

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102622\  
 Data File : VN075018.D  
 Acq On : 26 Oct 2022 11:49  
 Operator : JC\MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

Quant Time: Oct 27 06:08:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 06:06:29 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 99512    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 182488   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.871 | 117   | 168096   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 79639    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582  | 65    | 27153    | 20.251   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 40.500%# |
| 35) Dibromofluoromethane     | 8.171  | 113   | 20545    | 19.178   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 38.360%# |
| 50) Toluene-d8               | 10.571 | 98    | 79818    | 19.204   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 38.400%# |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 27255    | 18.667   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 37.340%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142  | 85    | 27067    | 20.909   | ug/l   | 97       |
| 3) Chloromethane             | 2.377  | 50    | 31126    | 22.637   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.524  | 62    | 41314    | 21.061   | ug/l   | 97       |
| 5) Bromomethane              | 2.942  | 94    | 32545    | 20.244   | ug/l   | 93       |
| 6) Chloroethane              | 3.118  | 64    | 30284    | 21.530   | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 3.500  | 101   | 40571    | 20.246   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.971  | 74    | 14688    | 20.096   | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 4.389  | 101   | 22783    | 20.587   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.600  | 142   | 34214    | 20.767   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.536  | 59    | 31946    | 102.168  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.353  | 96    | 21978    | 20.835   | ug/l   | 98       |
| 13) Acrolein                 | 4.189  | 56    | 27448    | 107.321  | ug/l   | 98       |
| 14) Allyl chloride           | 5.036  | 41    | 32558    | 21.133   | ug/l   | 97       |
| 15) Acrylonitrile            | 5.736  | 53    | 69255    | 104.850  | ug/l   | 99       |
| 16) Acetone                  | 4.442  | 43    | 60337    | 106.277  | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.730  | 76    | 54162    | 20.418   | ug/l   | 99       |
| 18) Methyl Acetate           | 5.036  | 43    | 39907    | 21.519   | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.818  | 73    | 79203    | 20.202   | ug/l   | 98       |
| 20) Methylene Chloride       | 5.283  | 84    | 26340    | 20.808   | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 5.800  | 96    | 22570    | 19.542   | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.683  | 45    | 68987    | 20.291   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.618  | 43    | 260159   | 98.511   | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.577  | 63    | 43644    | 20.297   | ug/l   | 98       |
| 25) 2-Butanone               | 7.494  | 43    | 95475    | 106.917  | ug/l   | 94       |
| 26) 2,2-Dichloropropane      | 7.506  | 77    | 39789    | 20.114   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.494  | 96    | 26918    | 19.516   | ug/l   | 97       |
| 28) Bromochloromethane       | 7.824  | 49    | 18469    | 20.375   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.847  | 42    | 60412    | 104.693  | ug/l   | 98       |
| 30) Chloroform               | 7.977  | 83    | 46364    | 19.859   | ug/l   | 99       |
| 31) Cyclohexane              | 8.265  | 56    | 39192    | 19.653   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 8.177  | 97    | 41976    | 19.799   | ug/l   | 93       |
| 36) 1,1-Dichloropropene      | 8.377  | 75    | 33933    | 20.459   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.571  | 43    | 36531    | 20.084   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.371  | 117   | 35975    | 19.719   | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.606  | 83    | 44311    | 20.237   | ug/l   | 96       |
| 40) Benzene                  | 8.612  | 78    | 103488   | 20.379   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102622\  
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 Operator : JC\MD  
 Sample : VSTDICC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC020

Quant Time: Oct 27 06:08:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 06:06:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.794  | 41   | 17533    | 20.120  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 38098    | 20.621  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 59733    | 21.172  | ug/l   | 99       |
| 44) Trichloroethene           | 9.359  | 130  | 25772    | 20.228  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 24586    | 20.344  | ug/l   | 98       |
| 46) Dibromomethane            | 9.712  | 93   | 19298    | 20.496  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.888  | 83   | 35873    | 19.674  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.682  | 41   | 27060    | 20.909  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 14750    | 435.230 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 190942   | 104.877 | ug/l   | 99       |
| 52) Toluene                   | 10.635 | 92   | 66349    | 19.545  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 38341    | 19.922  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 40866    | 20.020  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 25884    | 19.230  | ug/l # | 83       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 41173    | 20.053  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 44739    | 19.959  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 79089    | 99.640  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.200 | 43   | 145044   | 104.967 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.365 | 129  | 27267    | 19.201  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 27304    | 19.794  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 21041    | 20.417  | ug/l   | 90       |
| 65) Chlorobenzene             | 11.894 | 112  | 71087    | 19.812  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 25984    | 19.522  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 128401   | 19.890  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 103322   | 39.889  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 50085    | 19.552  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 81407    | 19.931  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 18696    | 18.761  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.700 | 105  | 129128   | 20.197  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 50160    | 21.212  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 43961    | 21.079  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 54683    | 29.023  | ug/l   | 74       |
| 77) Bromobenzene              | 12.982 | 156  | 27797    | 19.745  | ug/l   | 93       |
| 78) n-propylbenzene           | 13.041 | 91   | 148195   | 20.645  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 91907    | 20.953  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 109003   | 20.298  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 12956    | 19.668  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 91907    | 20.953  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 97738    | 20.483  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 112880   | 20.775  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 136447   | 20.441  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 114133   | 20.703  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 53966    | 19.579  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 54437    | 19.956  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 88871    | 20.019  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 20212    | 19.997  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 54134    | 19.755  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 8734     | 20.252  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 22130    | 18.767  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 11685    | 20.327  | ug/l   | 96       |
| 95) Naphthalene               | 15.641 | 128  | 88734    | 19.568  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 22968    | 19.603  | ug/l   | 99       |

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Acq On : 26 Oct 2022 11:49  
Operator : JC\MD  
Sample : VSTDICC020  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

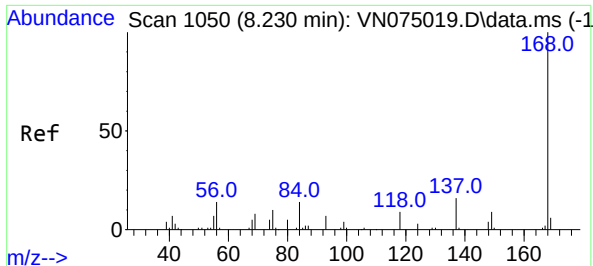
Quant Time: Oct 27 06:08:00 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 27 06:06:29 2022  
Response via : Initial Calibration

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

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

Quant Time: Oct 27 06:08:00 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 27 06:06:29 2022  
Response via : Initial Calibration

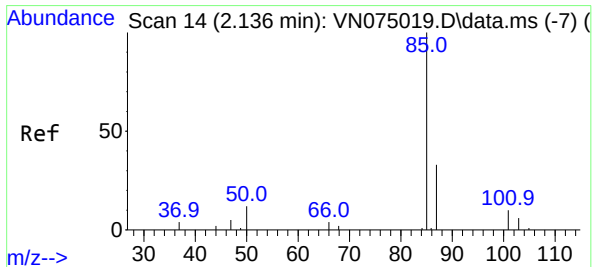
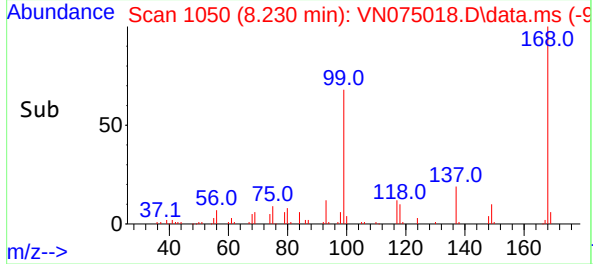
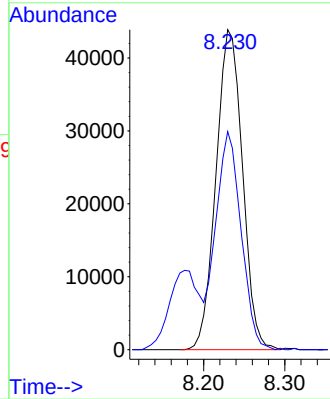
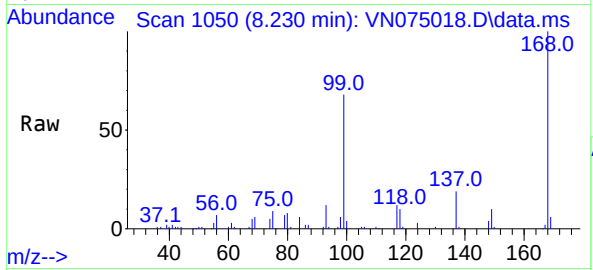




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

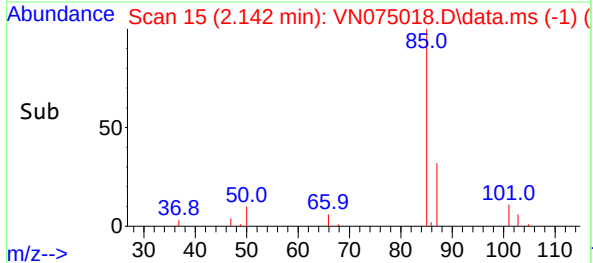
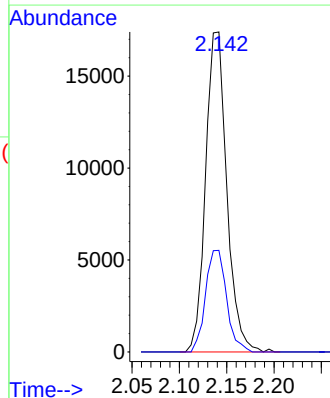
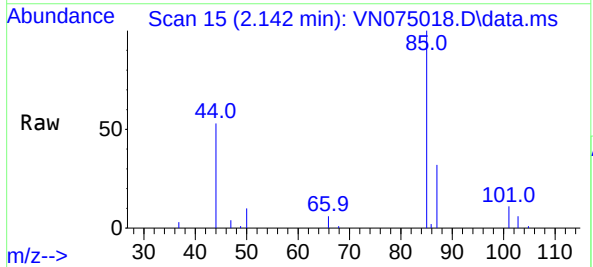
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

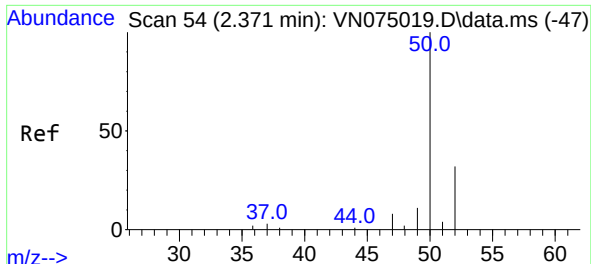
Tgt Ion:168 Resp: 99512  
Ion Ratio Lower Upper  
168 100  
99 67.7 51.6 77.4



#2  
Dichlorodifluoromethane  
Concen: 20.909 ug/l  
RT: 2.142 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 85 Resp: 27067  
Ion Ratio Lower Upper  
85 100  
87 31.8 16.7 50.0

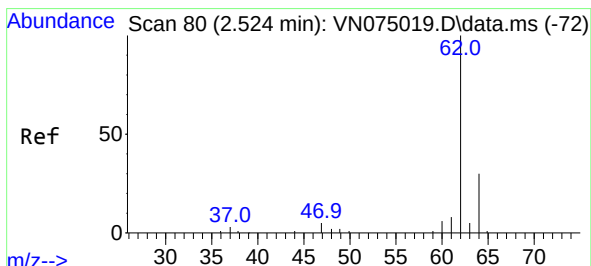
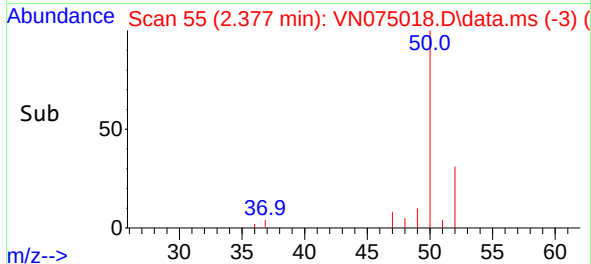
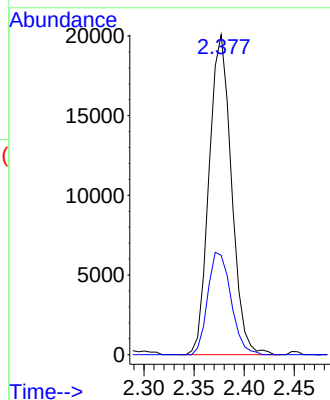
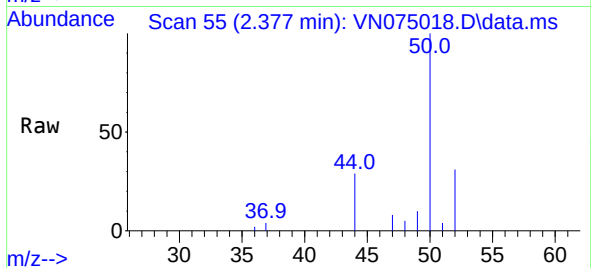




#3  
Chloromethane  
Concen: 22.637 ug/l  
RT: 2.377 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

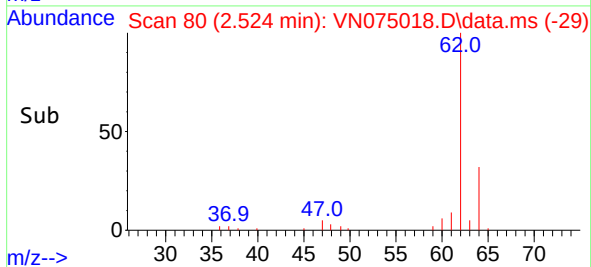
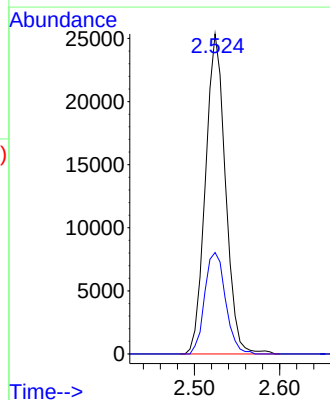
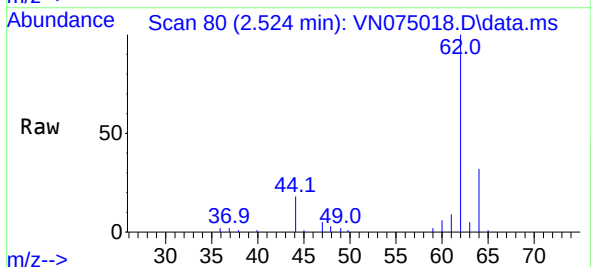
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

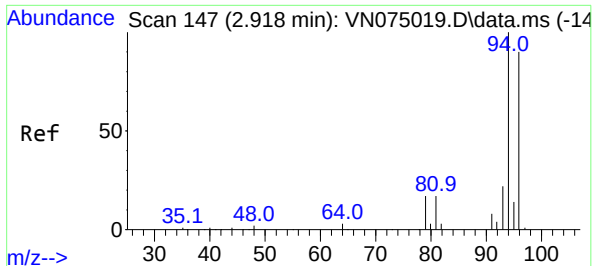
Tgt Ion: 50 Resp: 31126  
Ion Ratio Lower Upper  
50 100  
52 31.0 25.8 38.6



#4  
Vinyl Chloride  
Concen: 21.061 ug/l  
RT: 2.524 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 62 Resp: 41314  
Ion Ratio Lower Upper  
62 100  
64 31.7 24.0 36.0

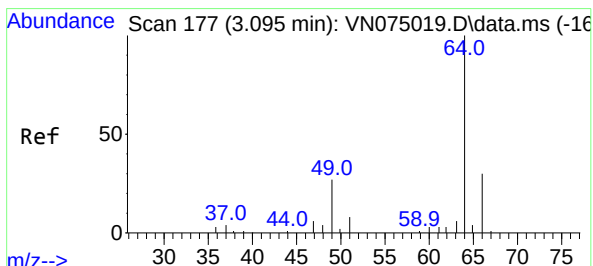
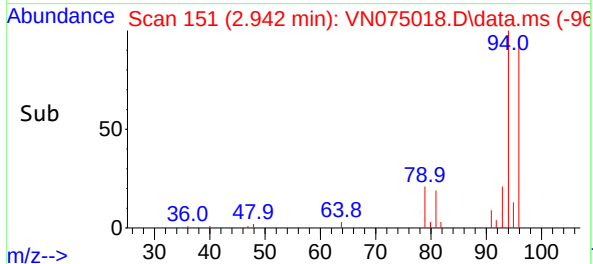
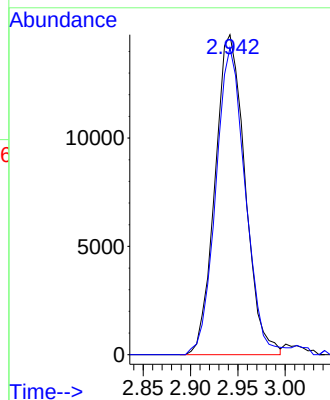
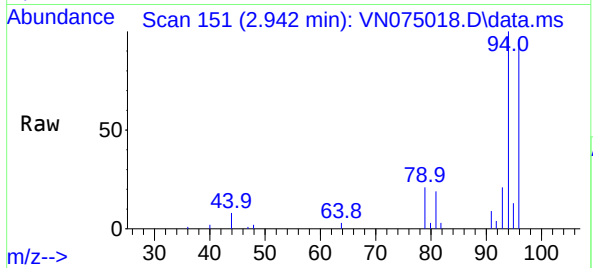




#5  
Bromomethane  
Concen: 20.244 ug/l  
RT: 2.942 min Scan# 11  
Delta R.T. 0.023 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

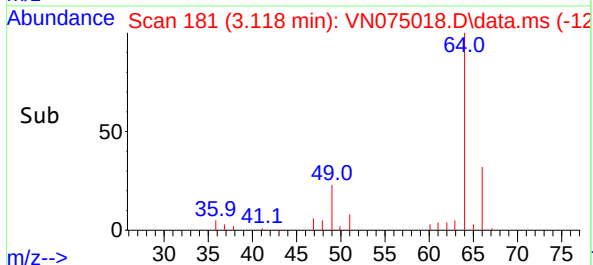
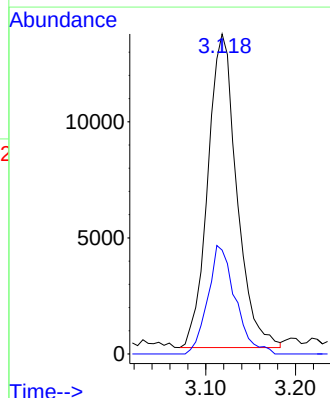
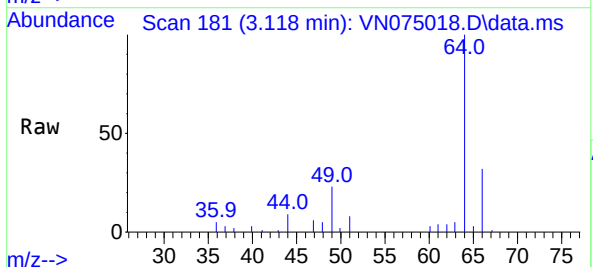
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

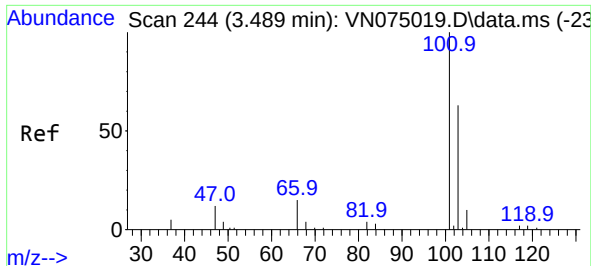
Tgt Ion: 94 Resp: 32545  
Ion Ratio Lower Upper  
94 100  
96 95.9 71.8 107.6



#6  
Chloroethane  
Concen: 21.530 ug/l  
RT: 3.118 min Scan# 181  
Delta R.T. 0.023 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 64 Resp: 30284  
Ion Ratio Lower Upper  
64 100  
66 33.1 23.8 35.8

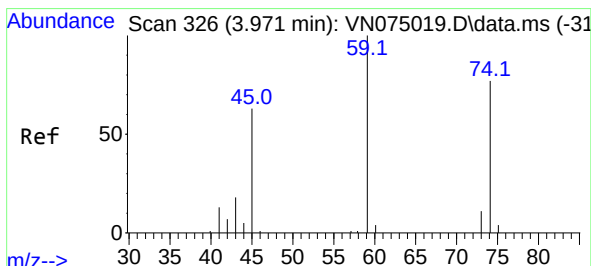
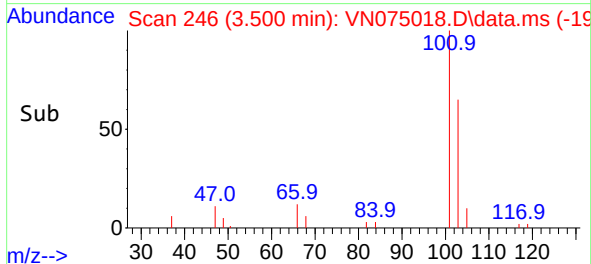
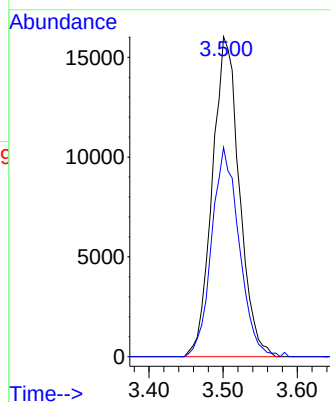
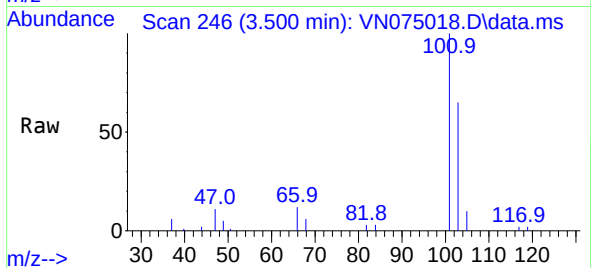




#7  
Trichlorofluoromethane  
Concen: 20.246 ug/l  
RT: 3.500 min Scan# 244  
Delta R.T. 0.012 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

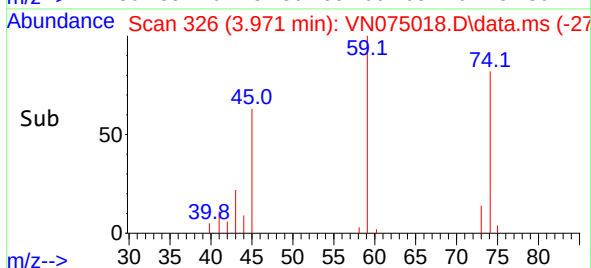
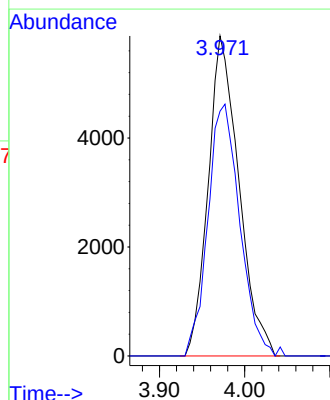
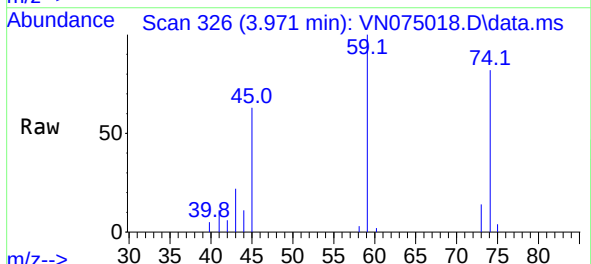
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

Tgt Ion:101 Resp: 40571  
Ion Ratio Lower Upper  
101 100  
103 65.4 50.5 75.7



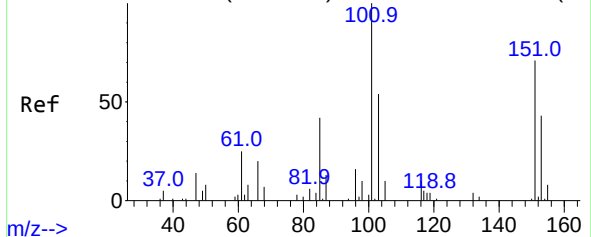
#8  
Diethyl Ether  
Concen: 20.096 ug/l  
RT: 3.971 min Scan# 326  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 74 Resp: 14688  
Ion Ratio Lower Upper  
74 100  
45 82.0 39.3 117.9



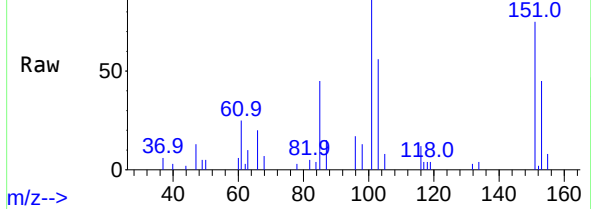


Abundance Scan 396 (4.383 min): VN075019.D\data.ms (-38



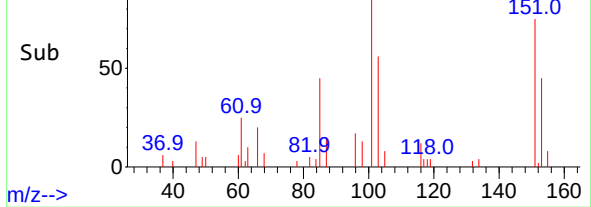
m/z-->

Abundance Scan 397 (4.389 min): VN075018.D\data.ms



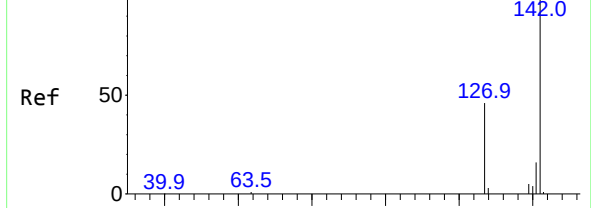
m/z-->

Abundance Scan 397 (4.389 min): VN075018.D\data.ms (-34



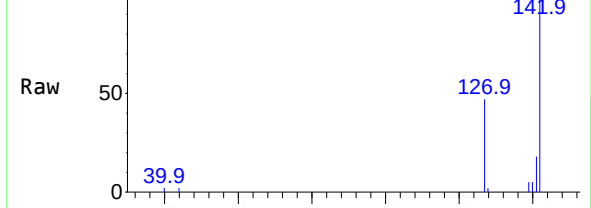
m/z-->

Abundance Scan 432 (4.595 min): VN075019.D\data.ms (-42



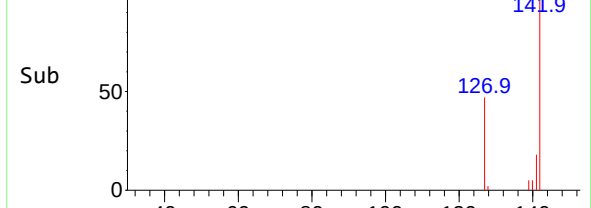
m/z-->

Abundance Scan 433 (4.600 min): VN075018.D\data.ms



m/z-->

Abundance Scan 433 (4.600 min): VN075018.D\data.ms (-38



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.587 ug/l

RT: 4.389 min Scan# 397

Delta R.T. 0.006 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC020

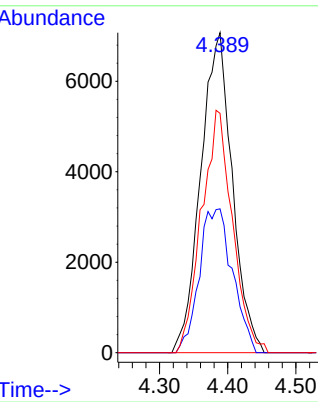
Tgt Ion:101 Resp: 22783

Ion Ratio Lower Upper

101 100

85 47.5 37.6 56.4

151 74.1 58.3 87.5



#10

Methyl Iodide

Concen: 20.767 ug/l

RT: 4.600 min Scan# 433

Delta R.T. 0.006 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

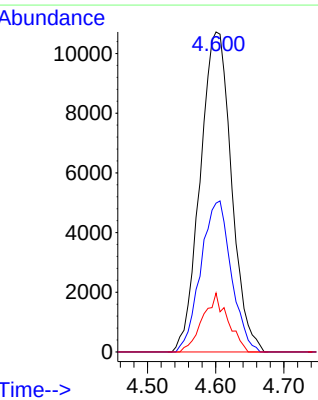
Tgt Ion:142 Resp: 34214

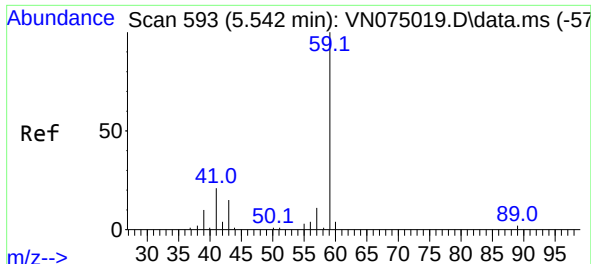
Ion Ratio Lower Upper

142 100

127 46.0 38.0 57.0

141 14.8 12.2 18.4





#11

Tert butyl alcohol

Concen: 102.168 ug/l

RT: 5.536 min Scan# 59

Delta R.T. -0.006 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

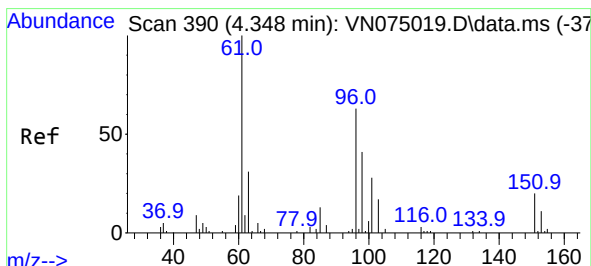
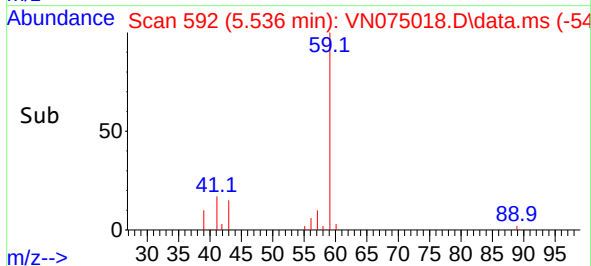
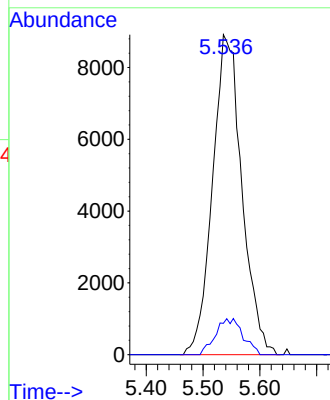
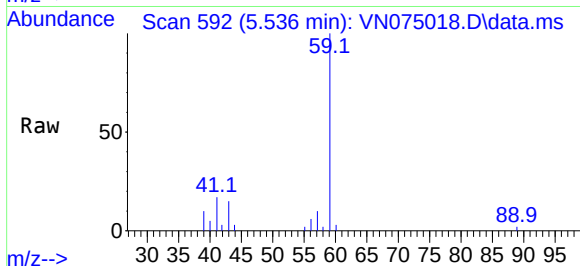
VSTDICC020

Tgt Ion: 59 Resp: 31946

Ion Ratio Lower Upper

59 100

57 10.5 8.5 12.7



#12

1,1-Dichloroethene

Concen: 20.835 ug/l

RT: 4.353 min Scan# 391

Delta R.T. 0.006 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

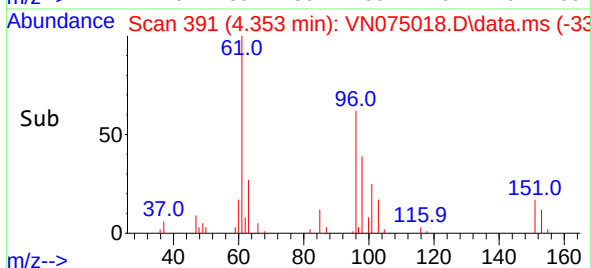
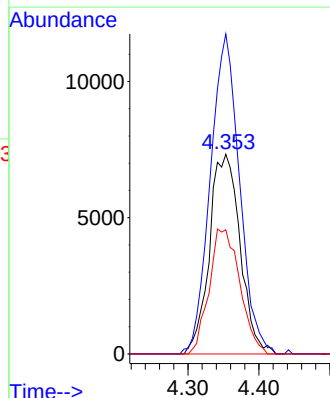
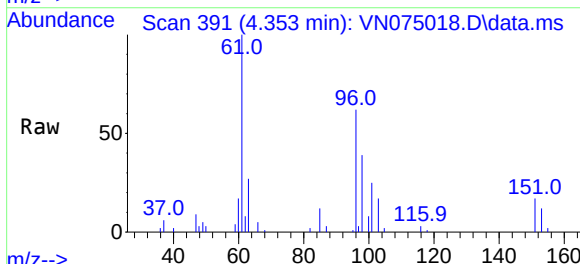
Tgt Ion: 96 Resp: 21978

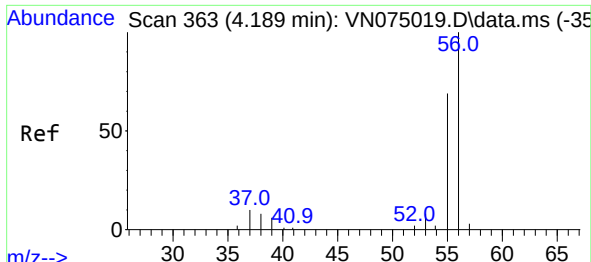
Ion Ratio Lower Upper

96 100

61 160.2 126.2 189.4

98 62.2 51.5 77.3

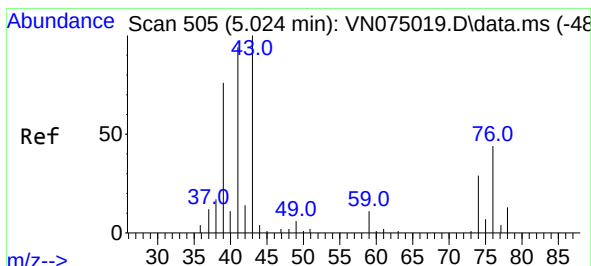
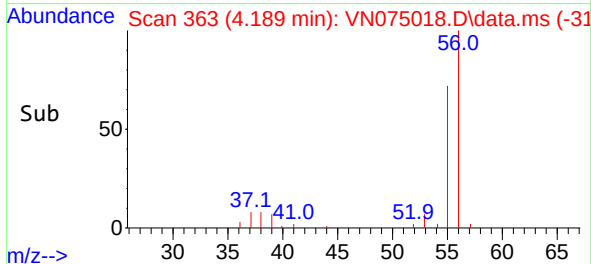
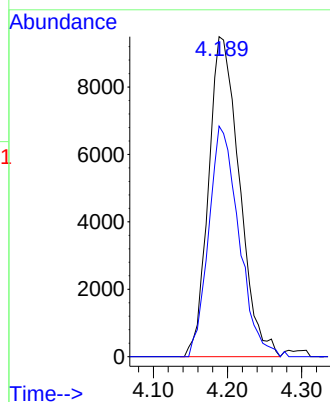
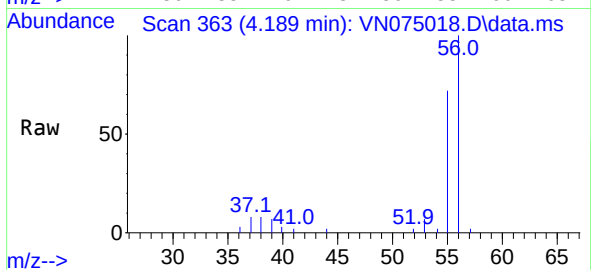




#13  
Acrolein  
Concen: 107.321 ug/l  
RT: 4.189 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

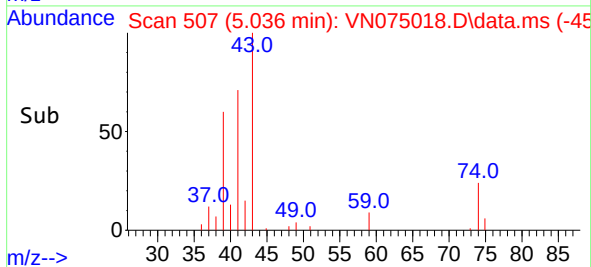
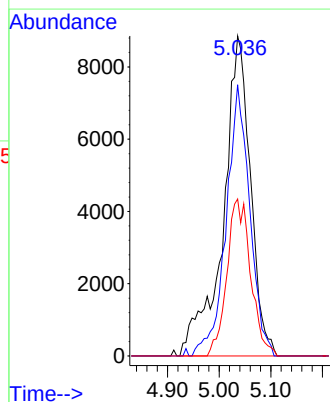
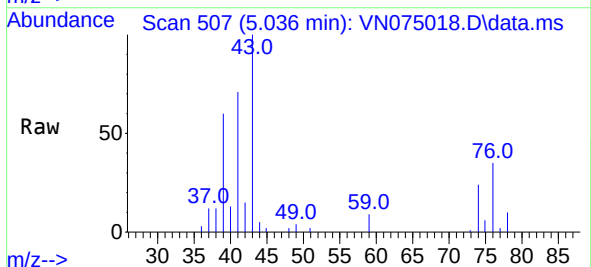
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

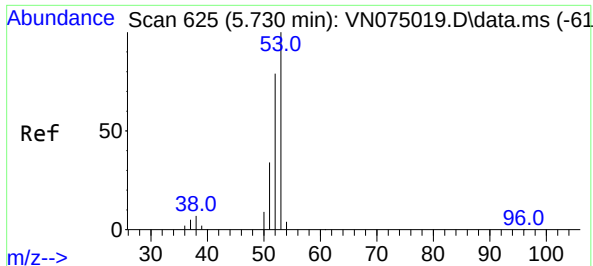
Tgt Ion: 56 Resp: 27448  
Ion Ratio Lower Upper  
56 100  
55 70.6 55.2 82.8



#14  
Allyl chloride  
Concen: 21.133 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. 0.012 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 41 Resp: 32558  
Ion Ratio Lower Upper  
41 100  
39 73.0 61.0 91.4  
76 42.6 33.4 50.0

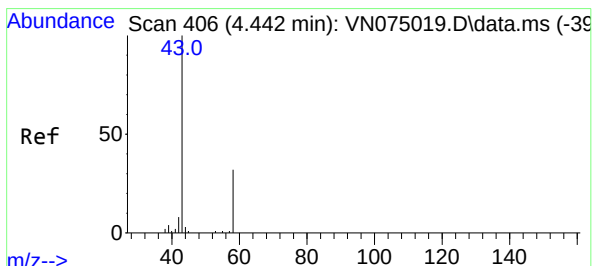
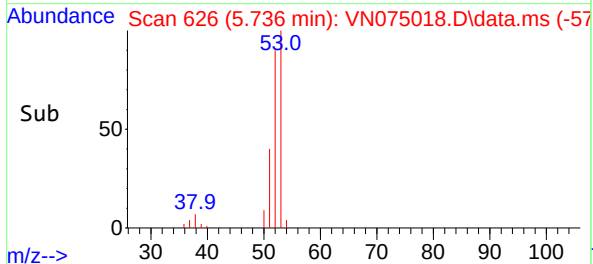
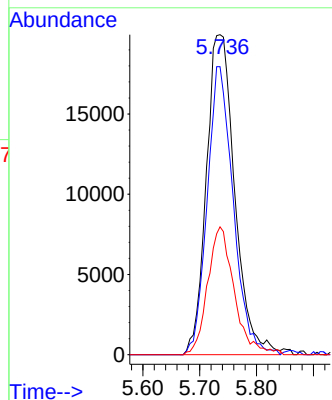
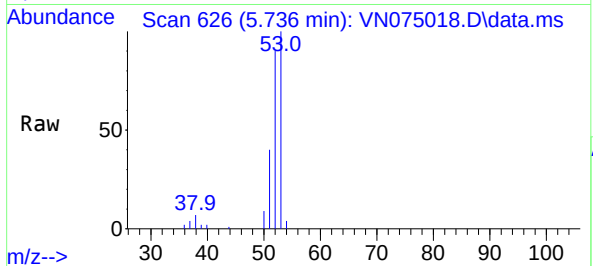




#15  
Acrylonitrile  
Concen: 104.850 ug/l  
RT: 5.736 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

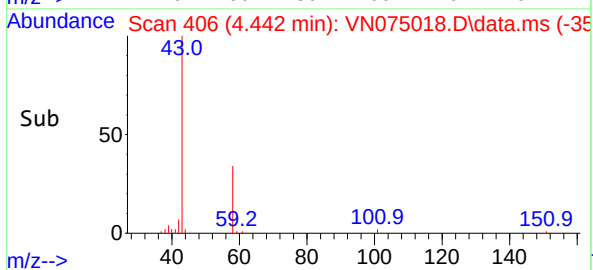
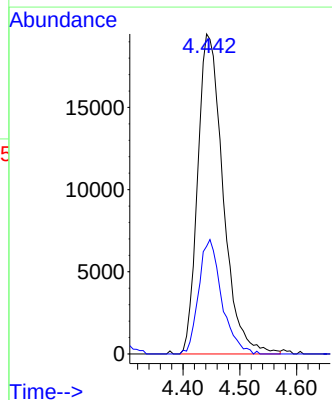
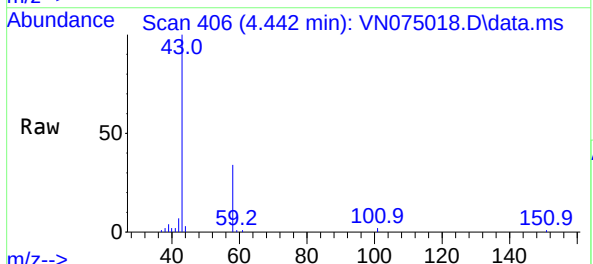
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

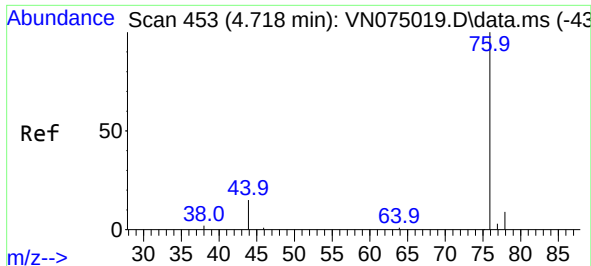
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 69255 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 82.6     | 66.4 99.6   |
| 51 37.4     | 29.6 44.4   |



#16  
Acetone  
Concen: 106.277 ug/l  
RT: 4.442 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 60337 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 33.7     | 25.5 38.3   |

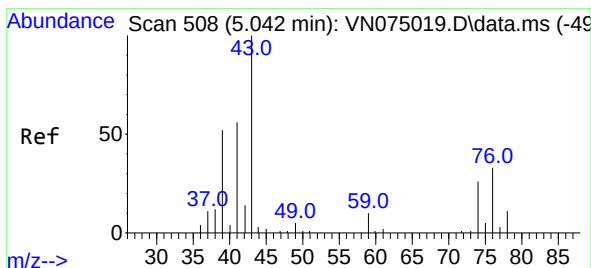
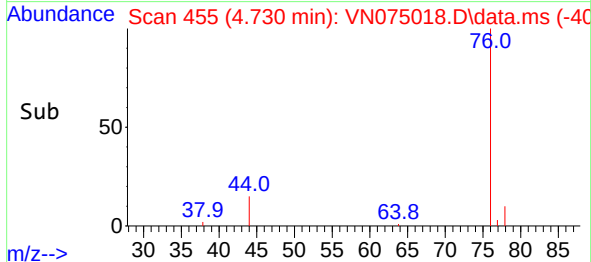
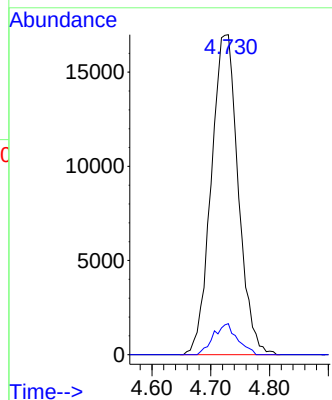
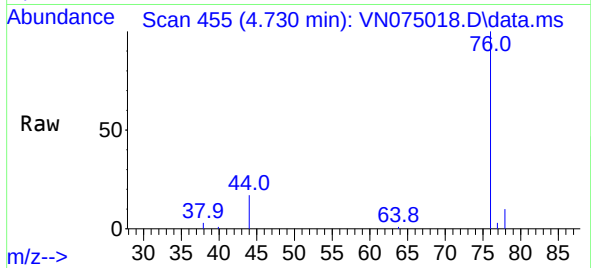




#17  
Carbon Disulfide  
Concen: 20.418 ug/l  
RT: 4.730 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

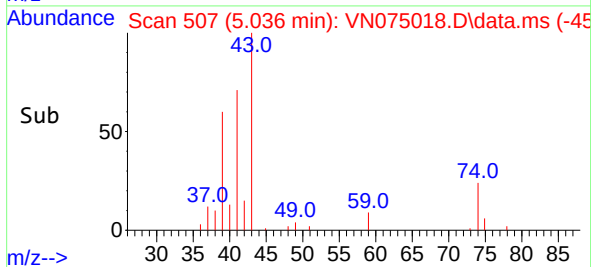
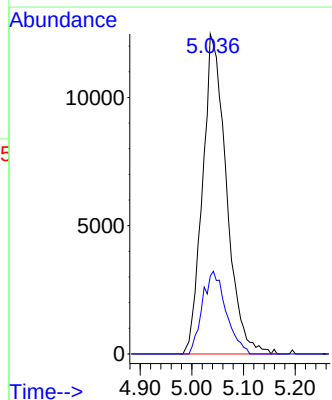
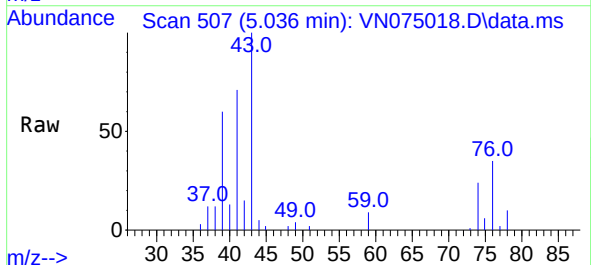
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

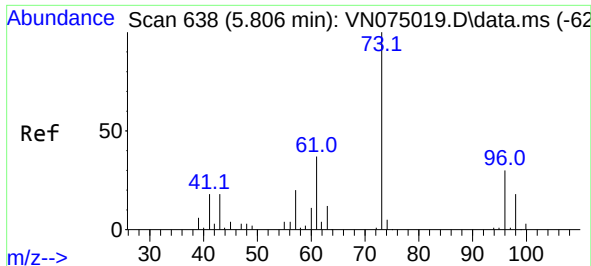
Tgt Ion: 76 Resp: 54162  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.4 11.2



#18  
Methyl Acetate  
Concen: 21.519 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. -0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 43 Resp: 39907  
Ion Ratio Lower Upper  
43 100  
74 25.6 22.0 33.0

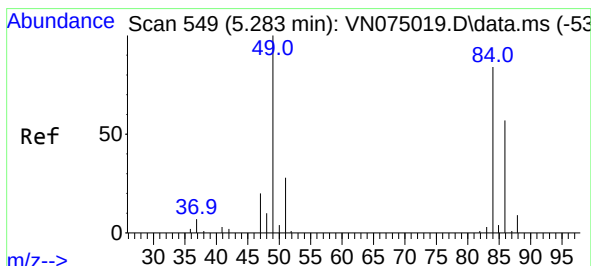
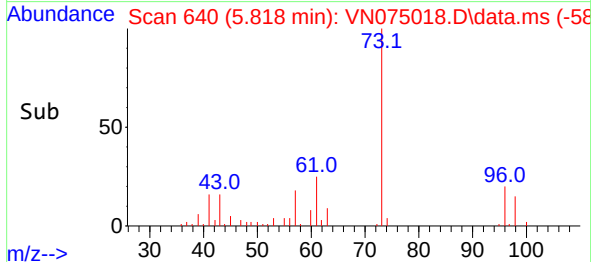
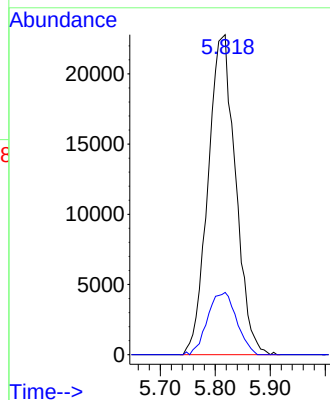
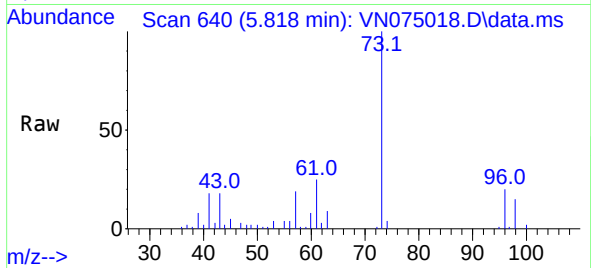




#19  
Methyl tert-butyl Ether  
Concen: 20.202 ug/l  
RT: 5.818 min Scan# 64  
Delta R.T. 0.012 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

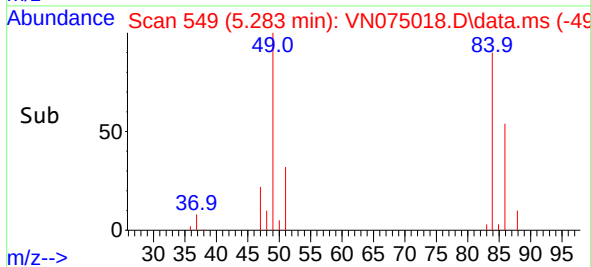
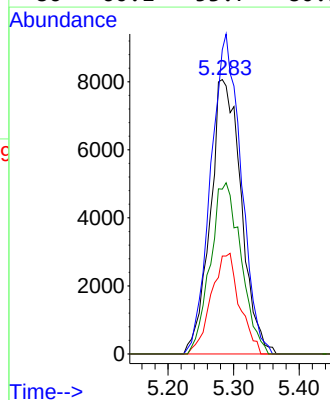
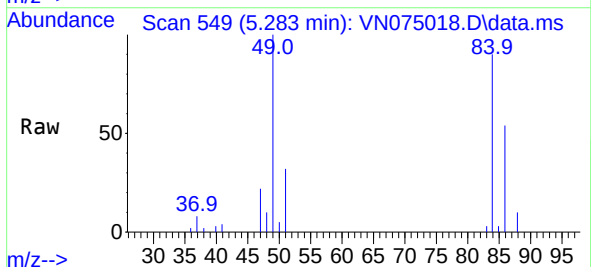
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

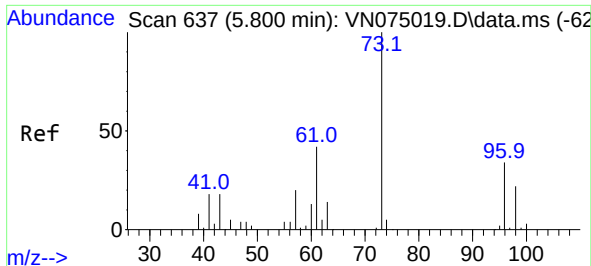
Tgt Ion: 73 Resp: 79203  
Ion Ratio Lower Upper  
73 100  
57 19.5 16.3 24.5



#20  
Methylene Chloride  
Concen: 20.808 ug/l  
RT: 5.283 min Scan# 549  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 84 Resp: 26340  
Ion Ratio Lower Upper  
84 100  
49 110.8 94.9 142.3  
51 35.7 26.8 40.2  
86 60.1 53.7 80.5

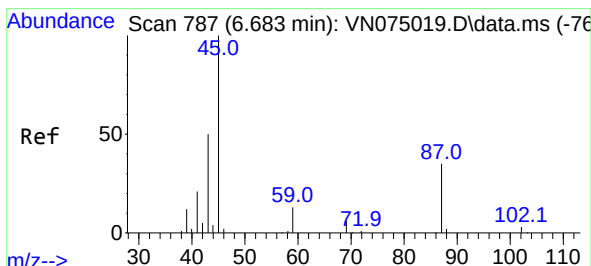
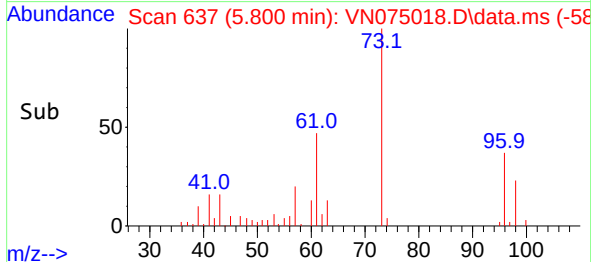
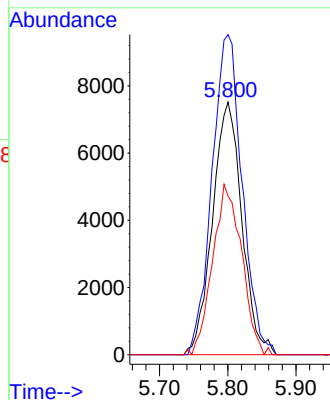
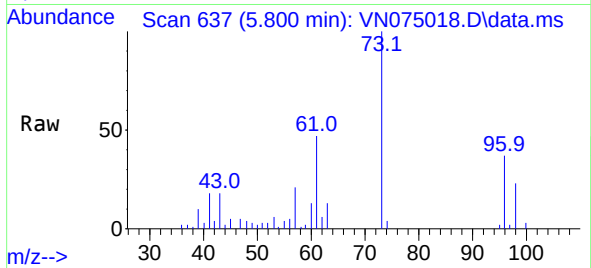




#21  
trans-1,2-Dichloroethene  
Concen: 19.542 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

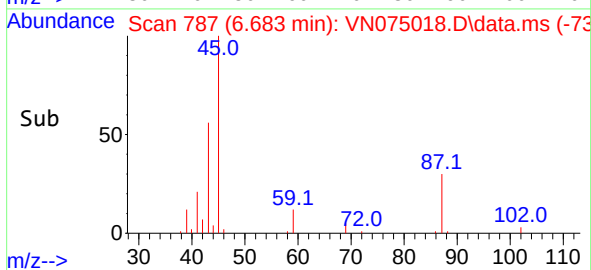
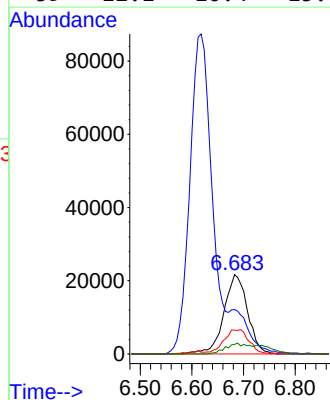
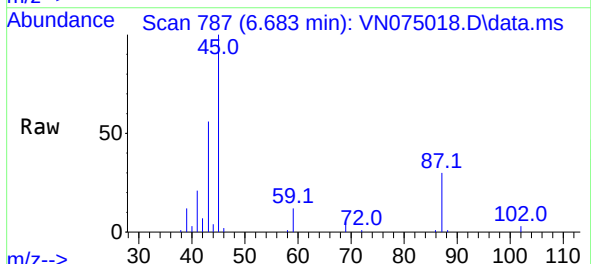
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

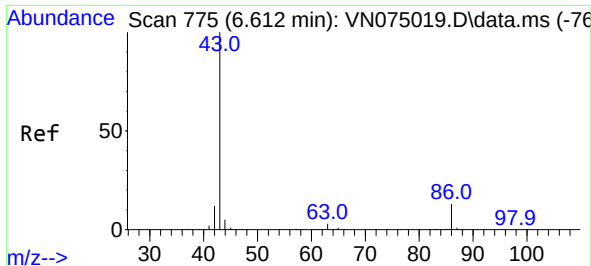
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 22570 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 126.8 | 99.9  | 149.9 |
| 98       | 62.8  | 51.5  | 77.3  |



#22  
Diisopropyl ether  
Concen: 20.291 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 68987 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 53.8  | 42.8  | 64.2  |
| 87       | 30.1  | 28.4  | 42.6  |
| 59       | 12.1  | 10.4  | 15.6  |

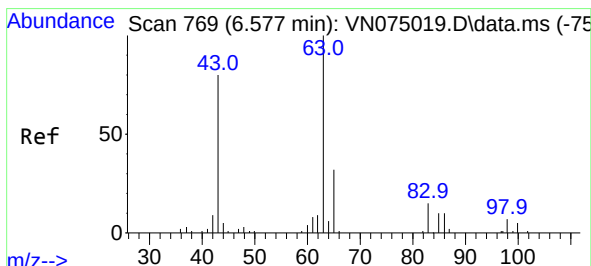
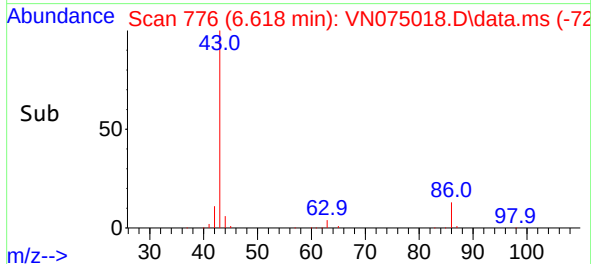
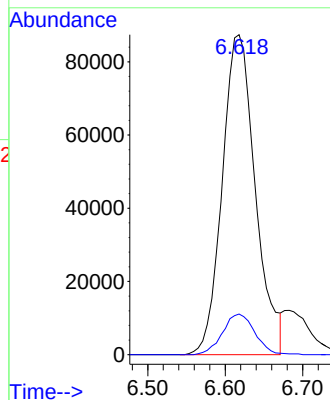
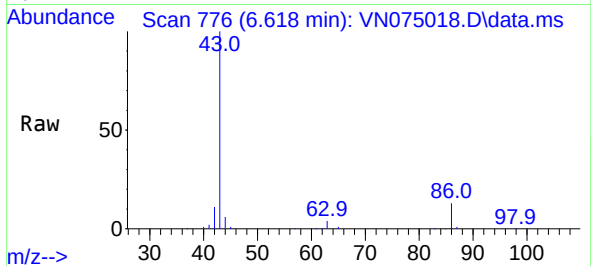




#23  
 Vinyl Acetate  
 Concen: 98.511 ug/l  
 RT: 6.618 min Scan# 775  
 Delta R.T. 0.006 min  
 Lab File: VN075018.D  
 Acq: 26 Oct 2022 11:49

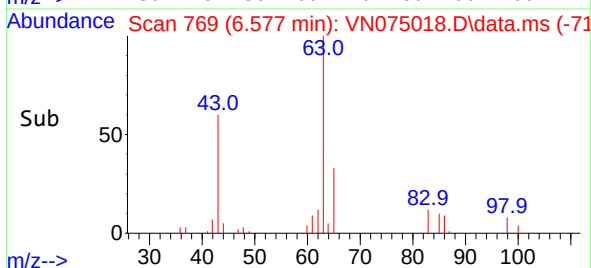
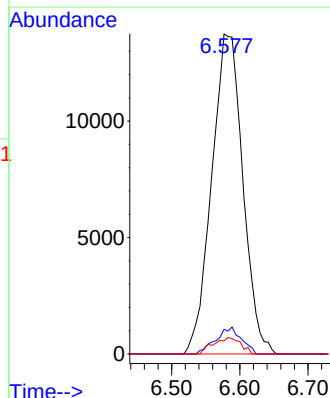
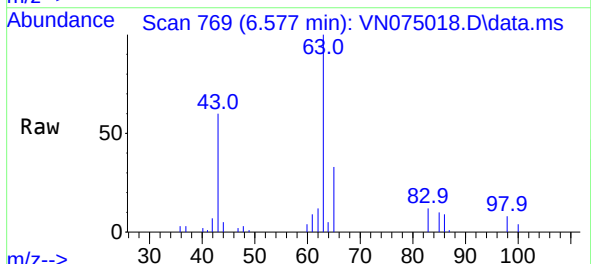
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

Tgt Ion: 43 Resp: 260159  
 Ion Ratio Lower Upper  
 43 100  
 86 12.7 10.7 16.1

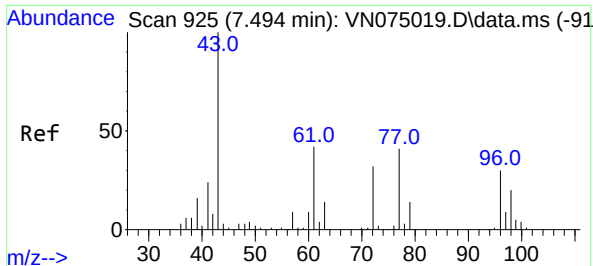


#24  
 1,1-Dichloroethane  
 Concen: 20.297 ug/l  
 RT: 6.577 min Scan# 769  
 Delta R.T. -0.000 min  
 Lab File: VN075018.D  
 Acq: 26 Oct 2022 11:49

Tgt Ion: 63 Resp: 43644  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.6 10.8  
 100 4.0 2.4 7.2



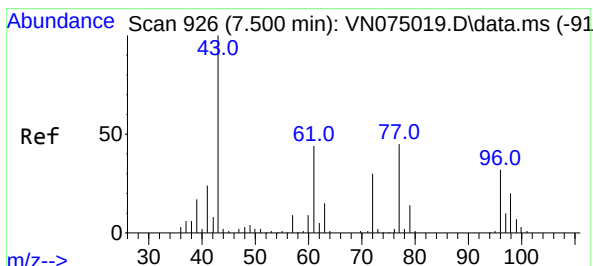
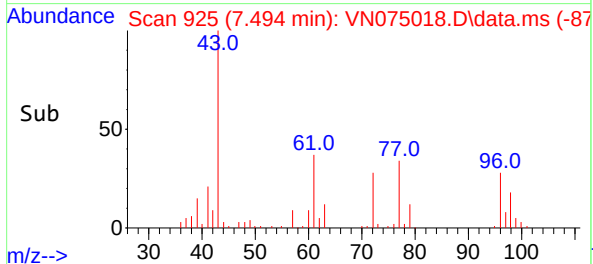
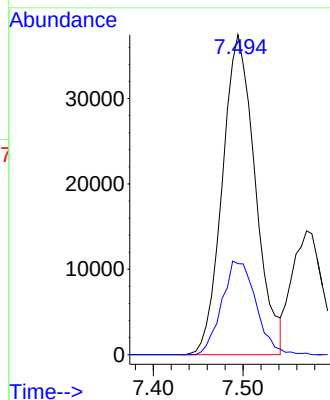
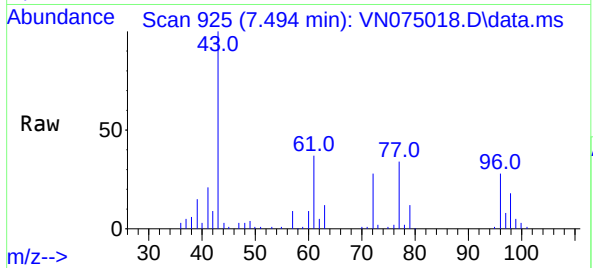




#25  
2-Butanone  
Concen: 106.917 ug/l  
RT: 7.494 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

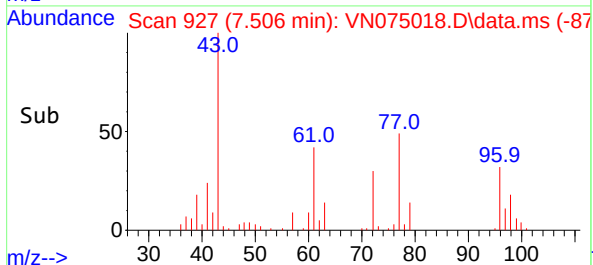
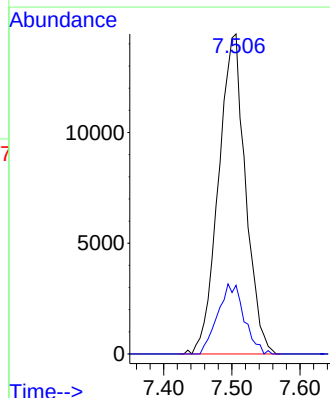
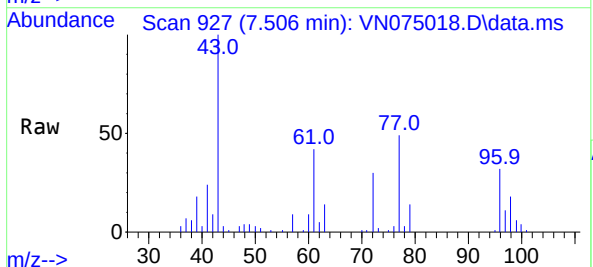
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MSVOA\_N  
ClientSampleId :  
VSTDIC020

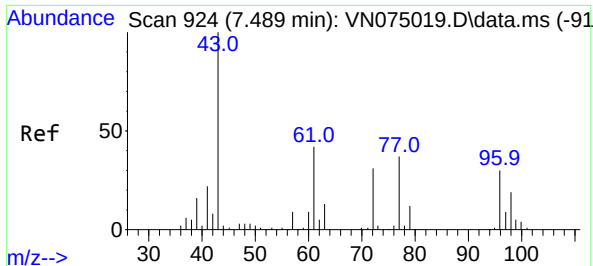
Tgt Ion: 43 Resp: 95475  
Ion Ratio Lower Upper  
43 100  
72 28.4 25.5 38.3



#26  
2,2-Dichloropropane  
Concen: 20.114 ug/l  
RT: 7.506 min Scan# 927  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 77 Resp: 39789  
Ion Ratio Lower Upper  
77 100  
97 21.5 11.2 33.6

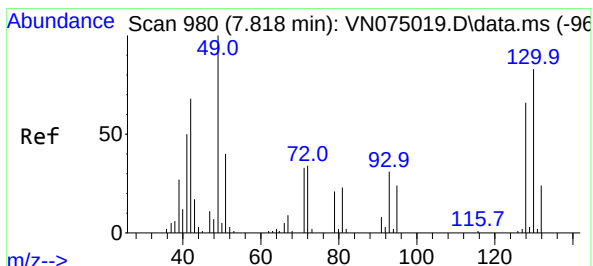
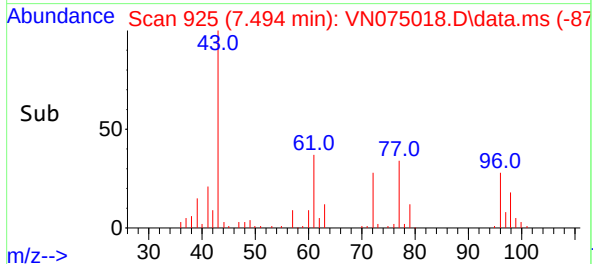
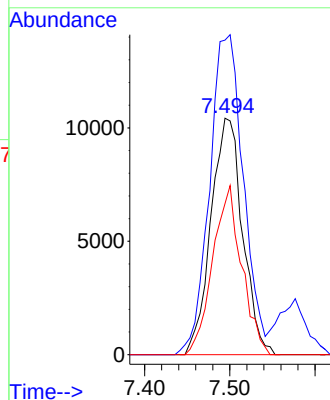
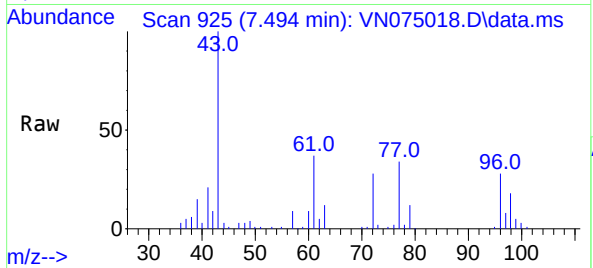




#27  
cis-1,2-Dichloroethene  
Concen: 19.516 ug/l  
RT: 7.494 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

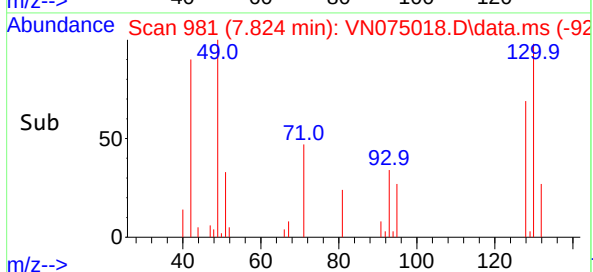
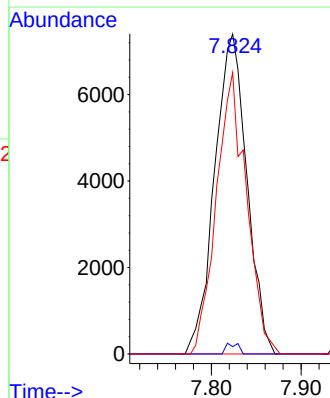
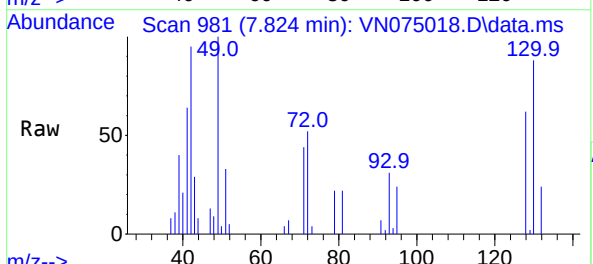
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MSVOA\_N  
ClientSampleId :  
VSTDICC020

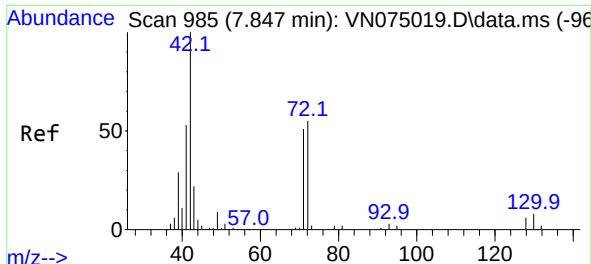
Tgt Ion: 96 Resp: 26918  
Ion Ratio Lower Upper  
96 100  
61 144.3 0.0 278.8  
98 65.3 0.0 128.4



#28  
Bromochloromethane  
Concen: 20.375 ug/l  
RT: 7.824 min Scan# 981  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 49 Resp: 18469  
Ion Ratio Lower Upper  
49 100  
129 1.3 0.0 4.6  
130 82.1 66.2 99.4

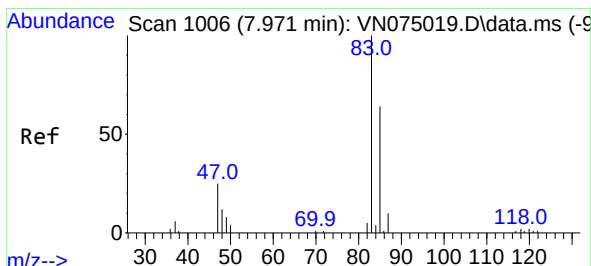
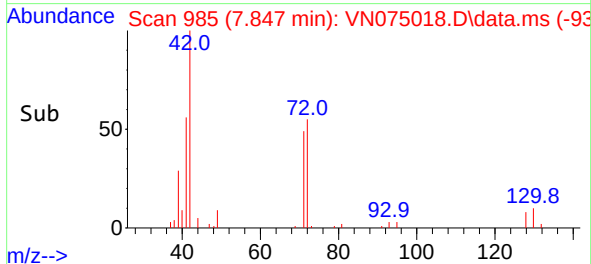
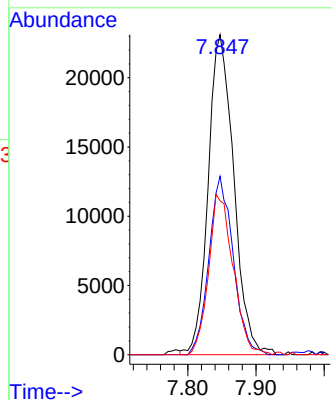
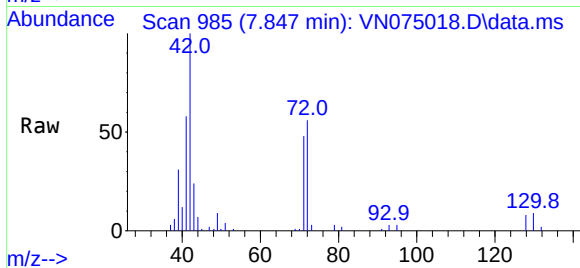




#29  
Tetrahydrofuran  
Concen: 104.693 ug/l  
RT: 7.847 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

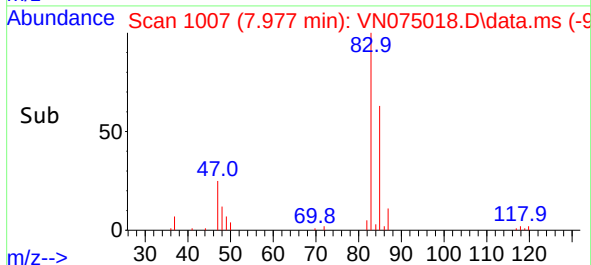
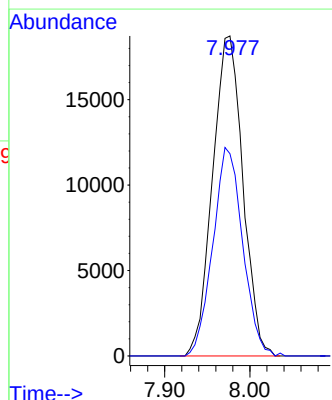
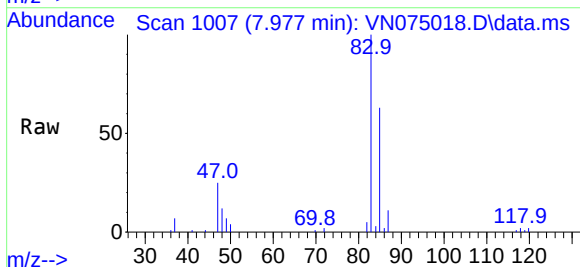
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ClientSampleId :  
VSTDIC020

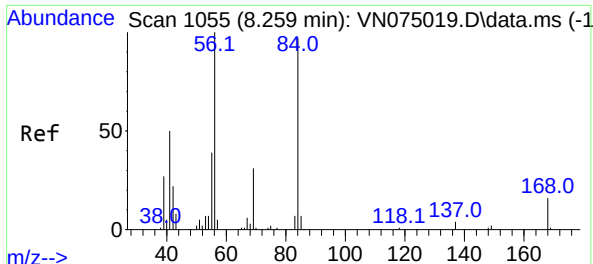
Tgt Ion: 42 Resp: 60412  
Ion Ratio Lower Upper  
42 100  
72 52.8 43.0 64.6  
71 48.2 39.9 59.9



#30  
Chloroform  
Concen: 19.859 ug/l  
RT: 7.977 min Scan# 1007  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 83 Resp: 46364  
Ion Ratio Lower Upper  
83 100  
85 63.2 51.4 77.0

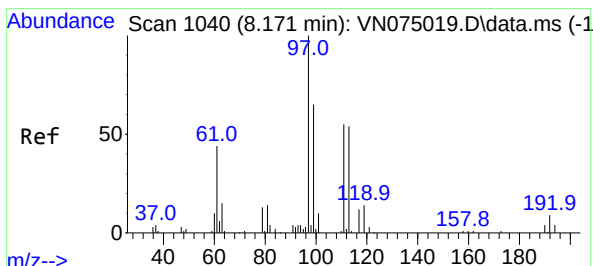
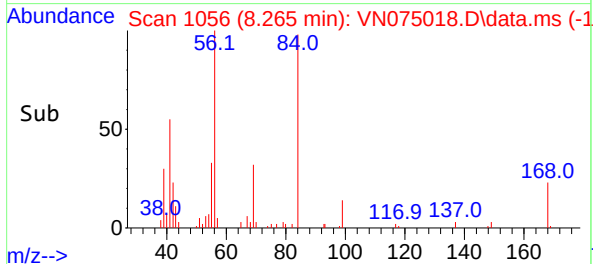
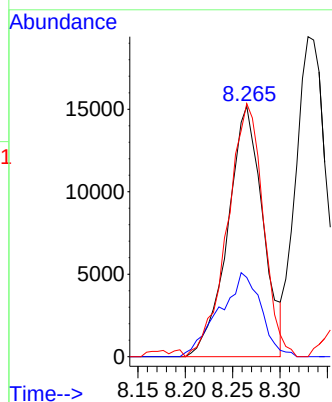
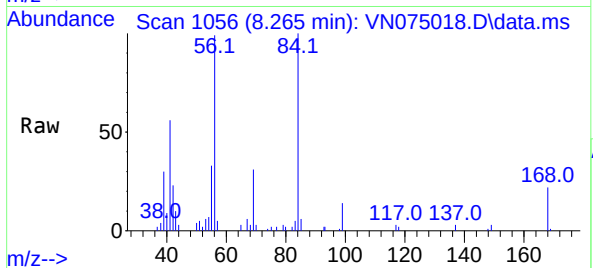




#31  
Cyclohexane  
Concen: 19.653 ug/l  
RT: 8.265 min Scan# 1055  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

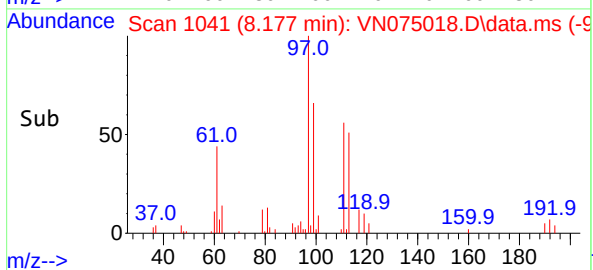
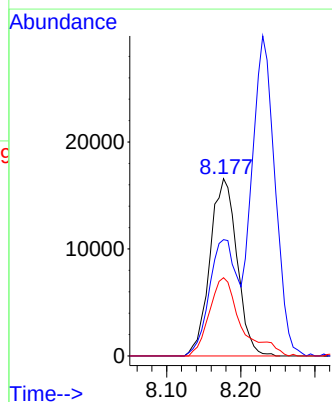
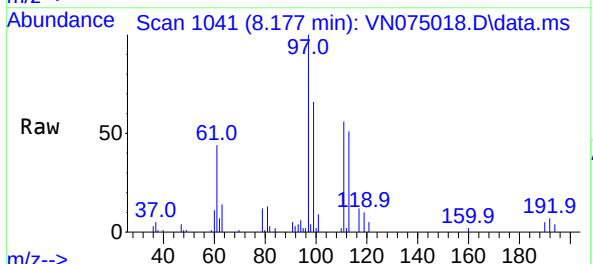
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MSVOA\_N  
ClientSampleId :  
VSTDIC020

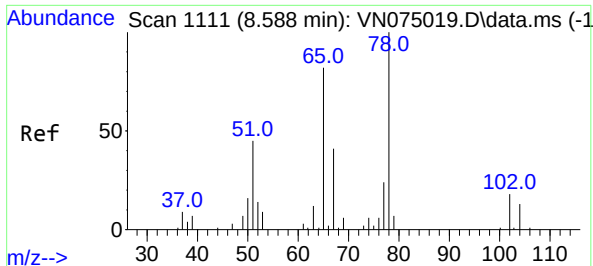
Tgt Ion: 56 Resp: 39192  
Ion Ratio Lower Upper  
56 100  
69 31.6 25.2 37.8  
84 98.3 77.8 116.8



#32  
1,1,1-Trichloroethane  
Concen: 19.799 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 97 Resp: 41976  
Ion Ratio Lower Upper  
97 100  
99 66.9 50.2 75.2  
61 51.7 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 20.251 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

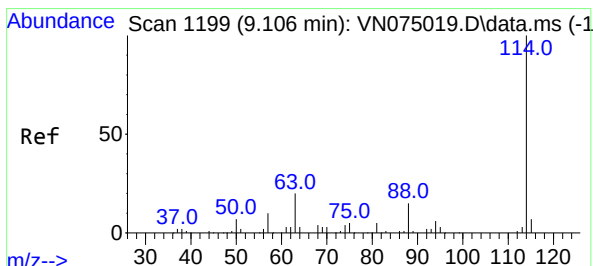
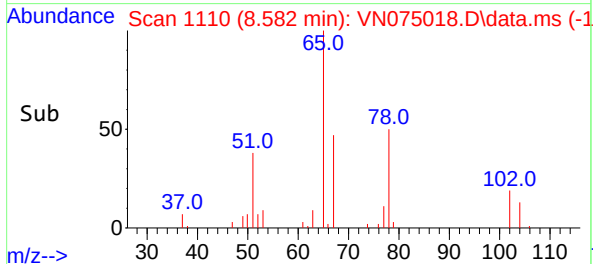
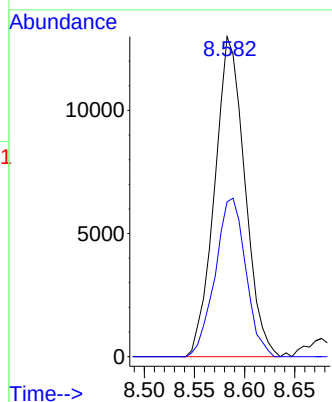
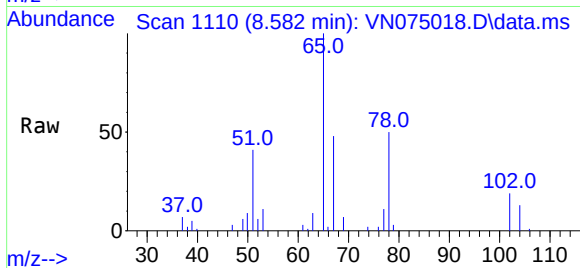
VSTDIC020

Tgt Ion: 65 Resp: 27153

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

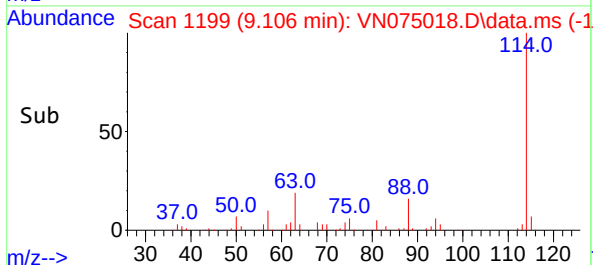
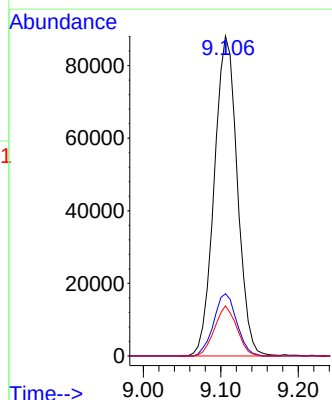
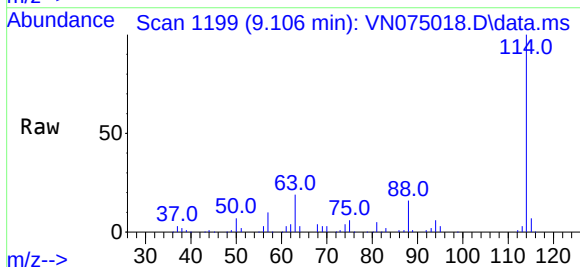
Tgt Ion: 114 Resp: 182488

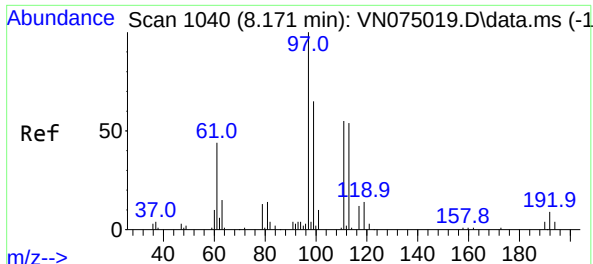
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.6 0.0 29.0

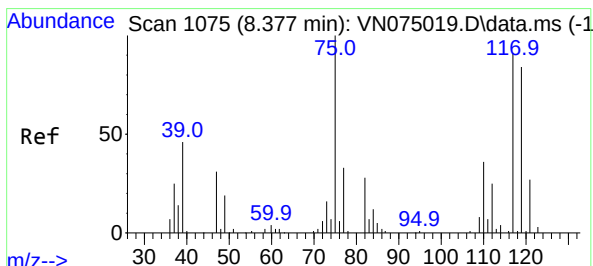
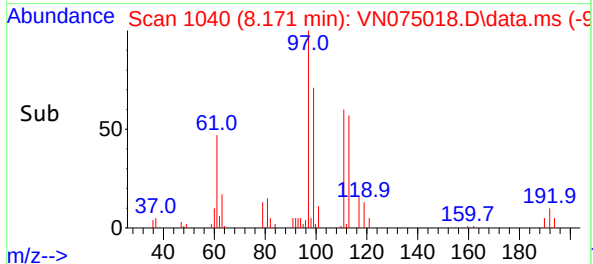
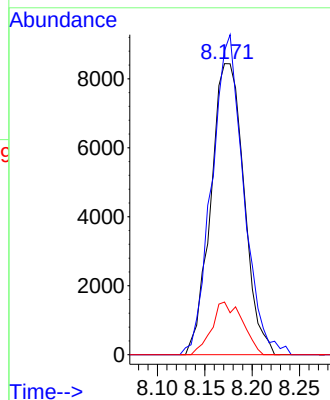
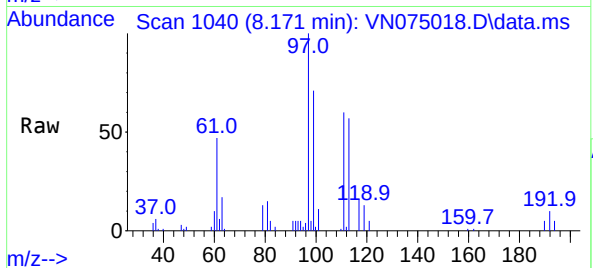




#35  
Dibromofluoromethane  
Concen: 19.178 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

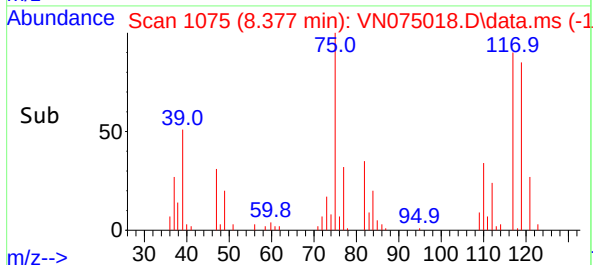
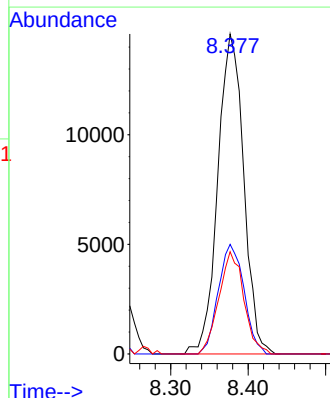
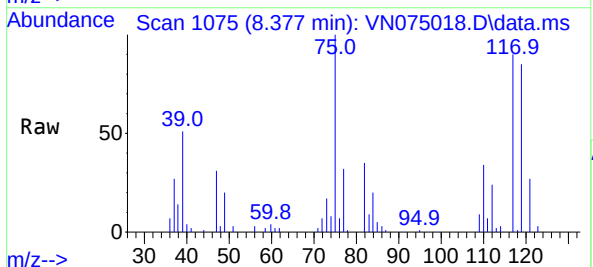
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ClientSampleId :  
VSTDIC020

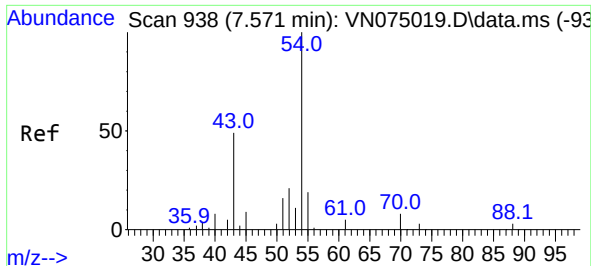
Tgt Ion:113 Resp: 20545  
Ion Ratio Lower Upper  
113 100  
111 105.5 80.5 120.7  
192 16.8 13.2 19.8



#36  
1,1-Dichloropropene  
Concen: 20.459 ug/l  
RT: 8.377 min Scan# 1075  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 75 Resp: 33933  
Ion Ratio Lower Upper  
75 100  
110 34.0 17.8 53.3  
77 30.7 24.6 37.0

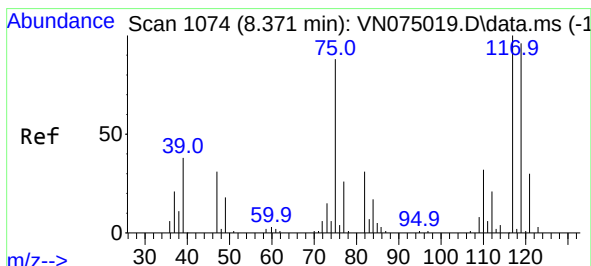
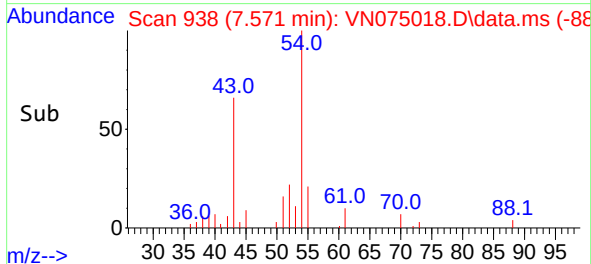
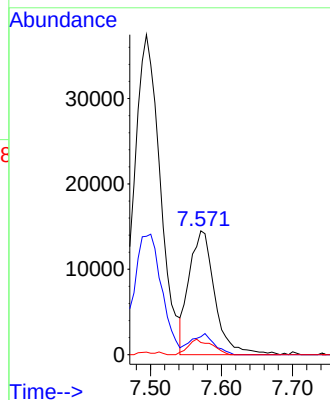
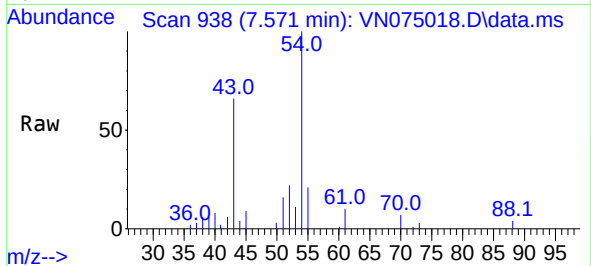




#37  
Ethyl Acetate  
Concen: 20.084 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

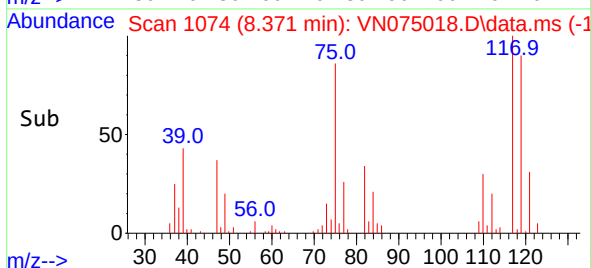
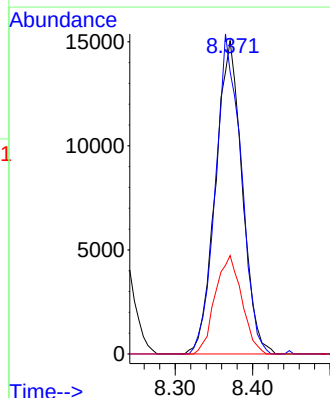
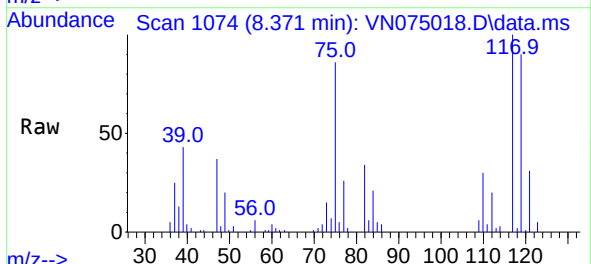
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MSVOA\_N  
ClientSampleId :  
VSTDIC020

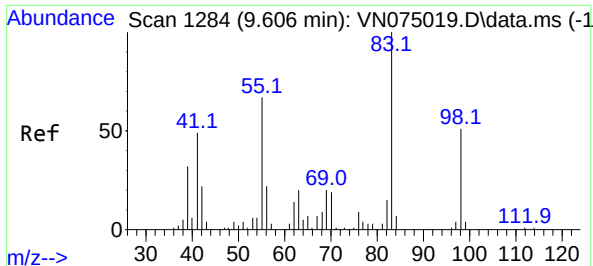
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 43 | Resp: | 36531 |       |
| Ion         | Ratio | Lower | Upper |
| 43          | 100   |       |       |
| 61          | 15.6  | 12.2  | 18.4  |
| 70          | 11.3  | 9.4   | 14.2  |



#38  
Carbon Tetrachloride  
Concen: 19.719 ug/l  
RT: 8.371 min Scan# 1074  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:117 | Resp: | 35975 |       |
| Ion         | Ratio | Lower | Upper |
| 117         | 100   |       |       |
| 119         | 90.1  | 76.7  | 115.1 |
| 121         | 31.5  | 23.9  | 35.9  |

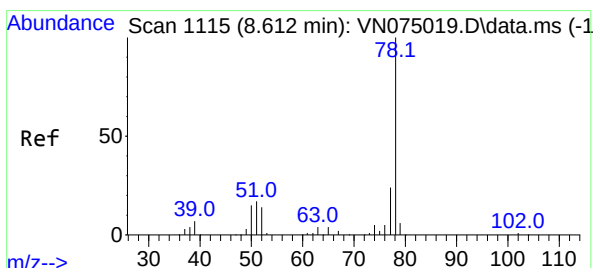
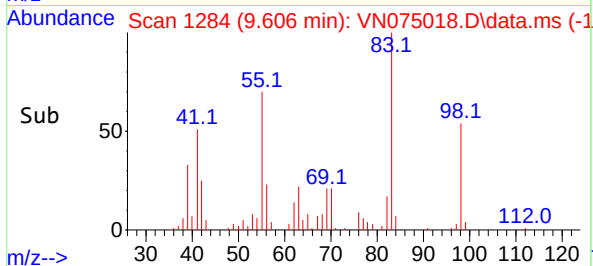
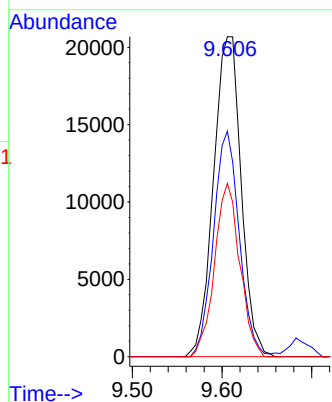
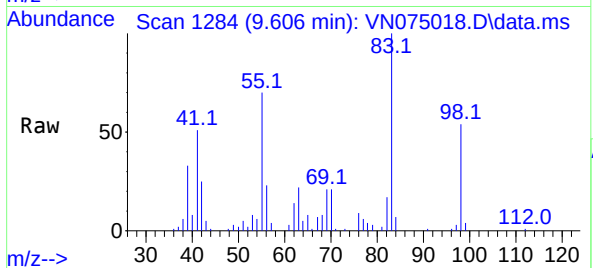




#39  
Methylcyclohexane  
Concen: 20.237 ug/l  
RT: 9.606 min Scan# 1115  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

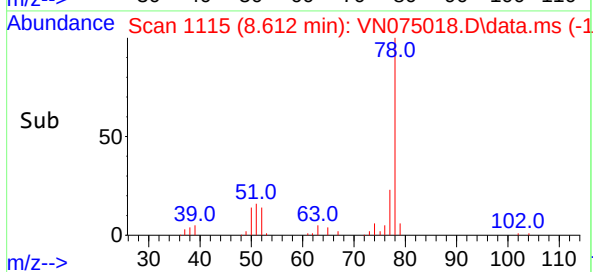
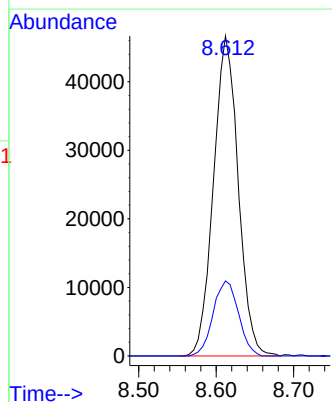
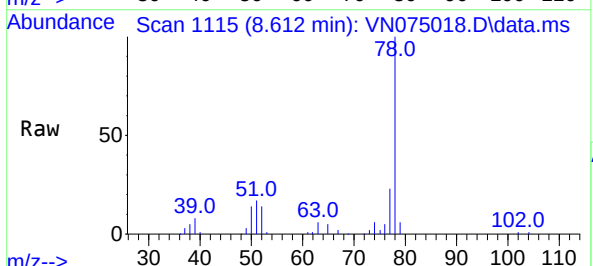
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

Tgt Ion: 83 Resp: 44311  
Ion Ratio Lower Upper  
83 100  
55 70.5 53.6 80.4  
98 54.2 41.1 61.7

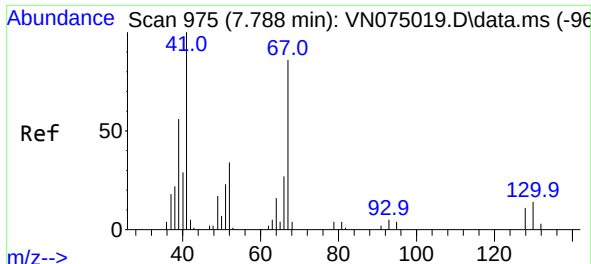


#40  
Benzene  
Concen: 20.379 ug/l  
RT: 8.612 min Scan# 1115  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 78 Resp: 103488  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.4 29.0





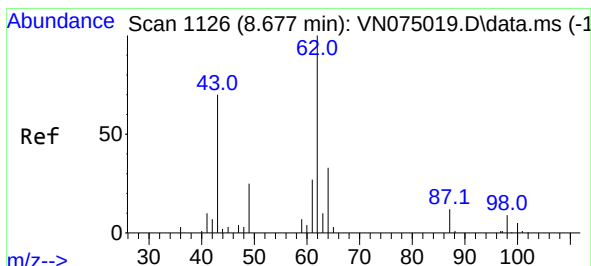
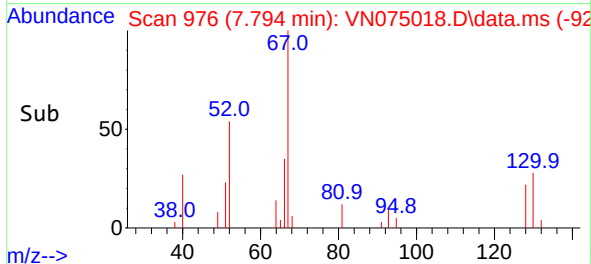
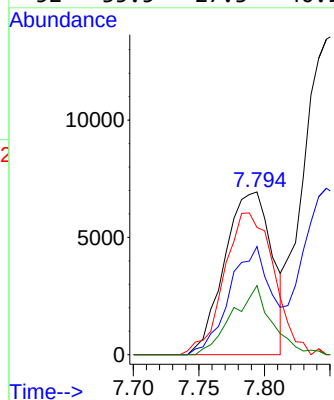
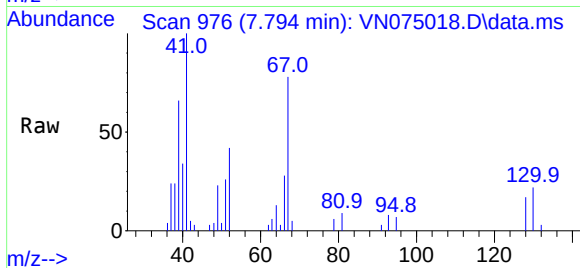


#41  
Methacrylonitrile  
Concen: 20.120 ug/l  
RT: 7.794 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

Tgt Ion: 41 Resp: 17533

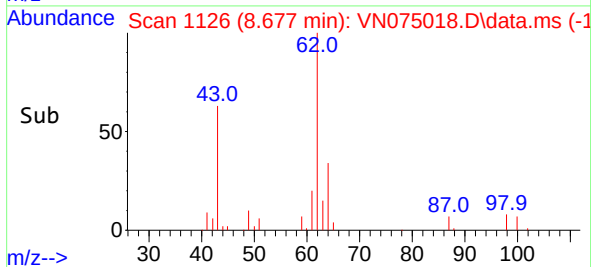
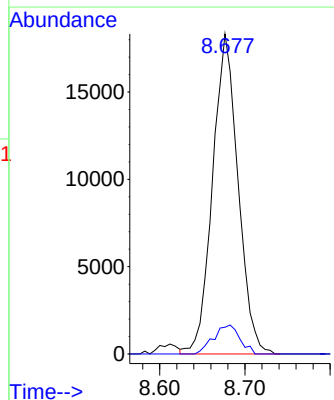
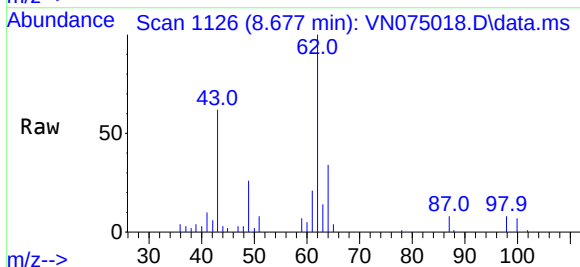
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.8  | 44.4  | 66.6  |
| 67  | 91.1  | 69.8  | 104.6 |
| 52  | 35.5  | 27.3  | 40.9  |

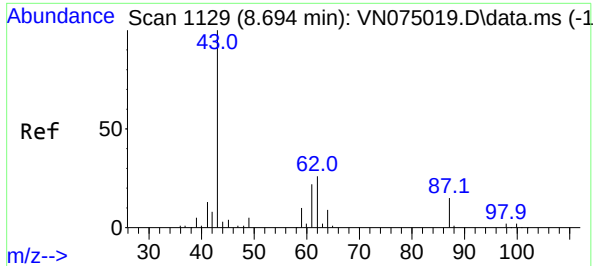


#42  
1,2-Dichloroethane  
Concen: 20.621 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 62 Resp: 38098

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.3   | 0.0   | 18.2  |

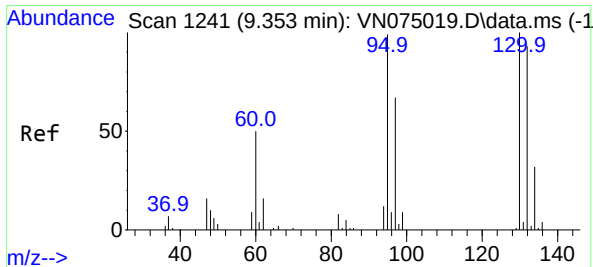
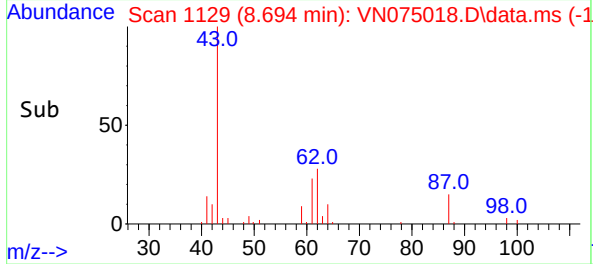
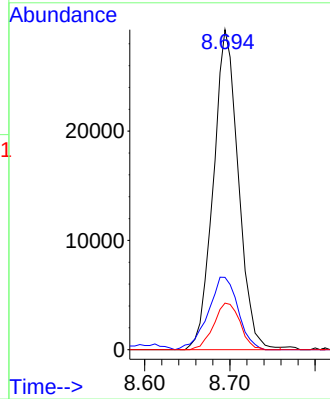
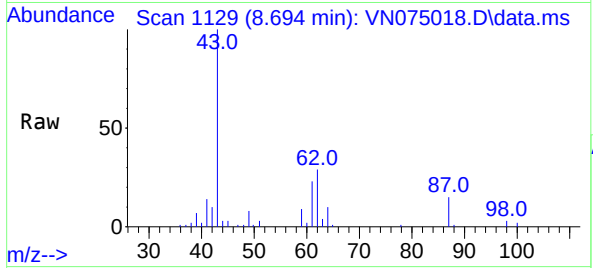




#43  
Isopropyl Acetate  
Concen: 21.172 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

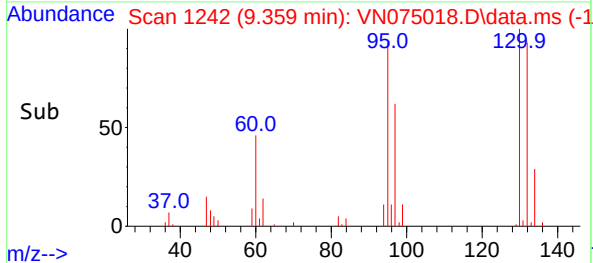
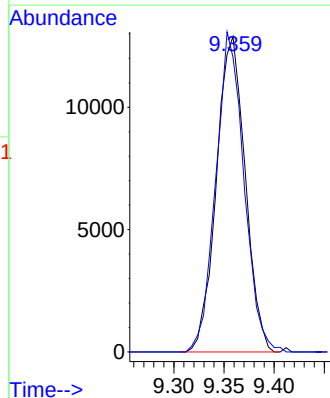
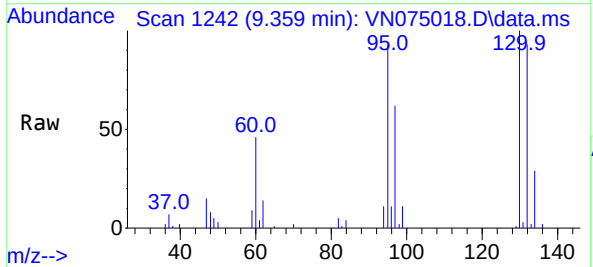
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

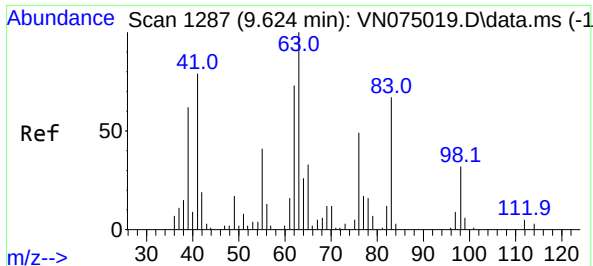
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 59733 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 27.0  | 22.4  | 33.6  |
| 87       | 15.3  | 12.5  | 18.7  |



#44  
Trichloroethene  
Concen: 20.228 ug/l  
RT: 9.359 min Scan# 1242  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 25772 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 93.4  | 0.0   | 198.4 |

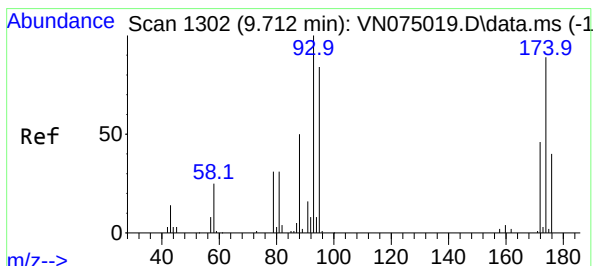
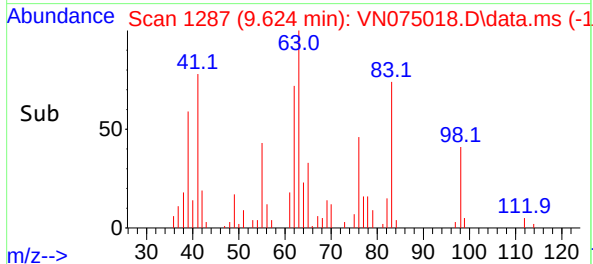
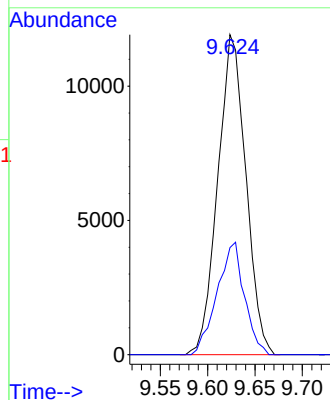
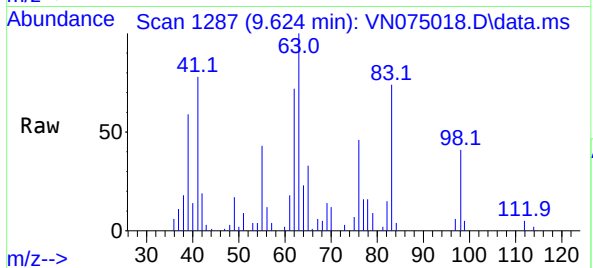




#45  
1,2-Dichloropropane  
Concen: 20.344 ug/l  
RT: 9.624 min Scan# 1287  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

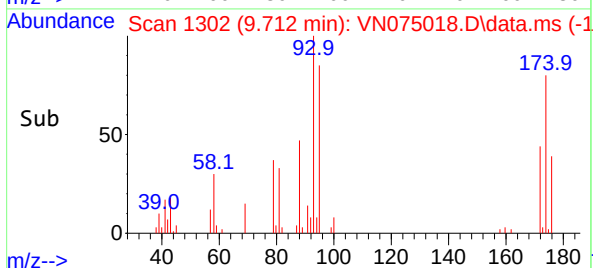
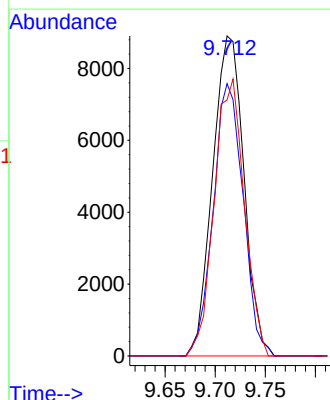
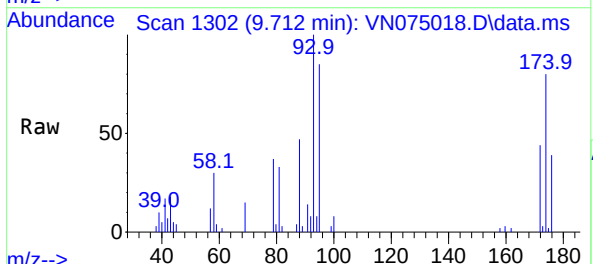
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

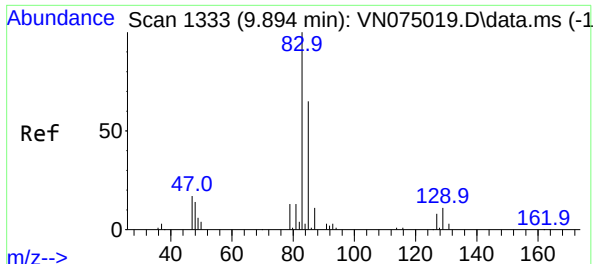
Tgt Ion: 63 Resp: 24586  
Ion Ratio Lower Upper  
63 100  
65 33.4 26.1 39.1



#46  
Dibromomethane  
Concen: 20.496 ug/l  
RT: 9.712 min Scan# 1302  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 93 Resp: 19298  
Ion Ratio Lower Upper  
93 100  
95 81.5 66.6 99.8  
174 83.5 70.3 105.5

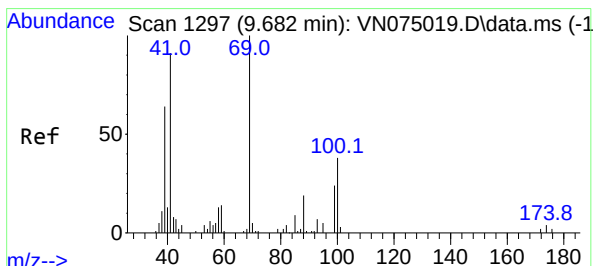
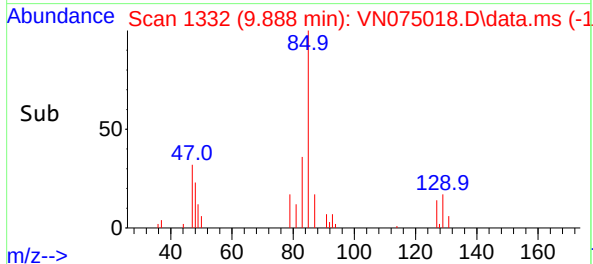
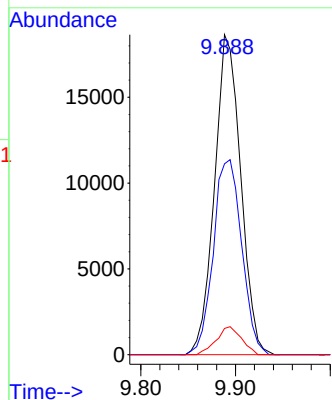
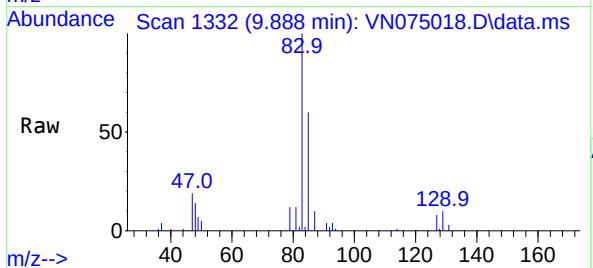




#47  
Bromodichloromethane  
Concen: 19.674 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

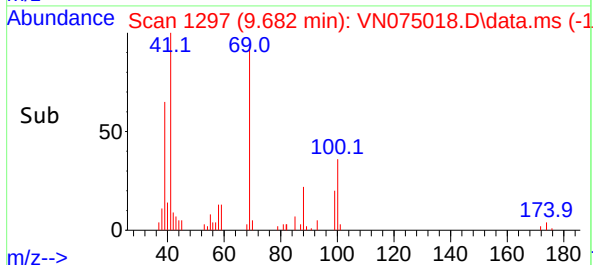
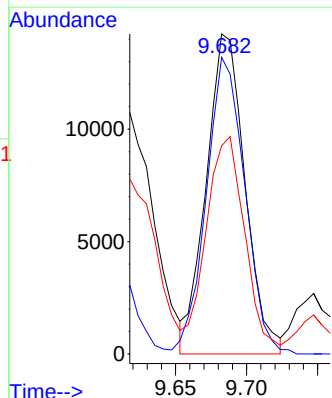
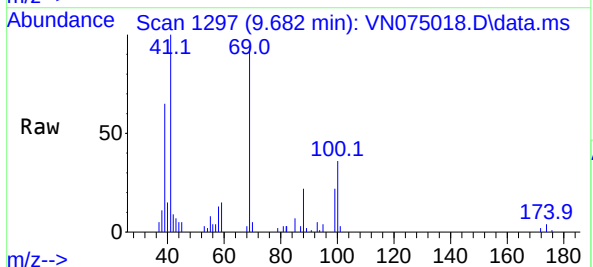
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

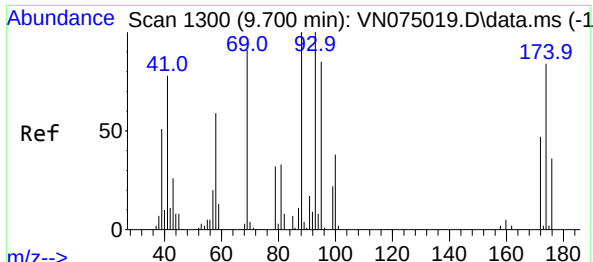
Tgt Ion: 83 Resp: 35873  
Ion Ratio Lower Upper  
83 100  
85 59.7 52.1 78.1  
127 8.2 6.6 10.0



#48  
Methyl methacrylate  
Concen: 20.909 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 41 Resp: 27060  
Ion Ratio Lower Upper  
41 100  
69 92.0 80.2 120.2  
39 68.2 56.2 84.2

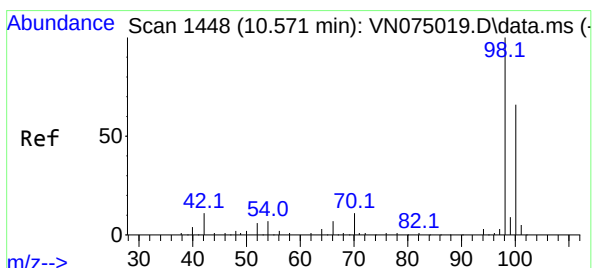
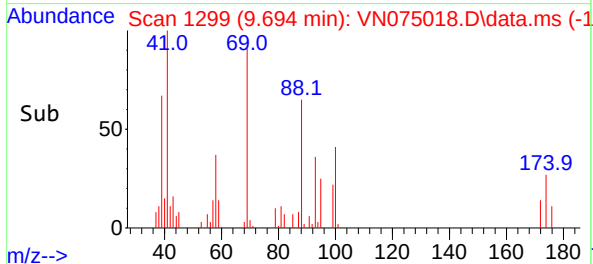
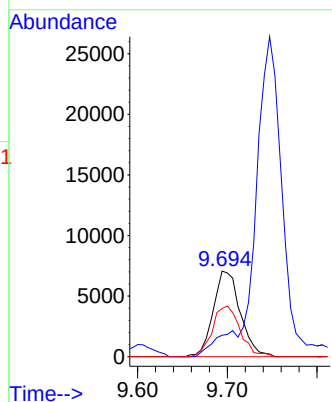
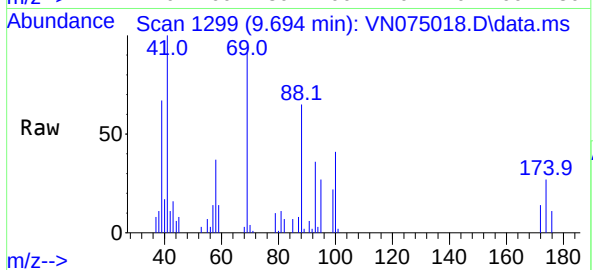




#49  
1,4-Dioxane  
Concen: 435.230 ug/l  
RT: 9.694 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

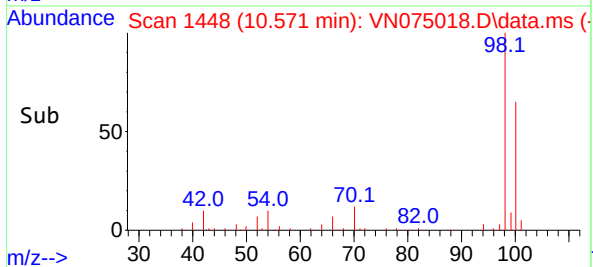
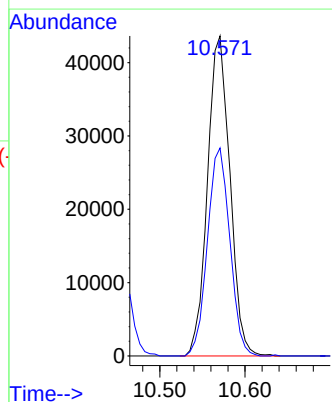
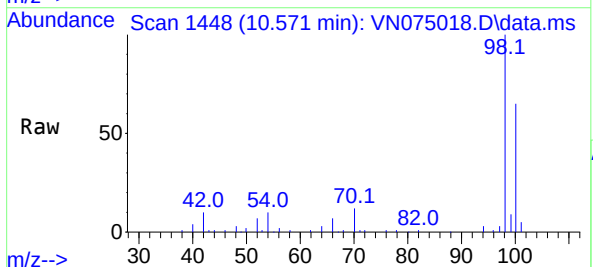
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

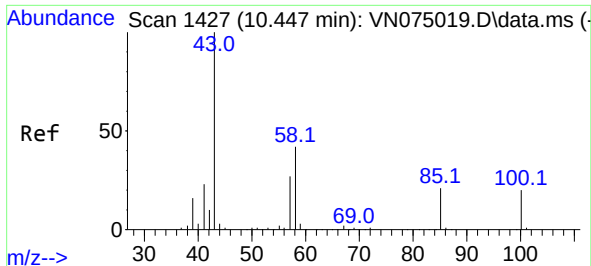
Tgt Ion: 88 Resp: 14750  
Ion Ratio Lower Upper  
88 100  
43 0.0 17.5 26.3#  
58 60.9 49.8 74.8



#50  
Toluene-d8  
Concen: 19.204 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 98 Resp: 79818  
Ion Ratio Lower Upper  
98 100  
100 64.8 53.0 79.6

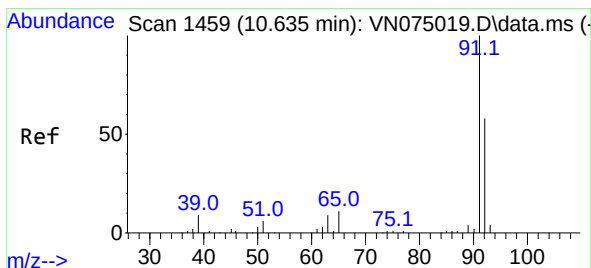
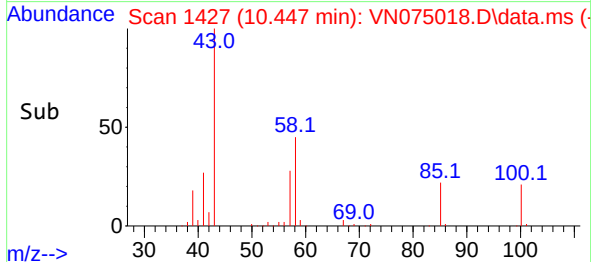
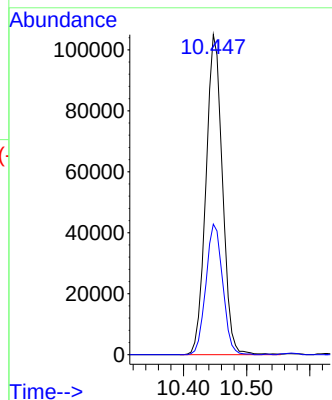
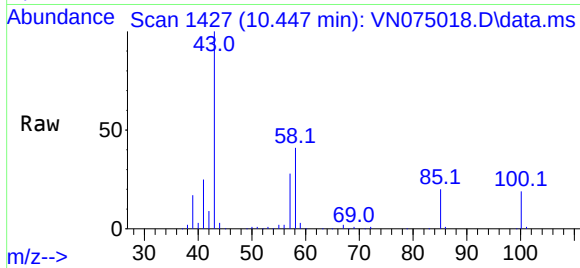




#51  
4-Methyl-2-Pentanone  
Concen: 104.877 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

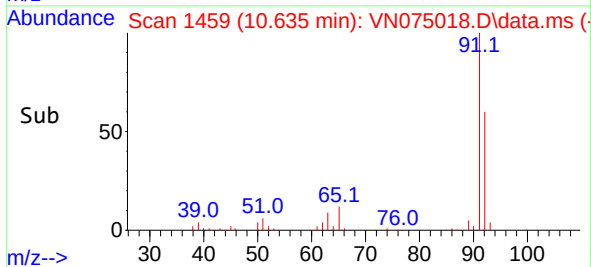
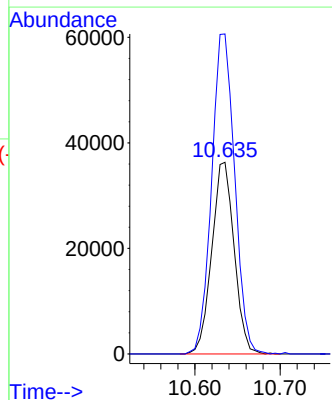
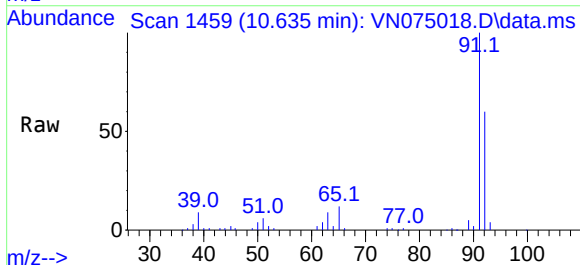
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

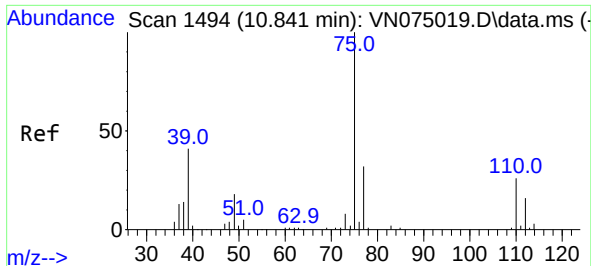
Tgt Ion: 43 Resp: 190942  
Ion Ratio Lower Upper  
43 100  
58 41.4 33.6 50.4



#52  
Toluene  
Concen: 19.545 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 92 Resp: 66349  
Ion Ratio Lower Upper  
92 100  
91 172.0 135.4 203.2

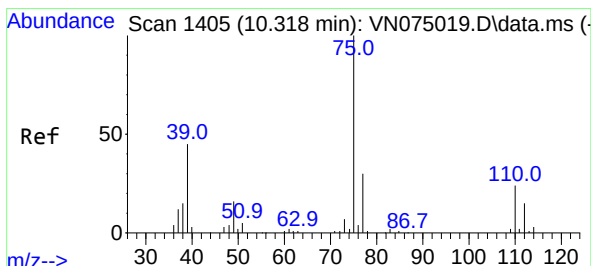
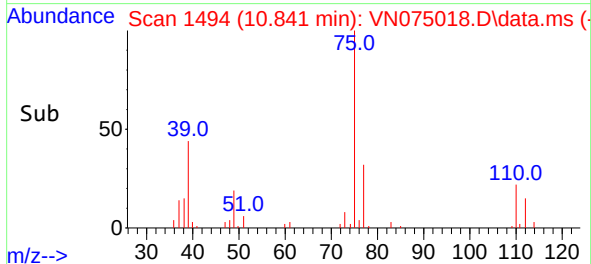
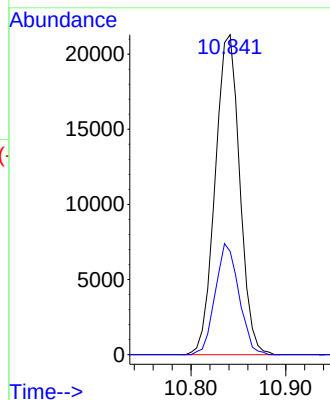
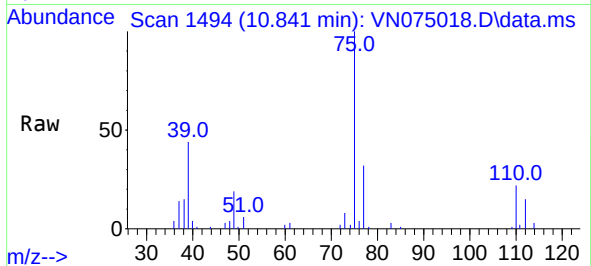




#53  
t-1,3-Dichloropropene  
Concen: 19.922 ug/l  
RT: 10.841 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

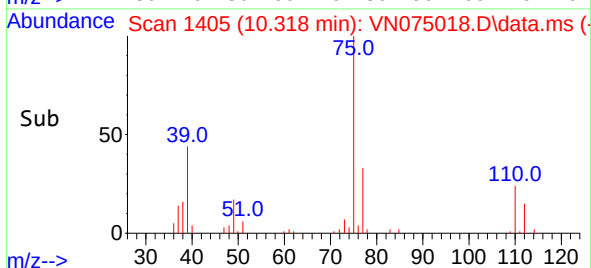
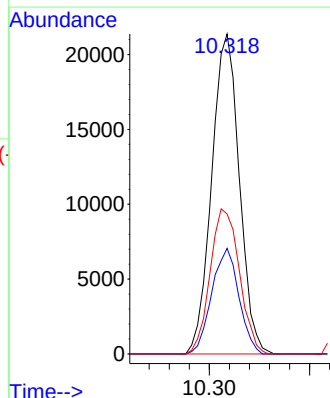
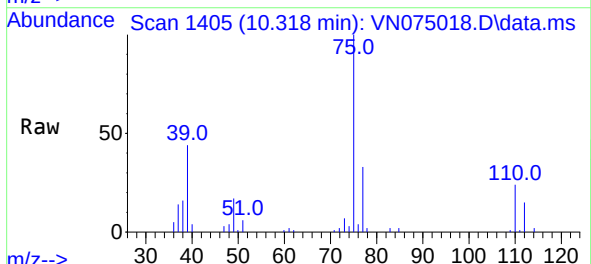
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

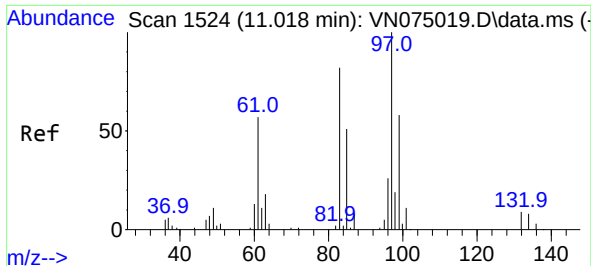
Tgt Ion: 75 Resp: 38341  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 20.020 ug/l  
RT: 10.318 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 75 Resp: 40866  
Ion Ratio Lower Upper  
75 100  
77 33.0 23.7 35.5  
39 43.7 35.8 53.6

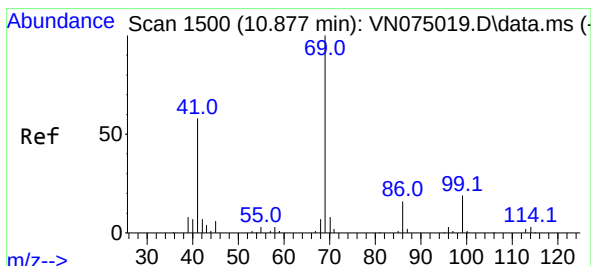
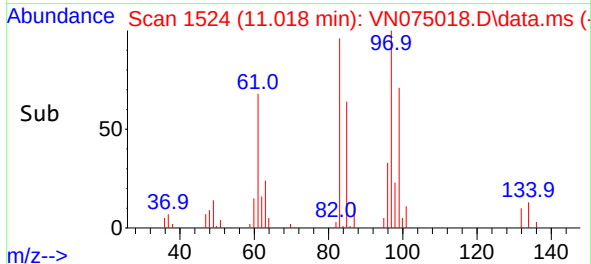
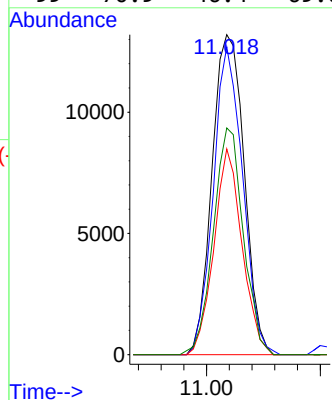
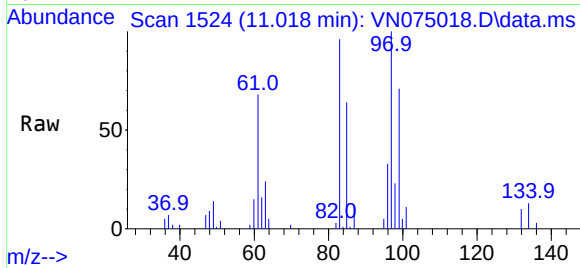




#55  
1,1,2-Trichloroethane  
Concen: 19.230 ug/l  
RT: 11.018 min Scan# 1524  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

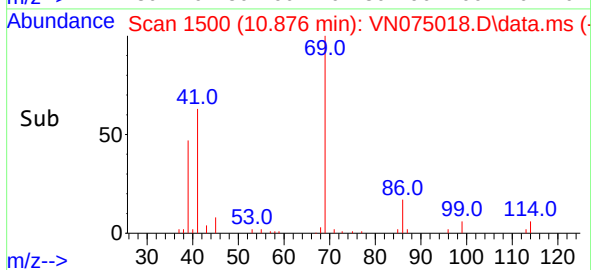
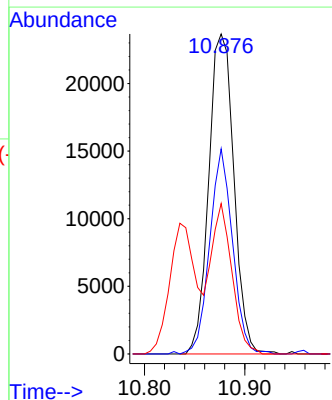
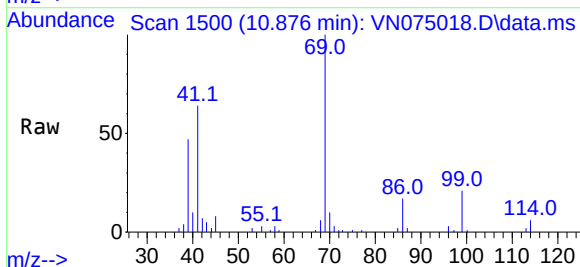
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 25884 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 96.2     | 65.9 98.9   |
| 85 64.3     | 40.4 60.6#  |
| 99 70.9     | 46.4 69.6#  |

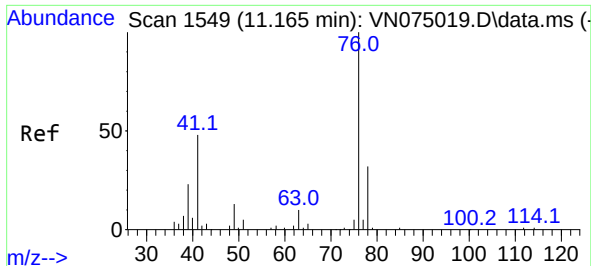


#56  
Ethyl methacrylate  
Concen: 20.053 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 41173 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 58.4     | 45.6 68.4   |
| 39 38.8     | 28.5 42.7   |







#57

1,3-Dichloropropane

Concen: 19.959 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

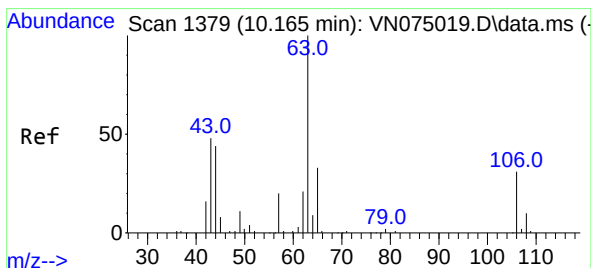
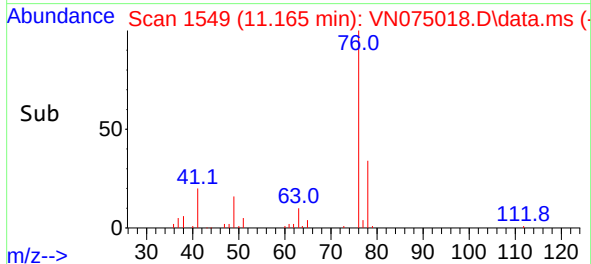
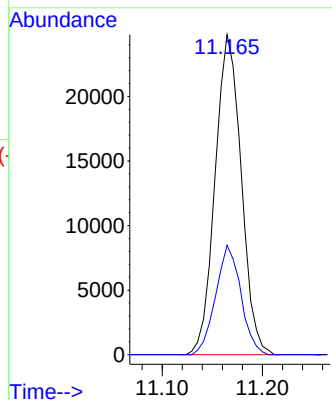
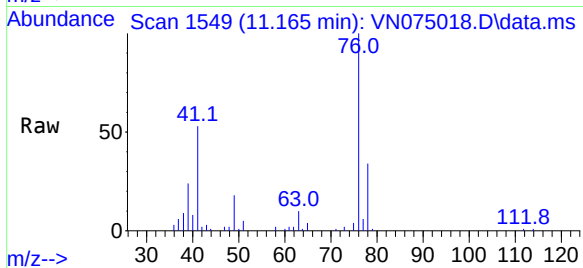
VSTDIC020

Tgt Ion: 76 Resp: 44739

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.640 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075018.D

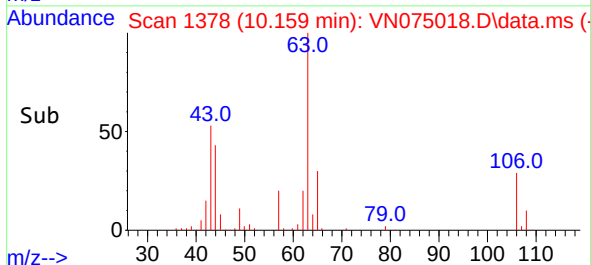
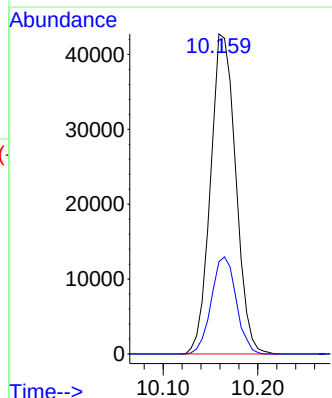
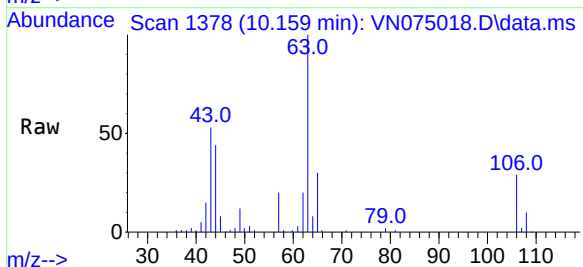
Acq: 26 Oct 2022 11:49

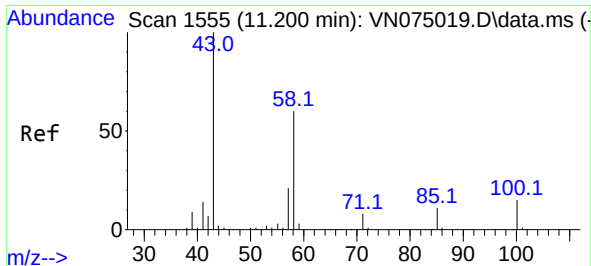
Tgt Ion: 63 Resp: 79089

Ion Ratio Lower Upper

63 100

106 29.8 24.8 37.2

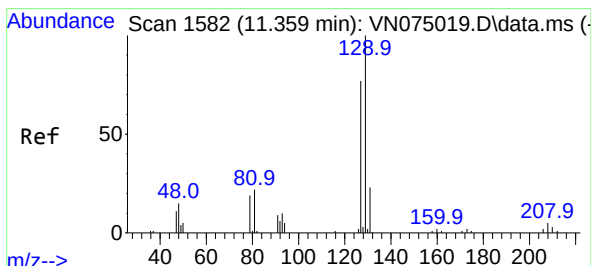
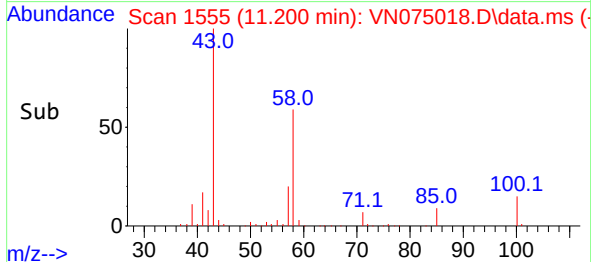
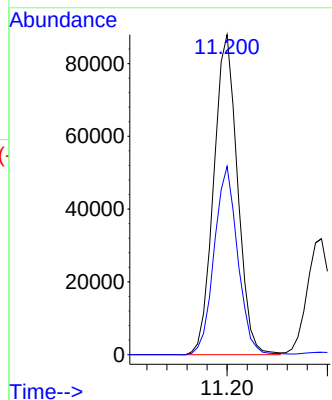
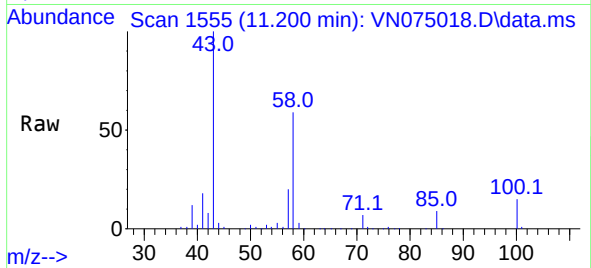




#59  
2-Hexanone  
Concen: 104.967 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

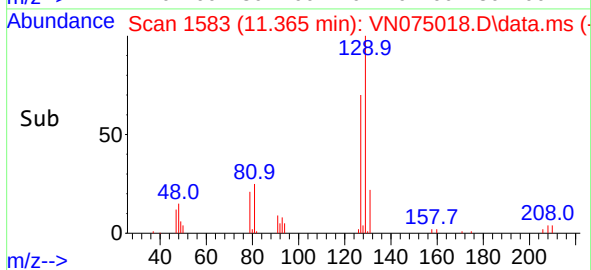
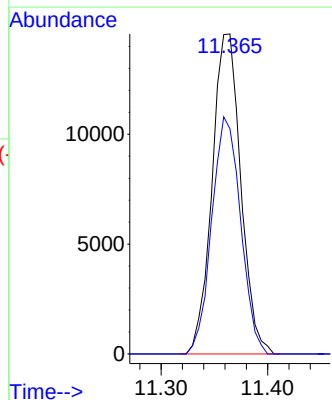
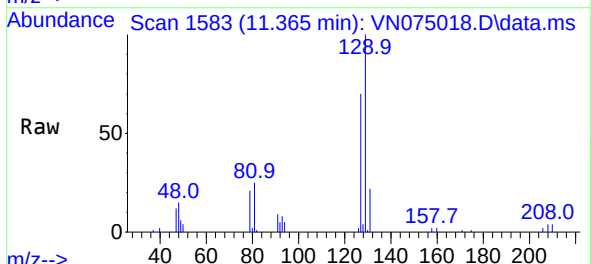
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ClientSampleId :  
VSTDICC020

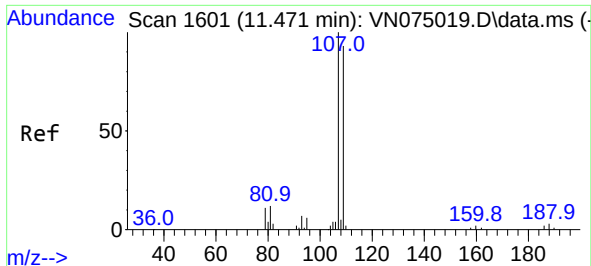
Tgt Ion: 43 Resp: 145044  
Ion Ratio Lower Upper  
43 100  
58 58.0 29.6 88.8



#60  
Dibromochloromethane  
Concen: 19.201 ug/l  
RT: 11.365 min Scan# 1583  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion:129 Resp: 27267  
Ion Ratio Lower Upper  
129 100  
127 74.4 38.6 115.8

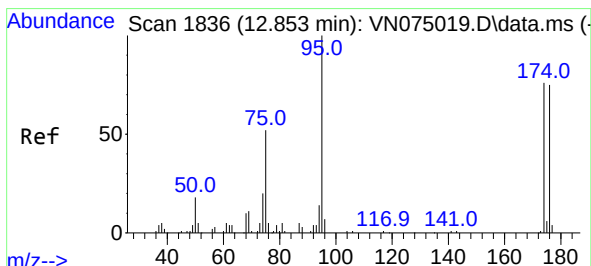
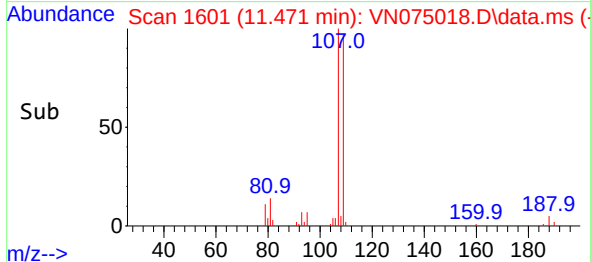
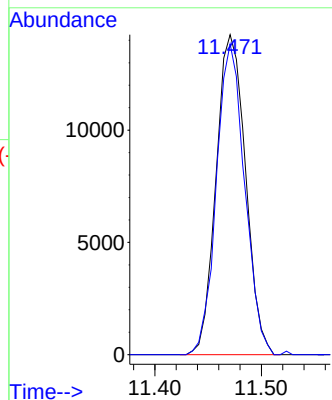
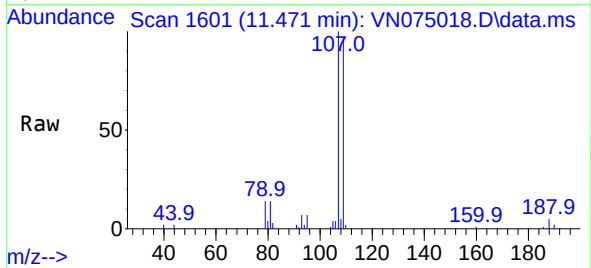




#61  
1,2-Dibromoethane  
Concen: 19.794 ug/l  
RT: 11.471 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

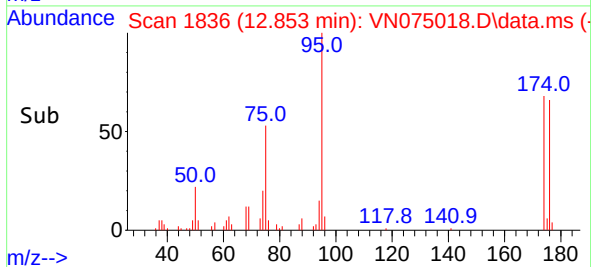
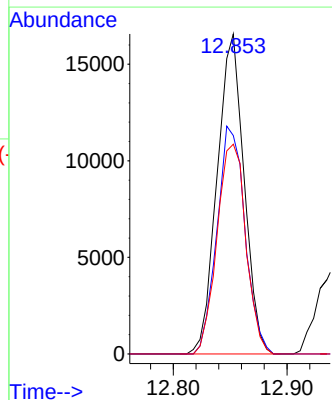
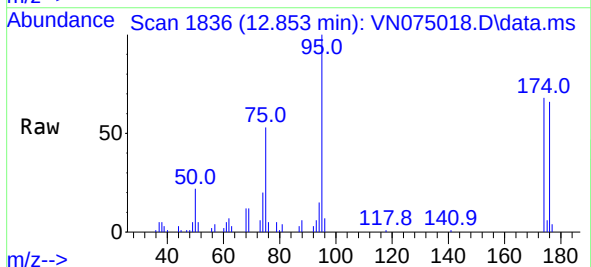
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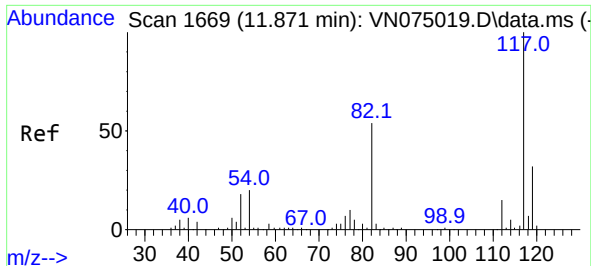
Tgt Ion:107 Resp: 27304  
Ion Ratio Lower Upper  
107 100  
109 93.4 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 18.667 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 95 Resp: 27255  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 147.4  
176 70.4 0.0 142.2

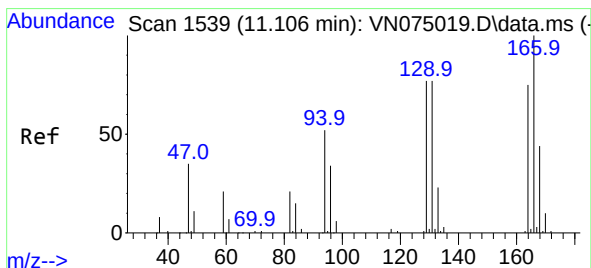
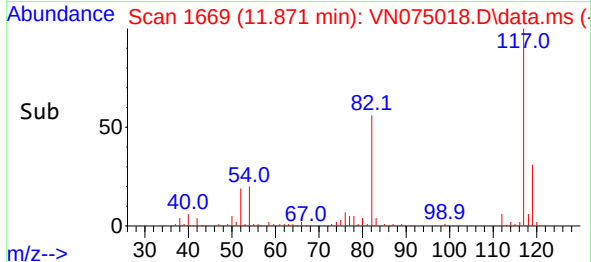
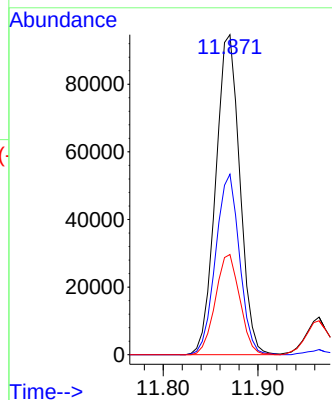
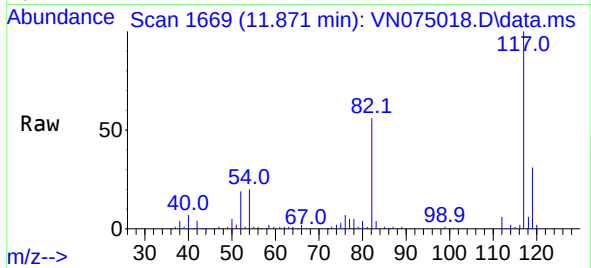




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

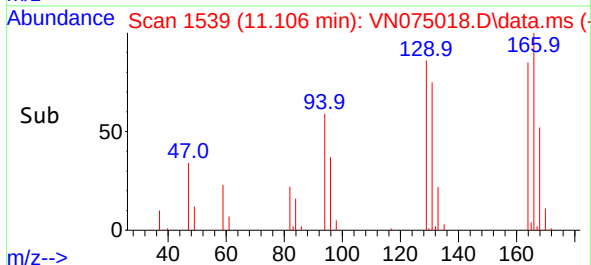
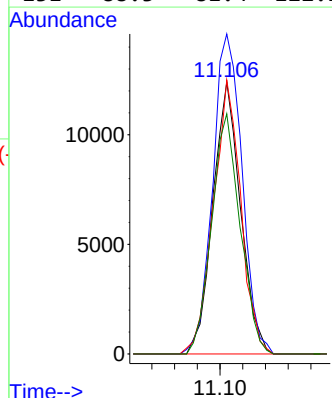
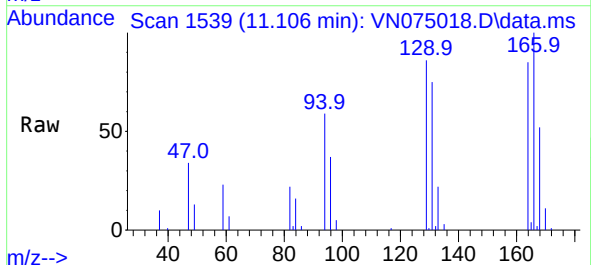
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ClientSampleId :  
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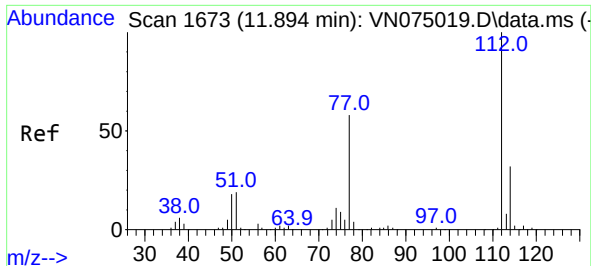
Tgt Ion:117 Resp: 168096  
Ion Ratio Lower Upper  
117 100  
82 56.4 43.1 64.7  
119 31.3 25.5 38.3



#64  
Tetrachloroethene  
Concen: 20.417 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion:164 Resp: 21041  
Ion Ratio Lower Upper  
164 100  
166 117.7 106.5 159.7  
129 100.8 81.9 122.9  
131 88.3 81.4 122.2

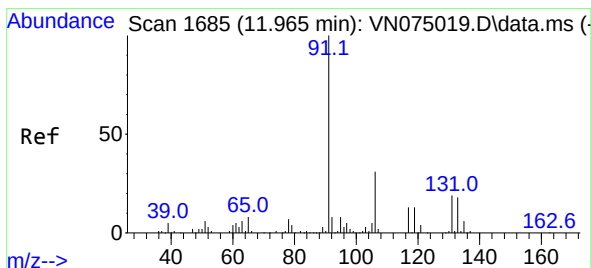
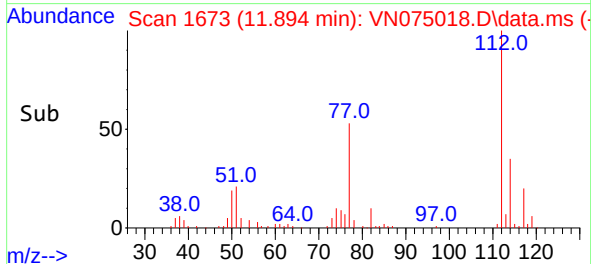
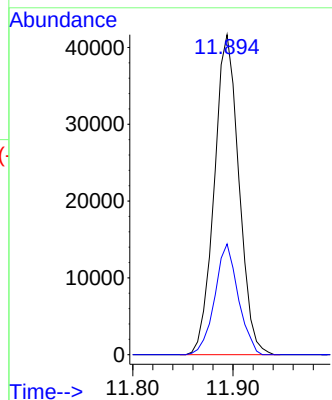
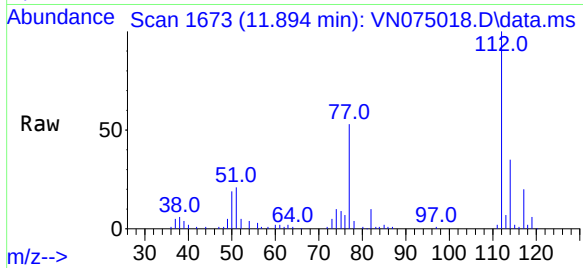




#65  
Chlorobenzene  
Concen: 19.812 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

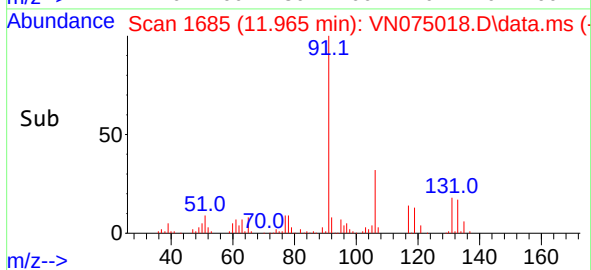
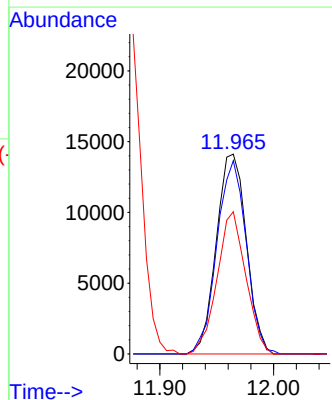
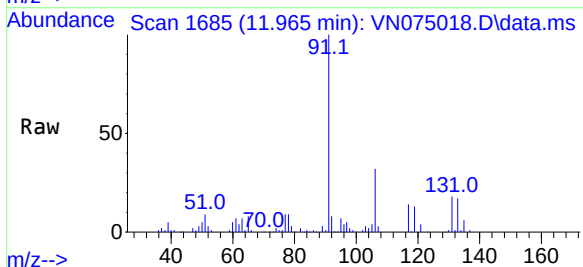
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ClientSampleId :  
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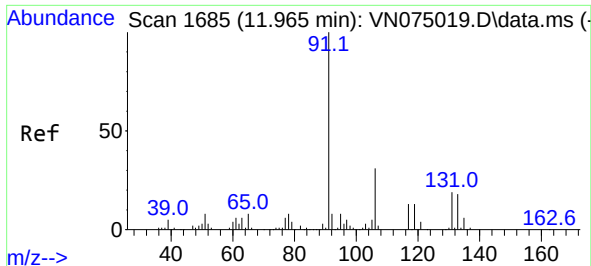
Tgt Ion:112 Resp: 71087  
Ion Ratio Lower Upper  
112 100  
114 34.6 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.522 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion:131 Resp: 25984  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.8 143.4  
119 68.1 33.0 99.0

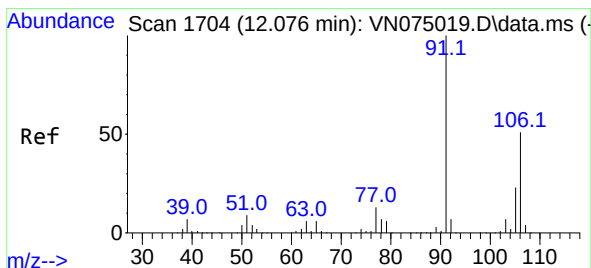
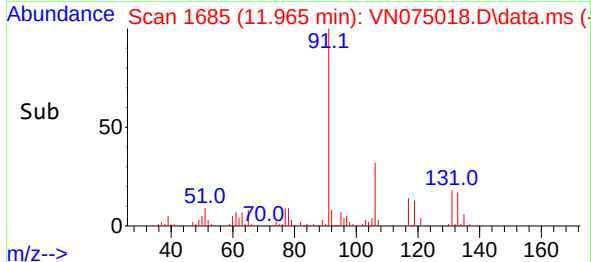
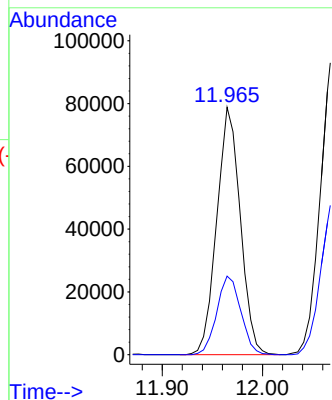
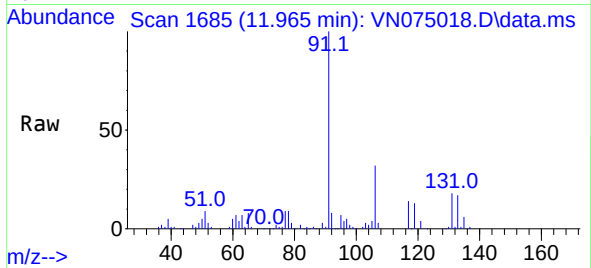




#67  
Ethyl Benzene  
Concen: 19.890 ug/l  
RT: 11.965 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

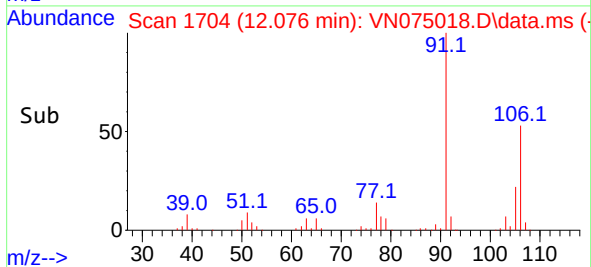
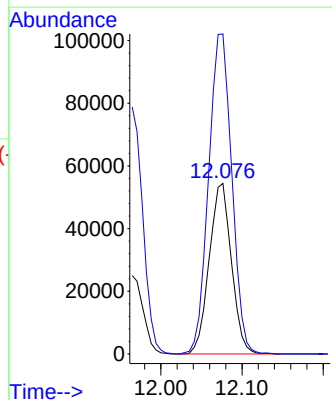
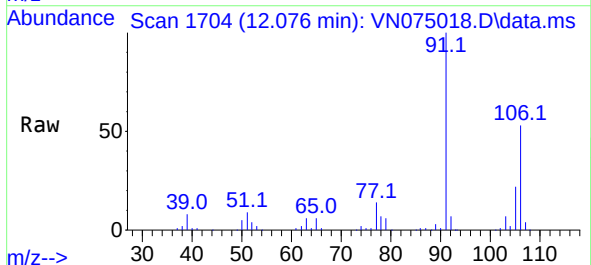
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MSVOA\_N  
ClientSampleId :  
VSTDIC020

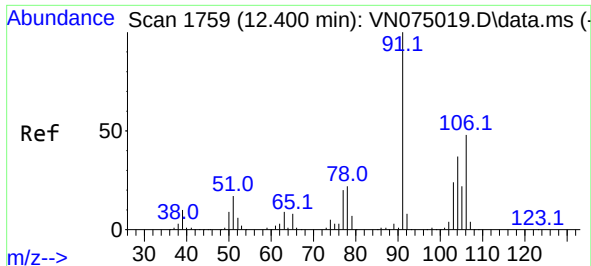
Tgt Ion: 91 Resp: 128401  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.9 37.3



#68  
m/p-Xylenes  
Concen: 39.889 ug/l  
RT: 12.076 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion:106 Resp: 103322  
Ion Ratio Lower Upper  
106 100  
91 196.2 156.0 234.0

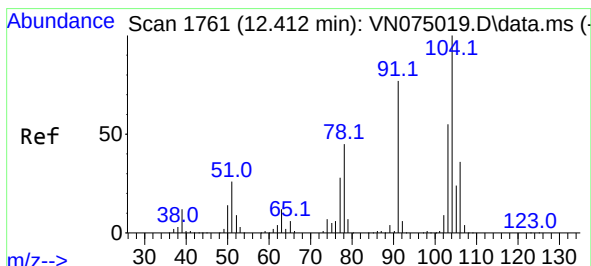
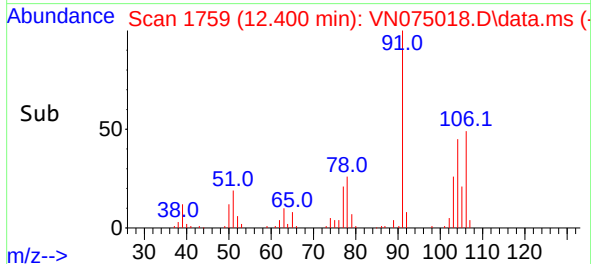
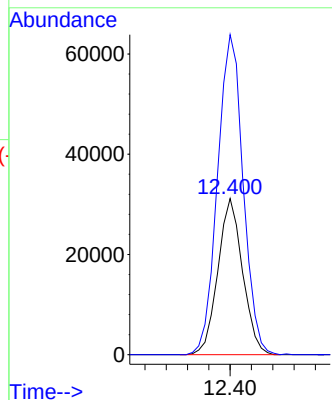
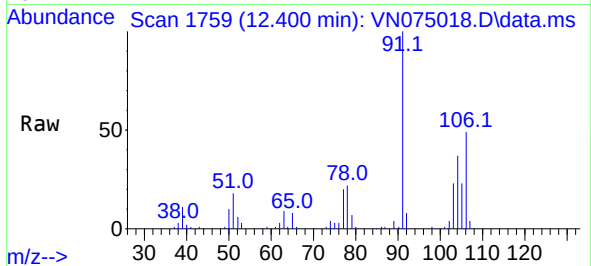




#69  
o-Xylene  
Concen: 19.552 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

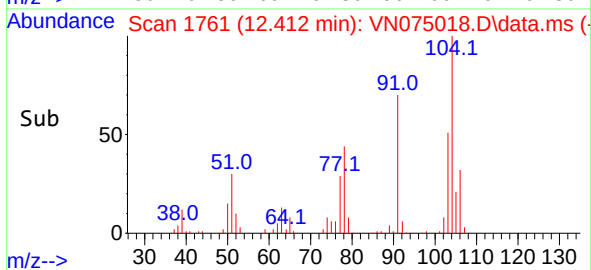
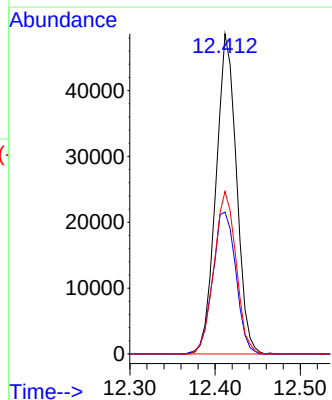
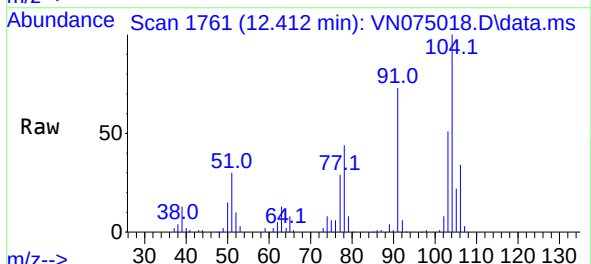
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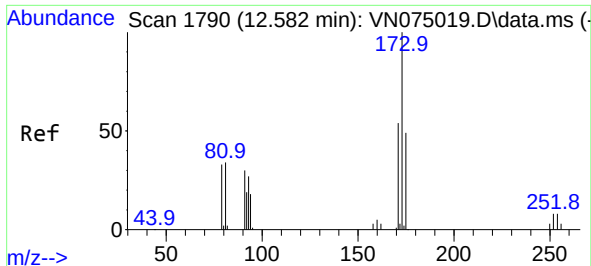
Tgt Ion:106 Resp: 50085  
Ion Ratio Lower Upper  
106 100  
91 212.9 105.2 315.5



#70  
Styrene  
Concen: 19.931 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion:104 Resp: 81407  
Ion Ratio Lower Upper  
104 100  
78 50.0 38.1 57.1  
103 54.6 44.6 66.8

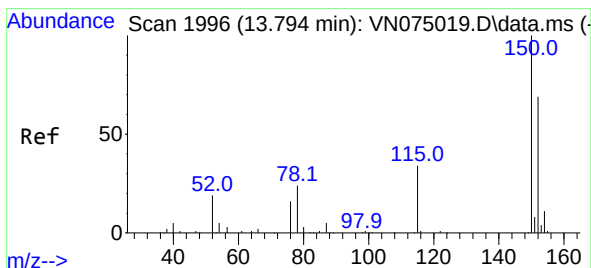
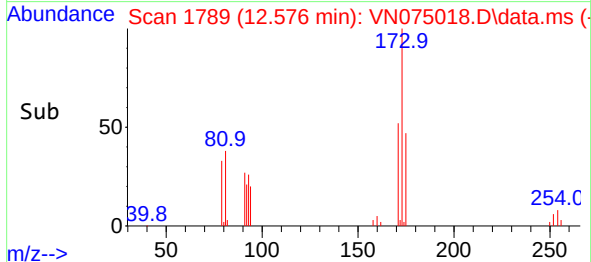
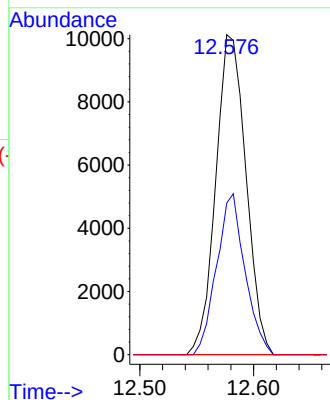
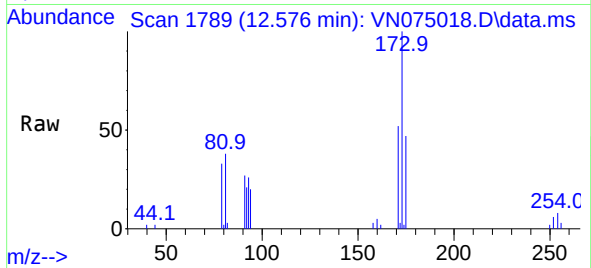




#71  
Bromoform  
Concen: 18.761 ug/l  
RT: 12.576 min Scan# 1790  
Delta R.T. -0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

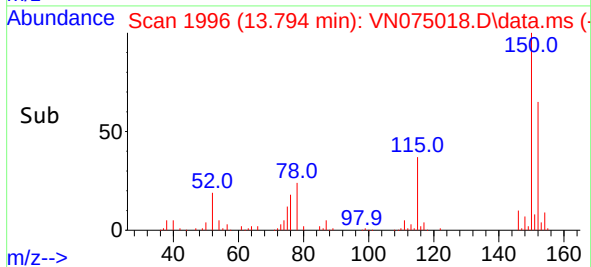
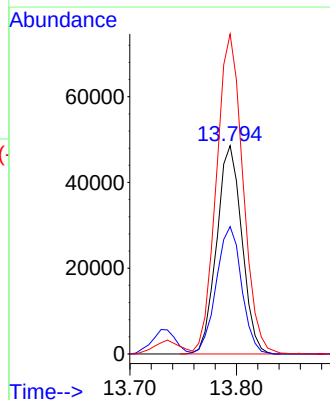
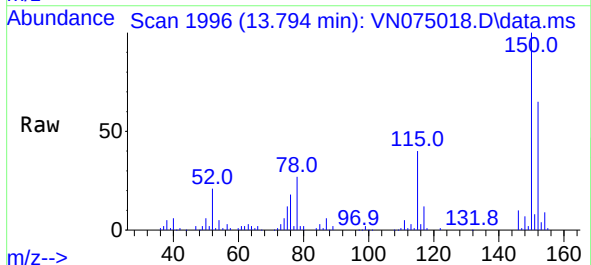
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion:173 Resp: 18696  
Ion Ratio Lower Upper  
173 100  
175 47.2 24.6 74.0  
254 0.0 0.0 0.0

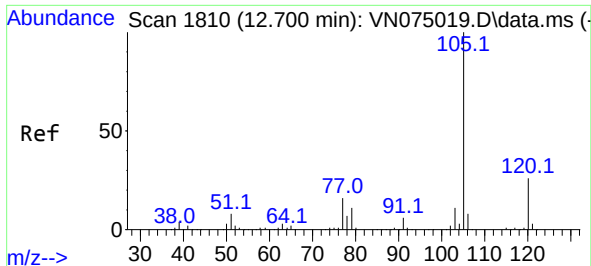


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion:152 Resp: 79639  
Ion Ratio Lower Upper  
152 100  
115 61.6 30.2 90.6  
150 162.0 0.0 348.4



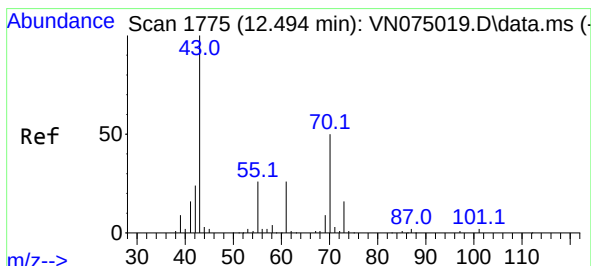
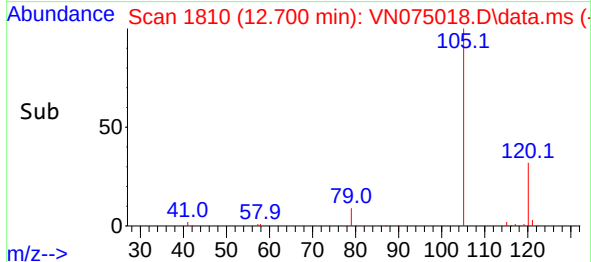
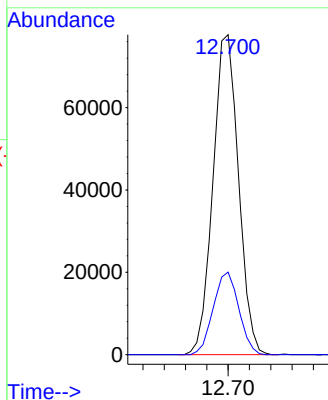
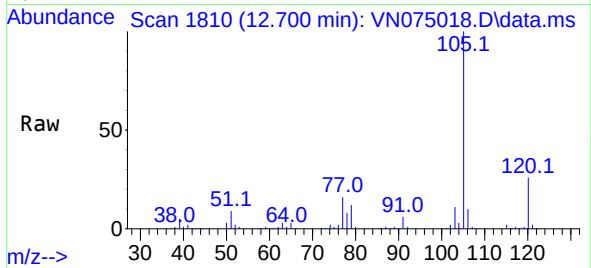




#73  
Isopropylbenzene  
Concen: 20.197 ug/l  
RT: 12.700 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

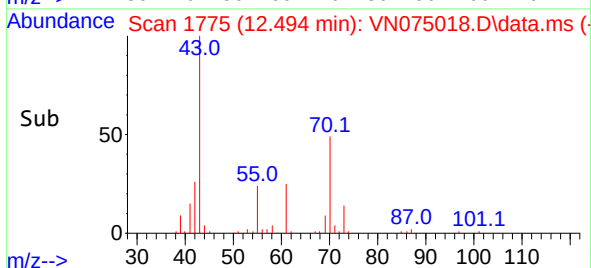
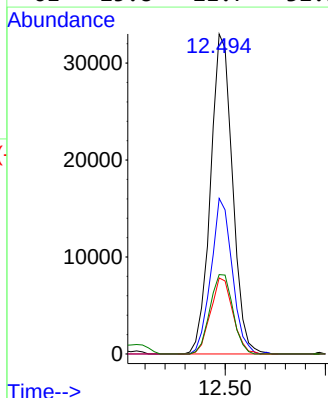
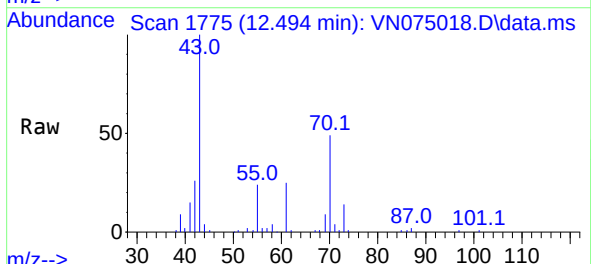
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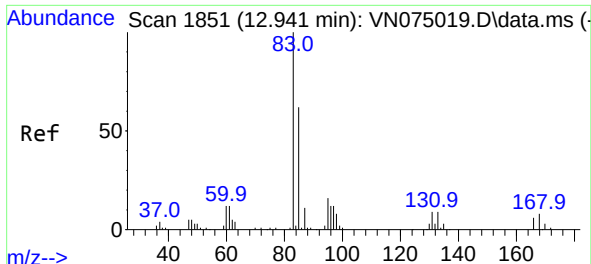
Tgt Ion:105 Resp: 129128  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.1 39.1



#74  
N-ethyl acetate  
Concen: 21.212 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 43 Resp: 50160  
Ion Ratio Lower Upper  
43 100  
70 47.3 39.8 59.8  
55 24.1 19.9 29.9  
61 25.8 21.7 32.5

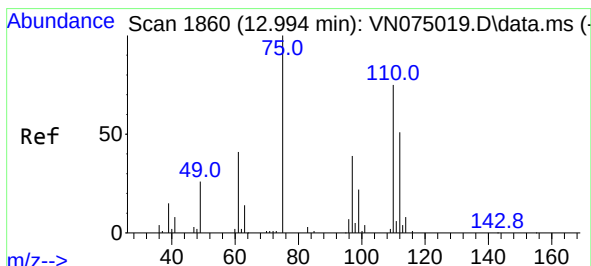
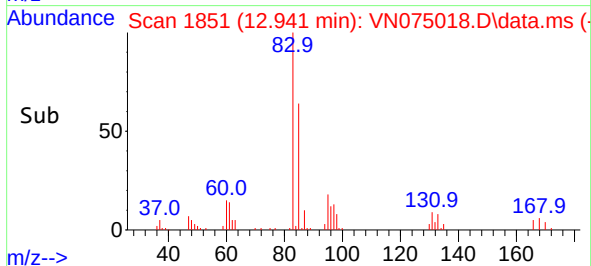
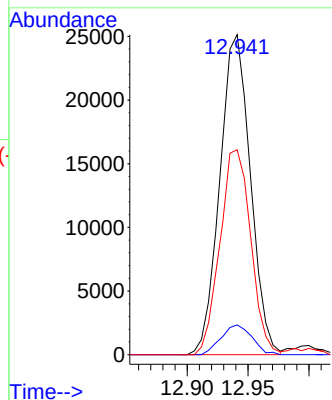
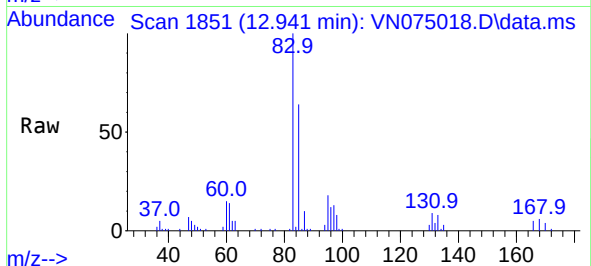




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.079 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

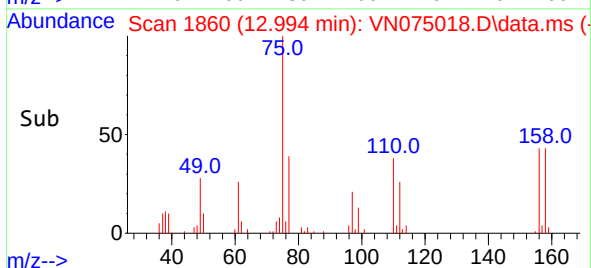
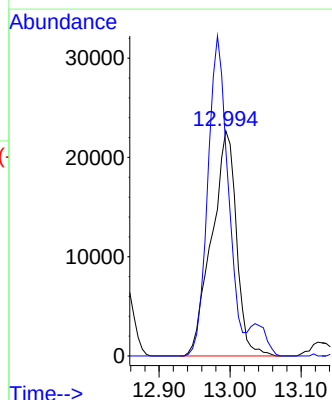
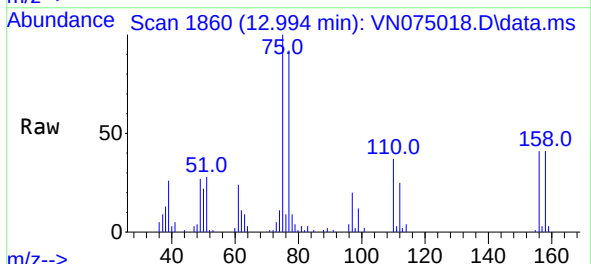
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ClientSampleId :  
VSTDICC020

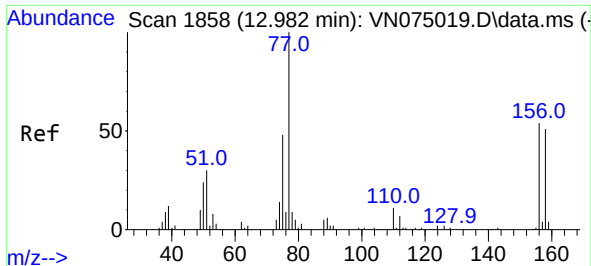
Tgt Ion: 83 Resp: 43961  
Ion Ratio Lower Upper  
83 100  
131 9.4 5.1 15.3  
85 64.5 31.6 94.7



#76  
1,2,3-Trichloropropane  
Concen: 29.023 ug/l  
RT: 12.994 min Scan# 1860  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 75 Resp: 54683  
Ion Ratio Lower Upper  
75 100  
77 117.6 75.6 226.8

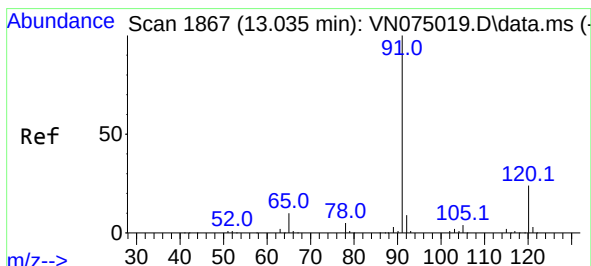
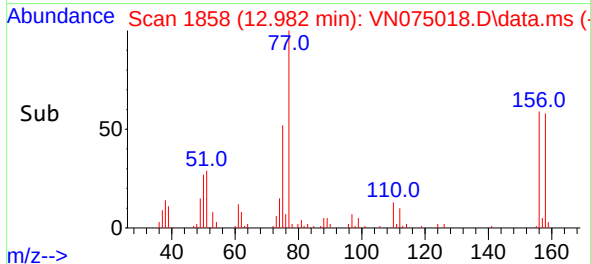
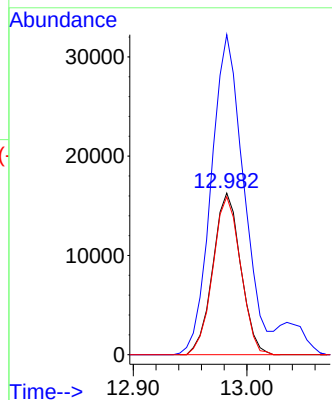
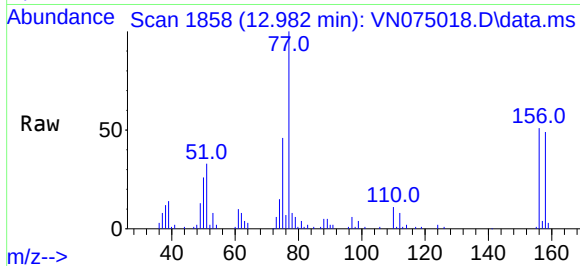




#77  
Bromobenzene  
Concen: 19.745 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

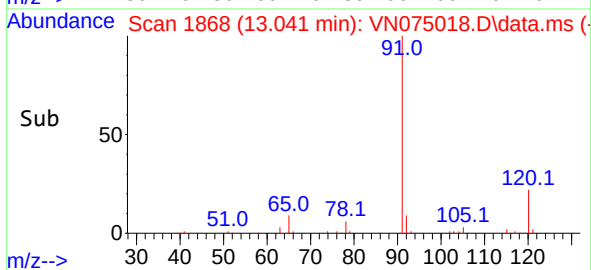
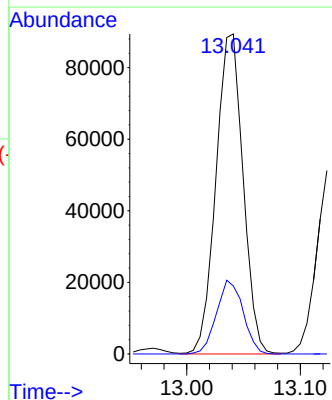
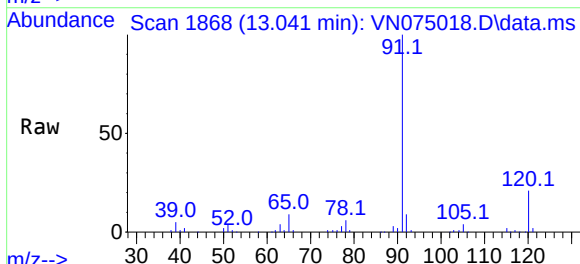
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

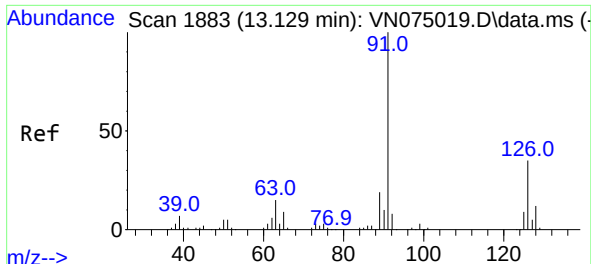
Tgt Ion:156 Resp: 27797  
Ion Ratio Lower Upper  
156 100  
77 231.3 108.5 325.5  
158 97.2 47.7 143.1



#78  
n-propylbenzene  
Concen: 20.645 ug/l  
RT: 13.041 min Scan# 1868  
Delta R.T. 0.006 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 91 Resp: 148195  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.953 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

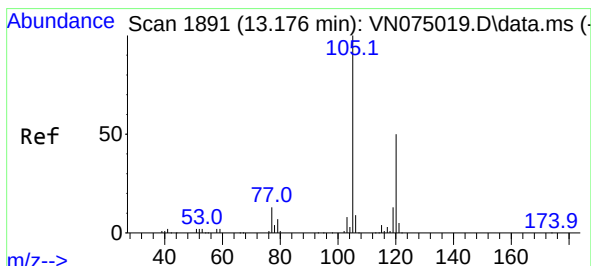
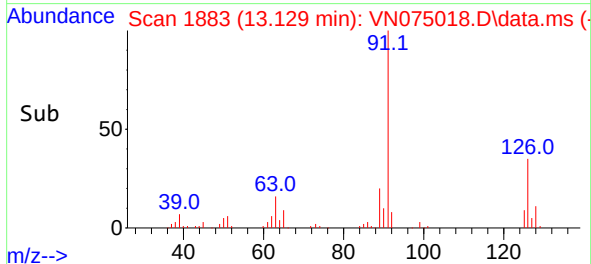
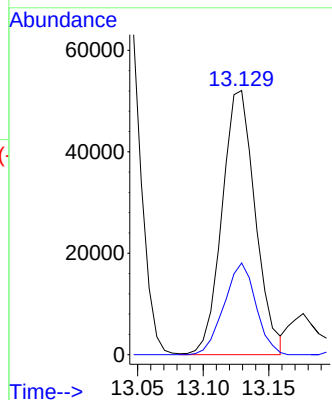
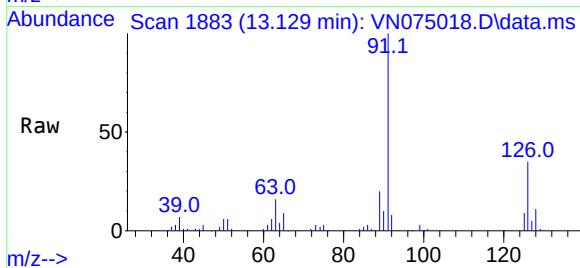
VSTDIC020

Tgt Ion: 91 Resp: 91907

Ion Ratio Lower Upper

91 100

126 33.1 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 20.298 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN075018.D

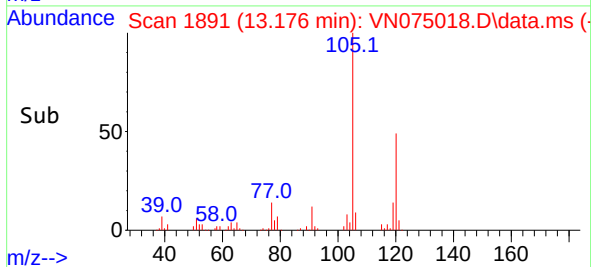
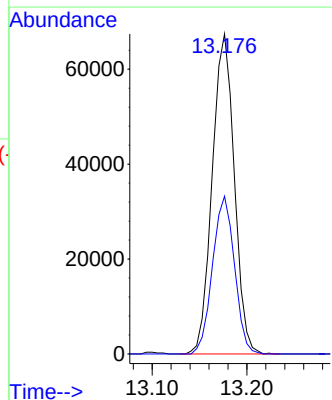
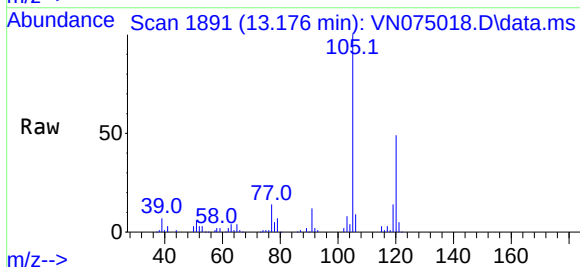
Acq: 26 Oct 2022 11:49

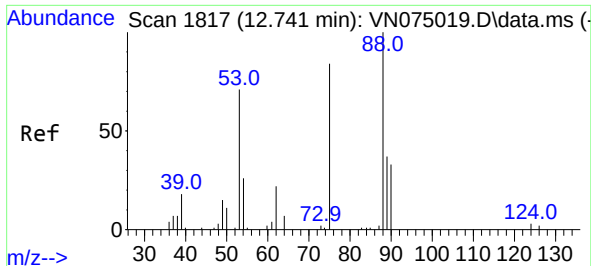
Tgt Ion: 105 Resp: 109003

Ion Ratio Lower Upper

105 100

120 49.0 24.7 74.1

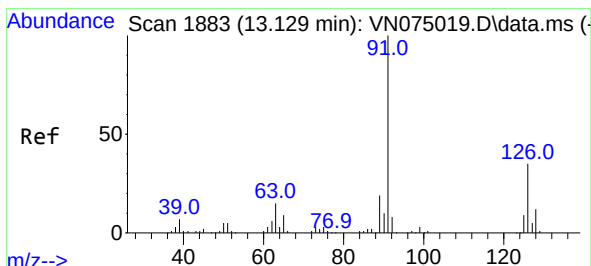
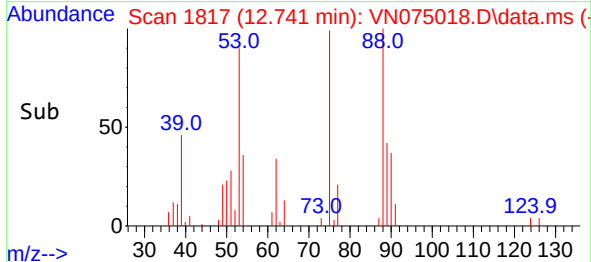
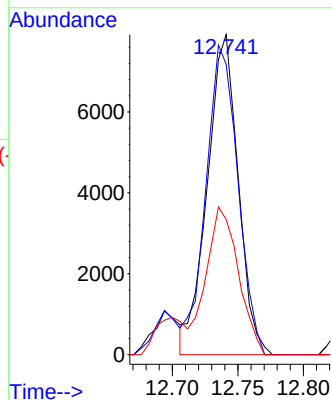
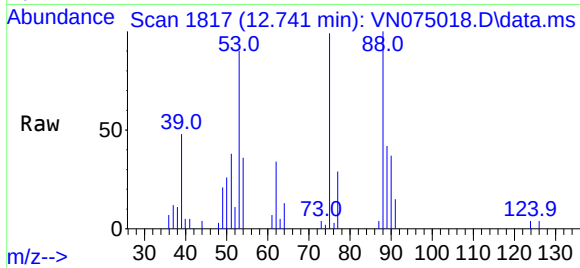




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.668 ug/l  
RT: 12.741 min Scan# 1817  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

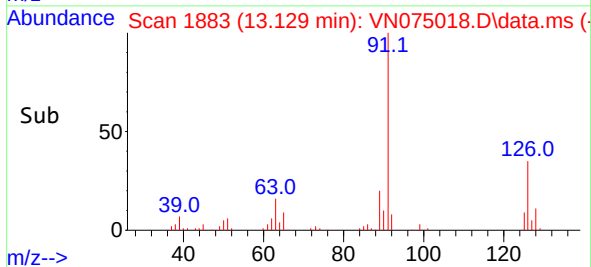
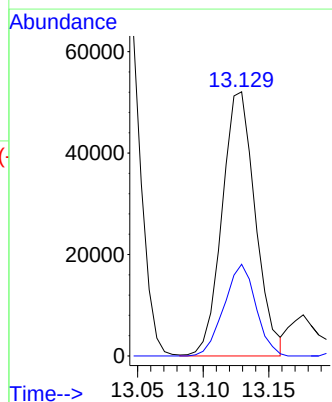
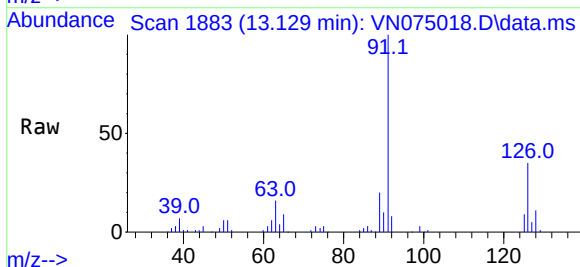
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

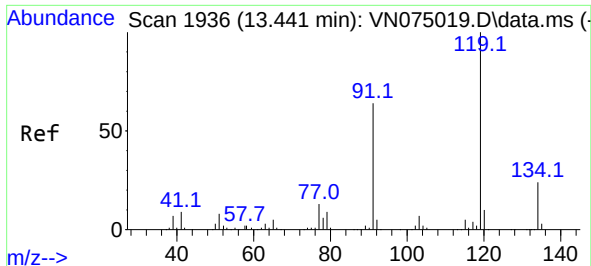
Tgt Ion: 75 Resp: 12956  
Ion Ratio Lower Upper  
75 100  
53 100.5 78.5 117.7  
89 48.2 37.7 56.5



#82  
4-Chlorotoluene  
Concen: 20.953 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 91 Resp: 91907  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.9 50.7

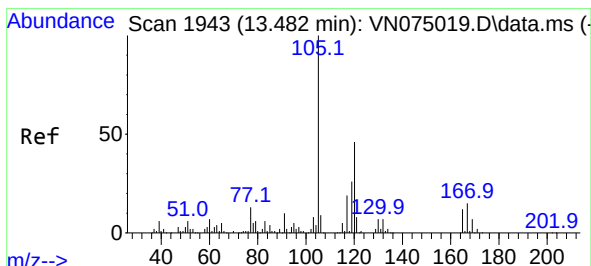
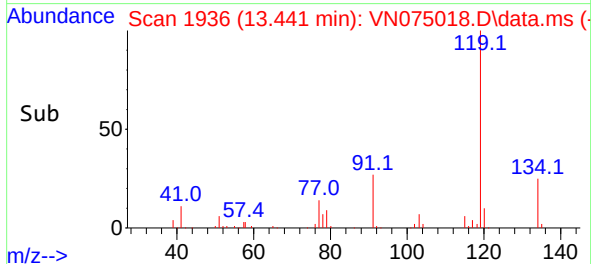
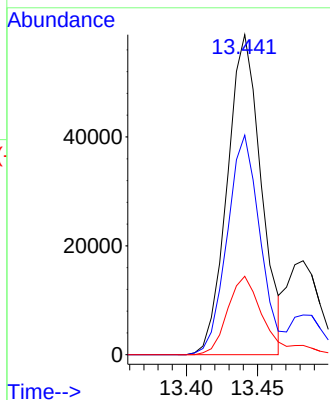
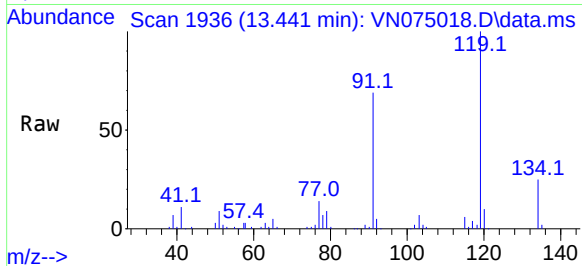




#83  
tert-Butylbenzene  
Concen: 20.483 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

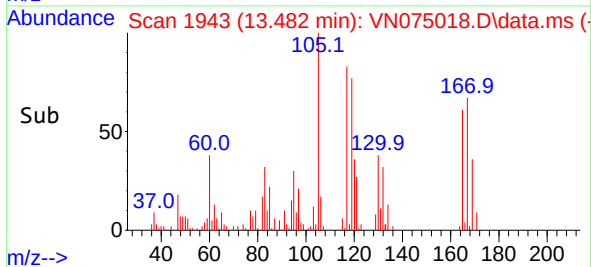
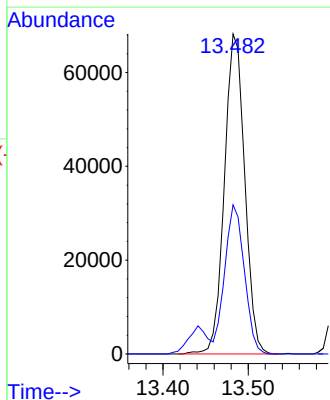
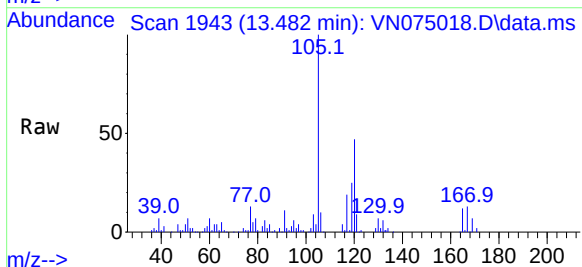
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

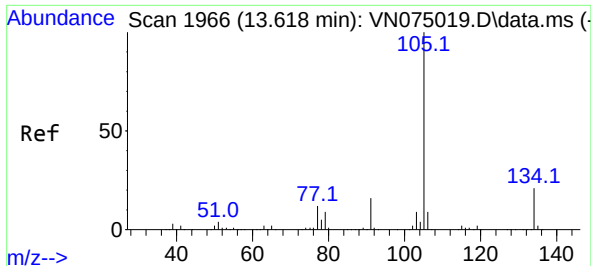
Tgt Ion:119 Resp: 97738  
Ion Ratio Lower Upper  
119 100  
91 67.6 32.8 98.4  
134 26.7 12.3 36.9



#84  
1,2,4-Trimethylbenzene  
Concen: 20.775 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion:105 Resp: 112880  
Ion Ratio Lower Upper  
105 100  
120 44.9 22.7 68.1

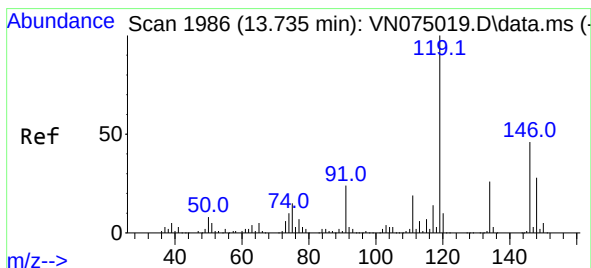
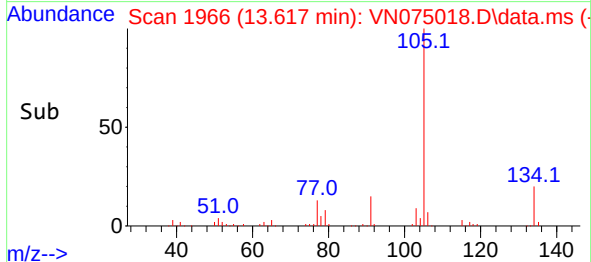
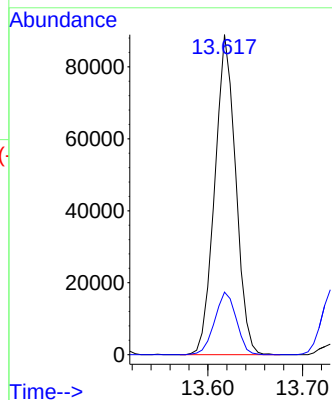
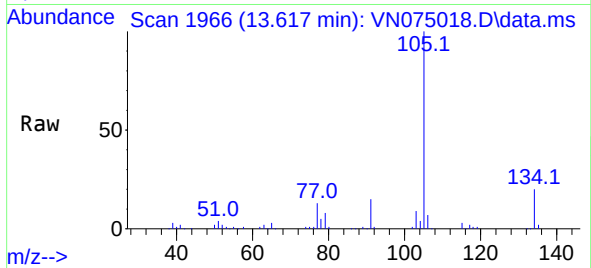




#85  
 sec-Butylbenzene  
 Concen: 20.441 ug/l  
 RT: 13.617 min Scan# 1966  
 Delta R.T. -0.000 min  
 Lab File: VN075018.D  
 Acq: 26 Oct 2022 11:49

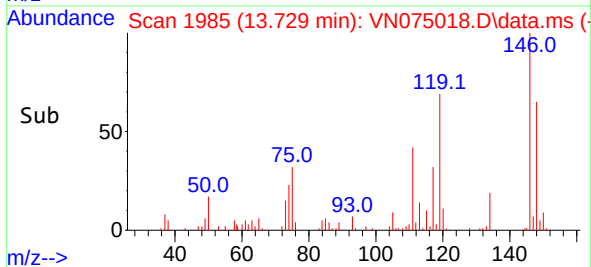
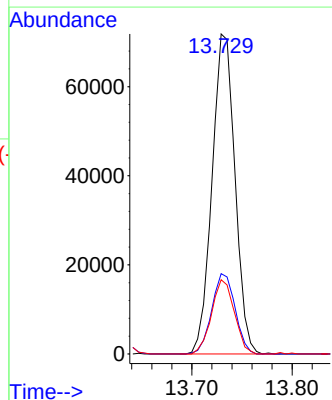
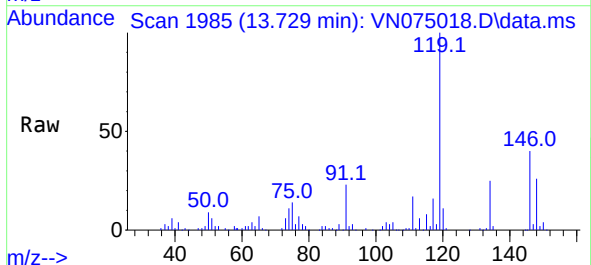
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

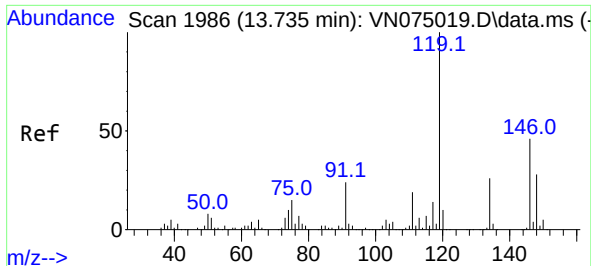
Tgt Ion:105 Resp: 136447  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 20.703 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. -0.006 min  
 Lab File: VN075018.D  
 Acq: 26 Oct 2022 11:49

Tgt Ion:119 Resp: 114133  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 13.1 39.3  
 91 23.0 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.579 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

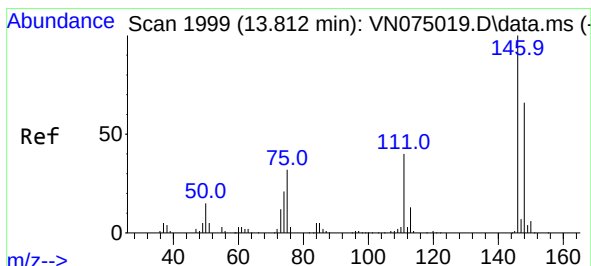
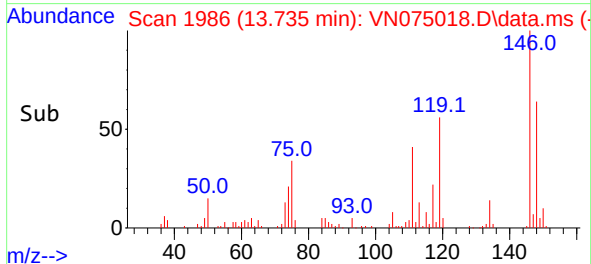
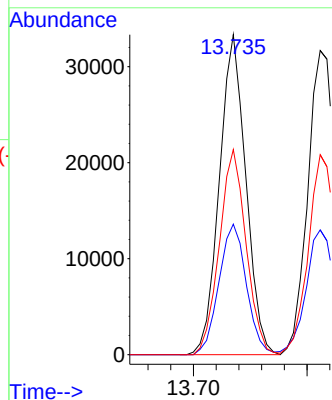
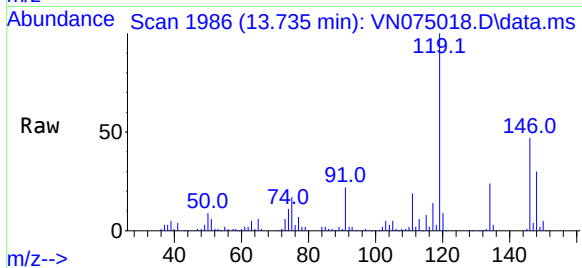
Tgt Ion:146 Resp: 53966

Ion Ratio Lower Upper

146 100

111 42.3 20.8 62.5

148 64.9 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 19.956 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

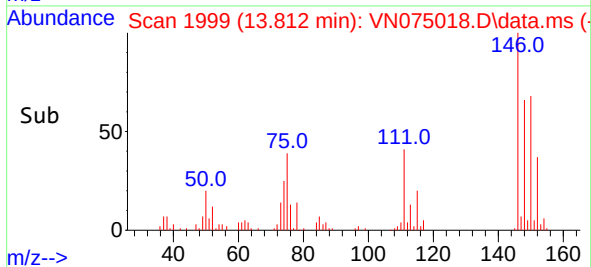
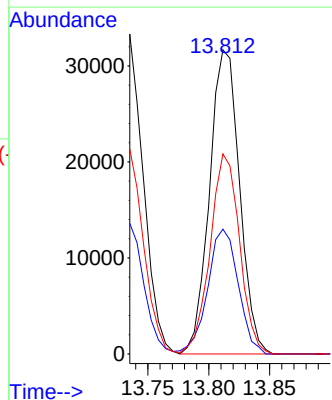
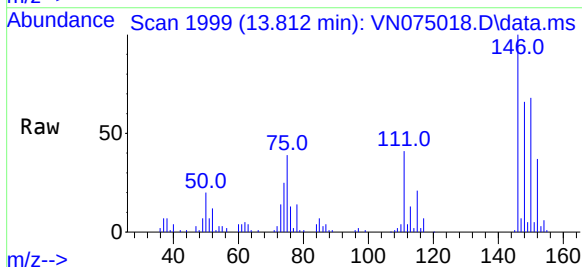
Tgt Ion:146 Resp: 54437

Ion Ratio Lower Upper

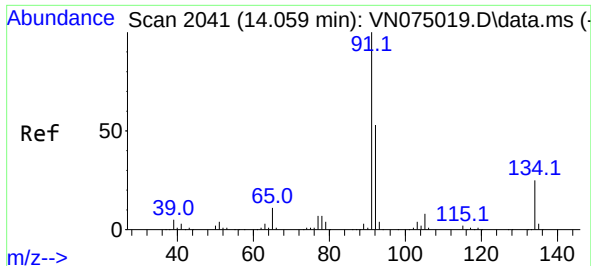
146 100

111 41.9 20.1 60.3

148 64.4 31.9 95.7



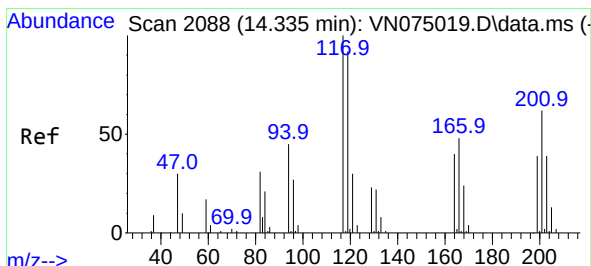
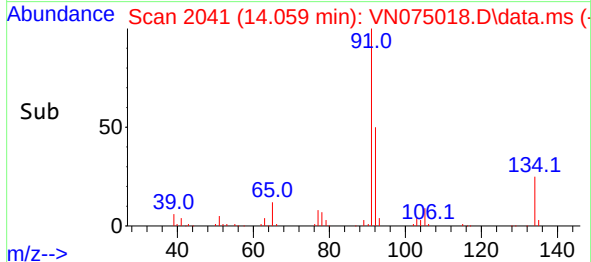
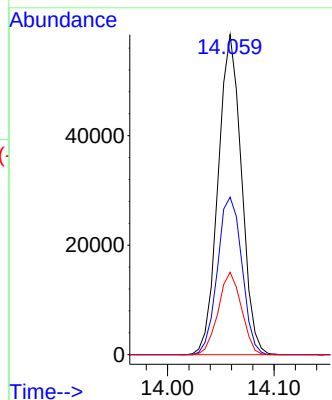
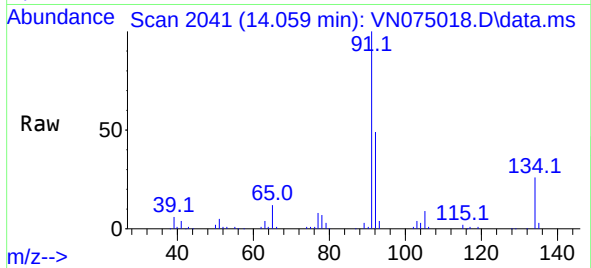




#89  
n-Butylbenzene  
Concen: 20.019 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

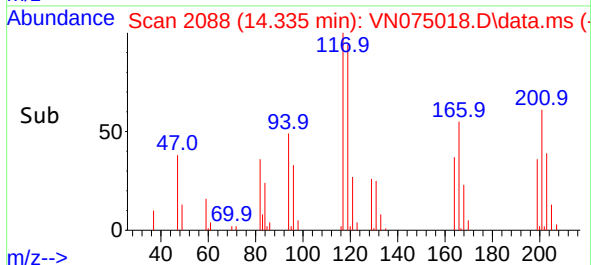
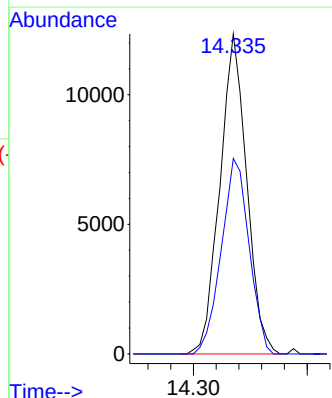
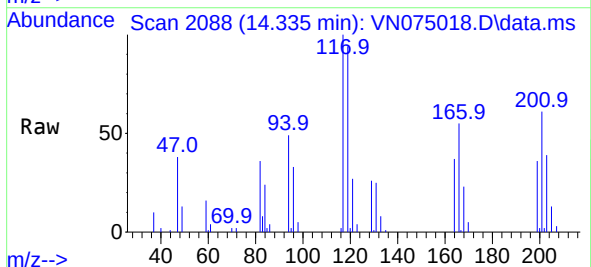
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

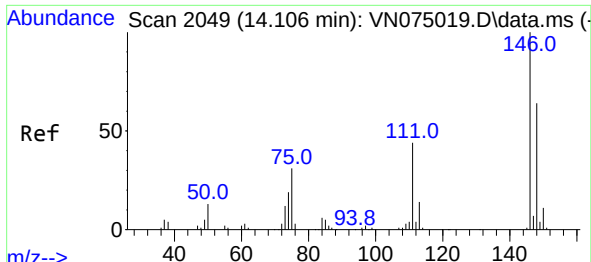
Tgt Ion: 91 Resp: 88871  
Ion Ratio Lower Upper  
91 100  
92 51.6 26.5 79.4  
134 25.7 13.0 39.0



#90  
Hexachloroethane  
Concen: 19.997 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion: 117 Resp: 20212  
Ion Ratio Lower Upper  
117 100  
201 63.4 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 19.755 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC020

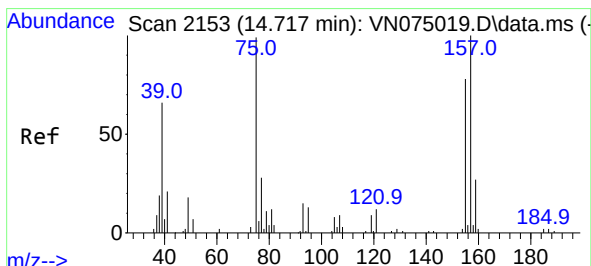
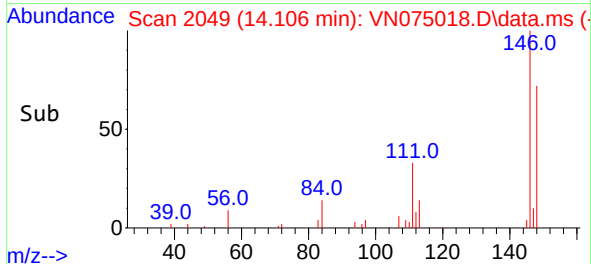
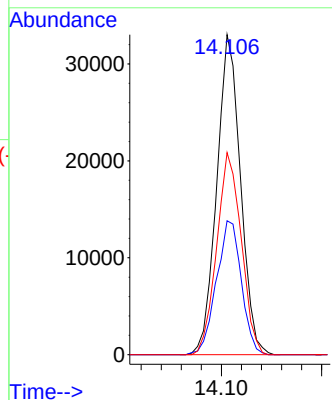
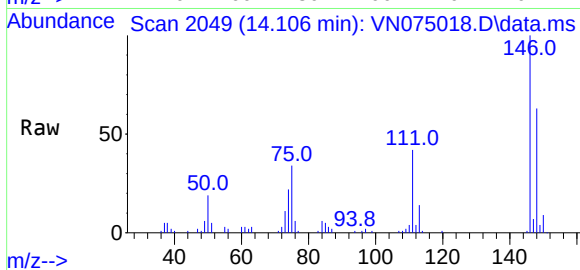
Tgt Ion:146 Resp: 54134

Ion Ratio Lower Upper

146 100

111 44.0 21.3 63.9

148 65.3 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.252 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

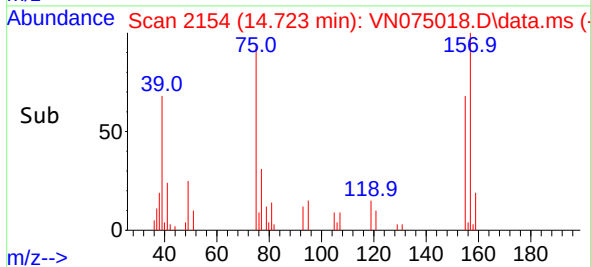
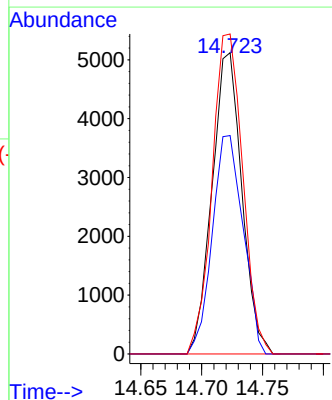
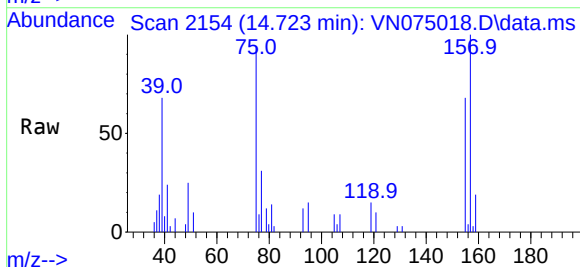
Tgt Ion: 75 Resp: 8734

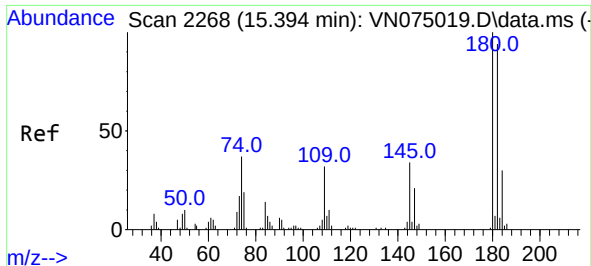
Ion Ratio Lower Upper

75 100

155 75.0 42.1 126.3

157 108.8 51.7 155.1

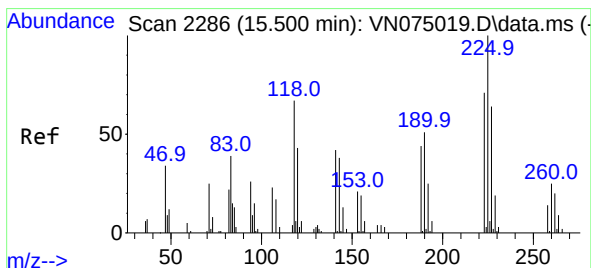
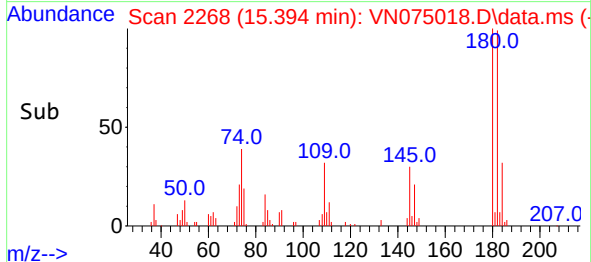
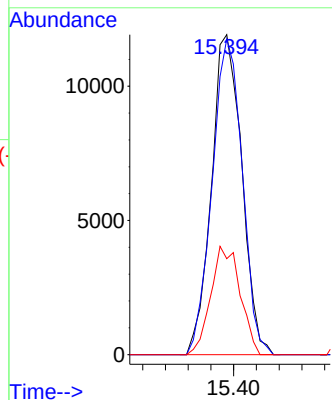
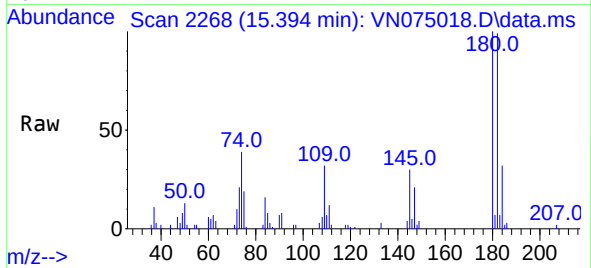




#93  
1,2,4-Trichlorobenzene  
Concen: 18.767 ug/l  
RT: 15.394 min Scan# 2268  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

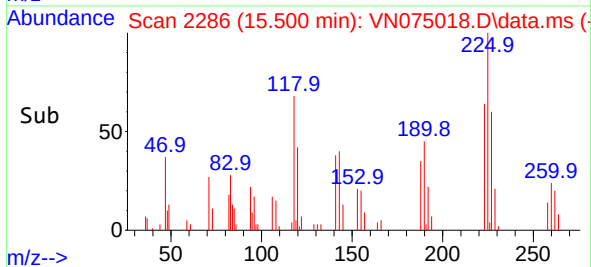
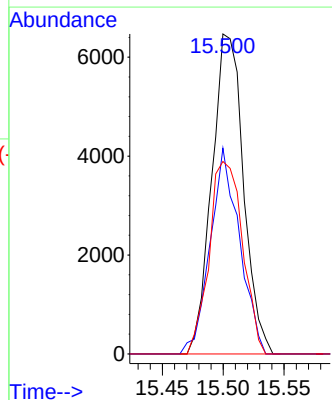
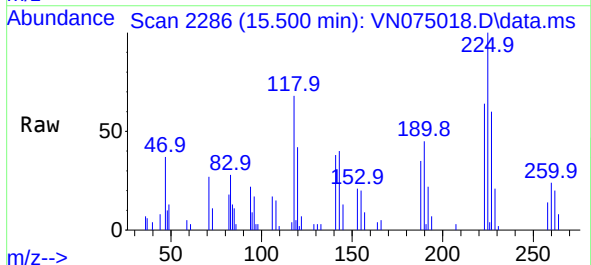
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

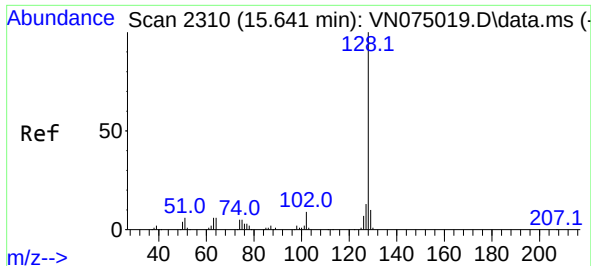
Tgt Ion:180 Resp: 22130  
Ion Ratio Lower Upper  
180 100  
182 97.9 47.8 143.4  
145 32.7 16.8 50.3



#94  
Hexachlorobutadiene  
Concen: 20.327 ug/l  
RT: 15.500 min Scan# 2286  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Tgt Ion:225 Resp: 11685  
Ion Ratio Lower Upper  
225 100  
223 59.6 32.3 96.9  
227 63.4 32.0 96.2

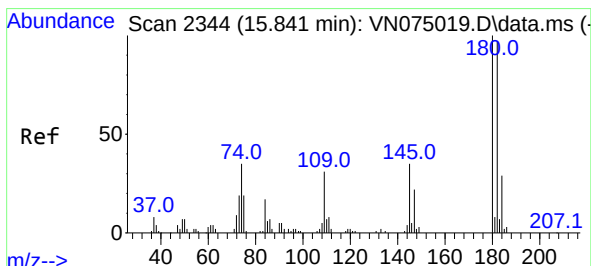
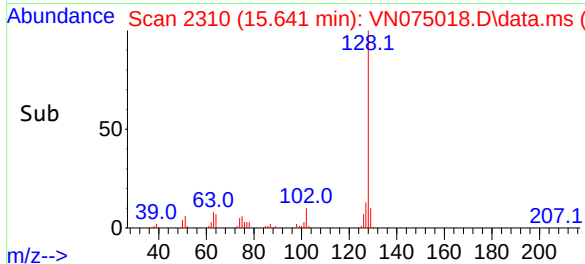
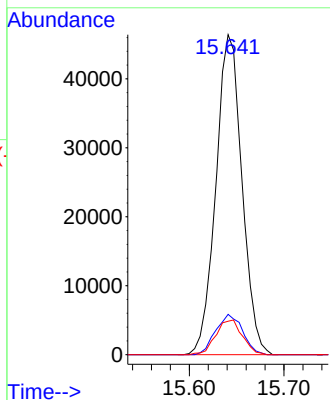
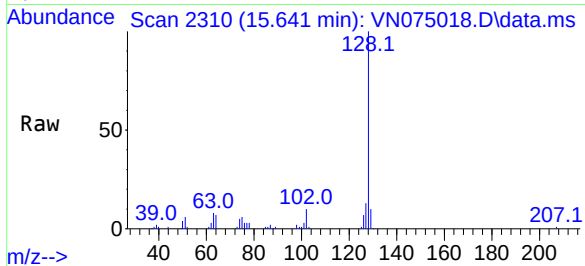




#95  
Naphthalene  
Concen: 19.568 ug/l  
RT: 15.641 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 88734 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.1  | 10.4  | 15.6  |
| 129       | 11.1  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.603 ug/l  
RT: 15.841 min Scan# 2344  
Delta R.T. -0.000 min  
Lab File: VN075018.D  
Acq: 26 Oct 2022 11:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 22968 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.4  | 47.3  | 141.8 |
| 145       | 34.6  | 17.6  | 52.9  |

