

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\  
 Data File : VN064342.D  
 Acq On : 28 Oct 2020 10:24  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Oct 29 02:39:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 27 12:23:17 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 256613   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 418405   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 386545   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 190617   | 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   | 197632   | 47.93 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.86% |          |
| 35) Dibromofluoromethane    | 7.54  | 113  | 136439   | 48.90 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.80% |          |
| 50) Toluene-d8              | 10.06 | 98   | 497647   | 48.22 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.44% |          |
| 62) 4-Bromofluorobenzene    | 12.37 | 95   | 196224   | 48.76 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.52% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 139129   | 47.166  | ug/l  | 100    |
| 3) Chloromethane              | 2.04 | 50   | 148912   | 46.700  | ug/l  | 100    |
| 4) Vinyl Chloride             | 2.16 | 62   | 147901   | 47.953  | ug/l  | 96     |
| 5) Bromomethane               | 2.52 | 94   | 91900    | 46.113  | ug/l  | 97     |
| 6) Chloroethane               | 2.67 | 64   | 85913    | 46.617  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 2.98 | 101  | 249842   | 48.354  | ug/l  | 99     |
| 8) Diethyl Ether              | 3.37 | 74   | 81113    | 49.625  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101  | 127887   | 49.245  | ug/l  | 97     |
| 10) Methyl Iodide             | 3.90 | 142  | 148182   | 42.759  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 4.72 | 59   | 142444   | 237.952 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 3.69 | 96   | 117634   | 47.982  | ug/l  | 93     |
| 13) Acrolein                  | 3.57 | 56   | 28542    | 221.854 | ug/l  | 87     |
| 14) Allyl chloride            | 4.27 | 41   | 244894   | 48.920  | ug/l  | 96     |
| 15) Acrylonitrile             | 4.93 | 53   | 323953   | 251.647 | ug/l  | 100    |
| 16) Acetone                   | 3.77 | 43   | 388905   | 277.432 | ug/l  | 98     |
| 17) Carbon Disulfide          | 4.01 | 76   | 333884   | 46.030  | ug/l  | 98     |
| 18) Methyl Acetate            | 4.27 | 43   | 146679   | 47.350  | ug/l  | 96     |
| 19) Methyl tert-butyl Ether   | 4.98 | 73   | 473313   | 50.247  | ug/l  | 100    |
| 20) Methylene Chloride        | 4.50 | 84   | 136187   | 46.567  | ug/l  | 96     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96   | 131709   | 48.158  | ug/l  | 94     |
| 22) Diisopropyl ether         | 5.90 | 45   | 493614   | 50.447  | ug/l  | 98     |
| 23) Vinyl Acetate             | 5.84 | 43   | 2168803  | 261.993 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.79 | 63   | 261686   | 47.795  | ug/l  | 98     |
| 25) 2-Butanone                | 6.78 | 43   | 532112   | 256.992 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 6.77 | 77   | 257137   | 47.986  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.77 | 96   | 152941   | 48.864  | ug/l  | 97     |
| 28) Bromochloromethane        | 7.14 | 49   | 127876   | 49.020  | ug/l  | 97     |
| 29) Tetrahydrofuran           | 7.16 | 42   | 323235   | 240.470 | ug/l  | 99     |
| 30) Chloroform                | 7.32 | 83   | 282291   | 48.303  | ug/l  | 98     |
| 31) Cyclohexane               | 7.61 | 56   | 222664   | 46.524  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 7.52 | 97   | 263135   | 46.888  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75   | 208004   | 49.259  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.87 | 43   | 193238   | 45.304  | ug/l  | 96     |
| 38) Carbon Tetrachloride      | 7.73 | 117  | 240330   | 49.092  | ug/l  | 96     |

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 VSTDCCC050

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 Quant Title : SW846 8260  
 QLast Update : Tue Oct 27 12:23:17 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 206480   | 49.315   | ug/l   | 99       |
| 40) Benzene                    | 8.00  | 78   | 567698   | 48.299   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.12  | 41   | 97152    | 45.885   | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 252709   | 49.772   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.12  | 43   | 359365   | 49.287   | ug/l # | 92       |
| 44) Trichloroethene            | 8.80  | 130  | 157470   | 51.142   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 154360   | 49.042   | ug/l   | 93       |
| 46) Dibromomethane             | 9.17  | 93   | 109765   | 49.849   | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 233713   | 47.893   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.16  | 41   | 187327   | 49.797   | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 59621    | 1075.286 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 1050596  | 247.883  | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 368949   | 49.744   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 267873   | 51.916   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.80  | 75   | 270759   | 50.977   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 147963   | 50.538   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 229876   | 51.868   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 251322   | 50.323   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 589024   | 243.555  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.72 | 43   | 801479   | 256.762  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 179699   | 51.912   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.97 | 107  | 154833   | 51.903   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 149982   | 47.209   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.41 | 112  | 396973   | 50.656   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 155820   | 49.195   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 730142   | 50.115   | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.59 | 106  | 539682   | 99.955   | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 262364   | 50.438   | ug/l   | 95       |
| 70) Styrene                    | 11.94 | 104  | 441440   | 51.759   | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 124382   | 50.034   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 693674   | 48.588   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.04 | 43   | 318446   | 50.676   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 200993   | 48.434   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 298674   | 65.430   | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 168732   | 48.265   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.56 | 91   | 809545   | 50.086   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 493907   | 47.802   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 591651   | 48.977   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 78159    | 49.321   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 522996   | 49.687   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 483920   | 48.818   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 604567   | 50.086   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.14 | 105  | 622709   | 48.544   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 571127   | 49.420   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.25 | 146  | 305087   | 49.850   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.33 | 146  | 299611   | 48.065   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 498702   | 48.984   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 105732   | 48.716   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 292922   | 48.142   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 49951    | 48.510   | ug/l   | 97       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
VSTDCCC050

Quant Time: Oct 29 02:39:32 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102720W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 27 12:23:17 2020  
Response via : Initial Calibration

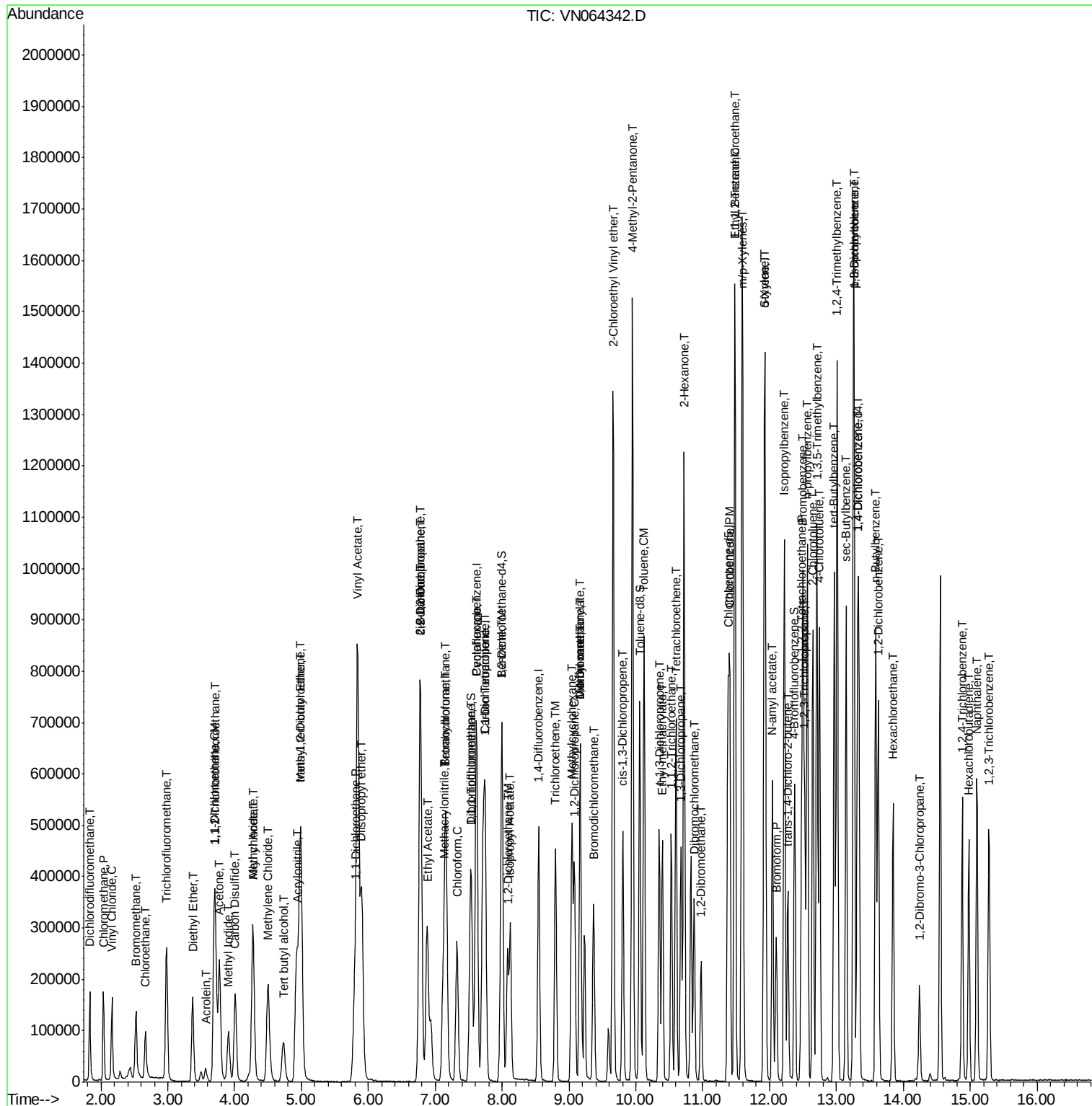
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 162617   | 46.643 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 88216    | 47.245 | ug/l  | 98       |
| 95) Naphthalene            | 15.10 | 128  | 476844   | 44.526 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 158631   | 47.189 | ug/l  | 98       |

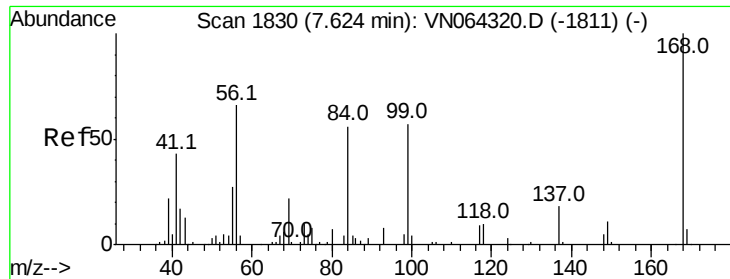
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

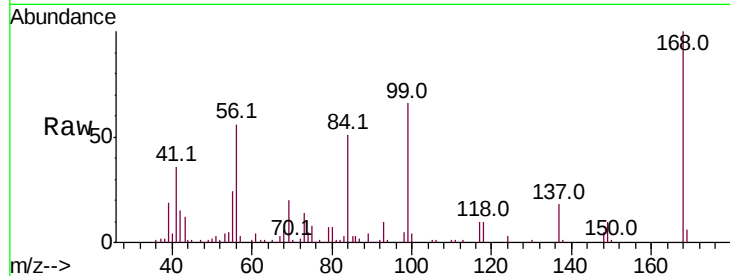
VSTDCCC050

Tot Ion:168 Resp: 256613

Ion Ratio Lower Upper

168 100

99 65.8 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

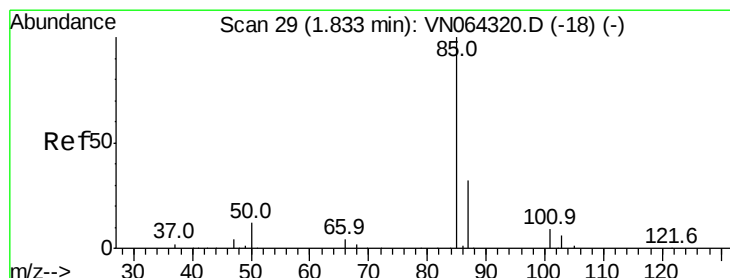
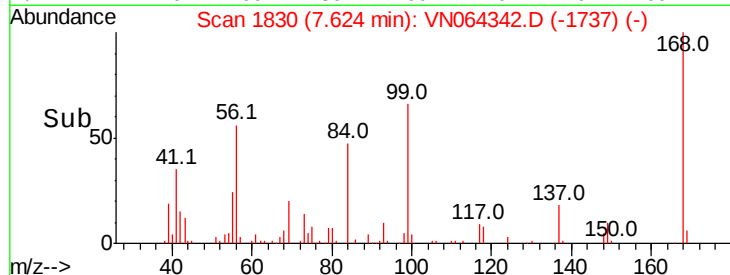
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 47.166 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064342.D

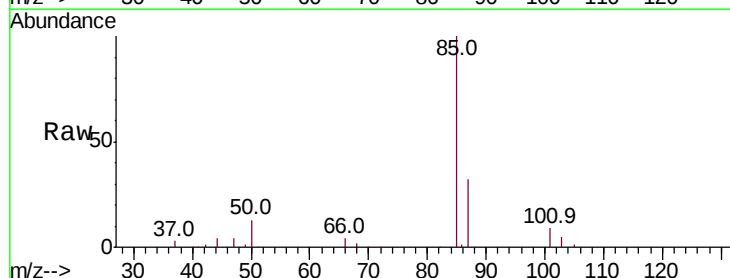
Acq: 28 Oct 2020 10:24

Tgt Ion: 85 Resp: 139129

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

100000

80000

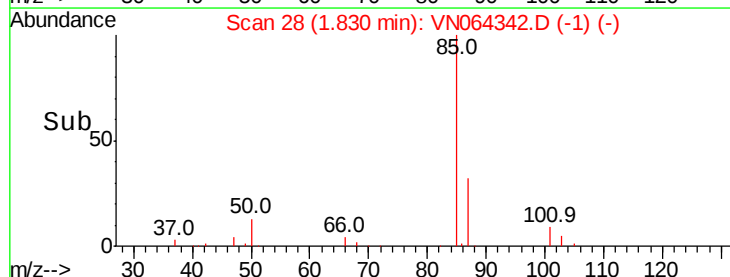
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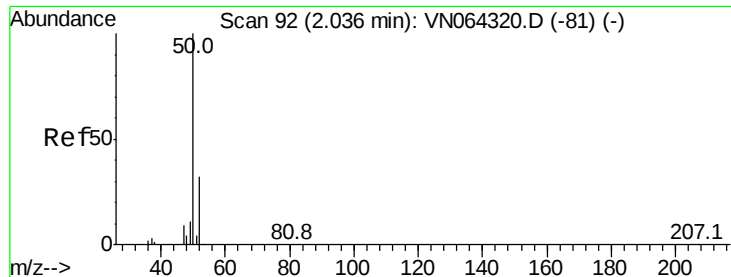
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20000

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Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 46.700 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

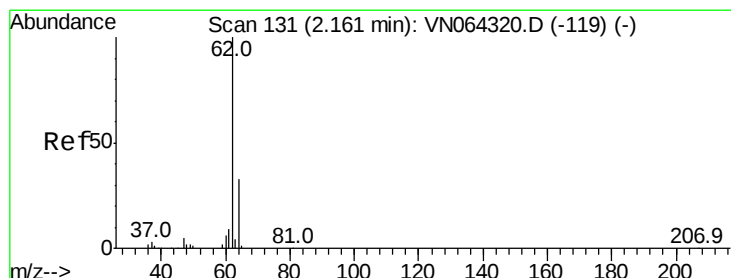
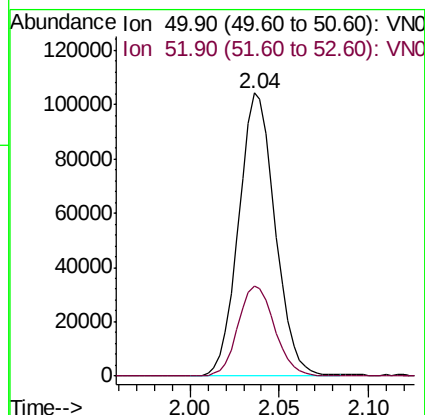
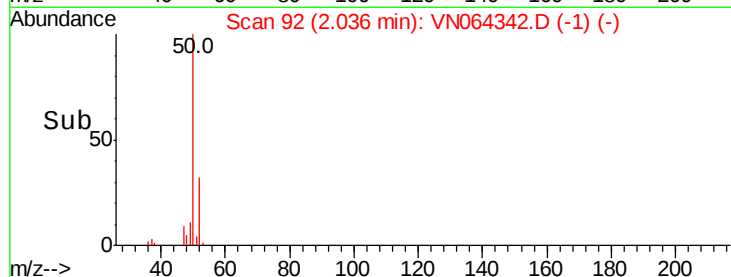
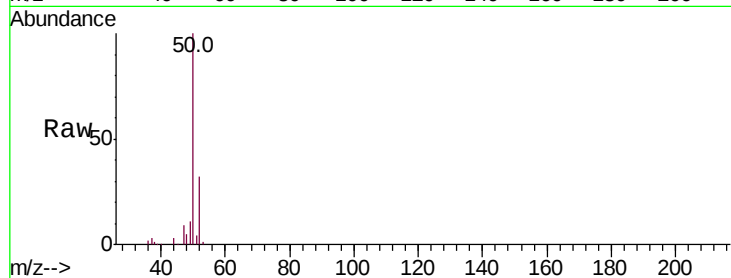
VSTDCCC050

Tot Ion: 50 Resp: 148912

Ion Ratio Lower Upper

50 100

52 31.8 25.6 38.4



#4

Vinyl Chloride

Concen: 47.953 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064342.D

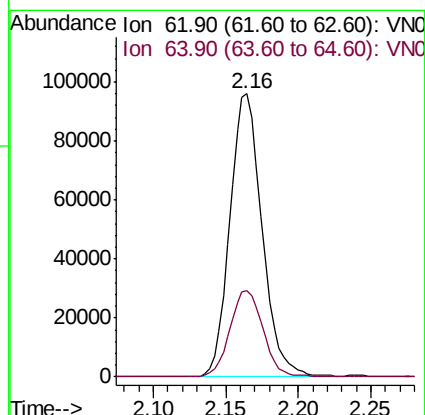
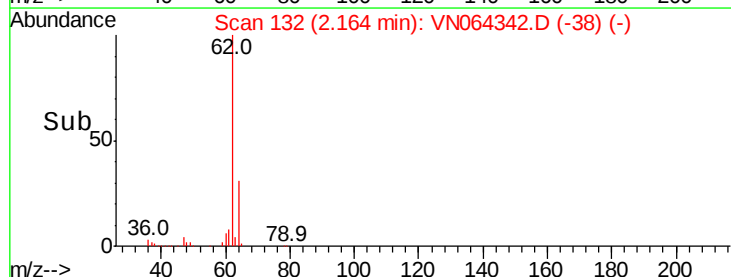
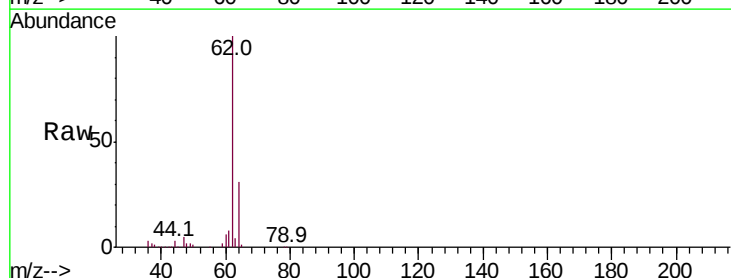
Acq: 28 Oct 2020 10:24

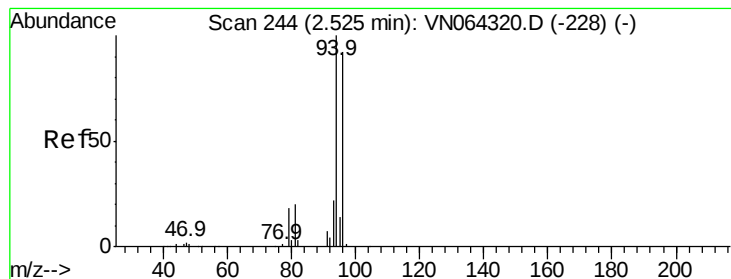
Tgt Ion: 62 Resp: 147901

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.4





#5

Bromomethane

Concen: 46.113 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

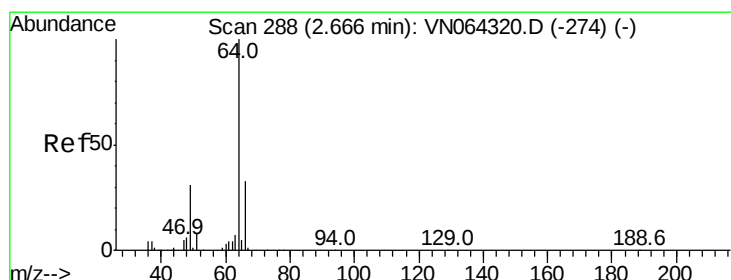
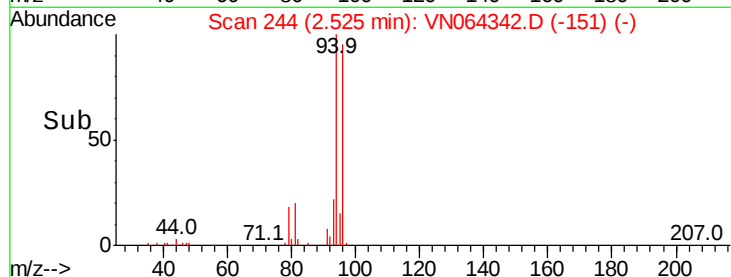
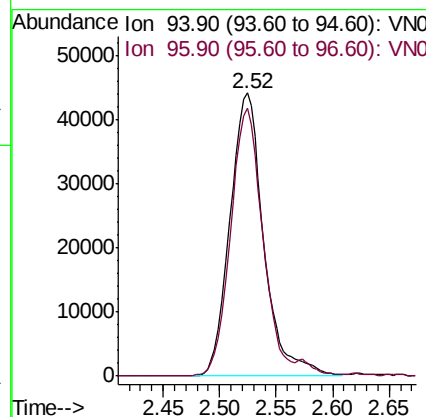
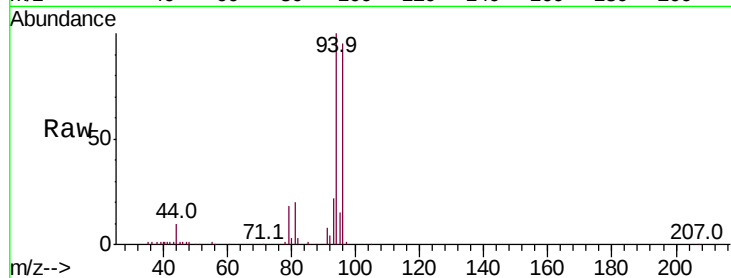
VSTDCCC050

Tot Ion: 94 Resp: 91900

Ion Ratio Lower Upper

94 100

96 94.9 73.6 110.4



#6

Chloroethane

Concen: 46.617 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN064342.D

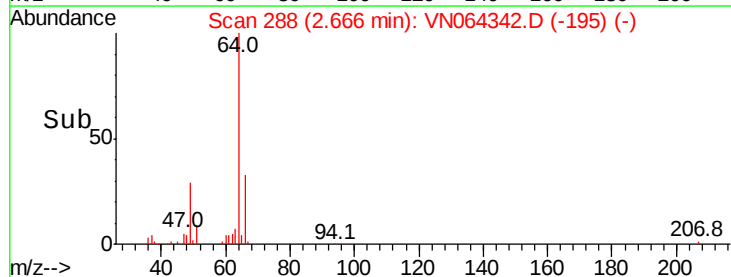
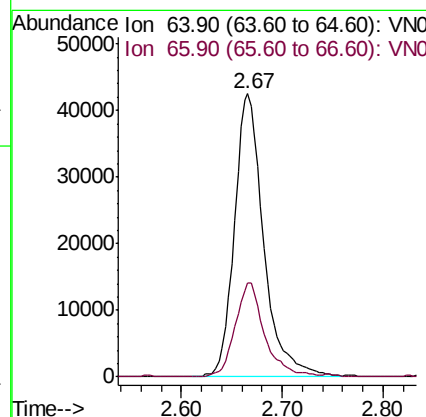
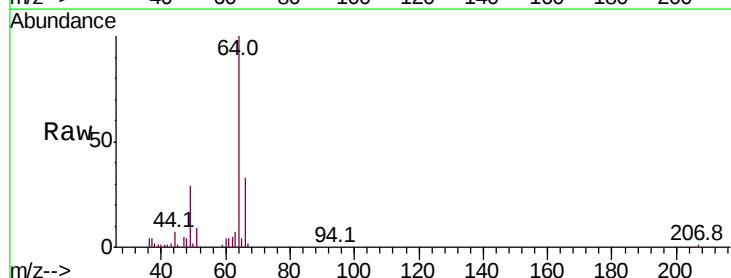
Acq: 28 Oct 2020 10:24

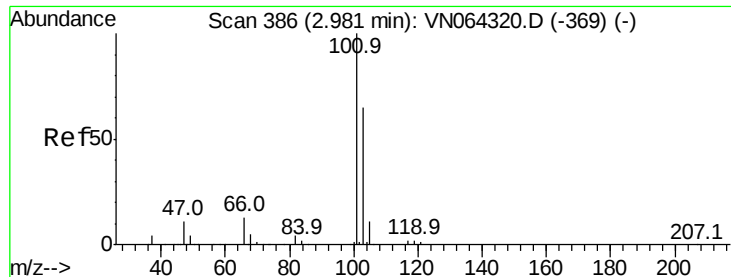
Tgt Ion: 64 Resp: 85913

Ion Ratio Lower Upper

64 100

66 33.1 26.5 39.7



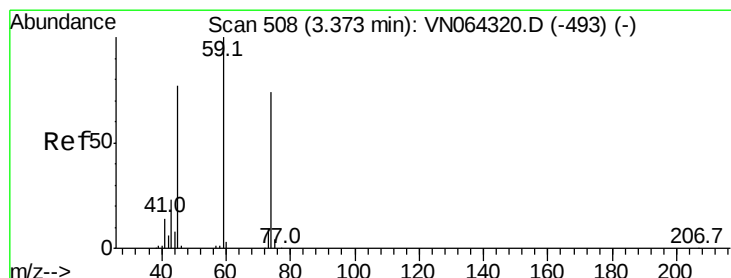
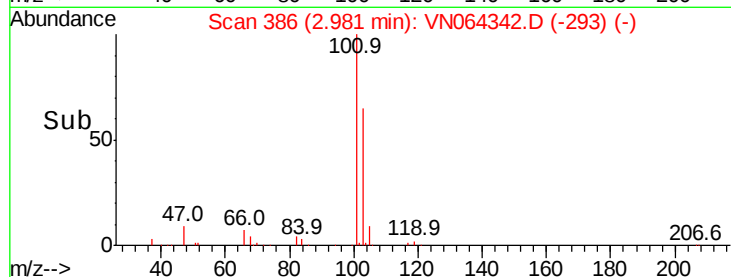
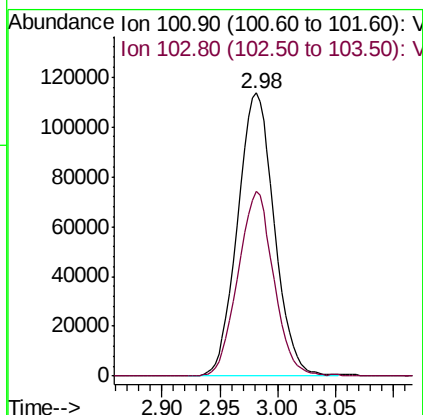
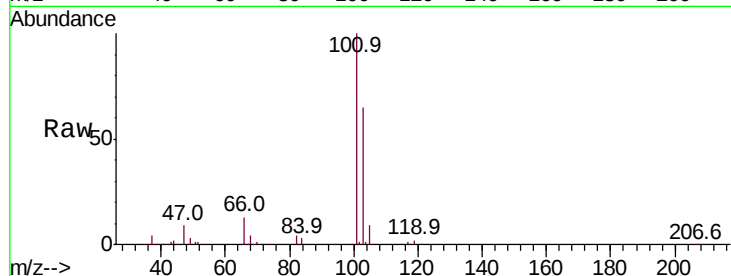


#7

Trichlorofluoromethane  
 Concen: 48.354 ug/l  
 RT: 2.98 min Scan# 386  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

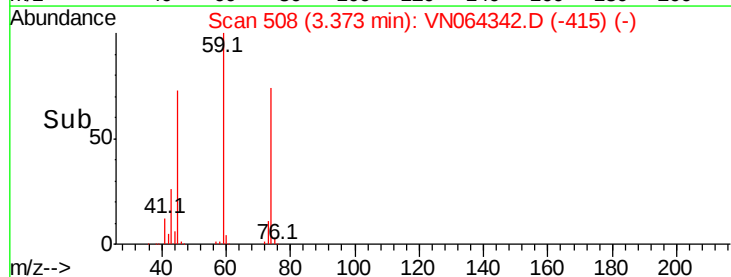
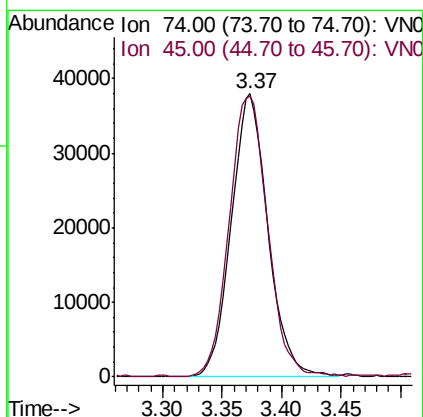
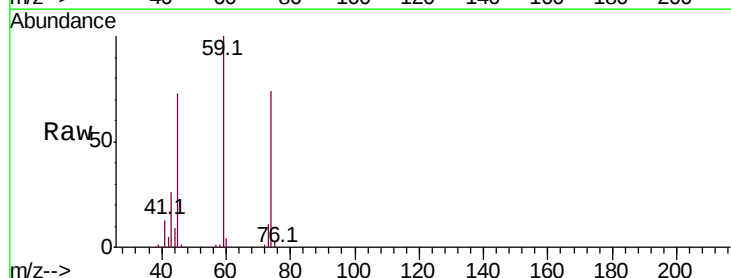
Tot Ion:101 Resp: 249842  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 51.7 77.5

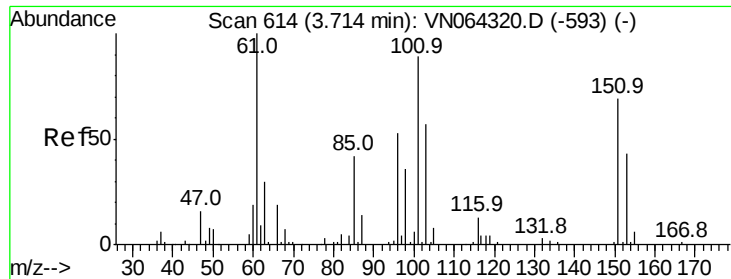


#8

Diethyl Ether  
 Concen: 49.625 ug/l  
 RT: 3.37 min Scan# 508  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

Tgt Ion: 74 Resp: 81113  
 Ion Ratio Lower Upper  
 74 100  
 45 104.1 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.245 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

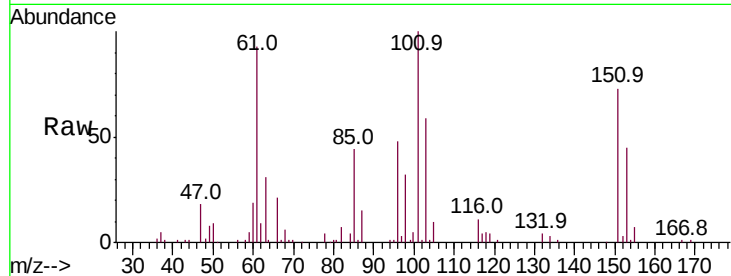
Tot Ion:101 Resp: 127887

Ion Ratio Lower Upper

101 100

85 48.4 38.4 57.6

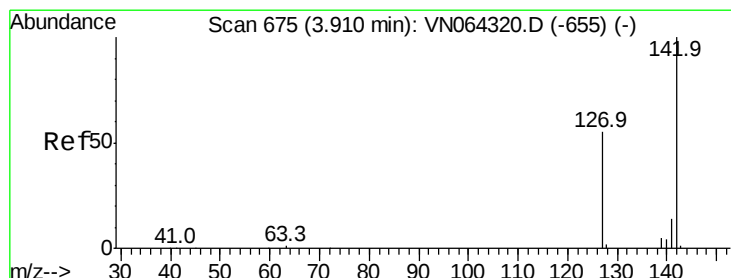
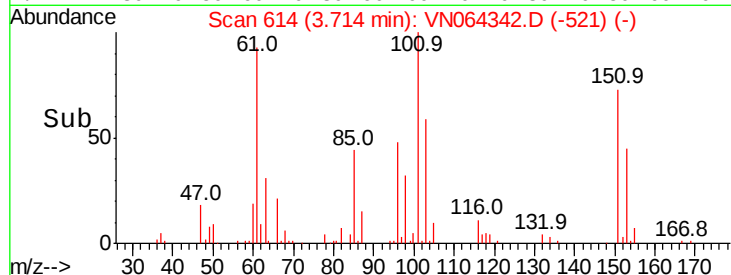
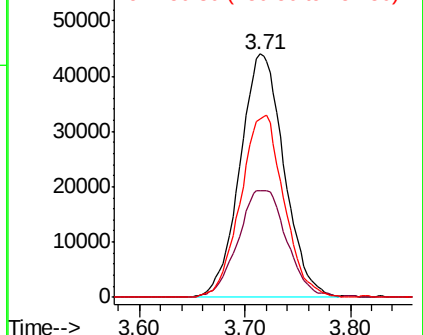
151 73.7 62.0 93.0



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: 42.759 ug/l

RT: 3.90 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

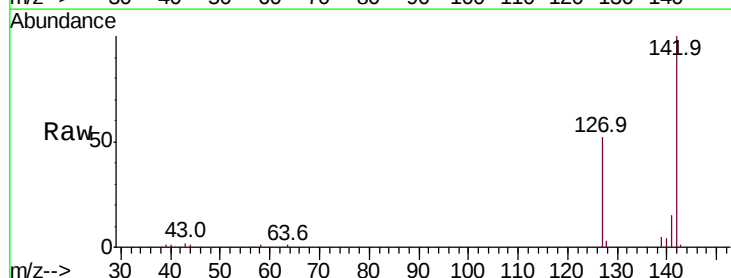
Tgt Ion:142 Resp: 148182

Ion Ratio Lower Upper

142 100

127 52.6 43.3 64.9

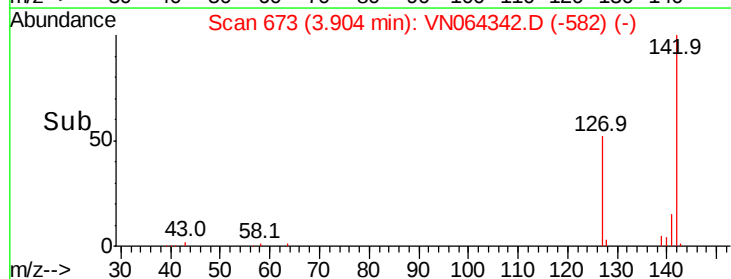
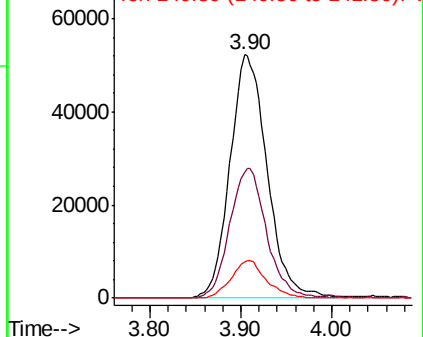
141 14.6 11.5 17.3

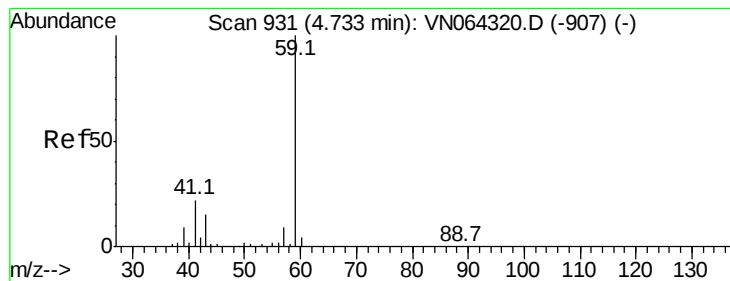


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



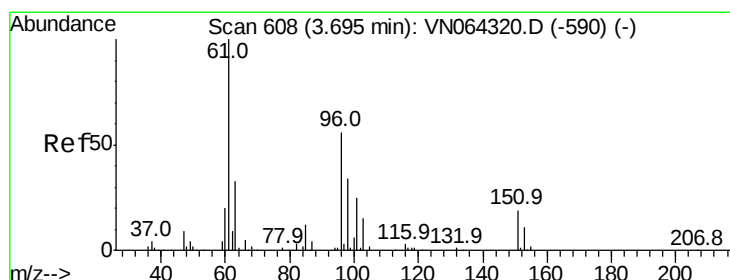
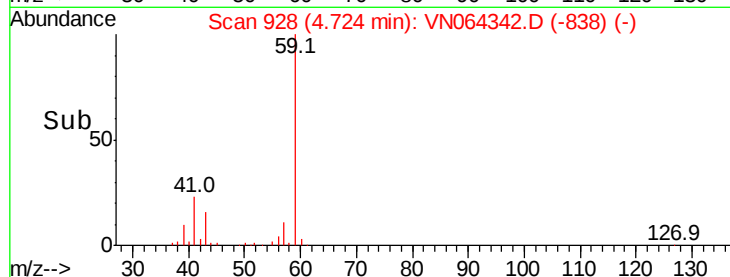
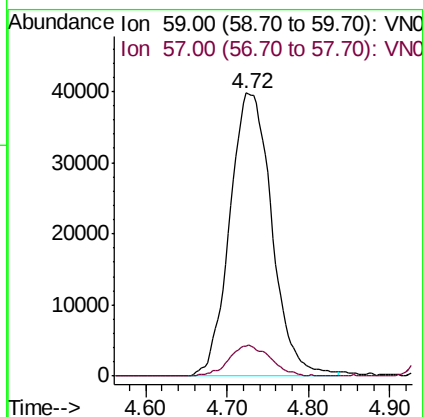
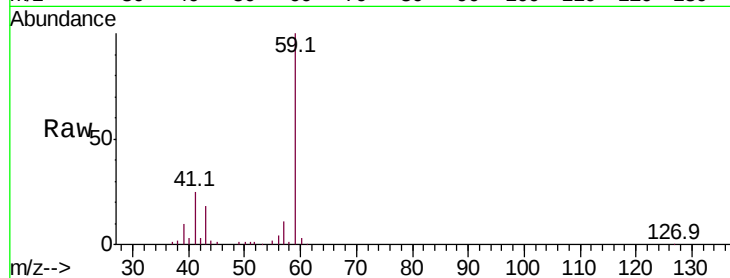


#11

Tert butyl alcohol  
 Concen: 237.952 ug/l  
 RT: 4.72 min Scan# 928  
 Delta R.T. -0.01 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

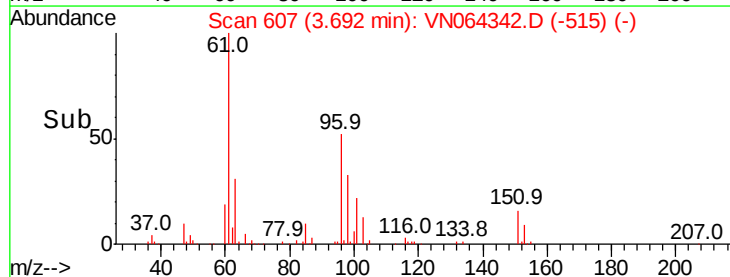
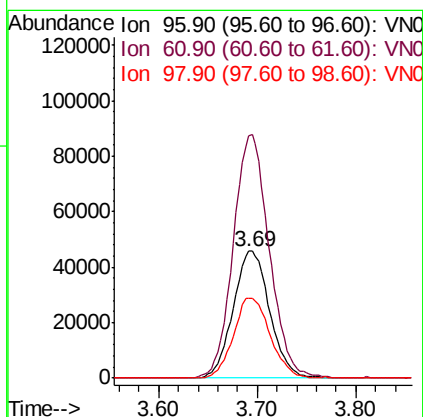
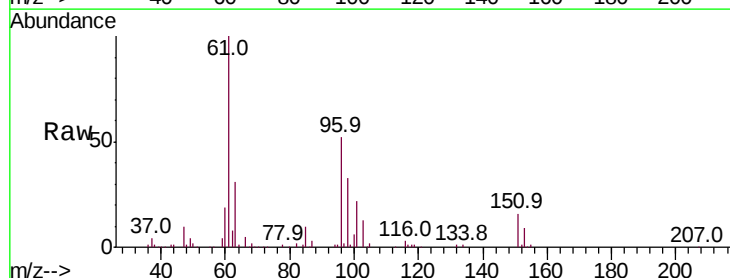
Tot Ion: 59 Resp: 142444  
 Ion Ratio Lower Upper  
 59 100  
 57 10.8 9.4 14.0

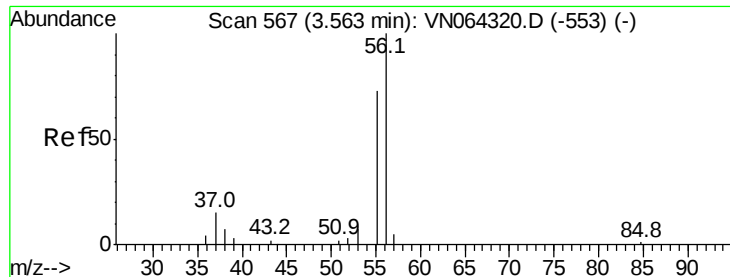


#12

1,1-Dichloroethene  
 Concen: 47.982 ug/l  
 RT: 3.69 min Scan# 607  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

Tgt Ion: 96 Resp: 117634  
 Ion Ratio Lower Upper  
 96 100  
 61 191.2 143.6 215.4  
 98 63.2 48.6 73.0





#13

Acrolein

Concen: 221.854 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

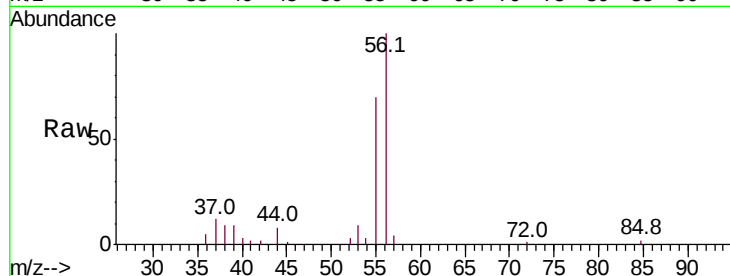
VSTDCCC050

Tot Ion: 56 Resp: 28542

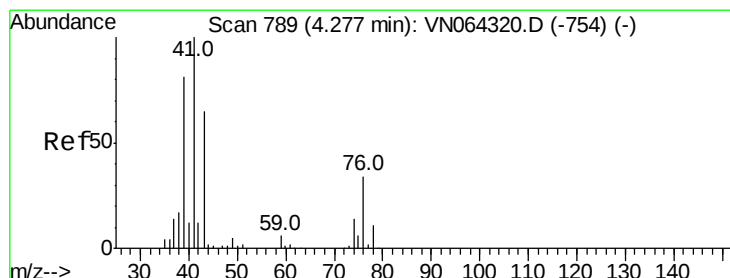
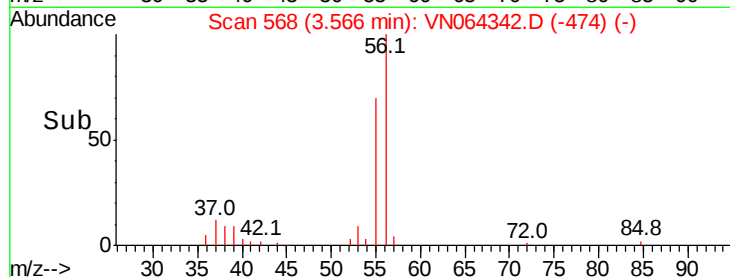
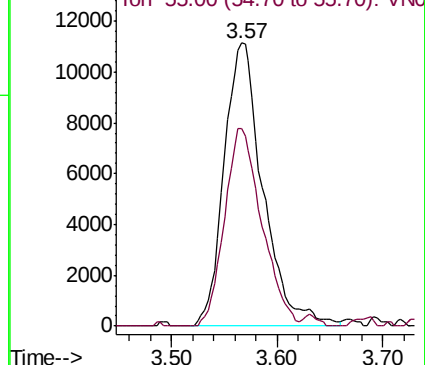
Ion Ratio Lower Upper

56 100

55 66.8 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 48.920 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

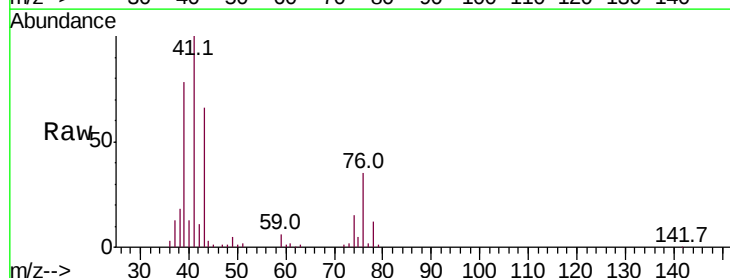
Tgt Ion: 41 Resp: 244894

Ion Ratio Lower Upper

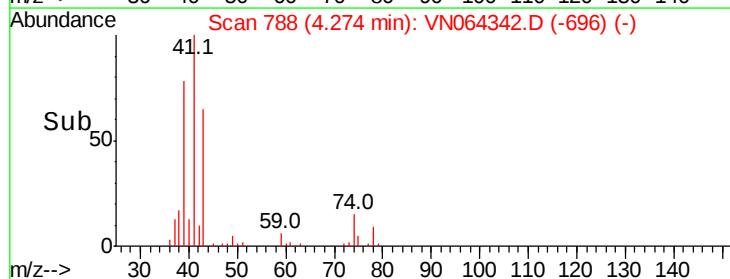
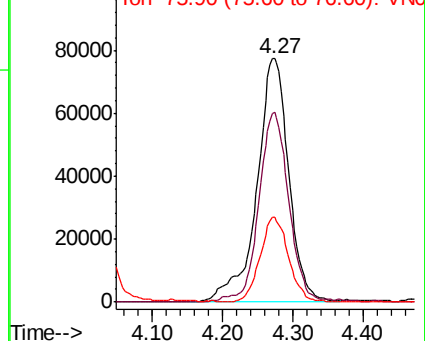
41 100

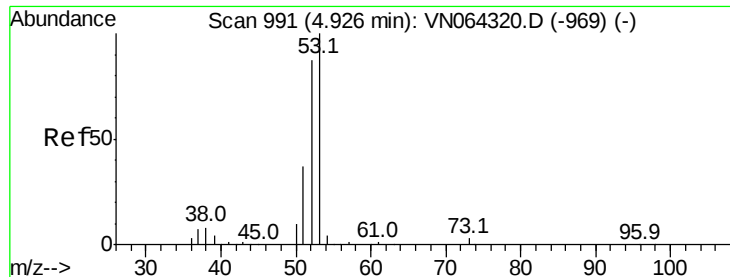
39 73.0 61.7 92.5

76 31.1 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 251.647 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

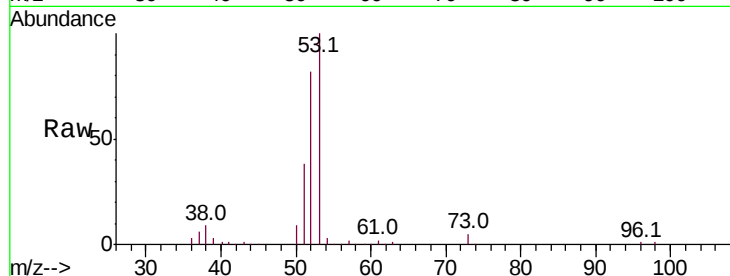
Tot Ion: 53 Resp: 323953

Ion Ratio Lower Upper

53 100

52 82.2 65.9 98.9

51 38.7 30.4 45.6

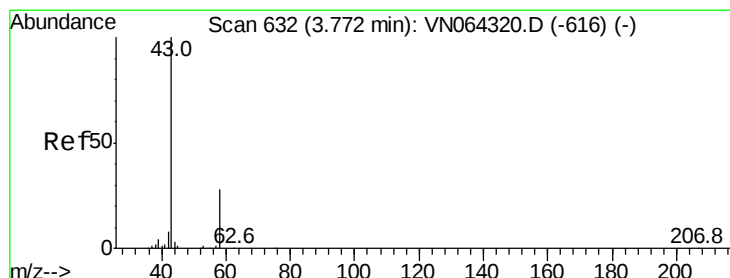
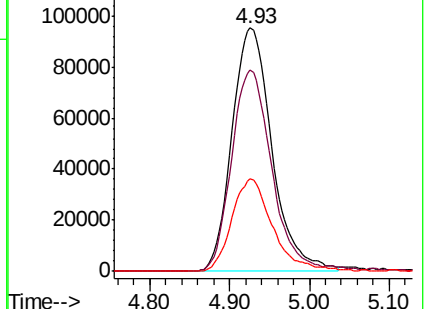
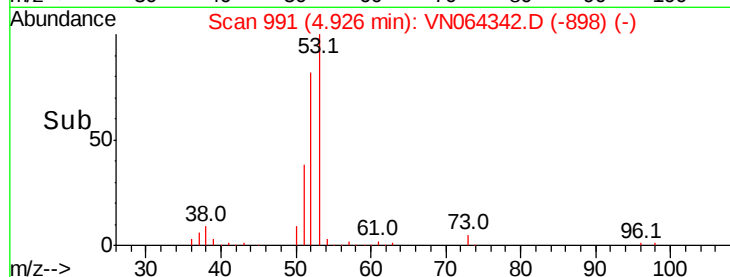


Abundance Ion 53.00 (52.70 to 53.70): VN064342.D (-969) (-)

Ion 52.00 (51.70 to 52.70): VN064342.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VN064342.D (-969) (-)

Time-->



#16

Acetone

Concen: 277.432 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064342.D

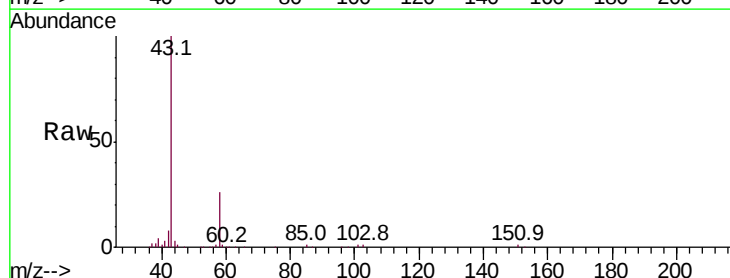
Acq: 28 Oct 2020 10:24

Tgt Ion: 43 Resp: 388905

Ion Ratio Lower Upper

43 100

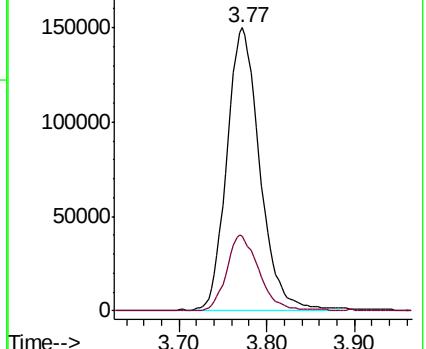
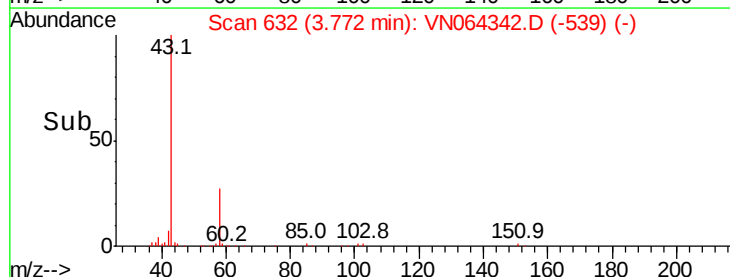
58 26.4 22.1 33.1

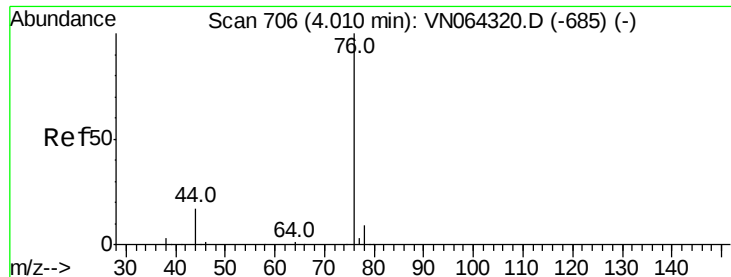


Abundance Ion 43.00 (42.70 to 43.70): VN064342.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN064342.D (-616) (-)

Time-->

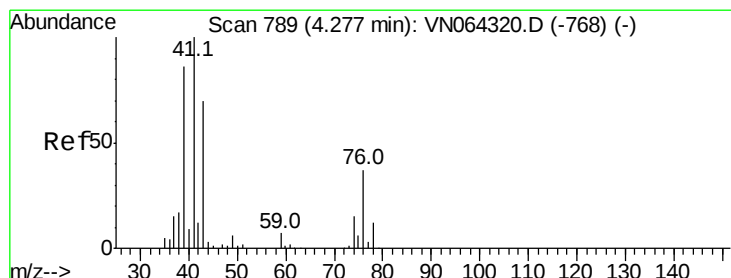
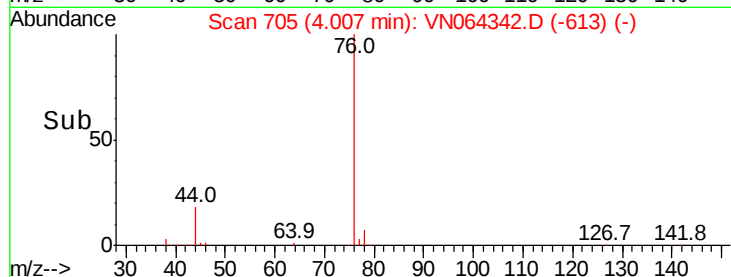
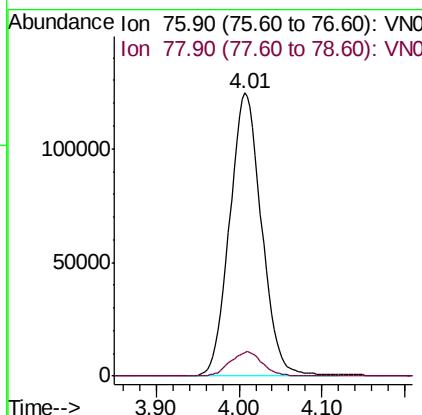
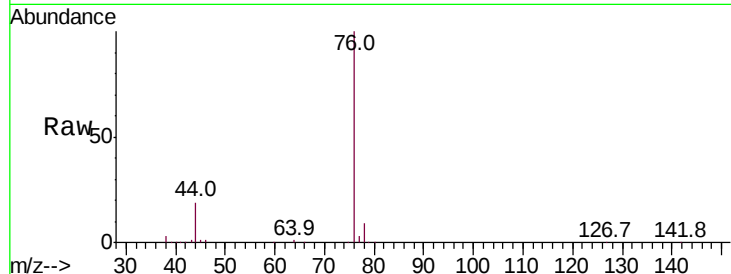




#17  
Carbon Disulfide  
Concen: 46.030 ug/l  
RT: 4.01 min Scan# 705  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

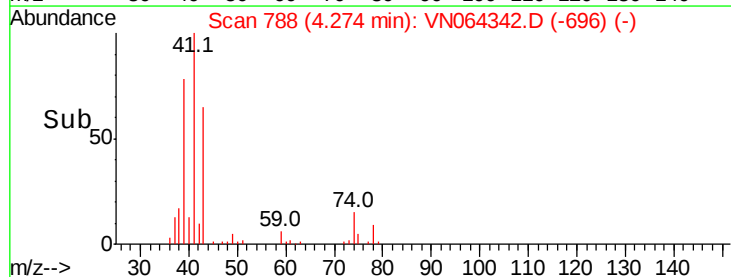
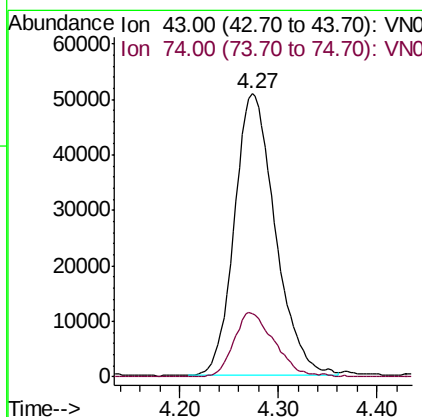
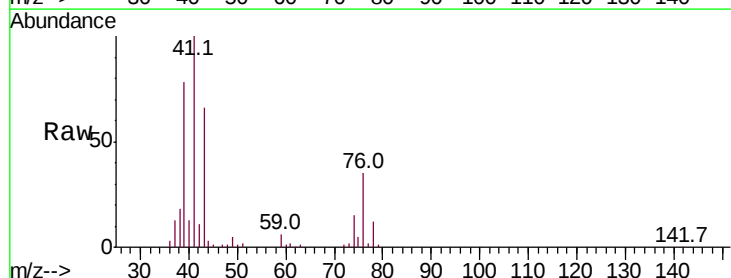
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

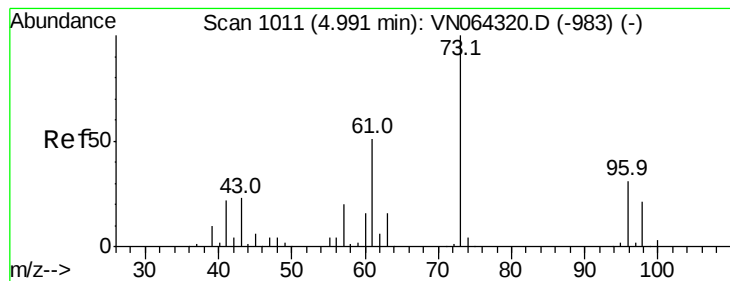
Tot Ion: 76 Resp: 333884  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.3 10.9



#18  
Methyl Acetate  
Concen: 47.350 ug/l  
RT: 4.27 min Scan# 788  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Tgt Ion: 43 Resp: 146679  
Ion Ratio Lower Upper  
43 100  
74 22.5 16.7 25.1



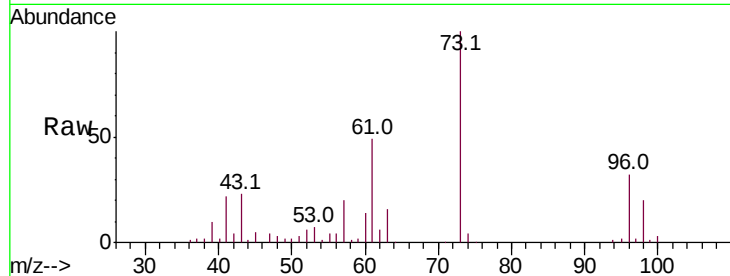


#19

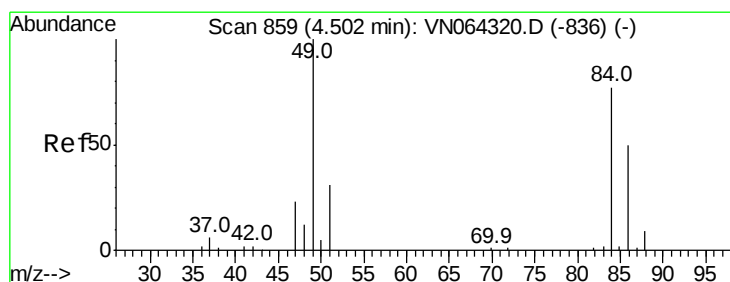
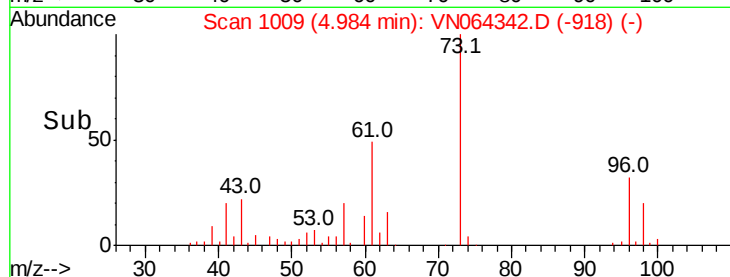
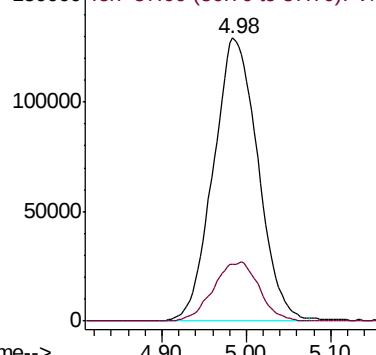
Methyl tert-butyl Ether  
 Concen: 50.247 ug/l  
 RT: 4.98 min Scan# 1009  
 Delta R.T. -0.01 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

Tot Ion: 73 Resp: 473313  
 Ion Ratio Lower Upper  
 73 100  
 57 20.2 16.1 24.1



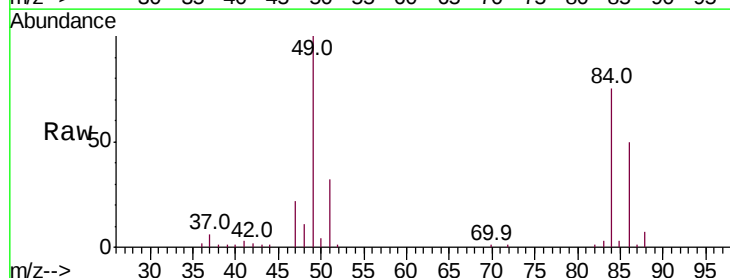
Abundance Ion 73.00 (72.70 to 73.70): VN064320.D (-983) (-)  
 Ion 57.00 (56.70 to 57.70): VN064320.D (-983) (-)



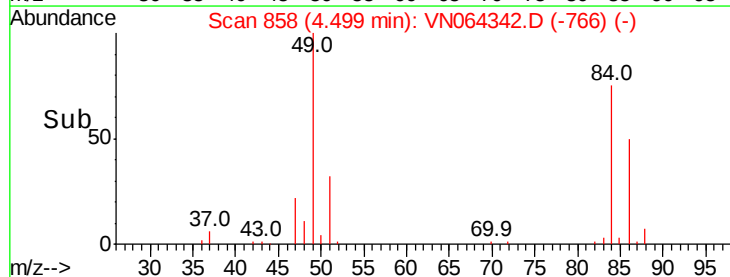
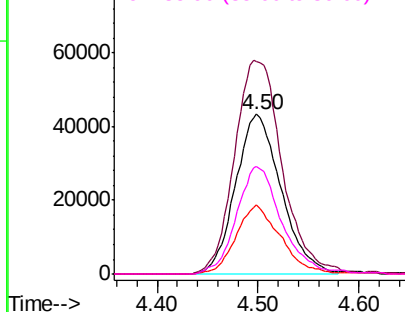
#20

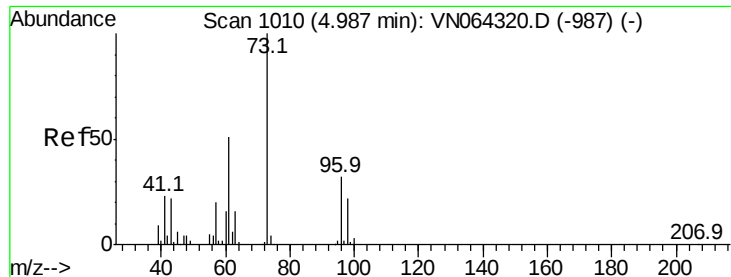
Methylene Chloride  
 Concen: 46.567 ug/l  
 RT: 4.50 min Scan# 858  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

Tgt Ion: 84 Resp: 136187  
 Ion Ratio Lower Upper  
 84 100  
 49 133.0 103.6 155.4  
 51 42.6 31.8 47.8  
 86 67.2 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN064320.D (-836) (-)  
 Ion 48.90 (48.60 to 49.60): VN064320.D (-836) (-)  
 Ion 50.90 (50.60 to 51.60): VN064320.D (-836) (-)  
 Ion 85.90 (85.60 to 86.60): VN064320.D (-836) (-)





#21

trans-1,2-Dichloroethene

Concen: 48.158 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

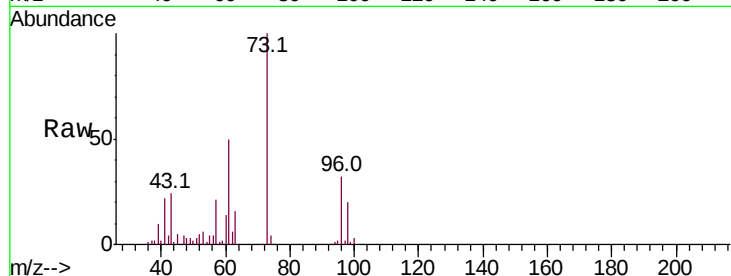
MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 131709

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 153.5 | 128.2 | 192.2 |
| 98  | 62.9  | 56.1  | 84.1  |

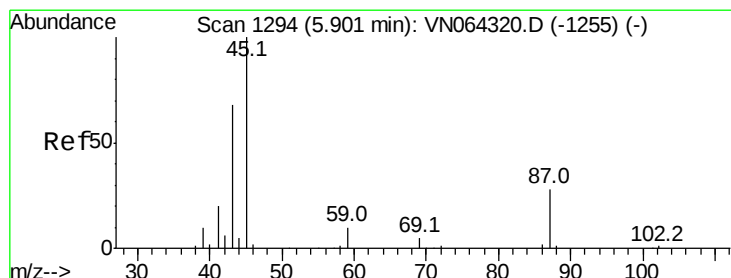
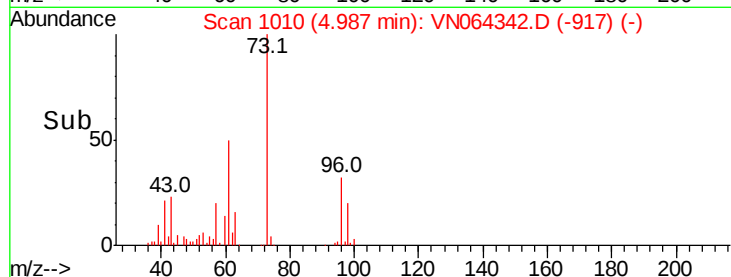
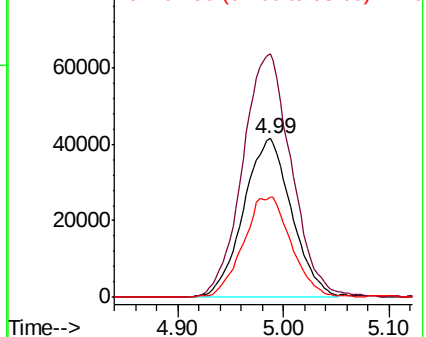


Abundance

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: 50.447 ug/l

RT: 5.90 min Scan# 1293

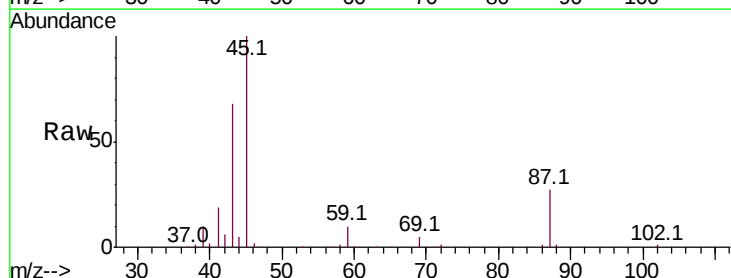
Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion: 45 Resp: 493614

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 66.1  | 54.6  | 82.0  |
| 87  | 27.2  | 22.6  | 33.8  |
| 59  | 10.2  | 8.6   | 12.8  |



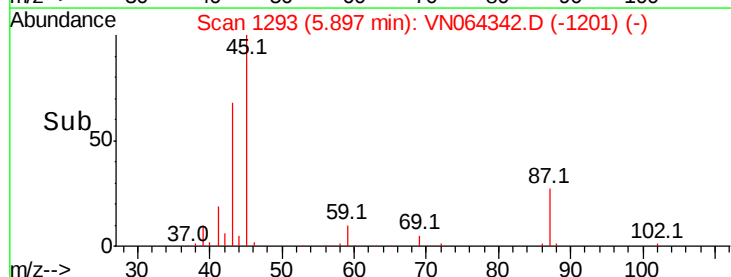
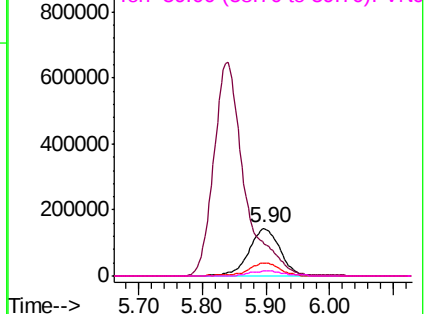
Abundance

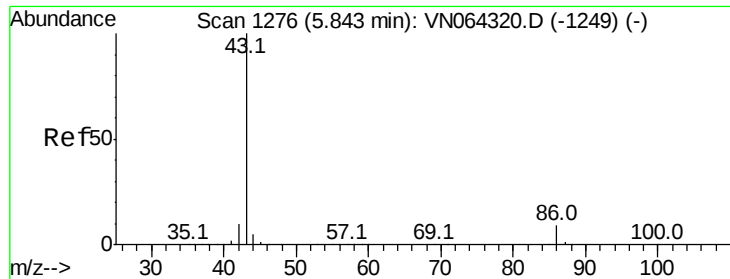
Ion 45.00 (44.70 to 45.70): VN0

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

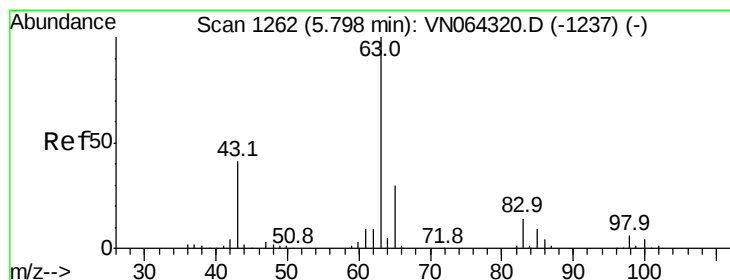
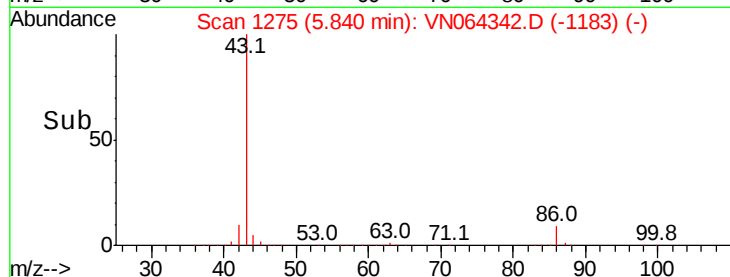
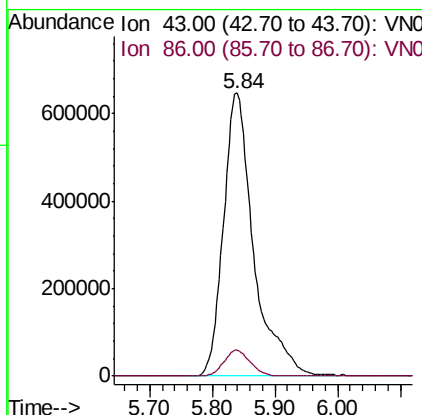
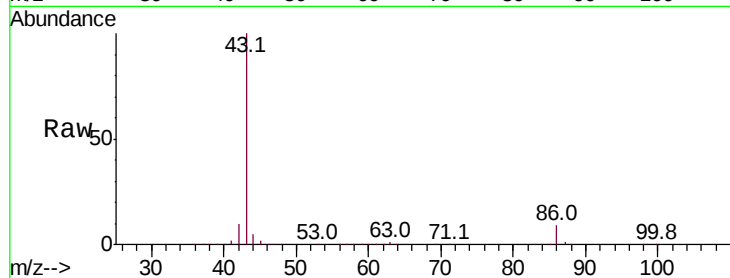




#23  
 Vinyl Acetate  
 Concen: 261.993 ug/l  
 RT: 5.84 min Scan# 1275  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

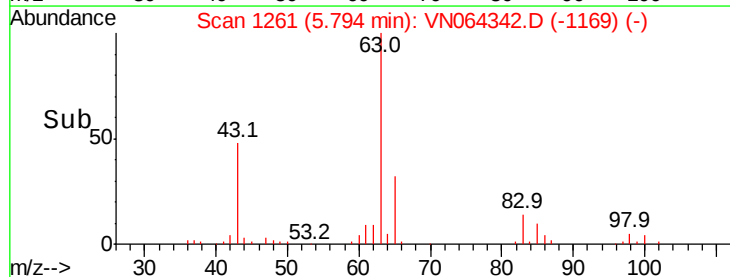
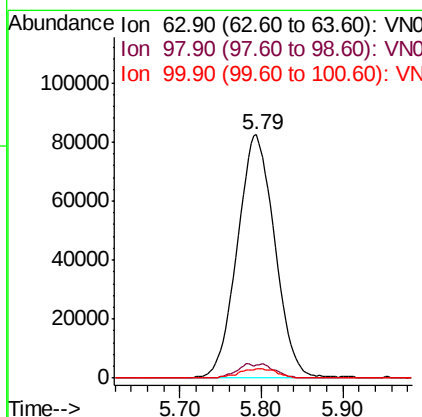
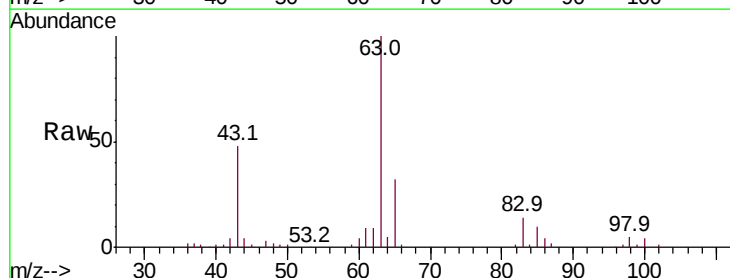
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

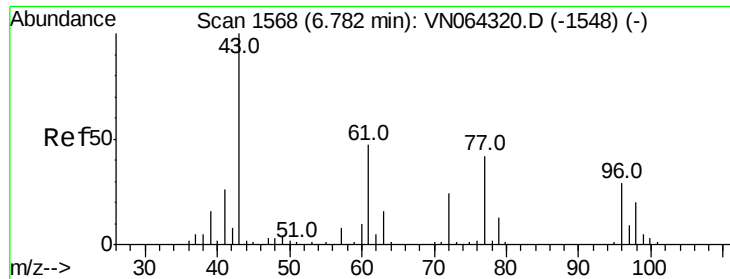
Tot Ion: 43 Resp: 2168803  
 Ion Ratio Lower Upper  
 43 100  
 86 9.1 7.3 10.9



#24  
 1,1-Dichloroethane  
 Concen: 47.795 ug/l  
 RT: 5.79 min Scan# 1261  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

Tgt Ion: 63 Resp: 261686  
 Ion Ratio Lower Upper  
 63 100  
 98 5.2 3.1 9.4  
 100 3.6 2.0 5.8

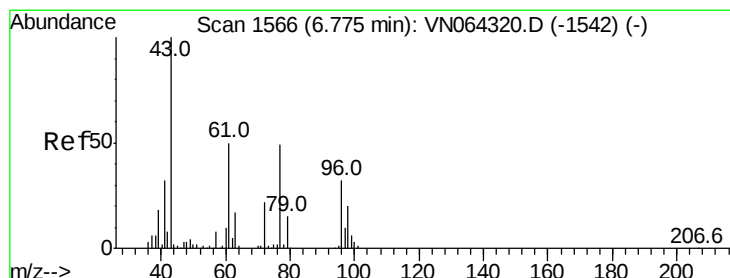
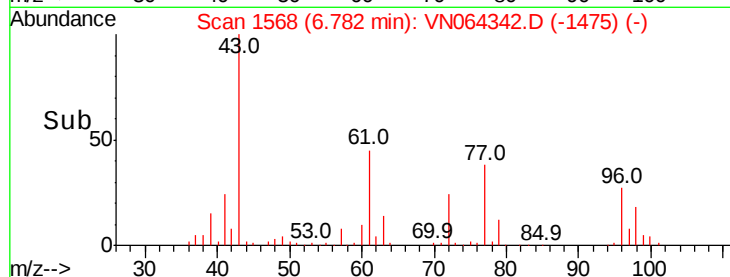
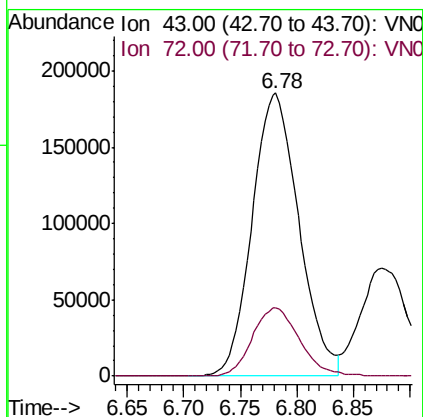
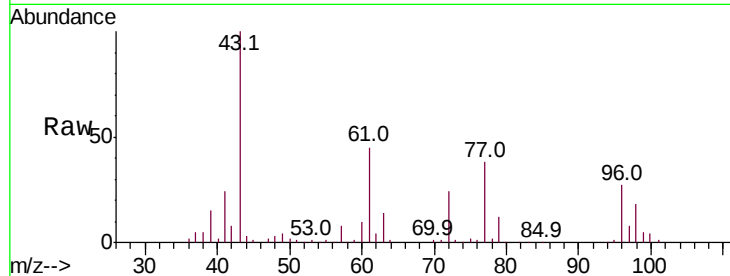




#25  
2-Butanone  
Concen: 256.992 ug/l  
RT: 6.78 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

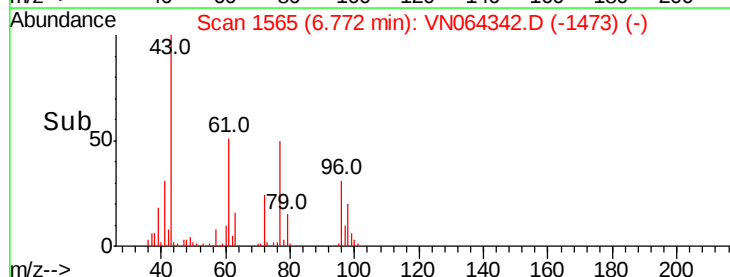
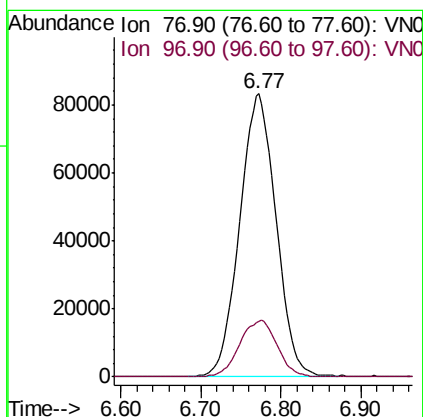
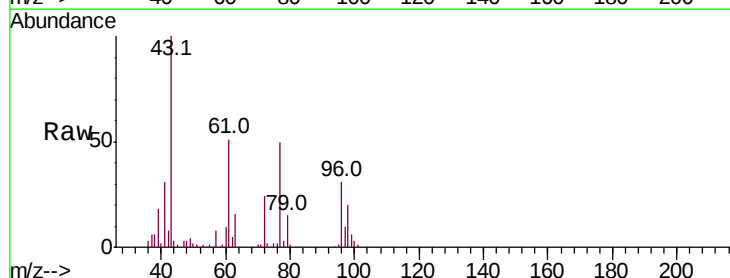
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

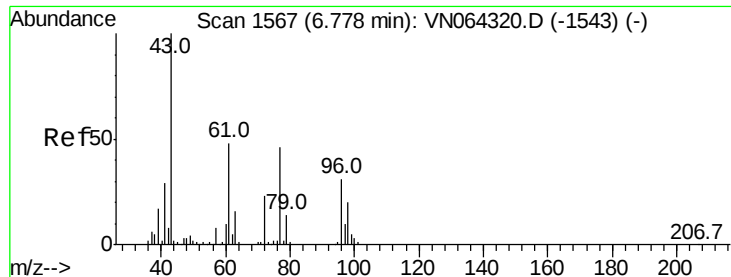
Tot Ion: 43 Resp: 532112  
Ion Ratio Lower Upper  
43 100  
72 24.3 18.8 28.2



#26  
2,2-Dichloropropane  
Concen: 47.986 ug/l  
RT: 6.77 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Tgt Ion: 77 Resp: 257137  
Ion Ratio Lower Upper  
77 100  
97 20.7 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 48.864 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

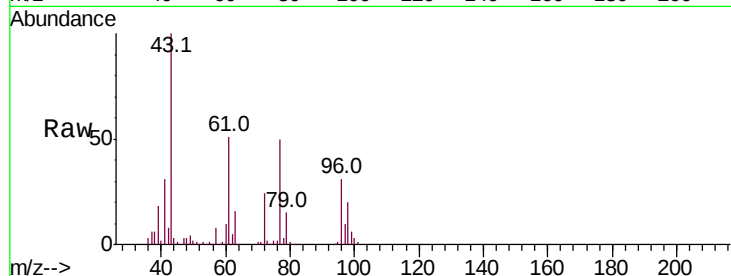
Tot Ion: 96 Resp: 152941

Ion Ratio Lower Upper

96 100

61 166.7 0.0 325.0

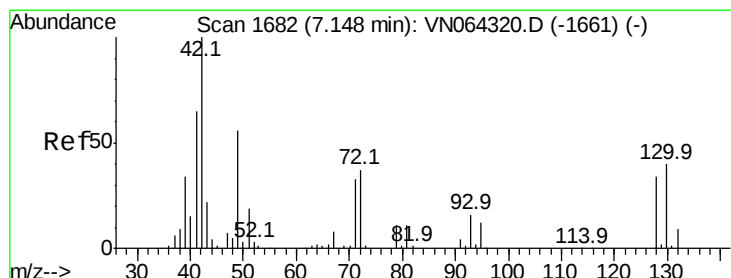
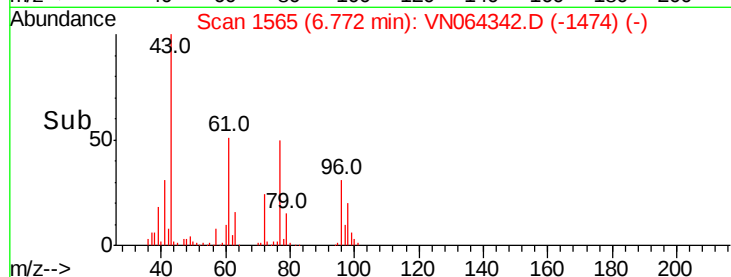
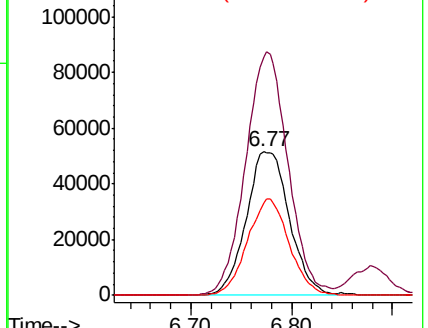
98 65.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN064342.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN064342.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN064342.D (-1543) (-)



#28

Bromochloromethane

Concen: 49.020 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

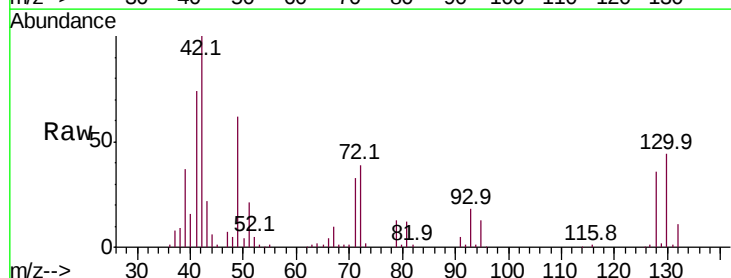
Tgt Ion: 49 Resp: 127876

Ion Ratio Lower Upper

49 100

129 1.4 0.0 2.8

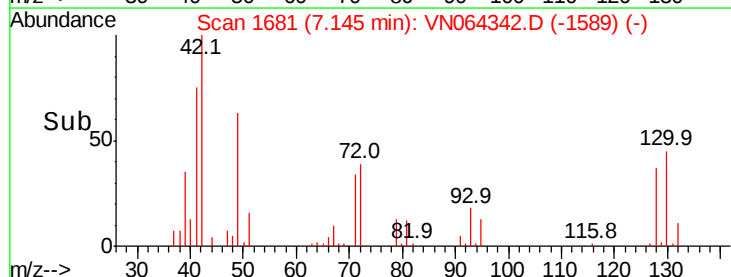
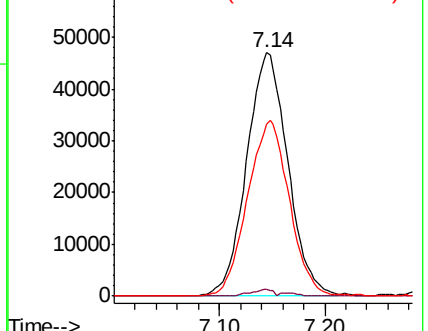
130 73.0 56.2 84.2

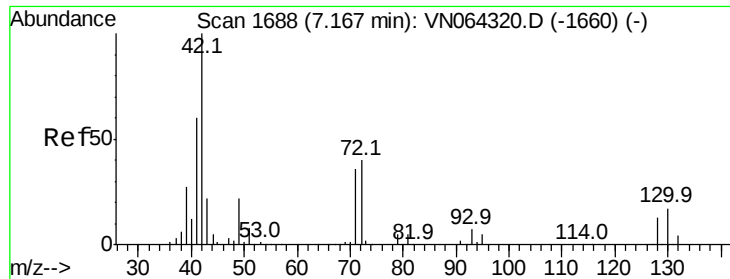


Abundance Ion 48.90 (48.60 to 49.60): VN064342.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064342.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064342.D (-1661) (-)





#29

Tetrahydrofuran

Concen: 240.470 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

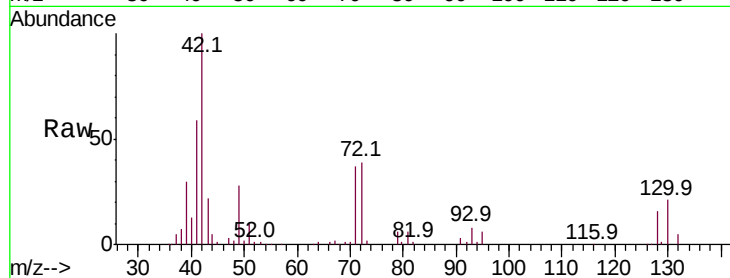
Tot Ion: 42 Resp: 323235

Ion Ratio Lower Upper

42 100

72 40.1 31.6 47.4

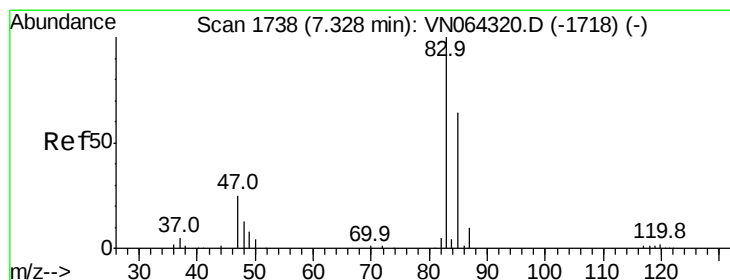
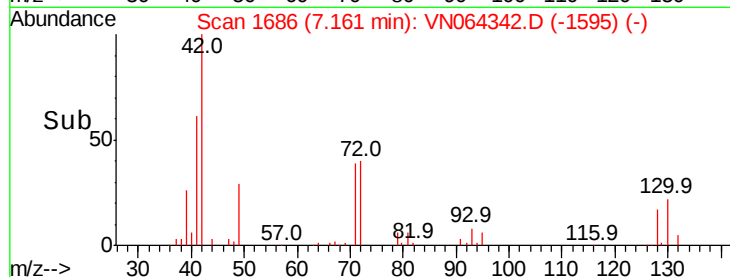
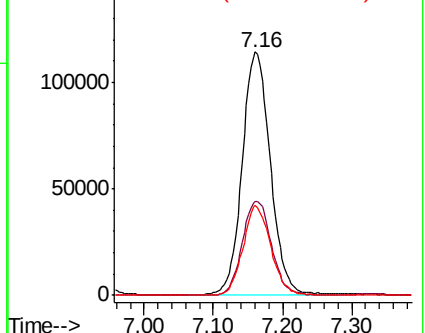
71 36.4 29.4 44.0



Abundance Ion 42.00 (41.70 to 42.70): VN064342.D (-1660) (-)

Ion 72.00 (71.70 to 72.70): VN064342.D (-1660) (-)

Ion 71.00 (70.70 to 71.70): VN064342.D (-1660) (-)



#30

Chloroform

Concen: 48.303 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064342.D

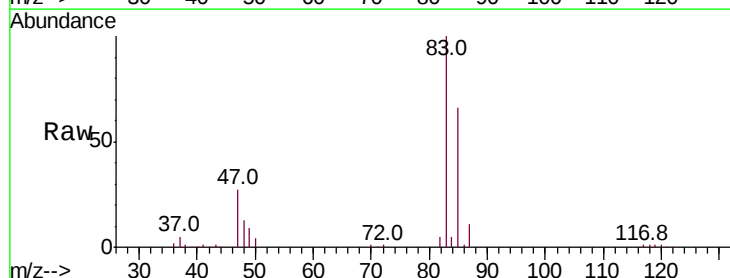
Acq: 28 Oct 2020 10:24

Tgt Ion: 83 Resp: 282291

Ion Ratio Lower Upper

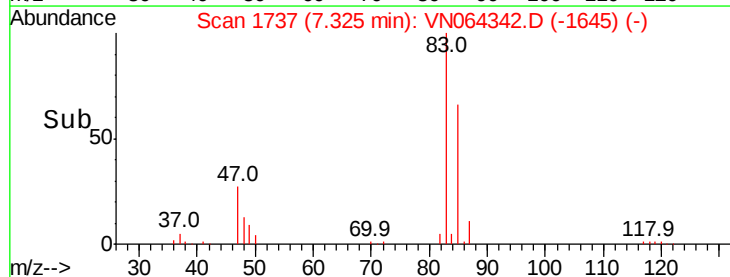
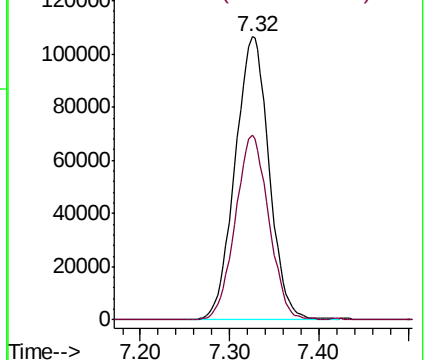
83 100

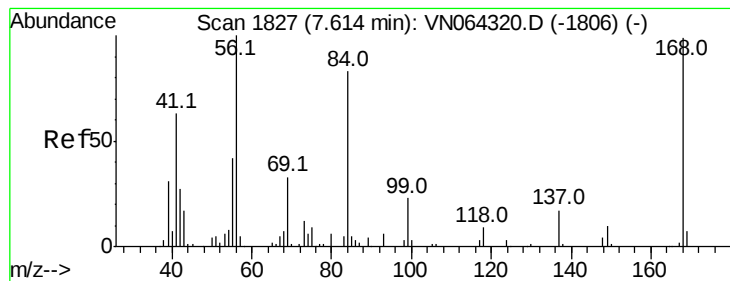
85 65.5 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN064342.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064342.D (-1718) (-)





#31

Cyclohexane

Concen: 46.524 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

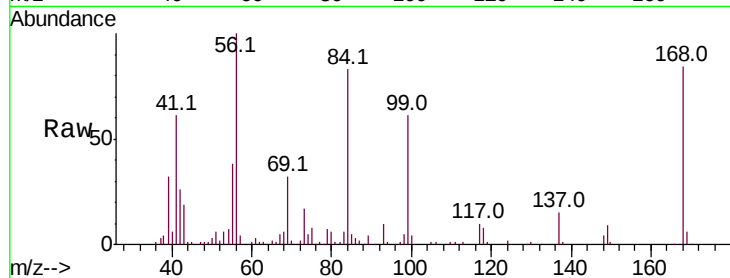
Tot Ion: 56 Resp: 222664

Ion Ratio Lower Upper

56 100

69 31.8 25.8 38.8

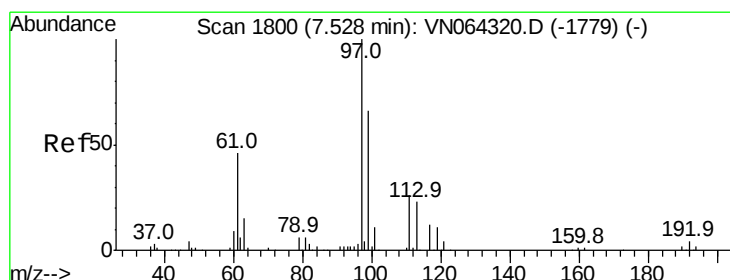
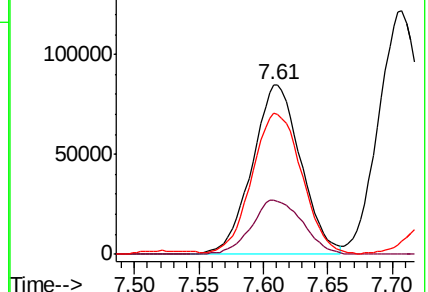
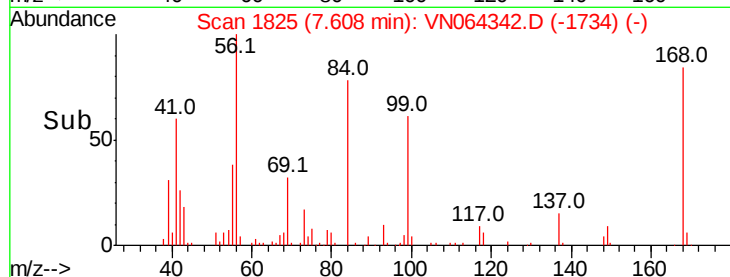
84 81.5 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VN064342.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064342.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064342.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 46.888 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

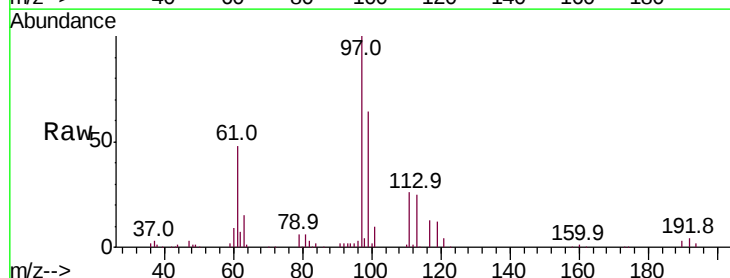
Tgt Ion: 97 Resp: 263135

Ion Ratio Lower Upper

97 100

99 64.2 50.6 76.0

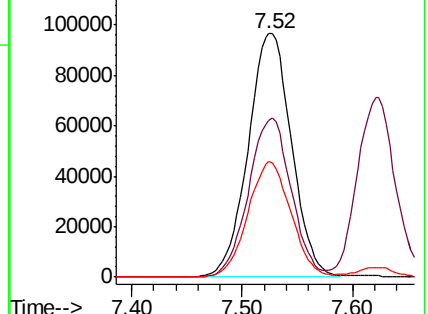
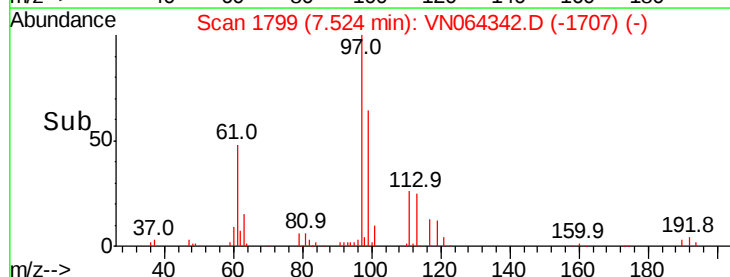
61 47.0 35.8 53.6

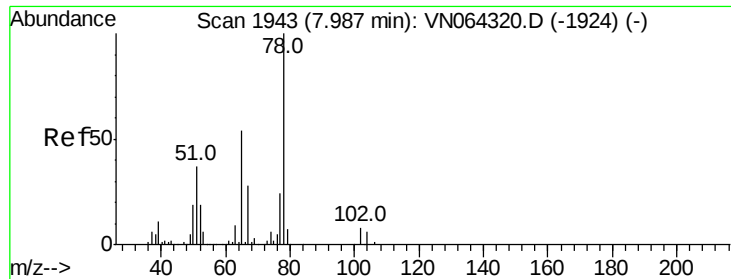


Abundance Ion 96.90 (96.60 to 97.60): VN064342.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064342.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064342.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.926 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

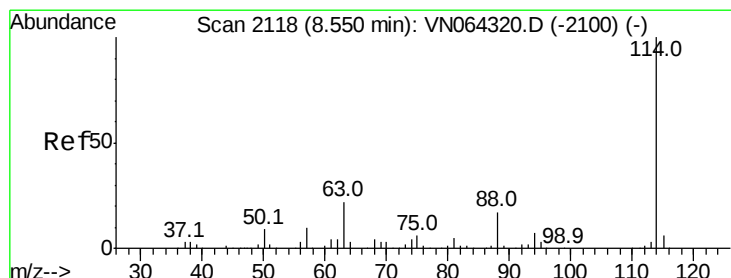
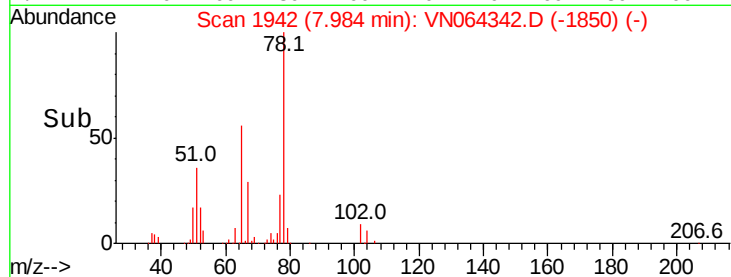
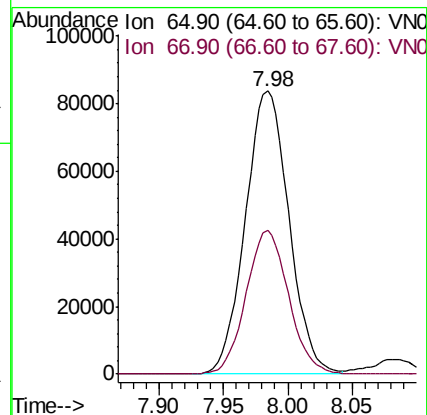
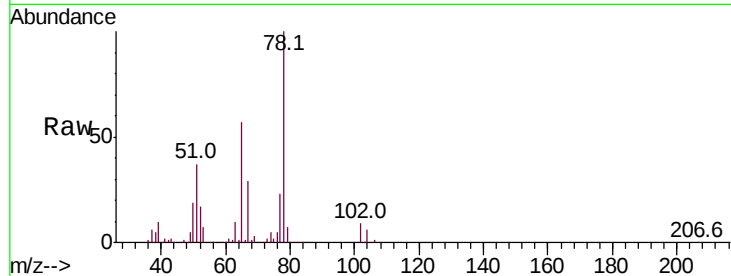
VSTDCCC050

Tot Ion: 65 Resp: 197632

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

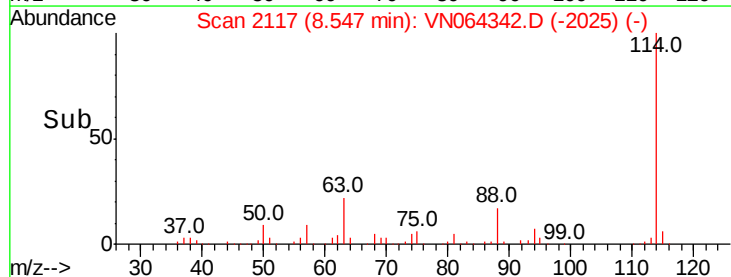
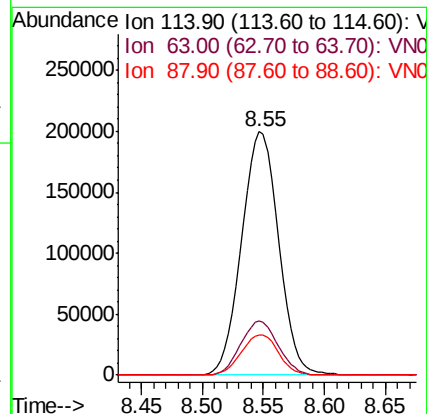
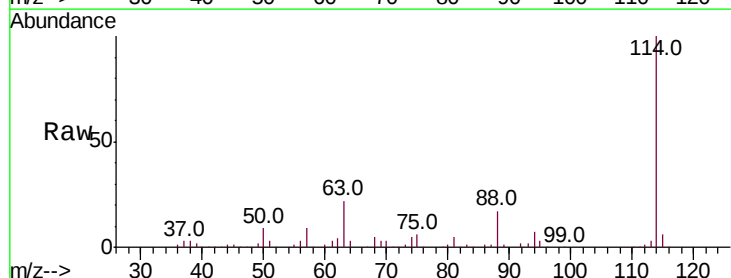
Tgt Ion: 114 Resp: 418405

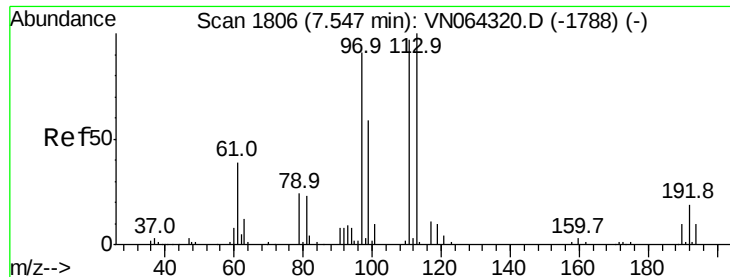
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 16.7 0.0 33.4

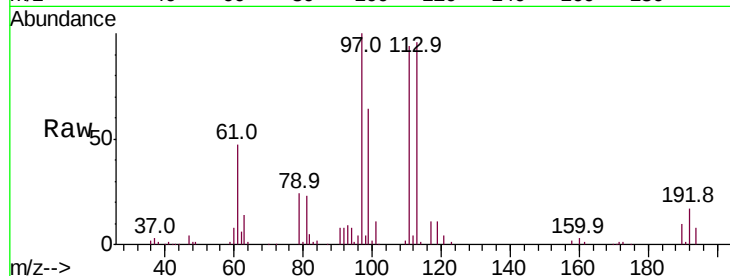




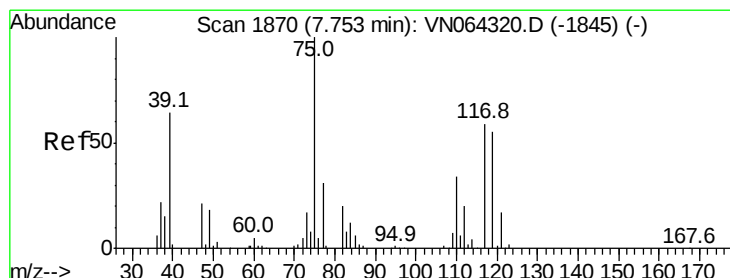
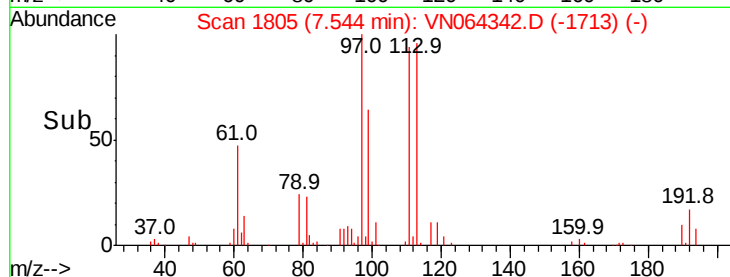
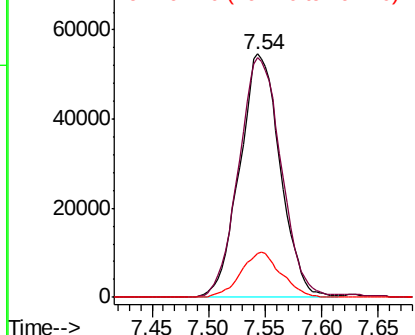
#35  
 Dibromofluoromethane  
 Concen: 48.899 ug/l  
 RT: 7.54 min Scan# 1805  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.1 | 81.5  | 122.3 |
| 192     | 18.4  | 15.0  | 22.4  |

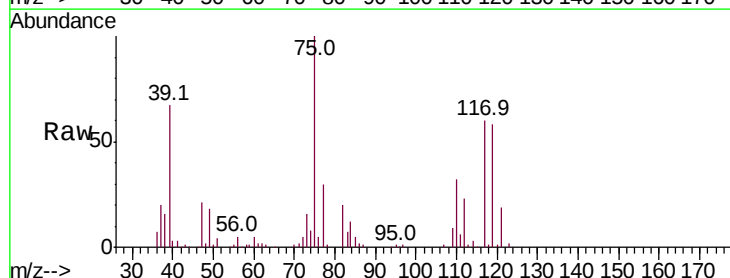


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

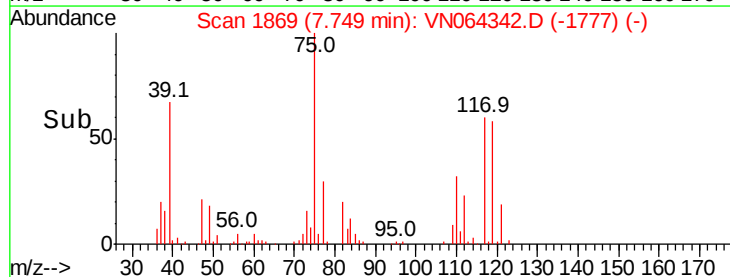
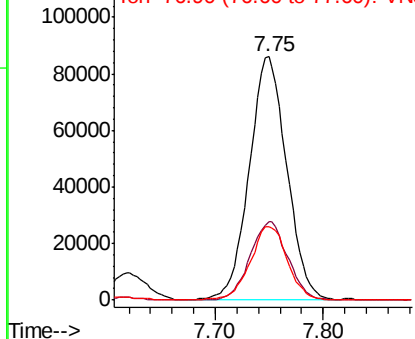


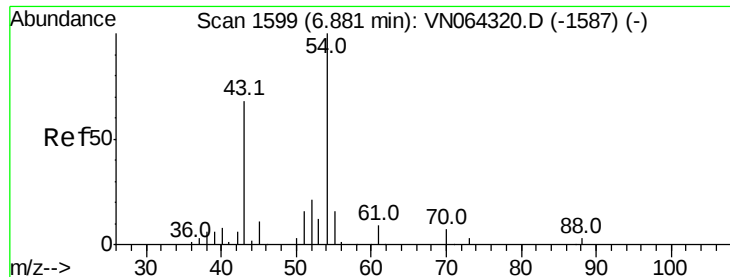
#36  
 1,1-Dichloropropene  
 Concen: 49.259 ug/l  
 RT: 7.75 min Scan# 1869  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 32.2  | 16.8  | 50.3  |
| 77      | 30.0  | 24.2  | 36.4  |



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): V

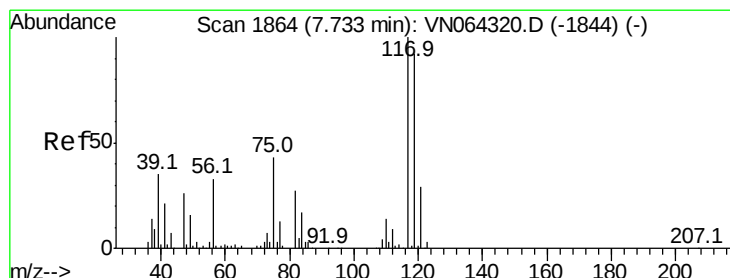
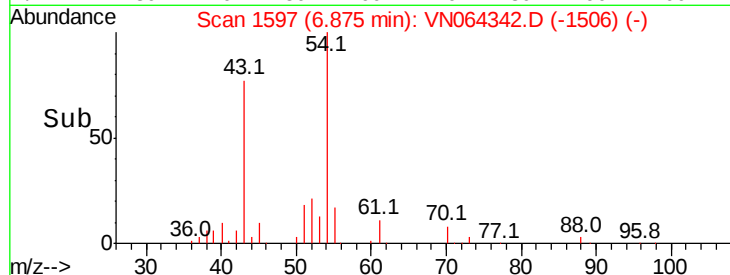
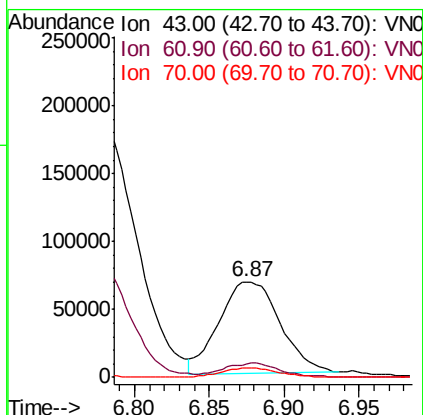
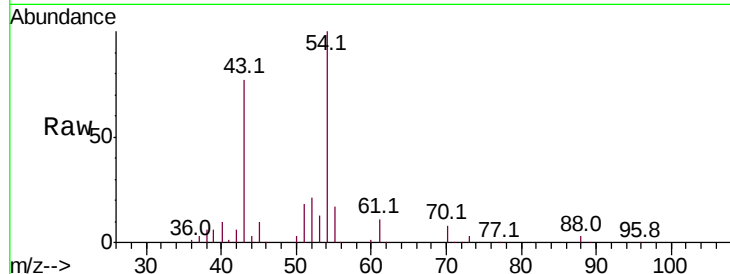




#37  
Ethyl Acetate  
Concen: 45.304 ug/l  
RT: 6.87 min Scan# 1597  
Delta R.T. -0.01 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

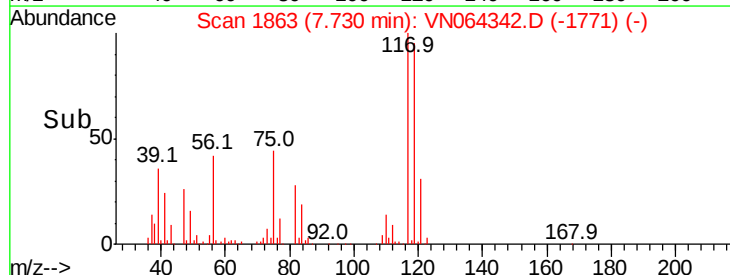
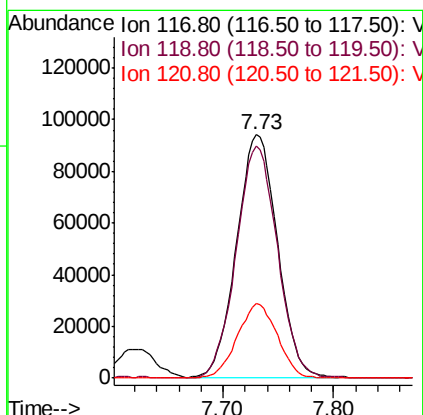
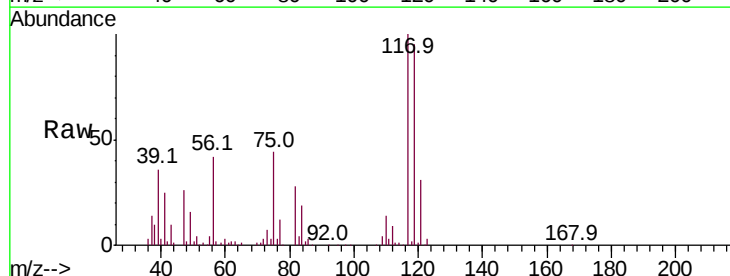
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

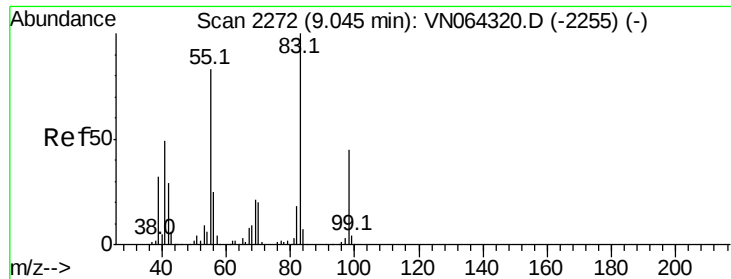
| Tot Ion | 43     | 61   | 70   |
|---------|--------|------|------|
| Resp    | 193238 |      |      |
| Ratio   | 100    | 14.4 | 9.9  |
| Lower   |        | 10.0 | 7.1  |
| Upper   |        | 15.0 | 10.7 |



#38  
Carbon Tetrachloride  
Concen: 49.092 ug/l  
RT: 7.73 min Scan# 1863  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

| Tgt Ion | 117    | 119   | 121  |
|---------|--------|-------|------|
| Resp    | 240330 |       |      |
| Ratio   | 100    | 95.5  | 30.7 |
| Lower   |        | 73.7  | 22.8 |
| Upper   |        | 110.5 | 34.2 |

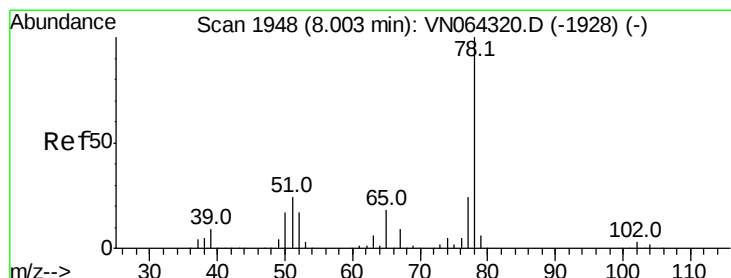
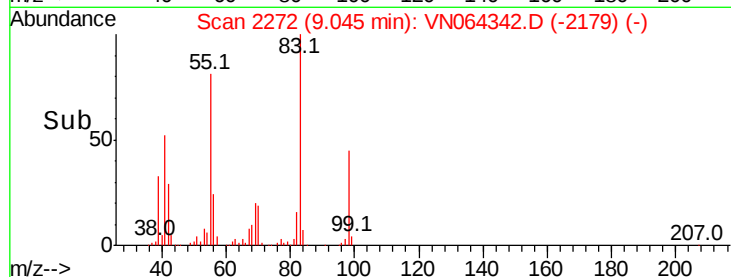
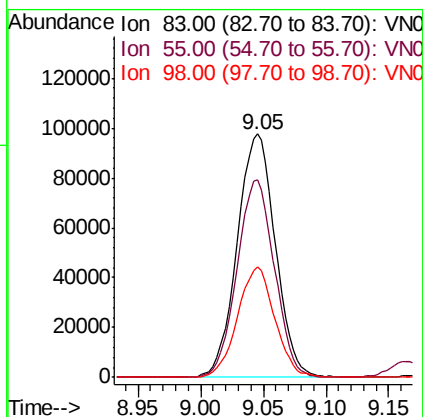
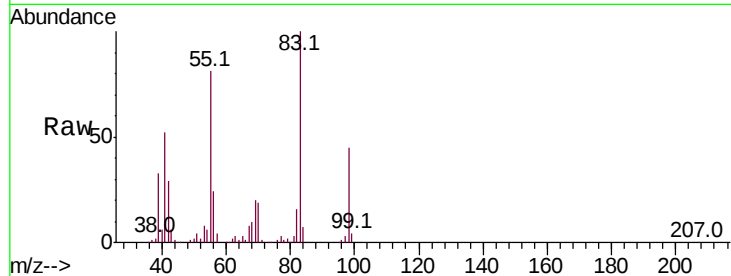




#39  
Methvlcvclohexane  
Concen: 49.315 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

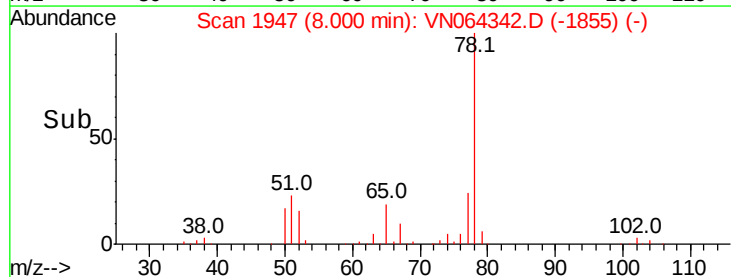
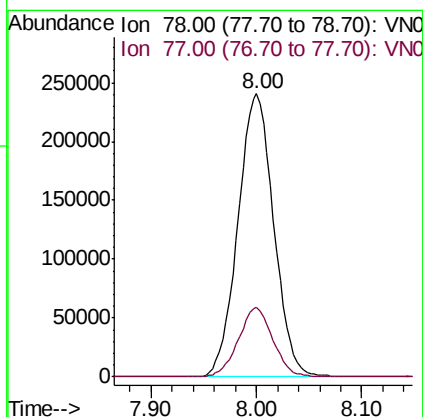
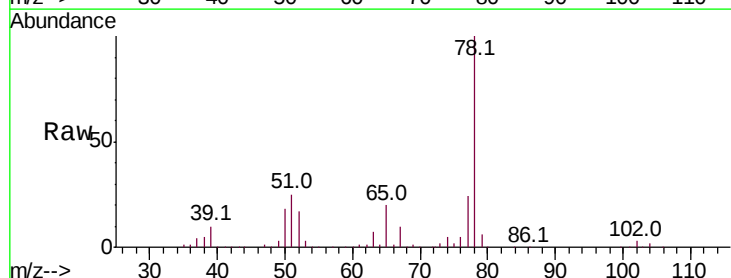
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

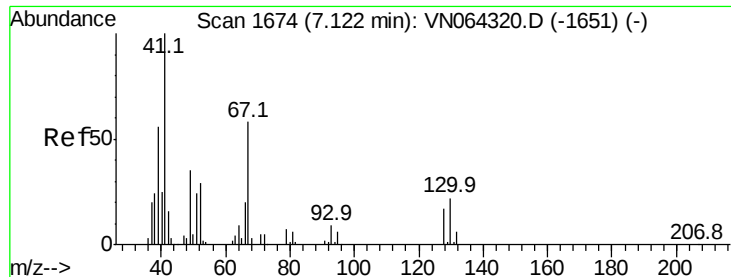
Tot Ion: 83 Resp: 206480  
Ion Ratio Lower Upper  
83 100  
55 81.3 66.2 99.4  
98 45.2 36.0 54.0



#40  
Benzene  
Concen: 48.299 ug/l  
RT: 8.00 min Scan# 1947  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Tgt Ion: 78 Resp: 567698  
Ion Ratio Lower Upper  
78 100  
77 24.5 18.8 28.2

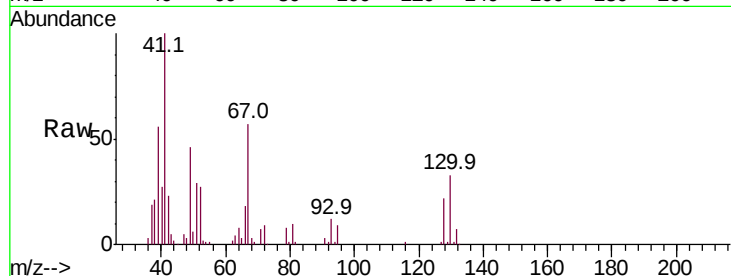




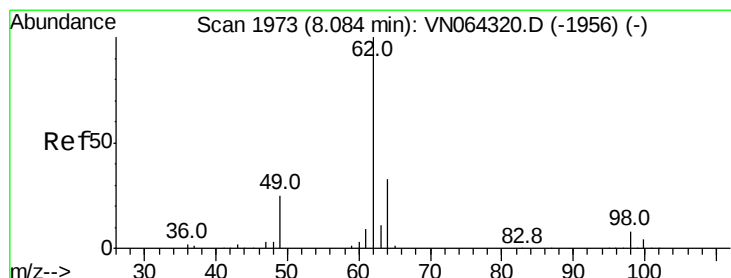
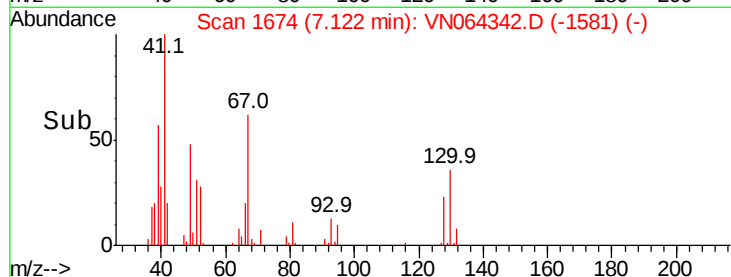
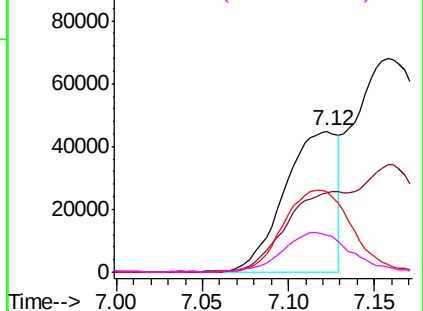
#41  
Methacrylonitrile  
Concen: 45.885 ug/l  
RT: 7.12 min Scan# 1674  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 97152 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 65.9  | 48.6  | 72.8  |
| 67       | 75.8  | 61.4  | 92.2  |
| 52       | 34.8  | 27.6  | 41.4  |

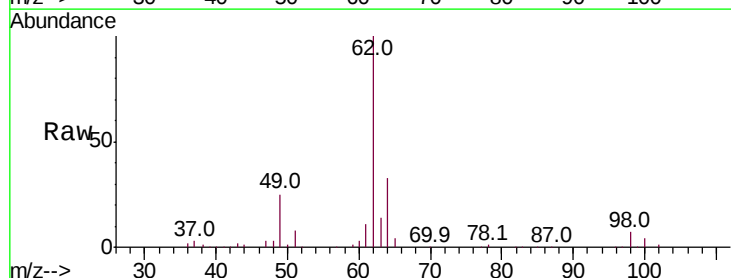


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

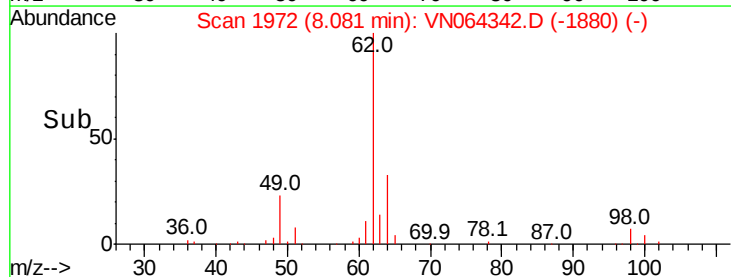
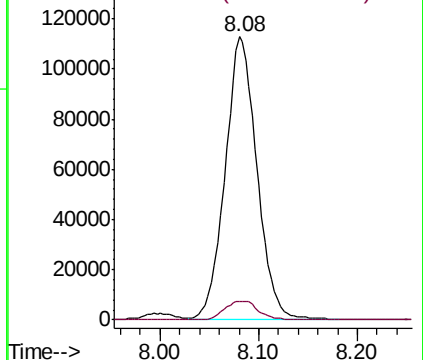


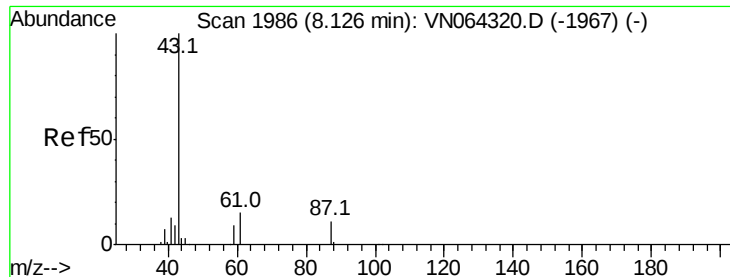
#42  
1,2-Dichloroethane  
Concen: 49.772 ug/l  
RT: 8.08 min Scan# 1972  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 252709 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.0   | 0.0   | 14.2   |



Abundance Ion 61.90 (61.60 to 62.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 49.287 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

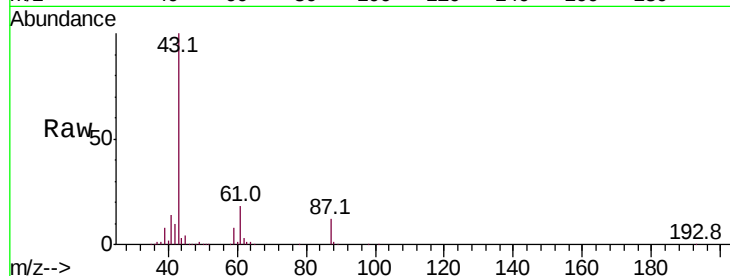
Tot Ion: 43 Resp: 359365

Ion Ratio Lower Upper

43 100

61 18.2 19.1 28.7#

87 12.2 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064320.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064320.D (-1967) (-)

8.12

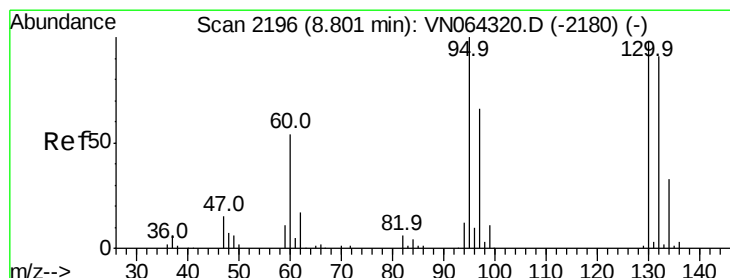
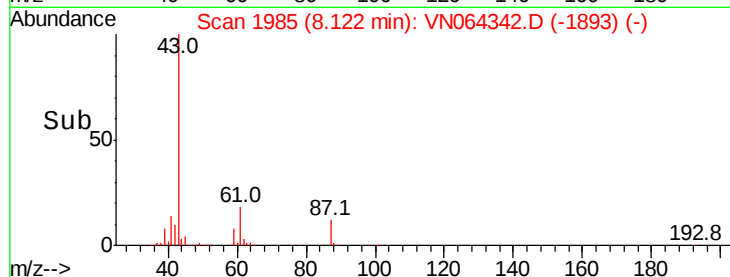
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 51.142 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064342.D

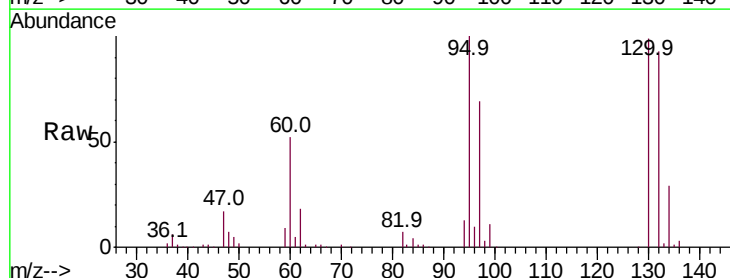
Acq: 28 Oct 2020 10:24

Tgt Ion:130 Resp: 157470

Ion Ratio Lower Upper

130 100

95 101.1 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN064320.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064320.D (-2180) (-)

80000

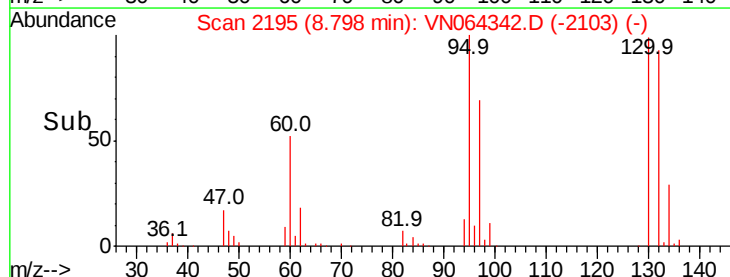
60000

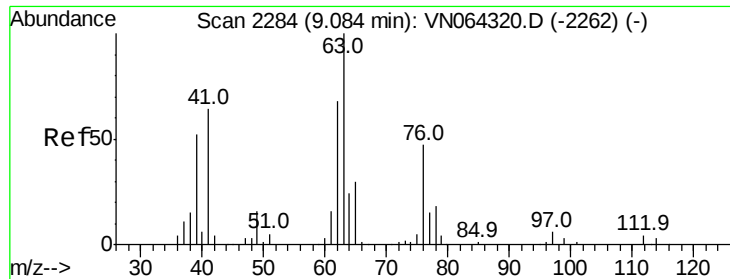
40000

20000

0

Time-->





#45

1,2-Dichloropropane

Concen: 49.042 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

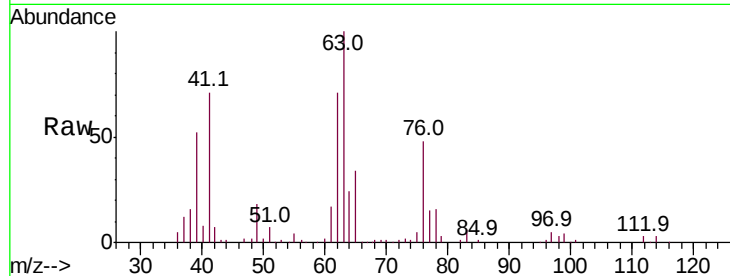
VSTDCCC050

Tot Ion: 63 Resp: 154360

Ion Ratio Lower Upper

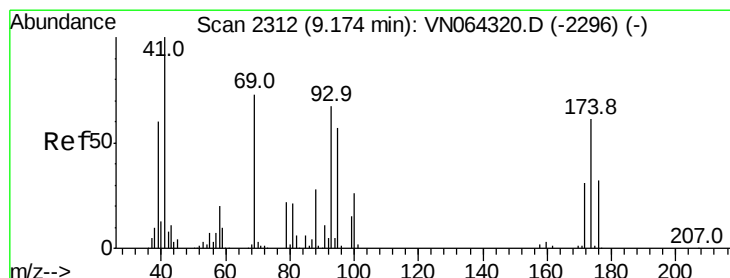
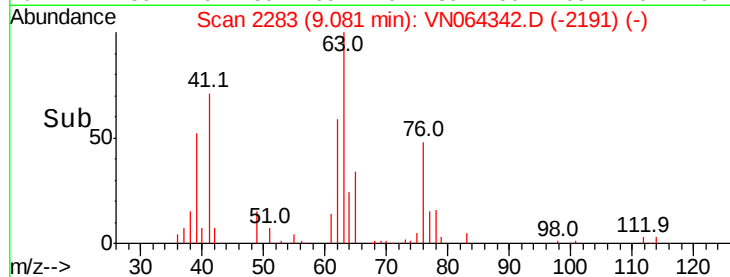
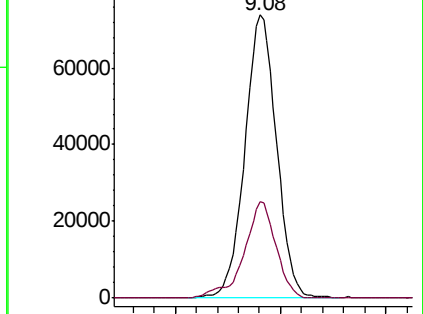
63 100

65 34.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 49.849 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

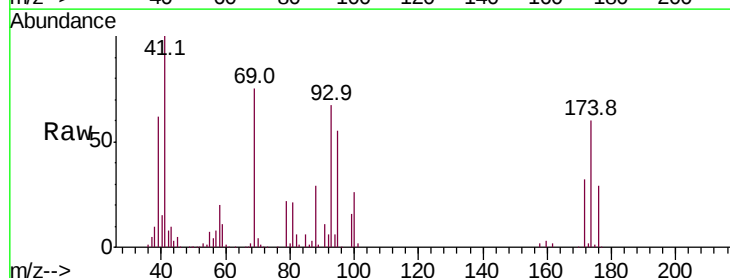
Tgt Ion: 93 Resp: 109765

Ion Ratio Lower Upper

93 100

95 81.8 64.4 96.6

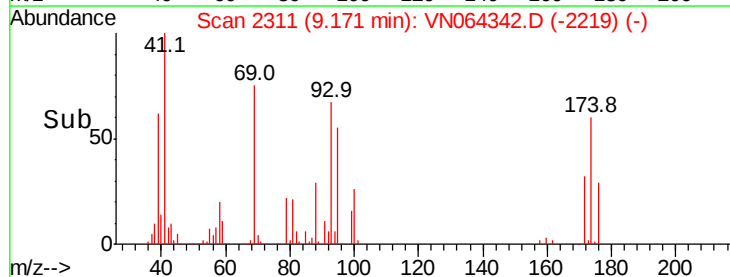
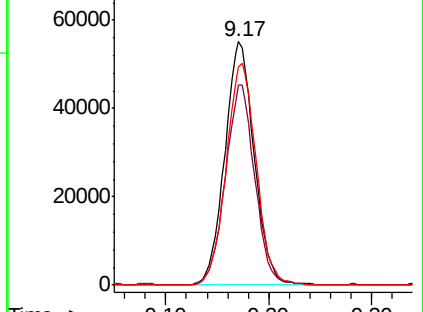
174 92.7 71.4 107.0

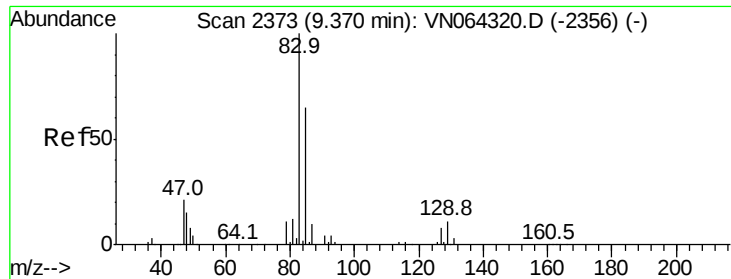


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 47.893 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

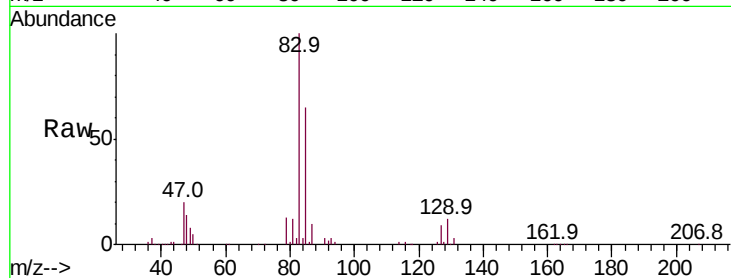
Tot Ion: 83 Resp: 233713

Ion Ratio Lower Upper

83 100

85 64.8 52.1 78.1

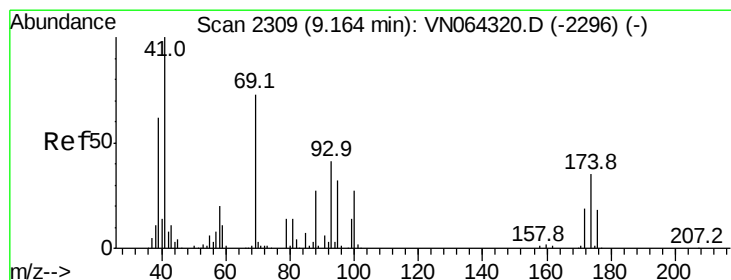
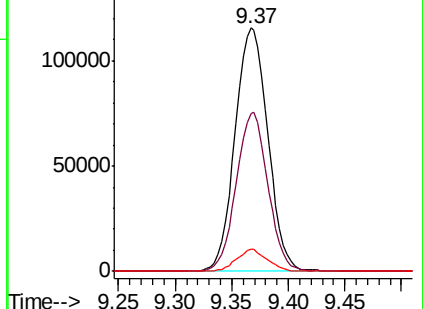
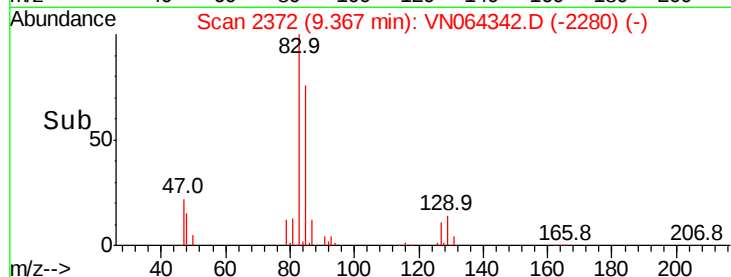
127 9.2 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064320.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064320.D (-2356) (-)



#48

Methyl methacrylate

Concen: 49.797 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

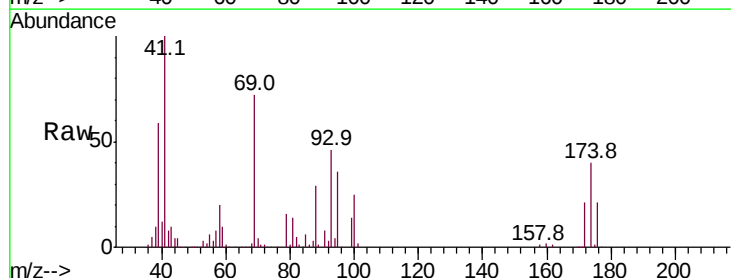
Tgt Ion: 41 Resp: 187327

Ion Ratio Lower Upper

41 100

69 71.1 59.1 88.7

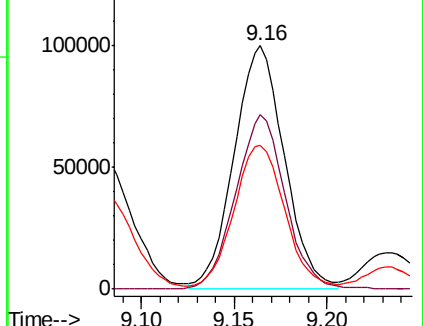
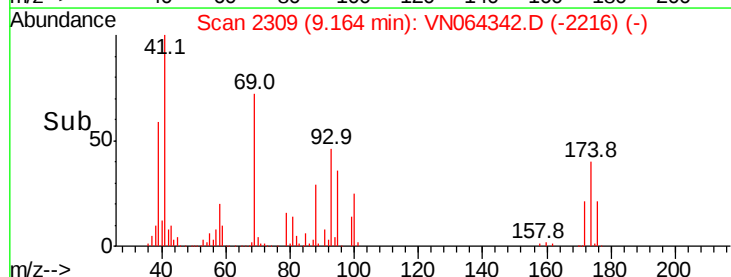
39 60.4 51.3 76.9

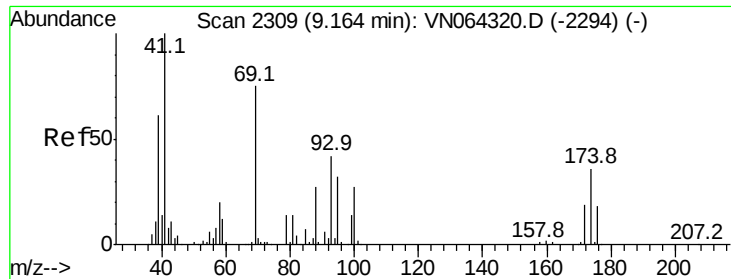


Abundance Ion 41.00 (40.70 to 41.70): VN064320.D (-2296) (-)

Ion 69.00 (68.70 to 69.70): VN064320.D (-2296) (-)

Ion 39.00 (38.70 to 39.70): VN064320.D (-2296) (-)

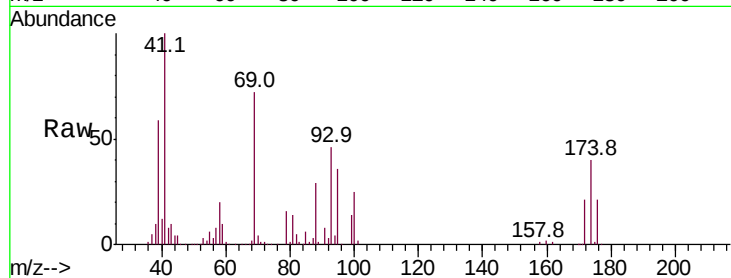




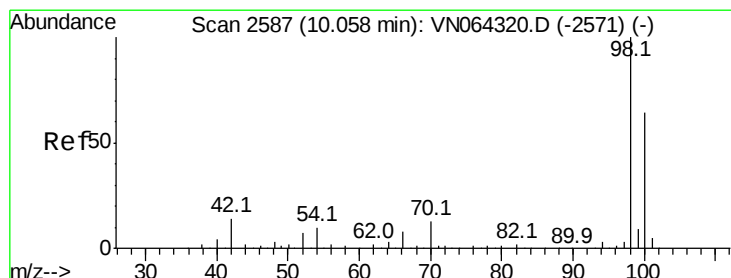
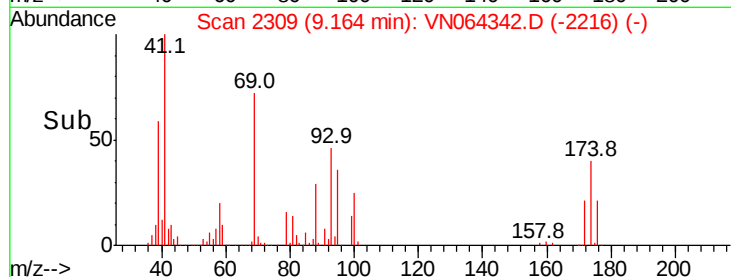
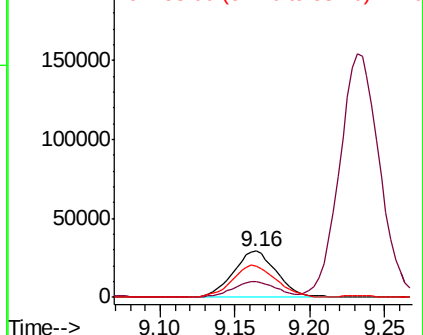
#49  
1,4-Dioxane  
Concen: 1075.286 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 88 Resp: 59621  
Ion Ratio Lower Upper  
88 100  
43 31.8 31.8 47.8  
58 69.2 60.3 90.5

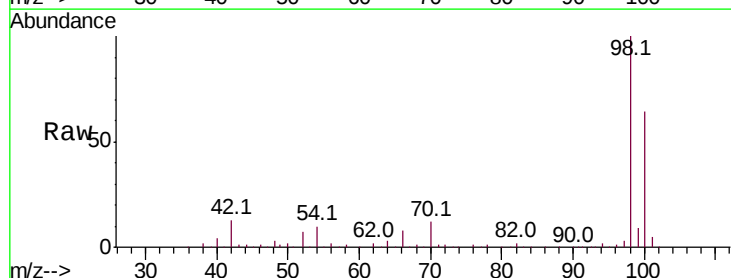


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

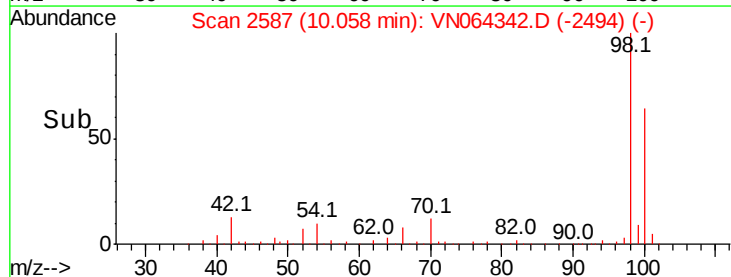
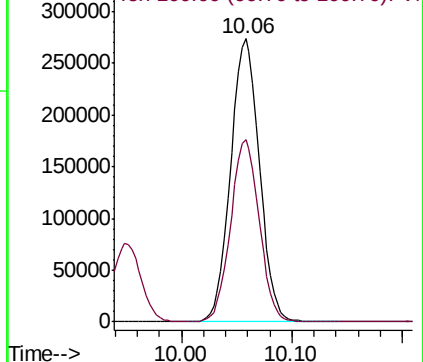


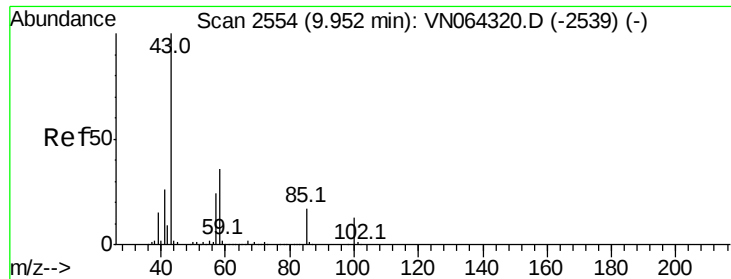
#50  
Toluene-d8  
Concen: 48.218 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Tgt Ion: 98 Resp: 497647  
Ion Ratio Lower Upper  
98 100  
100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 247.883 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

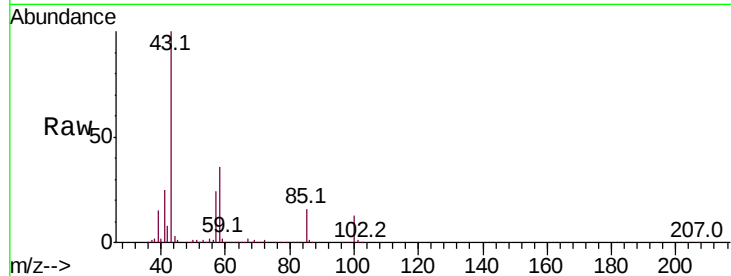
VSTDCCC050

Tot Ion: 43 Resp: 1050596

Ion Ratio Lower Upper

43 100

58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2539) (-)

9.95

600000

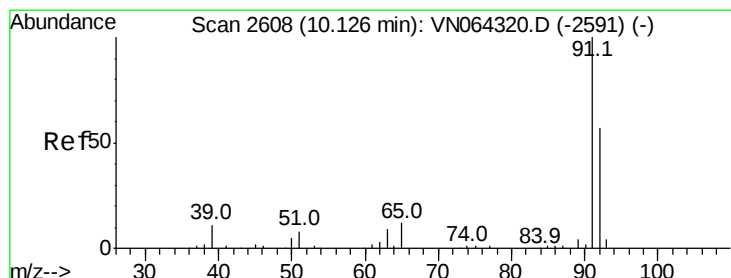
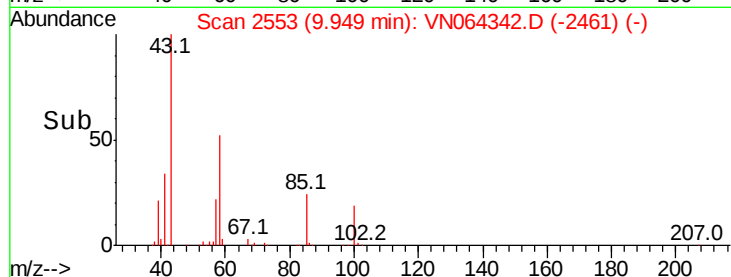
400000

200000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 49.744 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064342.D

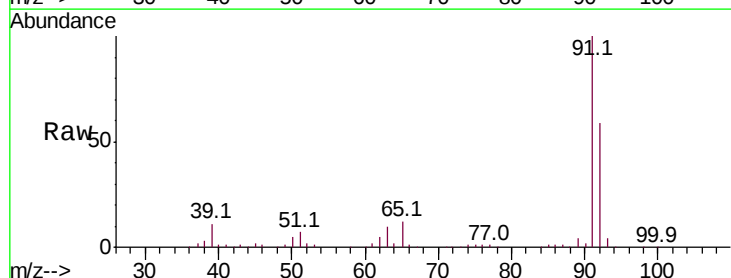
Acq: 28 Oct 2020 10:24

Tgt Ion: 92 Resp: 368949

Ion Ratio Lower Upper

92 100

91 171.6 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN064320.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064320.D (-2591) (-)

10.12

400000

300000

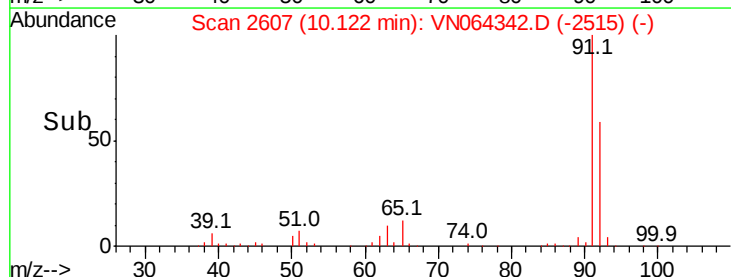
200000

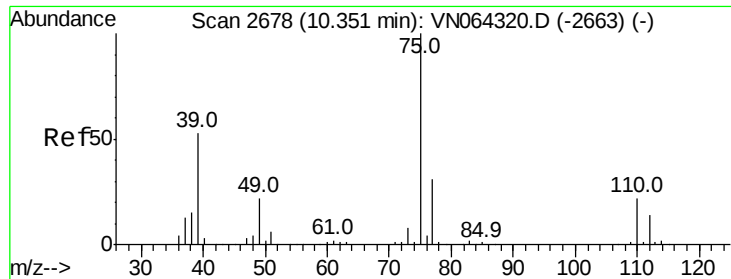
100000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.916 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

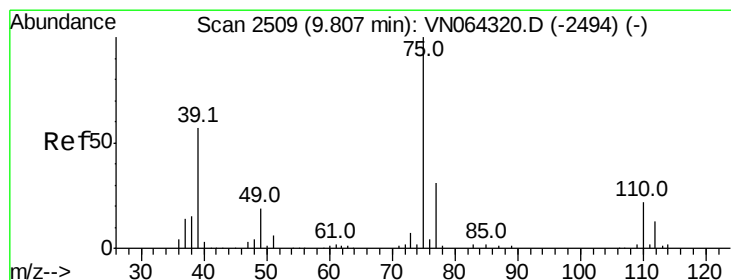
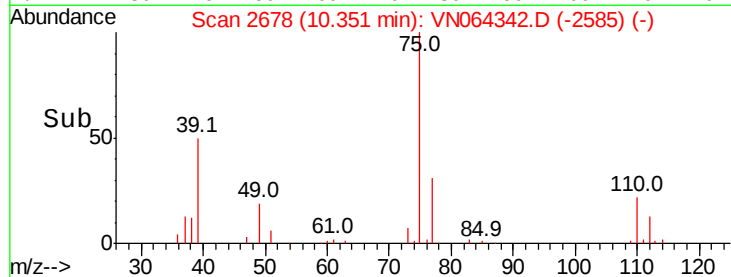
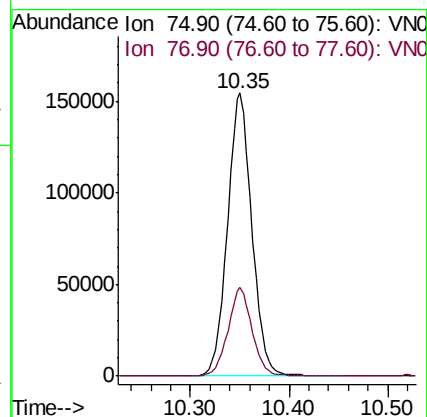
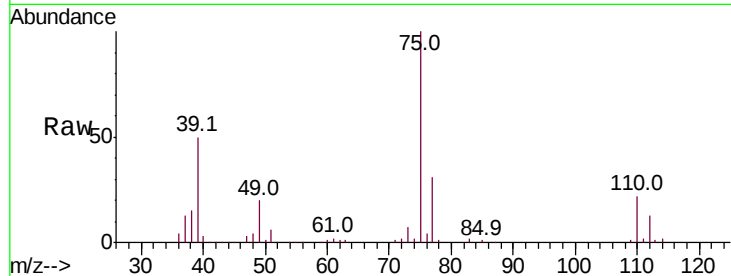
VSTDCCC050

Tot Ion: 75 Resp: 267873

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 50.977 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

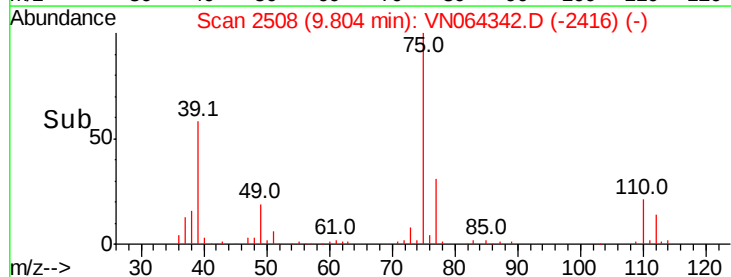
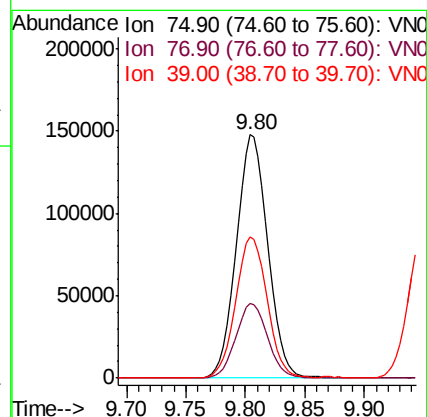
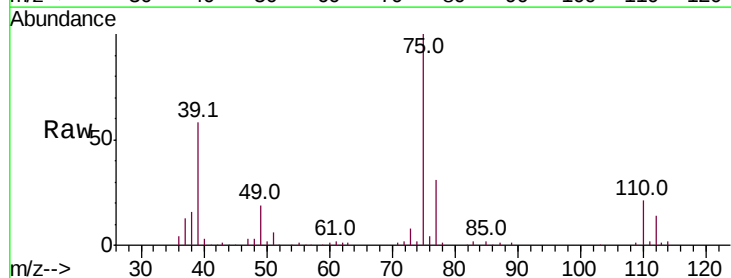
Tgt Ion: 75 Resp: 270759

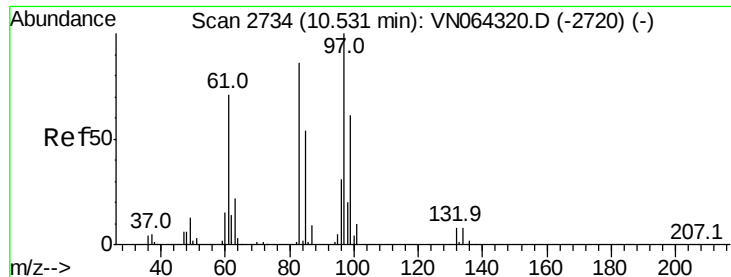
Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4

39 58.2 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 50.538 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 147963

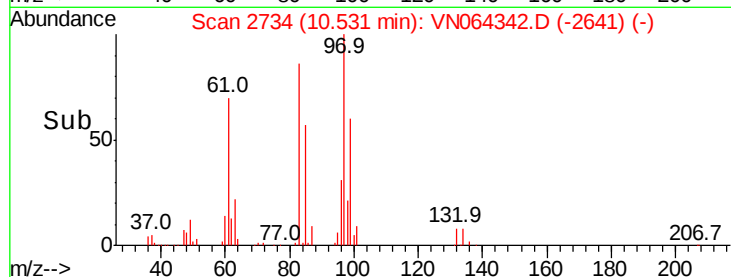
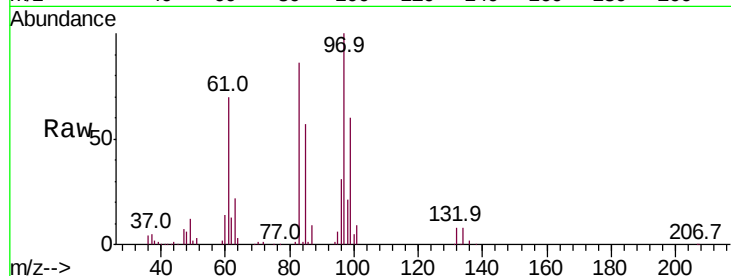
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.0  | 68.9  | 103.3 |
| 85  | 57.0  | 43.6  | 65.4  |
| 99  | 59.7  | 49.2  | 73.8  |

97 100

83 86.0 68.9 103.3

85 57.0 43.6 65.4

99 59.7 49.2 73.8



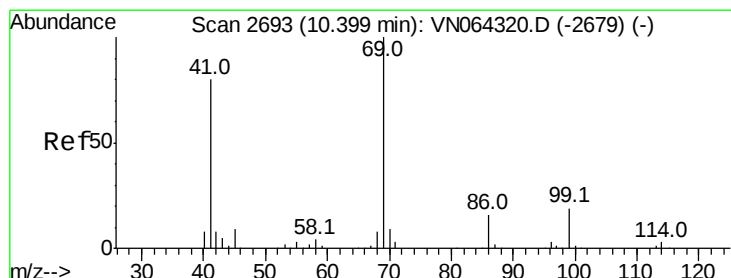
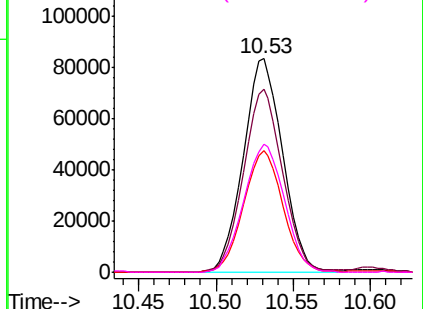
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.868 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

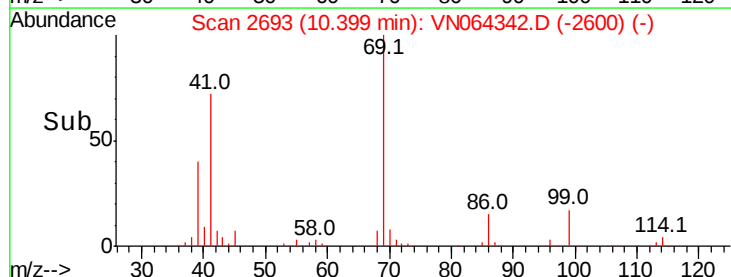
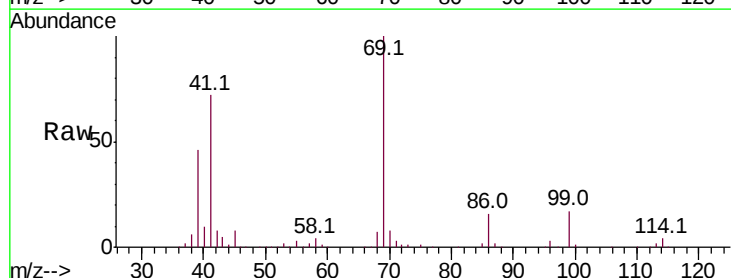
Tgt Ion: 69 Resp: 229876

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 73.2  | 61.4  | 92.2  |
| 39  | 44.4  | 36.5  | 54.7  |

69 100

41 73.2 61.4 92.2

39 44.4 36.5 54.7

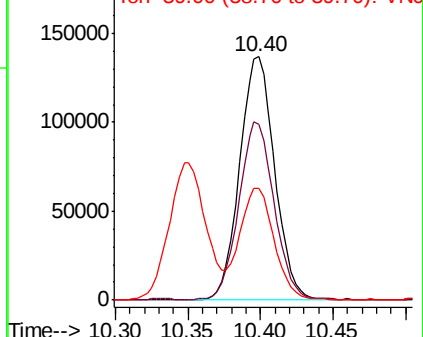


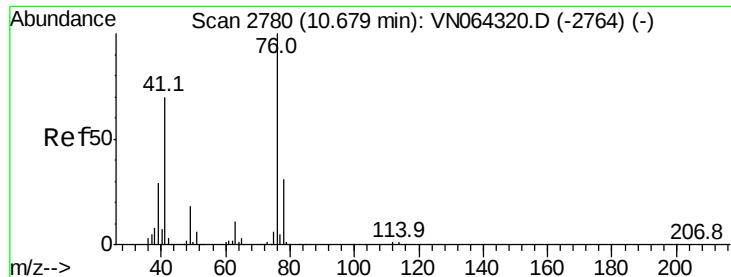
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.323 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

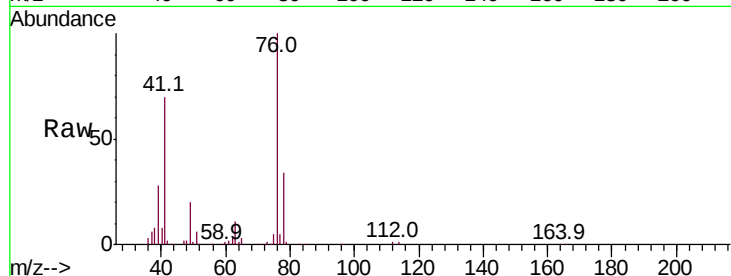
VSTDCCC050

Tot Ion: 76 Resp: 251322

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN064320.D (-2764) (-)

Ion 77.90 (77.60 to 78.60): VN064320.D (-2764) (-)

10.68

150000

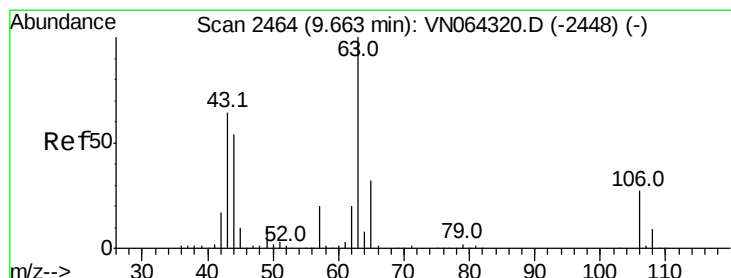
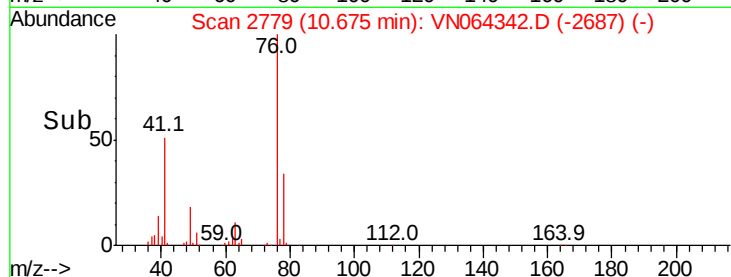
100000

50000

0

10.60 10.70 10.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 243.555 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN064342.D

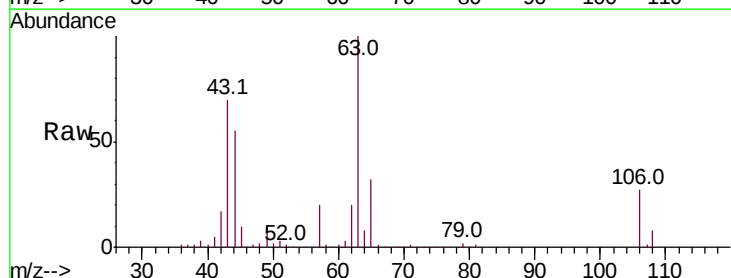
Acq: 28 Oct 2020 10:24

Tgt Ion: 63 Resp: 589024

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VN064320.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN064320.D (-2448) (-)

9.66

300000

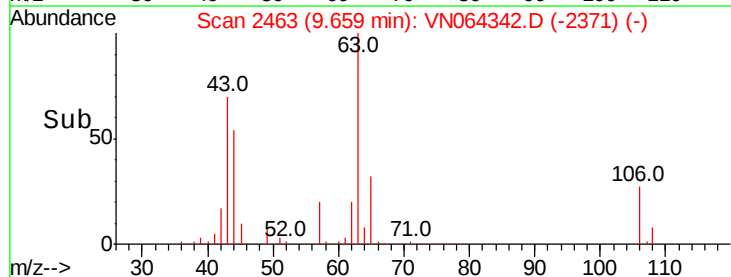
200000

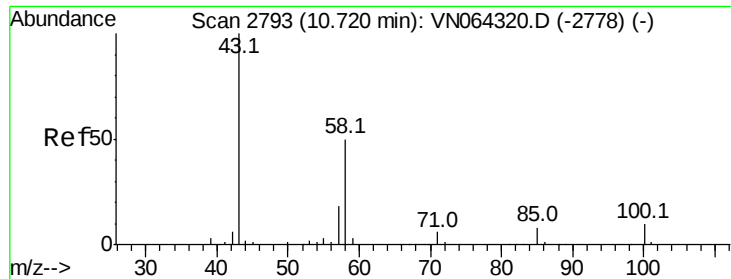
100000

0

9.60 9.65 9.70 9.75

Time-->





#59

2-Hexanone

Concen: 256.762 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

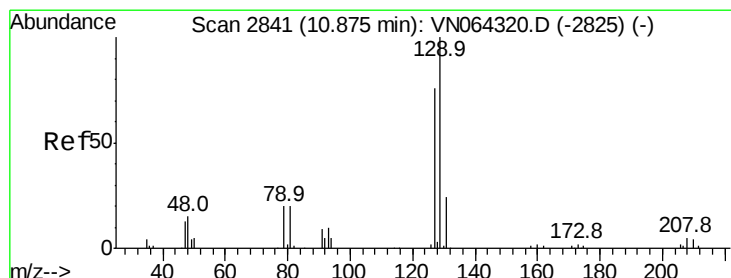
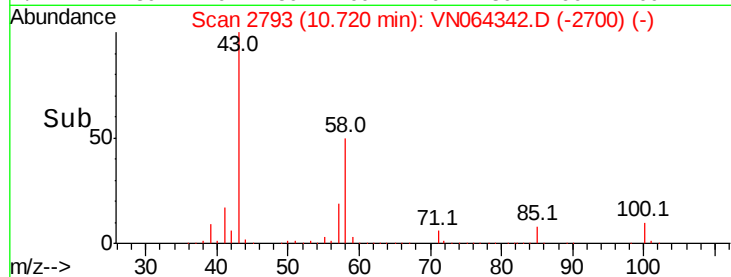
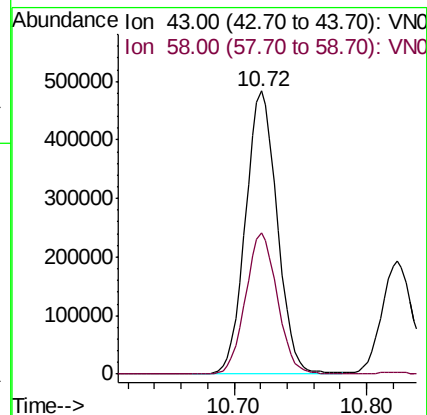
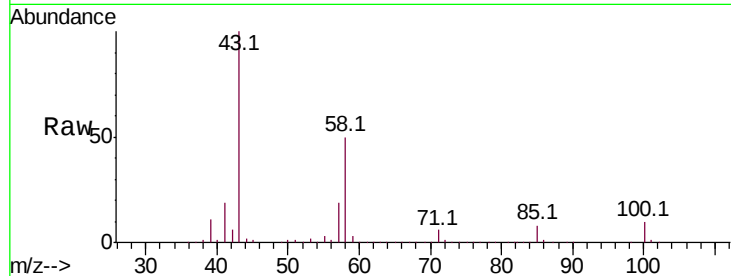
VSTDCCC050

Tot Ion: 43 Resp: 801479

Ion Ratio Lower Upper

43 100

58 49.9 25.0 75.0



#60

Dibromochloromethane

Concen: 51.912 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064342.D

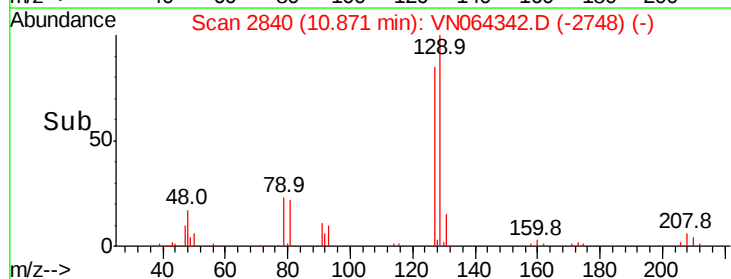
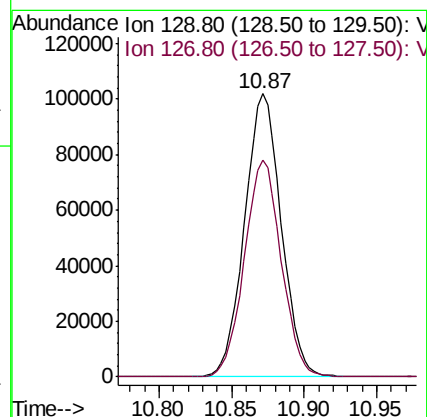
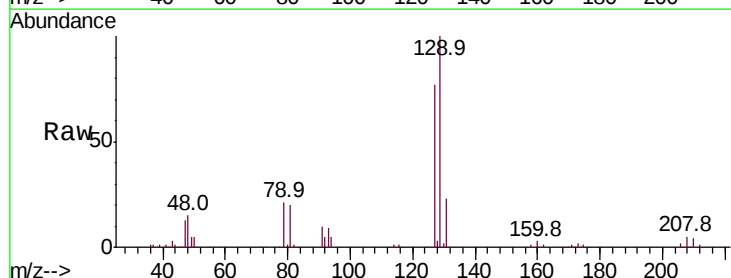
Acq: 28 Oct 2020 10:24

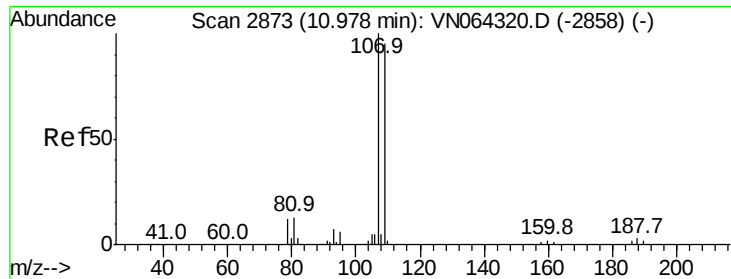
Tgt Ion: 129 Resp: 179699

Ion Ratio Lower Upper

129 100

127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.903 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

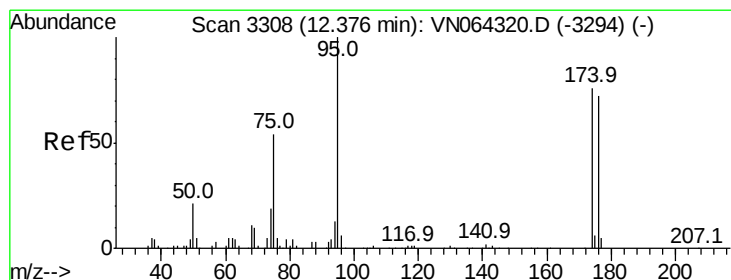
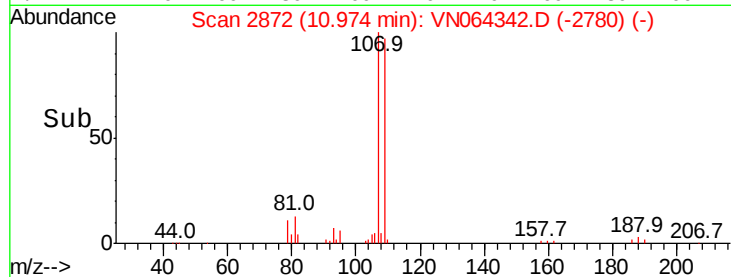
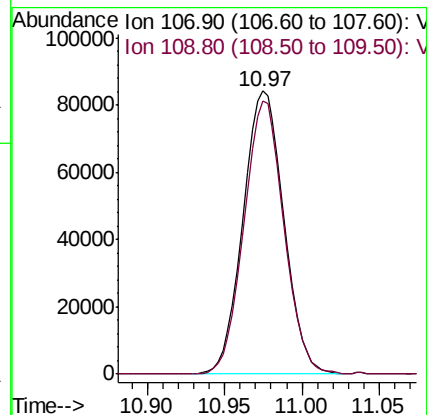
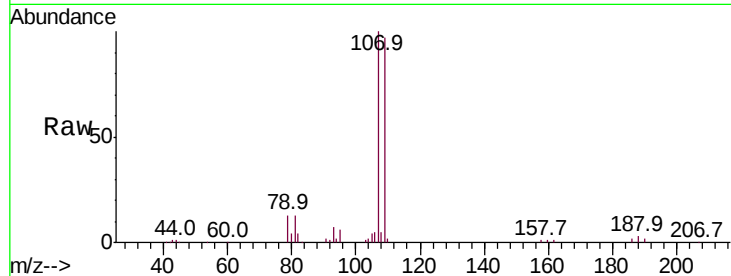
VSTDCCC050

Tot Ion:107 Resp: 154833

Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 48.764 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

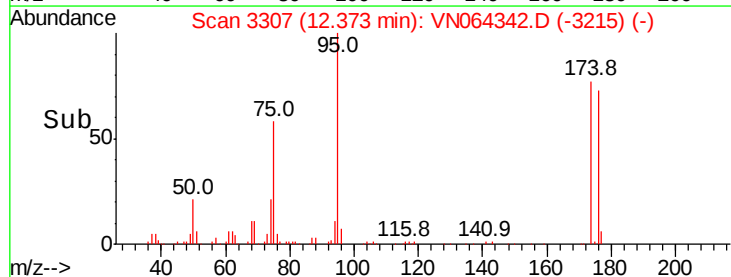
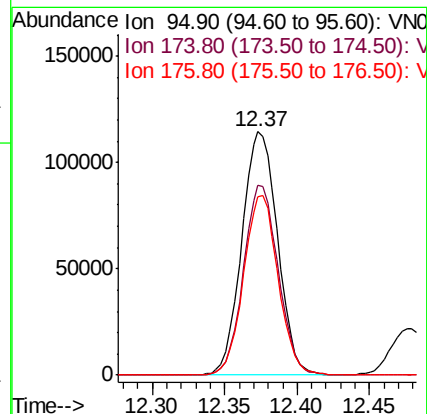
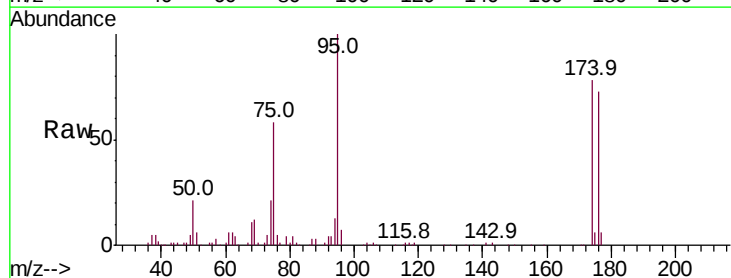
Tgt Ion: 95 Resp: 196224

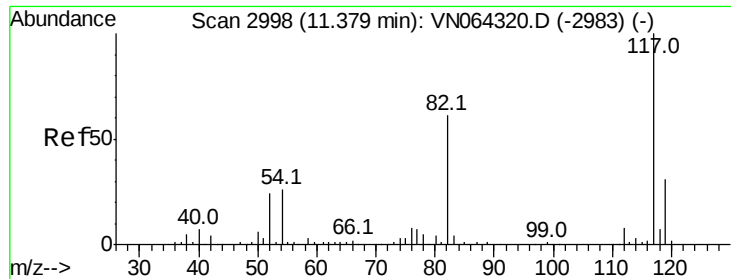
Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.4

176 71.5 0.0 143.6

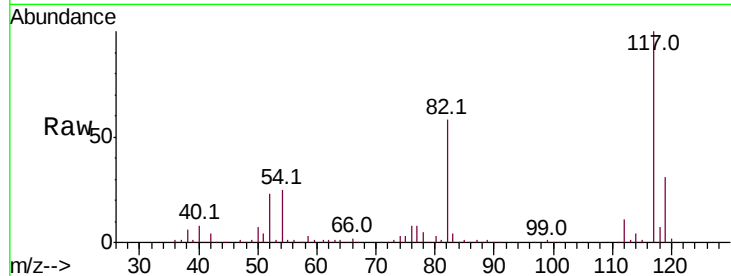




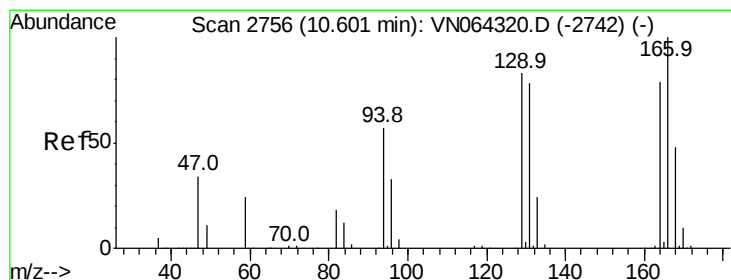
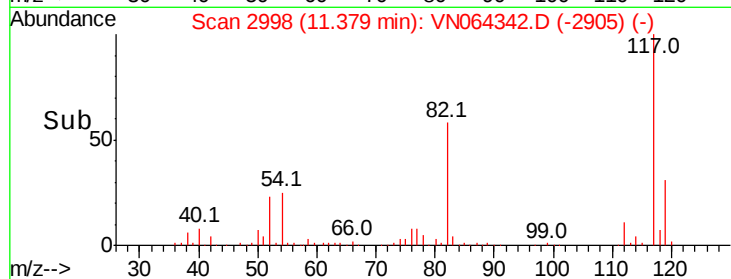
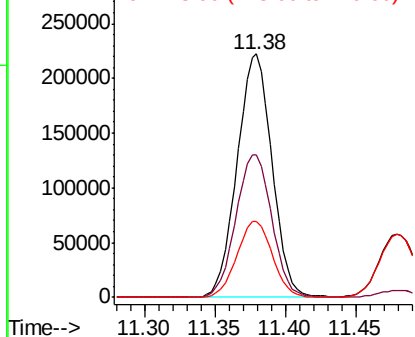
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:117 Resp: 386545  
Ion Ratio Lower Upper  
117 100  
82 58.5 48.8 73.2  
119 31.4 25.1 37.7

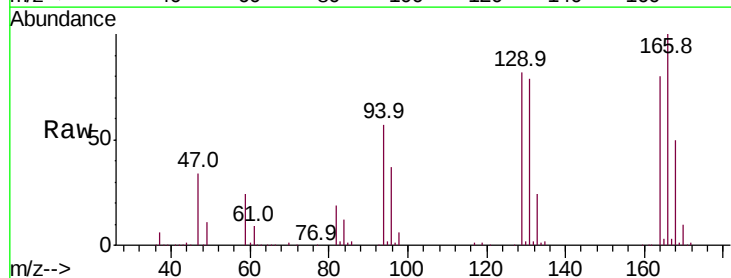


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

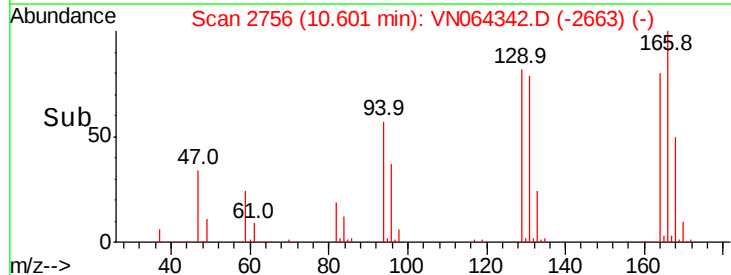
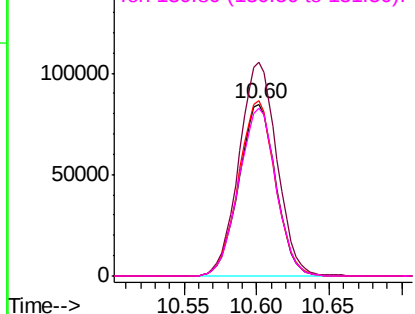


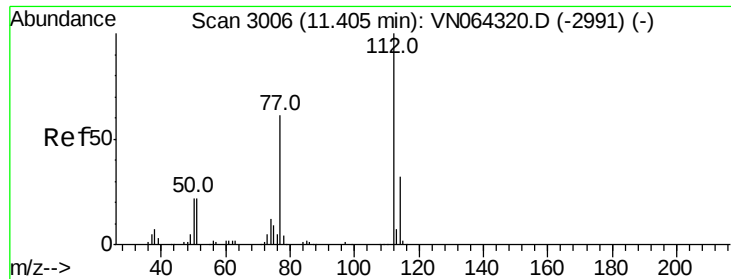
#64  
Tetrachloroethene  
Concen: 47.209 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Tgt Ion:164 Resp: 149982  
Ion Ratio Lower Upper  
164 100  
166 124.3 100.7 151.1  
129 102.3 83.7 125.5  
131 97.9 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

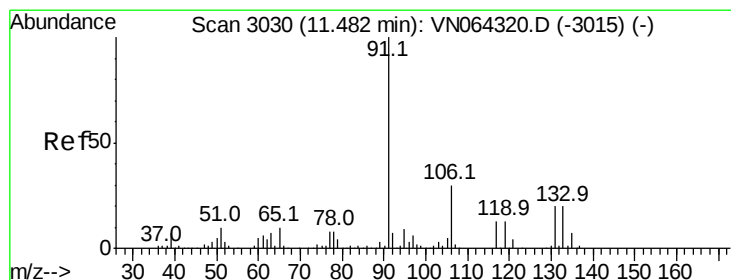
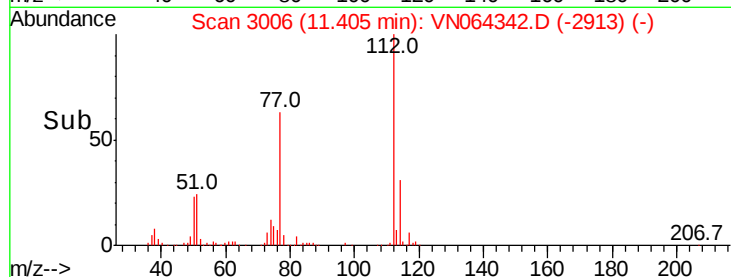
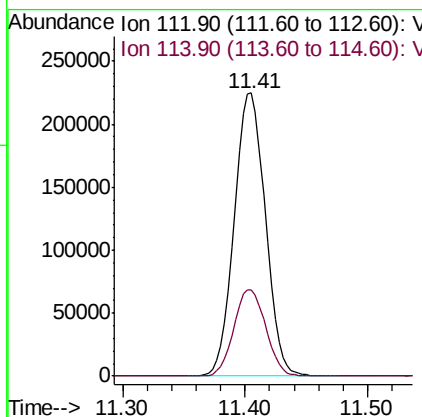
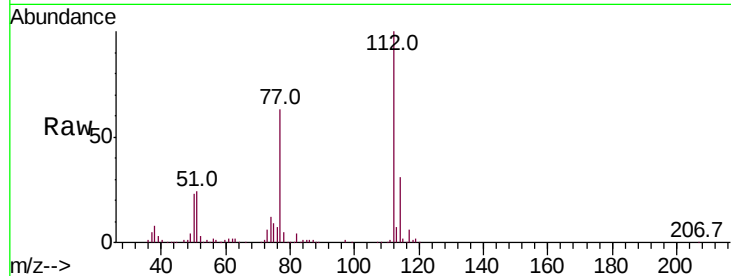




#65  
Chlorobenzene  
Concen: 50.656 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

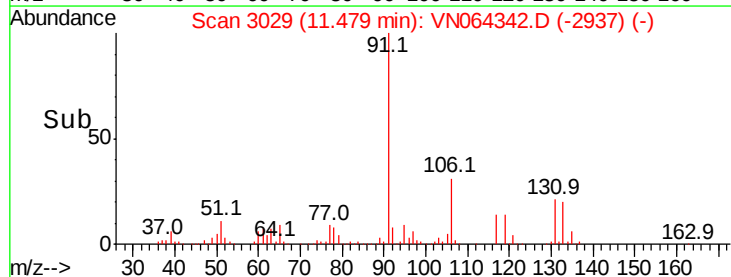
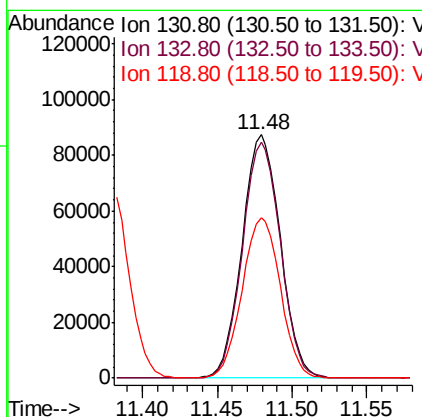
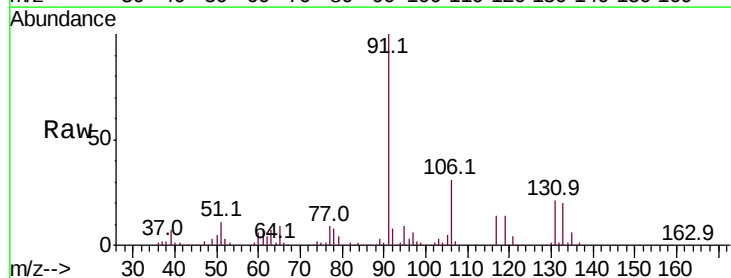
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

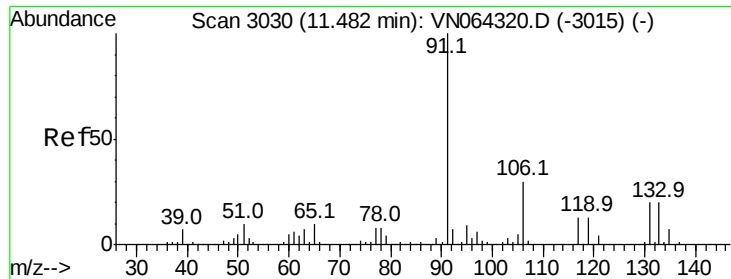
Tot Ion:112 Resp: 396973  
Ion Ratio Lower Upper  
112 100  
114 30.6 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.195 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Tgt Ion:131 Resp: 155820  
Ion Ratio Lower Upper  
131 100  
133 96.2 49.3 147.8  
119 65.8 32.3 96.9

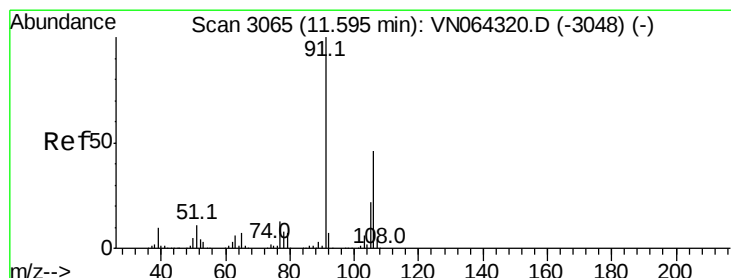
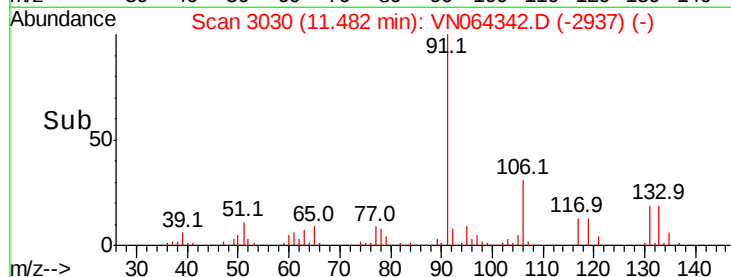
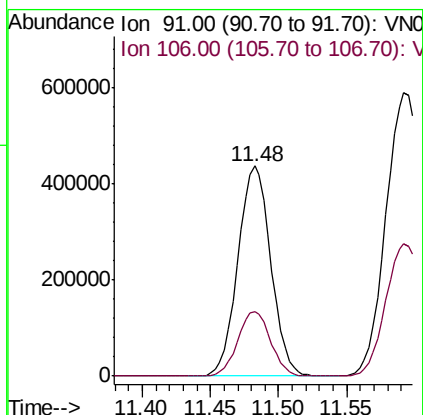
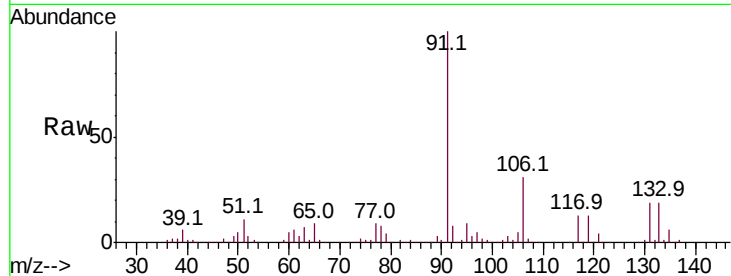




#67  
Ethyl Benzene  
Concen: 50.115 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

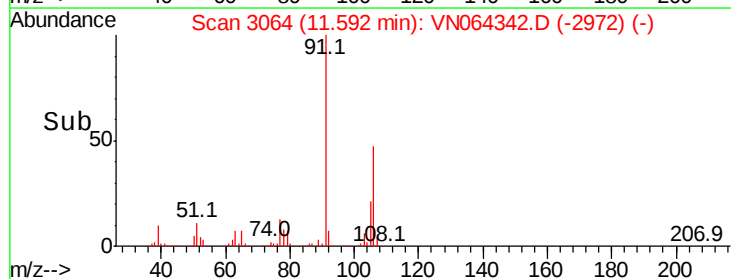
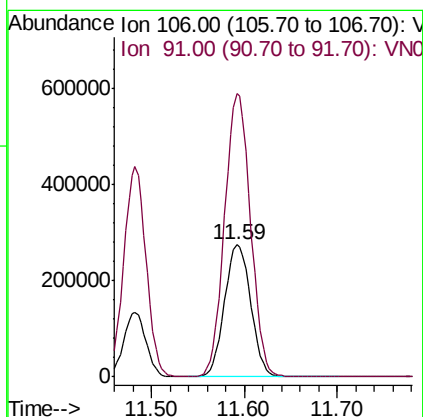
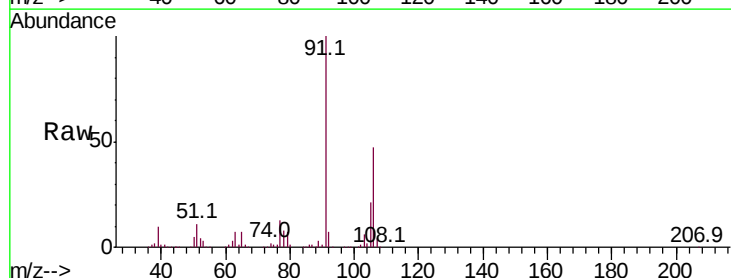
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

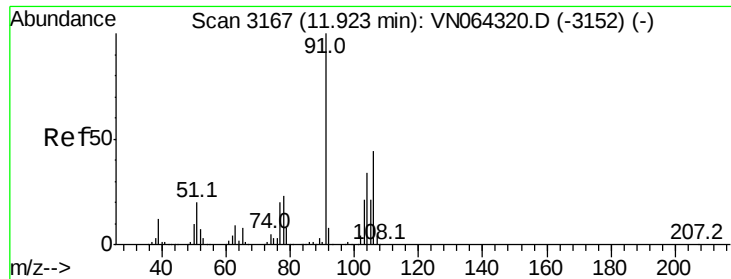
Tot Ion: 91 Resp: 730142  
Ion Ratio Lower Upper  
91 100  
106 31.0 23.7 35.5



#68  
m/p-Xylenes  
Concen: 99.955 ug/l  
RT: 11.59 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Tgt Ion: 106 Resp: 539682  
Ion Ratio Lower Upper  
106 100  
91 210.9 170.2 255.4

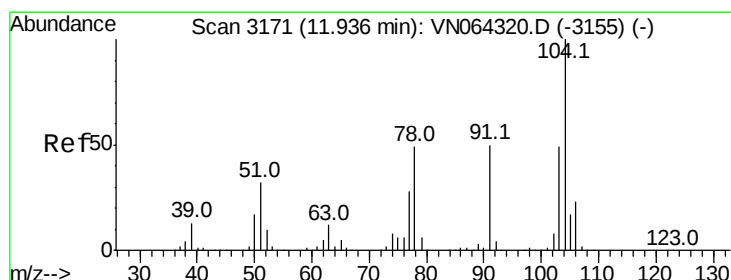
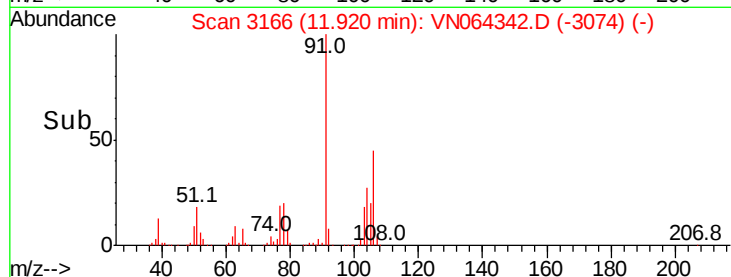
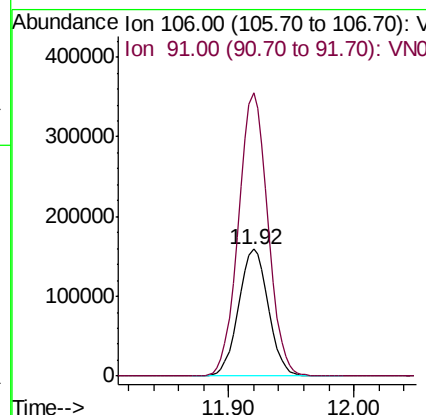
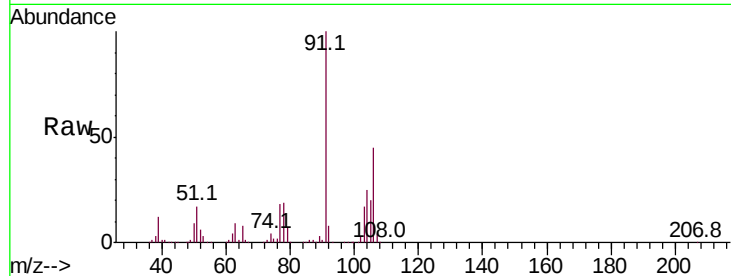




#69  
o-Xylene  
Concen: 50.438 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

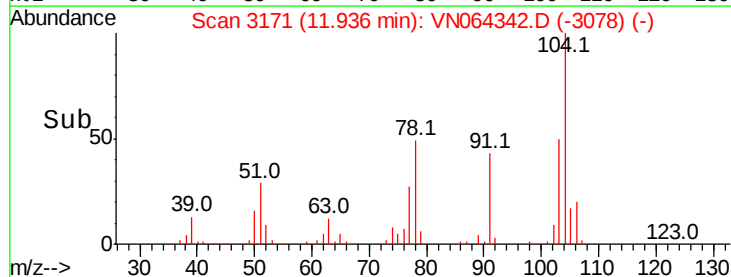
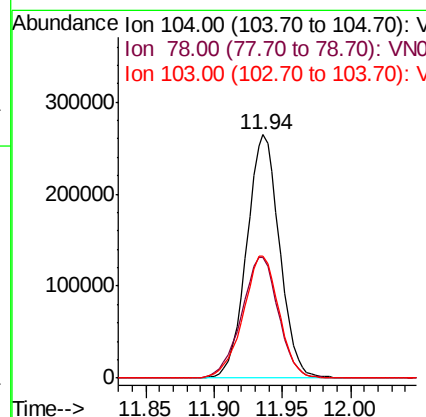
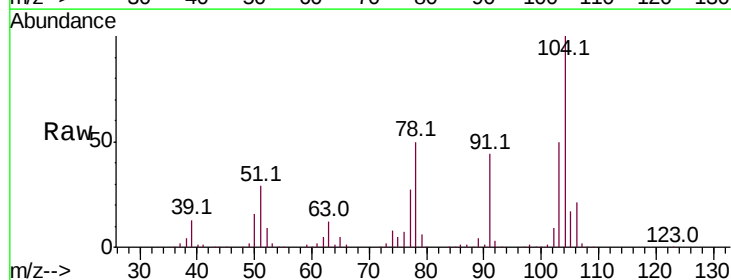
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

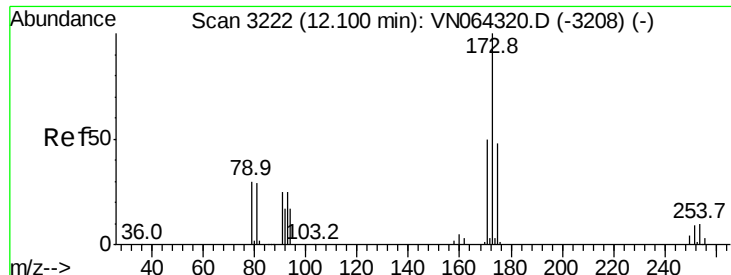
Tot Ion:106 Resp: 262364  
Ion Ratio Lower Upper  
106 100  
91 220.8 114.5 343.5



#70  
Styrene  
Concen: 51.759 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Tgt Ion:104 Resp: 441440  
Ion Ratio Lower Upper  
104 100  
78 55.7 43.7 65.5  
103 54.8 43.3 64.9

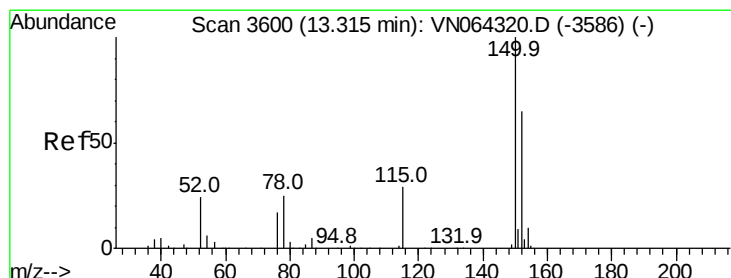
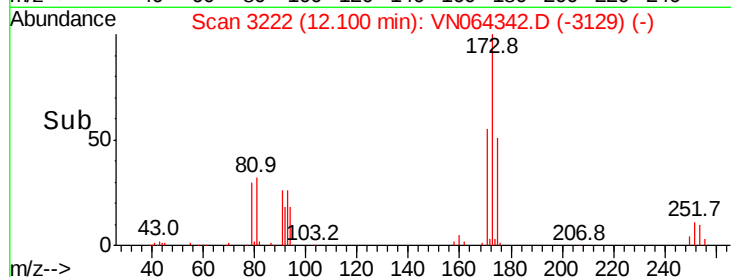
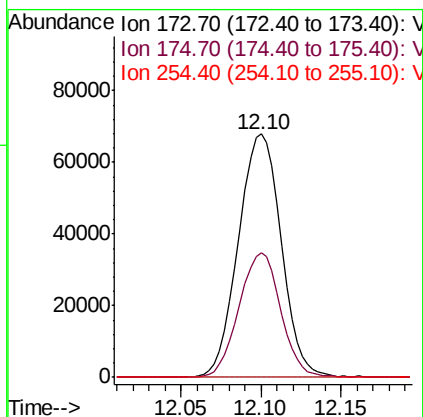
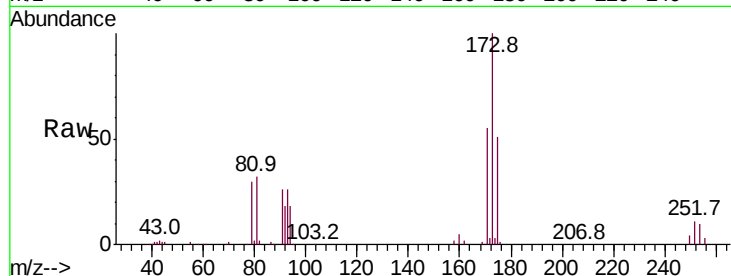




#71  
Bromoform  
Concen: 50.034 ug/l  
RT: 12.10 min Scan# 3222  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

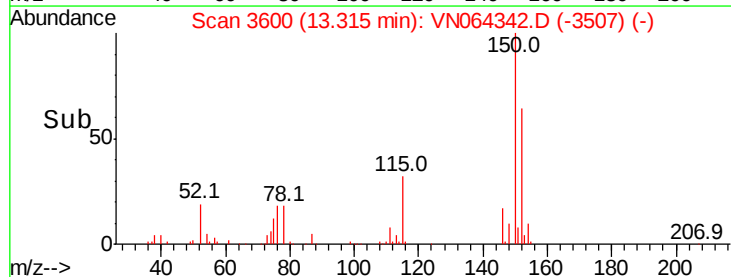
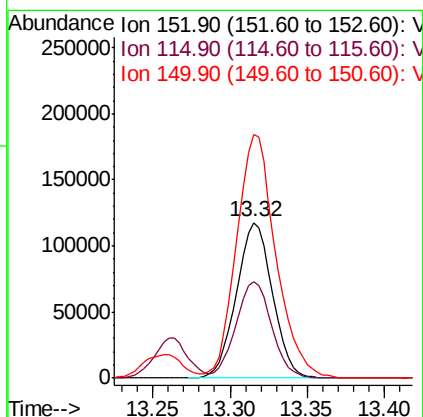
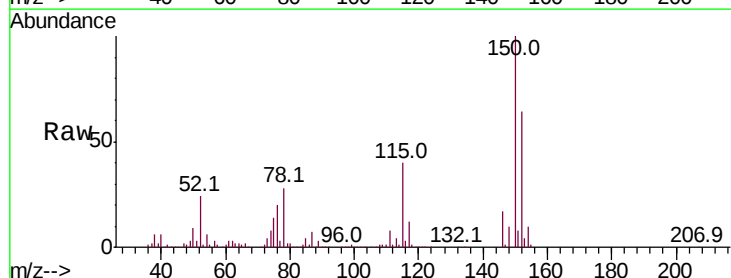
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

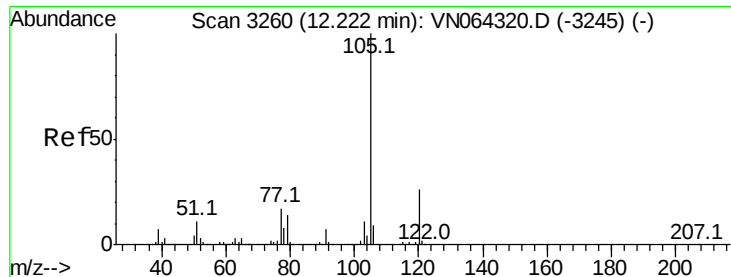
Tot Ion:173 Resp: 124382  
Ion Ratio Lower Upper  
173 100  
175 49.7 25.4 76.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3600  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Tgt Ion:152 Resp: 190617  
Ion Ratio Lower Upper  
152 100  
115 61.5 31.5 94.5  
150 170.6 0.0 346.2





#73

Isopropylbenzene

Concen: 48.588 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

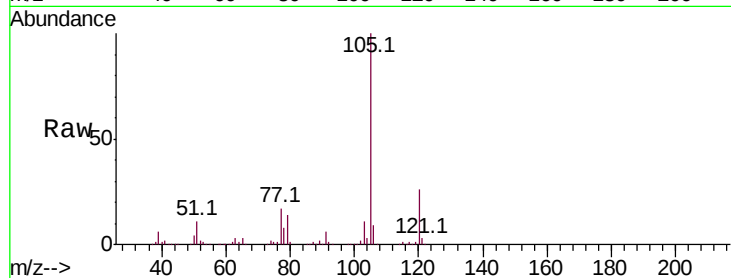
VSTDCCC050

Tot Ion:105 Resp: 693674

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

400000

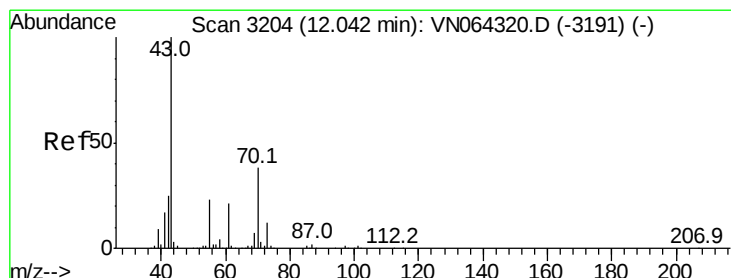
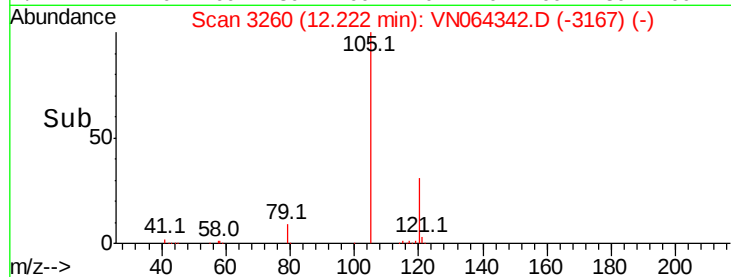
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 50.676 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion: 43 Resp: 318446

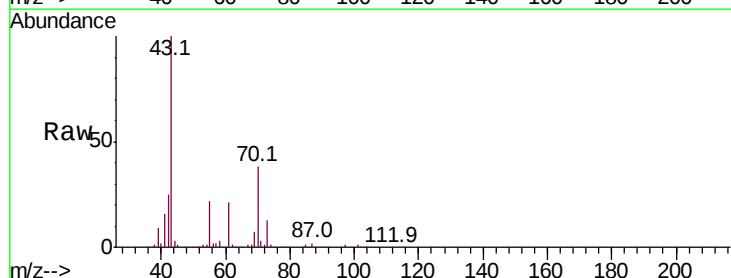
Ion Ratio Lower Upper

43 100

70 38.4 30.6 45.8

55 22.5 18.2 27.4

61 21.4 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

250000

200000

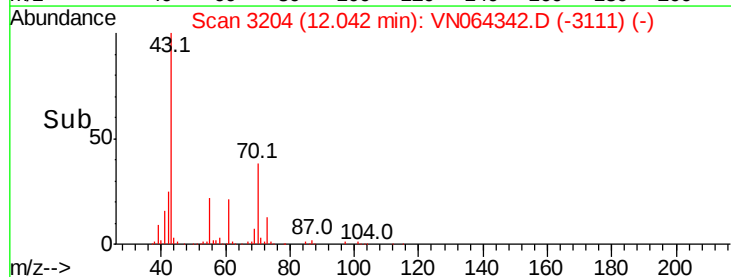
150000

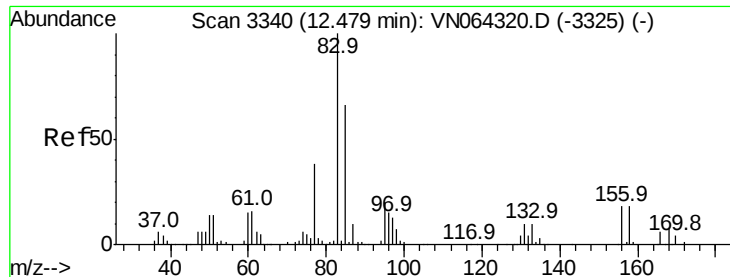
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.434 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

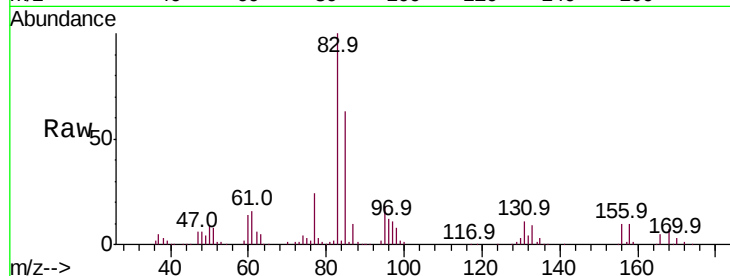
Tot Ion: 83 Resp: 200993

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

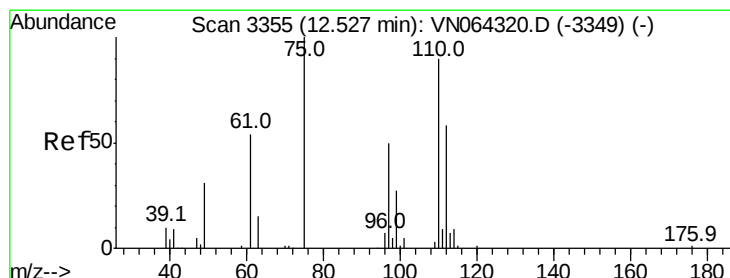
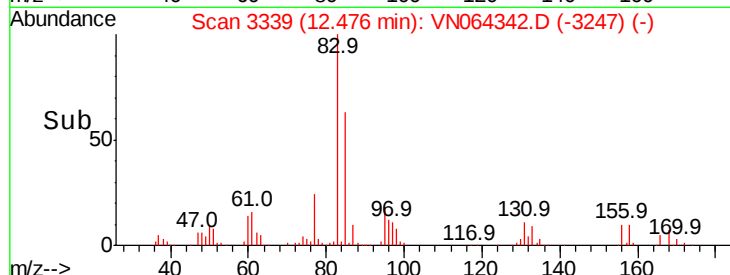
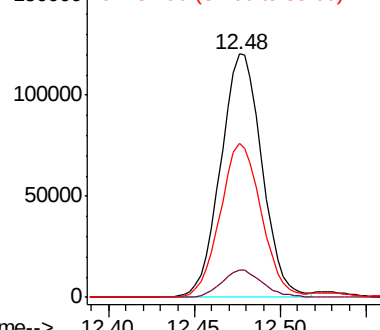
85 62.9 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 65.430 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064342.D

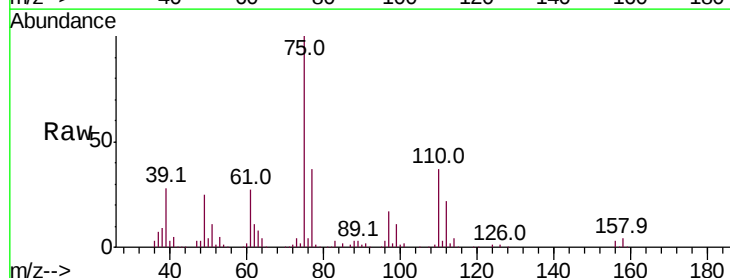
Acq: 28 Oct 2020 10:24

Tgt Ion: 75 Resp: 298674

Ion Ratio Lower Upper

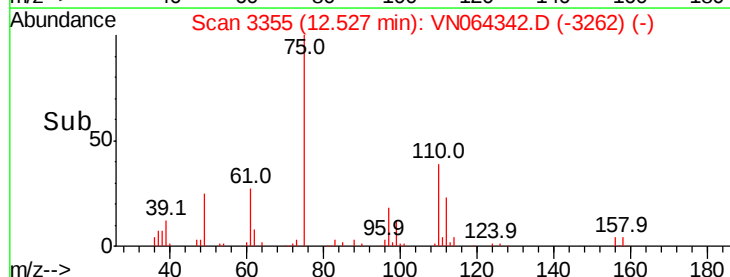
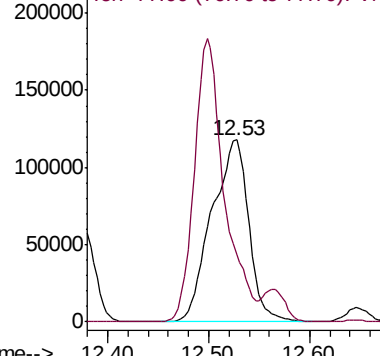
75 100

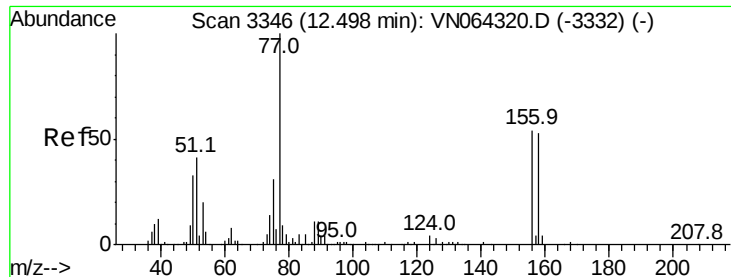
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.265 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

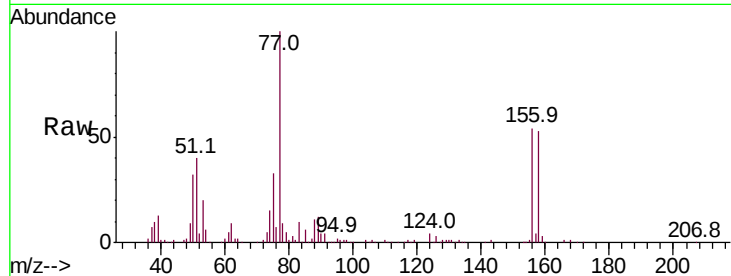
Tot Ion:156 Resp: 168732

Ion Ratio Lower Upper

156 100

77 224.3 111.9 335.7

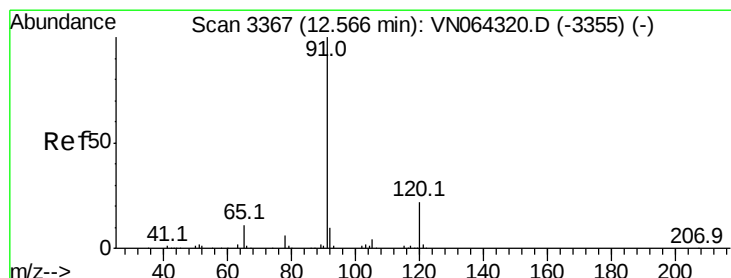
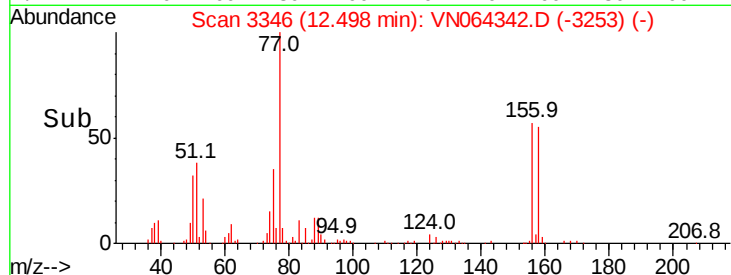
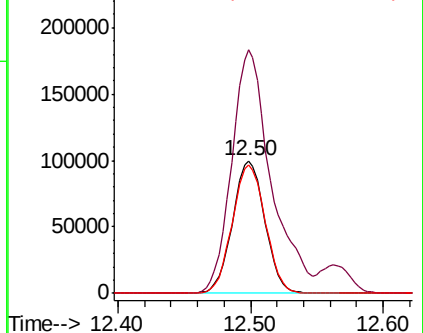
158 99.1 49.0 147.0



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: 50.086 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064342.D

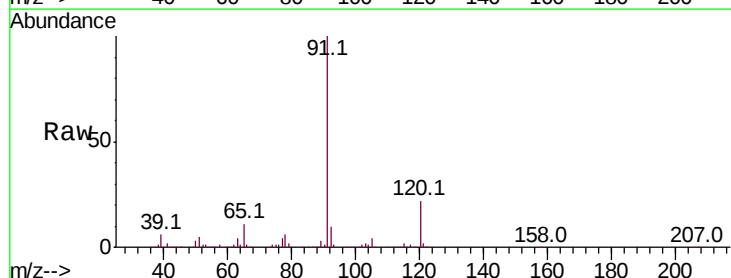
Acq: 28 Oct 2020 10:24

Tgt Ion: 91 Resp: 809545

Ion Ratio Lower Upper

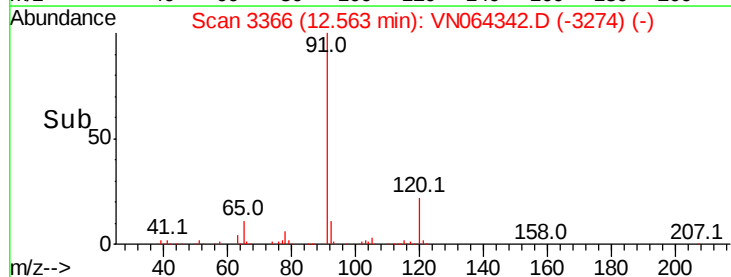
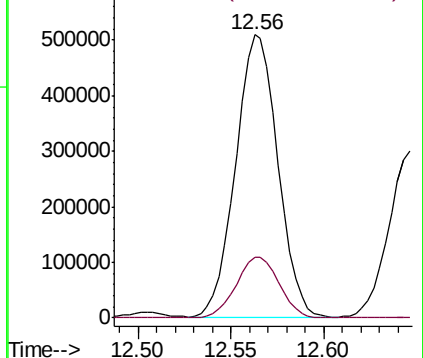
91 100

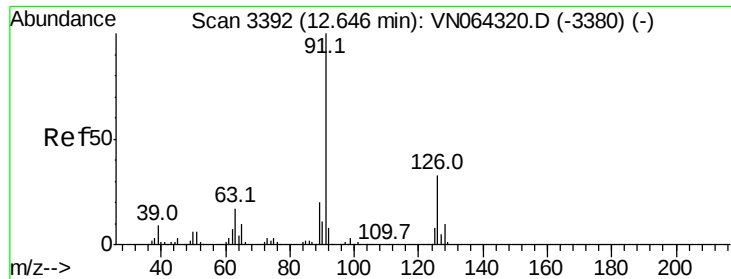
120 21.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.802 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

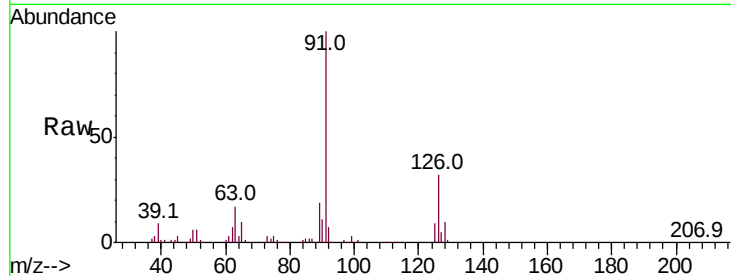
VSTDCCC050

Tot Ion: 91 Resp: 493907

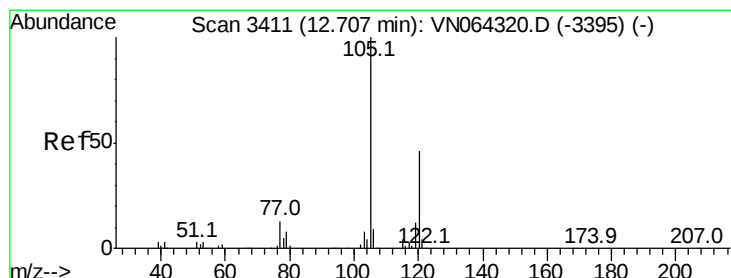
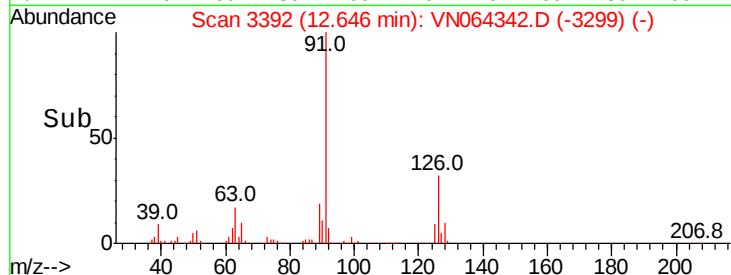
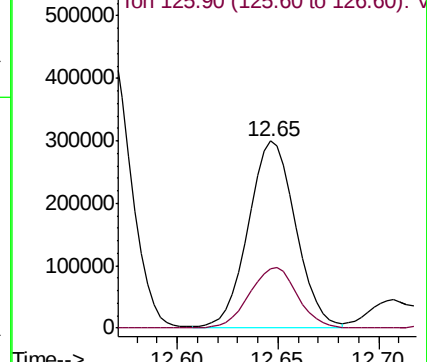
Ion Ratio Lower Upper

91 100

126 32.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.977 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064342.D

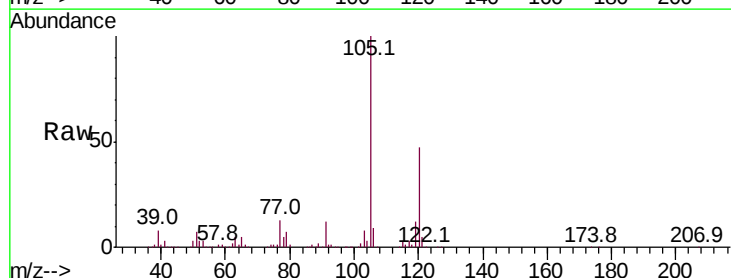
Acq: 28 Oct 2020 10:24

Tgt Ion: 105 Resp: 591651

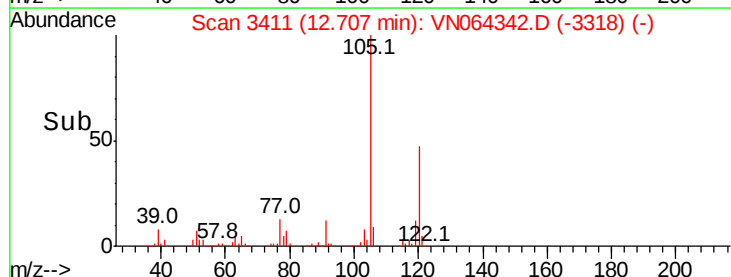
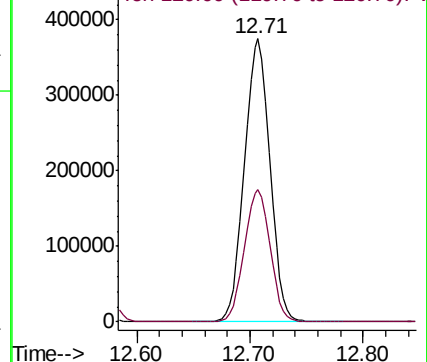
Ion Ratio Lower Upper

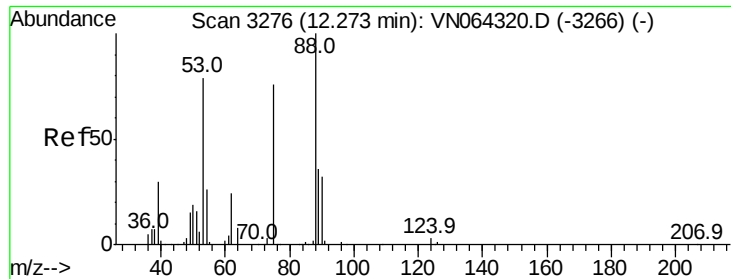
105 100

120 47.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064320.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.321 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

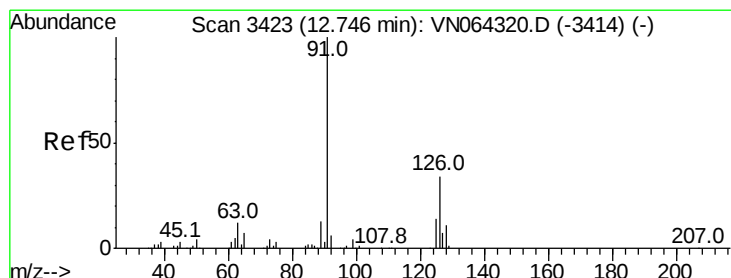
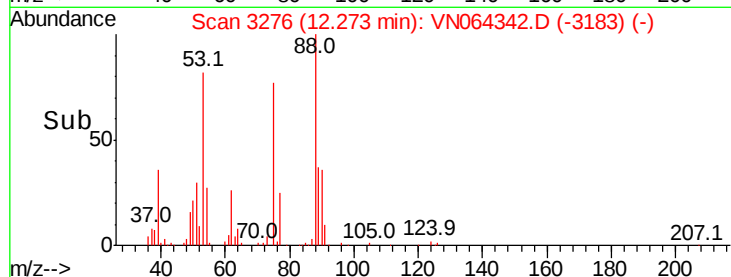
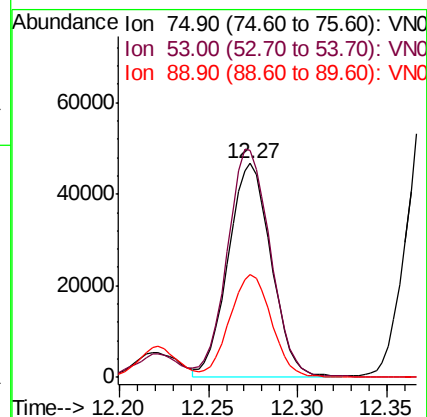
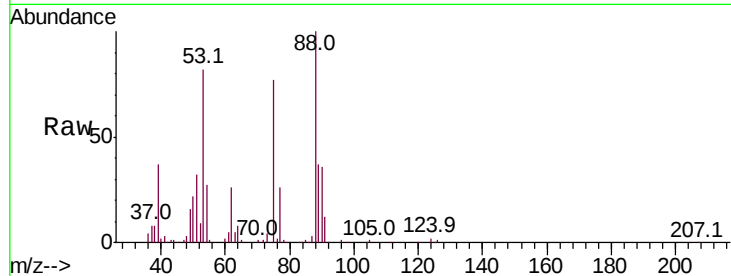
Tot Ion: 75 Resp: 78159

Ion Ratio Lower Upper

75 100

53 105.5 81.8 122.8

89 46.9 39.9 59.9



#82

4-Chlorotoluene

Concen: 49.687 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064342.D

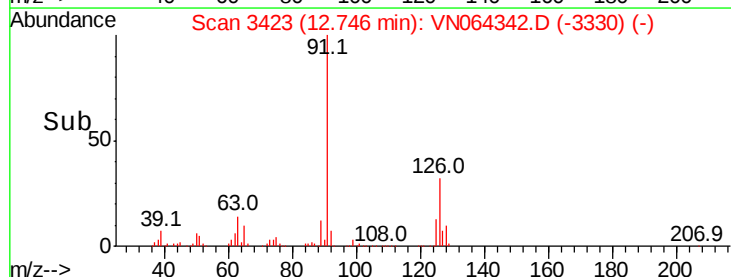
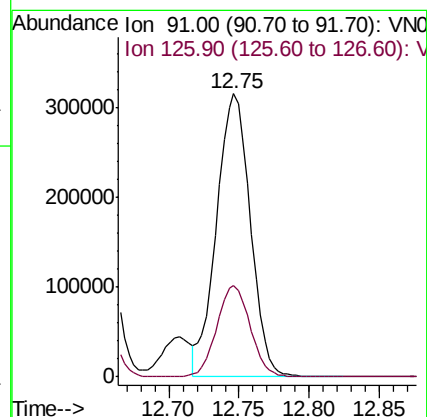
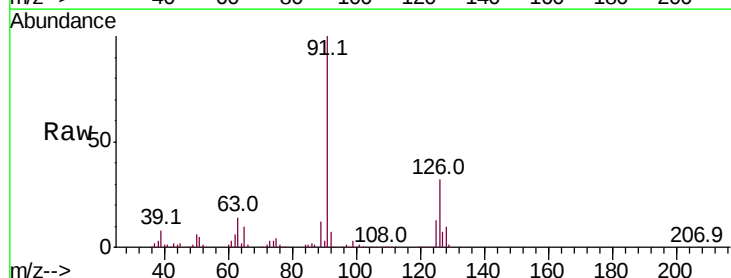
Acq: 28 Oct 2020 10:24

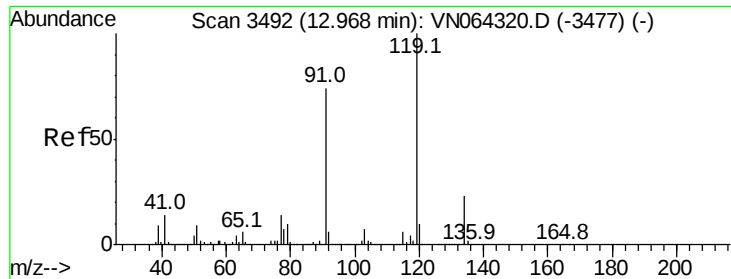
Tgt Ion: 91 Resp: 522996

Ion Ratio Lower Upper

91 100

126 31.9 15.8 47.3





#83

tert-Butylbenzene

Concen: 48.818 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

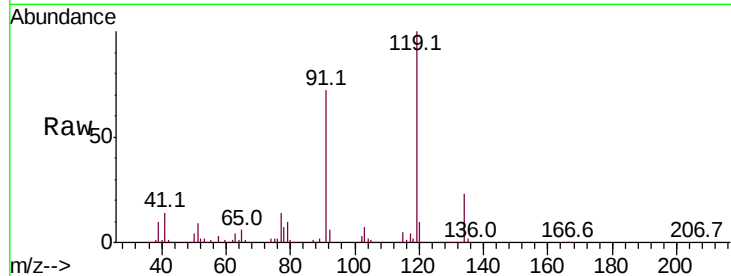
Tot Ion:119 Resp: 483920

Ion Ratio Lower Upper

119 100

91 71.1 36.4 109.1

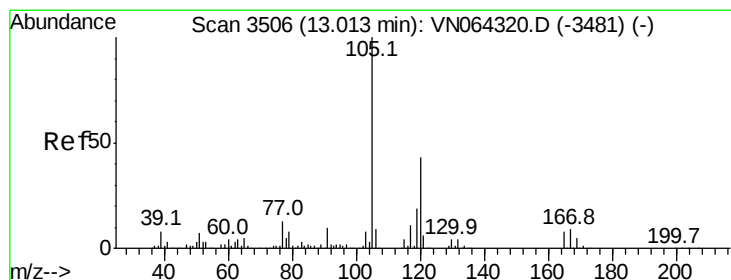
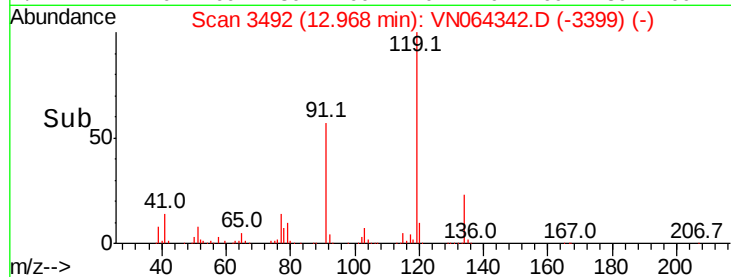
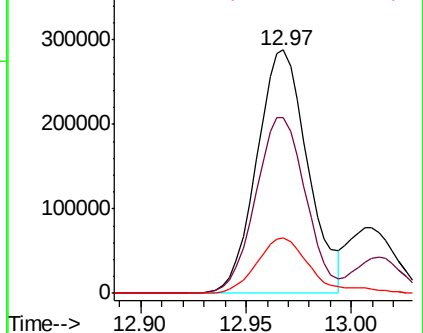
134 24.4 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.086 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN064342.D

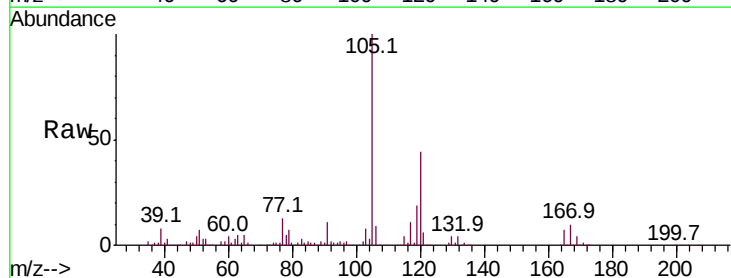
Acq: 28 Oct 2020 10:24

Tgt Ion:105 Resp: 604567

Ion Ratio Lower Upper

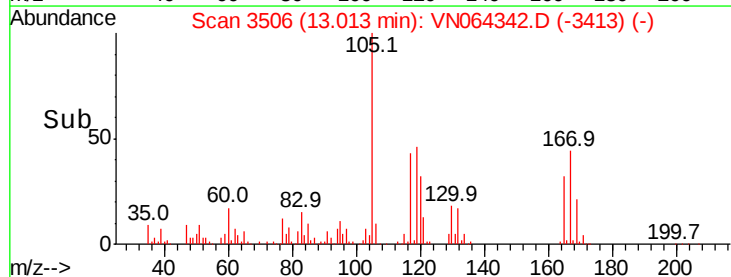
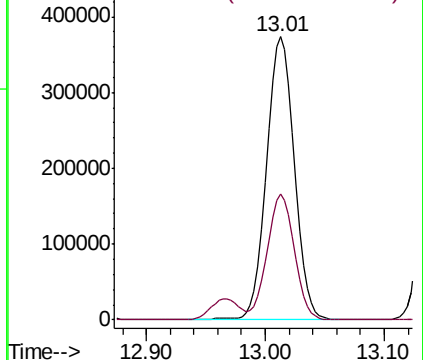
105 100

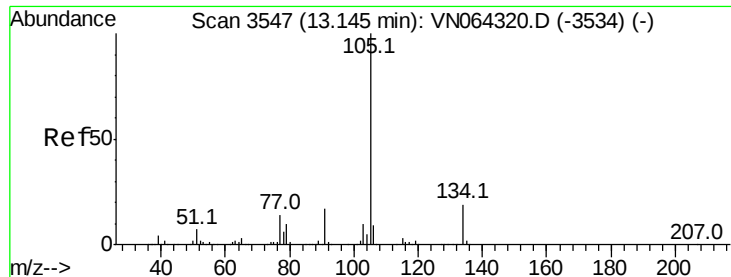
120 43.5 21.3 64.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

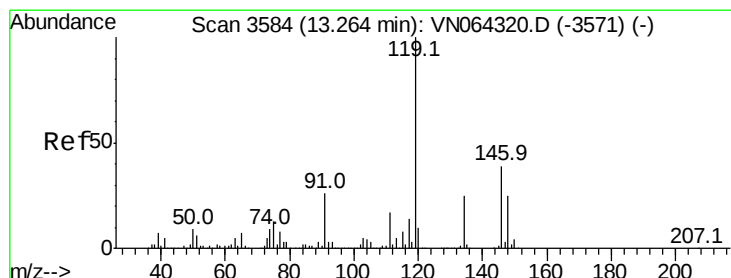
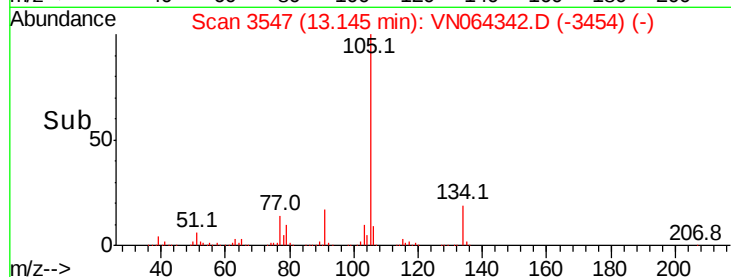
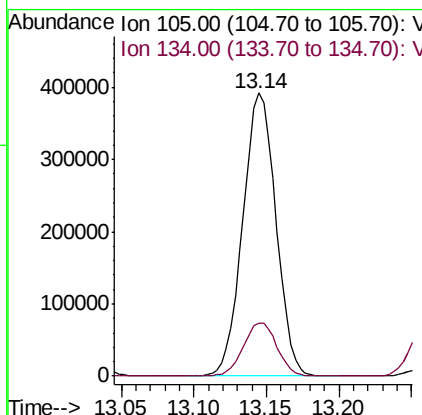
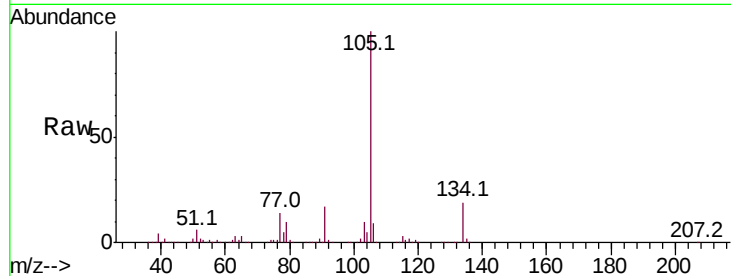




#85  
 sec-Butylbenzene  
 Concen: 48.544 ug/l  
 RT: 13.14 min Scan# 3547  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

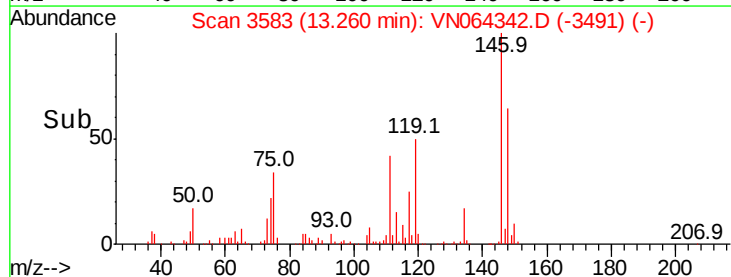
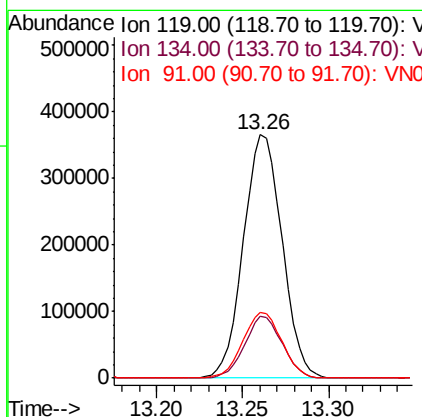
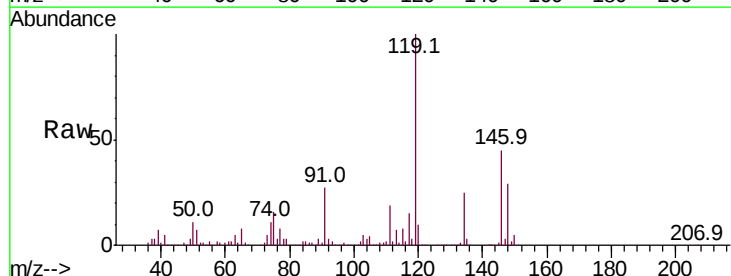
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

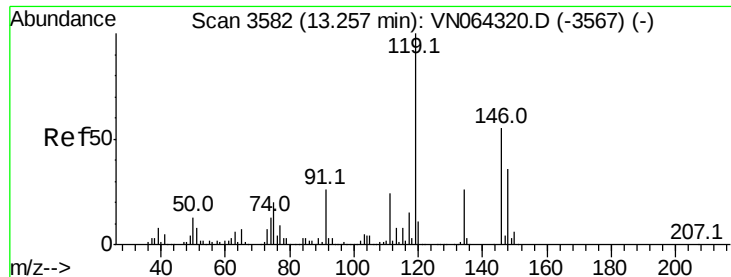
Tot Ion:105 Resp: 622709  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.6 28.8



#86  
 p-Isopropyltoluene  
 Concen: 49.420 ug/l  
 RT: 13.26 min Scan# 3583  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

Tgt Ion:119 Resp: 571127  
 Ion Ratio Lower Upper  
 119 100  
 134 24.7 12.8 38.4  
 91 26.9 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 49.850 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

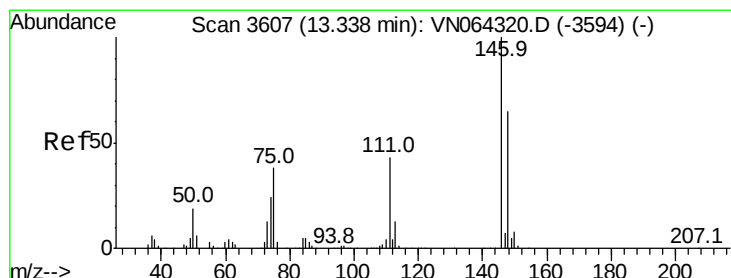
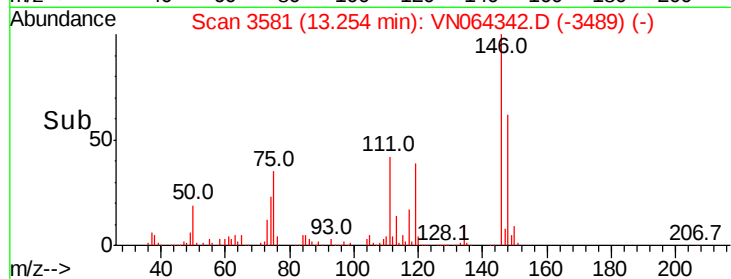
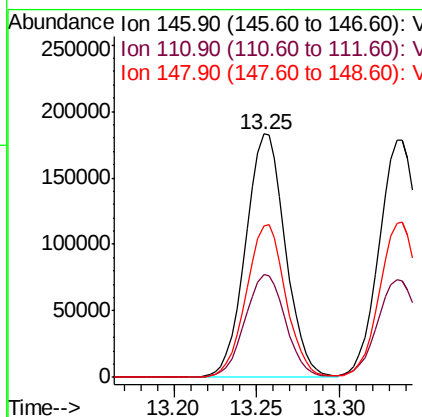
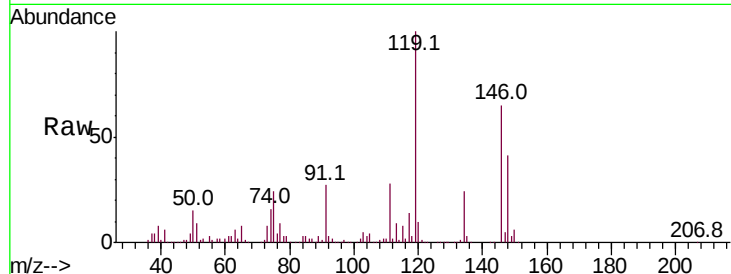
Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:146 Resp: 305087

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 43.0  | 21.9  | 65.5  |
| 148 | 62.3  | 32.6  | 98.0  |



#88

1,4-Dichlorobenzene

Concen: 48.065 ug/l

RT: 13.33 min Scan# 3606

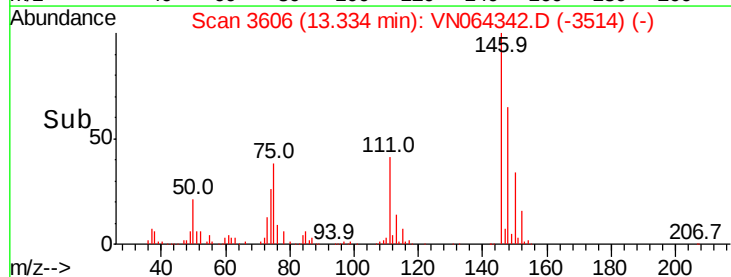
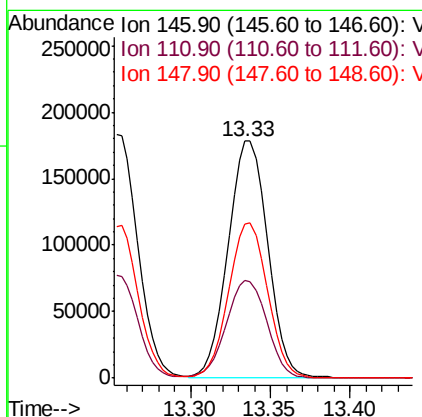
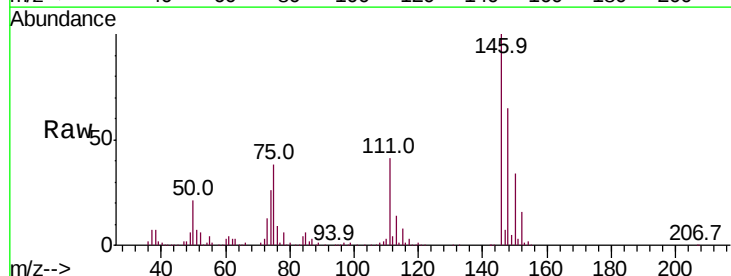
Delta R.T. -0.00 min

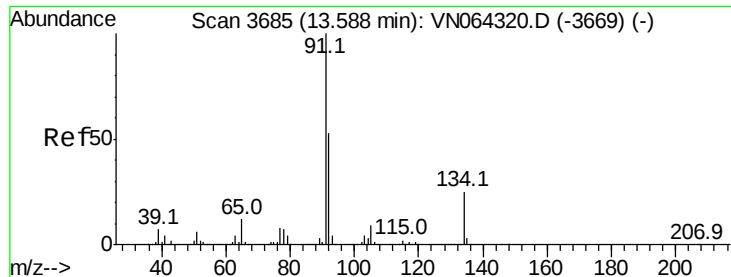
Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion:146 Resp: 299611

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 42.7  | 21.8  | 65.4  |
| 148 | 64.5  | 31.8  | 95.3  |

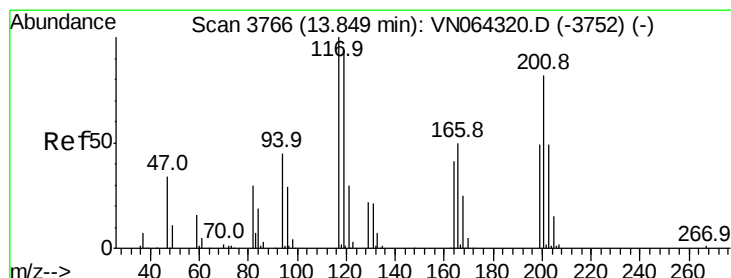
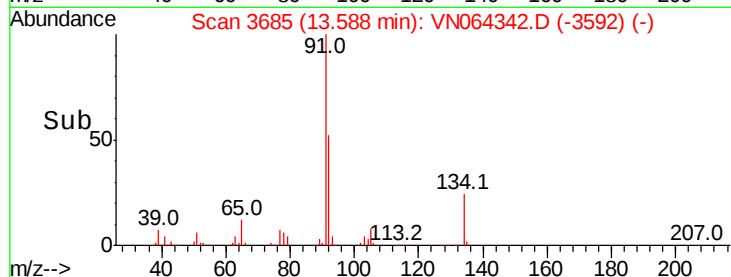
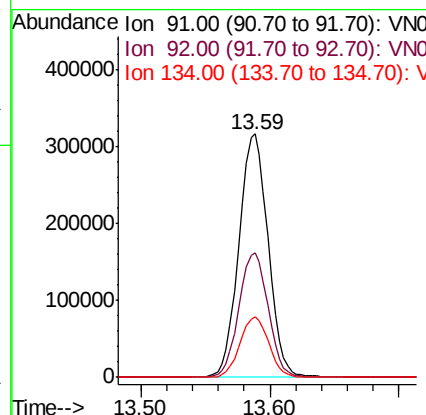
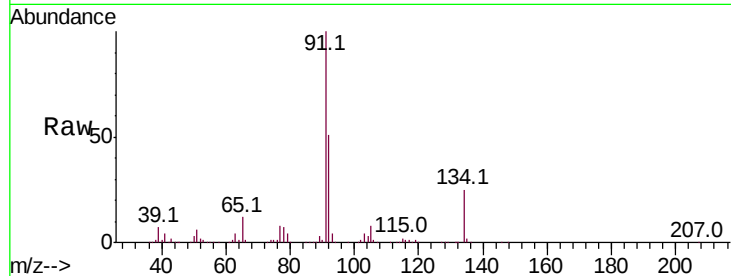




#89  
n-Butylbenzene  
Concen: 48.984 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

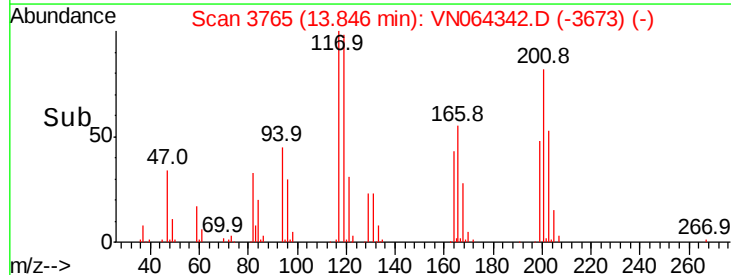
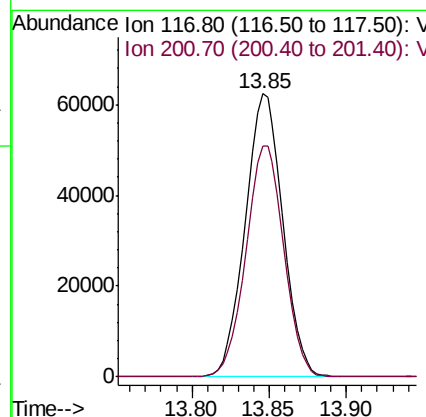
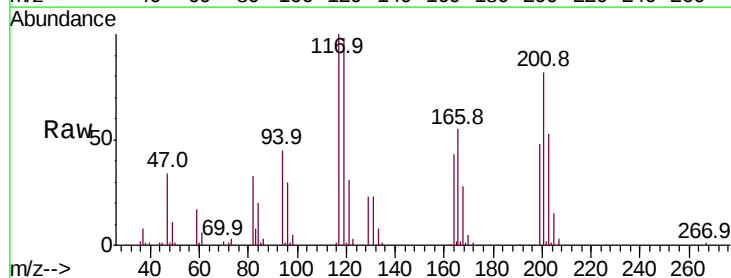
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

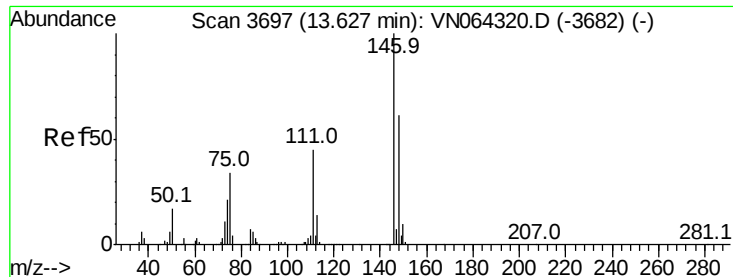
Tot Ion: 91 Resp: 498702  
Ion Ratio Lower Upper  
91 100  
92 51.4 26.2 78.5  
134 24.4 12.4 37.4



#90  
Hexachloroethane  
Concen: 48.716 ug/l  
RT: 13.85 min Scan# 3765  
Delta R.T. -0.00 min  
Lab File: VN064342.D  
Acq: 28 Oct 2020 10:24

Tgt Ion: 117 Resp: 105732  
Ion Ratio Lower Upper  
117 100  
201 82.0 39.8 119.3

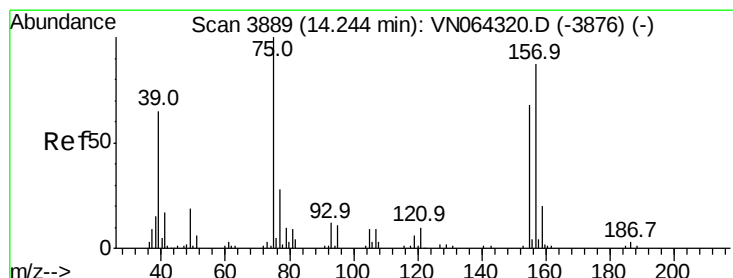
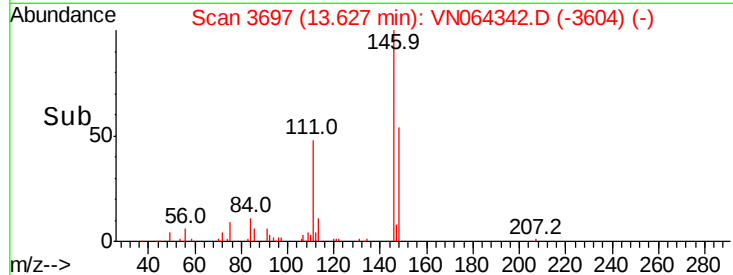
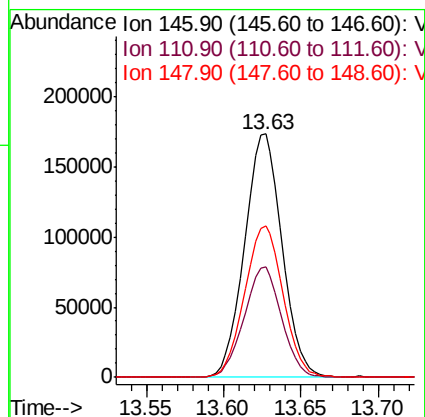
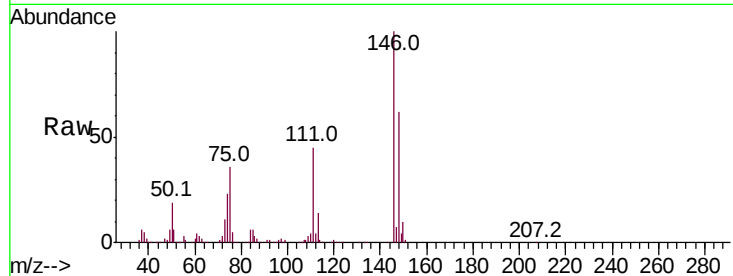




#91  
 1,2-Dichlorobenzene  
 Concen: 48.142 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

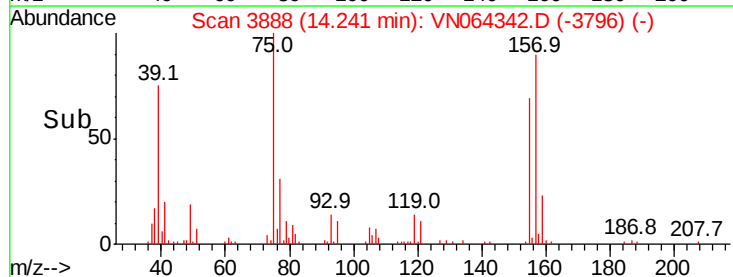
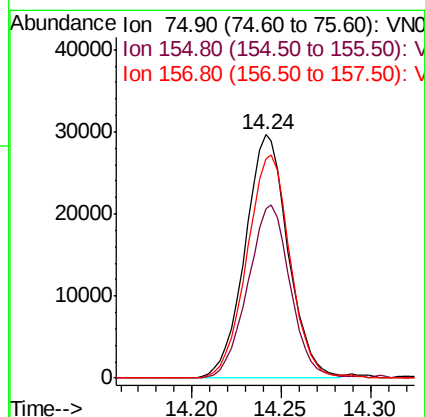
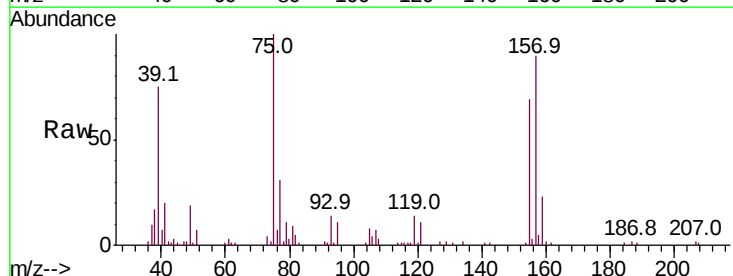
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

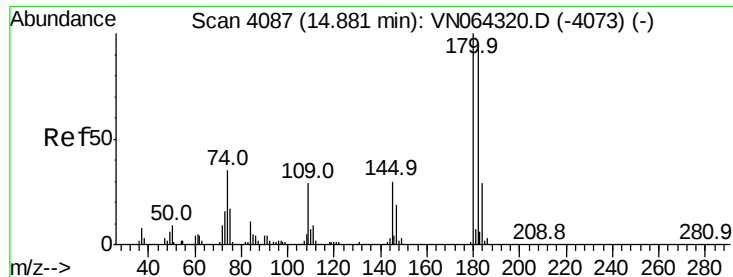
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 45.3  | 23.0  | 69.0  |
| 148     | 64.0  | 32.1  | 96.3  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.510 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 70.3  | 35.1  | 105.5 |
| 157     | 92.1  | 43.2  | 129.6 |

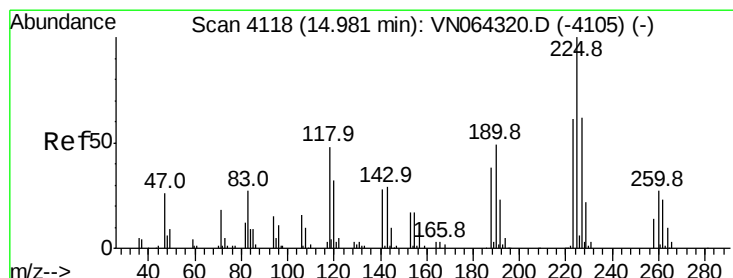
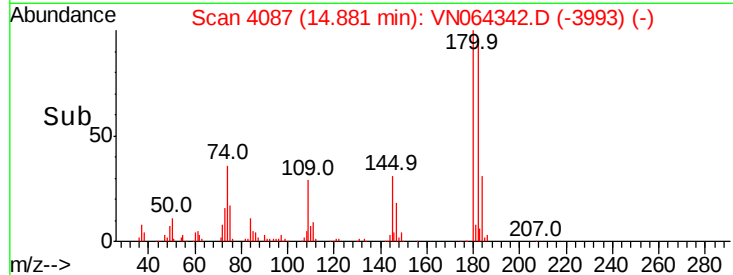
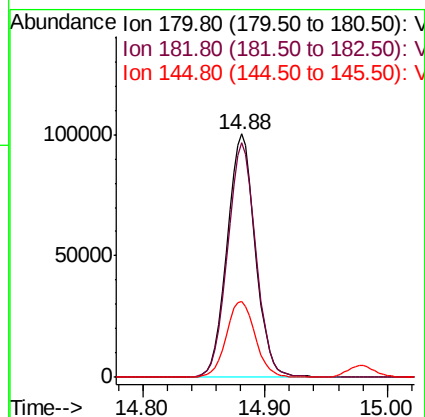
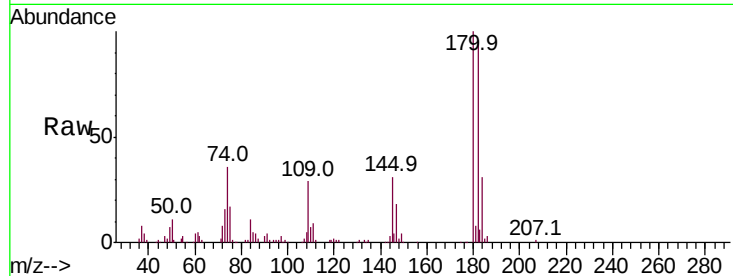




#93  
 1,2,4-Trichlorobenzene  
 Concen: 46.643 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

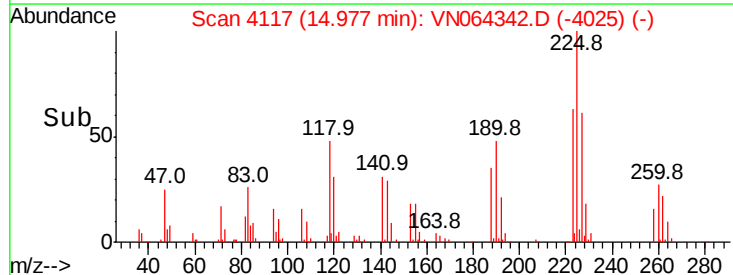
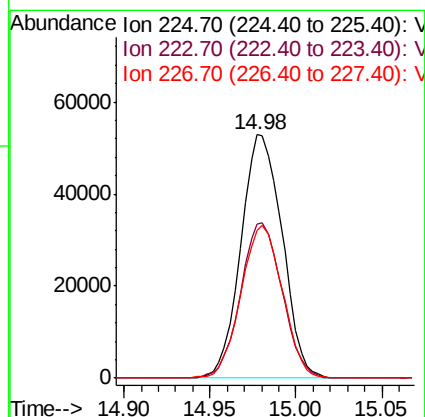
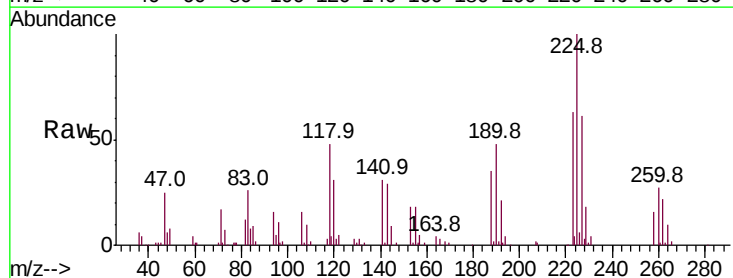
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

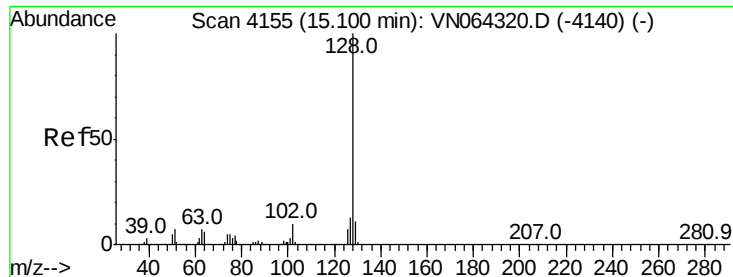
Tot Ion:180 Resp: 162617  
 Ion Ratio Lower Upper  
 180 100  
 182 96.4 46.6 139.7  
 145 32.1 15.3 45.9



#94  
 Hexachlorobutadiene  
 Concen: 47.245 ug/l  
 RT: 14.98 min Scan# 4117  
 Delta R.T. -0.00 min  
 Lab File: VN064342.D  
 Acq: 28 Oct 2020 10:24

Tgt Ion:225 Resp: 88216  
 Ion Ratio Lower Upper  
 225 100  
 223 64.2 31.3 93.8  
 227 63.1 32.3 96.9





#95

Naphthalene

Concen: 44.526 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

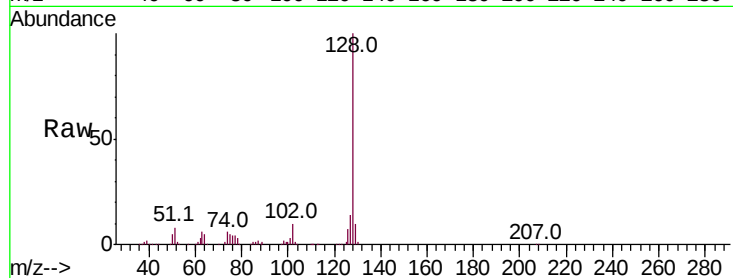
Tot Ion:128 Resp: 476844

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

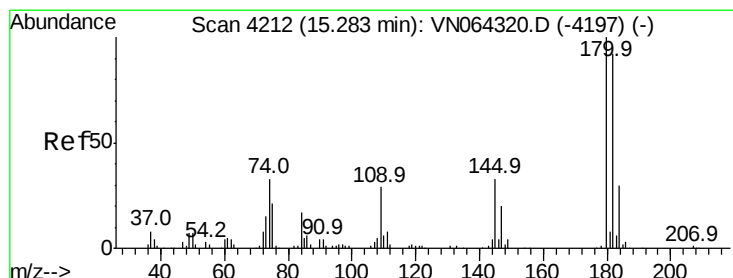
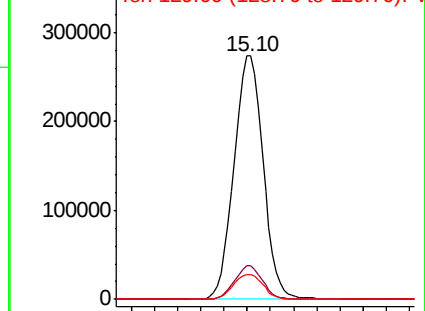
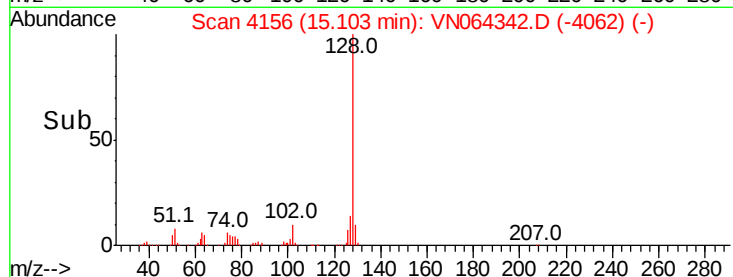
129 10.5 8.6 13.0



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: 47.189 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

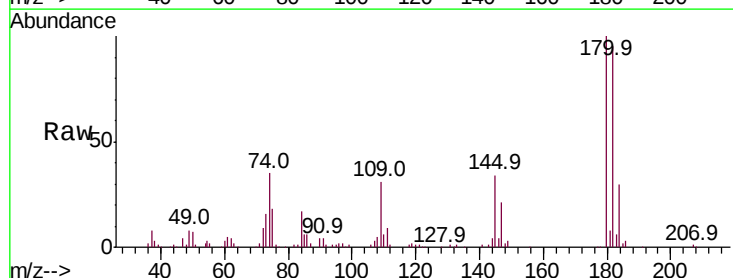
Tgt Ion:180 Resp: 158631

Ion Ratio Lower Upper

180 100

182 95.0 46.1 138.3

145 32.8 16.2 48.5



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

