

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\  
 Data File : VN064253.D  
 Acq On : 22 Oct 2020 16:21  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Oct 23 01:58:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 21 12:48:40 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 299708   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 469494   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 429225   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 213841   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.98  | 65   | 219700   | 49.36 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.72%  |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 164423   | 52.68 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.36% |          |
| 50) Toluene-d8              | 10.06 | 98   | 597916   | 52.81 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.62% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 234780   | 51.15 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.30% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 172996   | 47.291  | ug/l  | 98     |
| 3) Chloromethane              | 2.04 | 50   | 176668   | 51.002  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.16 | 62   | 171667   | 49.987  | ug/l  | 100    |
| 5) Bromomethane               | 2.53 | 94   | 105533   | 47.144  | ug/l  | 95     |
| 6) Chloroethane               | 2.67 | 64   | 98981    | 47.345  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 2.98 | 101  | 283023   | 50.114  | ug/l  | 99     |
| 8) Diethyl Ether              | 3.37 | 74   | 92766    | 49.656  | ug/l  | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101  | 147303   | 50.439  | ug/l  | 100    |
| 10) Methyl Iodide             | 3.91 | 142  | 201930   | 48.623  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.73 | 59   | 141194   | 236.983 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.70 | 96   | 138906   | 49.451  | ug/l  | 96     |
| 13) Acrolein                  | 3.57 | 56   | 110904   | 296.534 | ug/l  | 99     |
| 14) Allyl chloride            | 4.27 | 41   | 276135   | 49.117  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.92 | 53   | 310483   | 252.015 | ug/l  | 99     |
| 16) Acetone                   | 3.77 | 43   | 352485   | 276.783 | ug/l  | 98     |
| 17) Carbon Disulfide          | 4.01 | 76   | 392080   | 48.934  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.27 | 43   | 160804   | 49.552  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73   | 471338   | 48.808  | ug/l  | 100    |
| 20) Methylene Chloride        | 4.50 | 84   | 158403   | 46.646  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 4.98 | 96   | 153032   | 49.406  | ug/l  | 96     |
| 22) Diisopropyl ether         | 5.90 | 45   | 497676   | 47.620  | ug/l  | 99     |
| 23) Vinyl Acetate             | 5.84 | 43   | 2310119  | 247.860 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.79 | 63   | 297495   | 49.137  | ug/l  | 100    |
| 25) 2-Butanone                | 6.78 | 43   | 519131   | 256.575 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 6.77 | 77   | 297427   | 49.346  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96   | 177646   | 49.248  | ug/l  | 96     |
| 28) Bromochloromethane        | 7.15 | 49   | 148874   | 51.761  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 7.16 | 42   | 300849   | 248.576 | ug/l  | 98     |
| 30) Chloroform                | 7.33 | 83   | 315899   | 48.916  | ug/l  | 100    |
| 31) Cyclohexane               | 7.61 | 56   | 237610   | 45.034  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 7.52 | 97   | 305094   | 50.430  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75   | 235462   | 50.306  | ug/l  | 98     |
| 37) Ethyl Acetate             | 6.88 | 43   | 214709   | 50.523  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 7.73 | 117  | 269610   | 50.627  | ug/l  | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Oct 23 01:58:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 21 12:48:40 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 217967   | 51.213   | ug/l   | 97       |
| 40) Benzene                    | 8.00  | 78   | 646768   | 50.057   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.12  | 41   | 103801   | 46.564   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 270381   | 48.850   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.12  | 43   | 391119   | 49.383   | ug/l # | 91       |
| 44) Trichloroethene            | 8.80  | 130  | 179320   | 50.931   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 174740   | 50.660   | ug/l   | 99       |
| 46) Dibromomethane             | 9.17  | 93   | 120820   | 52.165   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.37  | 83   | 265526   | 51.891   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.16  | 41   | 194950   | 47.120   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 49733    | 1027.368 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 1092352  | 258.064  | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 417486   | 50.498   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 298795   | 52.565   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 304209   | 50.828   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 158085   | 50.629   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 246154   | 50.985   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 277340   | 51.136   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 564237   | 226.956  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 822204   | 265.974  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 200856   | 49.691   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 171839   | 52.153   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.60 | 164  | 175442   | 50.771   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.41 | 112  | 450965   | 50.758   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 178390   | 50.583   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.48 | 91   | 838774   | 51.370   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.59 | 106  | 621326   | 102.705  | ug/l   | 97       |
| 69) o-Xylene                   | 11.92 | 106  | 293869   | 50.227   | ug/l   | 97       |
| 70) Styrene                    | 11.94 | 104  | 509580   | 51.960   | ug/l   | 100      |
| 71) Bromoform                  | 12.10 | 173  | 142723   | 52.388   | ug/l # | 96       |
| 73) Isopropylbenzene           | 12.22 | 105  | 804246   | 49.311   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.04 | 43   | 345534   | 49.030   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 214385   | 49.534   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 325316   | 72.162   | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 194540   | 50.525   | ug/l   | 98       |
| 78) n-propylbenzene            | 12.56 | 91   | 921896   | 50.133   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 565297   | 50.049   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 686969   | 49.823   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 88384    | 49.498   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 593147   | 50.344   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 550647   | 48.710   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 697612   | 50.834   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.14 | 105  | 722292   | 50.681   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 668767   | 51.531   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.25 | 146  | 347978   | 50.792   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 355546   | 50.703   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 589805   | 50.698   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 112162   | 47.720   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 338195   | 50.318   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 52089    | 48.242   | ug/l   | 96       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Oct 23 01:58:50 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 21 12:48:40 2020  
Response via : Initial Calibration

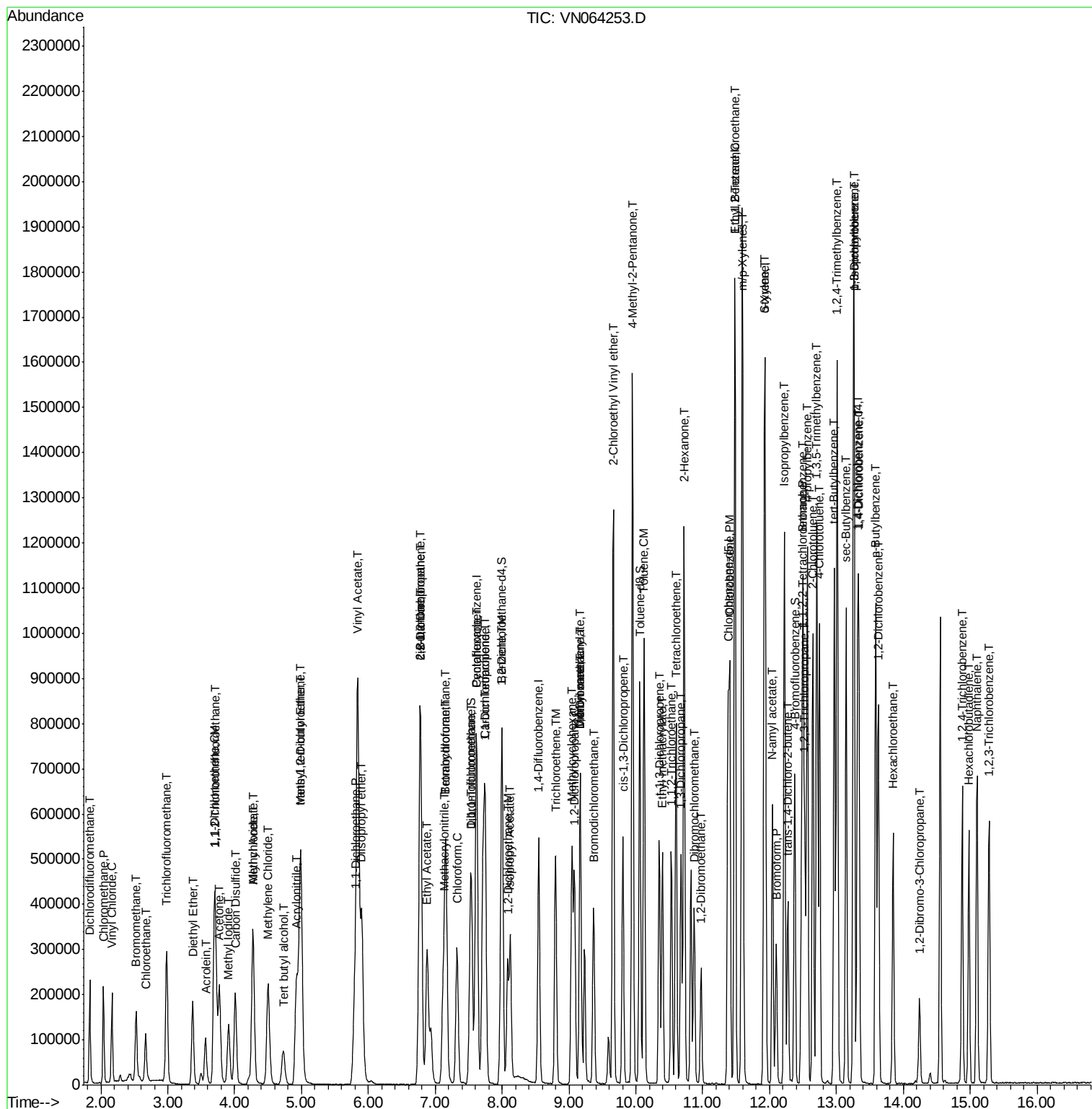
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 200288   | 53.132 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 102897   | 50.609 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 578374   | 51.234 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 185882   | 49.786 | ug/l  | 99       |

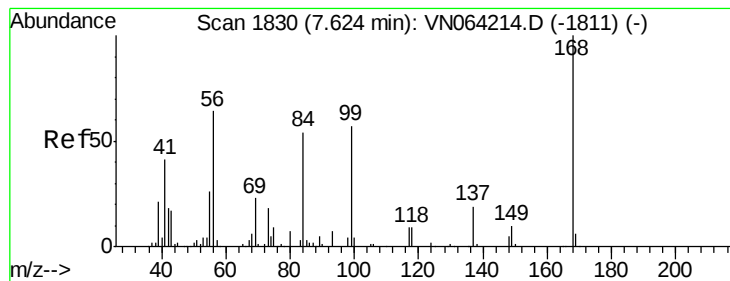
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\  
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Acq On : 22 Oct 2020 16:21  
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Sample : VSTDCCC050  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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Quant Time: Oct 23 01:58:50 2020  
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QLast Update : Wed Oct 21 12:48:40 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

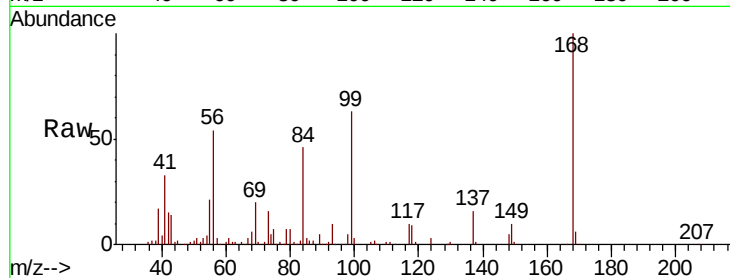
VSTDCCC050

Tot Ion:168 Resp: 299708

Ion Ratio Lower Upper

168 100

99 62.6 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

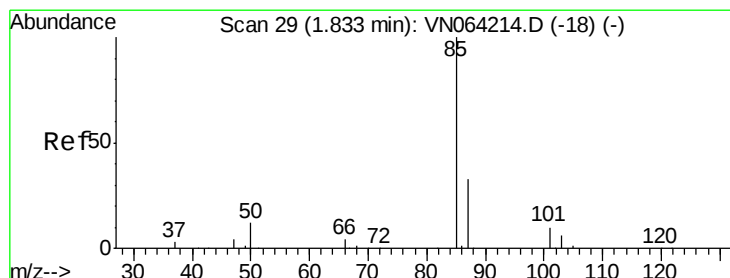
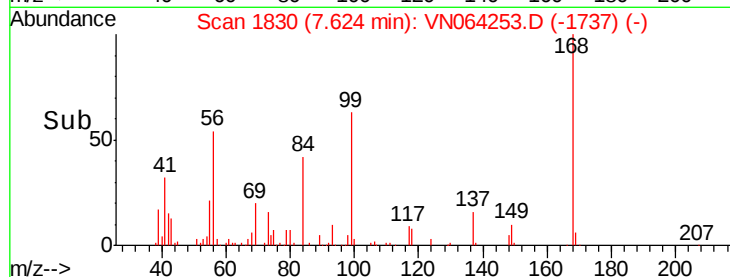
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50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.291 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064253.D

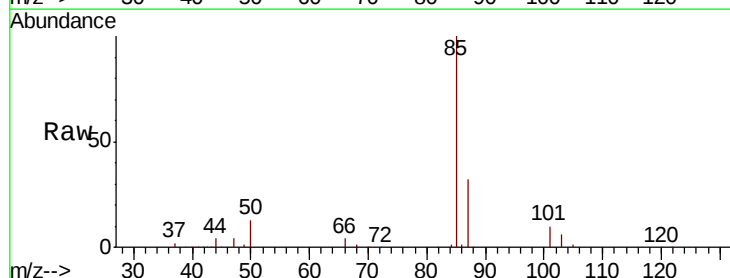
Acq: 22 Oct 2020 16:21

Tgt Ion: 85 Resp: 172996

Ion Ratio Lower Upper

85 100

87 32.1 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

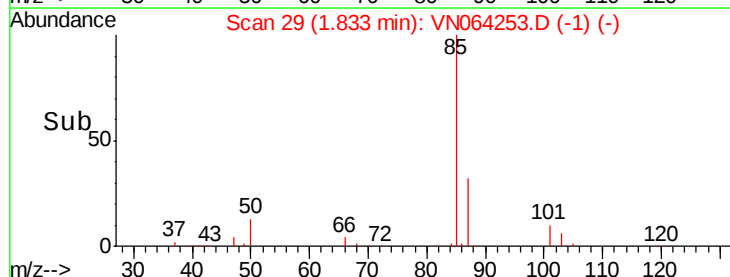
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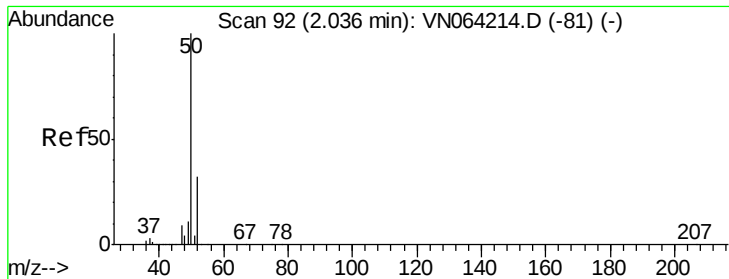
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 51.002 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

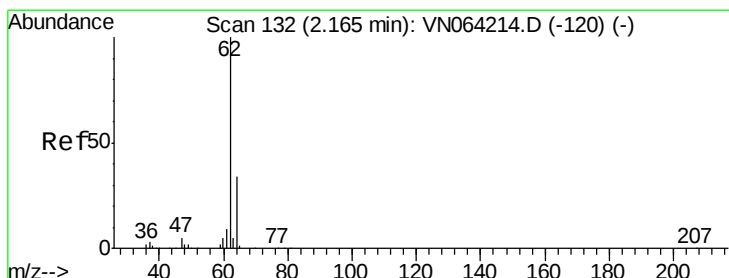
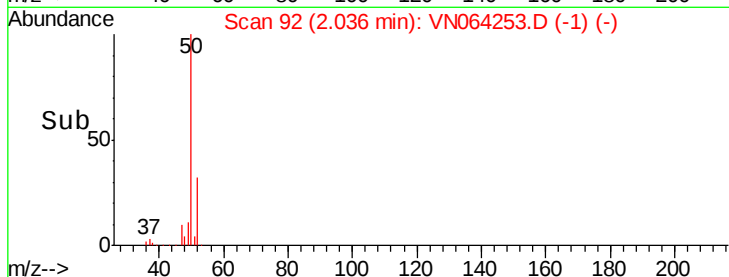
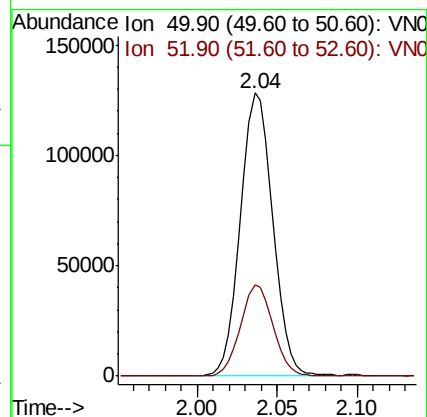
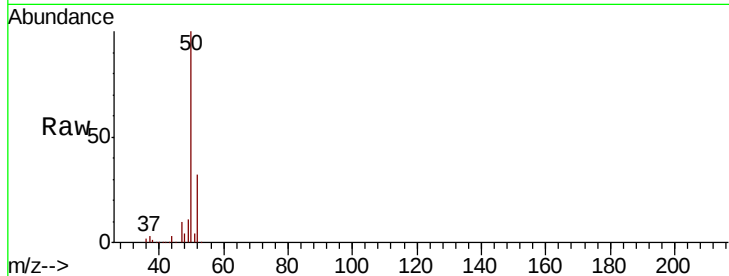
VSTDCCC050

Tot Ion: 50 Resp: 176668

Ion Ratio Lower Upper

50 100

52 32.3 25.3 37.9



#4

Vinyl Chloride

Concen: 49.987 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064253.D

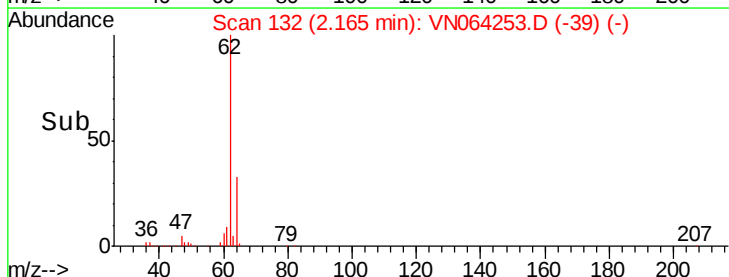
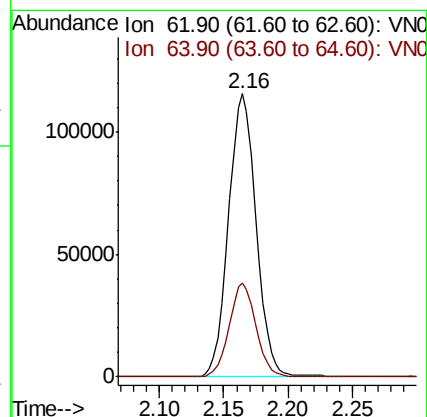
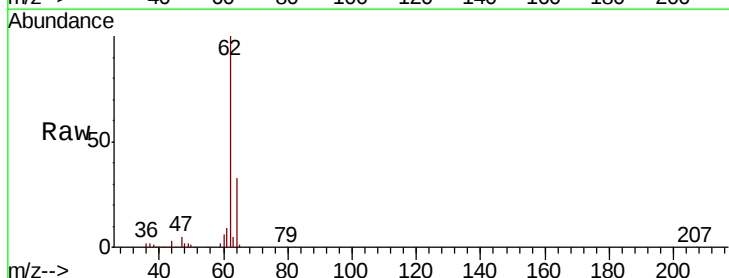
Acq: 22 Oct 2020 16:21

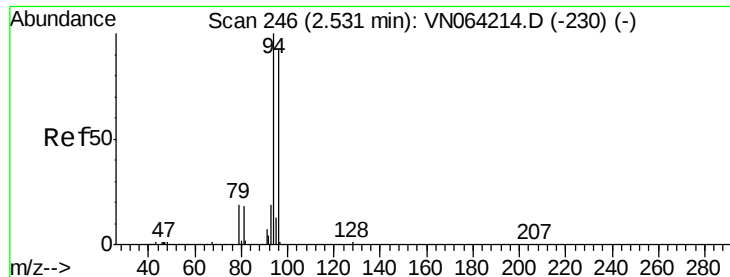
Tgt Ion: 62 Resp: 171667

Ion Ratio Lower Upper

62 100

64 33.4 26.8 40.2





#5

Bromomethane

Concen: 47.144 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

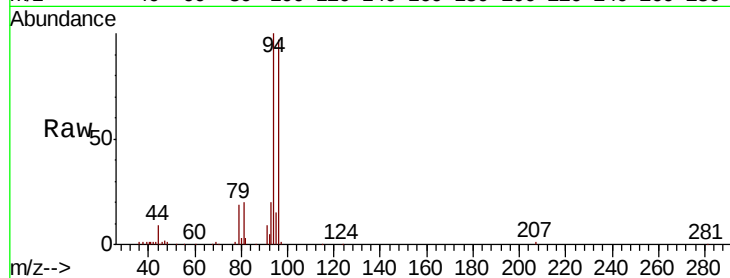
VSTDCCC050

Tot Ion: 94 Resp: 105533

Ion Ratio Lower Upper

94 100

96 97.3 74.2 111.4

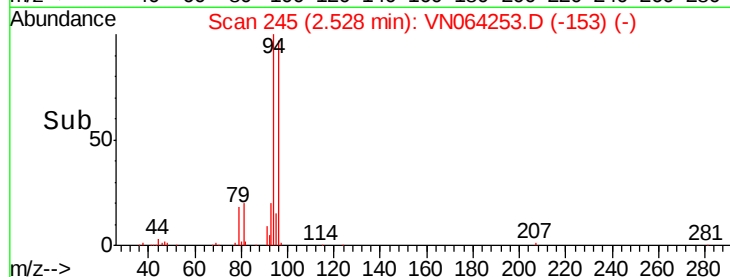


Abundance Ion 93.90 (93.60 to 94.60): VN064214.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN064214.D (-230) (-)

2.53

Time-->



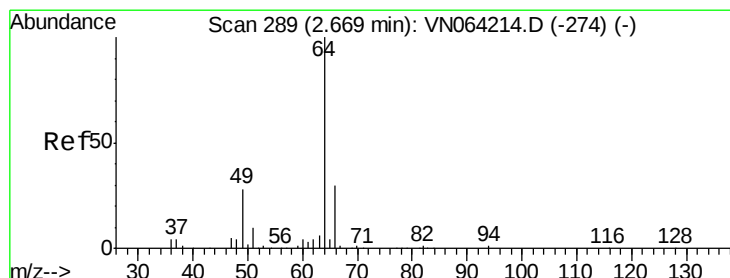
Abundance

Ion 93.90 (93.60 to 94.60): VN064253.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN064253.D (-153) (-)

2.53

Time-->



#6

Chloroethane

Concen: 47.345 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064253.D

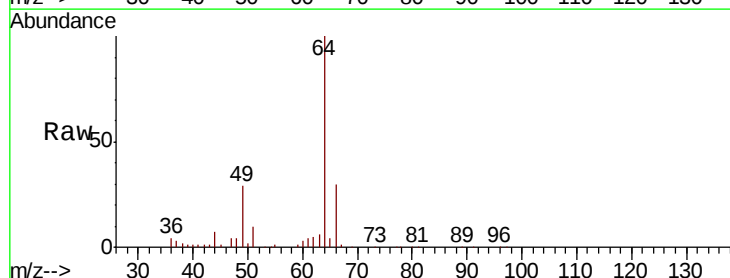
Acq: 22 Oct 2020 16:21

Tgt Ion: 64 Resp: 98981

Ion Ratio Lower Upper

64 100

66 30.4 24.5 36.7

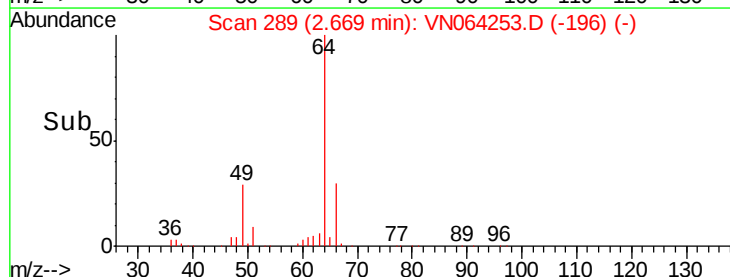


Abundance Ion 63.90 (63.60 to 64.60): VN064214.D (-274) (-)

Ion 65.90 (65.60 to 66.60): VN064214.D (-274) (-)

2.67

Time-->



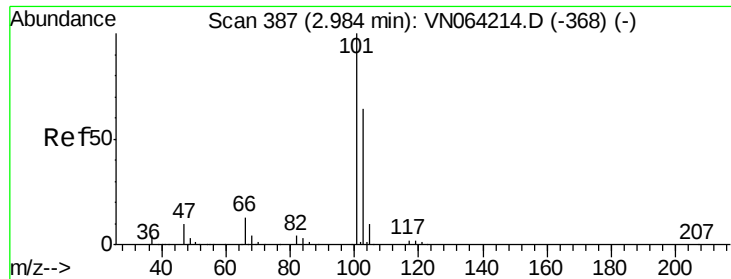
Abundance

Ion 63.90 (63.60 to 64.60): VN064253.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN064253.D (-196) (-)

2.67

Time-->

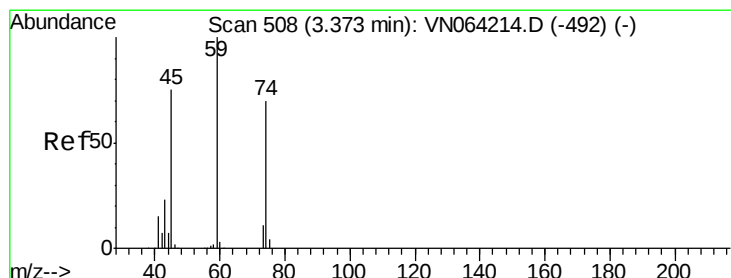
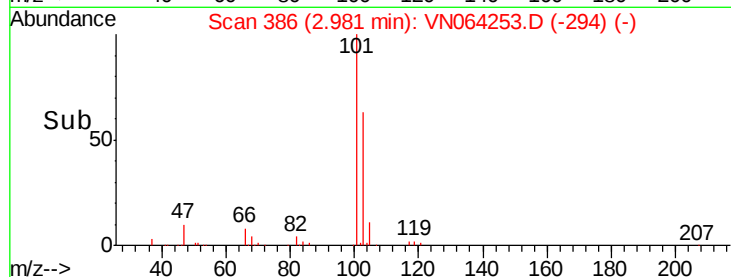
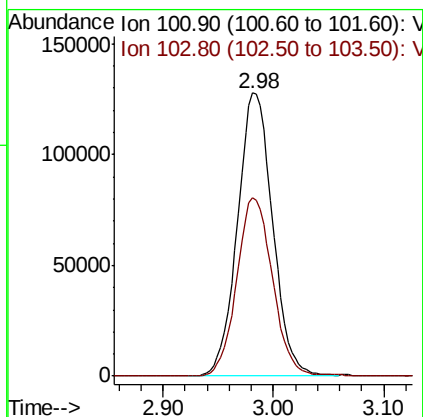
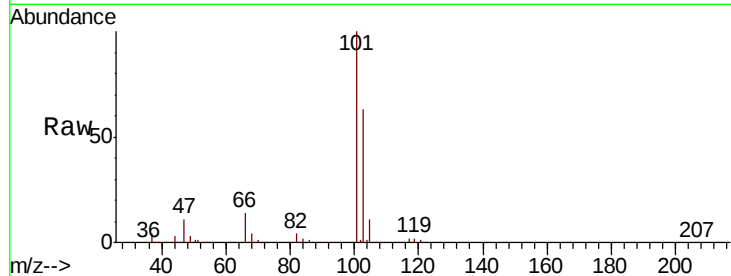


#7

Trichlorofluoromethane  
 Concen: 50.114 ug/l  
 RT: 2.98 min Scan# 386  
 Delta R.T. -0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

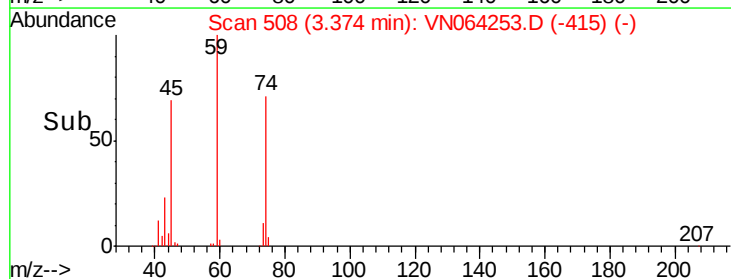
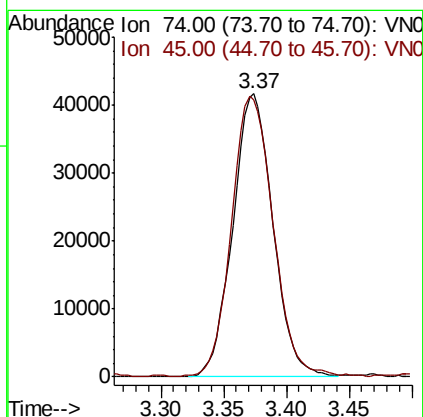
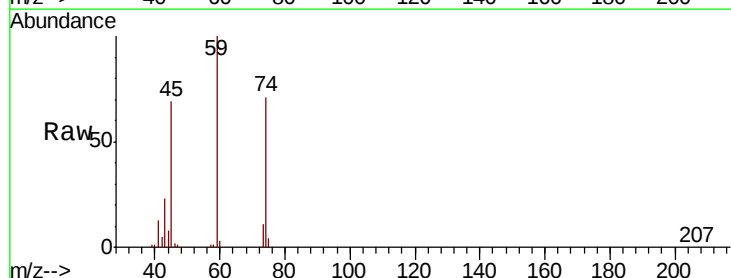
Tot Ion:101 Resp: 283023  
 Ion Ratio Lower Upper  
 101 100  
 103 62.8 51.0 76.6

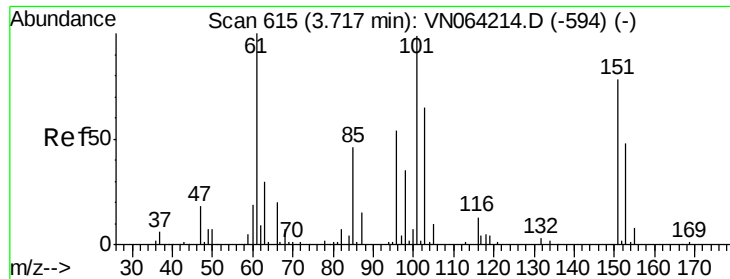


#8

Diethyl Ether  
 Concen: 49.656 ug/l  
 RT: 3.37 min Scan# 508  
 Delta R.T. 0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Tgt Ion: 74 Resp: 92766  
 Ion Ratio Lower Upper  
 74 100  
 45 103.1 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.439 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

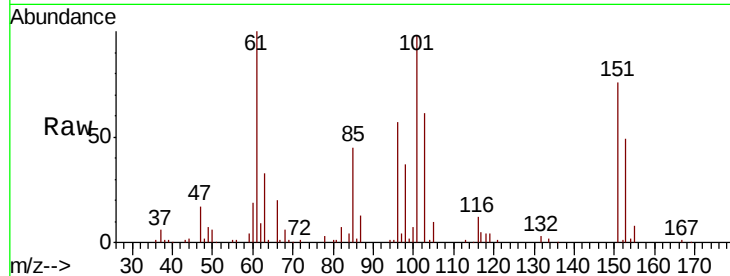
Tot Ion:101 Resp: 147303

Ion Ratio Lower Upper

101 100

85 46.8 37.8 56.8

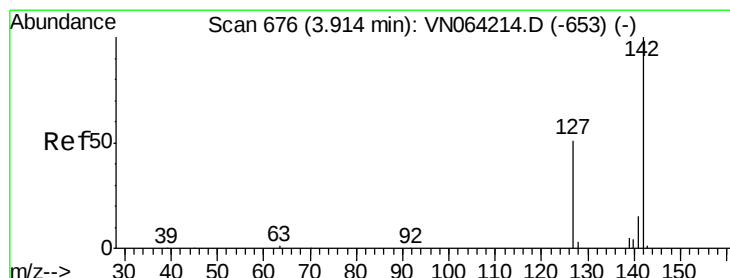
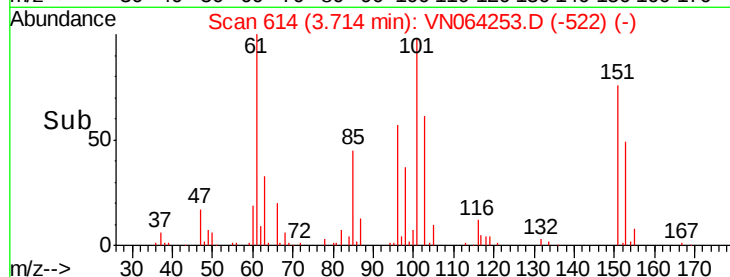
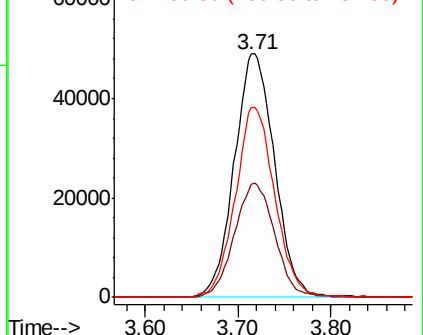
151 76.5 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.623 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

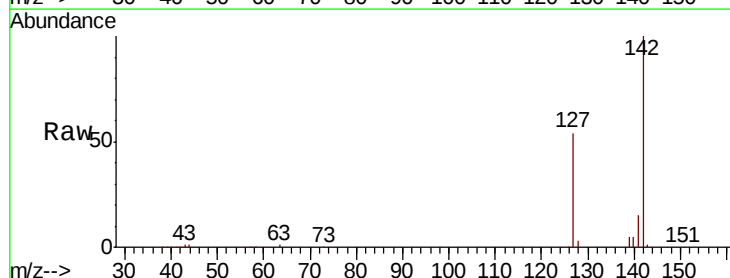
Tgt Ion:142 Resp: 201930

Ion Ratio Lower Upper

142 100

127 52.4 41.0 61.6

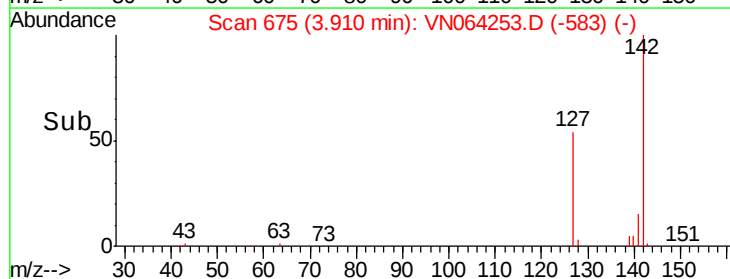
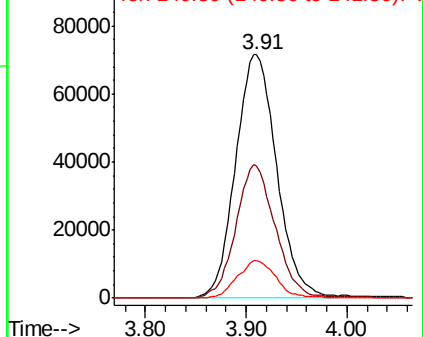
141 14.5 11.3 16.9

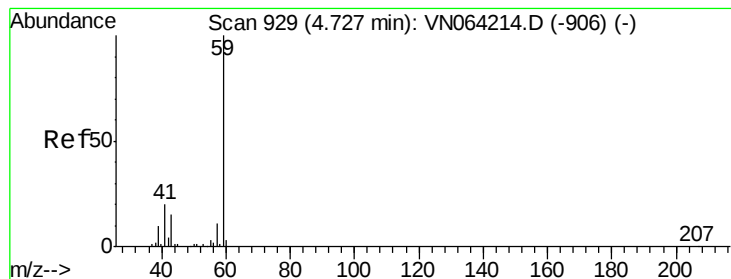


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



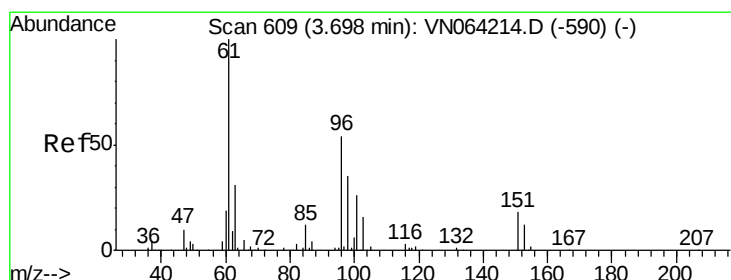
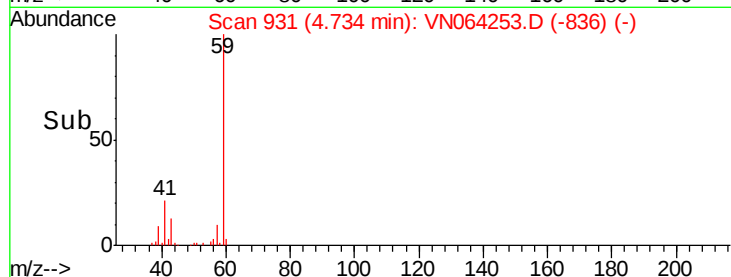
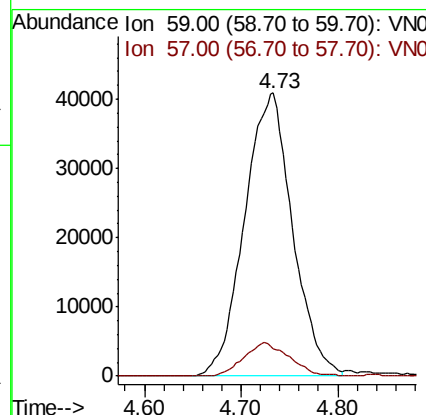
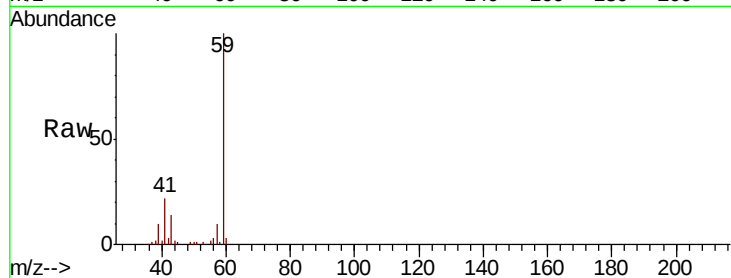


#11

Tert butyl alcohol  
 Concen: 236.983 ug/l  
 RT: 4.73 min Scan# 931  
 Delta R.T. 0.01 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

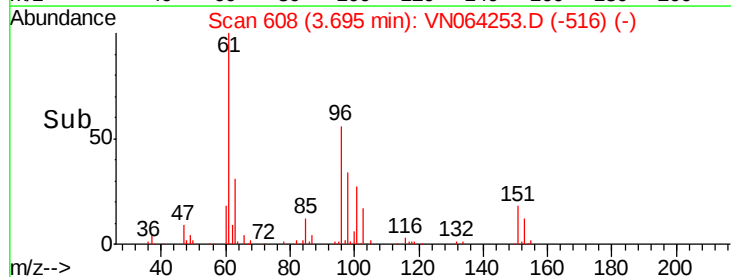
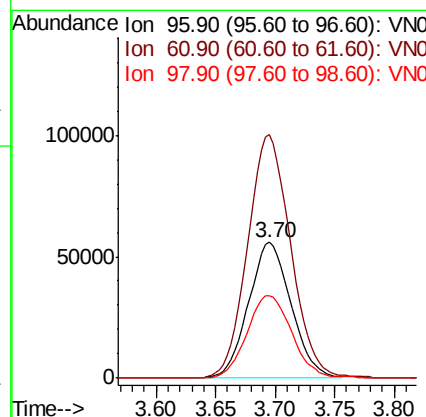
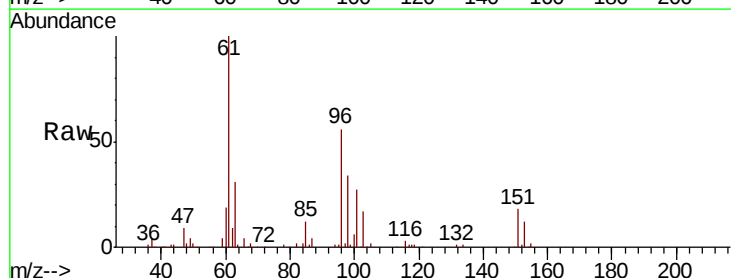
Tot Ion: 59 Resp: 141194  
 Ion Ratio Lower Upper  
 59 100  
 57 11.1 9.2 13.8

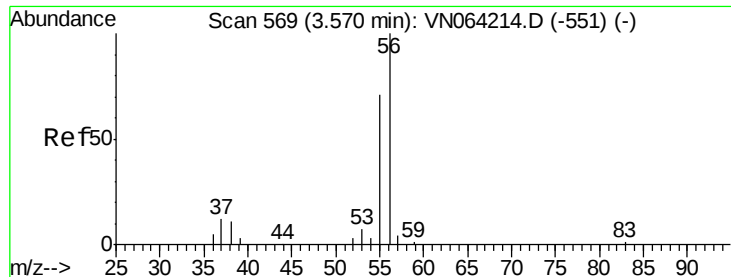


#12

1,1-Dichloroethene  
 Concen: 49.451 ug/l  
 RT: 3.70 min Scan# 608  
 Delta R.T. -0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Tgt Ion: 96 Resp: 138906  
 Ion Ratio Lower Upper  
 96 100  
 61 179.4 147.0 220.4  
 98 60.6 51.7 77.5





#13

Acrolein

Concen: 296.534 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

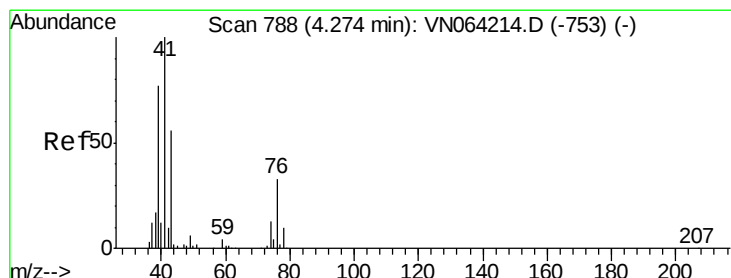
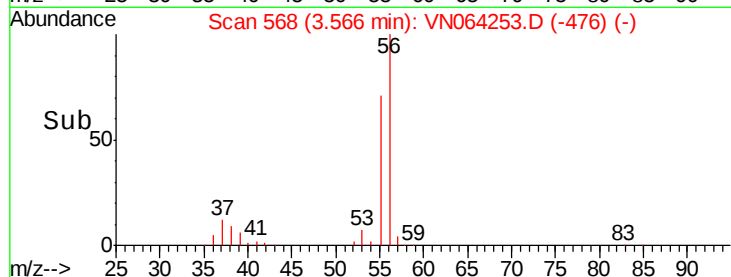
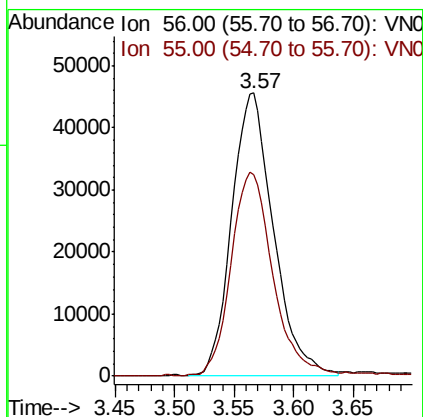
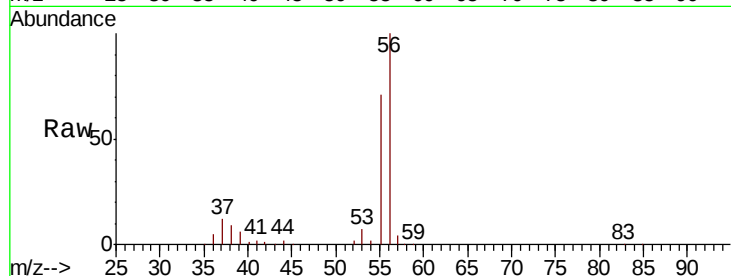
VSTDCCC050

Tot Ion: 56 Resp: 110904

Ion Ratio Lower Upper

56 100

55 71.0 56.1 84.1



#14

Allyl chloride

Concen: 49.117 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

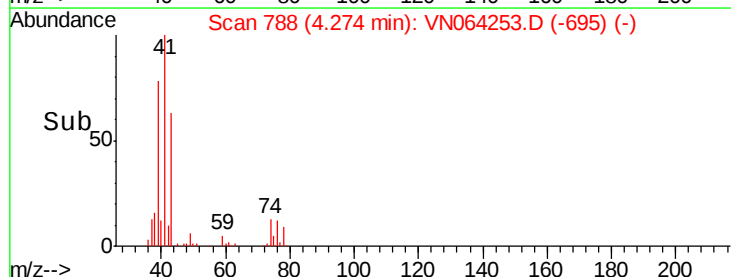
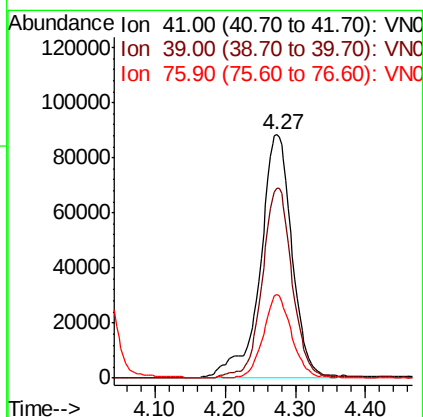
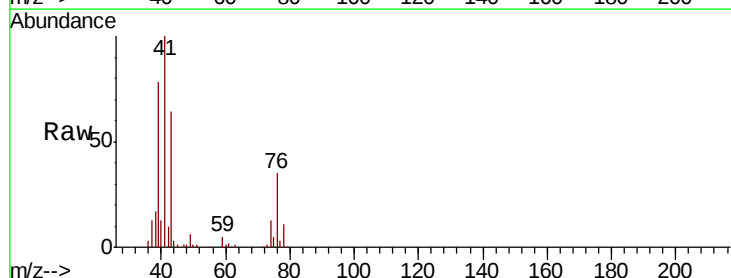
Tgt Ion: 41 Resp: 276135

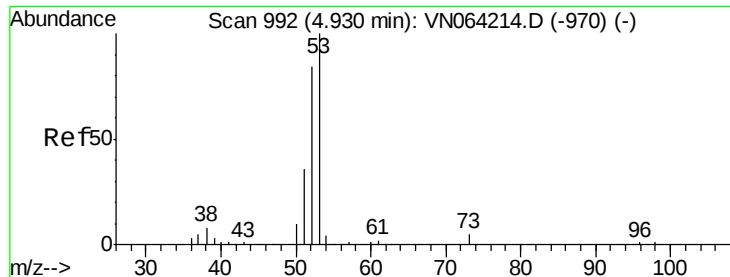
Ion Ratio Lower Upper

41 100

39 74.3 58.6 88.0

76 30.0 24.5 36.7





#15

Acrylonitrile

Concen: 252.015 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

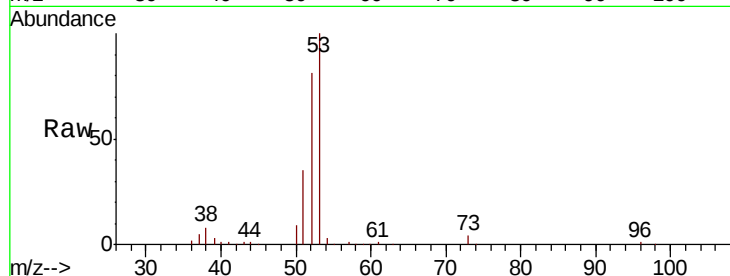
Tot Ion: 53 Resp: 310483

Ion Ratio Lower Upper

53 100

52 82.1 66.8 100.2

51 38.2 30.7 46.1

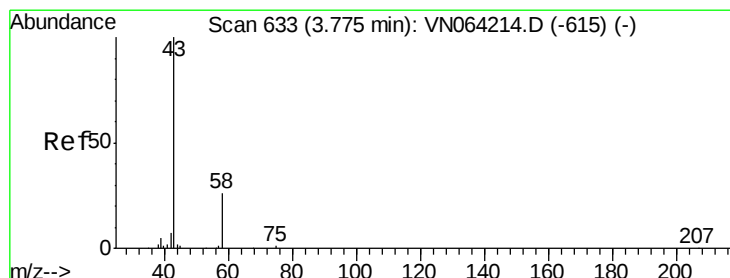
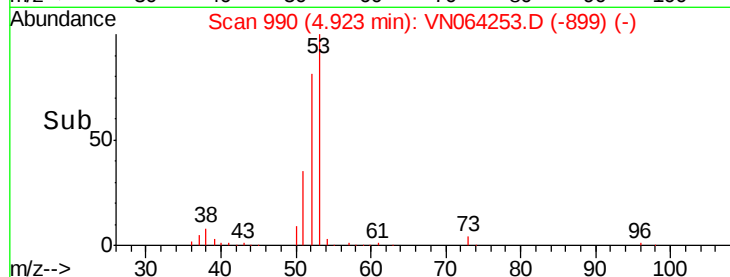
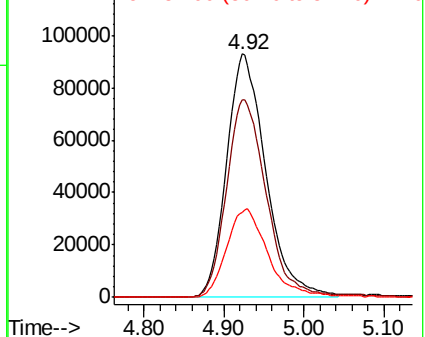


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 276.783 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064253.D

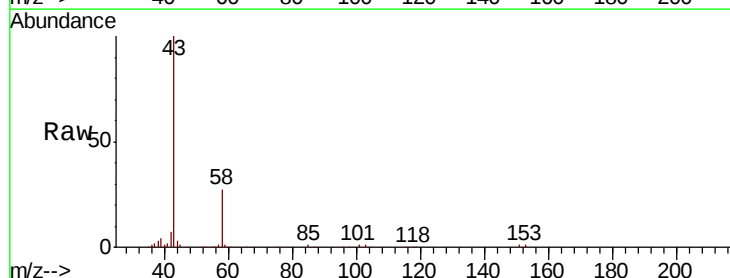
Acq: 22 Oct 2020 16:21

Tgt Ion: 43 Resp: 352485

Ion Ratio Lower Upper

43 100

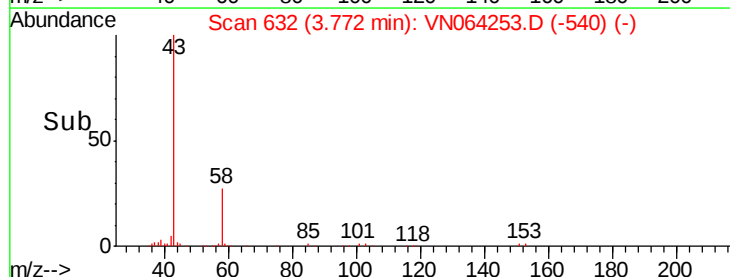
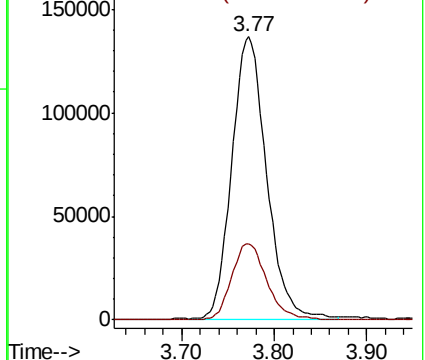
58 27.0 21.0 31.4

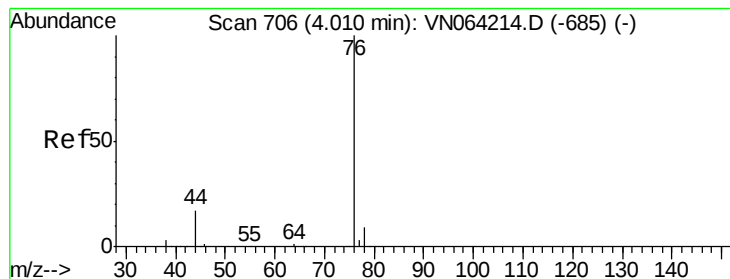


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 48.934 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

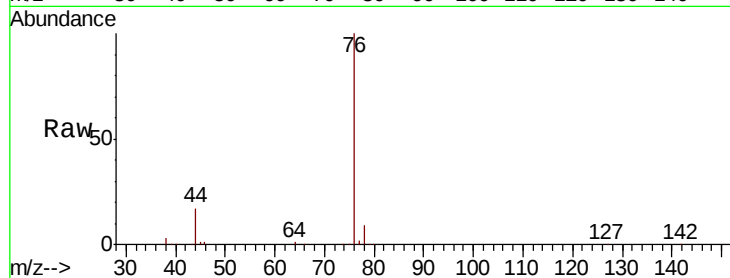
VSTDCCC050

Tot Ion: 76 Resp: 392080

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN064214.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN064214.D (-685) (-)

4.01

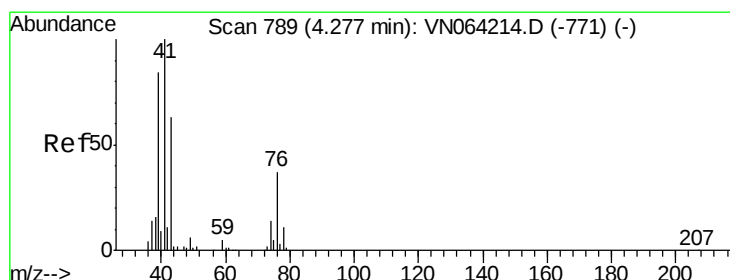
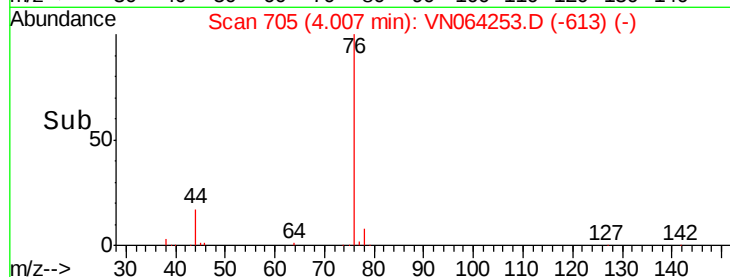
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.552 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064253.D

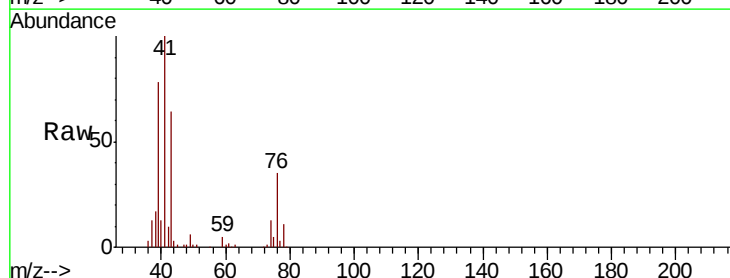
Acq: 22 Oct 2020 16:21

Tgt Ion: 43 Resp: 160804

Ion Ratio Lower Upper

43 100

74 21.8 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN064214.D (-771) (-)

4.27

60000

50000

40000

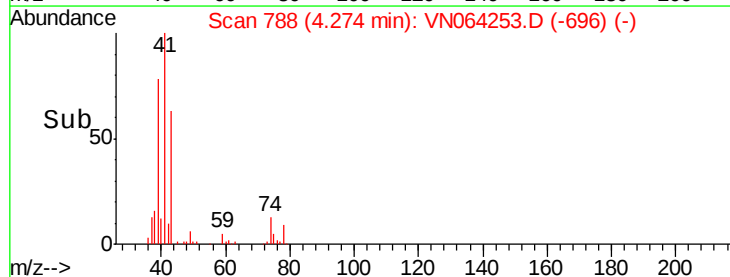
30000

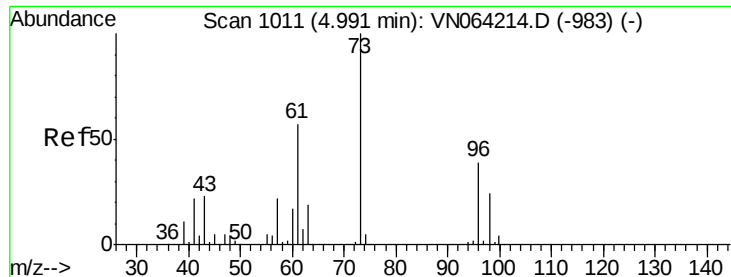
20000

10000

0

Time-->

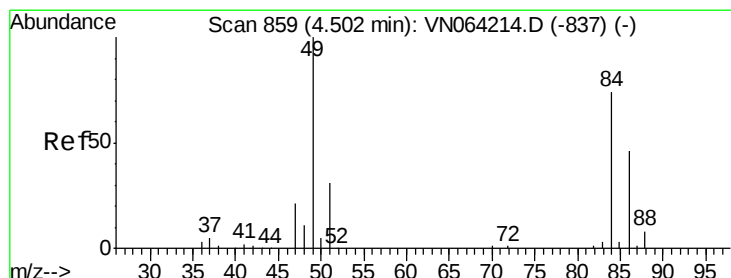
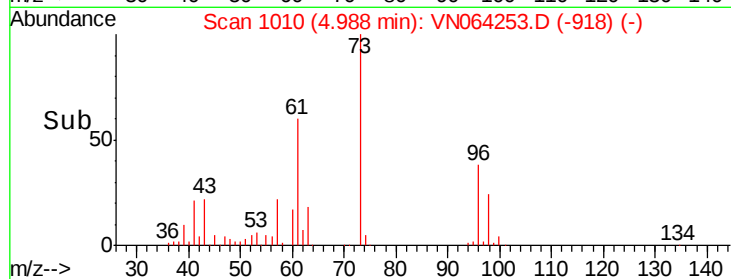
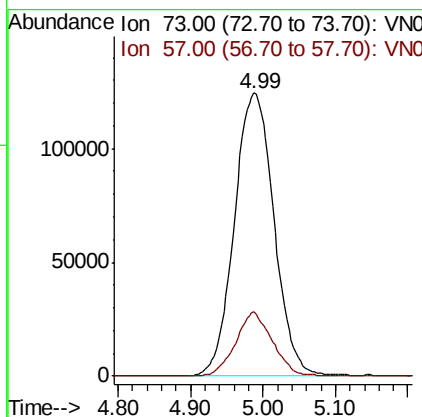
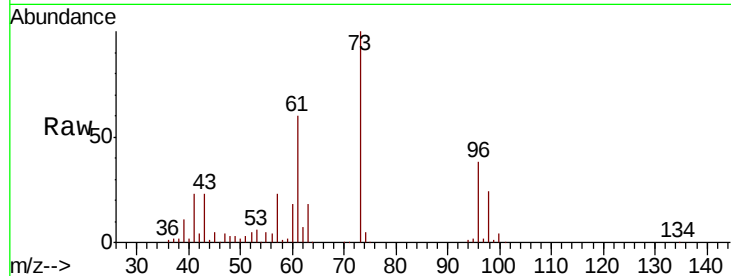




#19  
Methyl tert-butyl Ether  
Concen: 48.808 ug/l  
RT: 4.99 min Scan# 1010  
Delta R.T. -0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

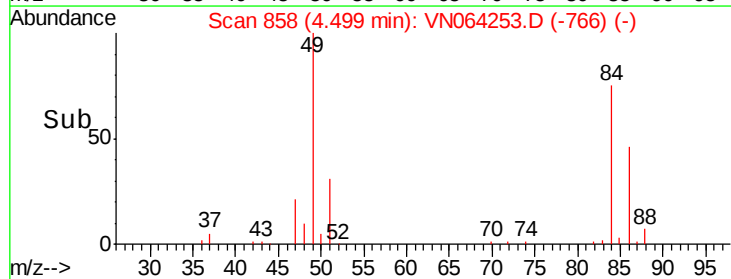
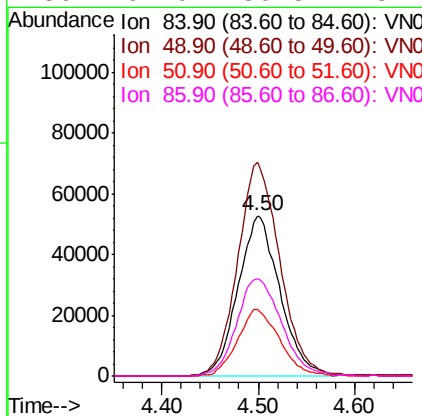
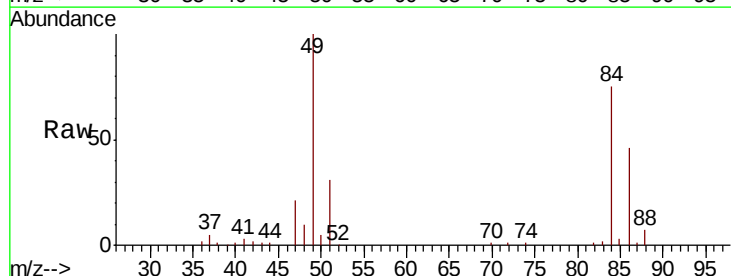
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

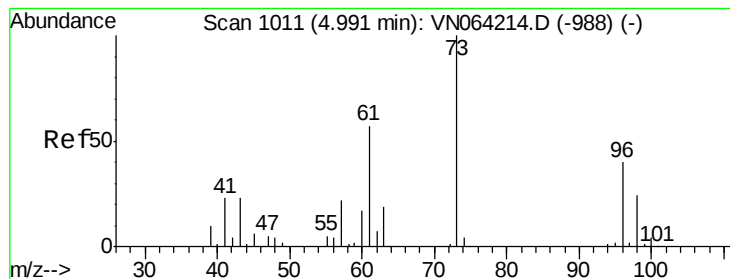
Tot Ion: 73 Resp: 471338  
Ion Ratio Lower Upper  
73 100  
57 22.7 18.0 27.0



#20  
Methylene Chloride  
Concen: 46.646 ug/l  
RT: 4.50 min Scan# 858  
Delta R.T. -0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion: 84 Resp: 158403  
Ion Ratio Lower Upper  
84 100  
49 132.9 108.5 162.7  
51 41.2 33.8 50.8  
86 61.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.406 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

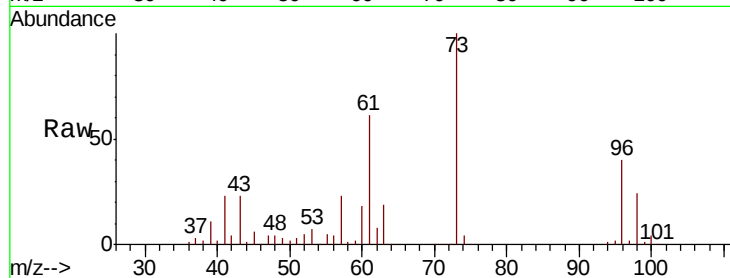
Tot Ion: 96 Resp: 153032

Ion Ratio Lower Upper

96 100

61 151.9 115.8 173.6

98 61.3 49.4 74.0

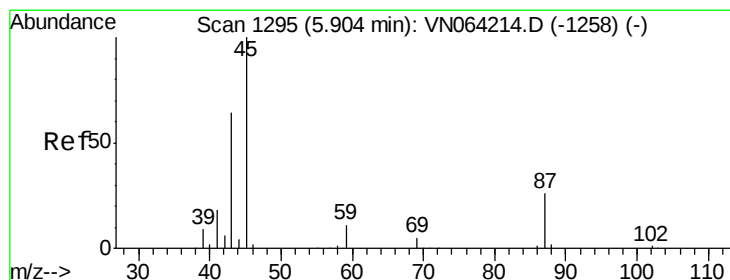
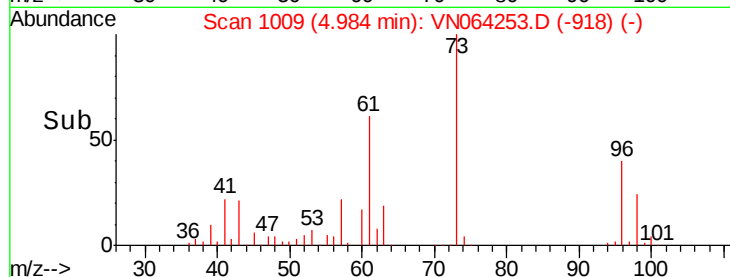
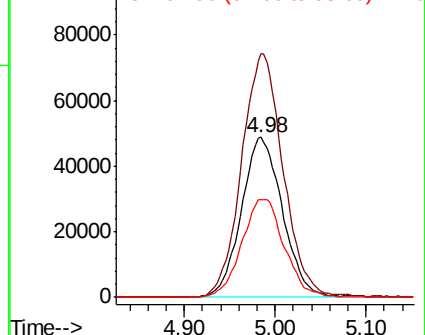


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 47.620 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Tgt Ion: 45 Resp: 497676

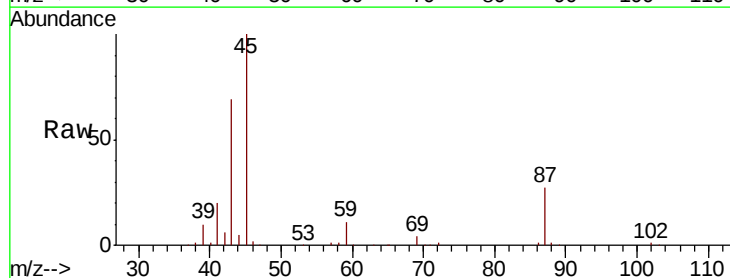
Ion Ratio Lower Upper

45 100

43 66.2 52.2 78.4

87 26.3 21.4 32.0

59 10.4 8.3 12.5



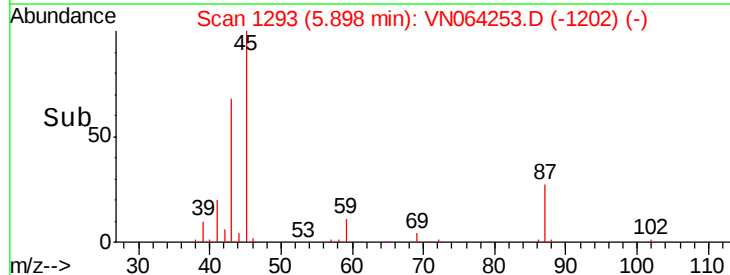
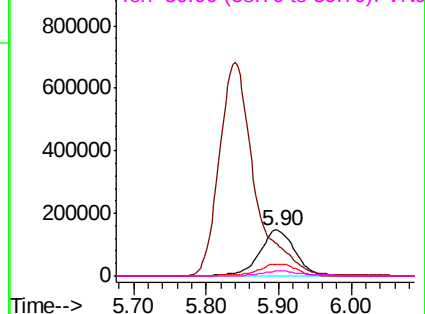
Abundance

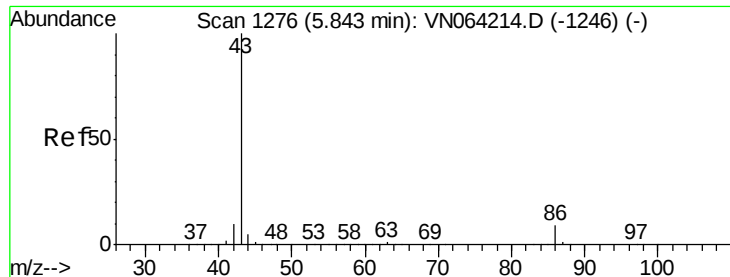
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 247.860 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

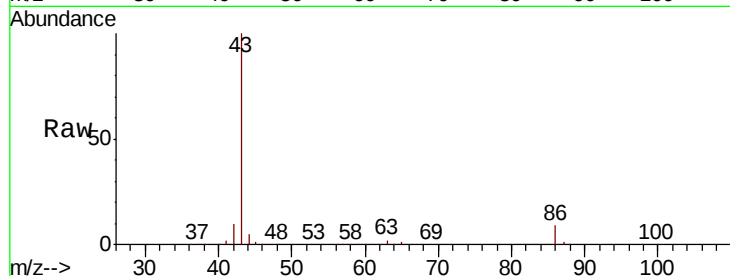
VSTDCCC050

Tot Ion: 43 Resp: 2310119

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN064214.D (-1246) (-)

5.84

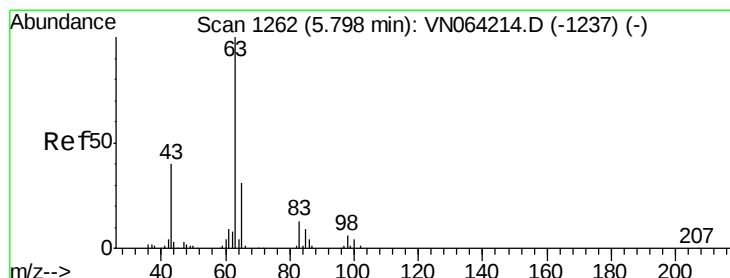
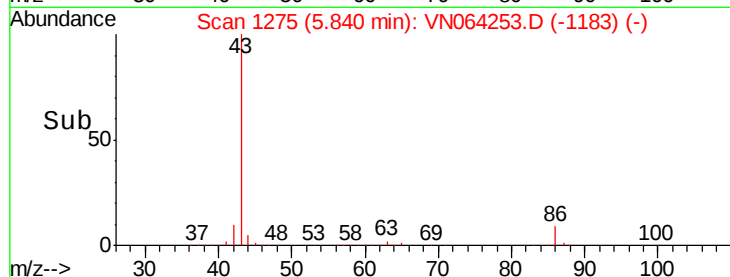
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.137 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

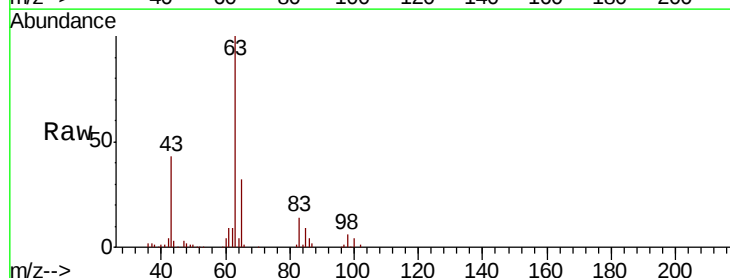
Tgt Ion: 63 Resp: 297495

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.7

100 3.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN064214.D (-1237) (-)

Ion 97.90 (97.60 to 98.60): VN064214.D (-1237) (-)

Ion 99.90 (99.60 to 100.60): VN064214.D (-1237) (-)

5.79

120000

100000

80000

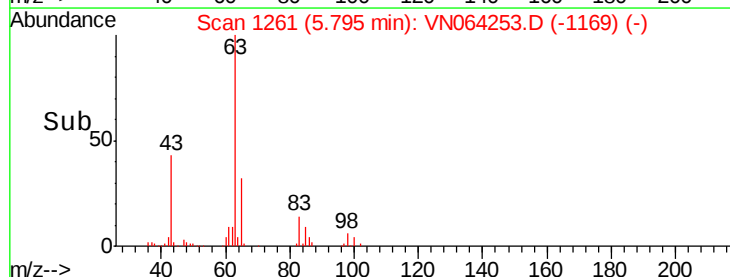
60000

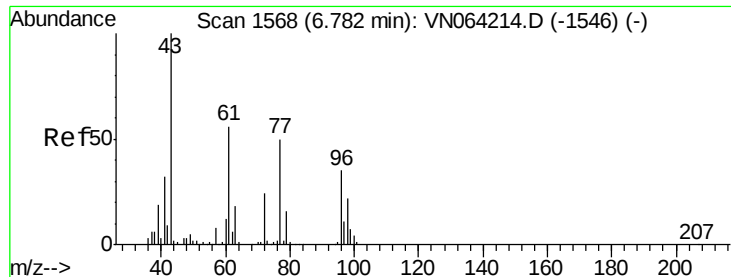
40000

20000

0

Time-->

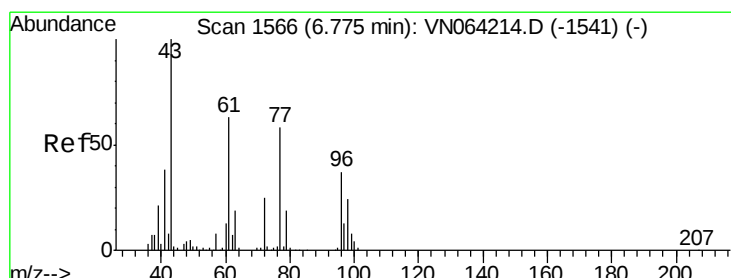
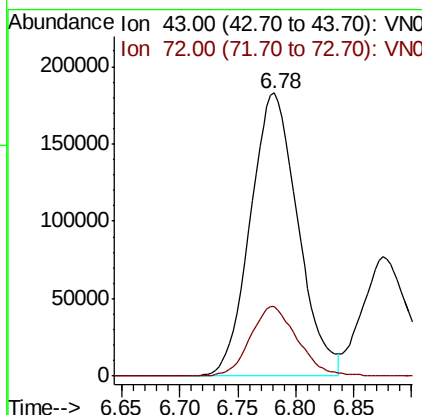
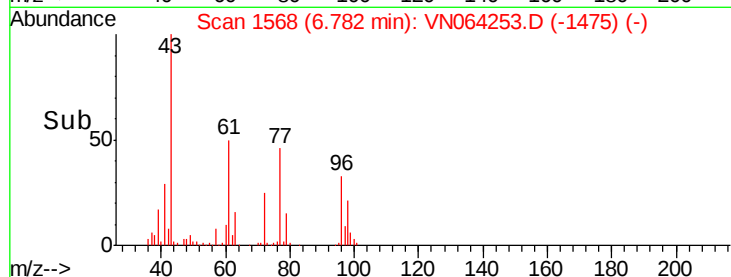
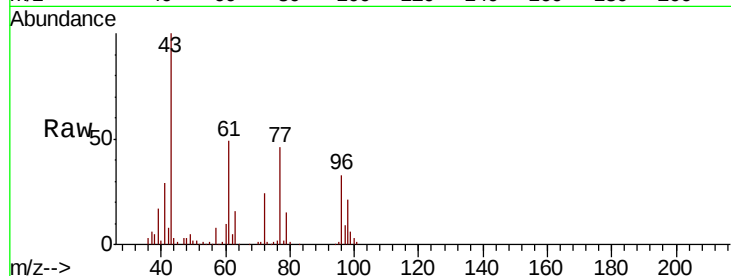




#25  
2-Butanone  
Concen: 256.575 ug/l  
RT: 6.78 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

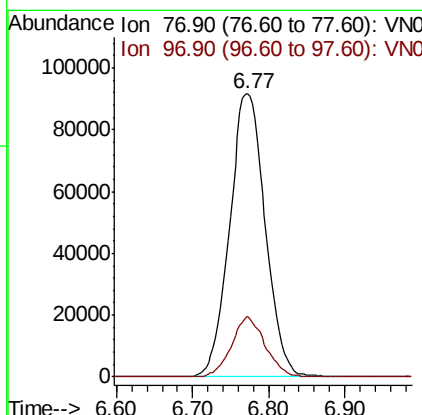
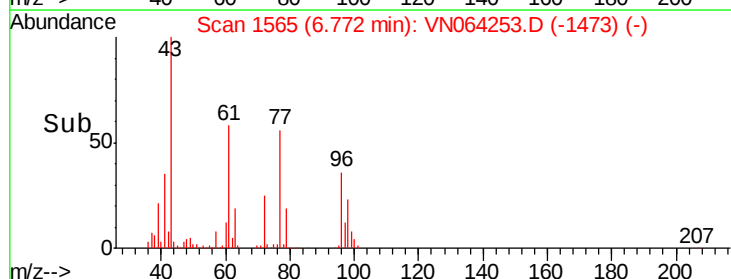
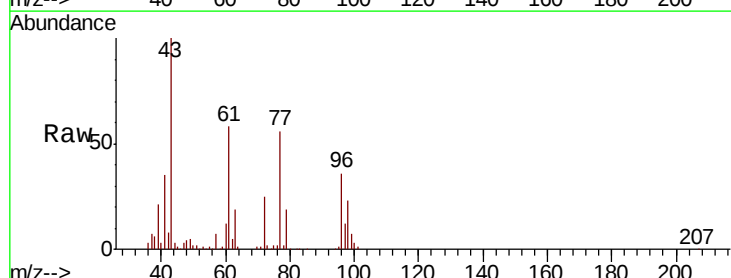
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

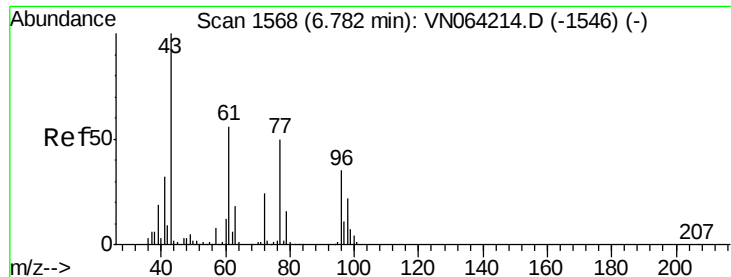
Tot Ion: 43 Resp: 519131  
Ion Ratio Lower Upper  
43 100  
72 24.6 19.4 29.0



#26  
2,2-Dichloropropane  
Concen: 49.346 ug/l  
RT: 6.77 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion: 77 Resp: 297427  
Ion Ratio Lower Upper  
77 100  
97 20.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.248 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

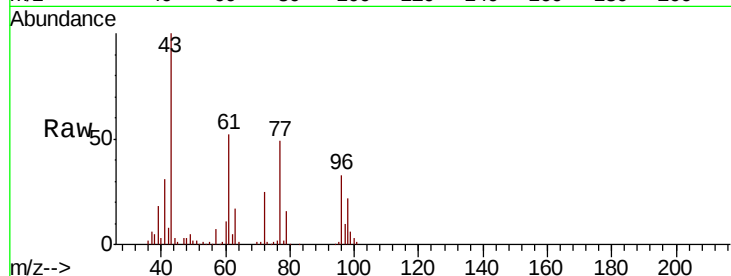
Tot Ion: 96 Resp: 177646

Ion Ratio Lower Upper

96 100

61 159.1 0.0 330.0

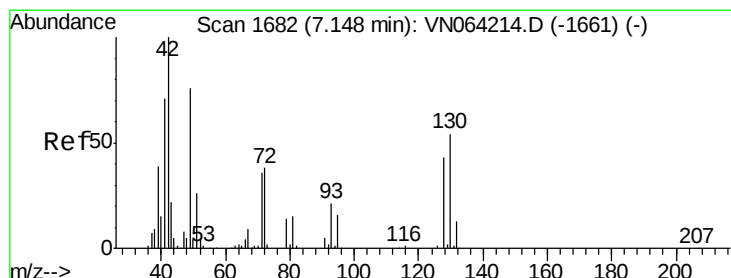
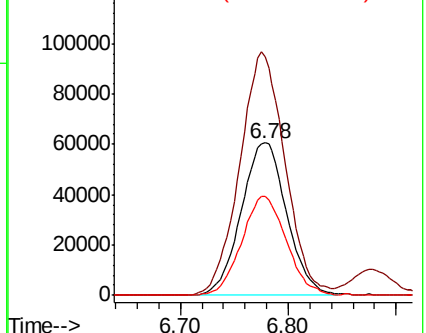
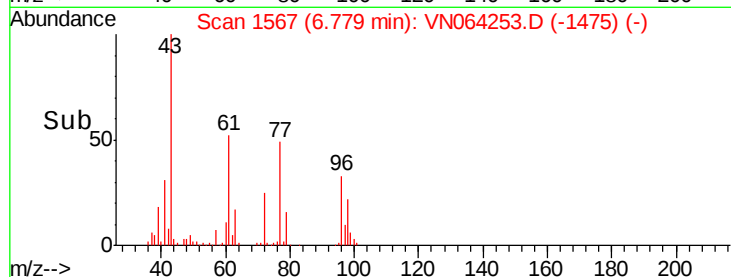
98 63.9 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 51.761 ug/l

RT: 7.15 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

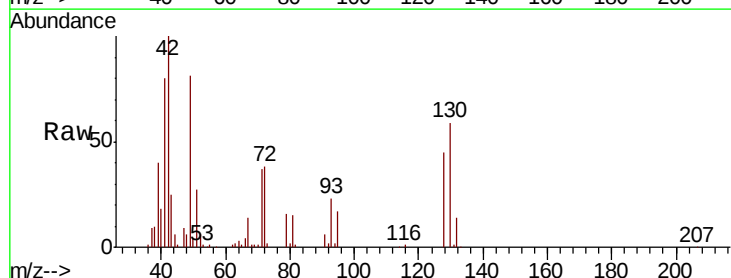
Tgt Ion: 49 Resp: 148874

Ion Ratio Lower Upper

49 100

129 1.1 0.0 2.8

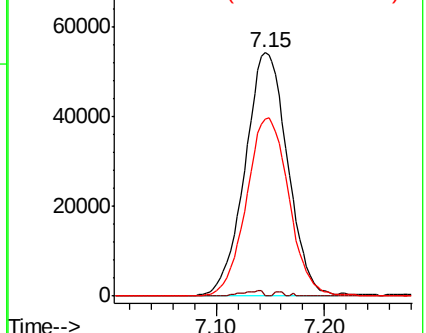
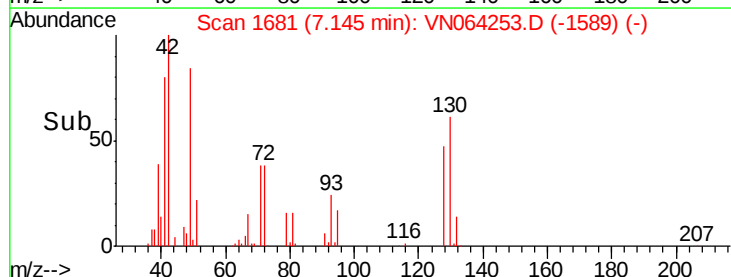
130 72.9 58.8 88.2

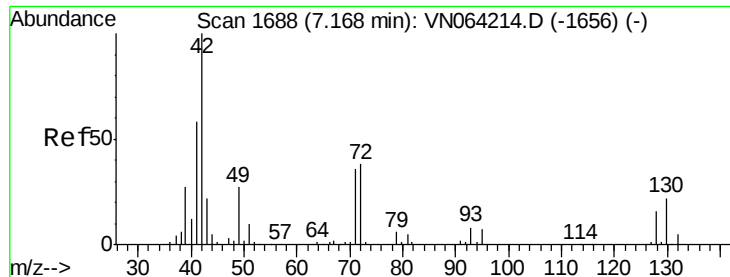


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 248.576 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

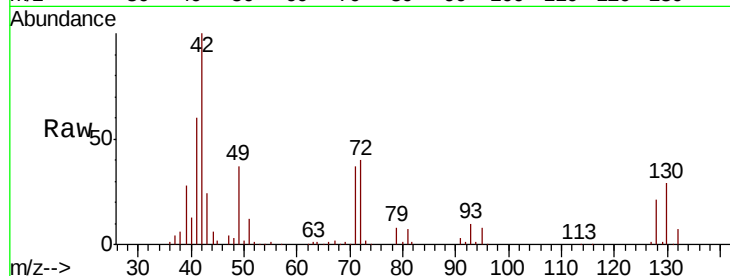
Tot Ion: 42 Resp: 300849

Ion Ratio Lower Upper

42 100

72 40.4 30.8 46.2

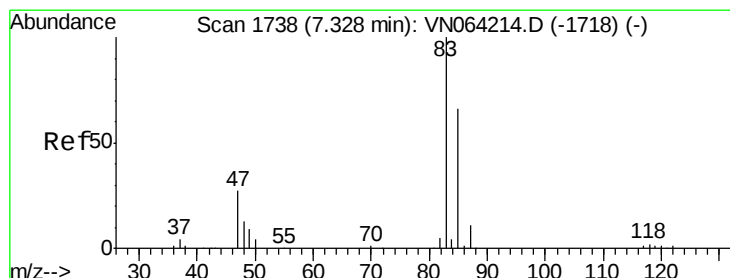
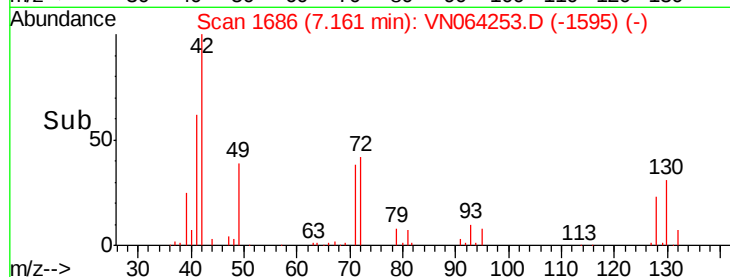
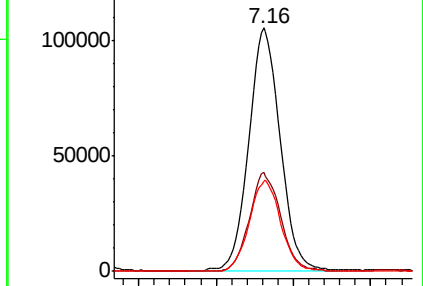
71 37.2 29.0 43.6



Abundance Ion 42.00 (41.70 to 42.70): VN064214.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN064214.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN064214.D (-1656) (-)



#30

Chloroform

Concen: 48.916 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064253.D

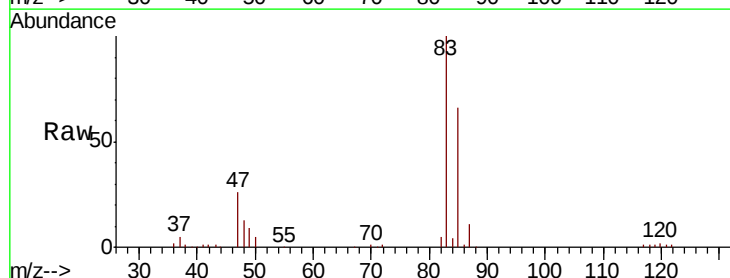
Acq: 22 Oct 2020 16:21

Tgt Ion: 83 Resp: 315899

Ion Ratio Lower Upper

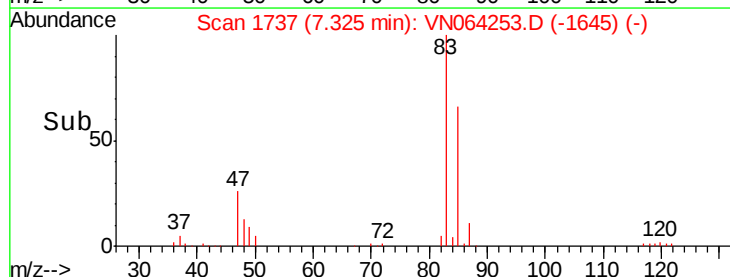
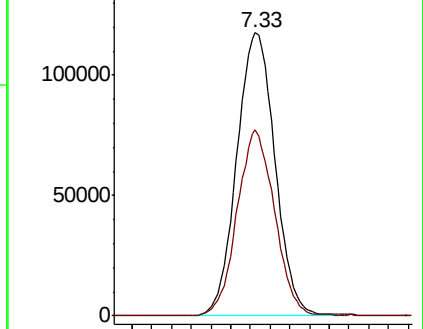
83 100

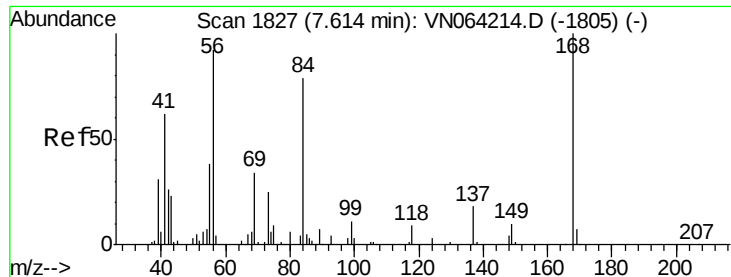
85 65.7 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN064214.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064214.D (-1718) (-)

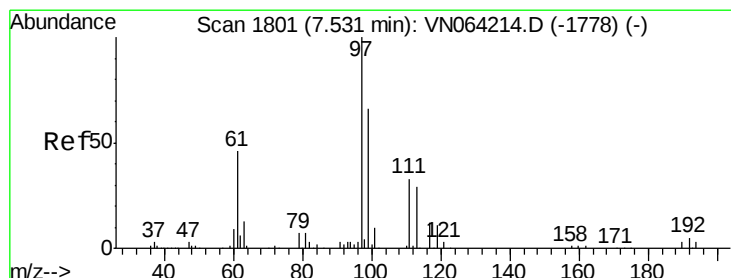
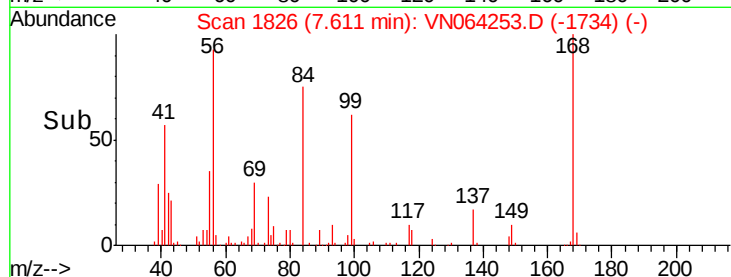
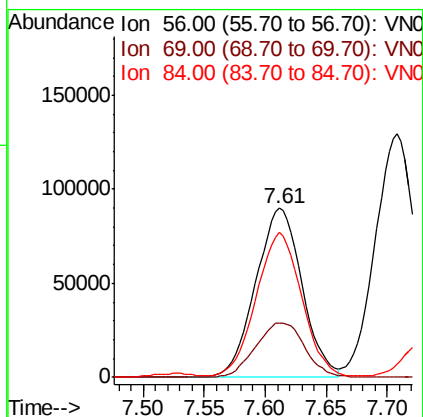
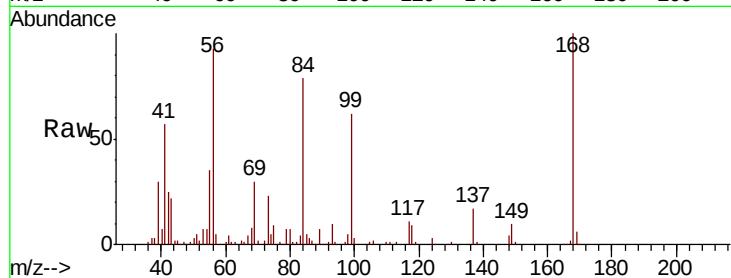




#31  
Cyclohexane  
Concen: 45.034 ug/l  
RT: 7.61 min Scan# 1826  
Delta R.T. -0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

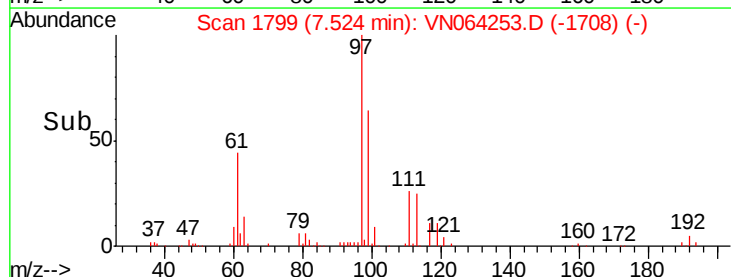
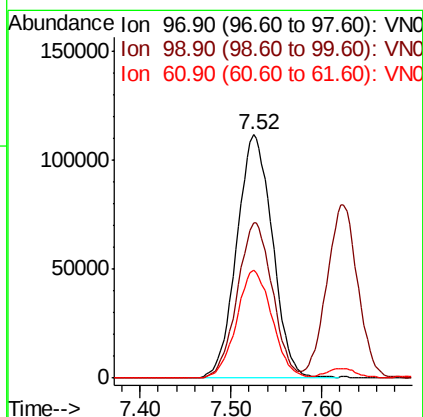
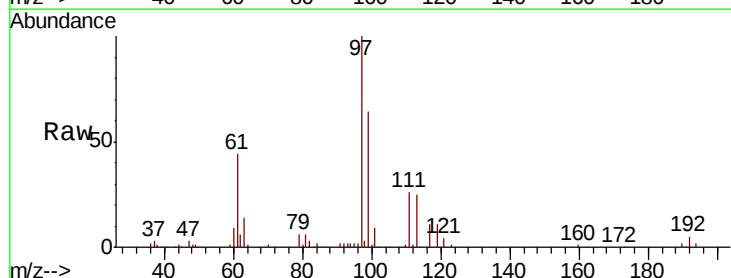
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

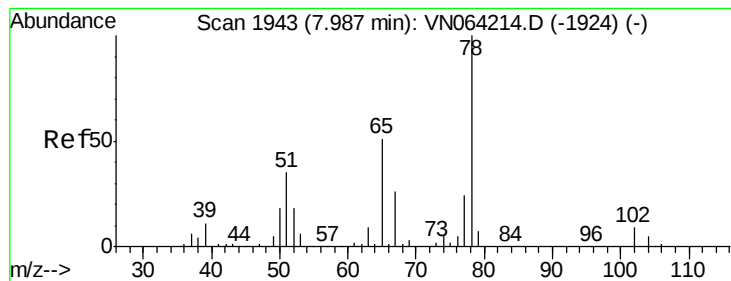
Tot Ion: 56 Resp: 237610  
Ion Ratio Lower Upper  
56 100  
69 32.2 29.8 44.6  
84 83.6 68.1 102.1



#32  
1,1,1-Trichloroethane  
Concen: 50.430 ug/l  
RT: 7.52 min Scan# 1799  
Delta R.T. -0.01 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion: 97 Resp: 305094  
Ion Ratio Lower Upper  
97 100  
99 62.8 51.2 76.8  
61 44.0 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 49.361 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

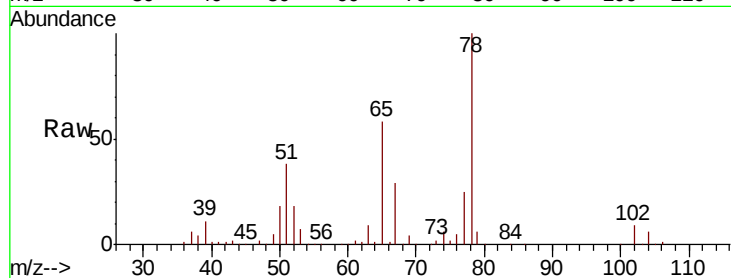
VSTDCCC050

Tot Ion: 65 Resp: 219700

Ion Ratio Lower Upper

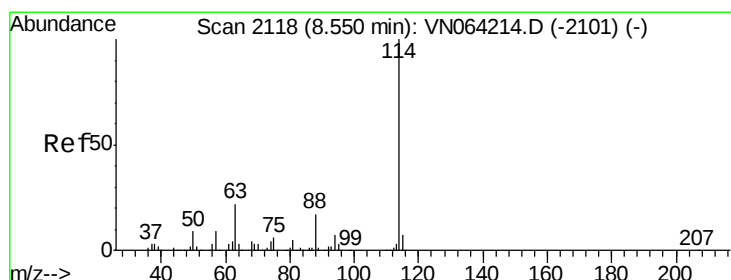
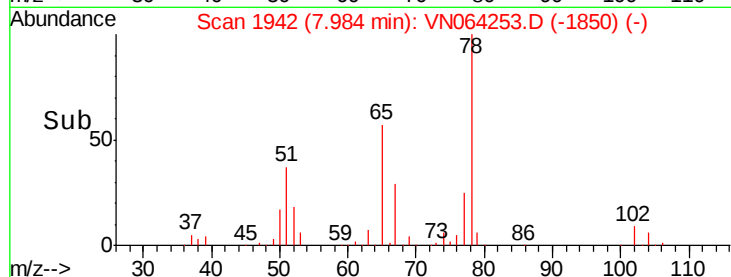
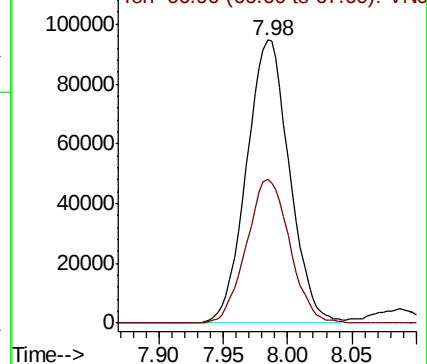
65 100

67 51.3 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

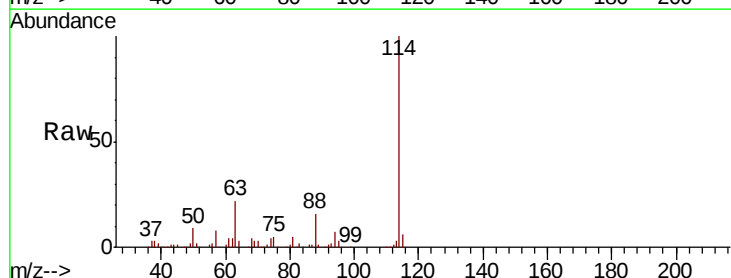
Tgt Ion: 114 Resp: 469494

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

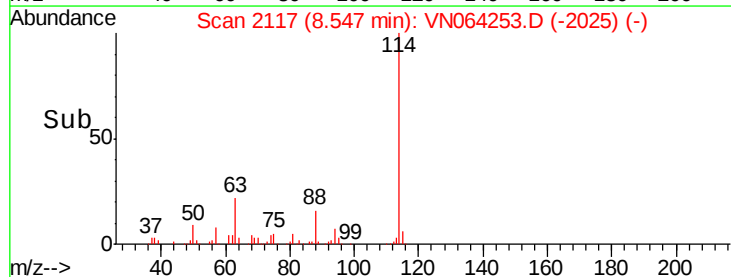
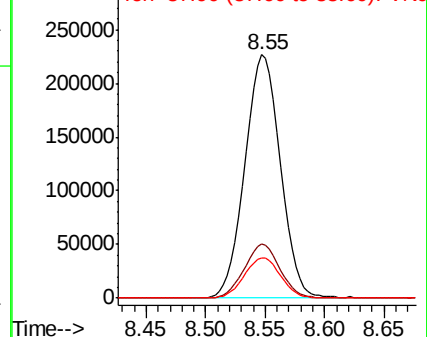
88 16.4 0.0 34.2

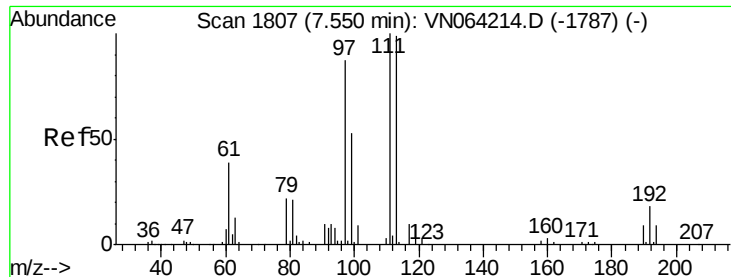


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

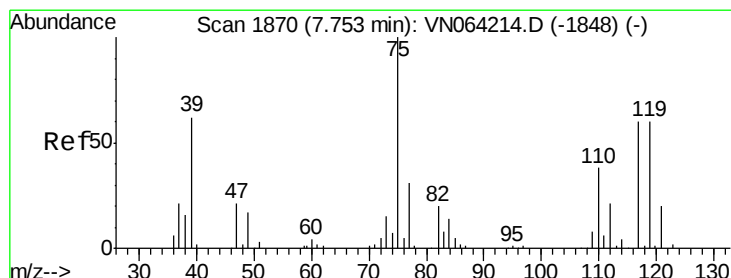
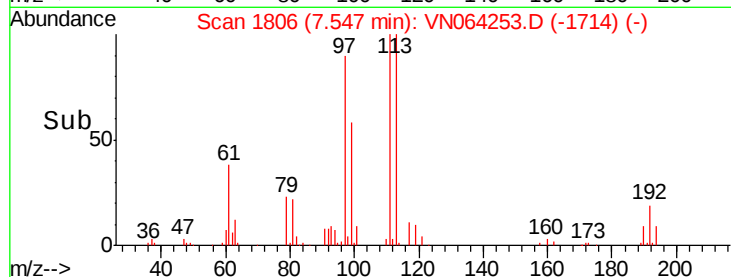
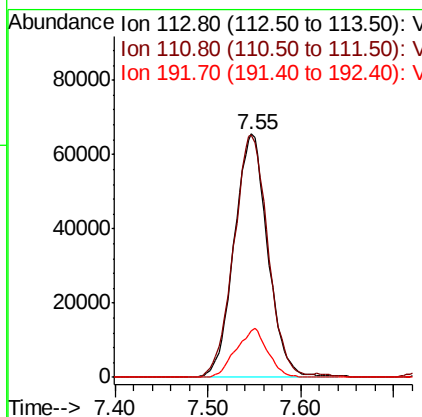
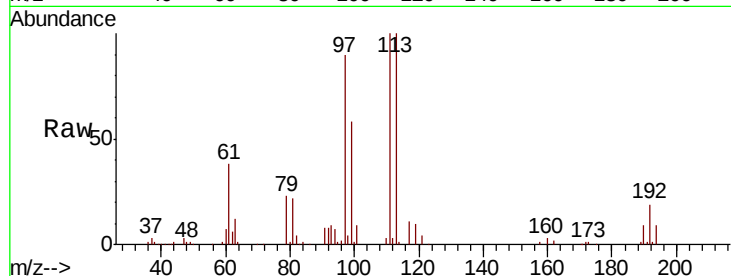




#35  
 Dibromofluoromethane  
 Concen: 52.676 ug/l  
 RT: 7.55 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

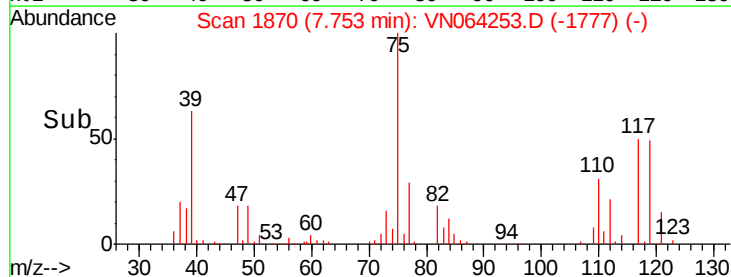
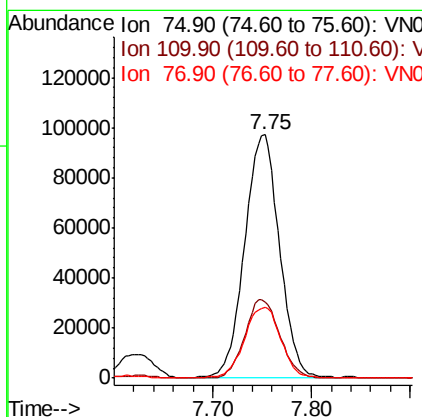
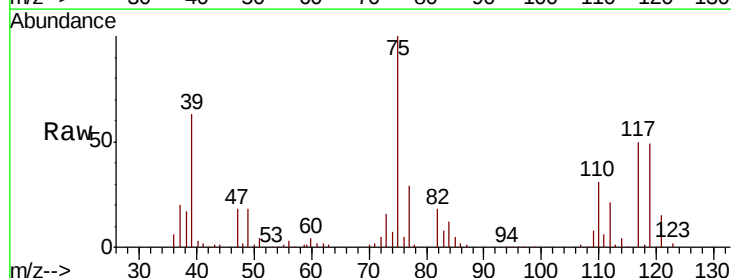
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

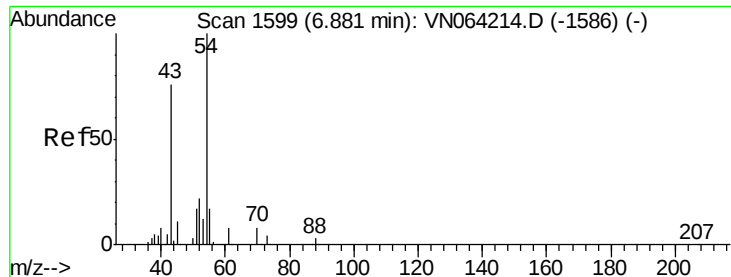
Tot Ion:113 Resp: 164423  
 Ion Ratio Lower Upper  
 113 100  
 111 101.0 84.2 126.2  
 192 18.8 15.2 22.8



#36  
 1,1-Dichloropropene  
 Concen: 50.306 ug/l  
 RT: 7.75 min Scan# 1870  
 Delta R.T. 0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Tgt Ion: 75 Resp: 235462  
 Ion Ratio Lower Upper  
 75 100  
 110 32.6 17.2 51.6  
 77 30.7 24.9 37.3

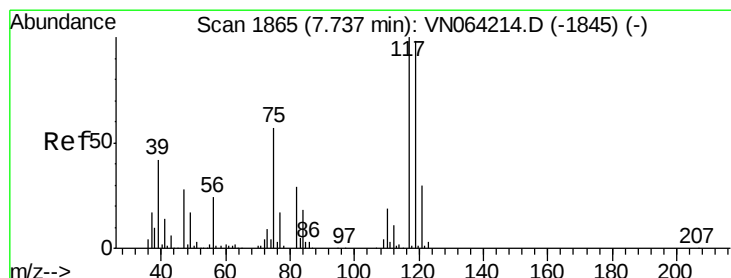
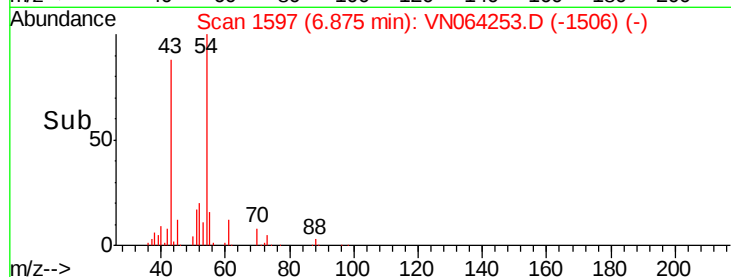
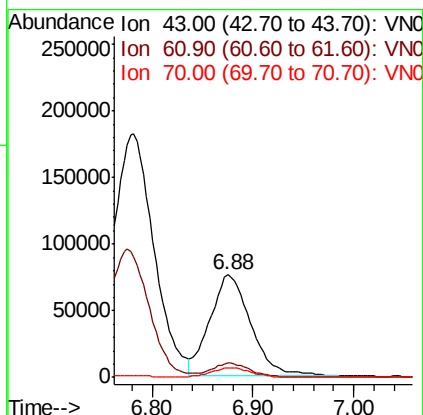
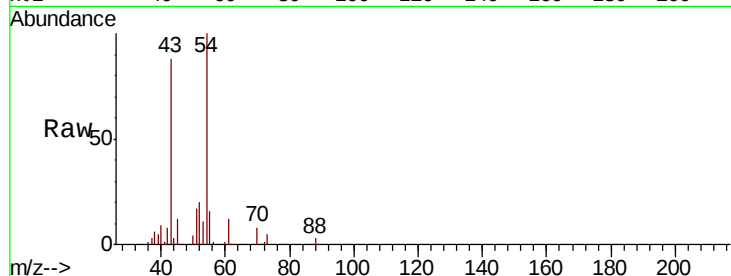




#37  
Ethyl Acetate  
Concen: 50.523 ug/l  
RT: 6.88 min Scan# 1597  
Delta R.T. -0.01 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

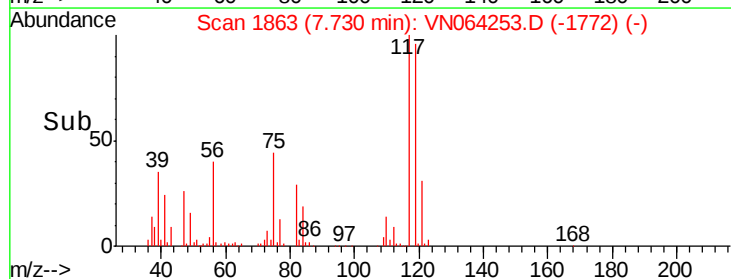
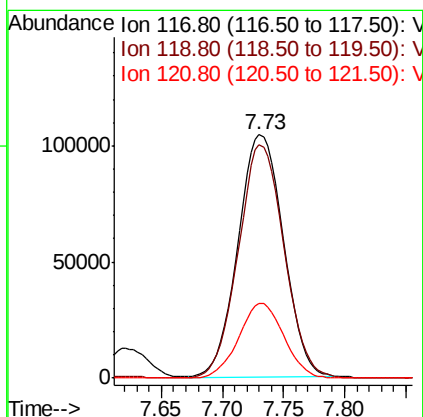
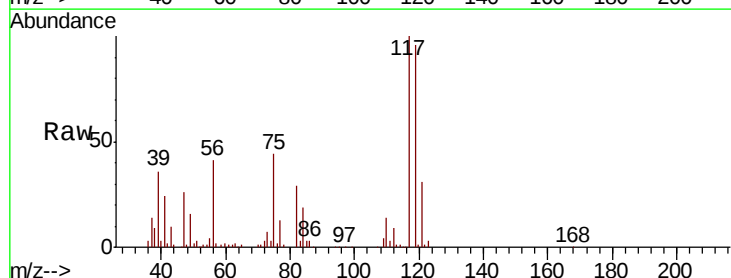
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

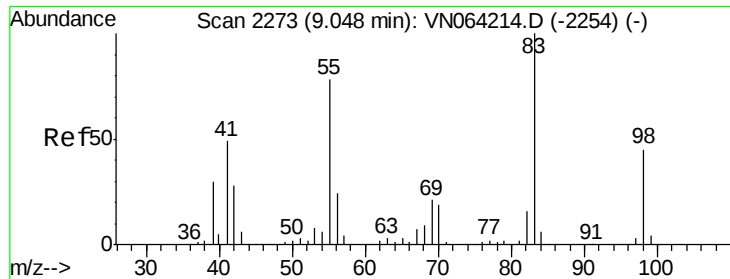
Tot Ion: 43 Resp: 214709  
Ion Ratio Lower Upper  
43 100  
61 12.7 10.0 15.0  
70 9.3 7.5 11.3



#38  
Carbon Tetrachloride  
Concen: 50.627 ug/l  
RT: 7.73 min Scan# 1863  
Delta R.T. -0.01 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion: 117 Resp: 269610  
Ion Ratio Lower Upper  
117 100  
119 96.1 78.5 117.7  
121 31.0 24.3 36.5

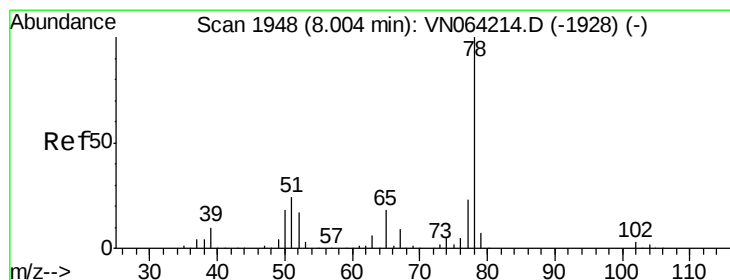
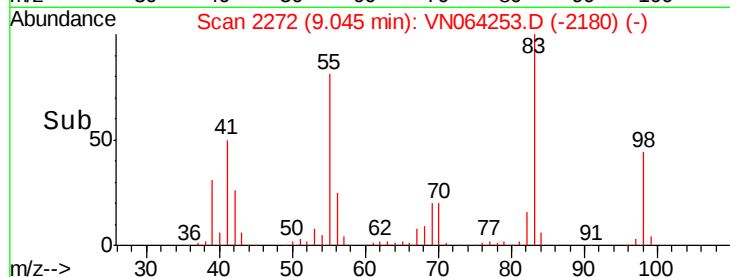
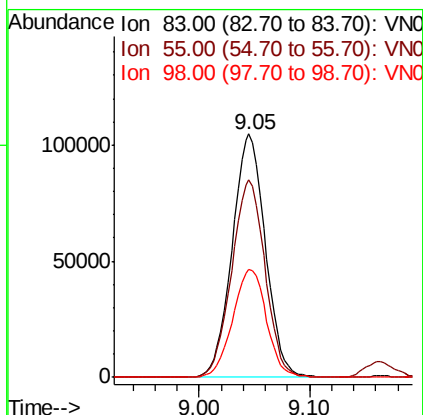
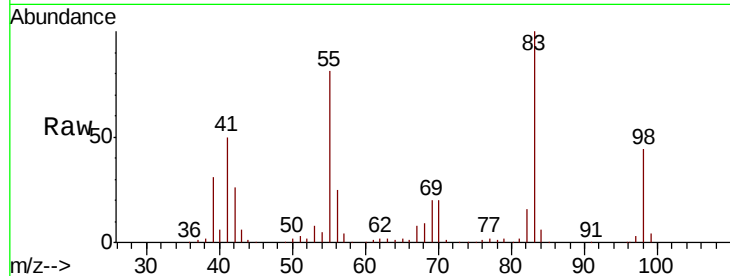




#39  
Methvlcvclohexane  
Concen: 51.213 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

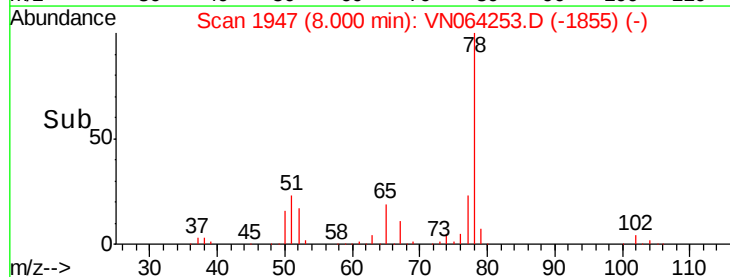
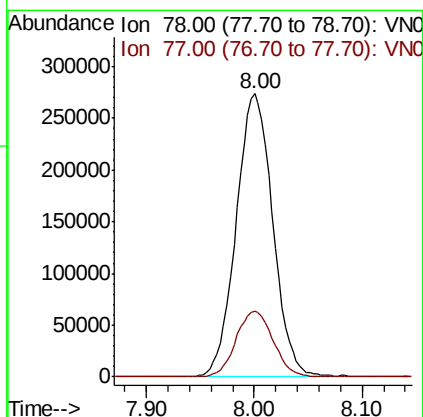
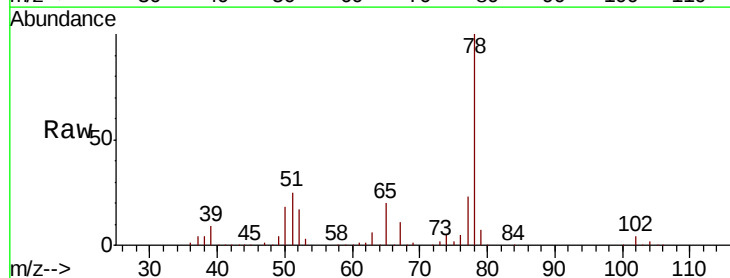
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

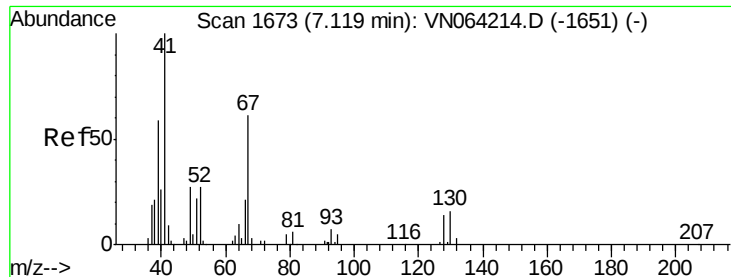
Tot Ion: 83 Resp: 217967  
Ion Ratio Lower Upper  
83 100  
55 81.2 62.2 93.2  
98 44.1 35.9 53.9



#40  
Benzene  
Concen: 50.057 ug/l  
RT: 8.00 min Scan# 1947  
Delta R.T. -0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion: 78 Resp: 646768  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.3 27.5

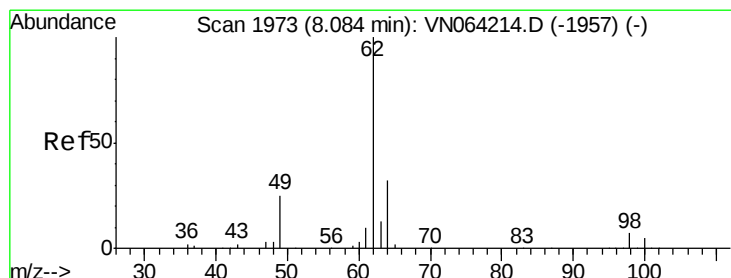
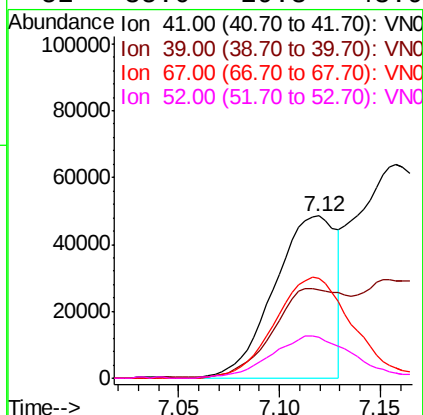
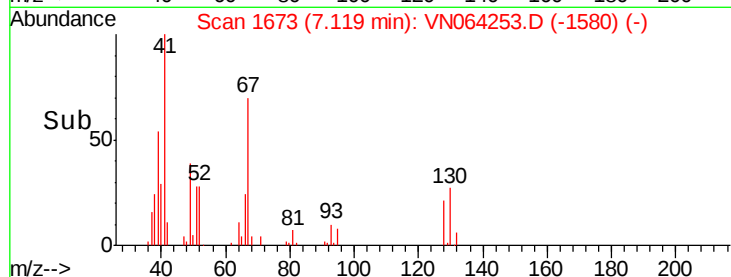
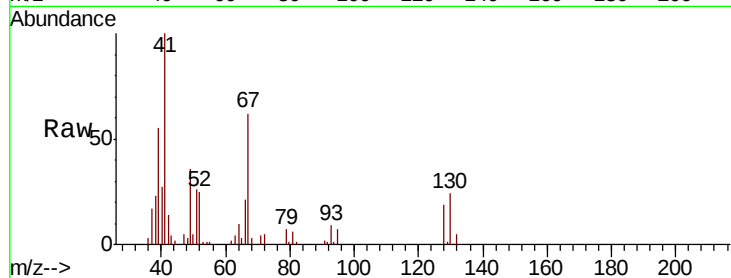




#41  
Methacrylonitrile  
Concen: 46.564 ug/l  
RT: 7.12 min Scan# 1673  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

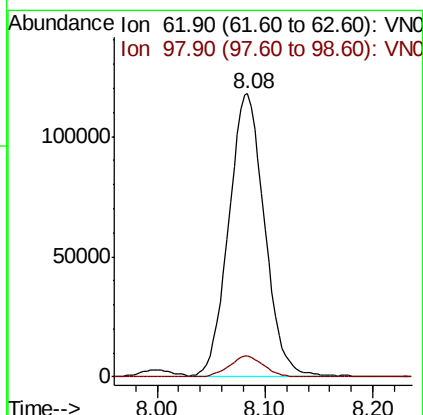
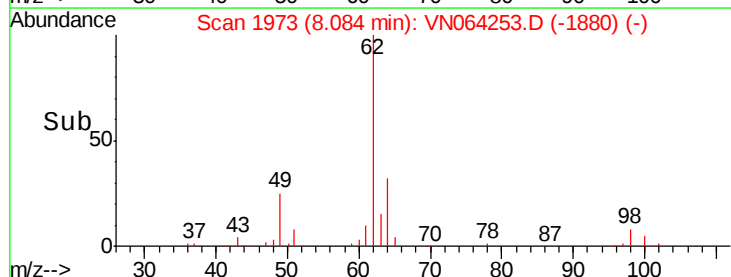
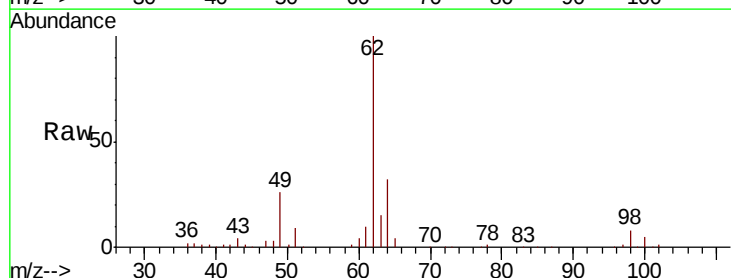
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

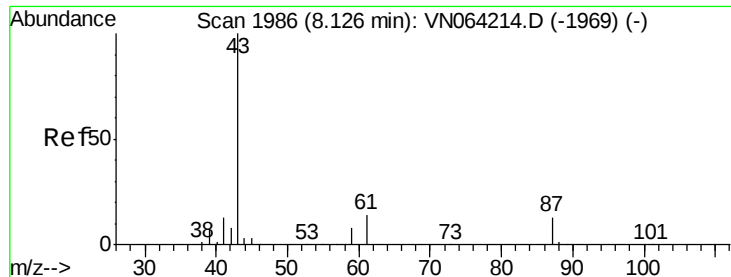
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 103801 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 63.6  | 50.5  | 75.7   |
| 67       | 78.9  | 63.2  | 94.8   |
| 52       | 35.0  | 29.3  | 43.9   |



#42  
1,2-Dichloroethane  
Concen: 48.850 ug/l  
RT: 8.08 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 270381 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.1   | 0.0   | 15.0   |



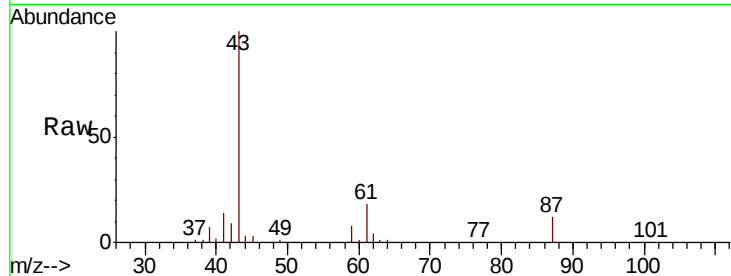


#43

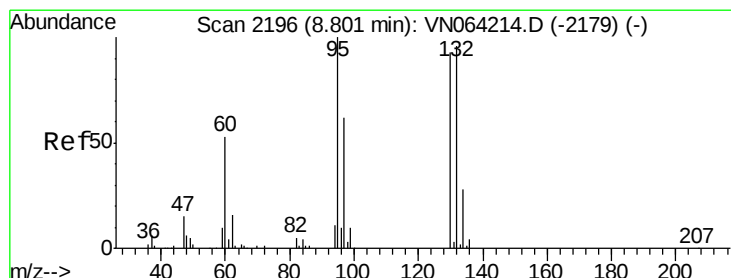
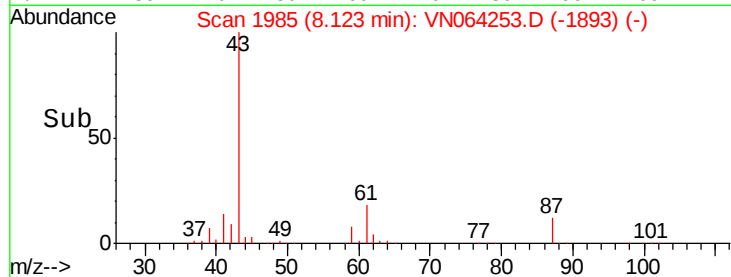
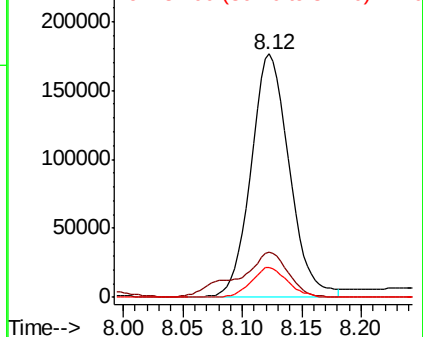
Isopropyl Acetate  
 Concen: 49.383 ug/l  
 RT: 8.12 min Scan# 1985  
 Delta R.T. -0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 17.8  | 19.6  | 29.4# |
| 87      | 11.7  | 9.8   | 14.6  |



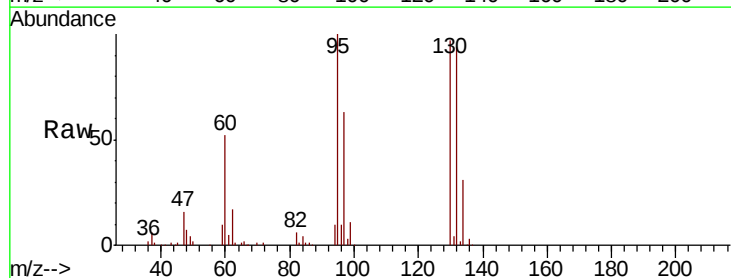
Abundance Ion 43.00 (42.70 to 43.70): VN0  
 Ion 61.00 (60.70 to 61.70): VN0  
 Ion 87.00 (86.70 to 87.70): VN0



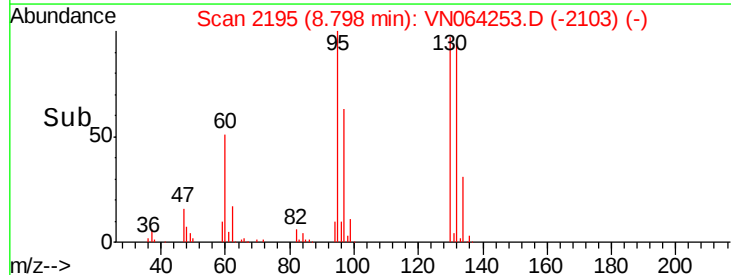
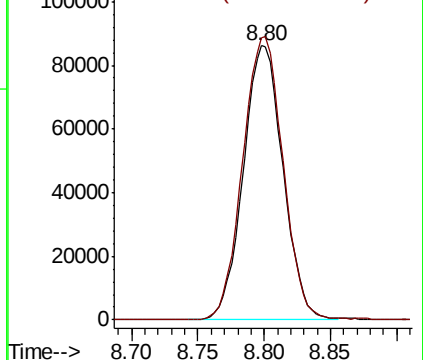
#44

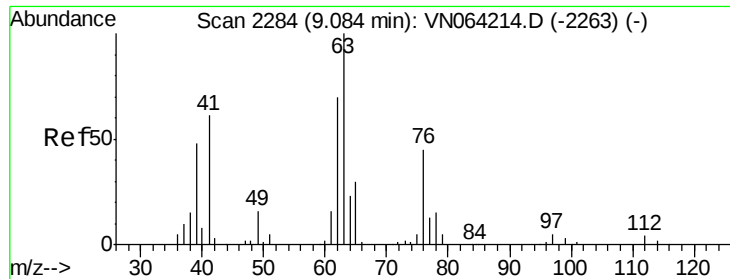
Trichloroethene  
 Concen: 50.931 ug/l  
 RT: 8.80 min Scan# 2195  
 Delta R.T. -0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 102.7 | 0.0   | 214.0 |



Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VN0

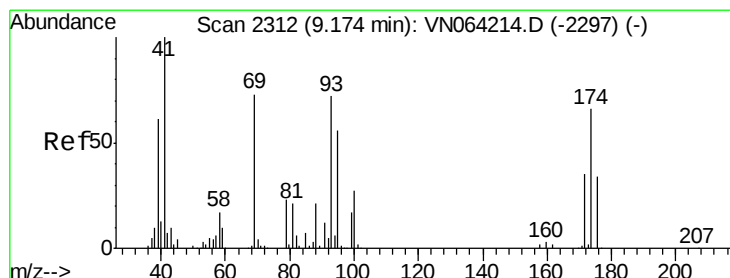
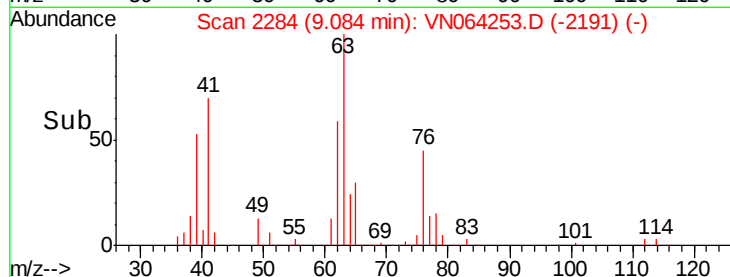
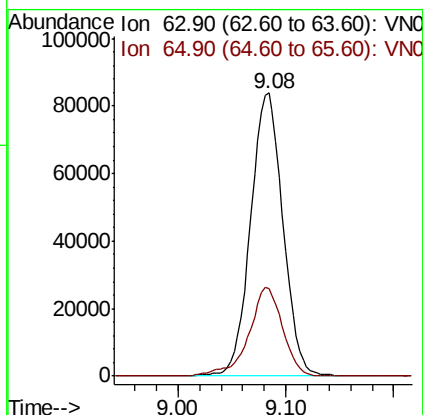
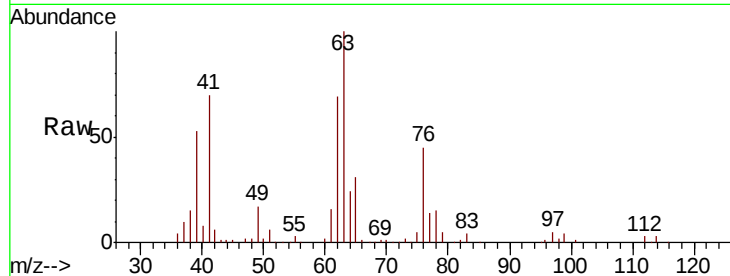




#45  
 1,2-Dichloropropane  
 Concen: 50.660 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. 0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

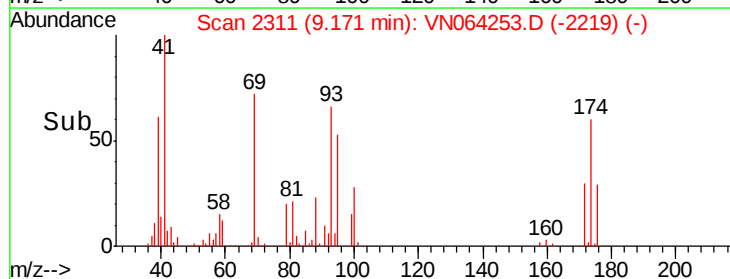
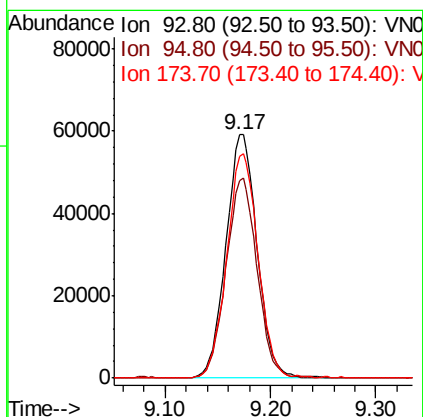
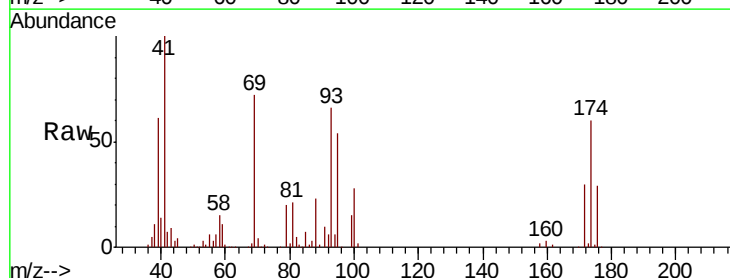
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

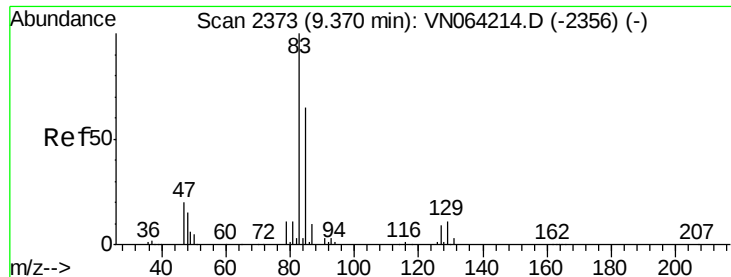
Tot Ion: 63 Resp: 174740  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 24.0 36.0



#46  
 Dibromomethane  
 Concen: 52.165 ug/l  
 RT: 9.17 min Scan# 2311  
 Delta R.T. -0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Tgt Ion: 93 Resp: 120820  
 Ion Ratio Lower Upper  
 93 100  
 95 81.9 63.0 94.4  
 174 92.4 72.9 109.3

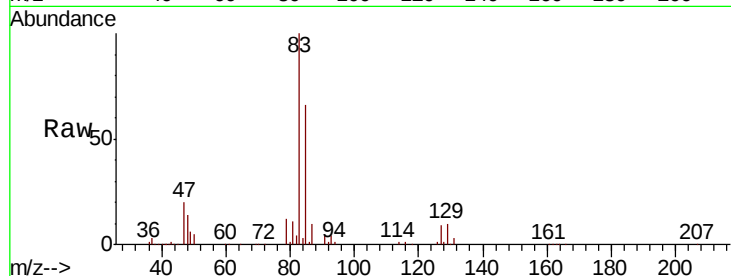




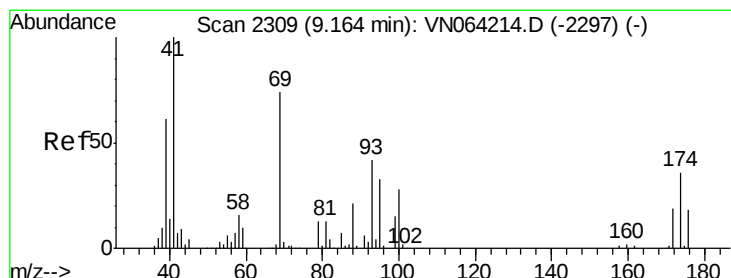
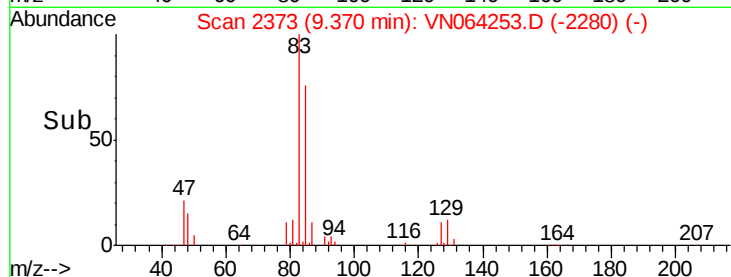
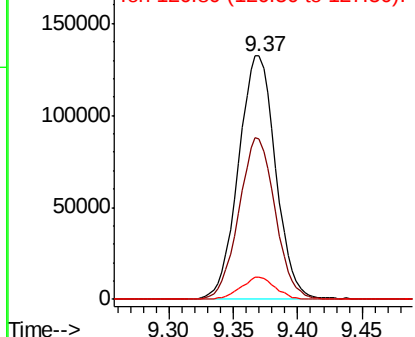
#47  
Bromodichloromethane  
Concen: 51.891 ug/l  
RT: 9.37 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 83 Resp: 265526  
Ion Ratio Lower Upper  
83 100  
85 65.6 51.8 77.8  
127 9.3 7.4 11.0

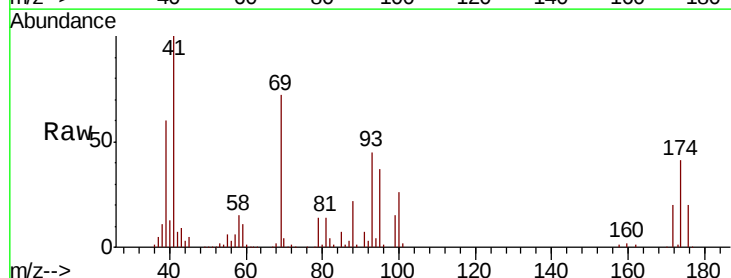


Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): VN0

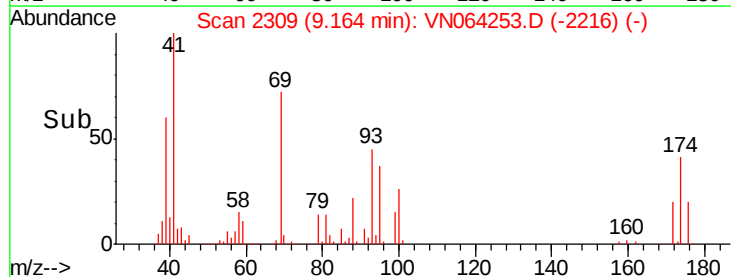
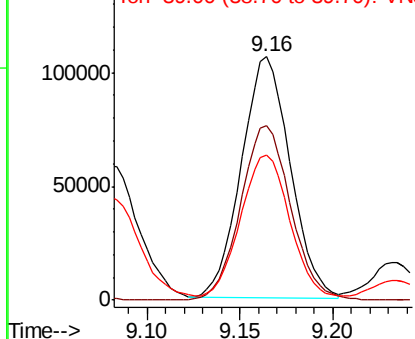


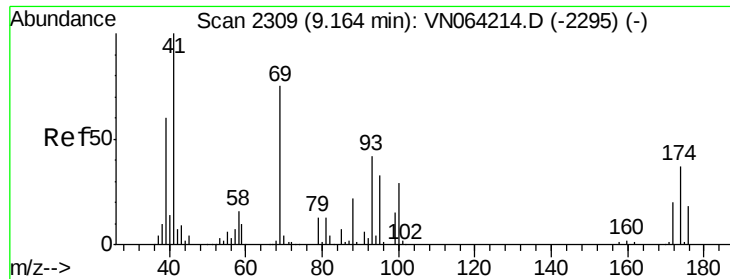
#48  
Methyl methacrylate  
Concen: 47.120 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion: 41 Resp: 194950  
Ion Ratio Lower Upper  
41 100  
69 74.2 57.3 85.9  
39 61.0 48.6 73.0



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1027.368 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

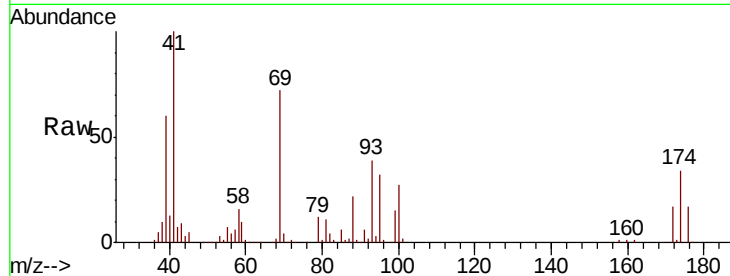
Tot Ion: 88 Resp: 49733

Ion Ratio Lower Upper

88 100

43 37.6 34.6 52.0

58 69.1 59.0 88.6



Abundance Ion 88.00 (87.70 to 88.70): VN064214.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN064214.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN064214.D (-2295) (-)

200000

150000

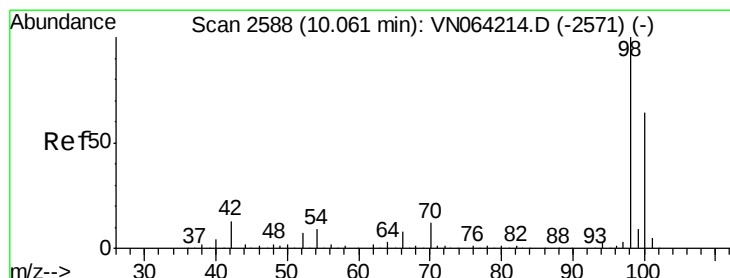
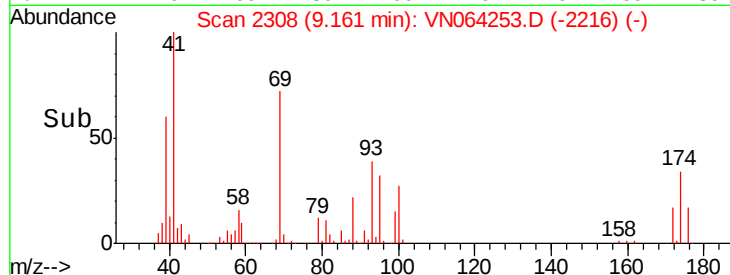
100000

50000

0

9.10 9.15 9.20 9.25

Time-->



#50

Toluene-d8

Concen: 52.805 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064253.D

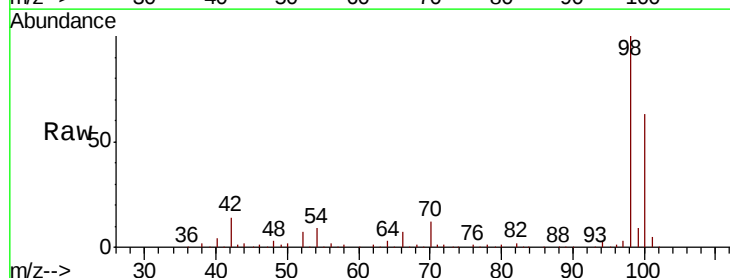
Acq: 22 Oct 2020 16:21

Tgt Ion: 98 Resp: 597916

Ion Ratio Lower Upper

98 100

100 64.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN064214.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064214.D (-2571) (-)

400000

300000

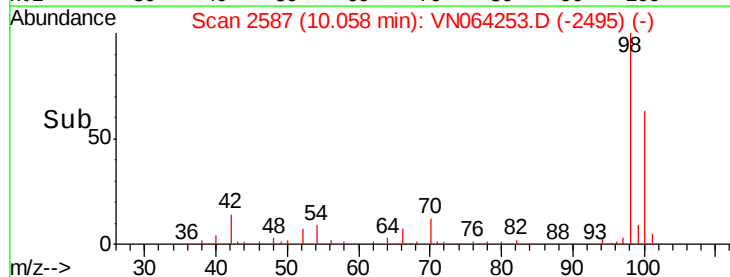
200000

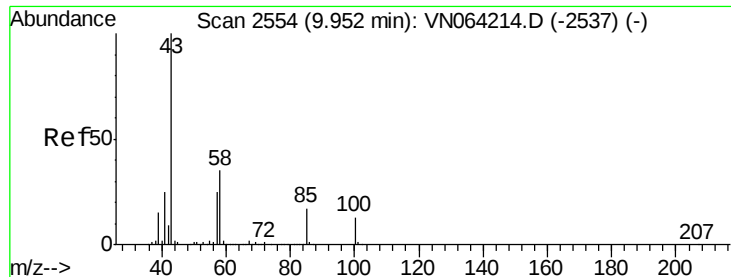
100000

0

10.00 10.05 10.10

Time-->

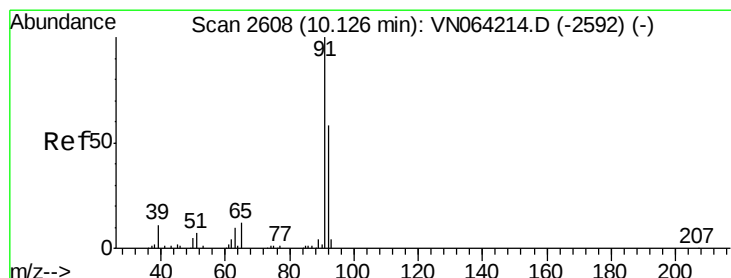
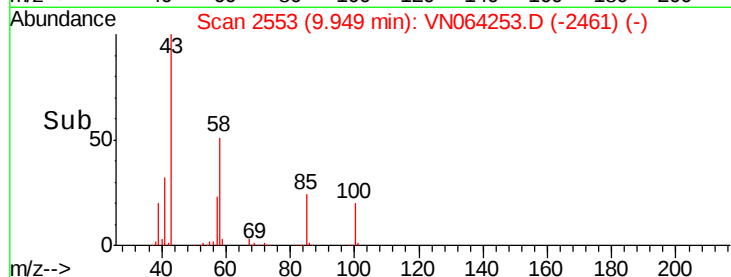
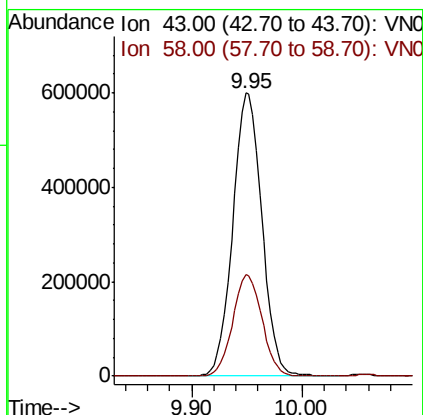
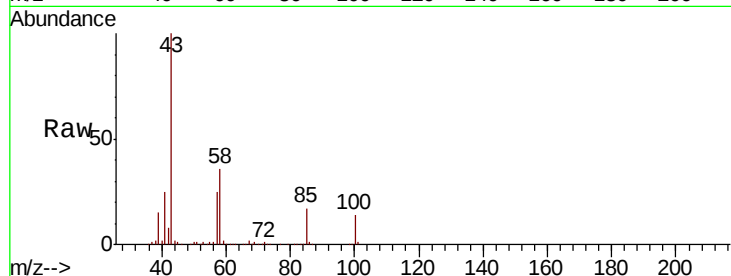




#51  
 4-Methyl-2-Pentanone  
 Concen: 258.064 ug/l  
 RT: 9.95 min Scan# 2553  
 Delta R.T. -0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

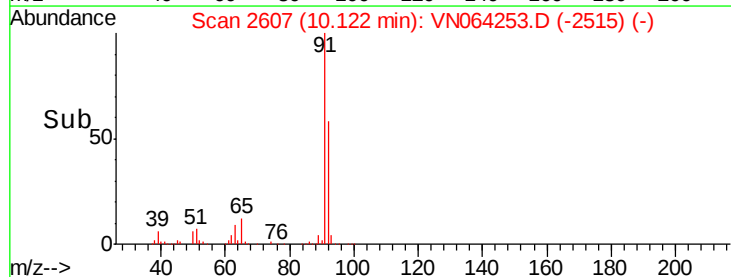
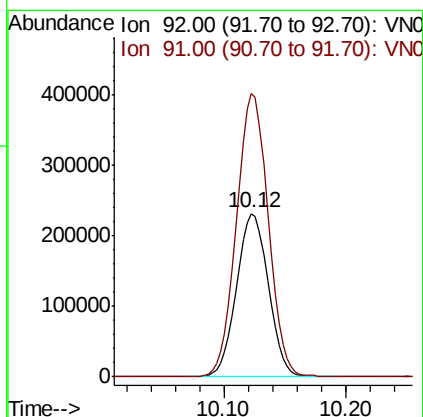
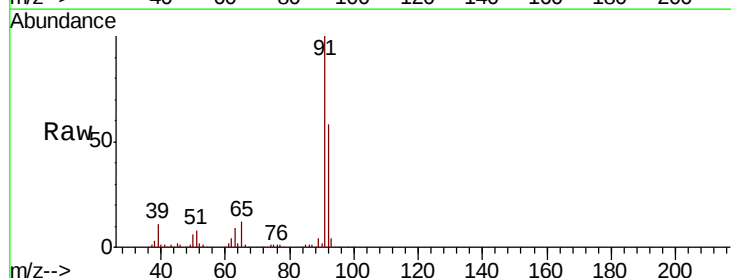
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

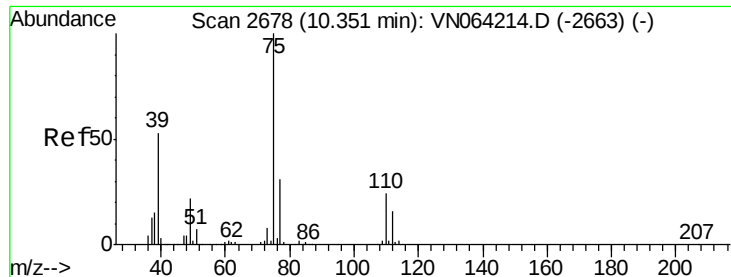
Tot Ion: 43 Resp: 1092352  
 Ion Ratio Lower Upper  
 43 100  
 58 36.1 28.6 42.8



#52  
 Toluene  
 Concen: 50.498 ug/l  
 RT: 10.12 min Scan# 2607  
 Delta R.T. -0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Tgt Ion: 92 Resp: 417486  
 Ion Ratio Lower Upper  
 92 100  
 91 173.2 137.4 206.2

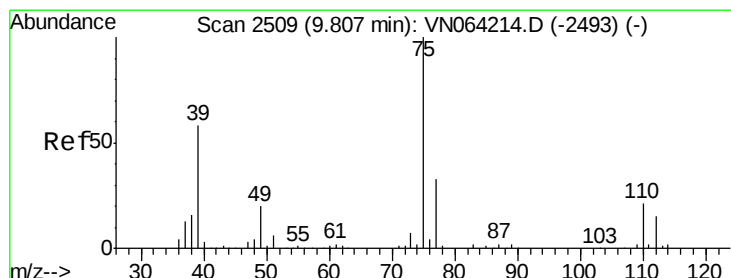
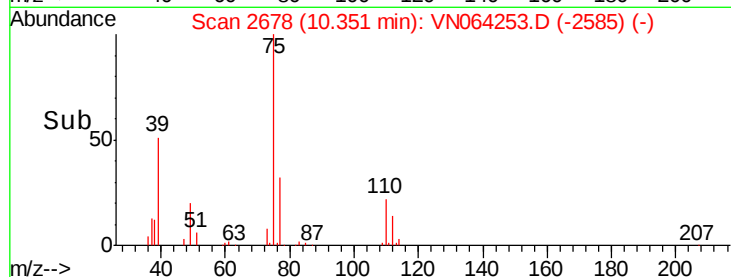
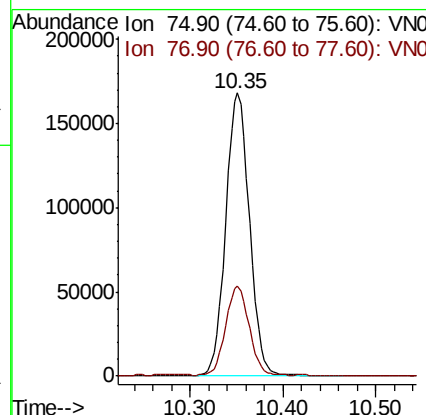
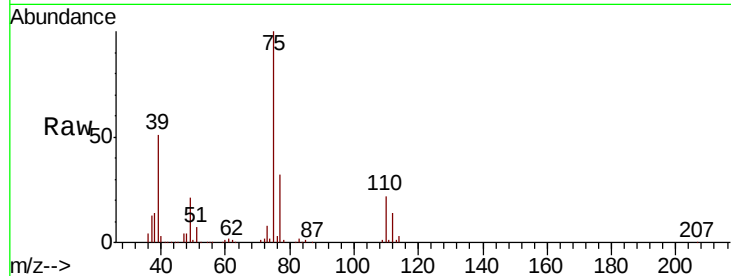




#53  
t-1,3-Dichloropropene  
Concen: 52.565 ug/l  
RT: 10.35 min Scan# 2678  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

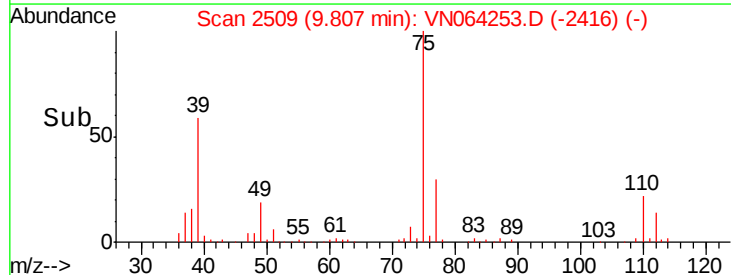
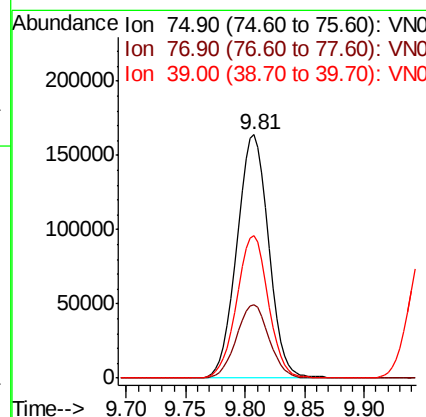
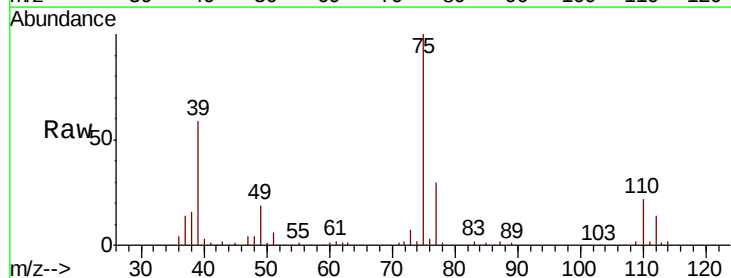
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

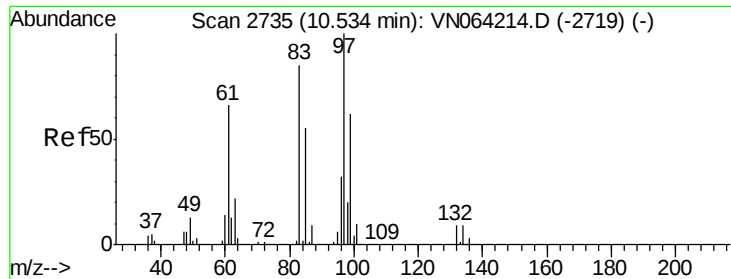
Tot Ion: 75 Resp: 298795  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 50.828 ug/l  
RT: 9.81 min Scan# 2509  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion: 75 Resp: 304209  
Ion Ratio Lower Upper  
75 100  
77 30.3 26.6 39.8  
39 58.7 46.7 70.1

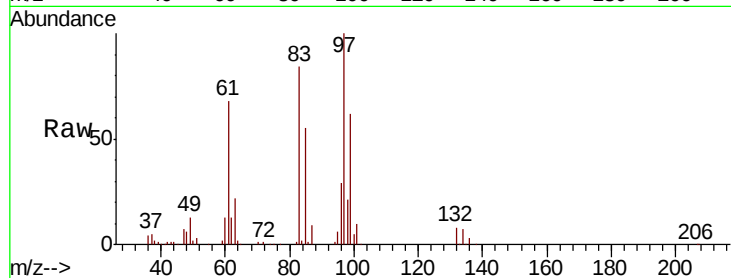




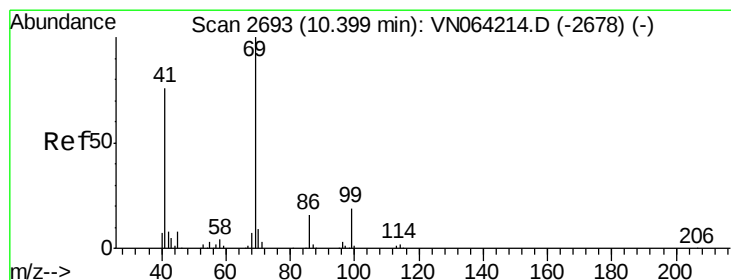
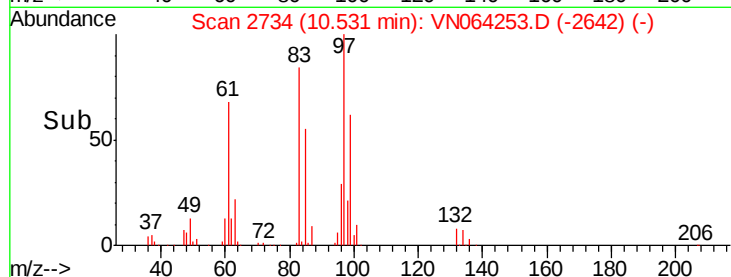
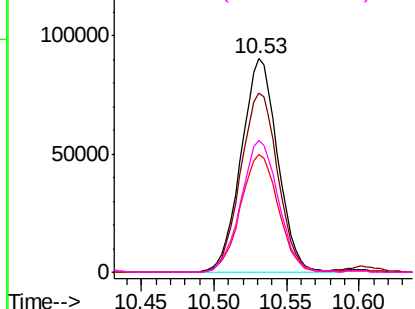
#55  
 1,1,2-Trichloroethane  
 Concen: 50.629 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 158085 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.9  | 67.8  | 101.6  |
| 85       | 54.9  | 43.6  | 65.4   |
| 99       | 61.5  | 49.9  | 74.9   |

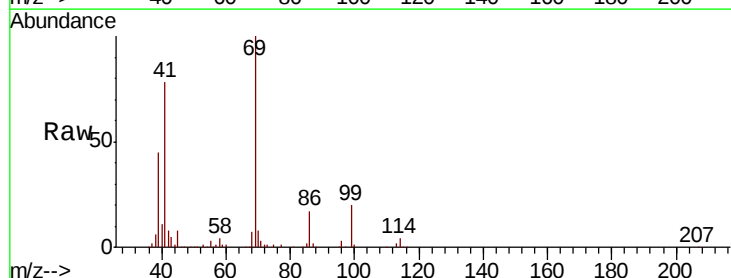


Abundance Ion 96.90 (96.60 to 97.60): VNO  
 Ion 82.90 (82.60 to 83.60): VNO  
 Ion 84.90 (84.60 to 85.60): VNO  
 Ion 98.90 (98.60 to 99.60): VNO

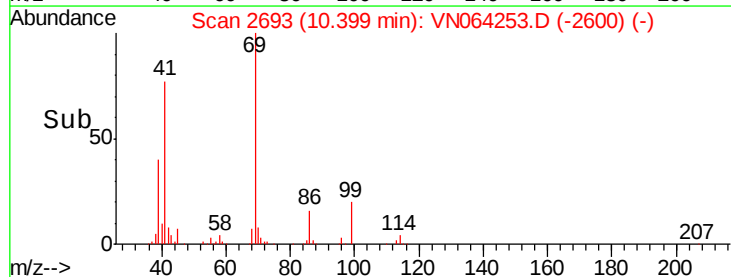
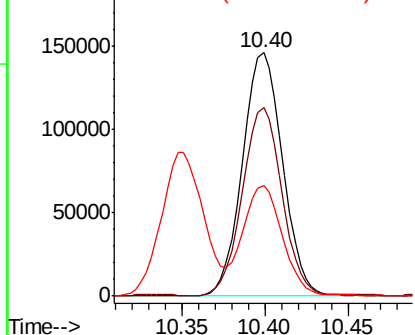


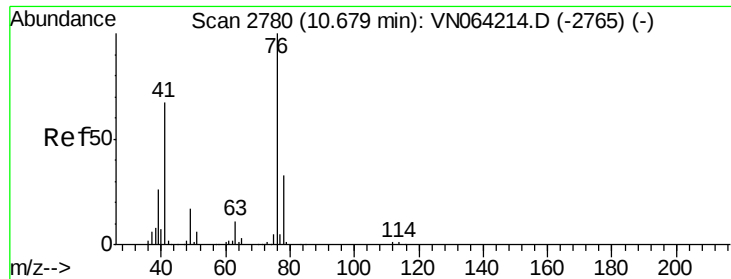
#56  
 Ethyl methacrylate  
 Concen: 50.985 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 246154 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 76.2  | 61.4  | 92.2   |
| 39       | 44.4  | 36.0  | 54.0   |



Abundance Ion 69.00 (68.70 to 69.70): VNO  
 Ion 41.00 (40.70 to 41.70): VNO  
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 51.136 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

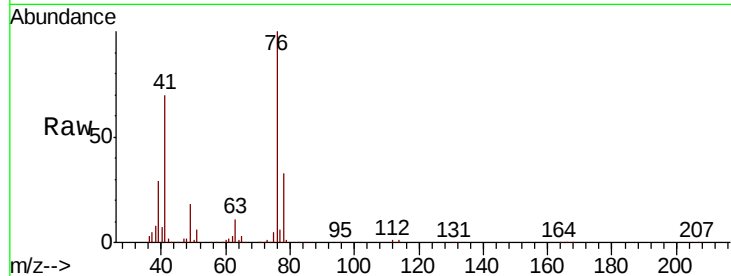
VSTDCCC050

Tot Ion: 76 Resp: 277340

Ion Ratio Lower Upper

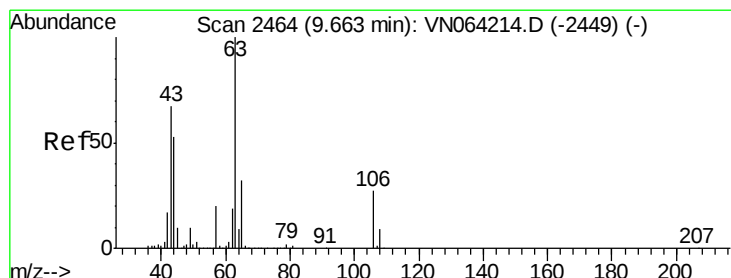
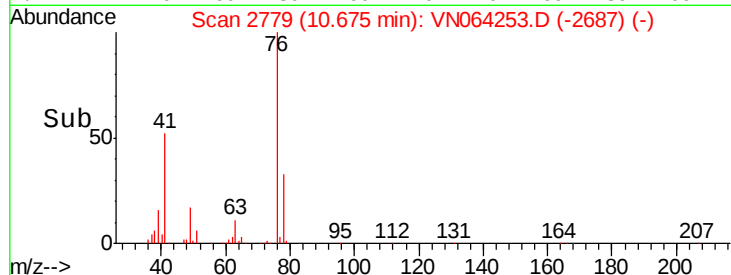
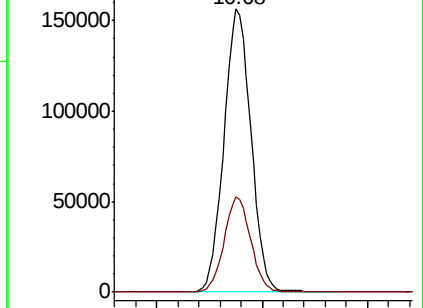
76 100

78 33.0 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN064214.D (-2765) (-)

Ion 77.90 (77.60 to 78.60): VN064214.D (-2765) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 226.956 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064253.D

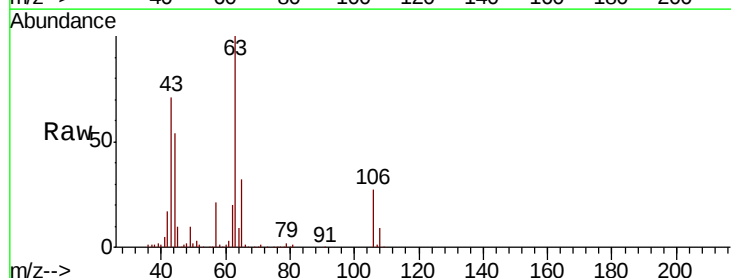
Acq: 22 Oct 2020 16:21

Tgt Ion: 63 Resp: 564237

Ion Ratio Lower Upper

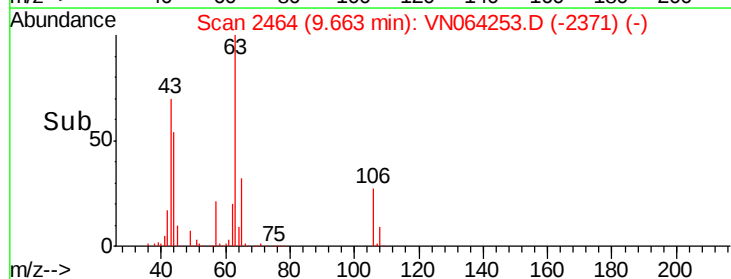
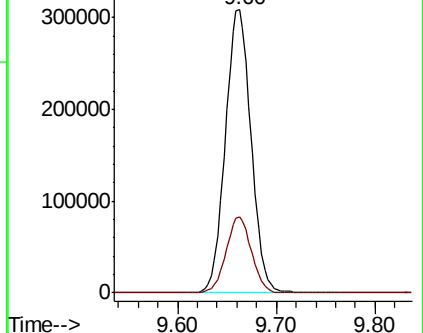
63 100

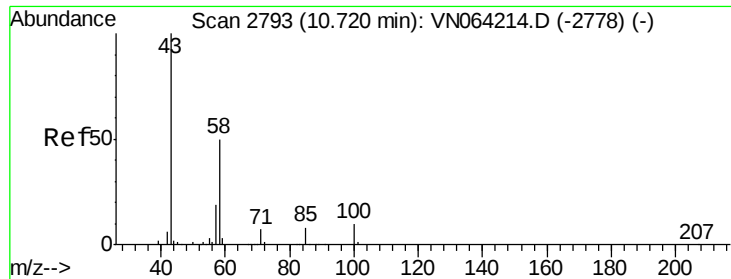
106 26.4 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VN064214.D (-2449) (-)

Ion 105.90 (105.60 to 106.60): VN064214.D (-2449) (-)

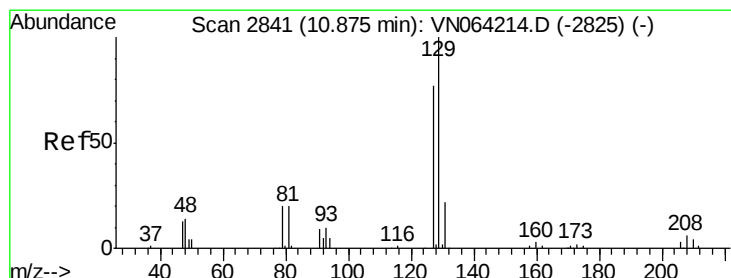
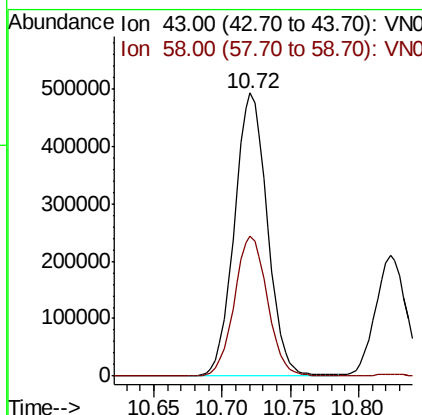
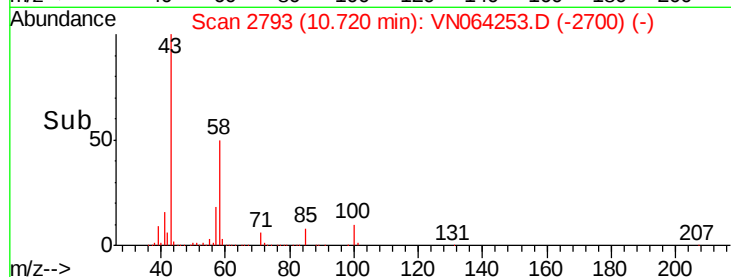
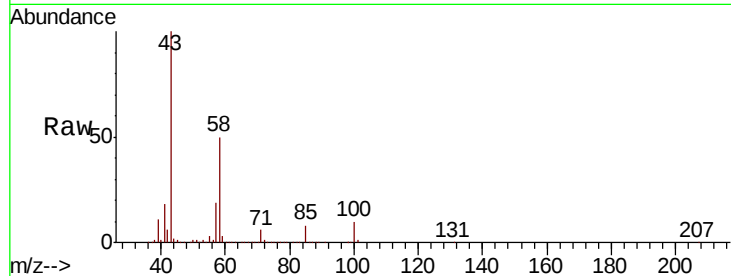




#59  
2-Hexanone  
Concen: 265.974 ug/l  
RT: 10.72 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

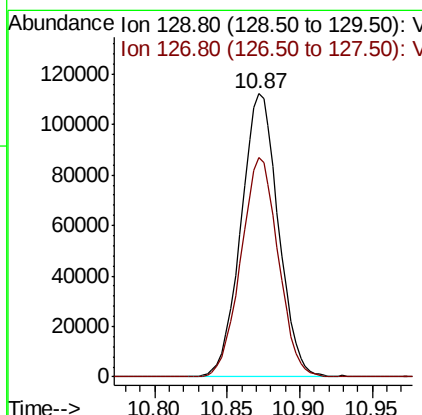
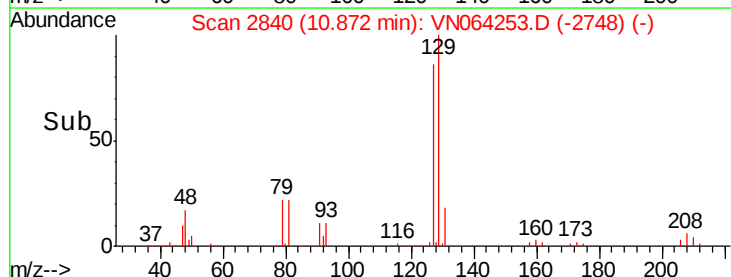
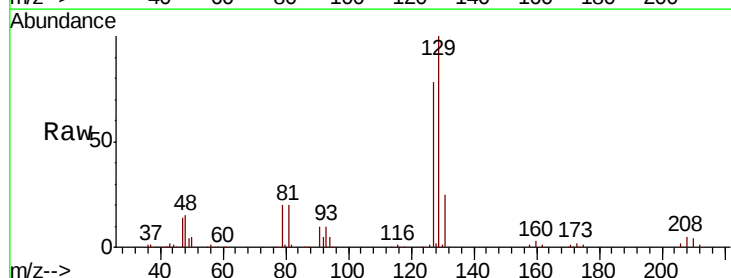
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

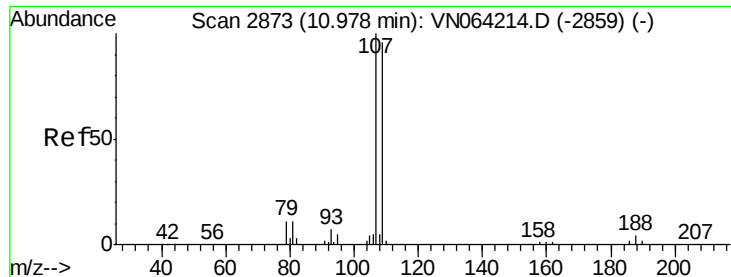
Tot Ion: 43 Resp: 822204  
Ion Ratio Lower Upper  
43 100  
58 50.0 24.8 74.3



#60  
Dibromochloromethane  
Concen: 49.691 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion: 129 Resp: 200856  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.8 116.3

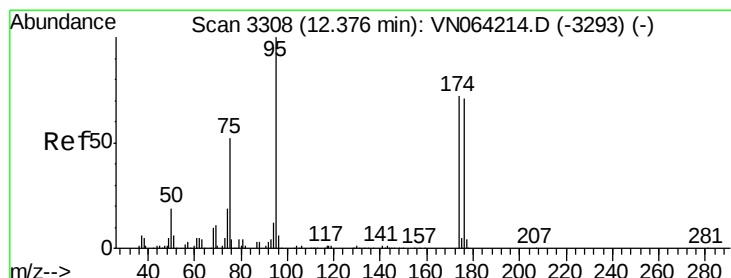
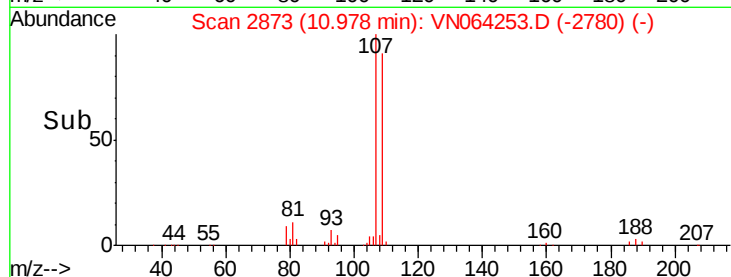
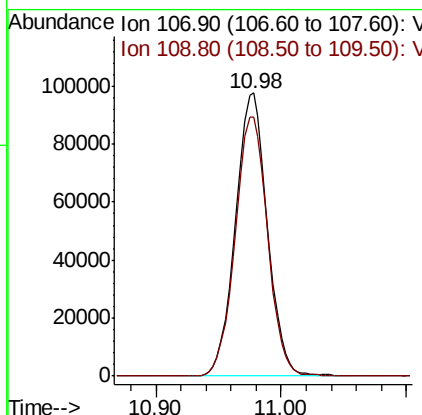
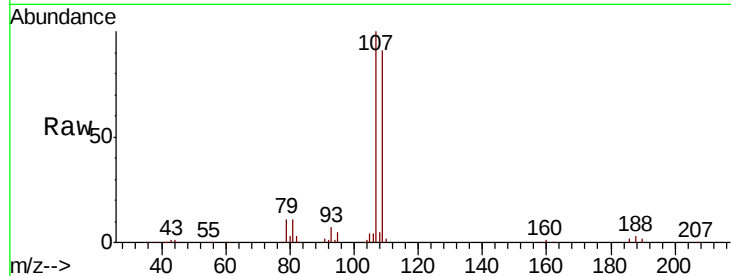




#61  
 1,2-Dibromoethane  
 Concen: 52.153 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. 0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

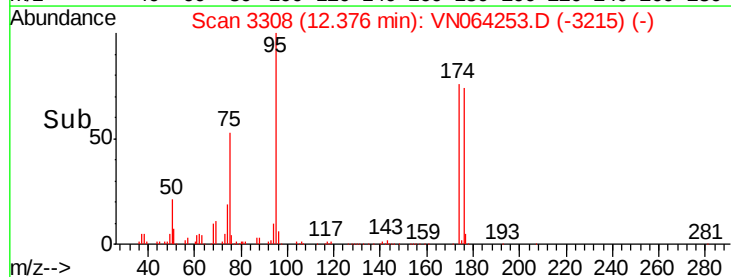
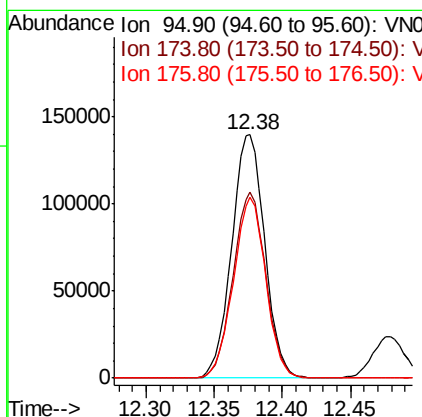
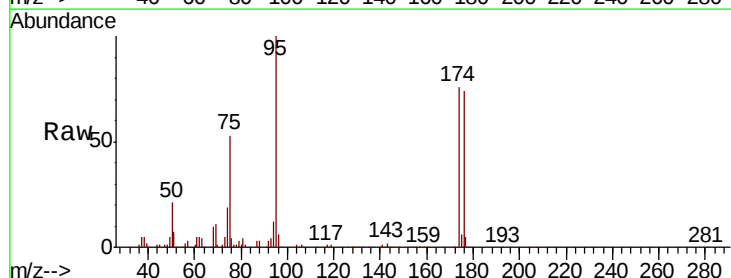
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

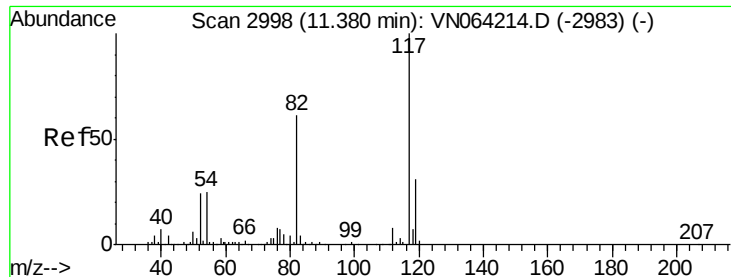
Tot Ion:107 Resp: 171839  
 Ion Ratio Lower Upper  
 107 100  
 109 93.6 76.2 114.4



#62  
 4-Bromofluorobenzene  
 Concen: 51.148 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. 0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Tgt Ion: 95 Resp: 234780  
 Ion Ratio Lower Upper  
 95 100  
 174 75.7 0.0 144.4  
 176 72.8 0.0 139.2

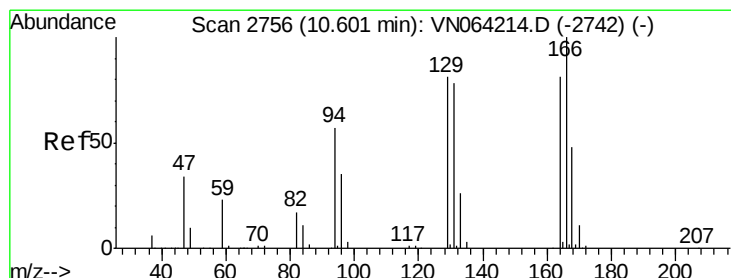
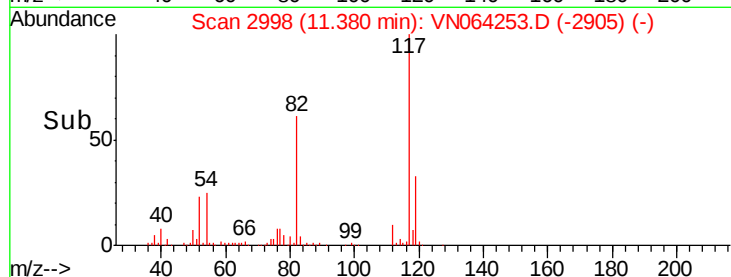
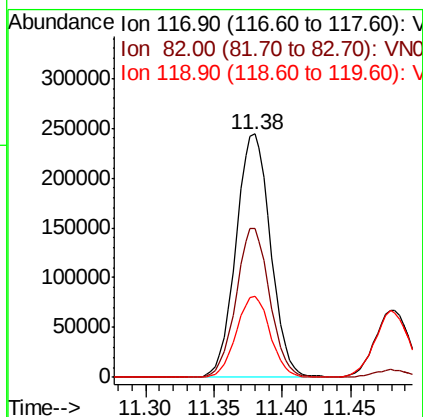
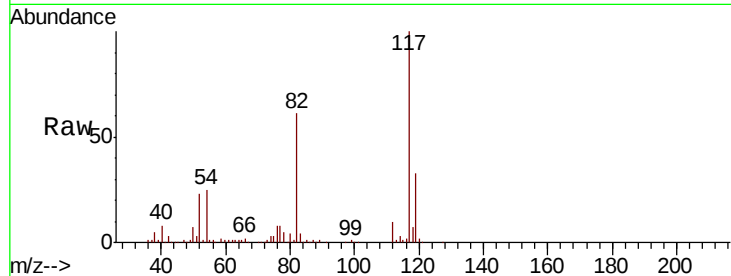




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

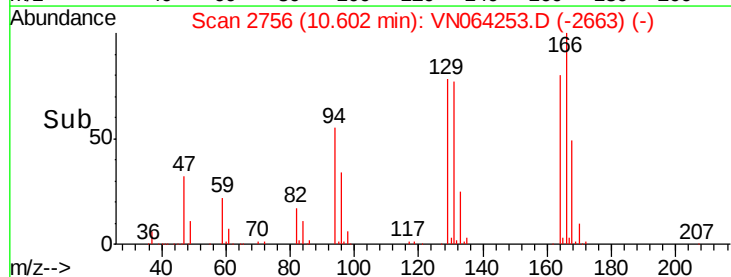
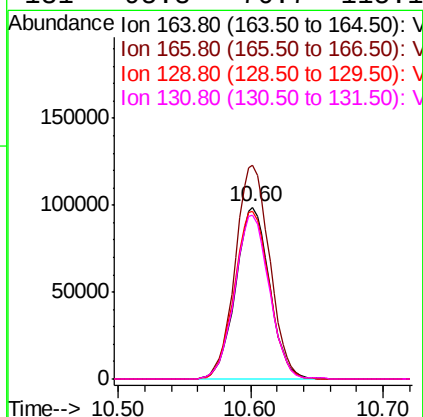
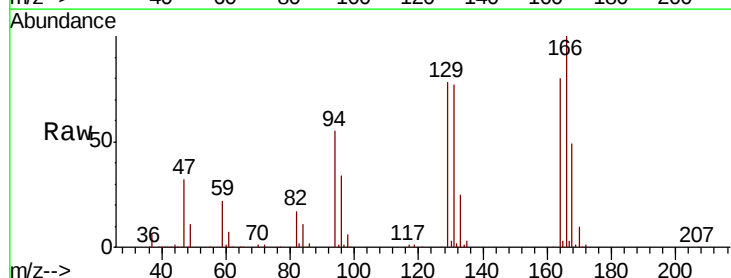
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

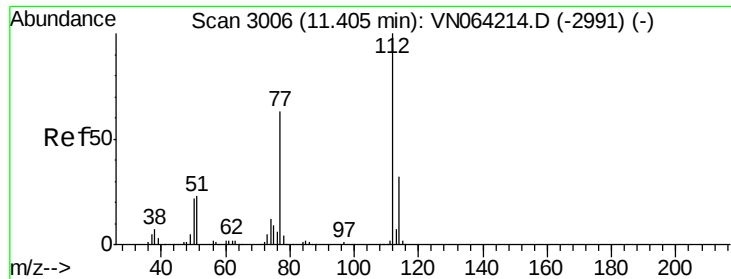
Tot Ion:117 Resp: 429225  
Ion Ratio Lower Upper  
117 100  
82 61.3 48.8 73.2  
119 33.2 24.7 37.1



#64  
Tetrachloroethene  
Concen: 50.771 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion:164 Resp: 175442  
Ion Ratio Lower Upper  
164 100  
166 124.5 98.9 148.3  
129 97.6 79.9 119.9  
131 95.8 76.7 115.1

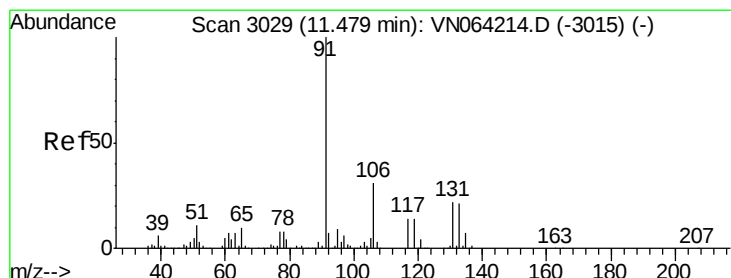
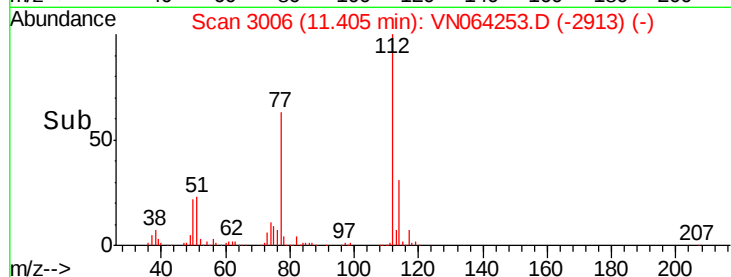
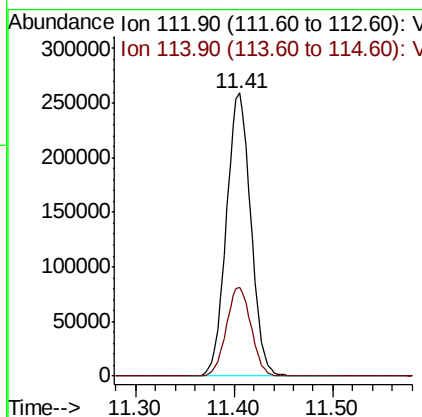
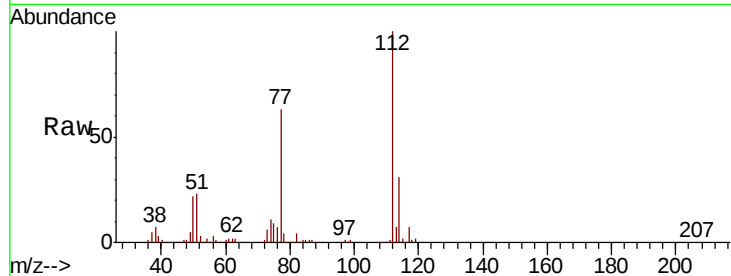




#65  
Chlorobenzene  
Concen: 50.758 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

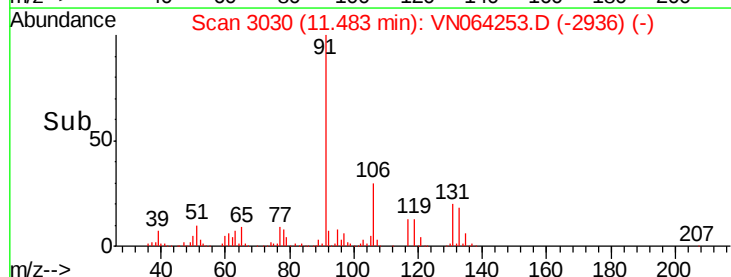
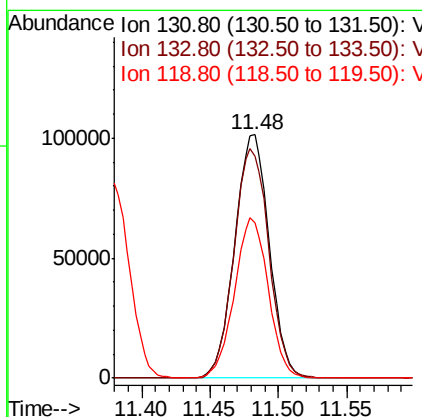
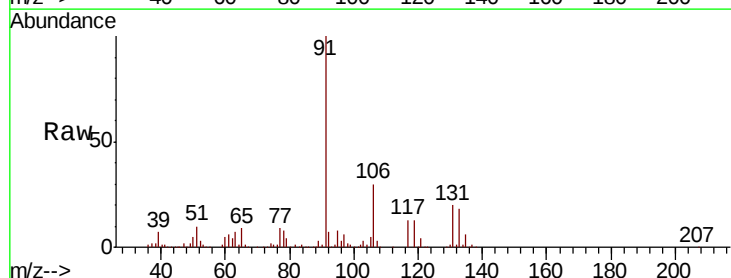
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

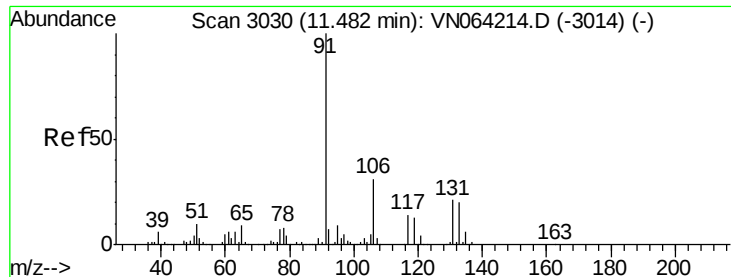
Tot Ion:112 Resp: 450965  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.583 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion:131 Resp: 178390  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.8 143.4  
119 64.5 32.2 96.6

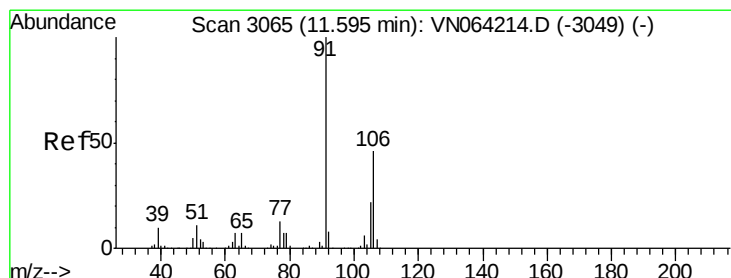
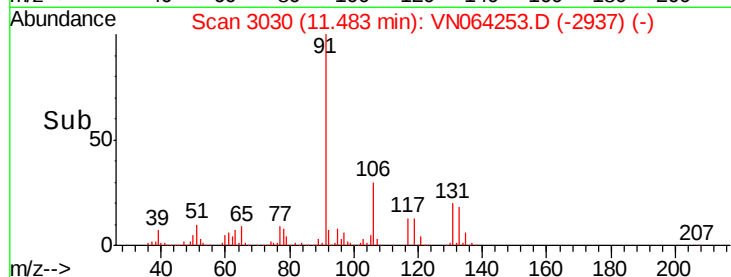
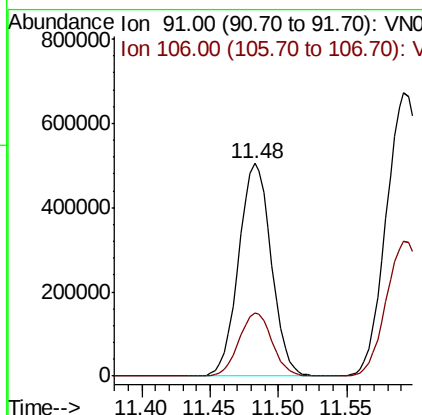
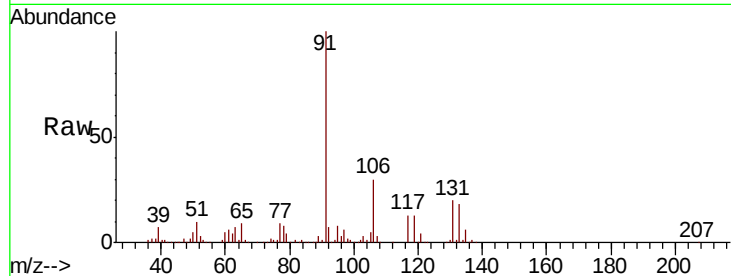




#67  
Ethyl Benzene  
Concen: 51.370 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

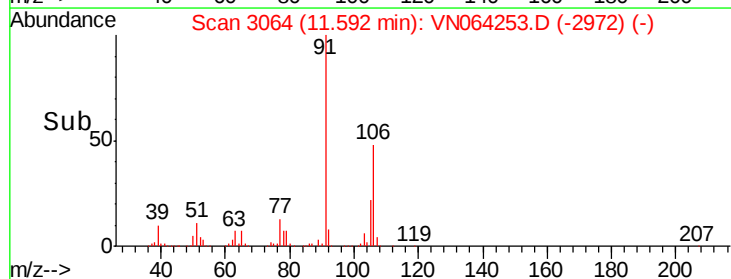
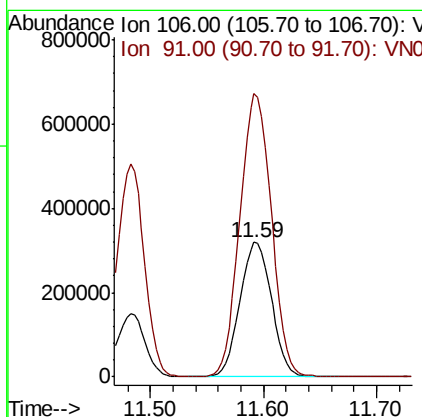
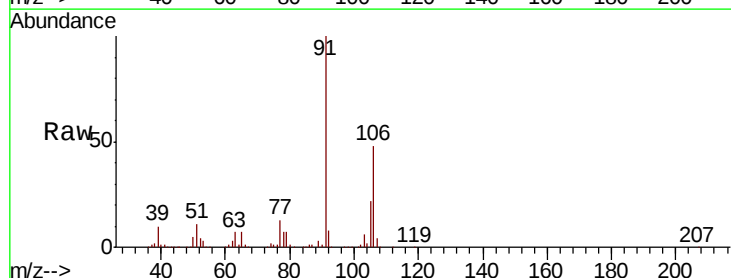
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

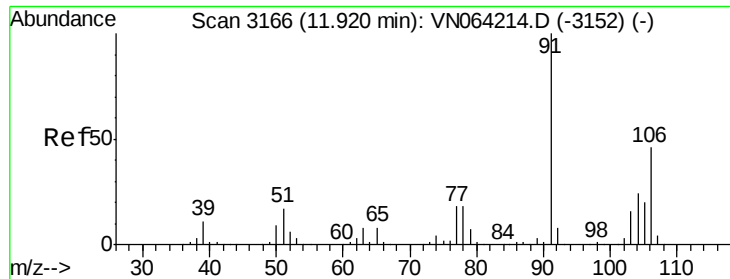
Tot Ion: 91 Resp: 838774  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.8 37.2



#68  
m/p-Xylenes  
Concen: 102.705 ug/l  
RT: 11.59 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion: 106 Resp: 621326  
Ion Ratio Lower Upper  
106 100  
91 210.7 172.2 258.2

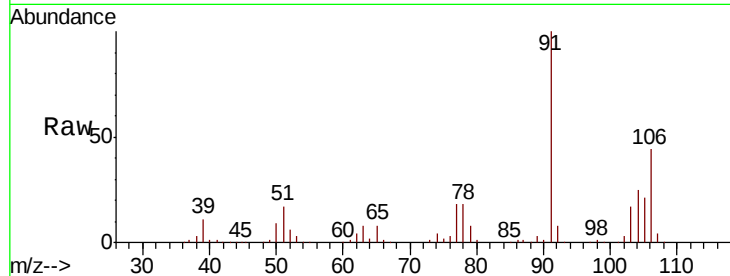




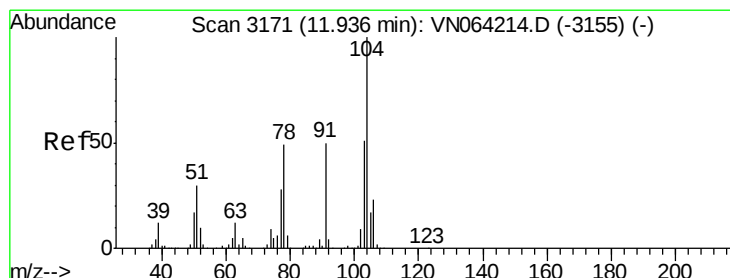
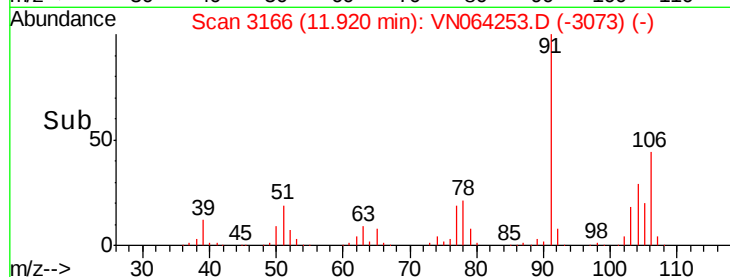
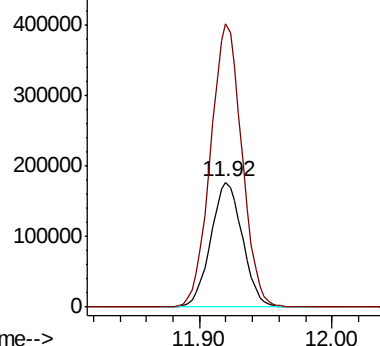
#69  
o-Xylene  
Concen: 50.227 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

Tot Ion:106 Resp: 293869  
Ion Ratio Lower Upper  
106 100  
91 224.3 109.9 329.6

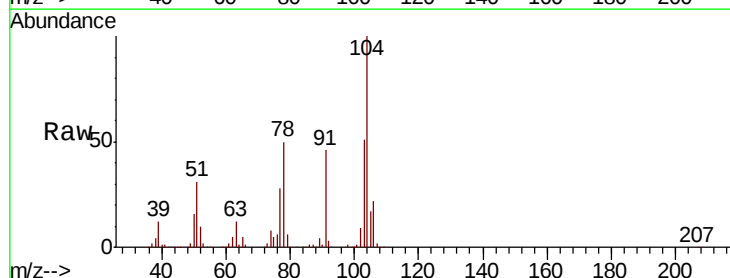


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

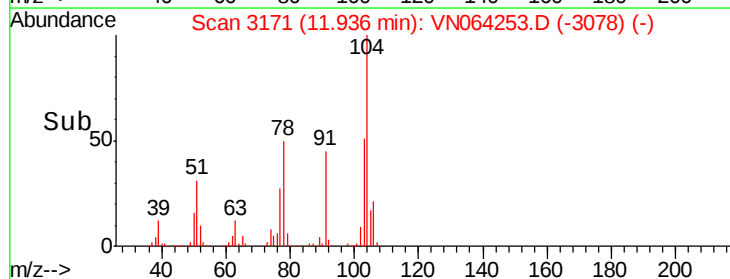
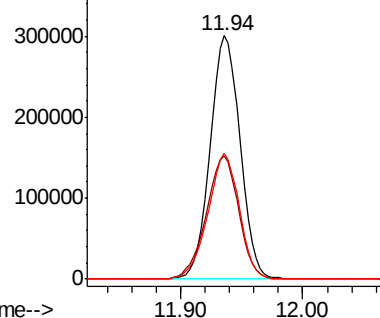


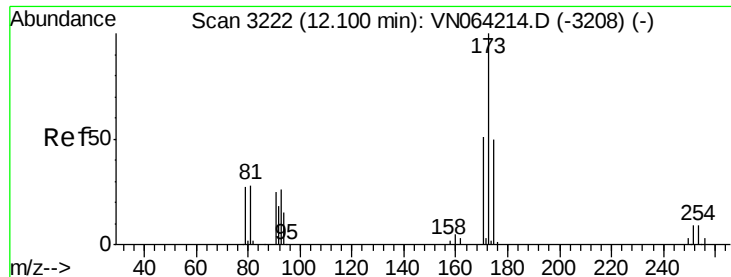
#70  
Styrene  
Concen: 51.960 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion:104 Resp: 509580  
Ion Ratio Lower Upper  
104 100  
78 55.0 43.8 65.6  
103 54.3 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): V  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.388 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

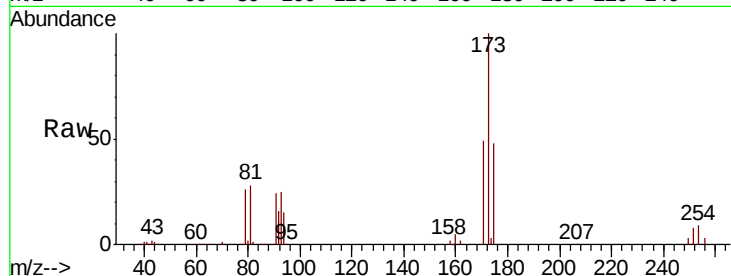
Tot Ion:173 Resp: 142723

Ion Ratio Lower Upper

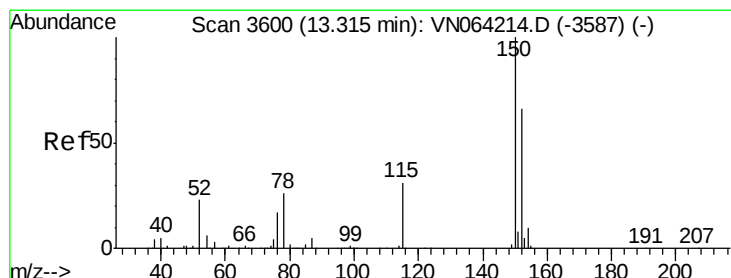
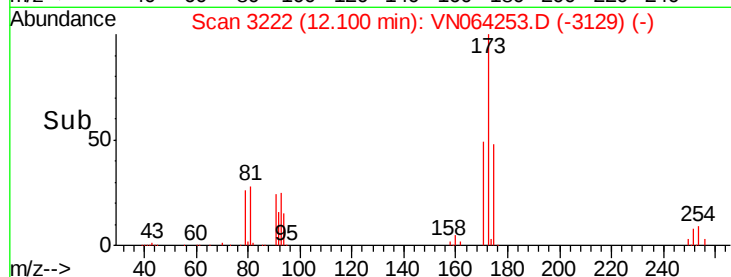
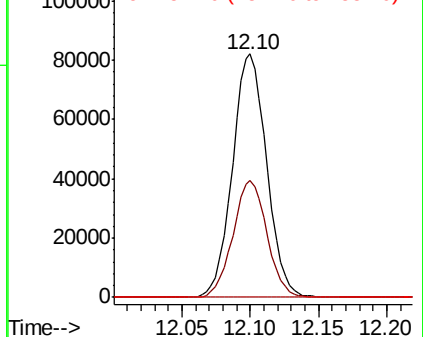
173 100

175 47.7 25.1 75.3

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

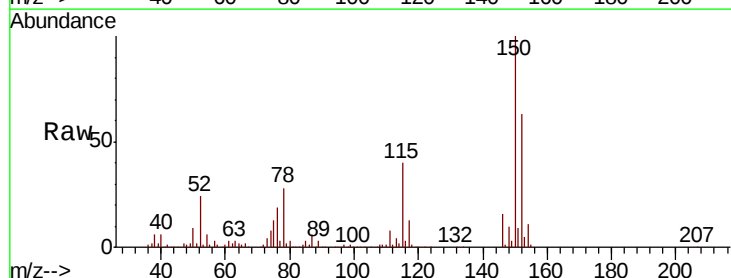
Tgt Ion:152 Resp: 213841

Ion Ratio Lower Upper

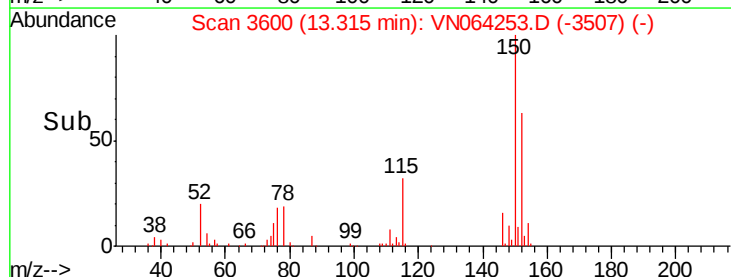
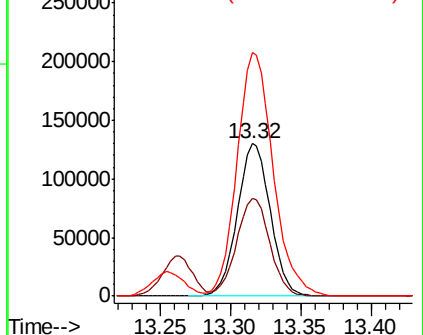
152 100

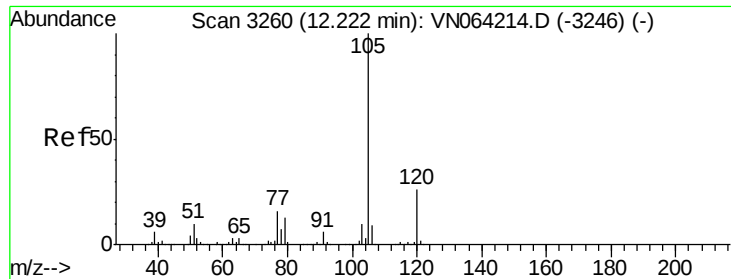
115 63.8 32.0 96.2

150 174.0 0.0 356.6



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.311 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

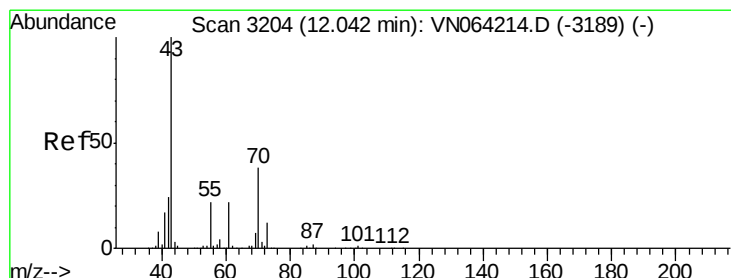
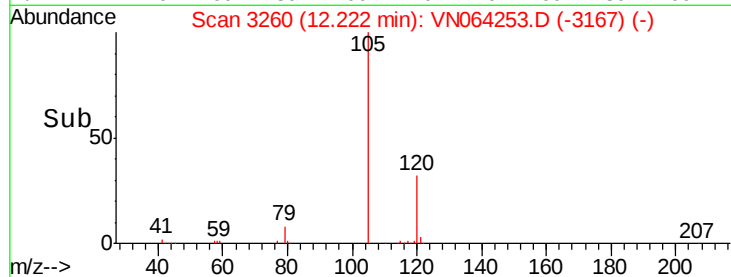
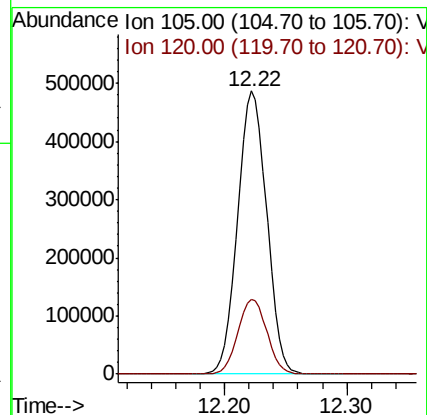
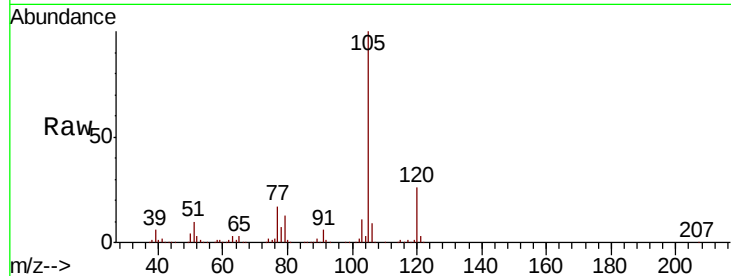
VSTDCCC050

Tot Ion:105 Resp: 804246

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.7



#74

N-ethyl acetate

Concen: 49.030 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Tgt Ion: 43 Resp: 345534

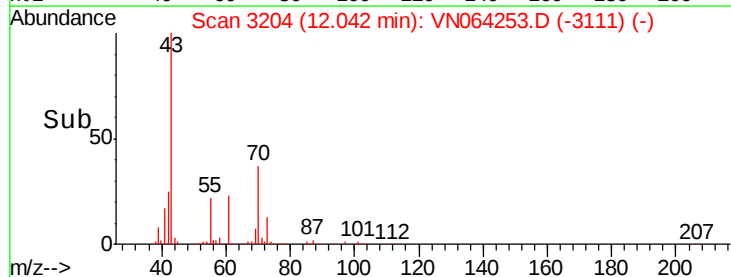
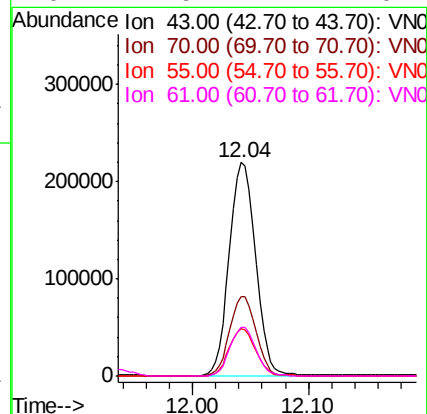
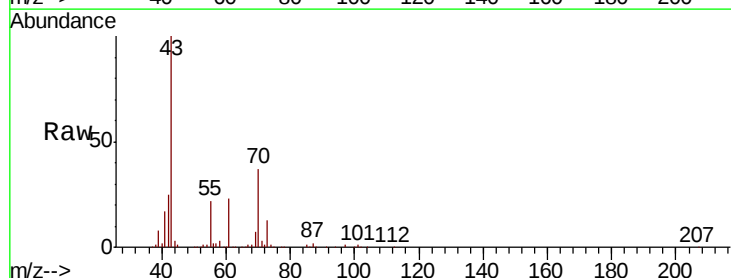
Ion Ratio Lower Upper

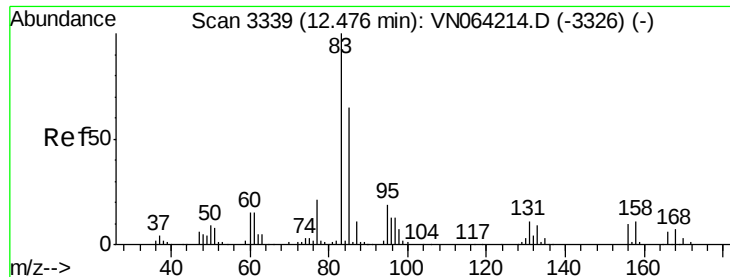
43 100

70 37.4 30.2 45.4

55 22.4 18.0 27.0

61 22.5 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.534 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

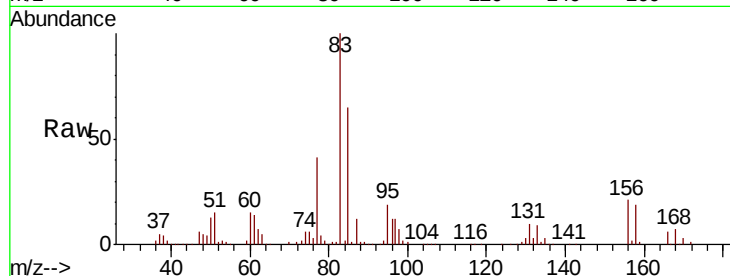
Tot Ion: 83 Resp: 214385

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.7

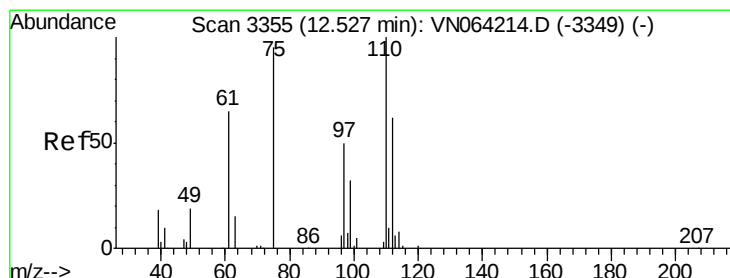
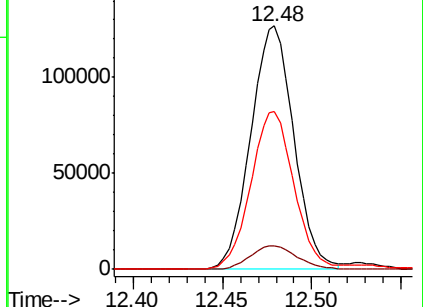
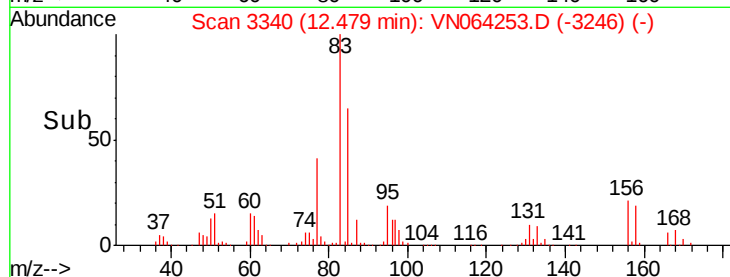
85 65.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN064253.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064253.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064253.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 72.162 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064253.D

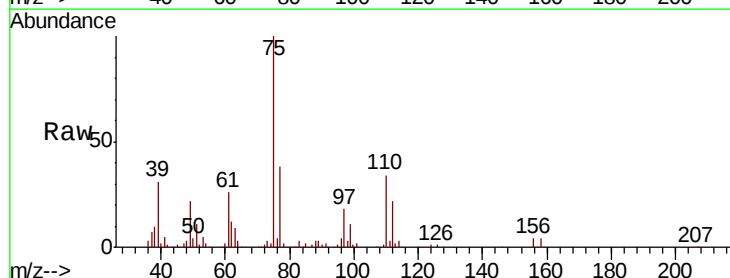
Acq: 22 Oct 2020 16:21

Tgt Ion: 75 Resp: 325316

Ion Ratio Lower Upper

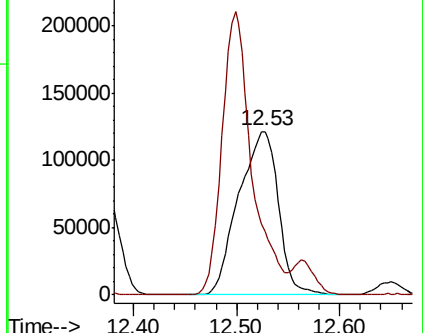
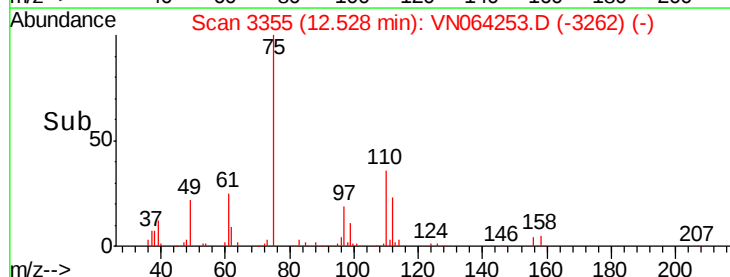
75 100

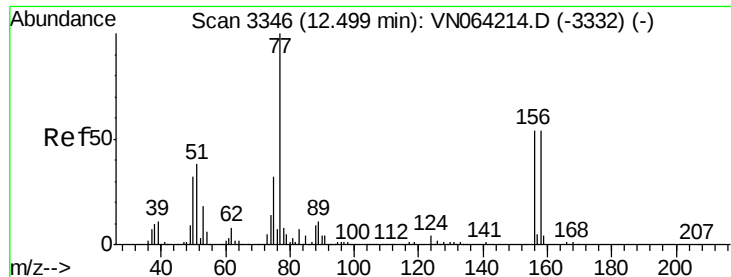
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064253.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064253.D (-3262) (-)





#77

Bromobenzene

Concen: 50.525 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

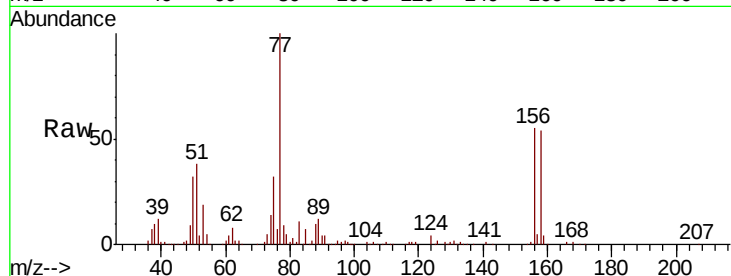
Tot Ion:156 Resp: 194540

Ion Ratio Lower Upper

156 100

77 219.3 111.1 333.4

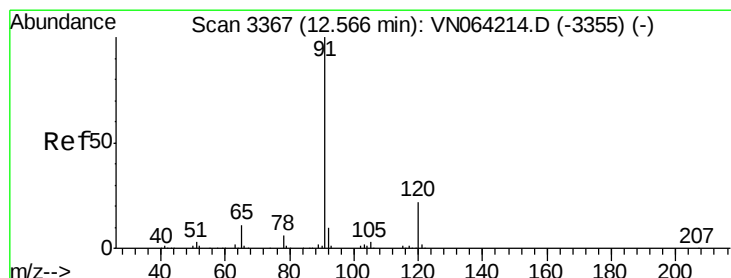
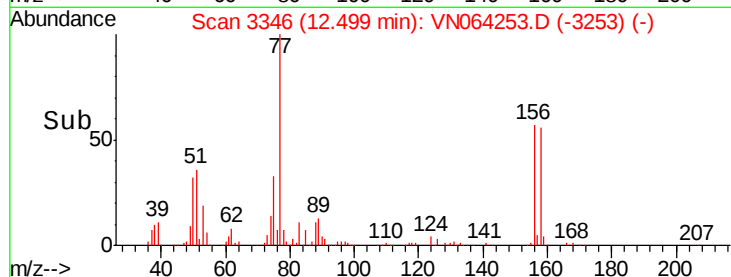
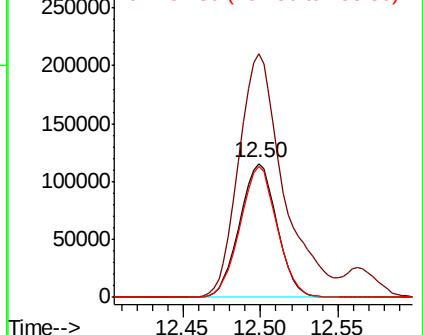
158 97.0 50.0 150.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.133 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064253.D

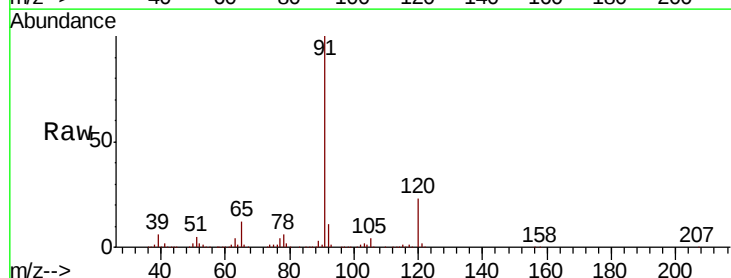
Acq: 22 Oct 2020 16:21

Tgt Ion: 91 Resp: 921896

Ion Ratio Lower Upper

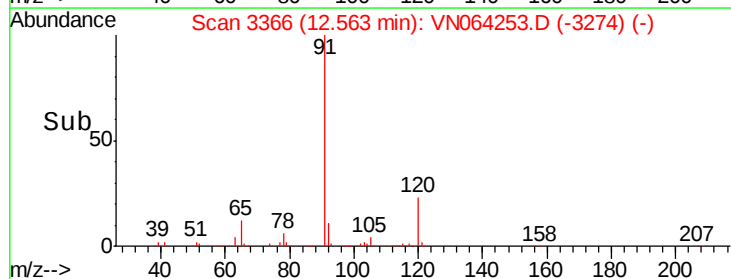
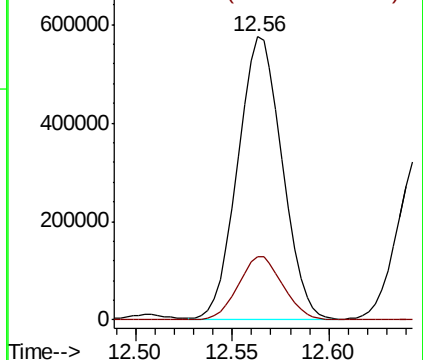
91 100

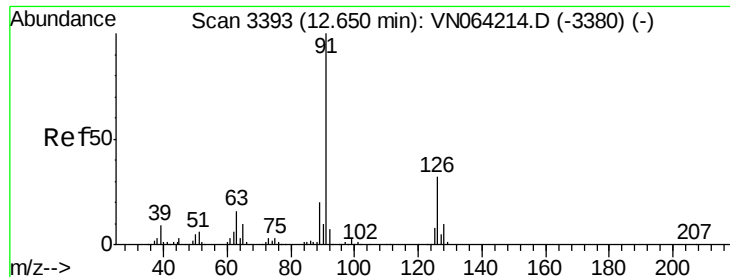
120 22.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

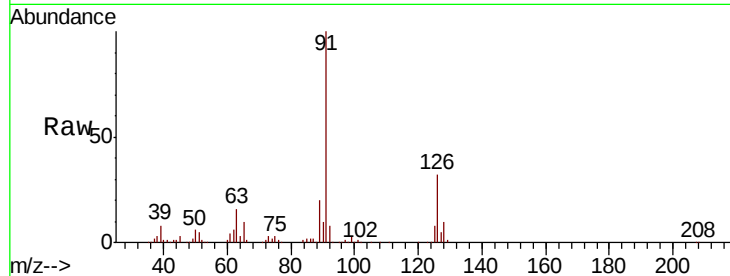




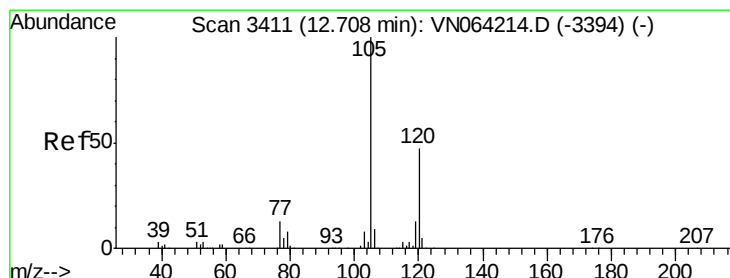
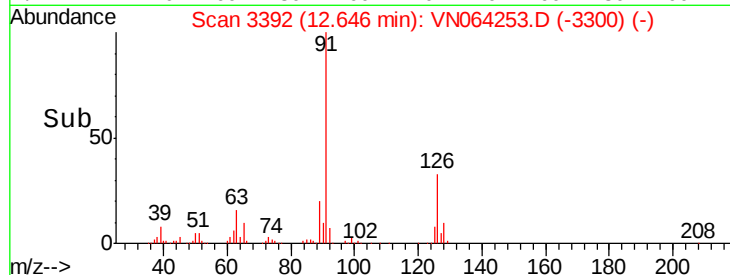
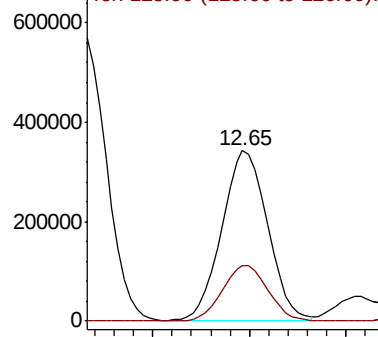
#79  
 2-Chlorotoluene  
 Concen: 50.049 ug/l  
 RT: 12.65 min Scan# 3392  
 Delta R.T. -0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 565297  
 Ion Ratio Lower Upper  
 91 100  
 126 32.5 16.0 48.0

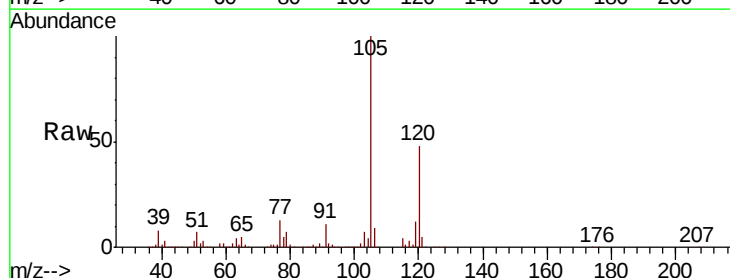


Abundance Ion 91.00 (90.70 to 91.70): VN064214.D (-3380) (-)  
 Ion 125.90 (125.60 to 126.60): VN064214.D (-3380) (-)

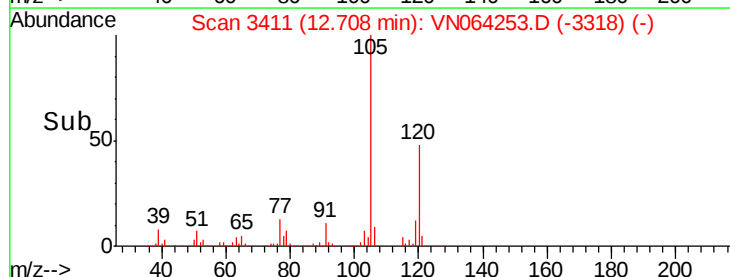
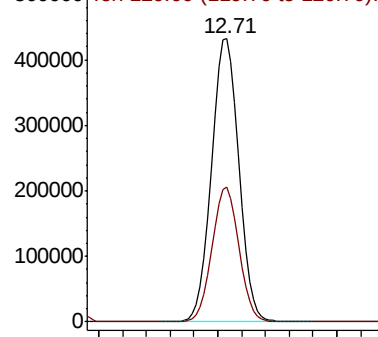


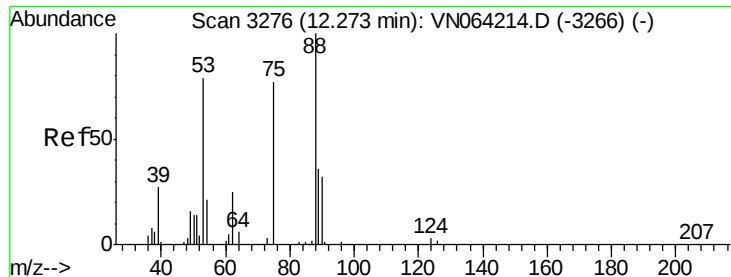
#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.823 ug/l  
 RT: 12.71 min Scan# 3411  
 Delta R.T. 0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Tgt Ion: 105 Resp: 686969  
 Ion Ratio Lower Upper  
 105 100  
 120 46.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064214.D (-3394) (-)  
 Ion 120.00 (119.70 to 120.70): VN064214.D (-3394) (-)

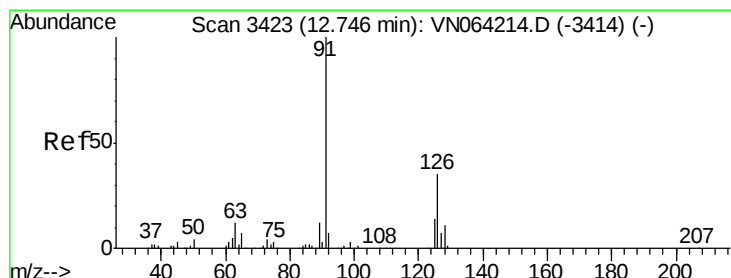
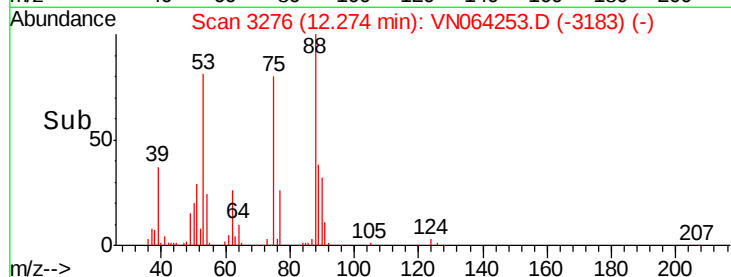
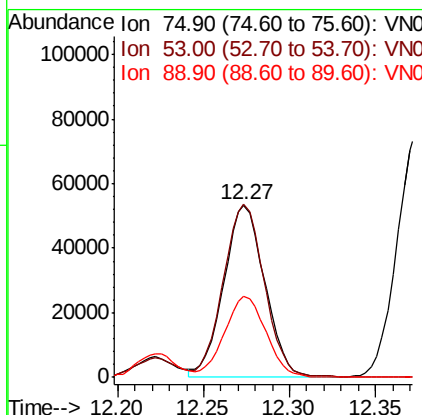
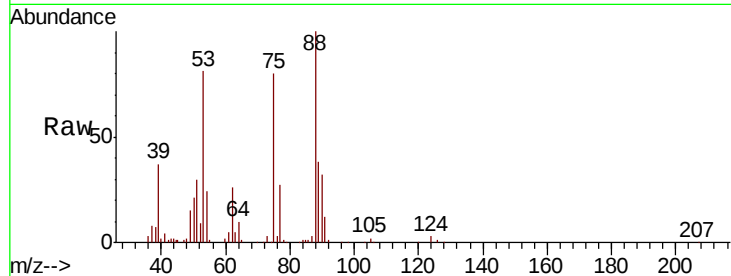




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.498 ug/l  
RT: 12.27 min Scan# 3276  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

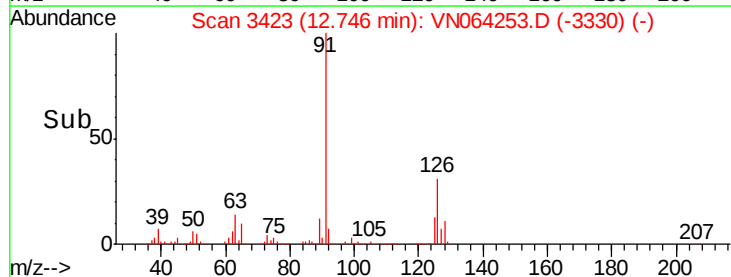
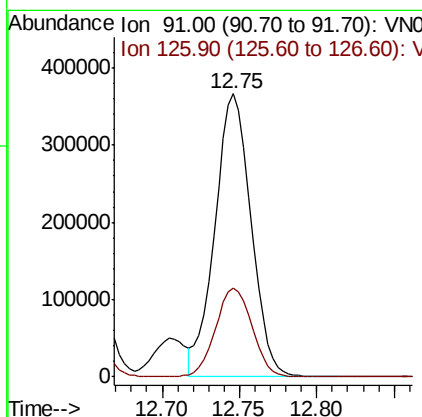
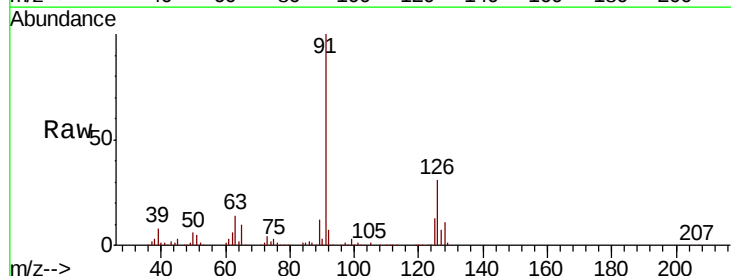
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

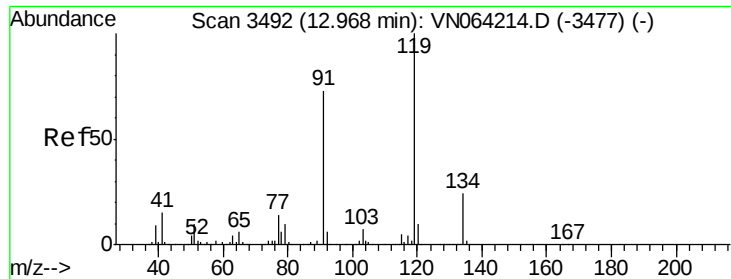
Tot Ion: 75 Resp: 88384  
Ion Ratio Lower Upper  
75 100  
53 101.9 81.0 121.4  
89 47.5 38.7 58.1



#82  
4-Chlorotoluene  
Concen: 50.344 ug/l  
RT: 12.75 min Scan# 3423  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion: 91 Resp: 593147  
Ion Ratio Lower Upper  
91 100  
126 31.8 15.8 47.3

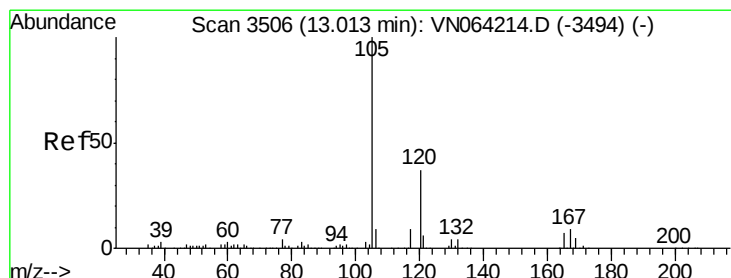
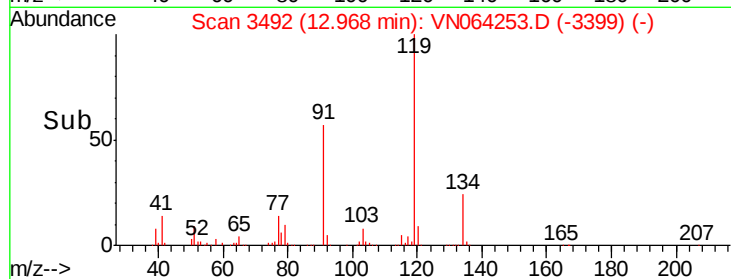
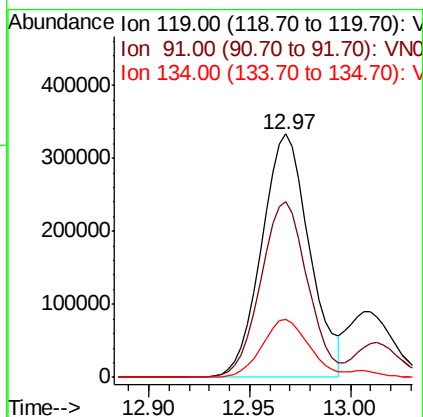
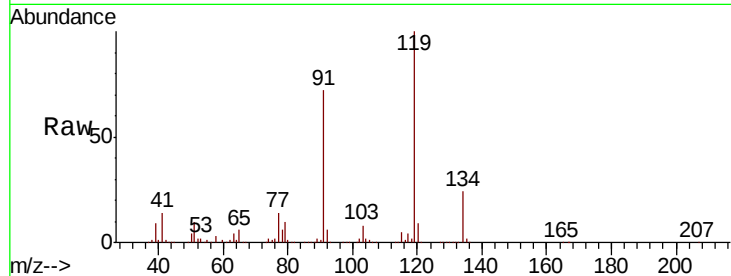




#83  
tert-Butylbenzene  
Concen: 48.710 ug/l  
RT: 12.97 min Scan# 3492  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

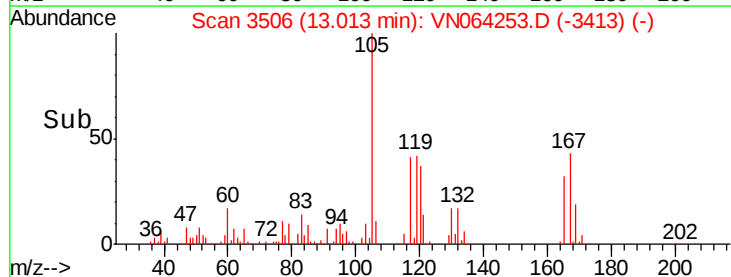
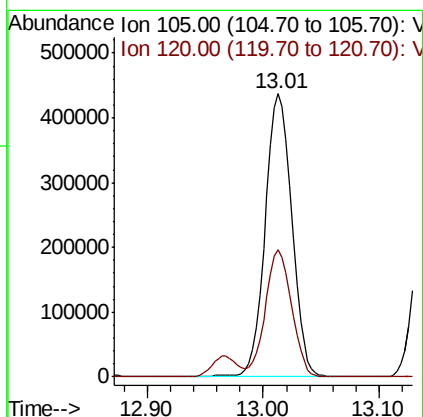
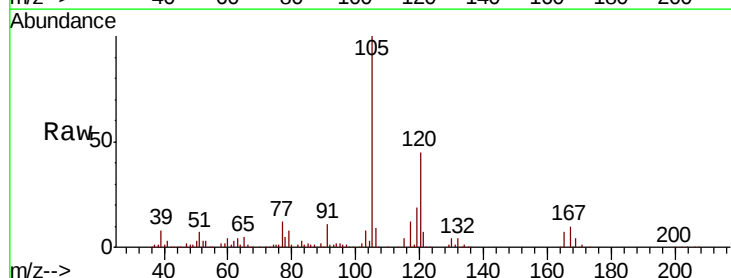
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

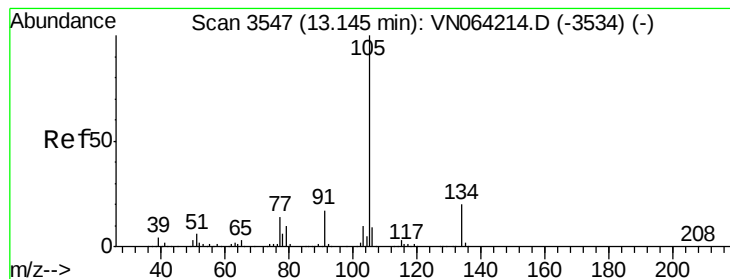
Tot Ion:119 Resp: 550647  
Ion Ratio Lower Upper  
119 100  
91 70.4 35.1 105.3  
134 23.5 11.6 34.8



#84  
1,2,4-Trimethylbenzene  
Concen: 50.834 ug/l  
RT: 13.01 min Scan# 3506  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion:105 Resp: 697612  
Ion Ratio Lower Upper  
105 100  
120 44.1 21.5 64.5





#85

sec-Butylbenzene

Concen: 50.681 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

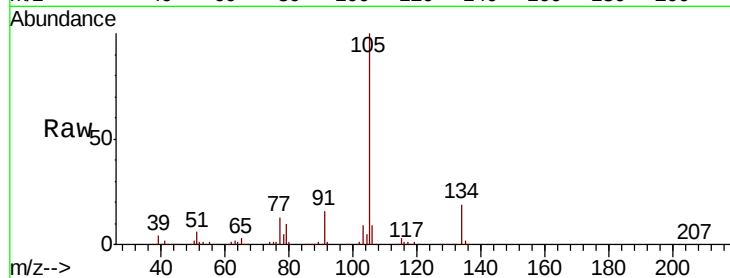
VSTDCCC050

Tot Ion:105 Resp: 722292

Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

400000

300000

200000

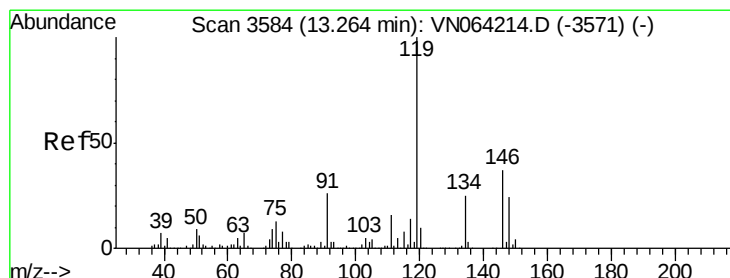
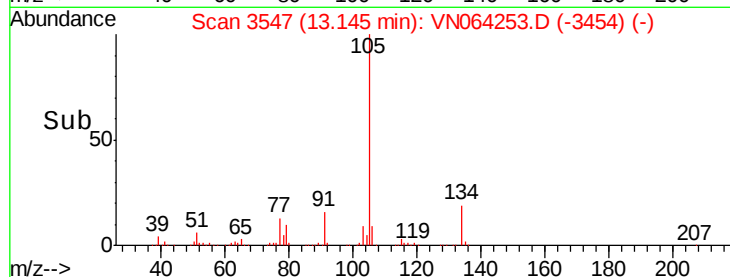
100000

0

Time-->

13.10

13.20



#86

p-Isopropyltoluene

Concen: 51.531 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

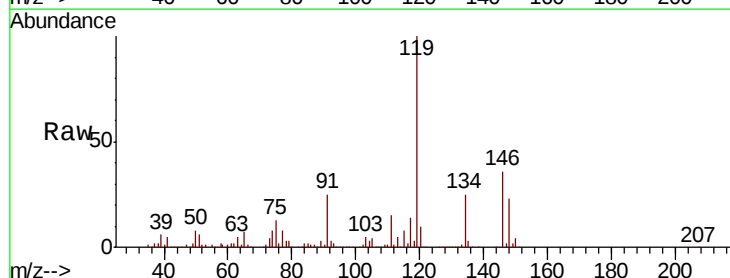
Tgt Ion:119 Resp: 668767

Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 26.2 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

600000

500000

400000

300000

200000

100000

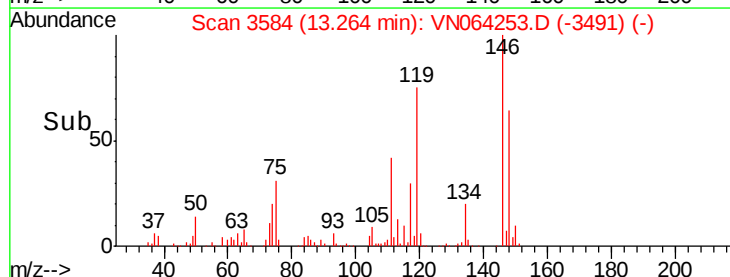
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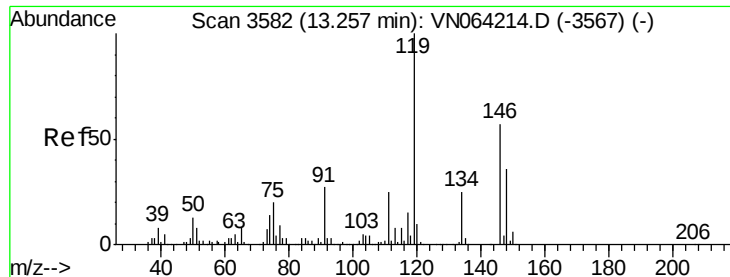
Time-->

13.20

13.25

13.30

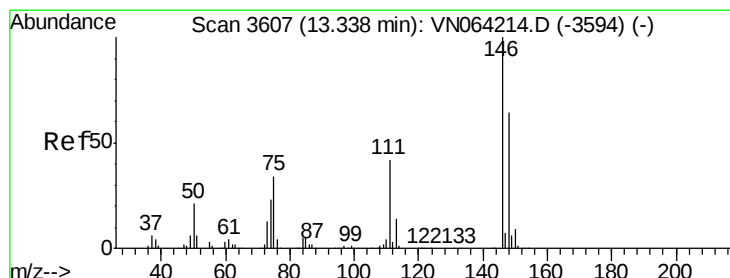
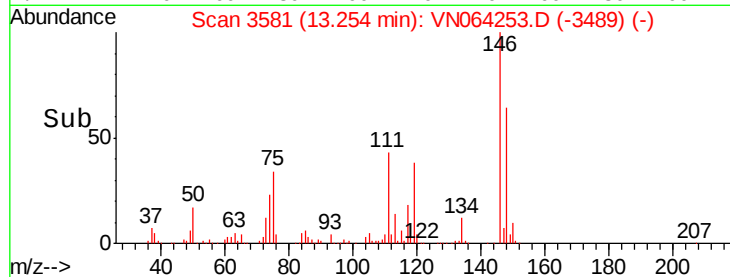
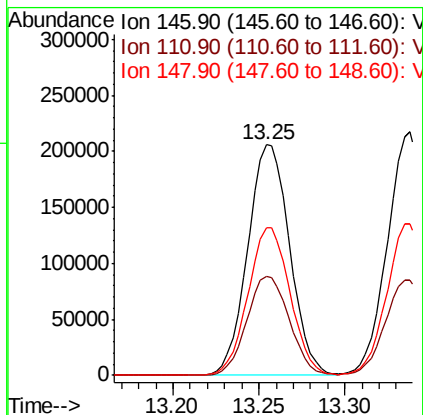
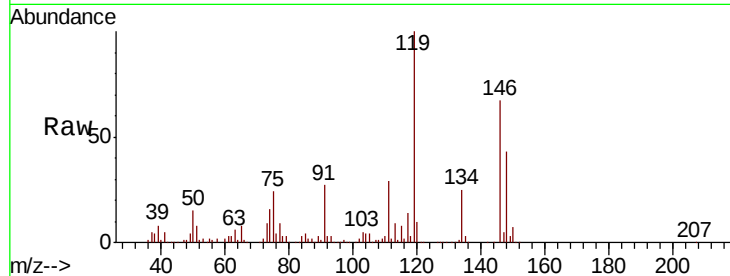




#87  
 1,3-Dichlorobenzene  
 Concen: 50.792 ug/l  
 RT: 13.25 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

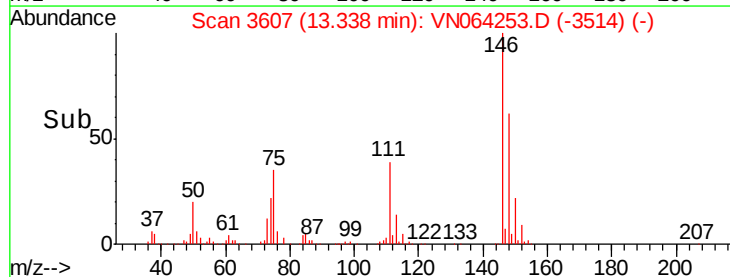
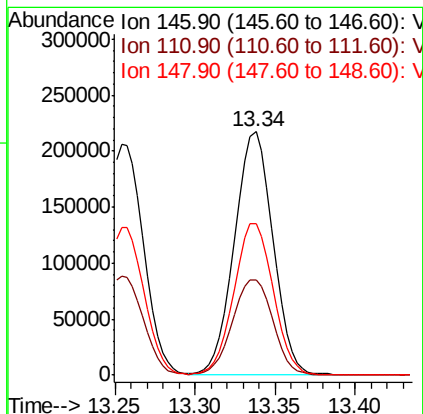
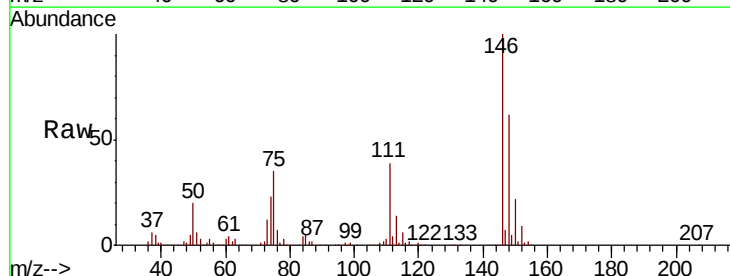
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

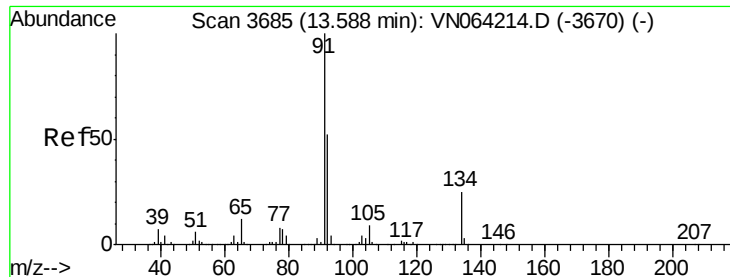
Tot Ion:146 Resp: 347978  
 Ion Ratio Lower Upper  
 146 100  
 111 43.6 21.6 65.0  
 148 64.3 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 50.703 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. 0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Tgt Ion:146 Resp: 355546  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 21.5 64.5  
 148 63.6 32.0 96.0

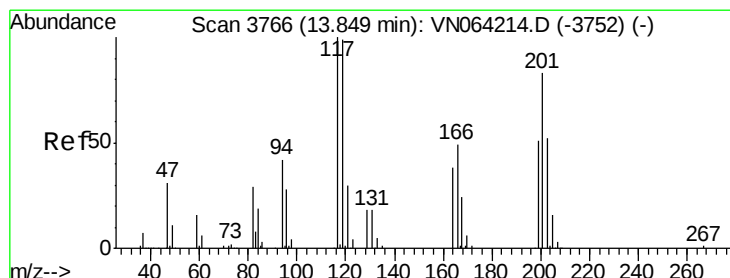
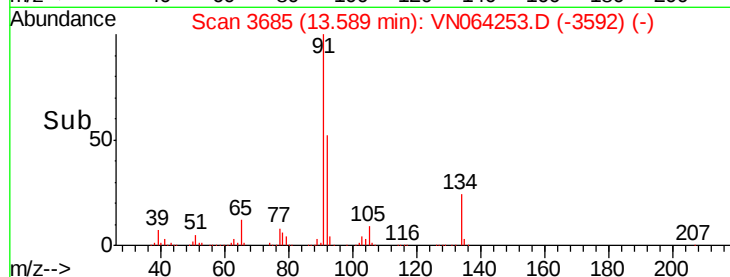
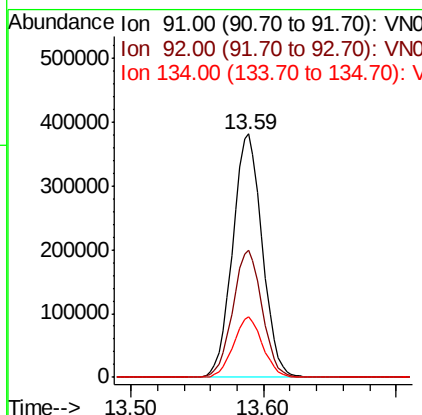
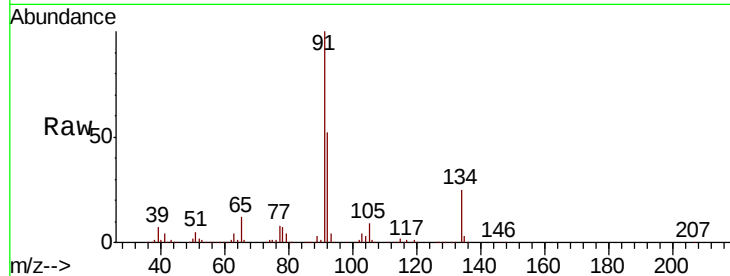




#89  
n-Butylbenzene  
Concen: 50.698 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

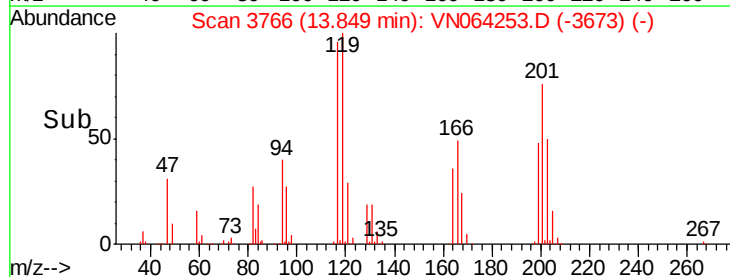
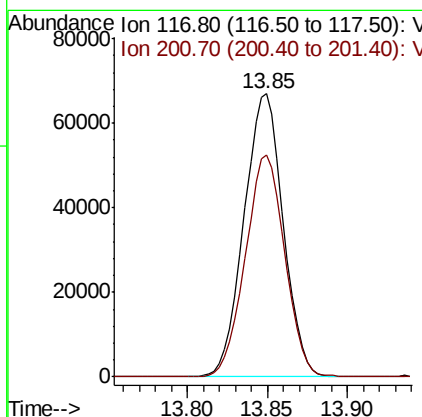
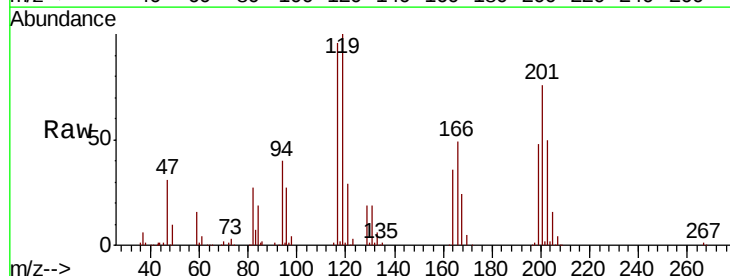
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

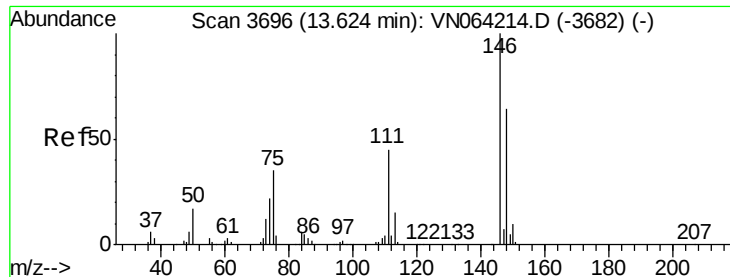
Tot Ion: 91 Resp: 589805  
Ion Ratio Lower Upper  
91 100  
92 52.0 25.7 77.0  
134 24.5 12.3 36.8



#90  
Hexachloroethane  
Concen: 47.720 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. 0.00 min  
Lab File: VN064253.D  
Acq: 22 Oct 2020 16:21

Tgt Ion: 117 Resp: 112162  
Ion Ratio Lower Upper  
117 100  
201 79.1 40.1 120.3





#91

1,2-Dichlorobenzene

Concen: 50.318 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

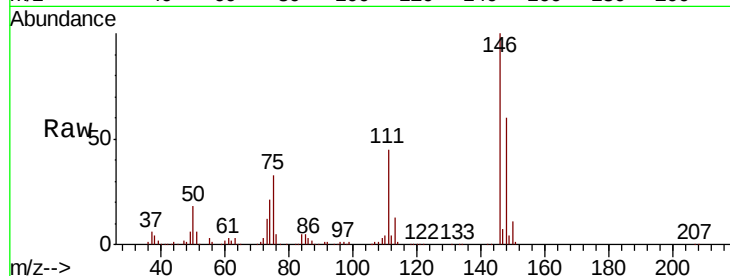
Tot Ion:146 Resp: 338195

Ion Ratio Lower Upper

146 100

111 45.8 22.9 68.7

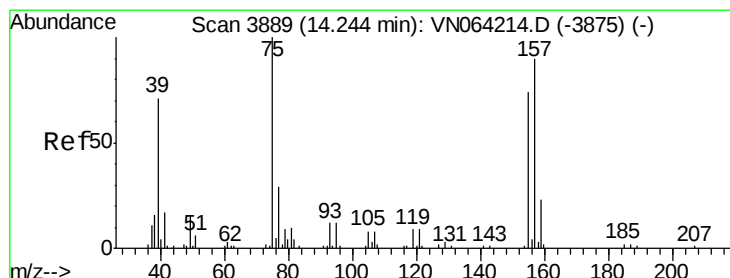
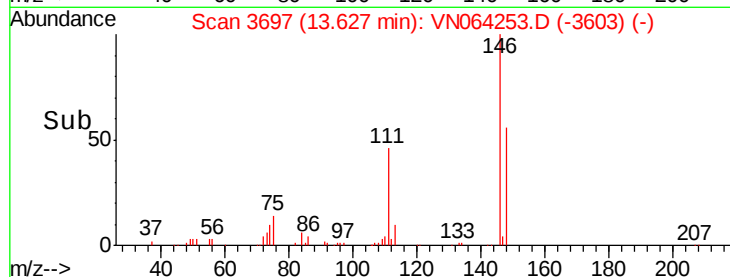
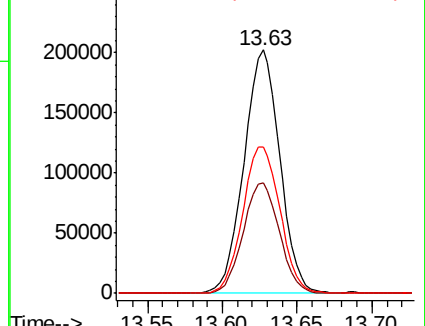
148 62.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.242 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

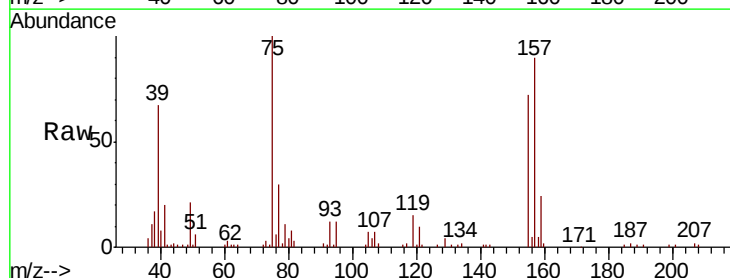
Tgt Ion: 75 Resp: 52089

Ion Ratio Lower Upper

75 100

155 71.4 36.9 110.7

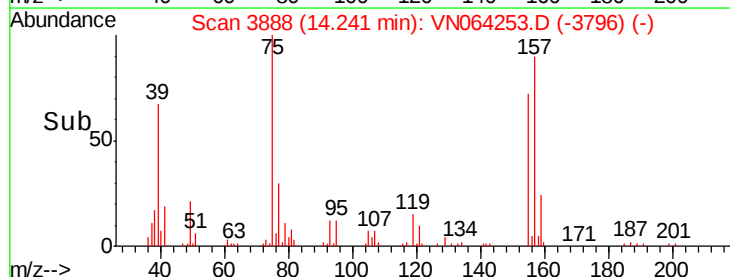
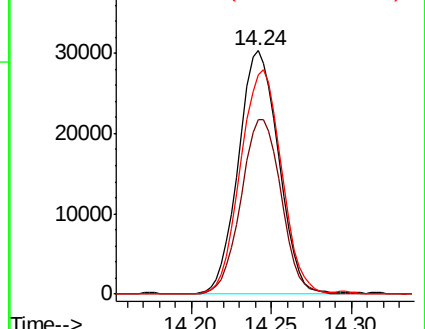
157 93.8 44.6 133.8

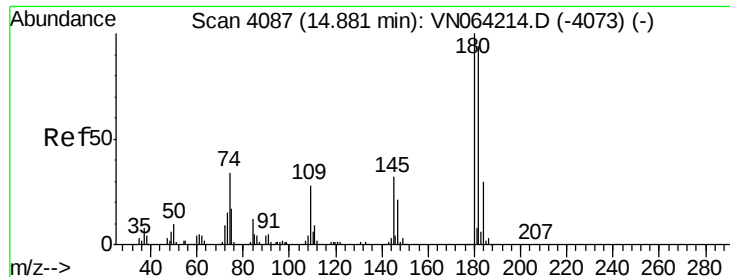


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

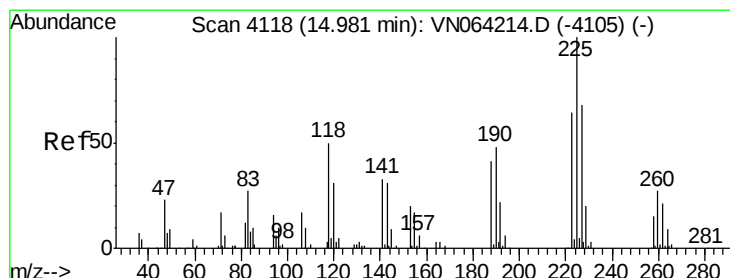
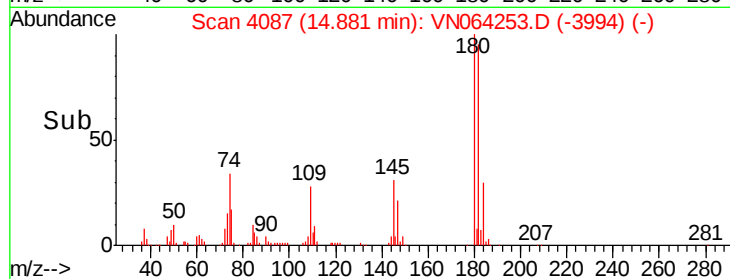
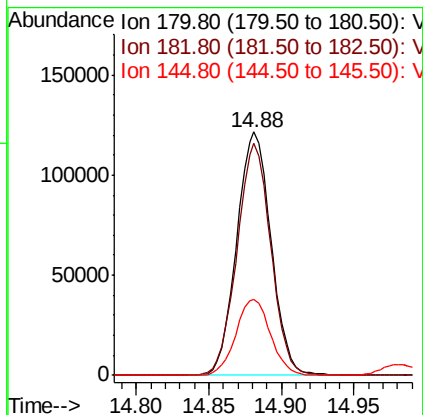
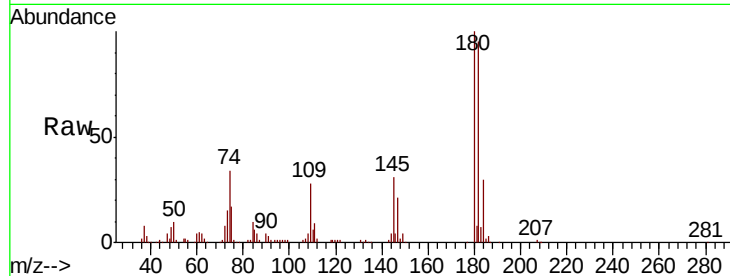




#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.132 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

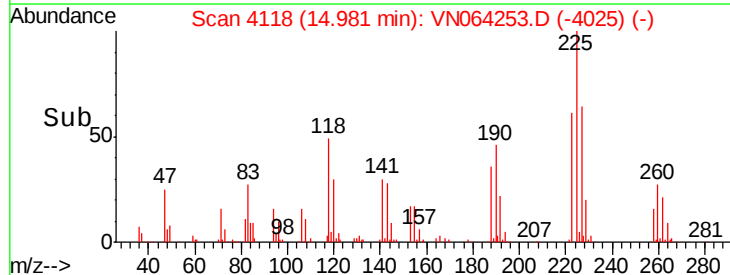
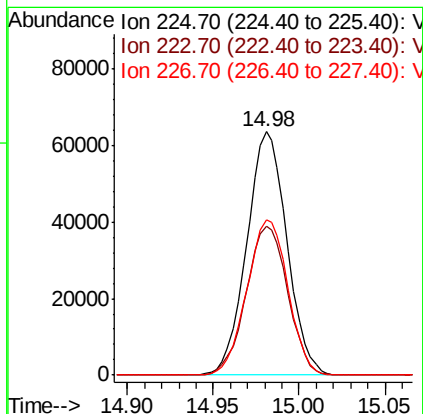
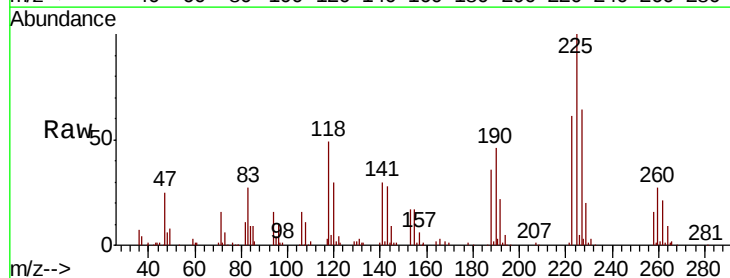
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

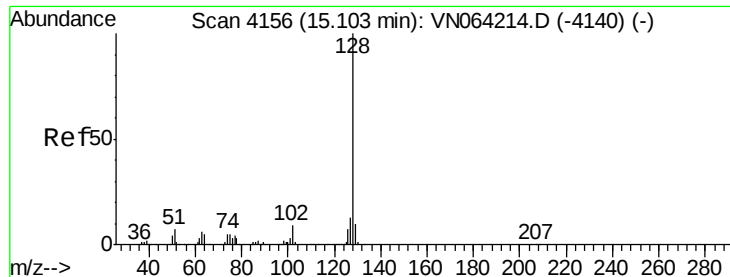
Tot Ion:180 Resp: 200288  
 Ion Ratio Lower Upper  
 180 100  
 182 93.7 46.9 140.7  
 145 31.5 16.1 48.3



#94  
 Hexachlorobutadiene  
 Concen: 50.609 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. 0.00 min  
 Lab File: VN064253.D  
 Acq: 22 Oct 2020 16:21

Tgt Ion:225 Resp: 102897  
 Ion Ratio Lower Upper  
 225 100  
 223 63.3 31.5 94.5  
 227 65.2 32.1 96.5





#95

Naphthalene

Concen: 51.234 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

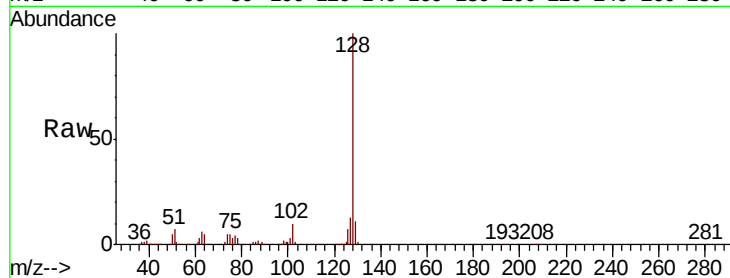
Tot Ion:128 Resp: 578374

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

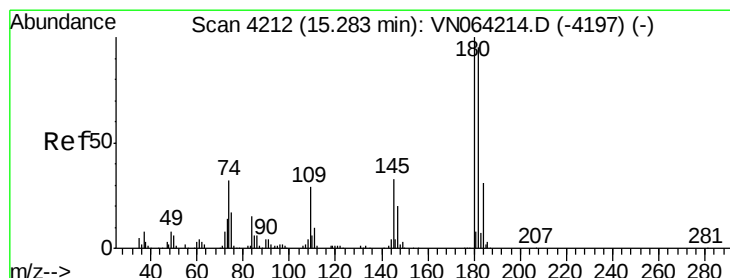
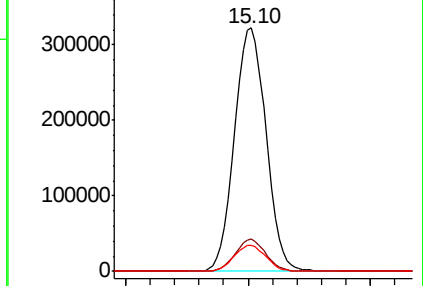
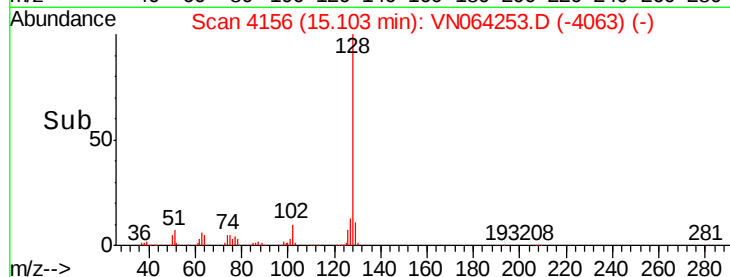
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.786 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

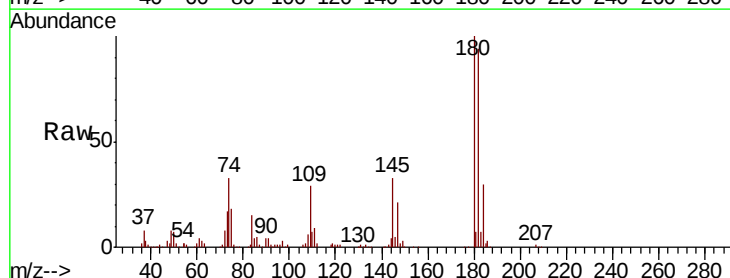
Tgt Ion:180 Resp: 185882

Ion Ratio Lower Upper

180 100

182 96.8 48.0 144.2

145 33.3 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

