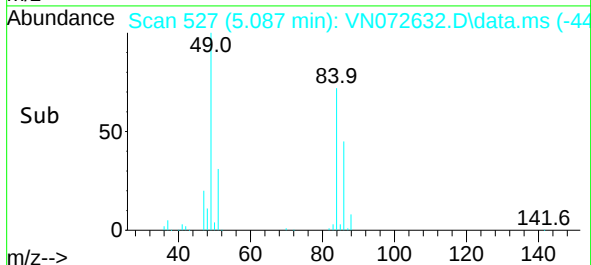
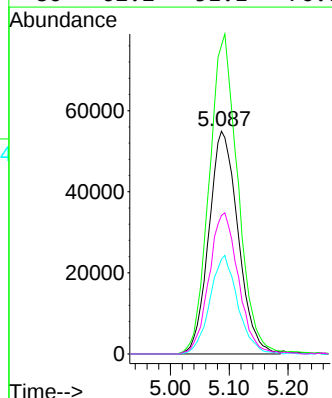
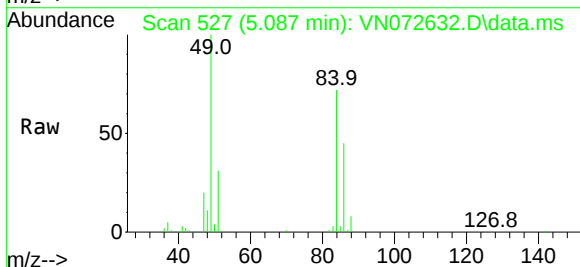
Ion Ratio Lower Upper

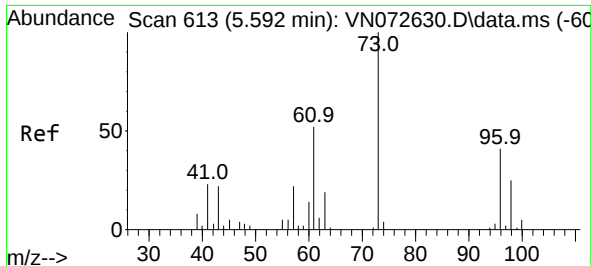
84 100

49 138.1 91.4 137.0#

51 42.6 29.4 44.0

86 62.2 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 79.320 ug/l

RT: 5.592 min Scan# 613

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

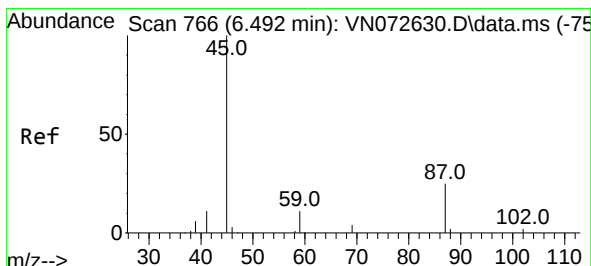
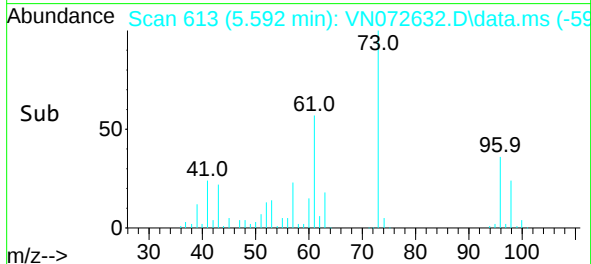
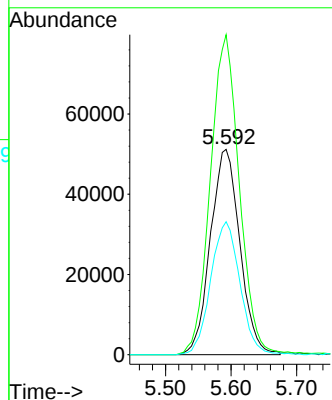
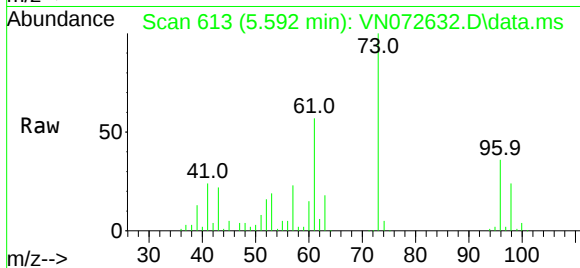
Tgt Ion: 96 Resp: 159881

Ion Ratio Lower Upper

96 100

61 155.2 102.8 154.2#

98 64.4 49.3 73.9



#20

Diisopropyl ether

Concen: 129.050 ug/l

RT: 6.492 min Scan# 766

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Tgt Ion: 45 Resp: 916950

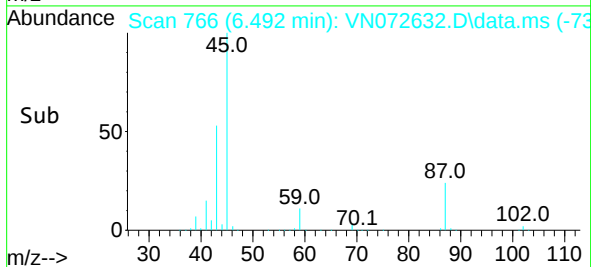
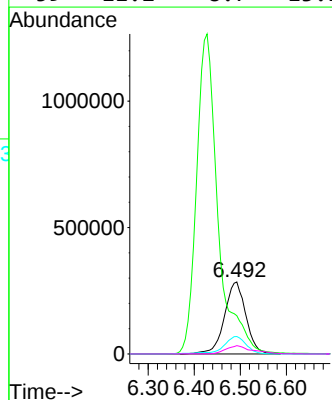
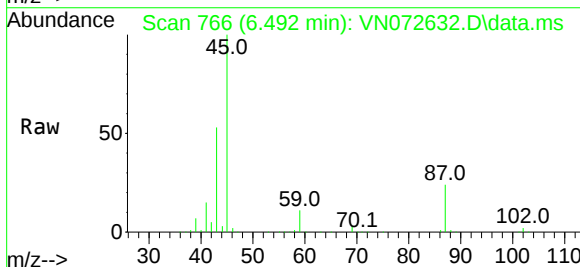
Ion Ratio Lower Upper

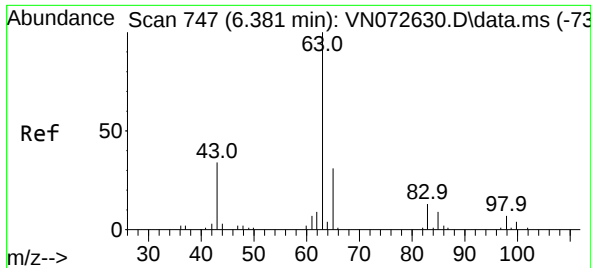
45 100

43 51.7 51.0 76.4

87 24.0 25.0 37.4#

59 11.2 8.7 13.1

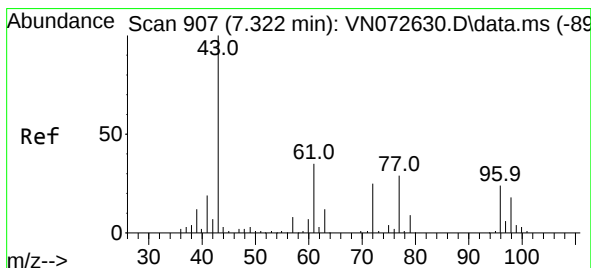
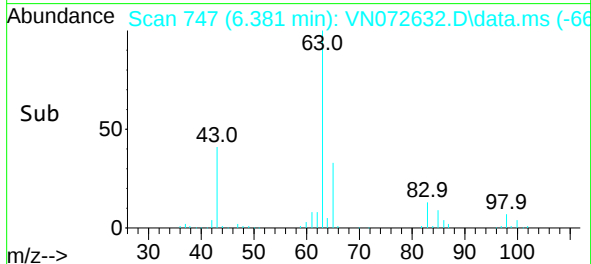
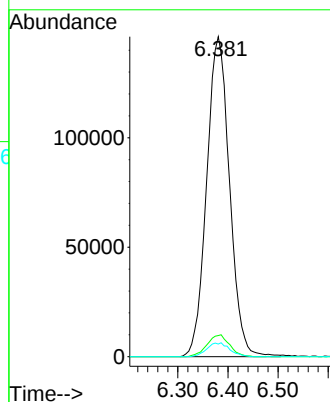
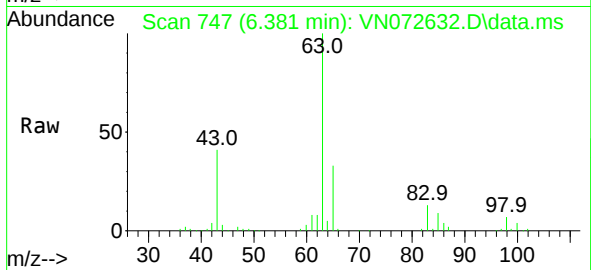




#21  
1,1-Dichloroethane  
Concen: 112.916 ug/l  
RT: 6.381 min Scan# 747  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

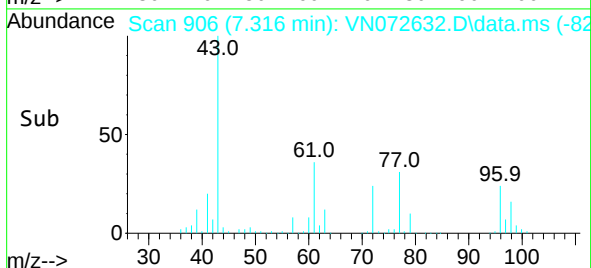
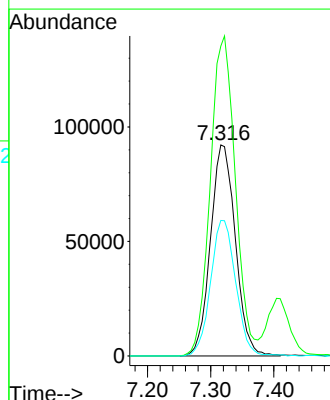
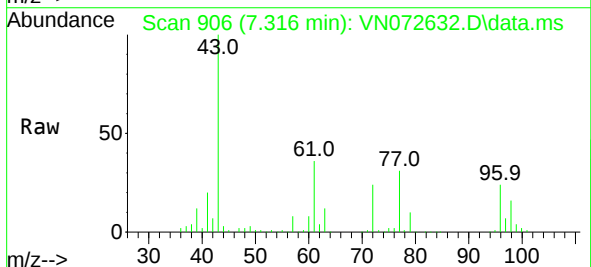
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

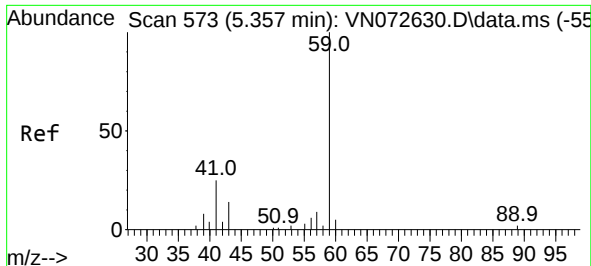
Tgt Ion: 63 Resp: 463412  
Ion Ratio Lower Upper  
63 100  
98 6.6 3.2 9.6  
100 4.0 2.1 6.2



#22  
cis-1,2-Dichloroethene  
Concen: 106.067 ug/l  
RT: 7.316 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 96 Resp: 252766  
Ion Ratio Lower Upper  
96 100  
61 152.6 115.7 173.5  
98 64.7 51.6 77.4

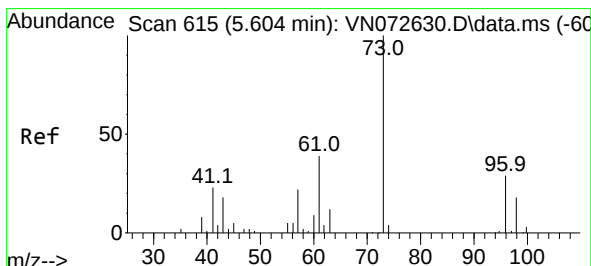
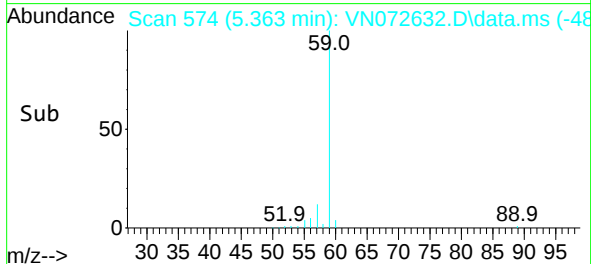
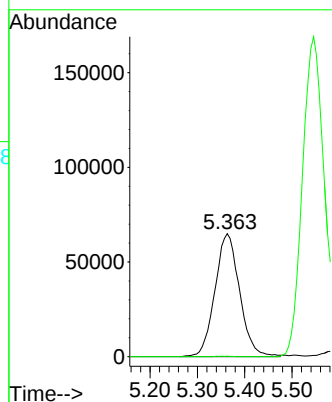
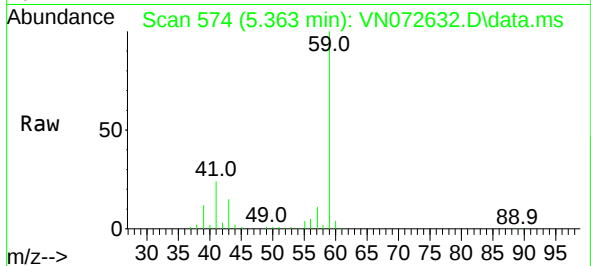




#23  
tert-Butyl Alcohol  
Concen: 439.931 ug/l  
RT: 5.363 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

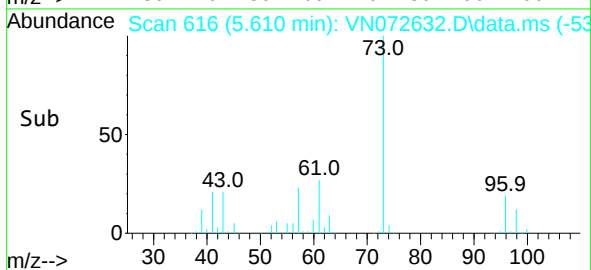
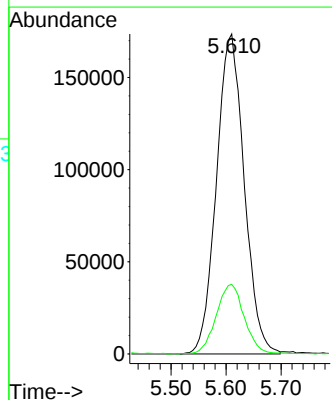
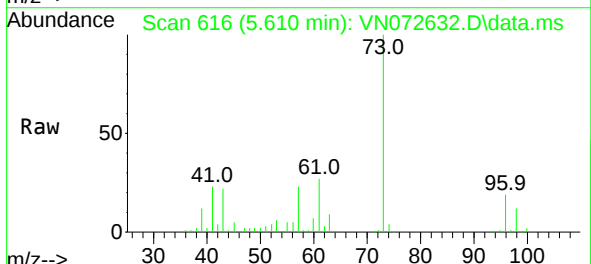
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

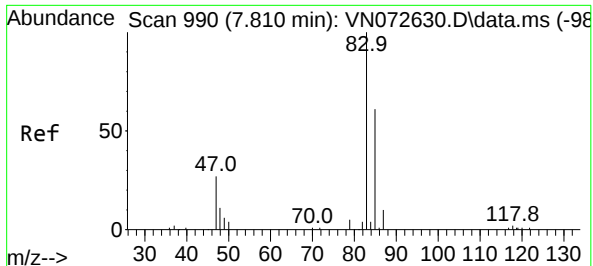
Tgt Ion: 59 Resp: 234734  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.0 0.0#



#24  
Methyl tert-Butyl Ether  
Concen: 82.881 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. 0.006 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 73 Resp: 609025  
Ion Ratio Lower Upper  
73 100  
43 21.7 18.1 27.1

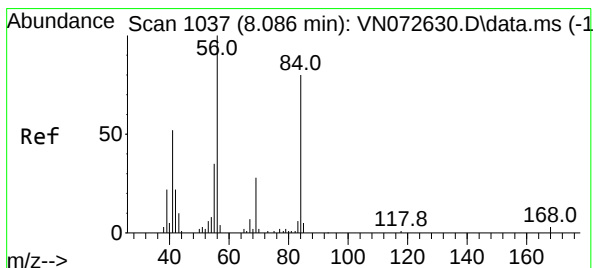
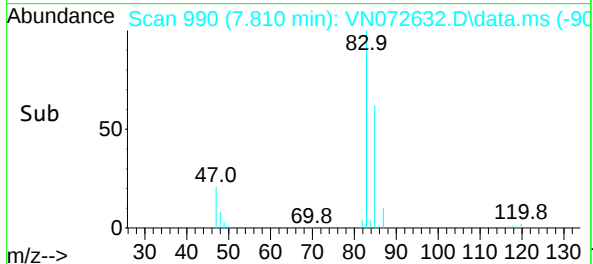
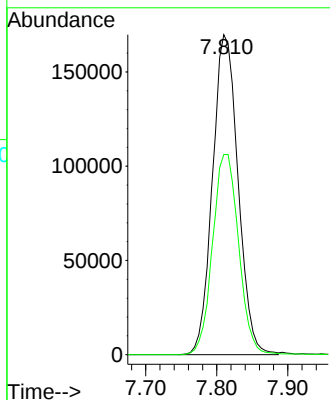
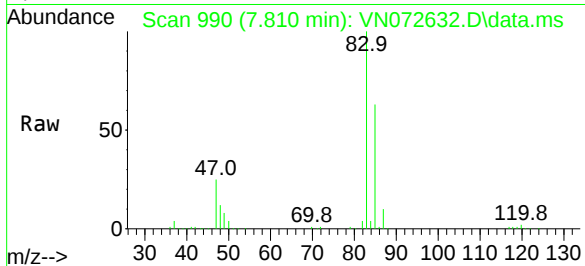




#25  
Chloroform  
Concen: 97.853 ug/l  
RT: 7.810 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

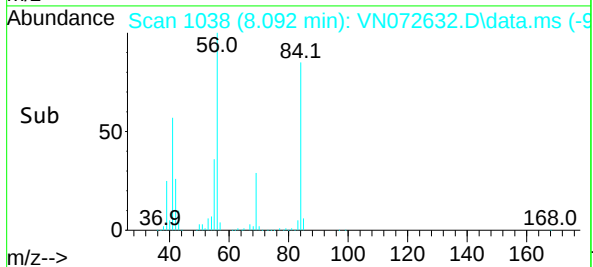
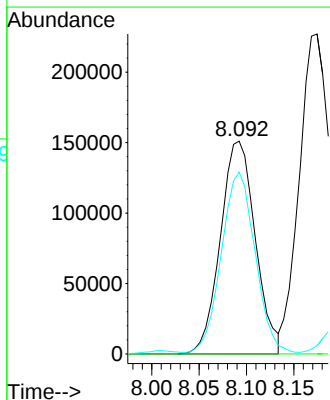
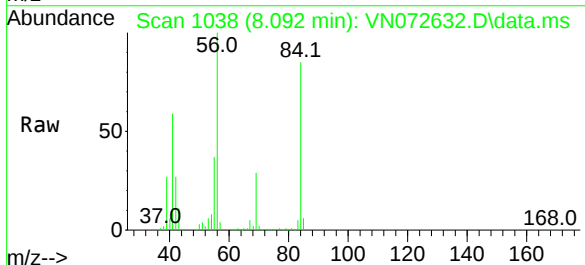
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

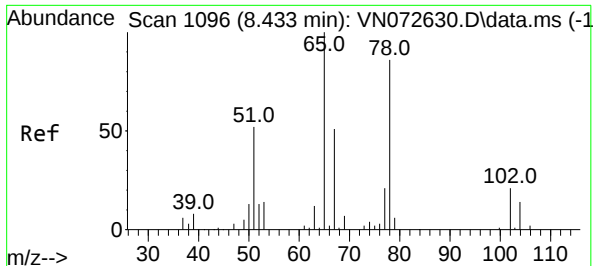
Tgt Ion: 83 Resp: 424368  
Ion Ratio Lower Upper  
83 100  
85 62.5 51.3 76.9



#26  
Cyclohexane  
Concen: 114.224 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 56 Resp: 388056  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.1 0.1#  
84 83.3 74.6 111.8

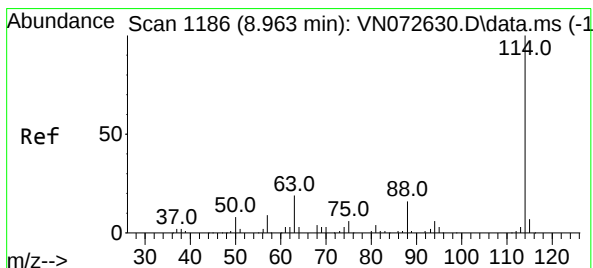
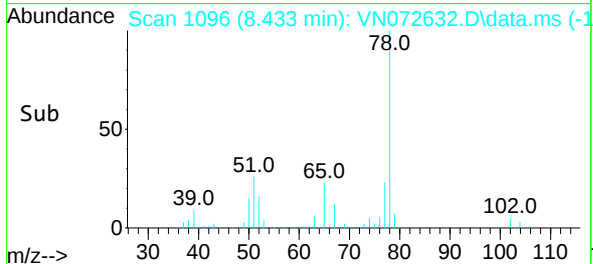
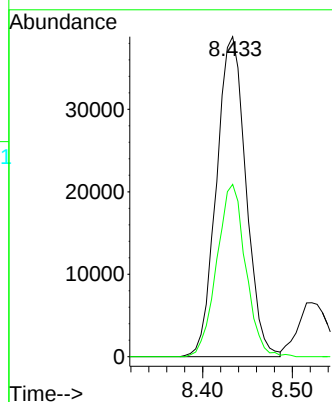
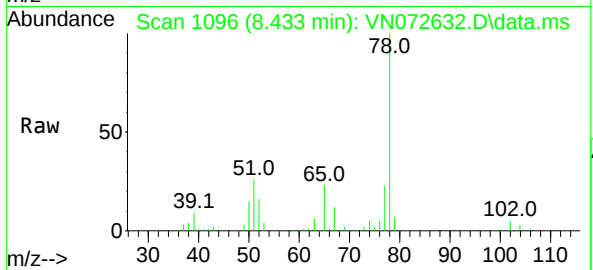




#27  
1,2-Dichloroethane-d4  
Concen: 29.169 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

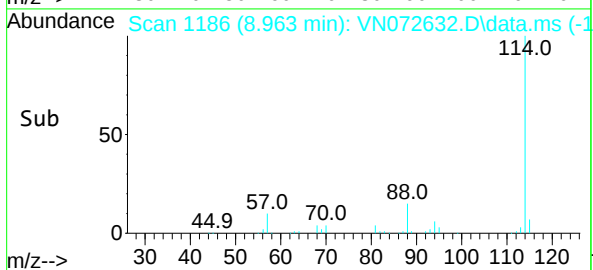
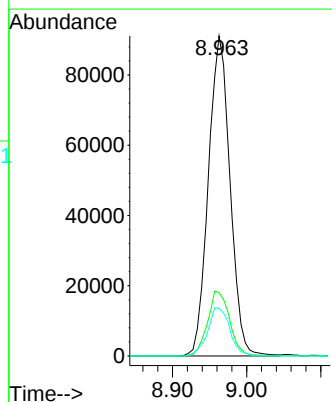
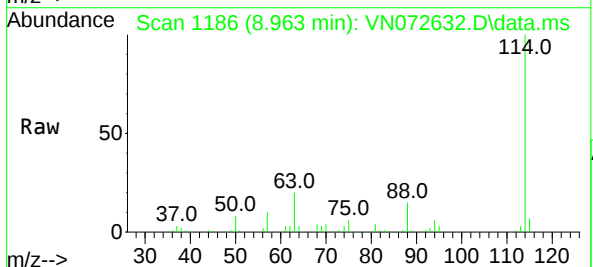
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

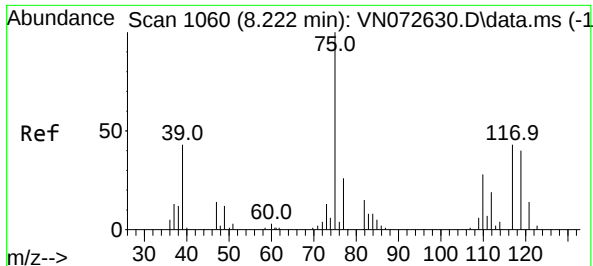
Tgt Ion: 65 Resp: 88487  
Ion Ratio Lower Upper  
65 100  
67 52.5 40.2 60.2



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 114 Resp: 185230  
Ion Ratio Lower Upper  
114 100  
63 20.6 15.8 23.6  
88 15.3 11.6 17.4





#29

1,1-Dichloropropene

Concen: 95.590 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

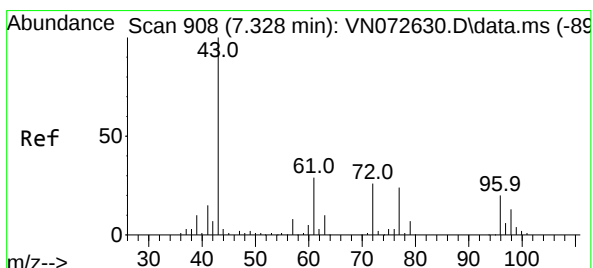
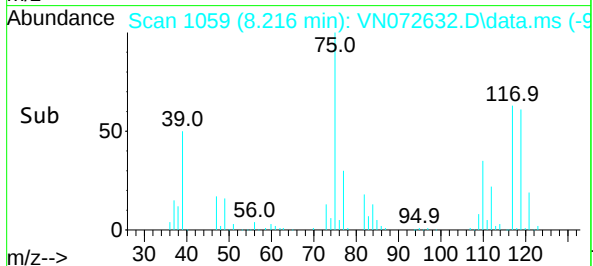
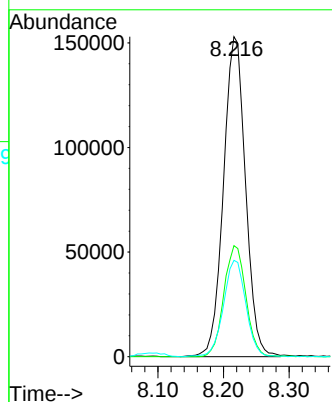
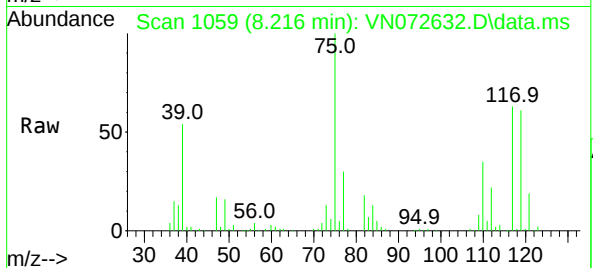
Tgt Ion: 75 Resp: 356826

Ion Ratio Lower Upper

75 100

110 34.6 0.0 74.2

77 30.6 0.0 63.2



#30

2-Butanone

Concen: 528.717 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

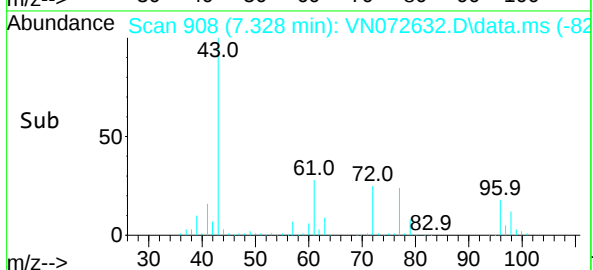
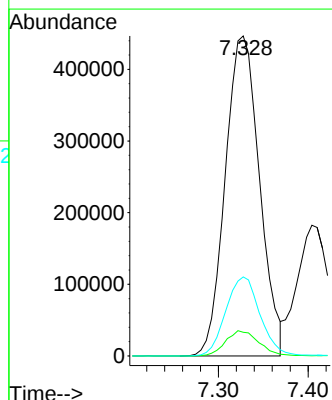
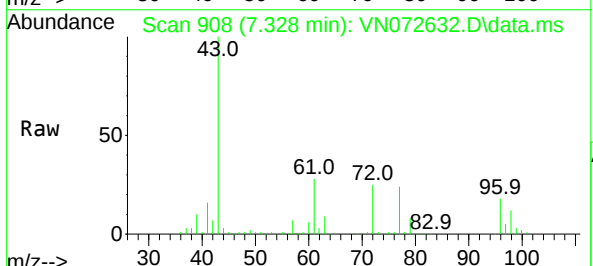
Tgt Ion: 43 Resp: 1184903

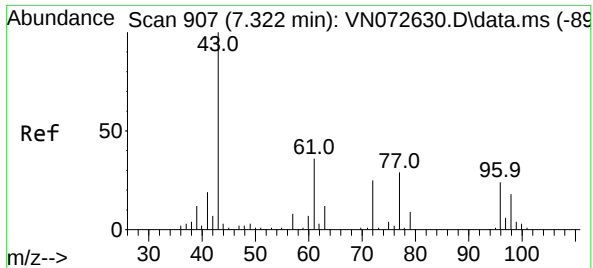
Ion Ratio Lower Upper

43 100

57 7.7 6.7 10.1

72 24.6 23.2 34.8

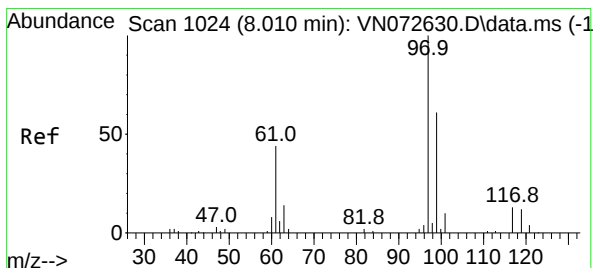
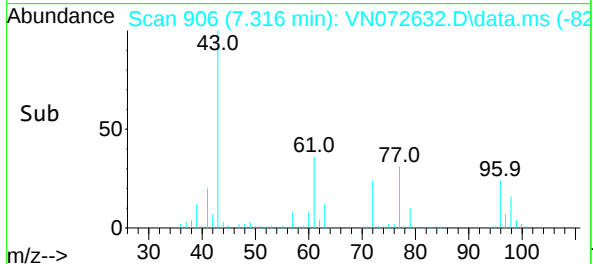
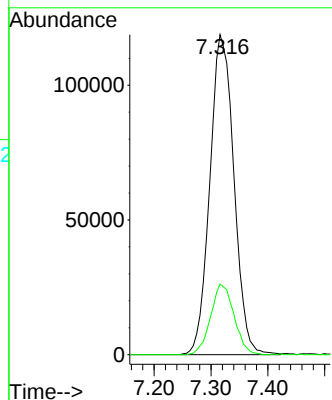
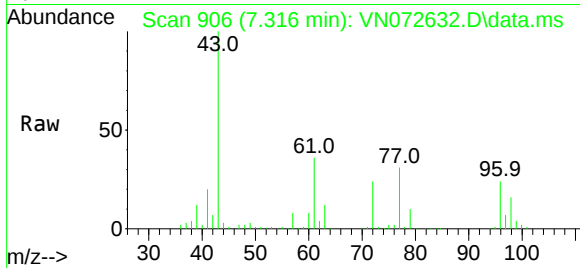




#31  
2,2-Dichloropropane  
Concen: 77.630 ug/l  
RT: 7.316 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

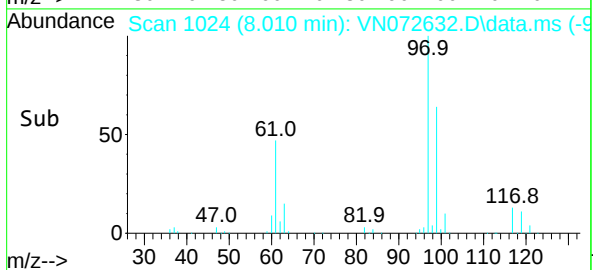
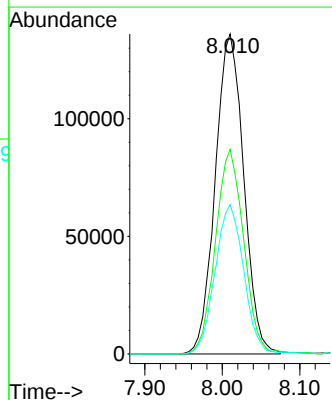
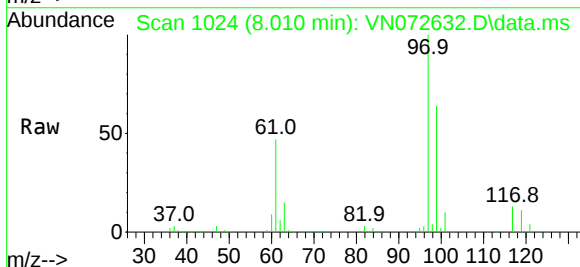
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

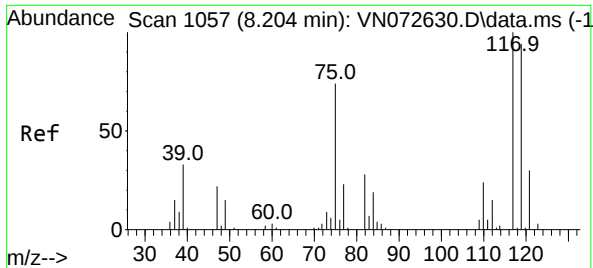
Tgt Ion: 77 Resp: 349708  
Ion Ratio Lower Upper  
77 100  
97 21.5 18.3 27.5



#32  
1,1,1-Trichloroethane  
Concen: 68.284 ug/l  
RT: 8.010 min Scan# 1024  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 97 Resp: 347448  
Ion Ratio Lower Upper  
97 100  
99 62.9 50.4 75.6  
61 47.0 34.6 51.8

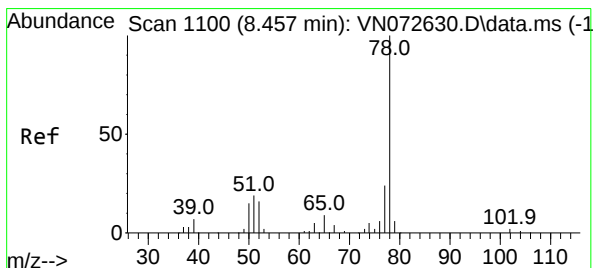
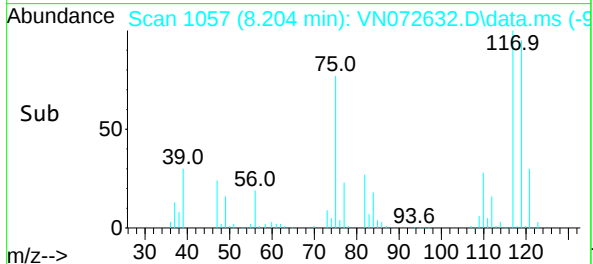
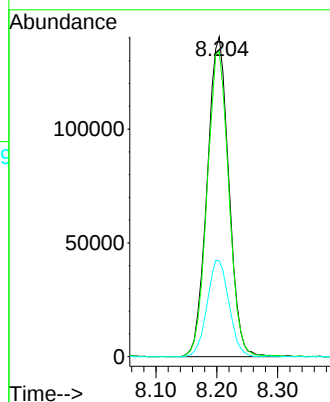
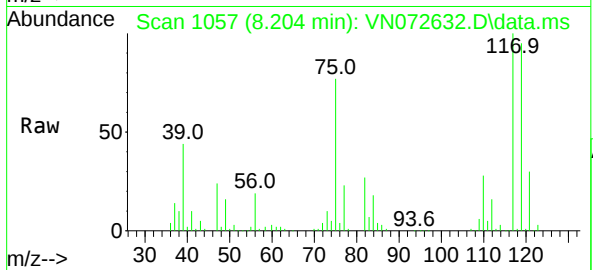




#33  
Carbon Tetrachloride  
Concen: 77.845 ug/l  
RT: 8.204 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

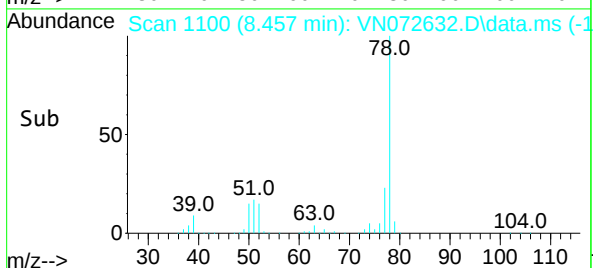
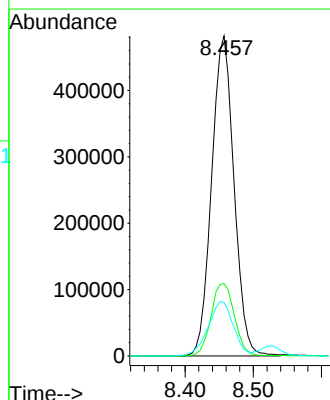
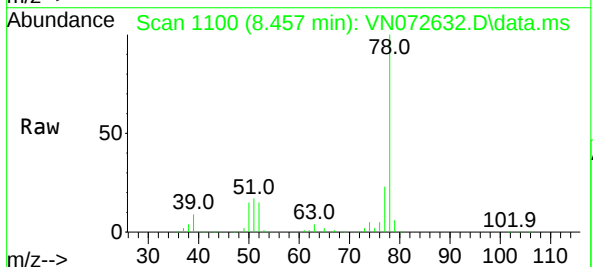
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

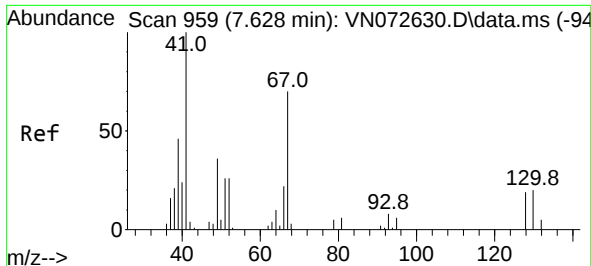
Tgt Ion:117 Resp: 347982  
Ion Ratio Lower Upper  
117 100  
119 95.4 77.5 116.3  
121 30.0 23.5 35.3



#34  
Benzene  
Concen: 101.959 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 78 Resp: 1101258  
Ion Ratio Lower Upper  
78 100  
77 22.6 19.1 28.7  
51 16.6 16.0 24.0



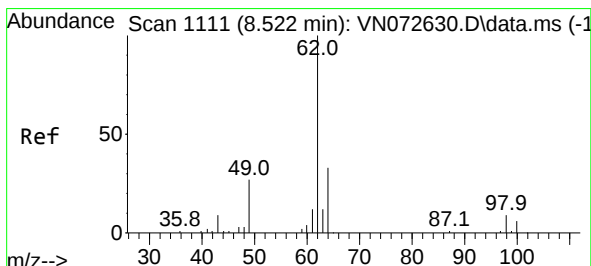
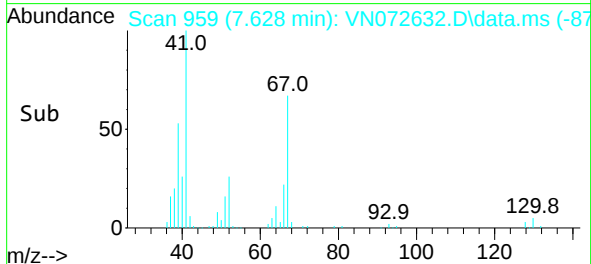
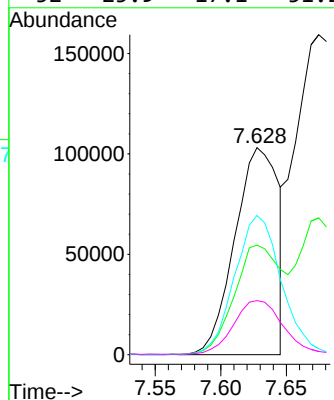
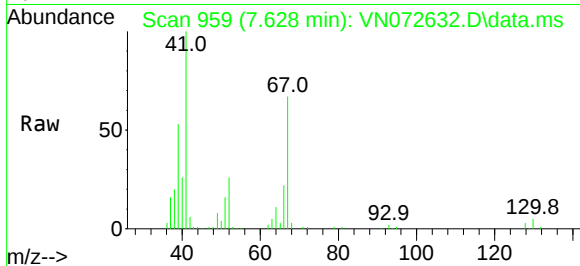


#35  
Methacrylonitrile  
Concen: 103.237 ug/l  
RT: 7.628 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 41 Resp: 238322

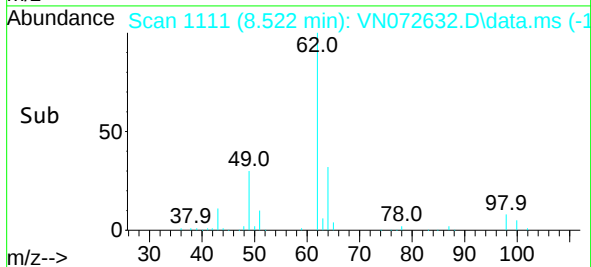
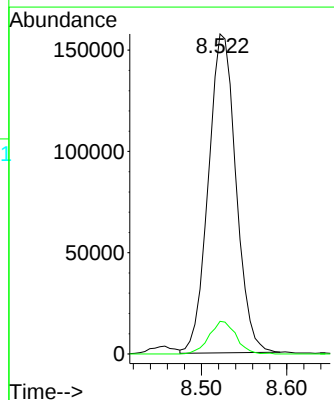
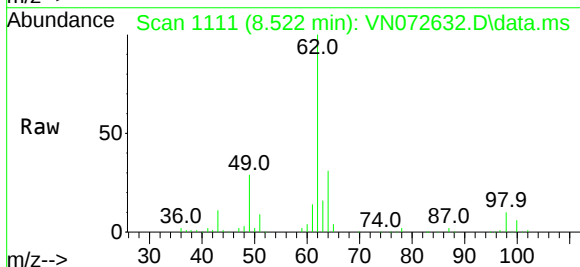
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.7  | 28.0  | 83.9  |
| 67  | 67.2  | 37.7  | 113.1 |
| 52  | 25.9  | 17.1  | 51.2  |

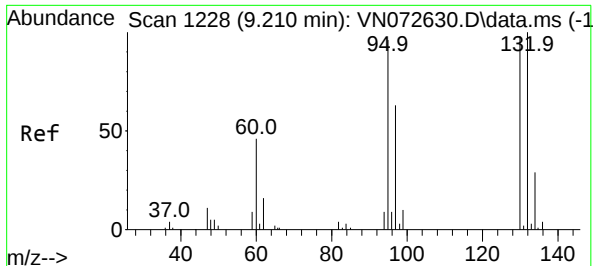


#36  
1,2-Dichloroethane  
Concen: 75.824 ug/l  
RT: 8.522 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 62 Resp: 354339

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.9   | 6.6   | 10.0  |





#37

Trichloroethene

Concen: 91.963 ug/l

RT: 9.210 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

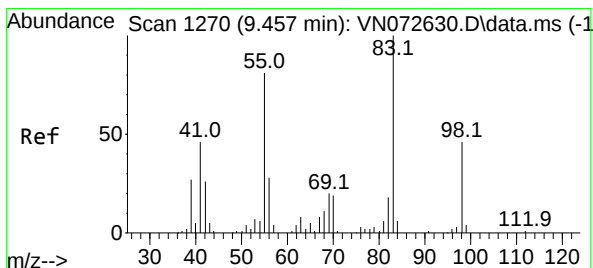
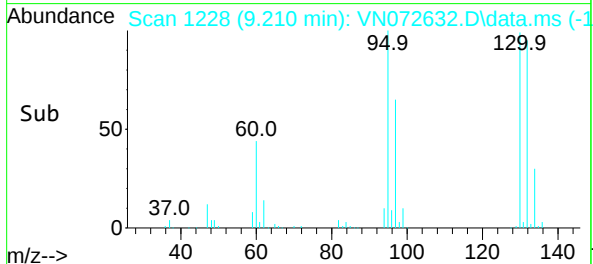
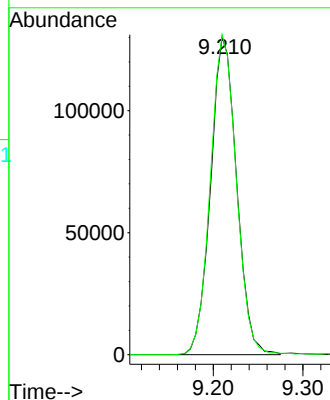
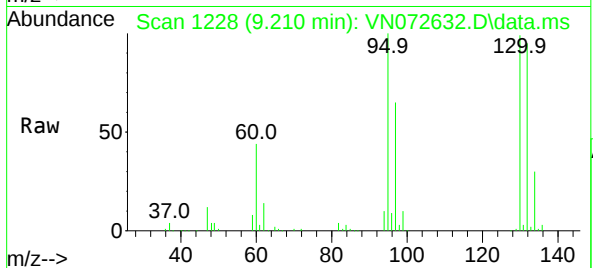
VSTDICC100

Tgt Ion:130 Resp: 261581

Ion Ratio Lower Upper

130 100

95 100.6 76.6 115.0



#38

Methylcyclohexane

Concen: 101.564 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

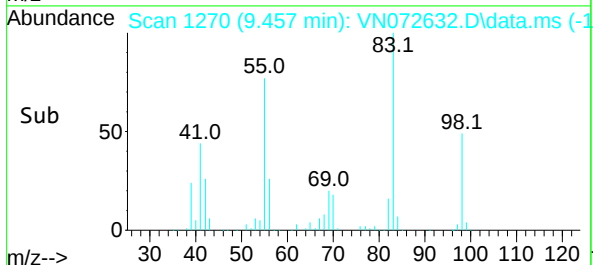
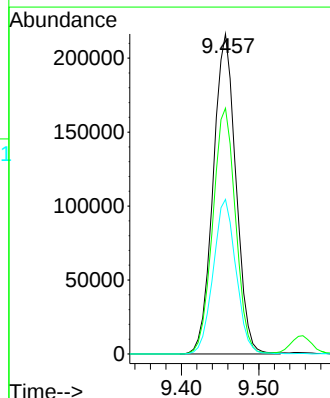
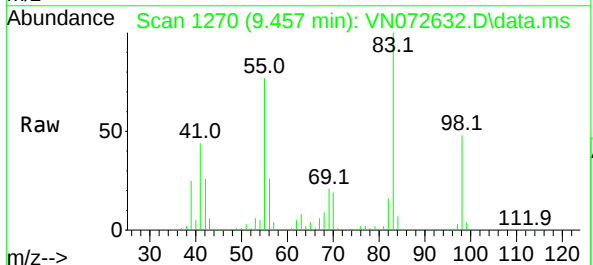
Tgt Ion: 83 Resp: 440707

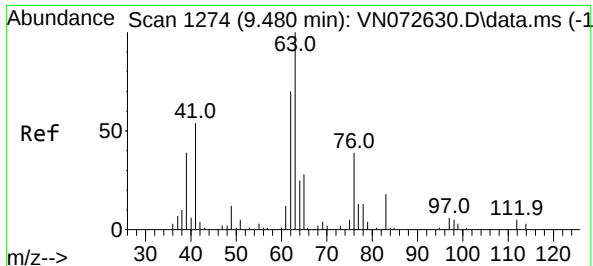
Ion Ratio Lower Upper

83 100

55 76.9 35.1 105.3

98 48.4 23.4 70.2





#39

1,2-Dichloropropane

Concen: 106.537 ug/l

RT: 9.486 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

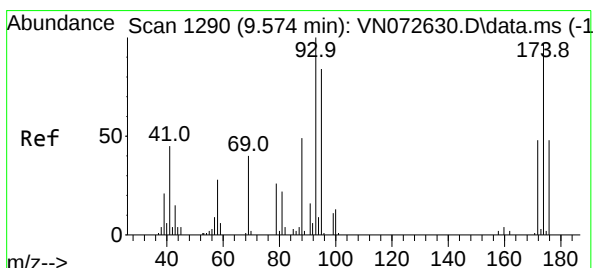
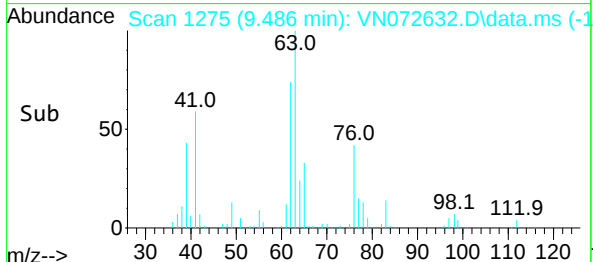
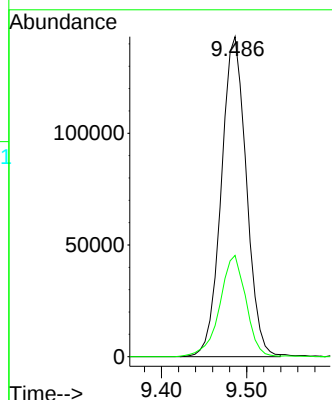
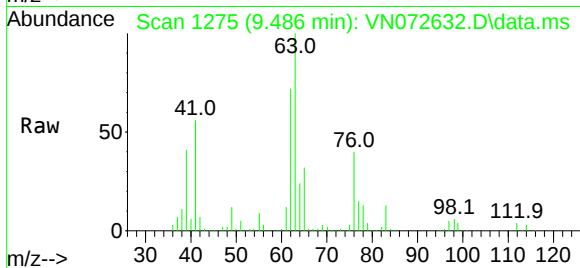
VSTDIC100

Tgt Ion: 63 Resp: 292347

Ion Ratio Lower Upper

63 100

65 31.5 24.2 36.4



#40

Dibromomethane

Concen: 90.500 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

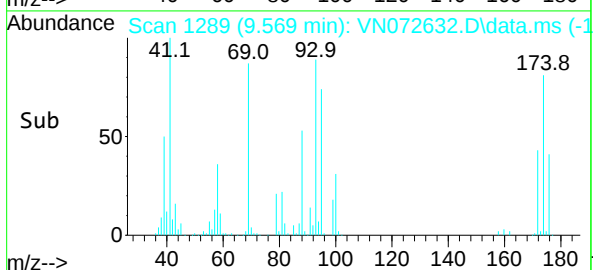
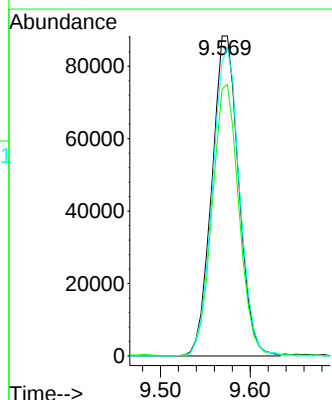
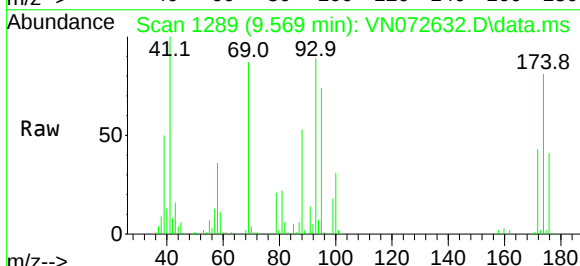
Tgt Ion: 93 Resp: 183834

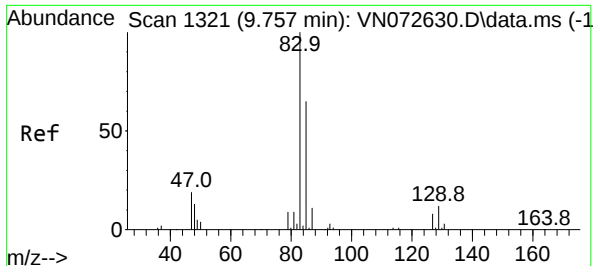
Ion Ratio Lower Upper

93 100

95 84.6 0.0 168.8

174 96.7 0.0 173.6

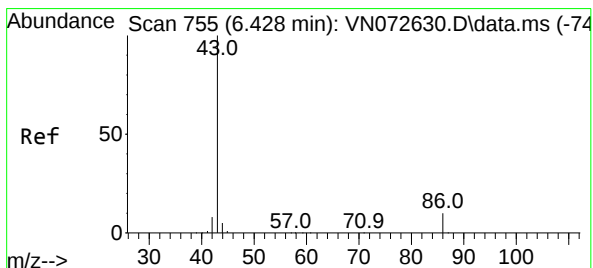
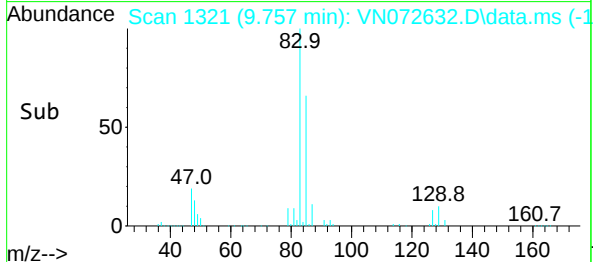
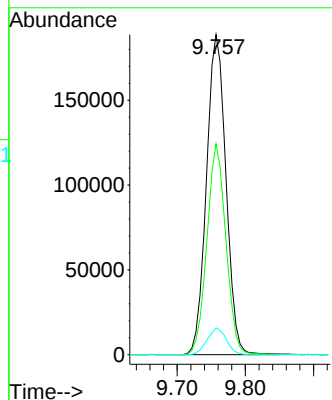
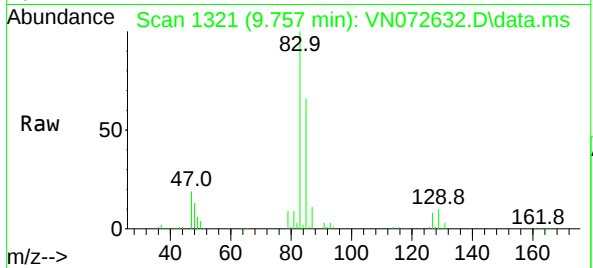




#41  
Bromodichloromethane  
Concen: 87.806 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

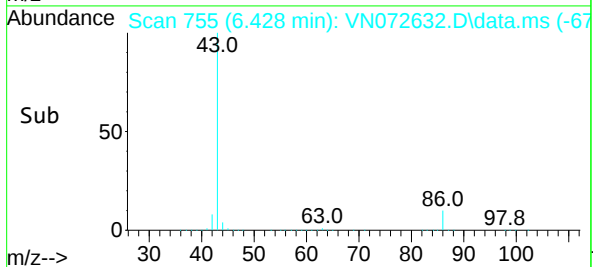
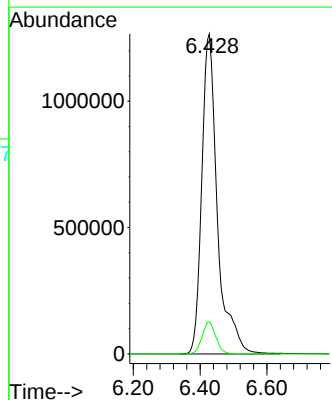
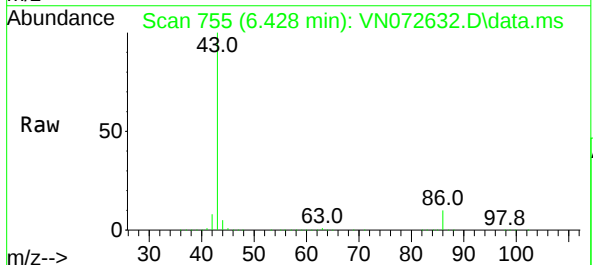
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

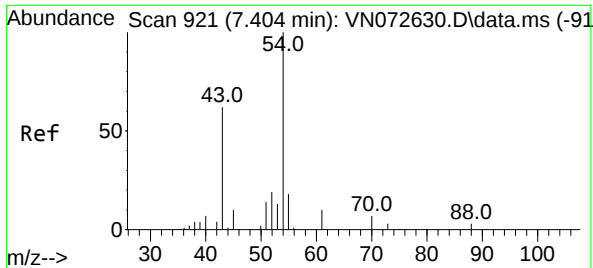
Tgt Ion: 83 Resp: 375919  
Ion Ratio Lower Upper  
83 100  
85 65.9 54.1 81.1  
127 8.4 7.6 11.4



#42  
Vinyl Acetate  
Concen: 551.550 ug/l  
RT: 6.428 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 43 Resp: 4109394  
Ion Ratio Lower Upper  
43 100  
86 8.8 7.5 11.3

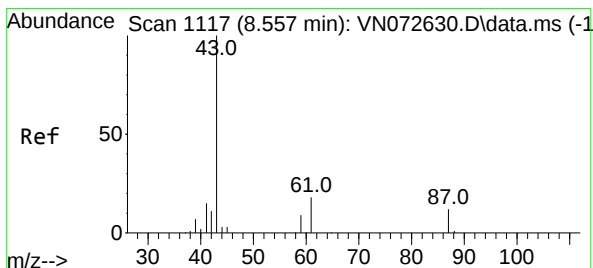
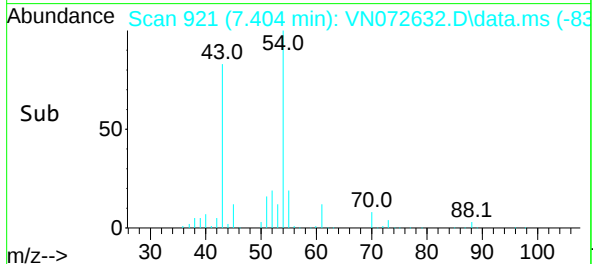
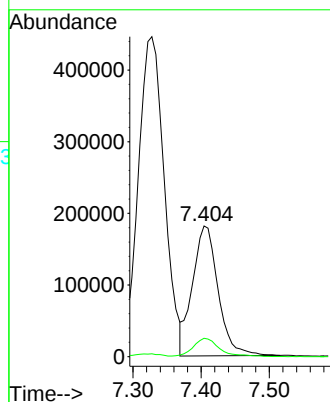
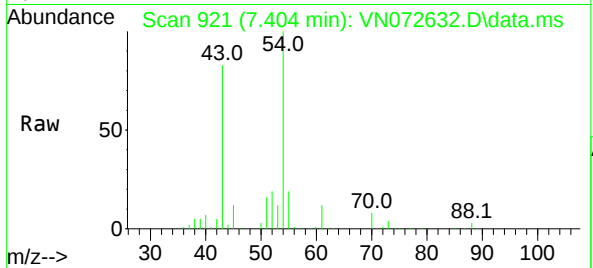




#43  
Ethyl Acetate  
Concen: 108.759 ug/l  
RT: 7.404 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

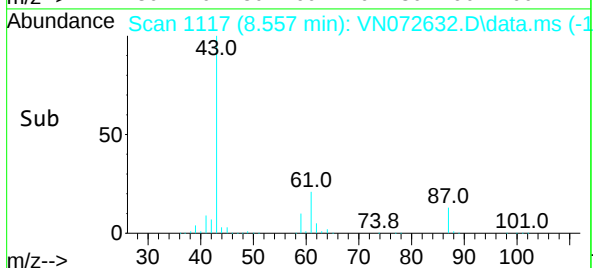
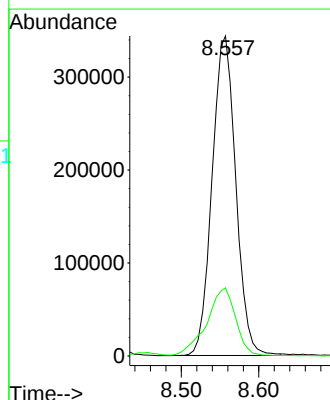
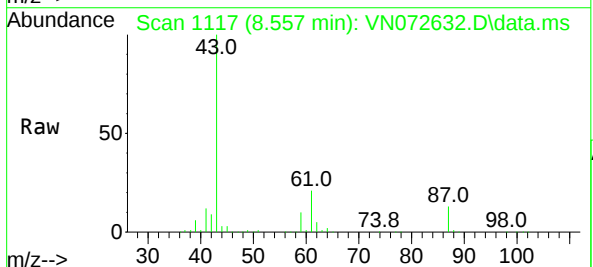
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

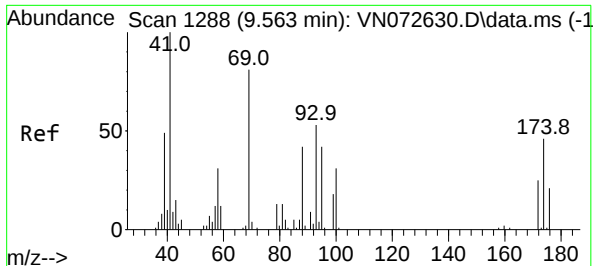
Tgt Ion: 43 Resp: 472692  
Ion Ratio Lower Upper  
43 100  
45 14.3 10.6 16.0



#44  
Isopropyl Acetate  
Concen: 106.320 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 43 Resp: 730863  
Ion Ratio Lower Upper  
43 100  
61 26.3 20.1 30.1





#45

1,4-Dioxane

Concen: 1864.201 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

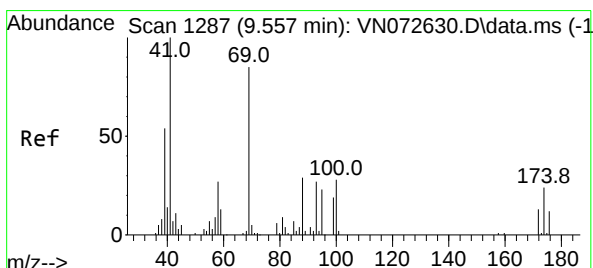
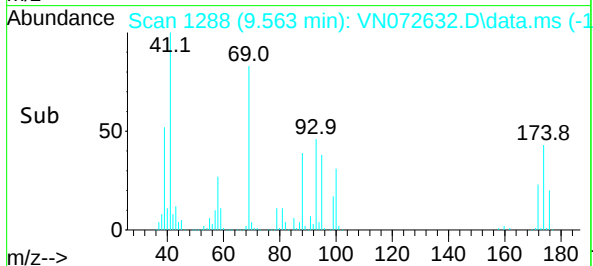
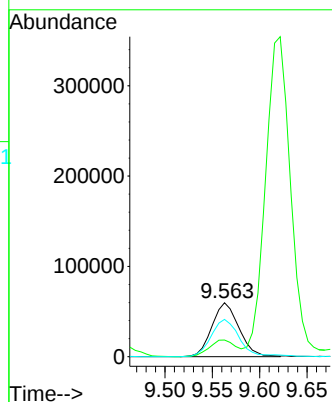
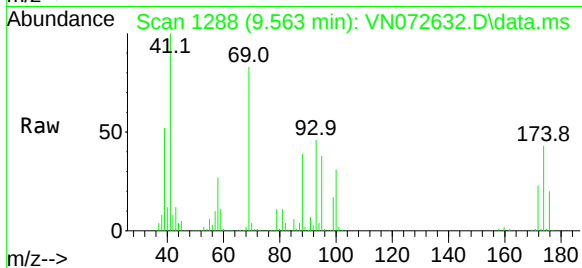
Tgt Ion: 88 Resp: 118614

Ion Ratio Lower Upper

88 100

43 30.7 25.0 37.6

58 70.4 49.4 74.2



#46

Methyl methacrylate

Concen: 102.291 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

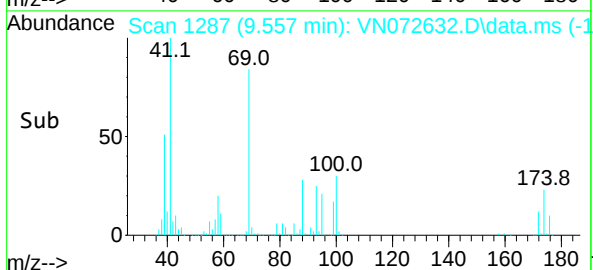
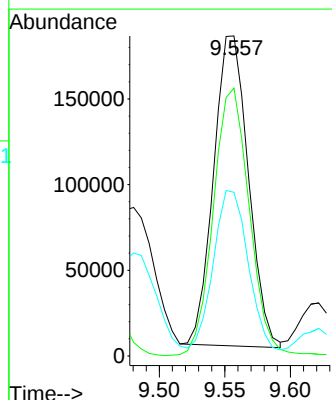
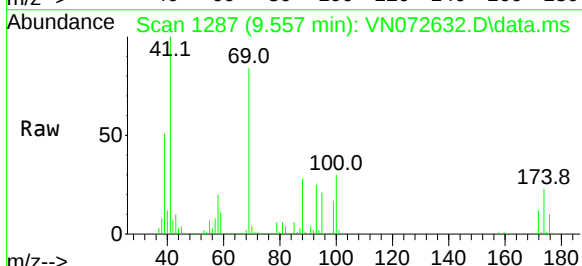
Tgt Ion: 41 Resp: 333262

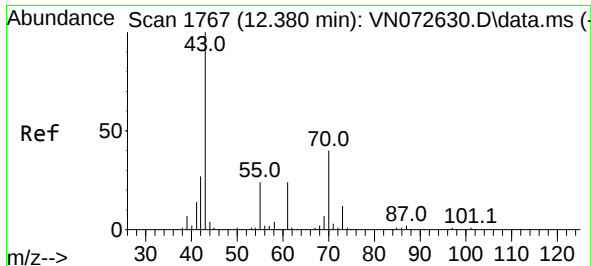
Ion Ratio Lower Upper

41 100

69 86.5 44.4 133.2

39 51.2 39.9 119.6





#47

n-amyl acetate

Concen: 110.244 ug/l

RT: 12.380 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

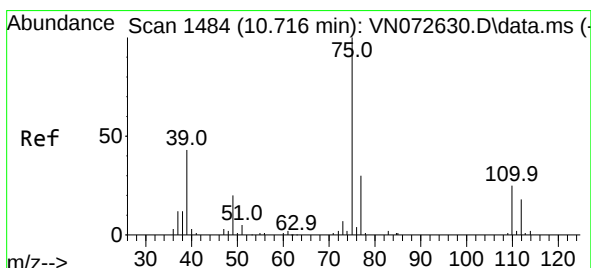
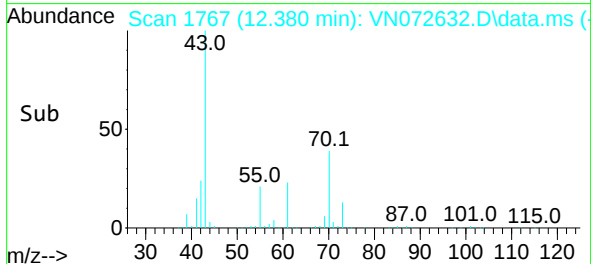
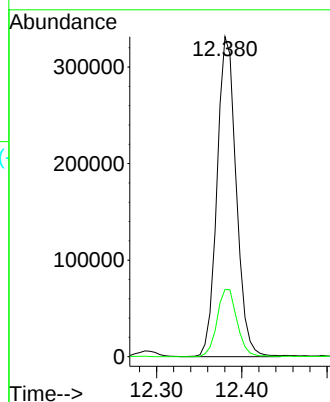
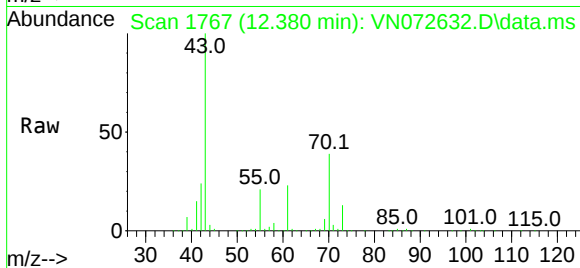
VSTDIC100

Tgt Ion: 43 Resp: 520148

Ion Ratio Lower Upper

43 100

55 22.0 19.0 28.6



#48

t-1,3-Dichloropropene

Concen: 86.344 ug/l

RT: 10.710 min Scan# 1483

Delta R.T. -0.006 min

Lab File: VN072632.D

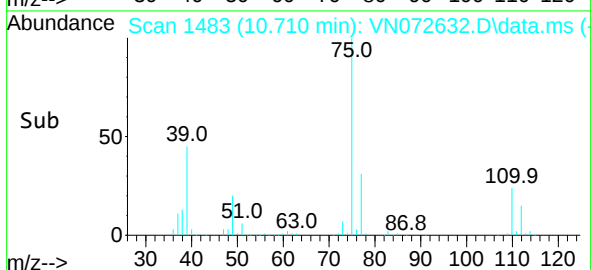
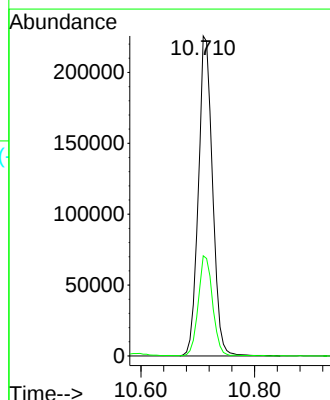
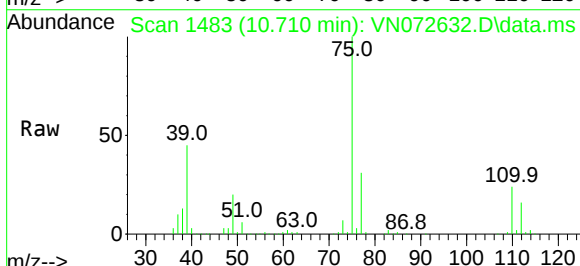
Acq: 26 May 2022 15:32

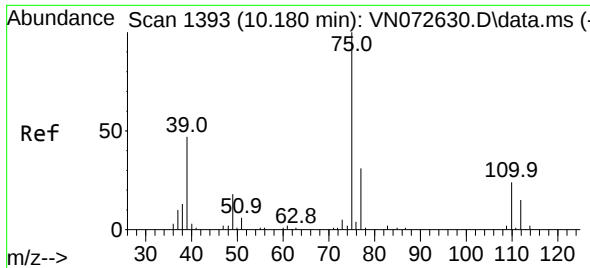
Tgt Ion: 75 Resp: 391841

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

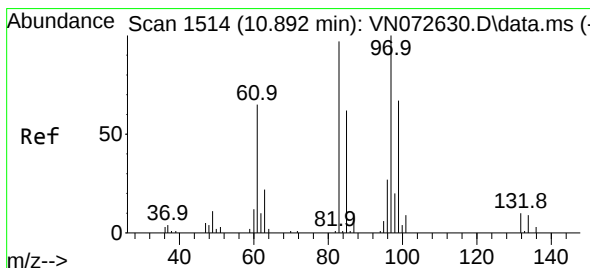
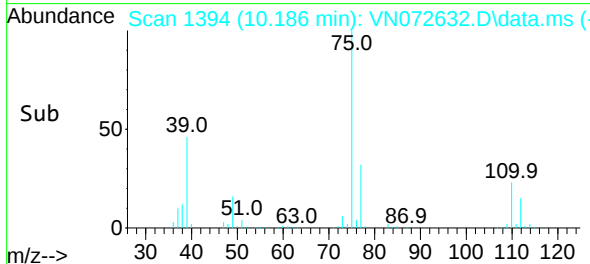
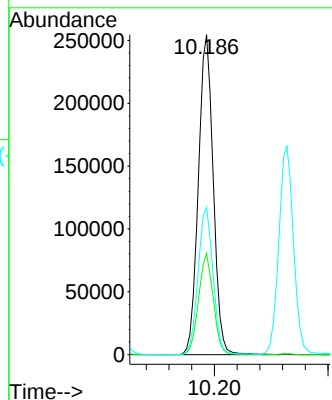
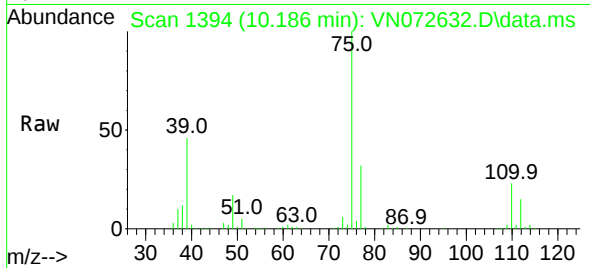




#49  
 cis-1,3-Dichloropropene  
 Concen: 99.556 ug/l  
 RT: 10.186 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VN072632.D  
 Acq: 26 May 2022 15:32

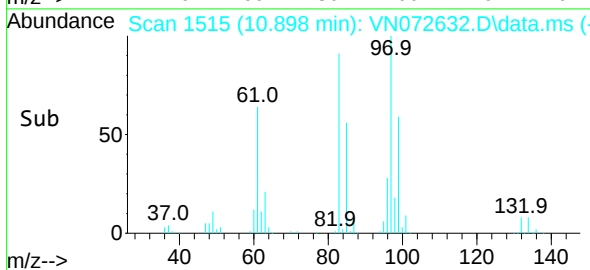
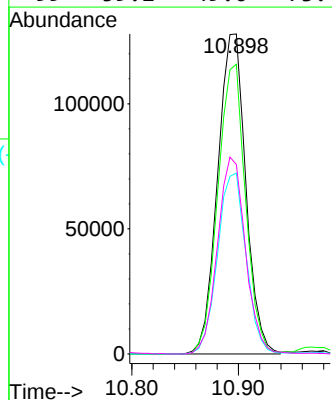
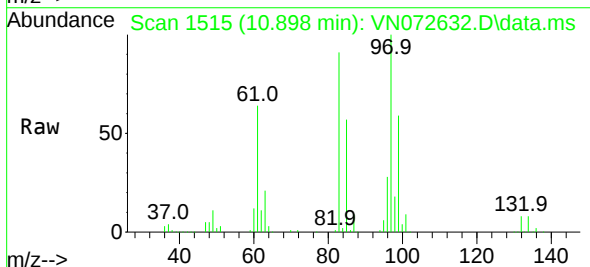
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

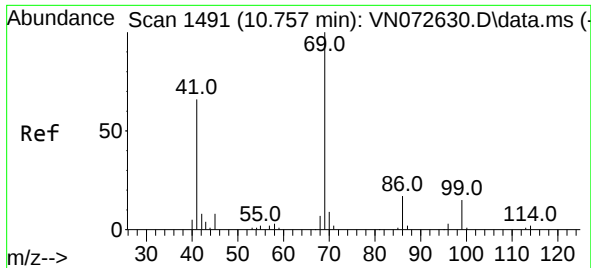
Tgt Ion: 75 Resp: 464030  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.3 37.9  
 39 45.9 46.2 69.4#



#50  
 1,1,2-Trichloroethane  
 Concen: 81.965 ug/l  
 RT: 10.898 min Scan# 1515  
 Delta R.T. 0.006 min  
 Lab File: VN072632.D  
 Acq: 26 May 2022 15:32

Tgt Ion: 97 Resp: 234924  
 Ion Ratio Lower Upper  
 97 100  
 83 90.6 67.2 100.8  
 85 56.6 43.0 64.4  
 99 59.2 49.0 73.4

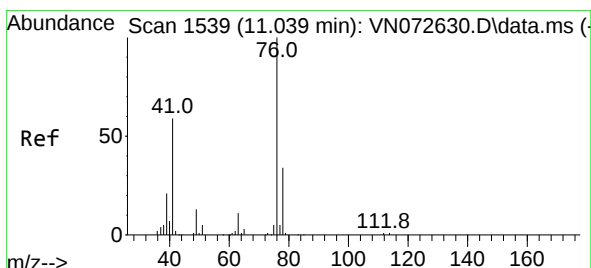
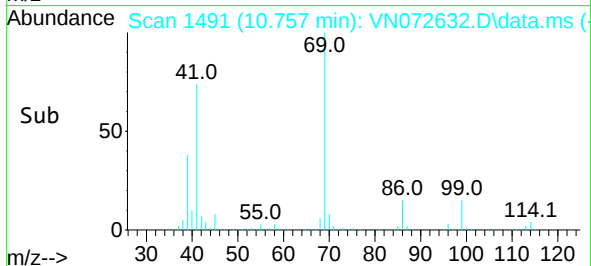
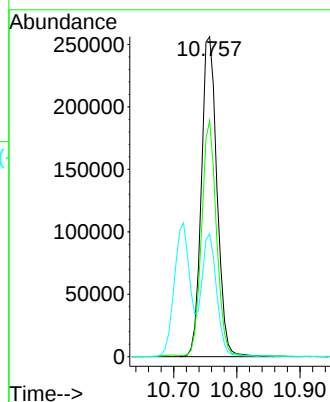
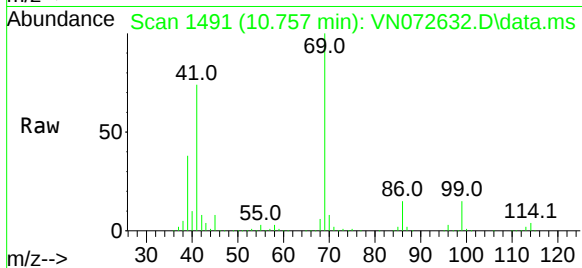




#51  
Ethyl methacrylate  
Concen: 96.921 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

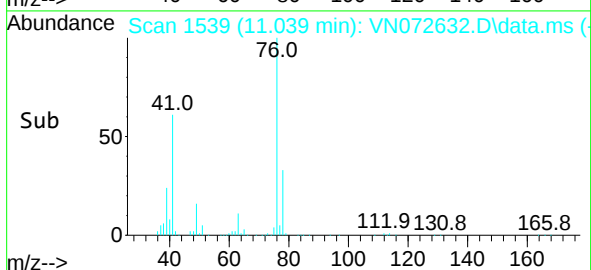
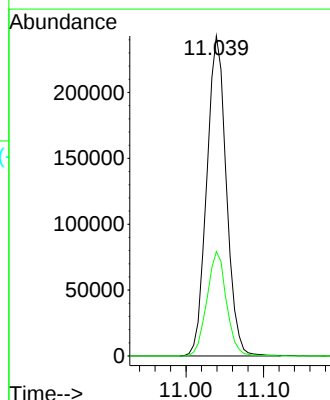
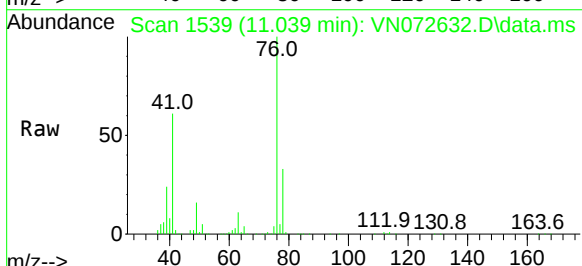
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

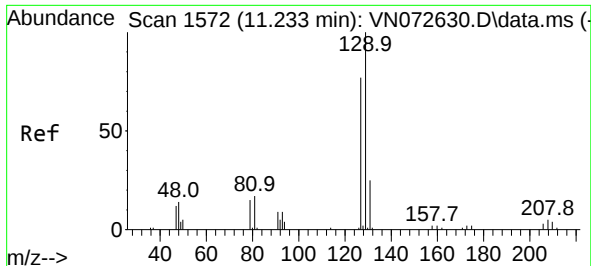
Tgt Ion: 69 Resp: 439686  
Ion Ratio Lower Upper  
69 100  
41 73.5 33.0 98.9  
39 38.2 25.4 76.4



#52  
1,3-Dichloropropane  
Concen: 85.914 ug/l  
RT: 11.039 min Scan# 1539  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 76 Resp: 426083  
Ion Ratio Lower Upper  
76 100  
78 32.5 0.0 65.4

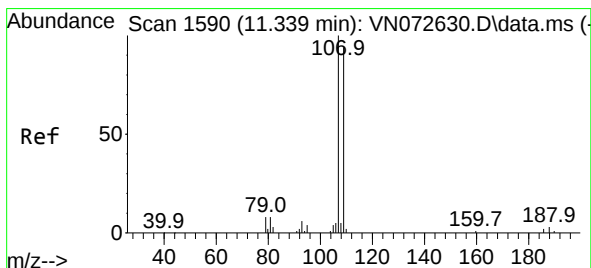
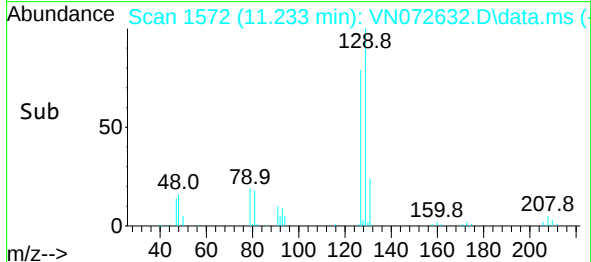
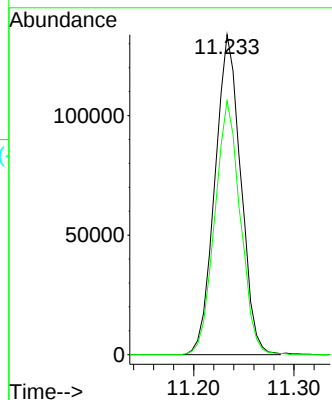
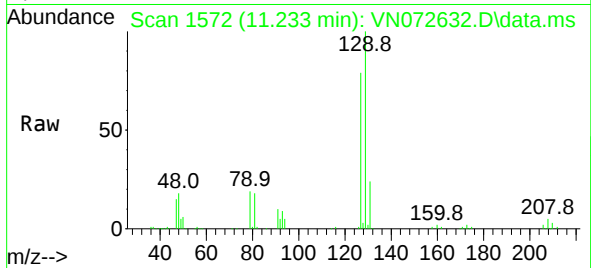




#53  
Dibromochloromethane  
Concen: 72.058 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

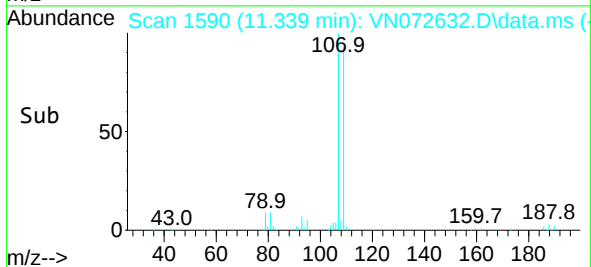
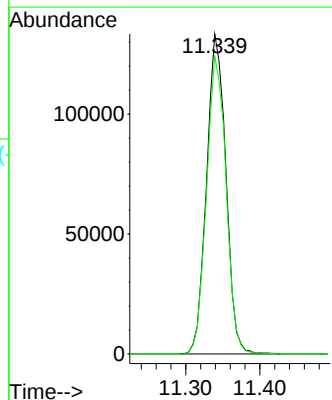
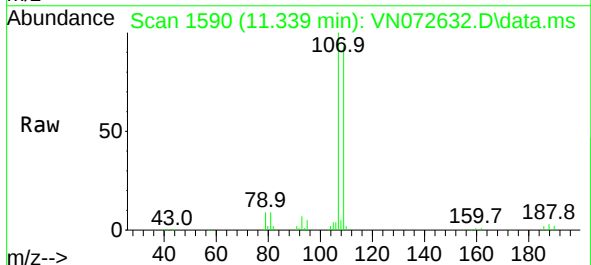
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

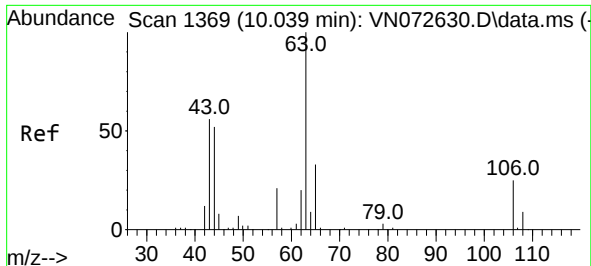
Tgt Ion:129 Resp: 239776  
Ion Ratio Lower Upper  
129 100  
127 78.4 39.0 117.0



#54  
1,2-Dibromoethane  
Concen: 79.520 ug/l  
RT: 11.339 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion:107 Resp: 241461  
Ion Ratio Lower Upper  
107 100  
109 94.3 72.8 109.2

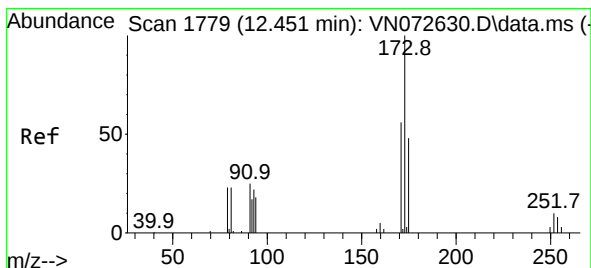
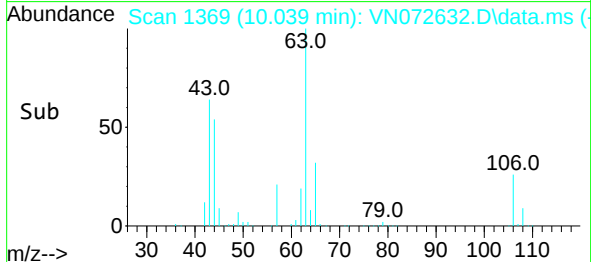
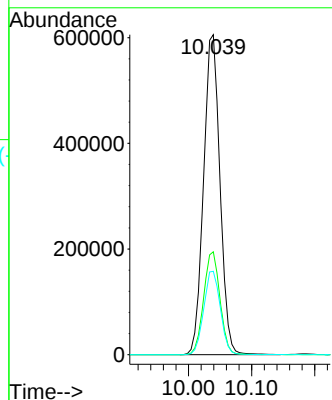
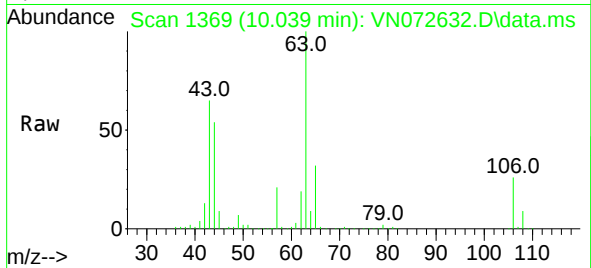




#55  
2-Chloroethyl vinyl ether  
Concen: 830.519 ug/l  
RT: 10.039 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

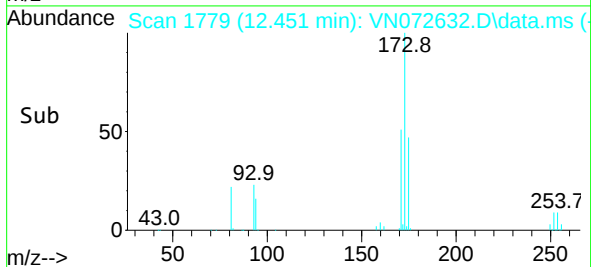
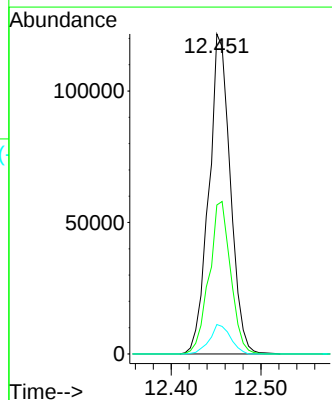
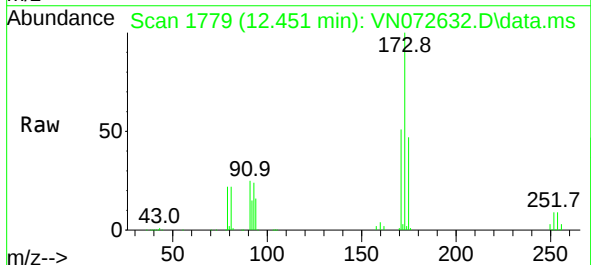
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

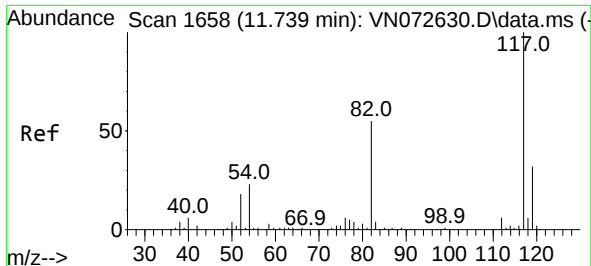
Tgt Ion: 63 Resp: 1090616  
Ion Ratio Lower Upper  
63 100  
65 32.0 25.4 38.0  
106 26.5 23.2 34.8



#56  
Bromoform  
Concen: 79.896 ug/l  
RT: 12.451 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 173 Resp: 201949  
Ion Ratio Lower Upper  
173 100  
175 47.8 38.6 58.0  
254 9.0 0.0 0.0#

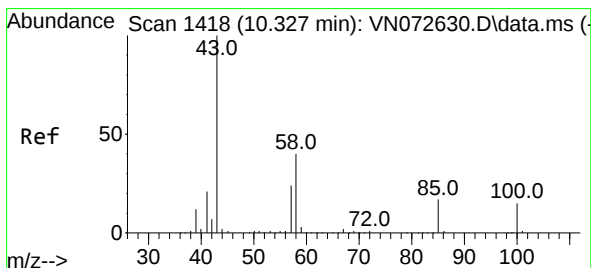
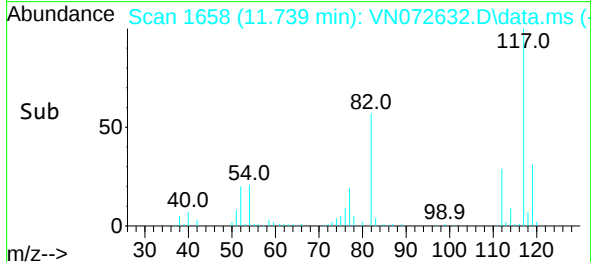
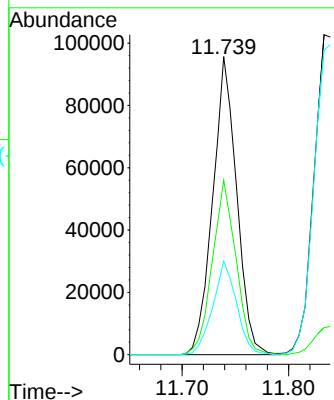
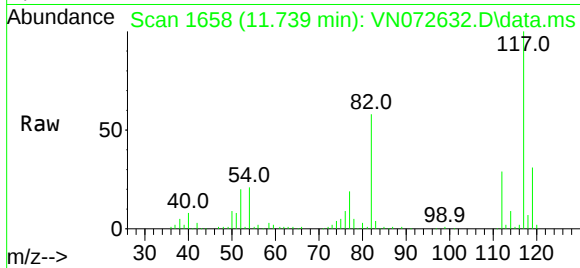




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

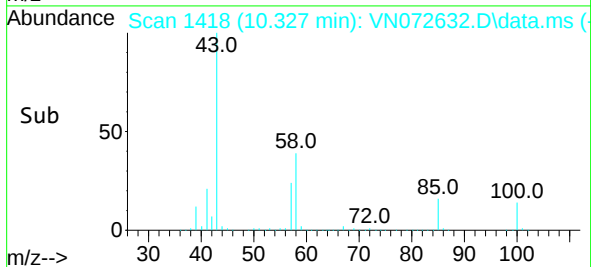
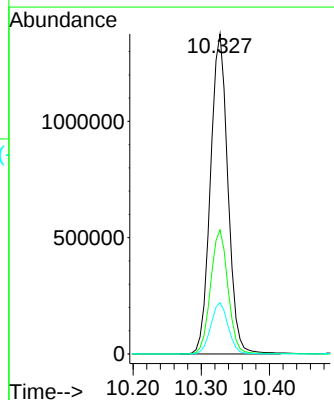
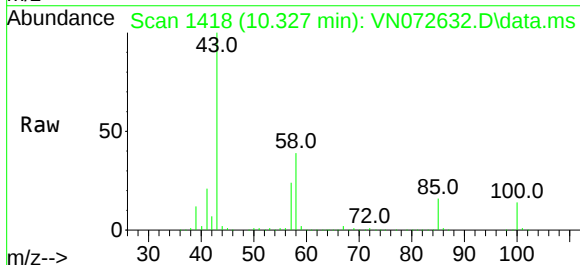
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

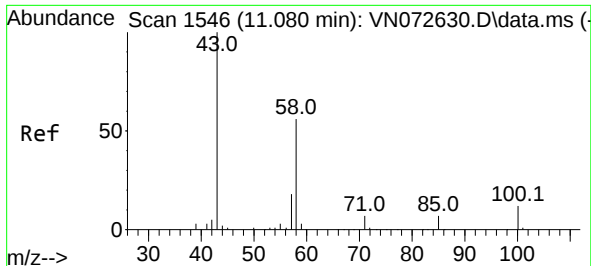
Tgt Ion:117 Resp: 149583  
Ion Ratio Lower Upper  
117 100  
82 57.9 43.6 65.4  
119 31.1 25.8 38.6



#58  
4-Methyl-2-Pentanone  
Concen: 657.839 ug/l  
RT: 10.327 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 43 Resp: 2445359  
Ion Ratio Lower Upper  
43 100  
58 38.6 30.0 45.0  
85 16.1 15.0 22.6

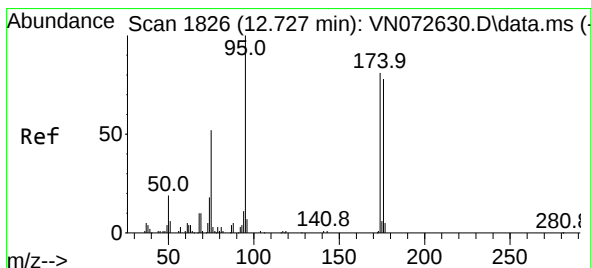
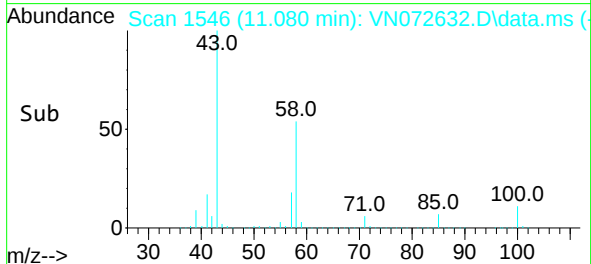
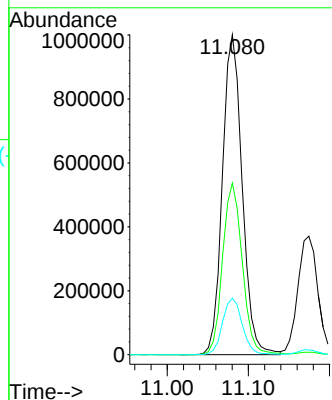
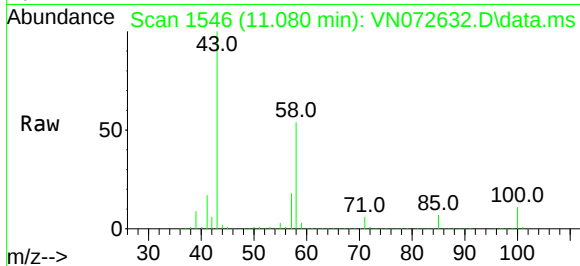




#59  
2-Hexanone  
Concen: 624.941 ug/l  
RT: 11.080 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

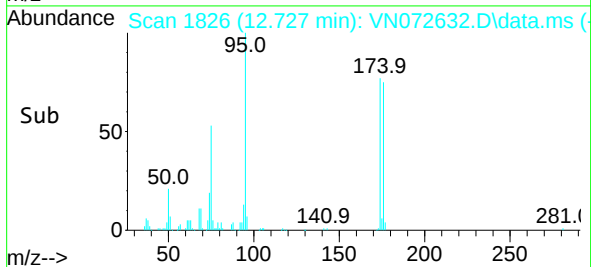
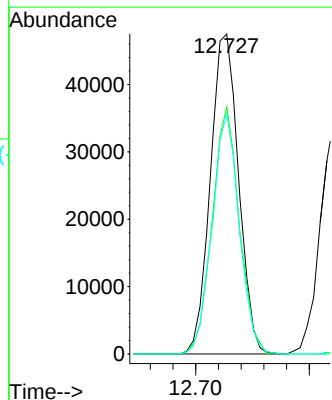
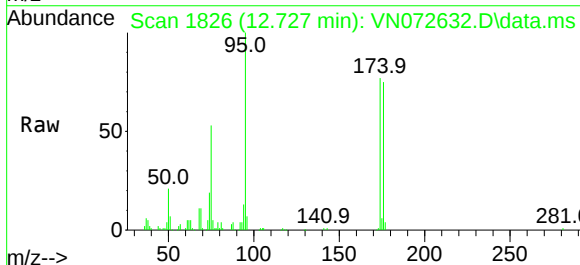
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

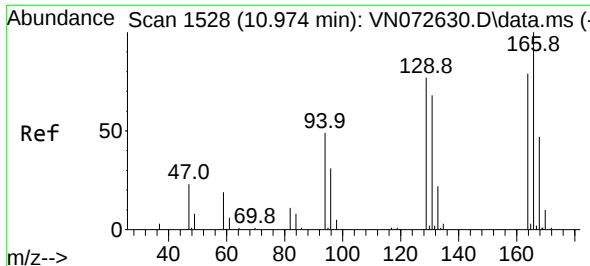
Tgt Ion: 43 Resp: 1695301  
Ion Ratio Lower Upper  
43 100  
58 53.4 42.2 63.2  
57 17.7 15.0 22.4



#60  
4-Bromofluorobenzene  
Concen: 28.485 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 95 Resp: 81948  
Ion Ratio Lower Upper  
95 100  
174 73.9 62.9 94.3  
176 72.0 61.0 91.4

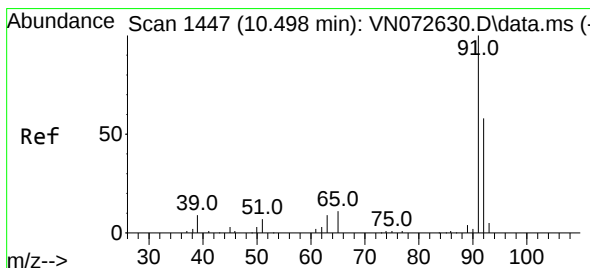
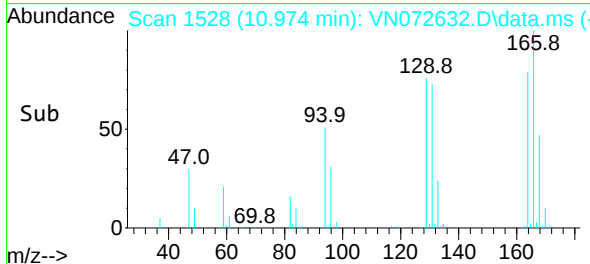
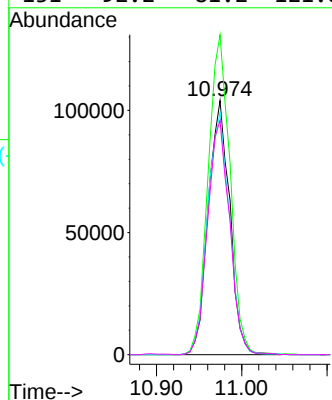
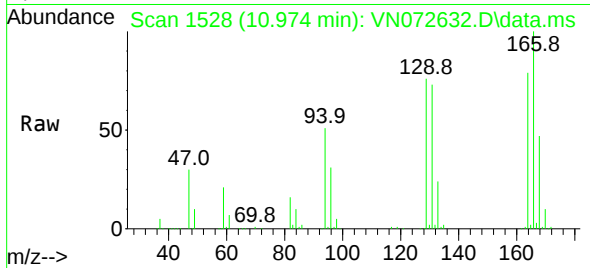




#61  
Tetrachloroethene  
Concen: 82.543 ug/l  
RT: 10.974 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

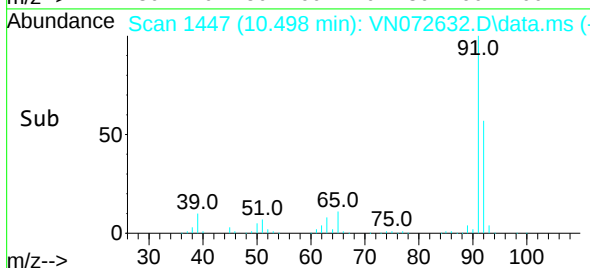
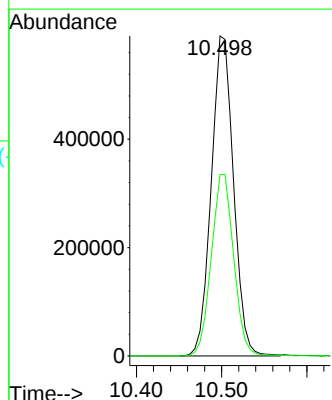
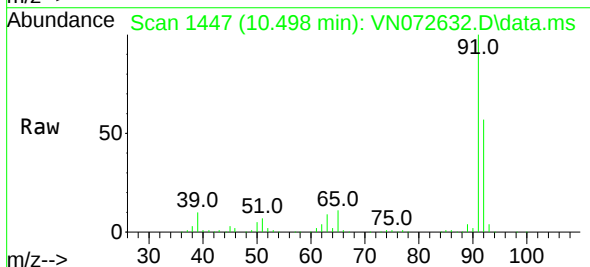
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

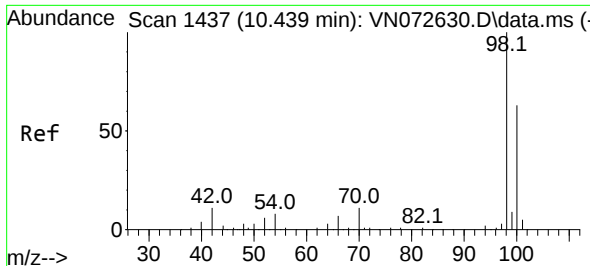
Tgt Ion:164 Resp: 182797  
Ion Ratio Lower Upper  
164 100  
166 126.0 105.8 158.8  
129 95.3 82.5 123.7  
131 92.2 81.2 121.8



#62  
Toluene  
Concen: 103.555 ug/l  
RT: 10.498 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 91 Resp: 1073538  
Ion Ratio Lower Upper  
91 100  
92 57.2 44.6 67.0

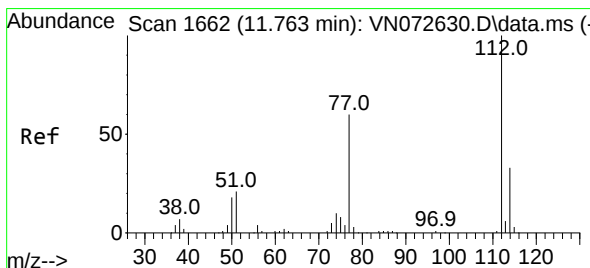
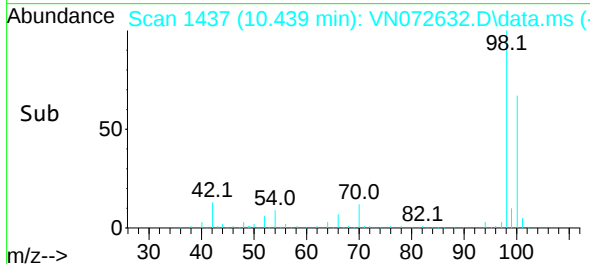
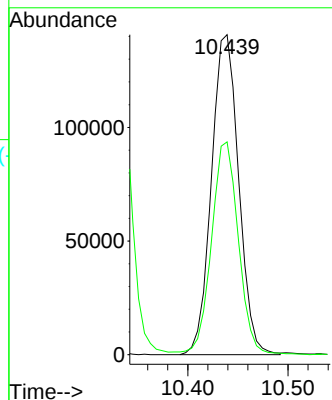
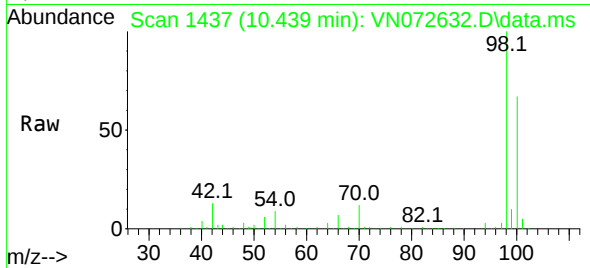




#63  
Toluene-d8  
Concen: 32.300 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

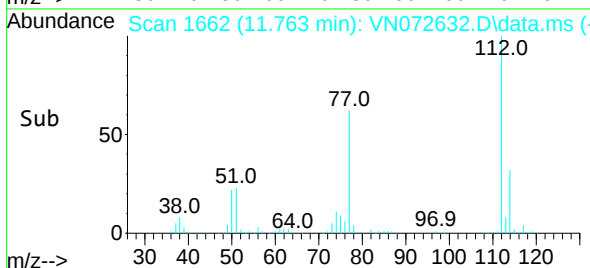
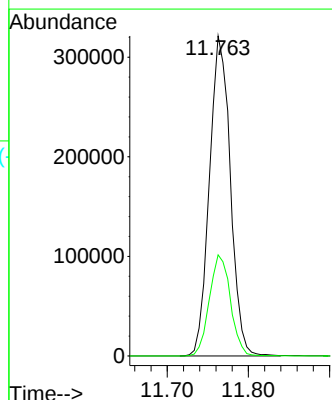
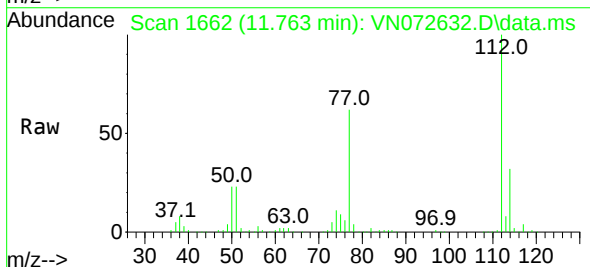
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

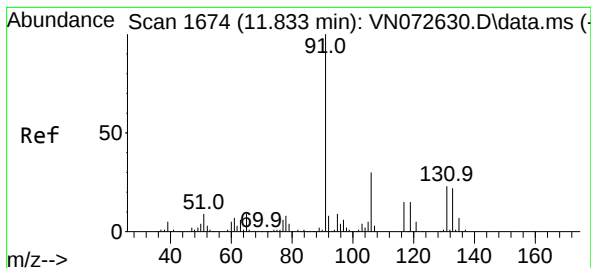
Tgt Ion: 98 Resp: 265643  
Ion Ratio Lower Upper  
98 100  
100 65.7 50.6 76.0



#64  
Chlorobenzene  
Concen: 90.122 ug/l  
RT: 11.763 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 112 Resp: 574589  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 101.149 ug/l

RT: 11.833 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

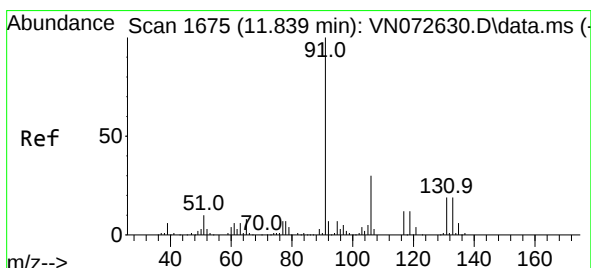
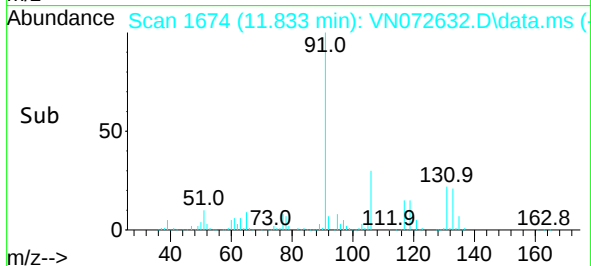
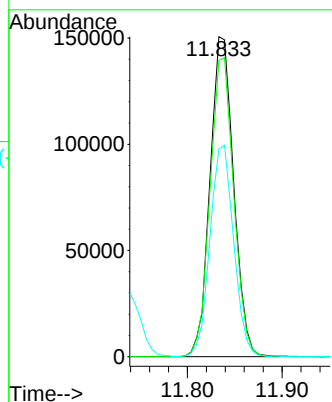
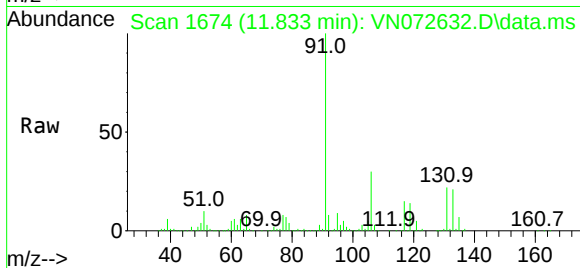
Tgt Ion:131 Resp: 261196

Ion Ratio Lower Upper

131 100

133 93.8 0.0 191.2

119 66.2 0.0 128.8



#66

Ethyl Benzene

Concen: 112.553 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN072632.D

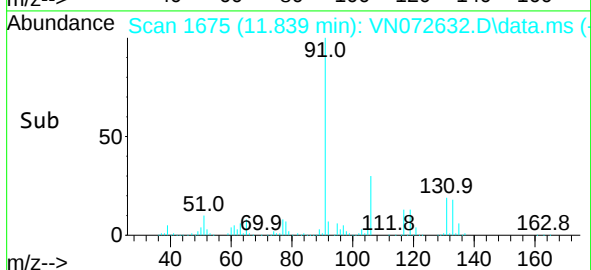
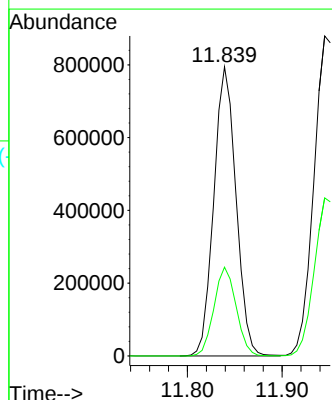
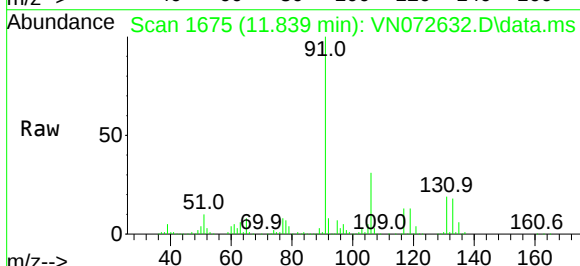
Acq: 26 May 2022 15:32

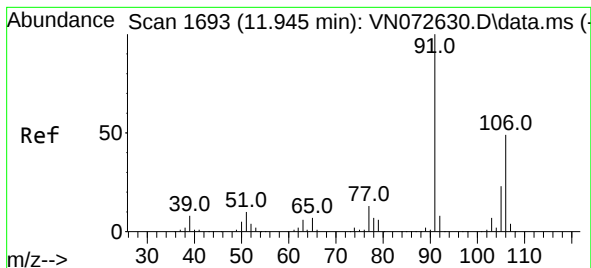
Tgt Ion: 91 Resp: 1293491

Ion Ratio Lower Upper

91 100

106 30.7 24.0 36.0

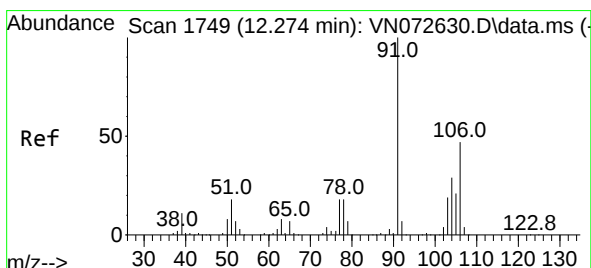
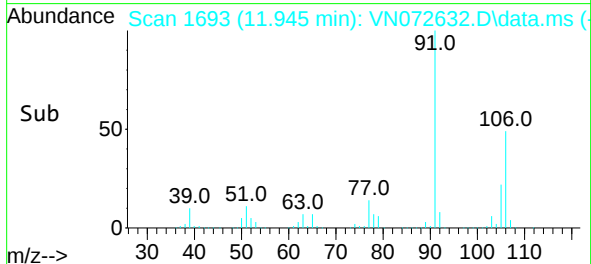
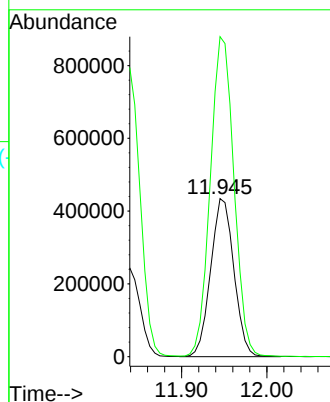
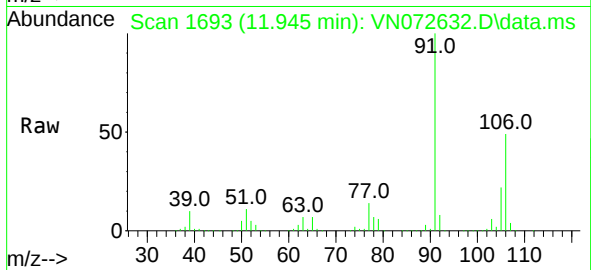




#67  
m/p-Xylenes  
Concen: 189.326 ug/l  
RT: 11.945 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

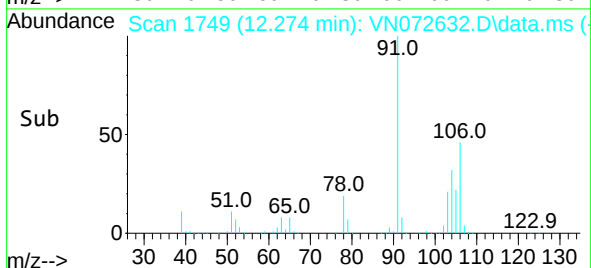
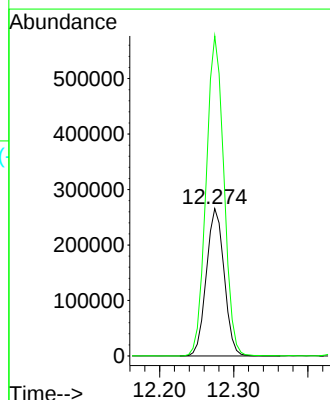
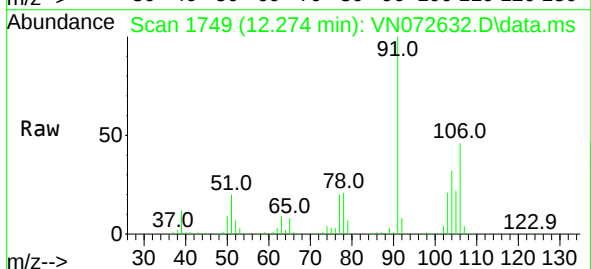
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

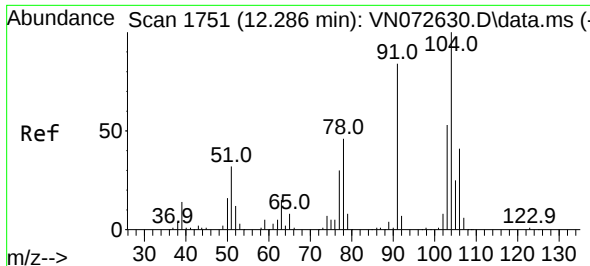
Tgt Ion:106 Resp: 824728  
Ion Ratio Lower Upper  
106 100  
91 205.4 162.9 244.3



#68  
o-Xylene  
Concen: 102.831 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion:106 Resp: 443607  
Ion Ratio Lower Upper  
106 100  
91 216.5 107.7 323.1

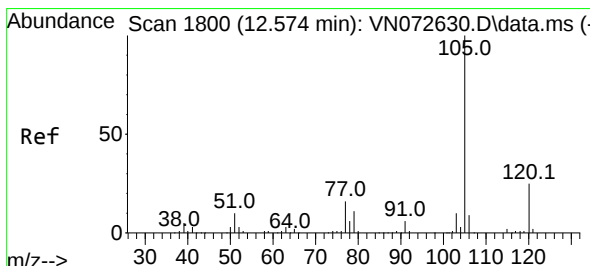
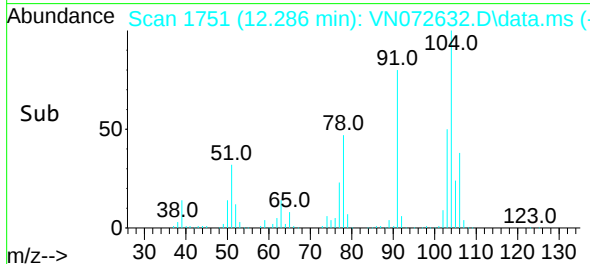
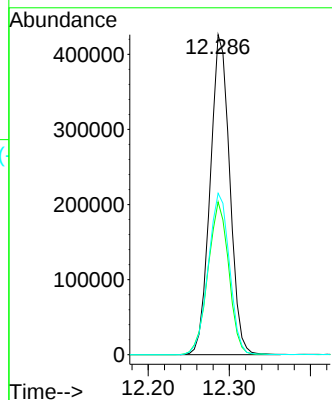
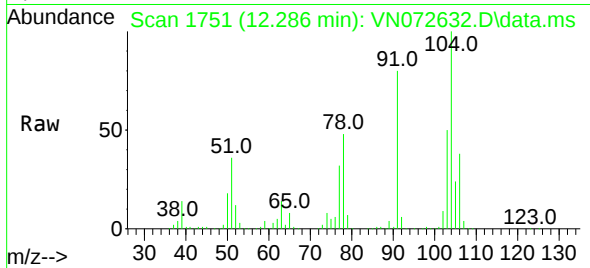




#69  
Styrene  
Concen: 104.160 ug/l  
RT: 12.286 min Scan# 1751  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

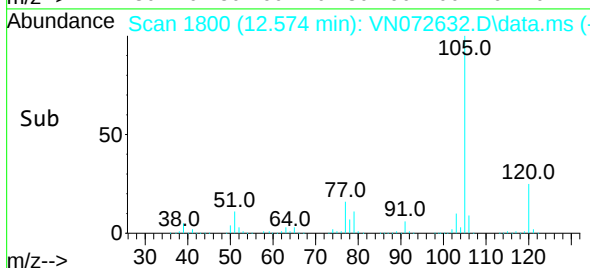
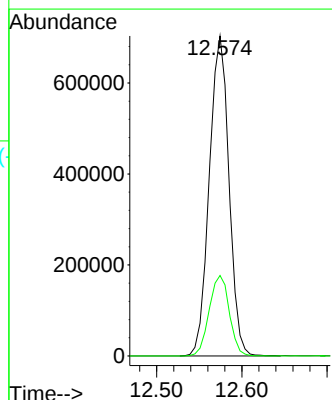
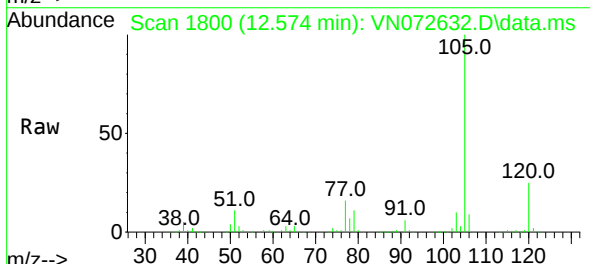
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

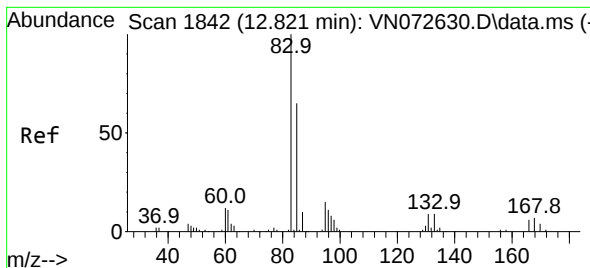
Tgt Ion:104 Resp: 713279  
Ion Ratio Lower Upper  
104 100  
78 50.7 40.7 61.1  
103 54.9 45.8 68.8



#70  
Isopropylbenzene  
Concen: 99.241 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion:105 Resp: 1127652  
Ion Ratio Lower Upper  
105 100  
120 25.7 18.3 34.1

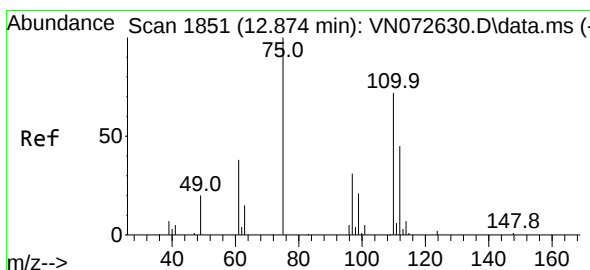
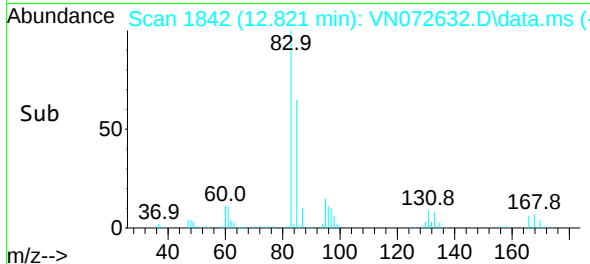
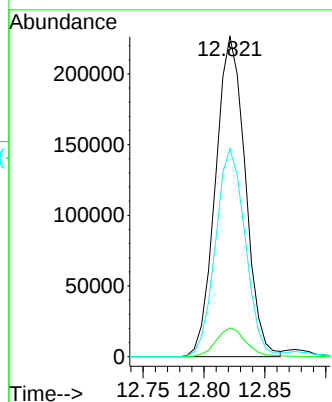
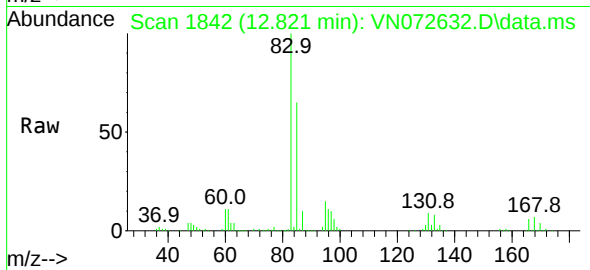




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 108.804 ug/l  
 RT: 12.821 min Scan# 1842  
 Delta R.T. 0.000 min  
 Lab File: VN072632.D  
 Acq: 26 May 2022 15:32

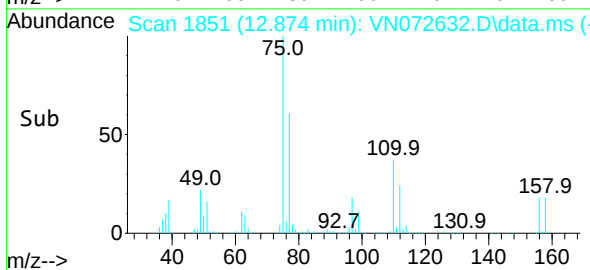
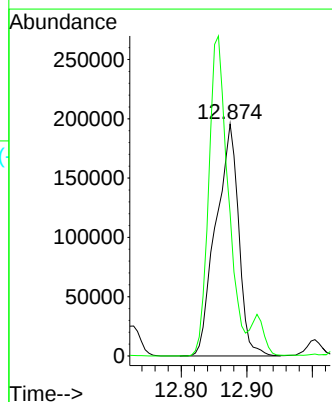
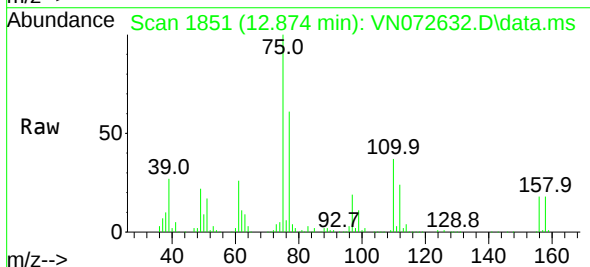
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

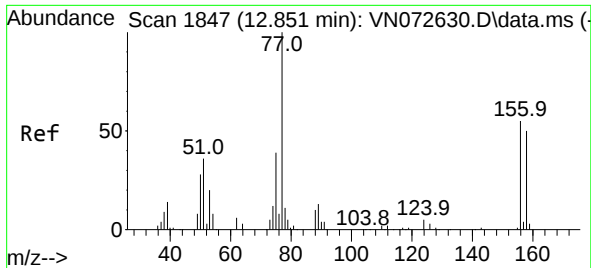
Tgt Ion: 83 Resp: 385221  
 Ion Ratio Lower Upper  
 83 100  
 131 9.0 5.1 15.3  
 85 64.8 33.1 99.2



#72  
 1,2,3-Trichloropropane  
 Concen: 145.045 ug/l  
 RT: 12.874 min Scan# 1851  
 Delta R.T. 0.000 min  
 Lab File: VN072632.D  
 Acq: 26 May 2022 15:32

Tgt Ion: 75 Resp: 472194  
 Ion Ratio Lower Upper  
 75 100  
 77 117.1 0.0 378.0

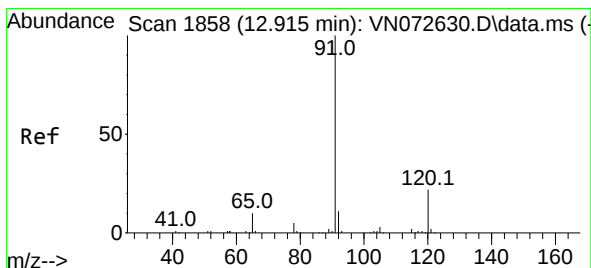
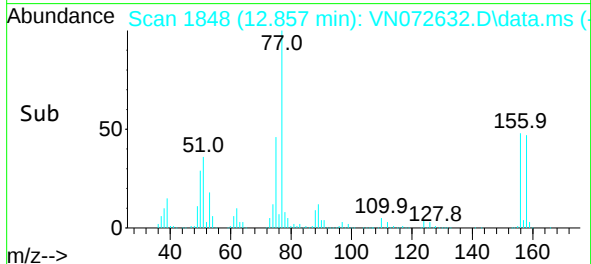
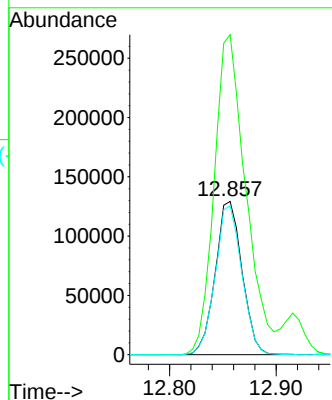
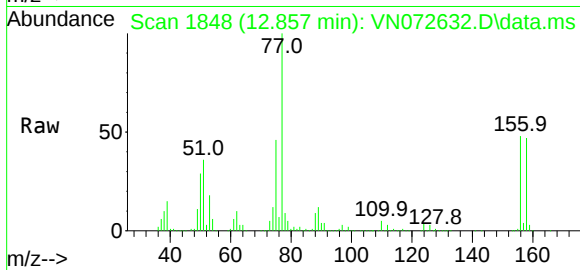




#73  
Bromobenzene  
Concen: 83.545 ug/l  
RT: 12.857 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

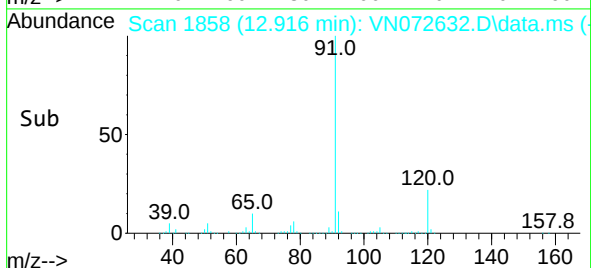
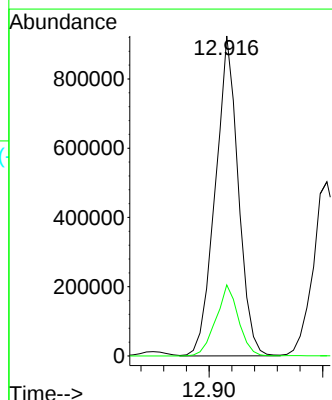
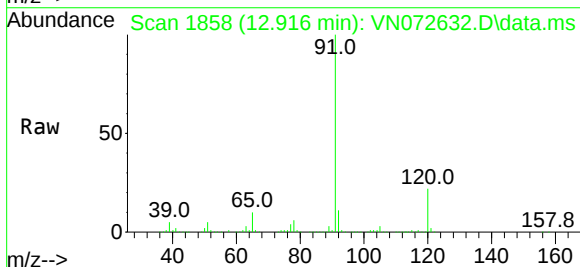
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

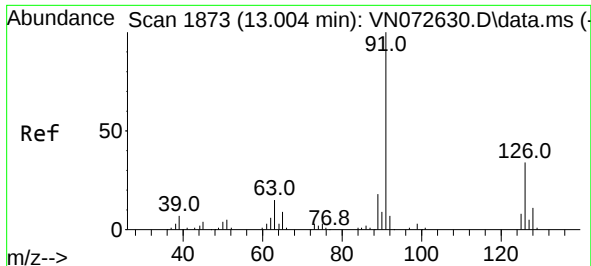
Tgt Ion:156 Resp: 225338  
Ion Ratio Lower Upper  
156 100  
77 245.3 0.0 416.0  
158 97.0 0.0 195.4



#74  
n-propylbenzene  
Concen: 103.485 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 91 Resp: 1296480  
Ion Ratio Lower Upper  
91 100  
120 21.6 0.0 45.0

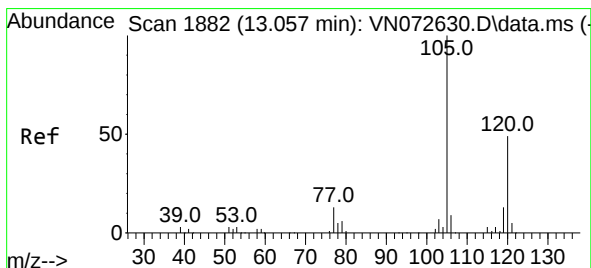
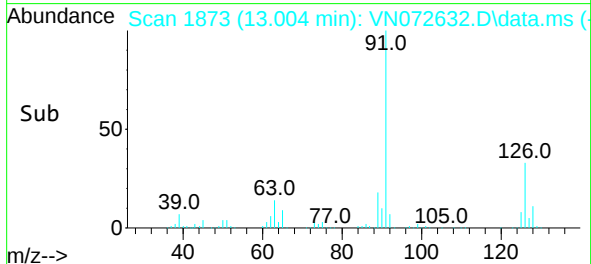
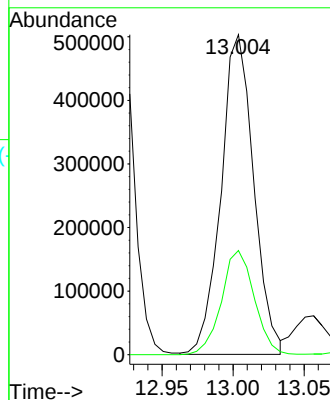
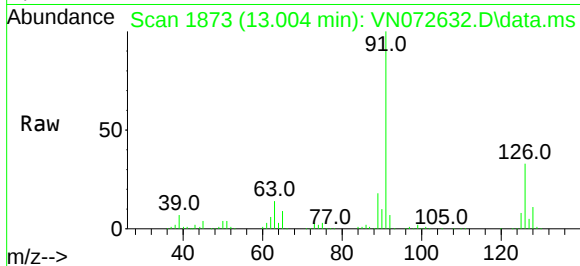




#75  
2-Chlorotoluene  
Concen: 101.650 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

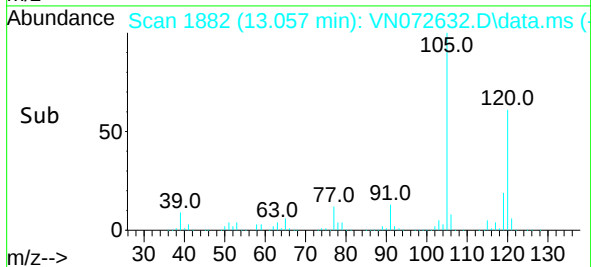
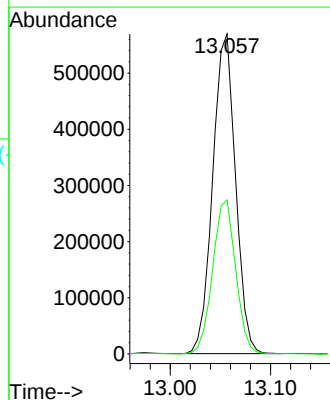
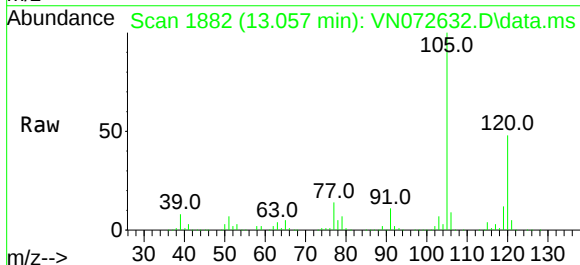
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

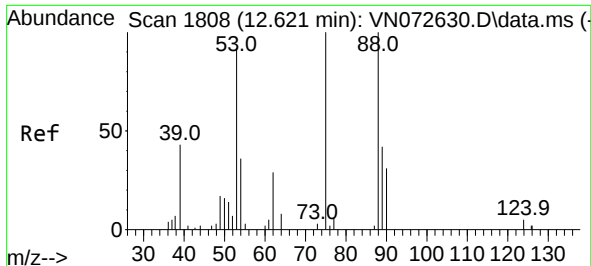
Tgt Ion: 91 Resp: 806011  
Ion Ratio Lower Upper  
91 100  
126 32.7 0.0 69.8



#76  
1,3,5-Trimethylbenzene  
Concen: 94.177 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 105 Resp: 899118  
Ion Ratio Lower Upper  
105 100  
120 48.7 0.0 93.8

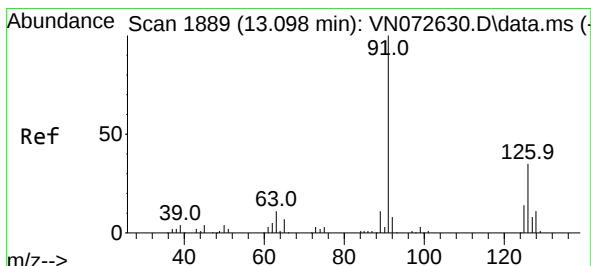
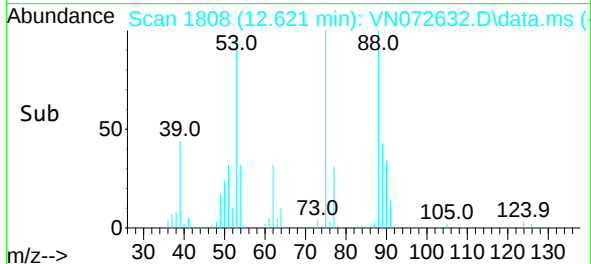
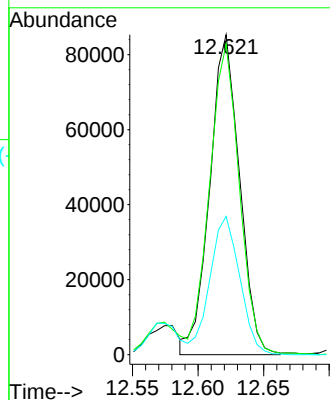
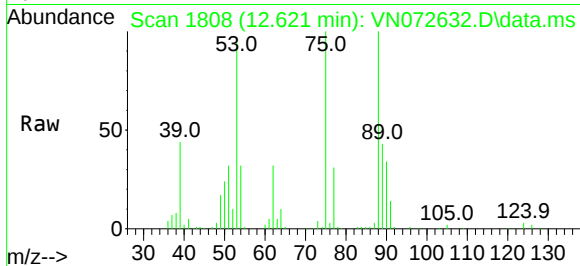




#77  
t-1,4-Dichloro-2-butene  
Concen: 119.497 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

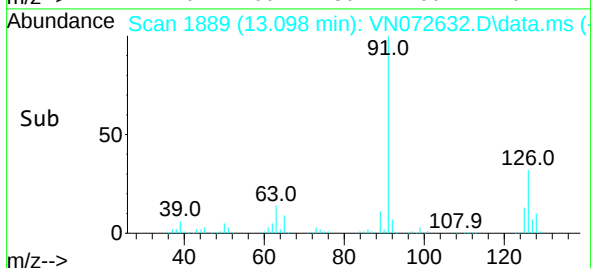
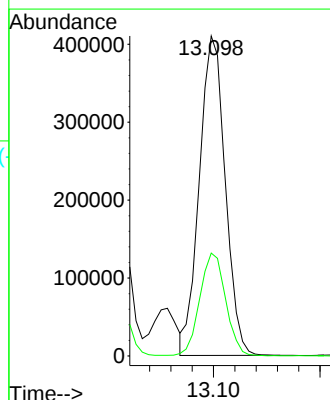
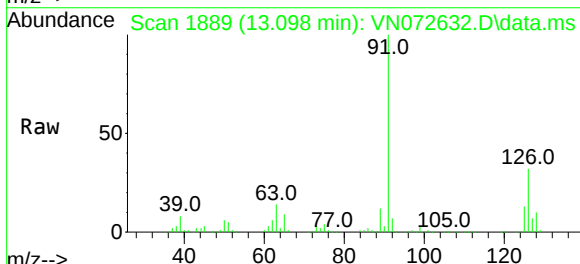
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

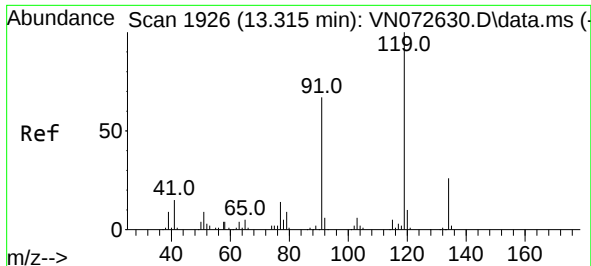
Tgt Ion: 75 Resp: 134646  
Ion Ratio Lower Upper  
75 100  
53 97.1 51.8 155.5  
89 43.3 22.9 68.7



#78  
4-Chlorotoluene  
Concen: 92.793 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 91 Resp: 691938  
Ion Ratio Lower Upper  
91 100  
126 32.3 0.0 70.6





#79

tert-butylbenzene

Concen: 88.987 ug/l

RT: 13.321 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

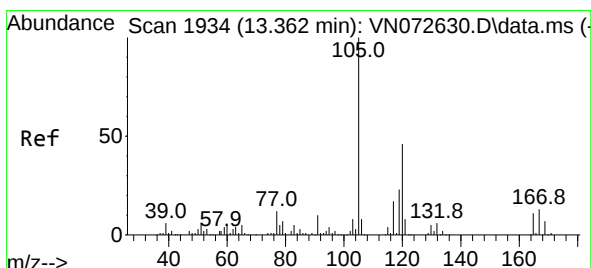
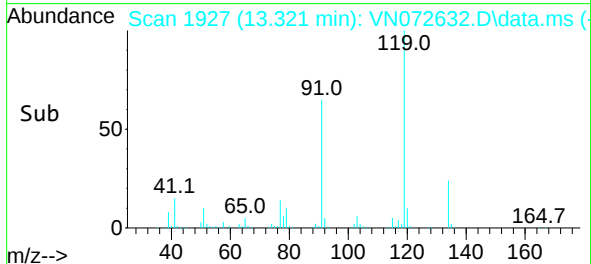
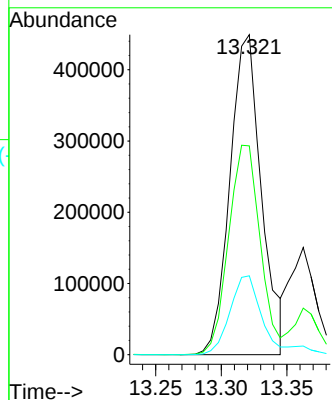
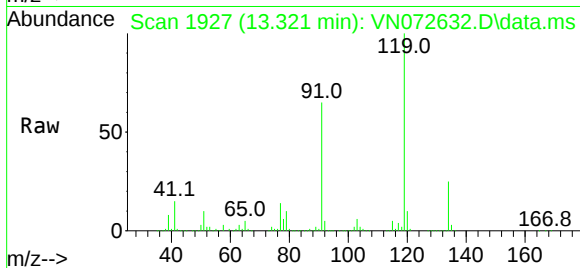
Tgt Ion:119 Resp: 750631

Ion Ratio Lower Upper

119 100

91 65.9 0.0 137.0

134 24.1 0.0 47.6



#80

1,2,4-Trimethylbenzene

Concen: 135.986 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.135 min

Lab File: VN072632.D

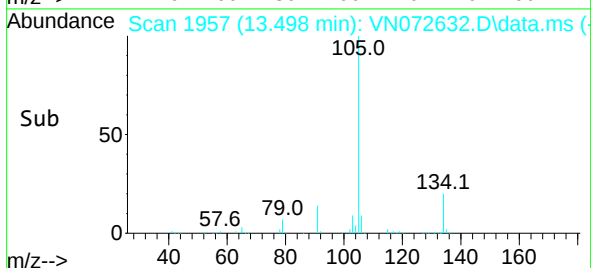
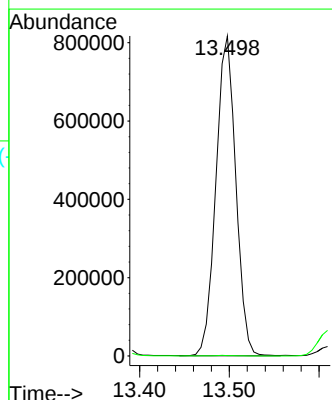
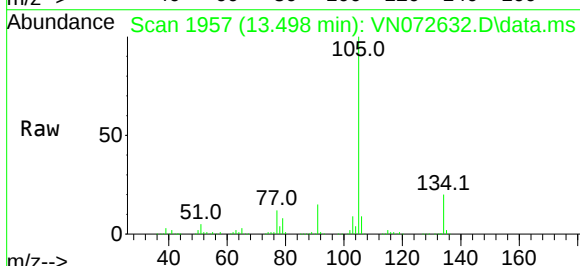
Acq: 26 May 2022 15:32

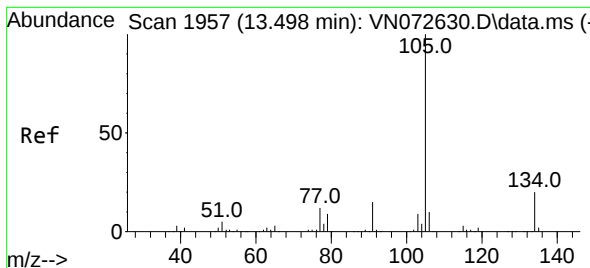
Tgt Ion:105 Resp: 1255709

Ion Ratio Lower Upper

105 100

120 0.2 0.0 0.2





#81

sec-Butylbenzene

Concen: 111.390 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

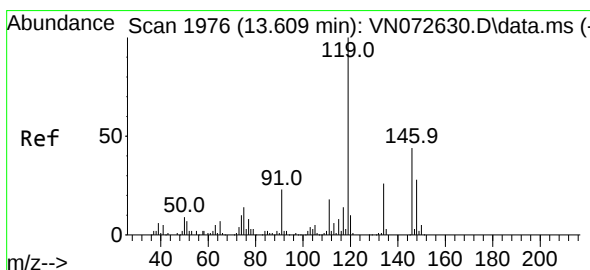
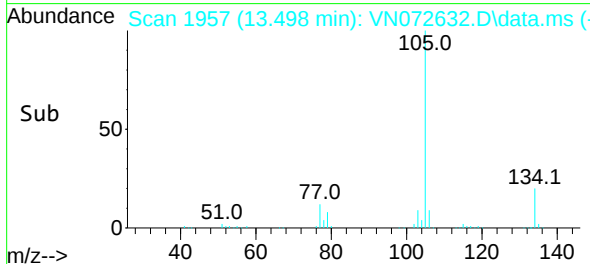
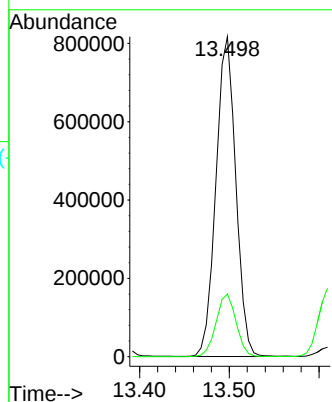
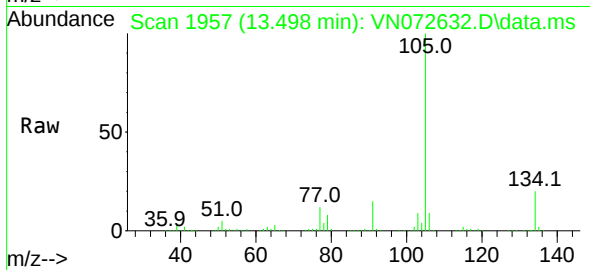
VSTDIC100

Tgt Ion:105 Resp: 1255709

Ion Ratio Lower Upper

105 100

134 19.7 0.0 39.4



#82

p-Isopropyltoluene

Concen: 107.684 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

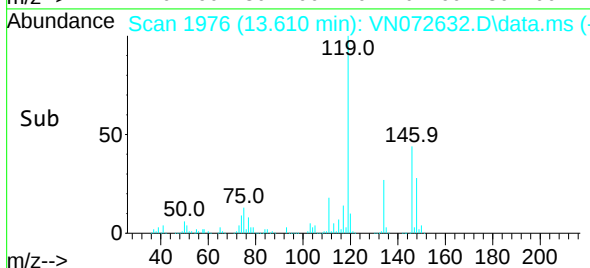
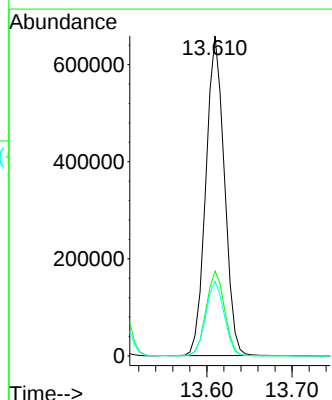
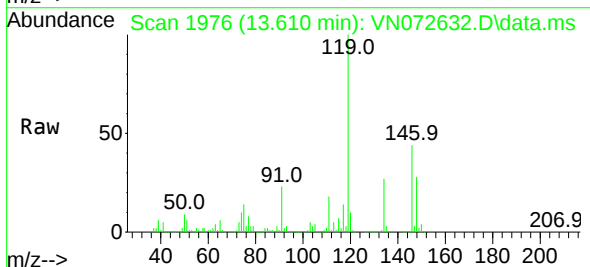
Tgt Ion:119 Resp: 992459

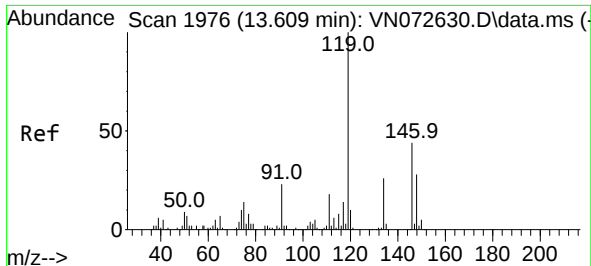
Ion Ratio Lower Upper

119 100

134 26.6 0.0 51.8

91 23.3 0.0 50.4

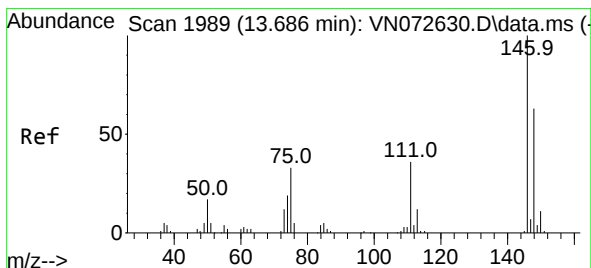
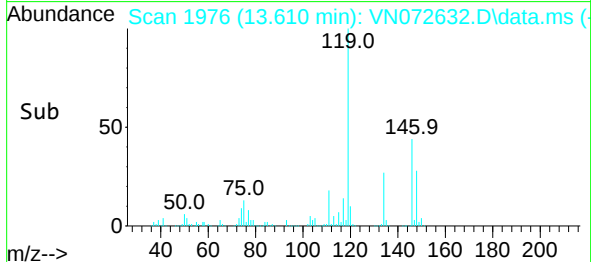
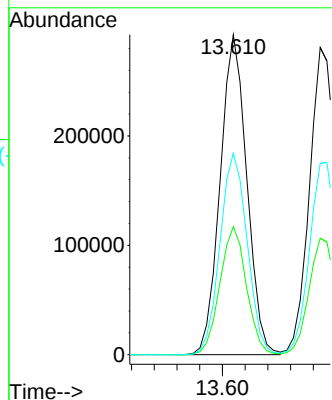
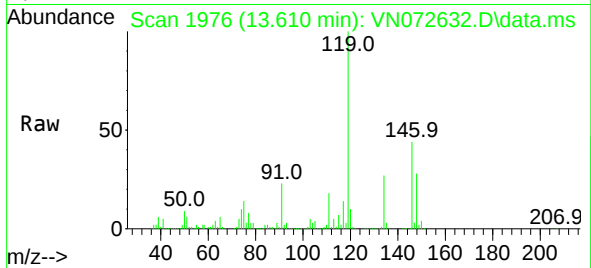




#83  
1,3-Dichlorobenzene  
Concen: 103.939 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

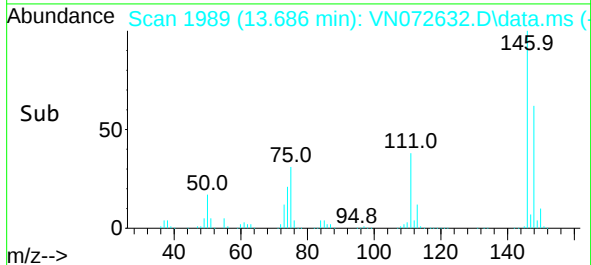
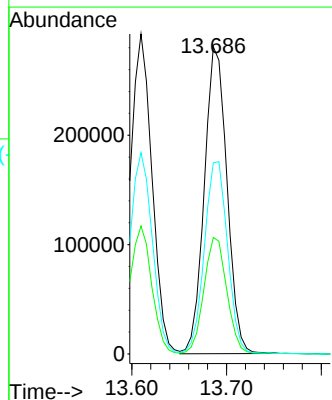
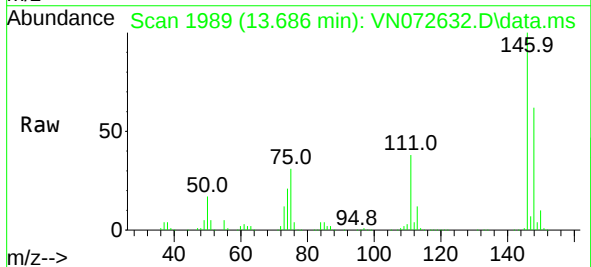
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

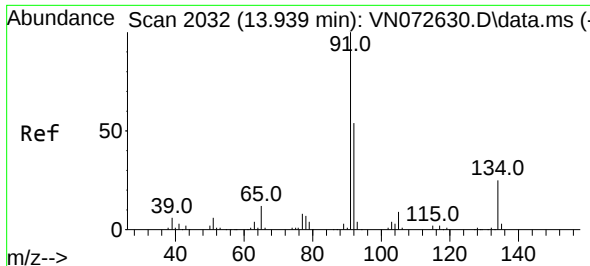
Tgt Ion:146 Resp: 476909  
Ion Ratio Lower Upper  
146 100  
111 39.9 20.8 62.2  
148 64.2 31.4 94.3



#84  
1,4-Dichlorobenzene  
Concen: 104.414 ug/l  
RT: 13.686 min Scan# 1989  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion:146 Resp: 466488  
Ion Ratio Lower Upper  
146 100  
111 38.3 19.5 58.5  
148 63.8 31.1 93.5

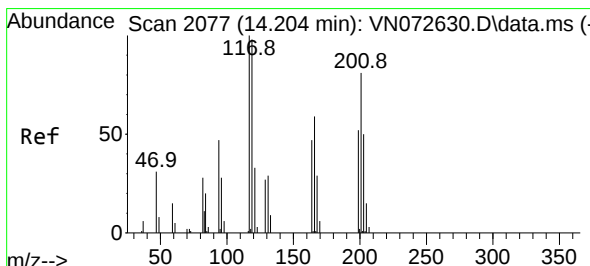
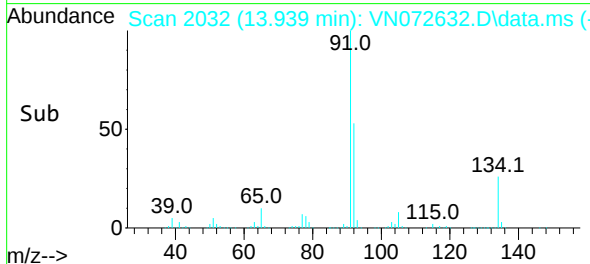
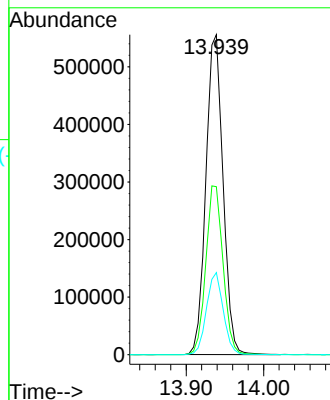
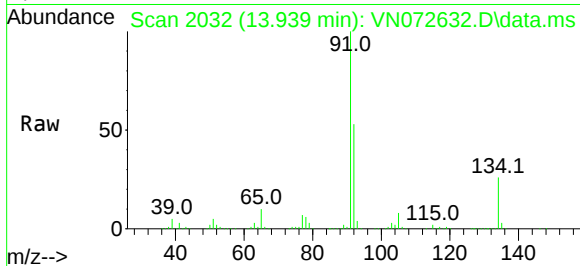




#85  
n-Butylbenzene  
Concen: 122.191 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

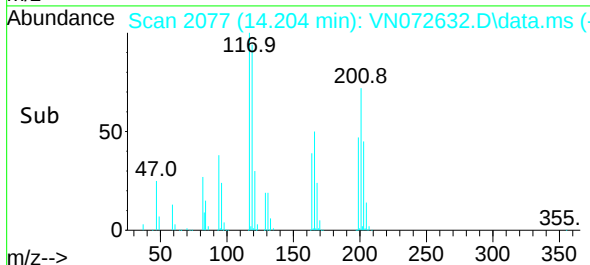
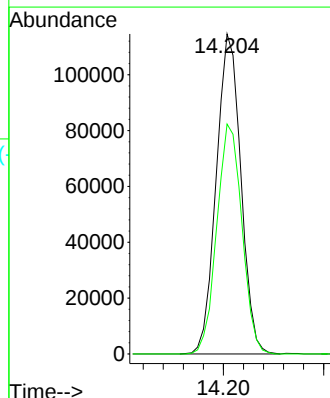
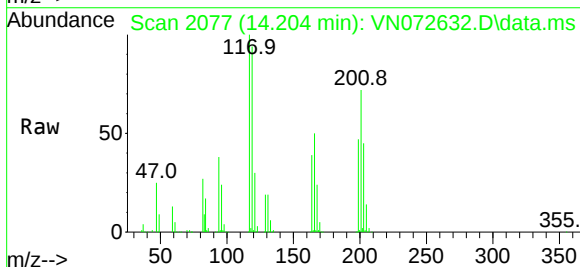
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

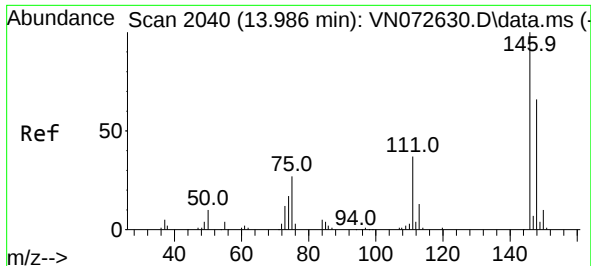
Tgt Ion: 91 Resp: 853901  
Ion Ratio Lower Upper  
91 100  
92 53.1 0.0 100.6  
134 25.2 0.0 50.2



#86  
Hexachloroethane  
Concen: 112.171 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion: 117 Resp: 194802  
Ion Ratio Lower Upper  
117 100  
201 73.4 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 102.199 ug/l

RT: 13.980 min Scan# 2040

Delta R.T. -0.006 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

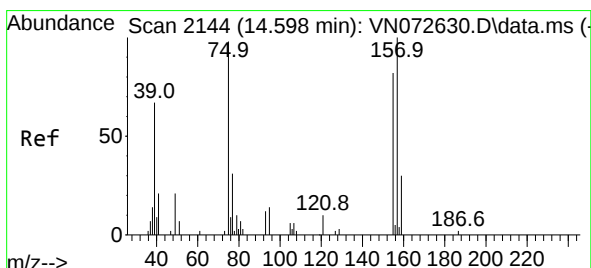
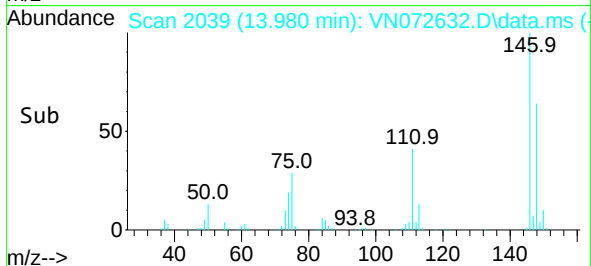
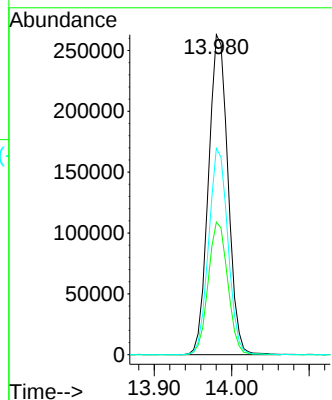
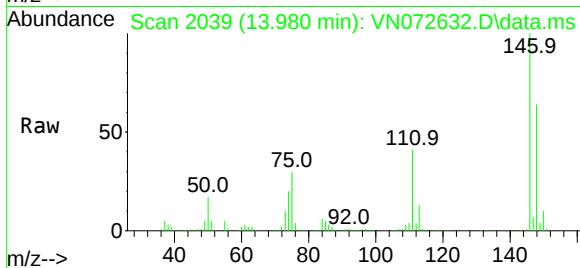
Tgt Ion:146 Resp: 459906

Ion Ratio Lower Upper

146 100

111 41.4 21.4 64.2

148 63.5 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 105.109 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

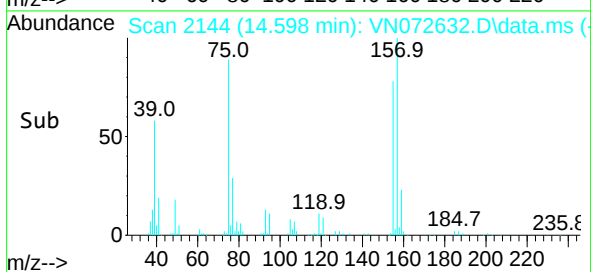
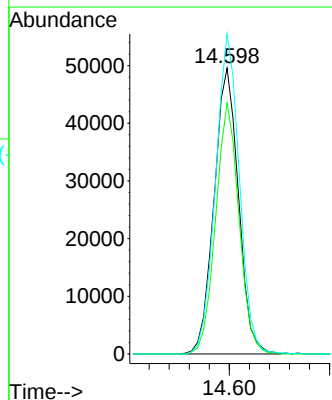
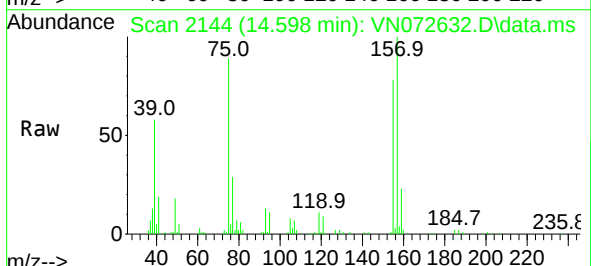
Tgt Ion: 75 Resp: 83763

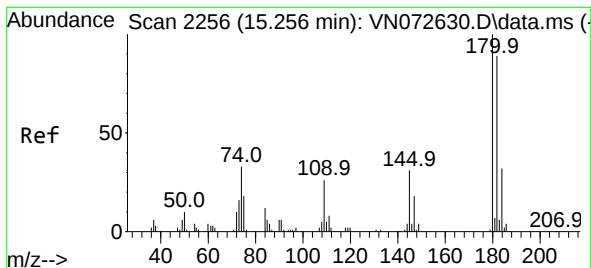
Ion Ratio Lower Upper

75 100

155 83.8 63.8 95.8

157 109.4 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 120.856 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

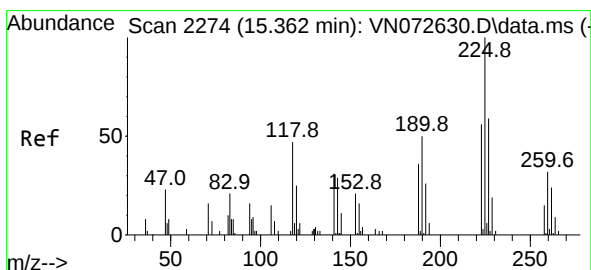
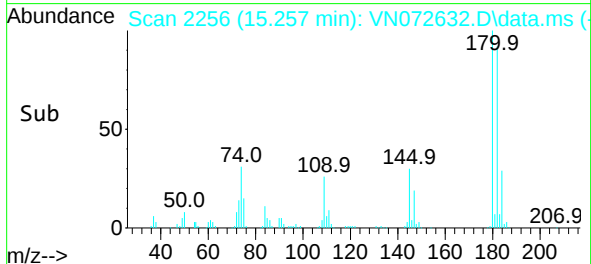
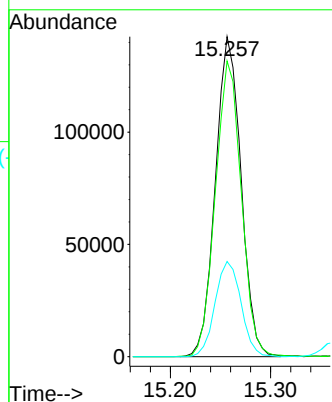
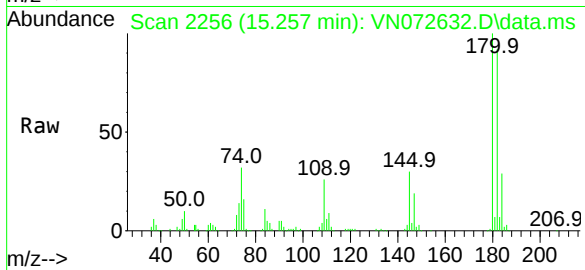
Tgt Ion:180 Resp: 253402

Ion Ratio Lower Upper

180 100

182 93.6 77.7 116.5

145 30.1 26.6 39.8



#90

Hexachlorobutadiene

Concen: 93.419 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

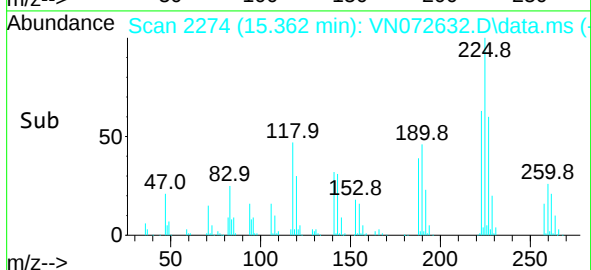
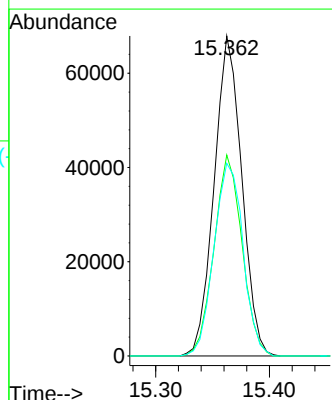
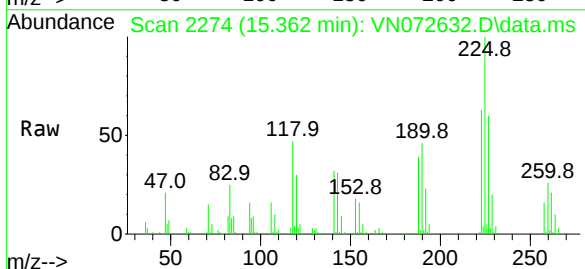
Tgt Ion:225 Resp: 114789

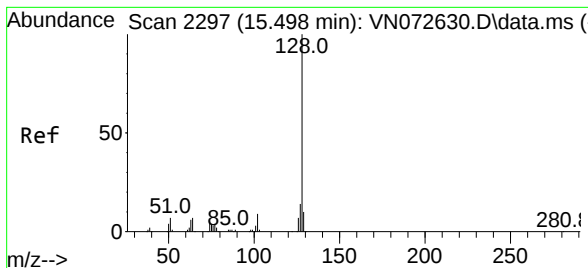
Ion Ratio Lower Upper

225 100

223 63.6 0.0 126.8

227 63.4 0.0 123.0

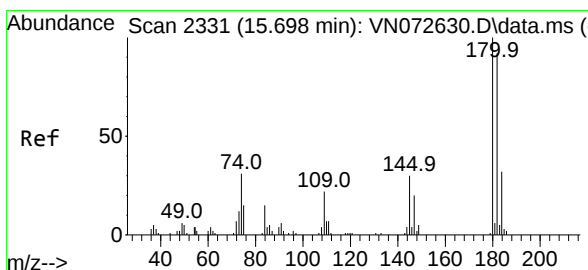
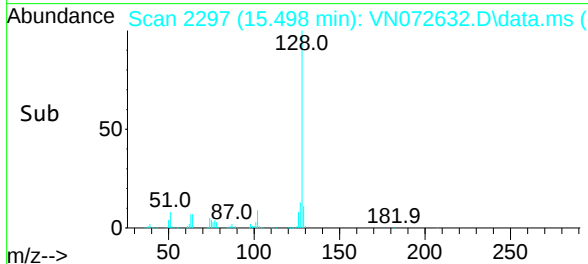
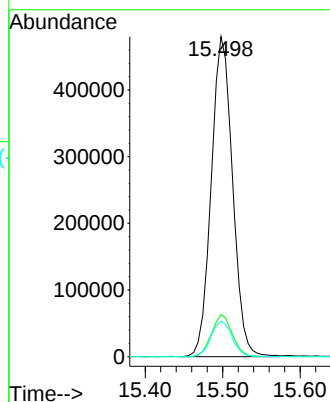
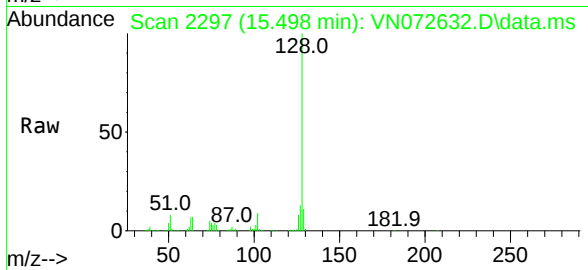




#91  
Naphthalene  
Concen: 141.168 ug/l  
RT: 15.498 min Scan# 2297  
Delta R.T. 0.000 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:128 Resp: 918856  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.7 16.1  
129 11.0 9.0 13.6



#92  
1,2,3-Trichlorobenzene  
Concen: 118.234 ug/l  
RT: 15.692 min Scan# 2330  
Delta R.T. -0.006 min  
Lab File: VN072632.D  
Acq: 26 May 2022 15:32

Tgt Ion:180 Resp: 251784  
Ion Ratio Lower Upper  
180 100  
182 93.7 0.0 190.0  
145 32.2 0.0 67.8

