

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\  
 Data File : VN064985.D  
 Acq On : 8 Dec 2020 21:50  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Dec 09 07:57:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 191424   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 303582   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 274627   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 135334   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65    | 108005   | 48.53    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 97.06%  |
| 35) Dibromofluoromethane  | 7.55   | 113   | 93800    | 51.64    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 103.28% |
| 50) Toluene-d8            | 10.06  | 98    | 361100   | 48.65    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 97.30%  |
| 62) 4-Bromofluorobenzene  | 12.37  | 95    | 129741   | 48.84    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 97.68%  |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 68078   | 41.035  | ug/l | 99     |
| 3) Chloromethane              | 2.04 | 50  | 90072   | 41.779  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.17 | 62  | 99860   | 44.428  | ug/l | 99     |
| 5) Bromomethane               | 2.52 | 94  | 65819   | 44.633  | ug/l | 97     |
| 6) Chloroethane               | 2.67 | 64  | 65238   | 46.927  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 147983  | 47.629  | ug/l | 98     |
| 8) Diethyl Ether              | 3.37 | 74  | 61265   | 49.954  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 90455   | 48.531  | ug/l | 99     |
| 10) Methyl Iodide             | 3.91 | 142 | 111211  | 46.001  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.74 | 59  | 76592   | 220.687 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 88377   | 47.611  | ug/l | 96     |
| 13) Acrolein                  | 3.56 | 56  | 65268   | 307.881 | ug/l | 100    |
| 14) Allyl chloride            | 4.27 | 41  | 142557  | 46.563  | ug/l | 98     |
| 15) Acrylonitrile             | 4.93 | 53  | 241354  | 251.734 | ug/l | 100    |
| 16) Acetone                   | 3.78 | 43  | 183680  | 251.079 | ug/l | 94     |
| 17) Carbon Disulfide          | 4.01 | 76  | 205273  | 42.830  | ug/l | 100    |
| 18) Methyl Acetate            | 4.28 | 43  | 111447  | 50.669  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 303568  | 50.991  | ug/l | 99     |
| 20) Methylene Chloride        | 4.50 | 84  | 108171  | 47.187  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 95455   | 46.307  | ug/l | 97     |
| 22) Diisopropyl ether         | 5.91 | 45  | 319712  | 52.173  | ug/l | 98     |
| 23) Vinyl Acetate             | 5.85 | 43  | 1259284 | 256.976 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 185153  | 50.557  | ug/l | 99     |
| 25) 2-Butanone                | 6.79 | 43  | 296693  | 250.184 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 145708  | 45.873  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 114182  | 49.226  | ug/l | 99     |
| 28) Bromochloromethane        | 7.15 | 49  | 80366   | 47.968  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 198230  | 242.153 | ug/l | 99     |
| 30) Chloroform                | 7.33 | 83  | 189676  | 50.223  | ug/l | 100    |
| 31) Cyclohexane               | 7.61 | 56  | 136216  | 43.916  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 161585  | 49.815  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 133934  | 47.597  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 124512  | 45.936  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 144943  | 49.505  | ug/l | 99     |

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 MSVOA\_N  
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 VSTDCCC050

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 131295   | 43.343  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 421455   | 48.877  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.13  | 41   | 63822    | 51.029  | ug/l   | 88       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 142550   | 49.006  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 212533   | 48.728  | ug/l # | 92       |
| 44) Trichloroethene            | 8.80  | 130  | 117763   | 46.287  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 115919   | 51.911  | ug/l   | 98       |
| 46) Dibromomethane             | 9.17  | 93   | 75400    | 50.543  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.37  | 83   | 153030   | 50.981  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.17  | 41   | 104766   | 50.269  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 35840    | 909.865 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 644521   | 246.144 | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 270028   | 50.850  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 163918   | 49.029  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 182731   | 50.991  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 110990   | 50.828  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 155513   | 51.608  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 182506   | 50.667  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 407396   | 245.783 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 463667   | 246.046 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 125207   | 51.583  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.97 | 107  | 112577   | 50.744  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 117927   | 44.137  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.41 | 112  | 297328   | 50.416  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 113974   | 52.586  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 505024   | 51.260  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.59 | 106  | 392579   | 105.245 | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 186757   | 52.761  | ug/l   | 100      |
| 70) Styrene                    | 11.94 | 104  | 329525   | 55.145  | ug/l   | 98       |
| 71) Bromoform                  | 12.10 | 173  | 88332    | 51.027  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 491857   | 52.251  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.04 | 43   | 184744   | 49.870  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 148915   | 53.972  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 201760   | 69.226  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 127868   | 50.384  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.56 | 91   | 546429   | 50.955  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 333178   | 50.262  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 423970   | 54.186  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 51573    | 48.498  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 353352   | 50.855  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 349090   | 53.228  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 429807   | 54.330  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.14 | 105  | 445760   | 51.191  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 417158   | 52.620  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 230370   | 51.092  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 230034   | 48.242  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 332599   | 47.773  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 73795    | 53.583  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 227218   | 51.323  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 29029    | 46.759  | ug/l   | 100      |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
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VSTDCCC050

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Quant Title : SW846 8260  
QLast Update : Mon Nov 23 13:54:12 2020  
Response via : Initial Calibration

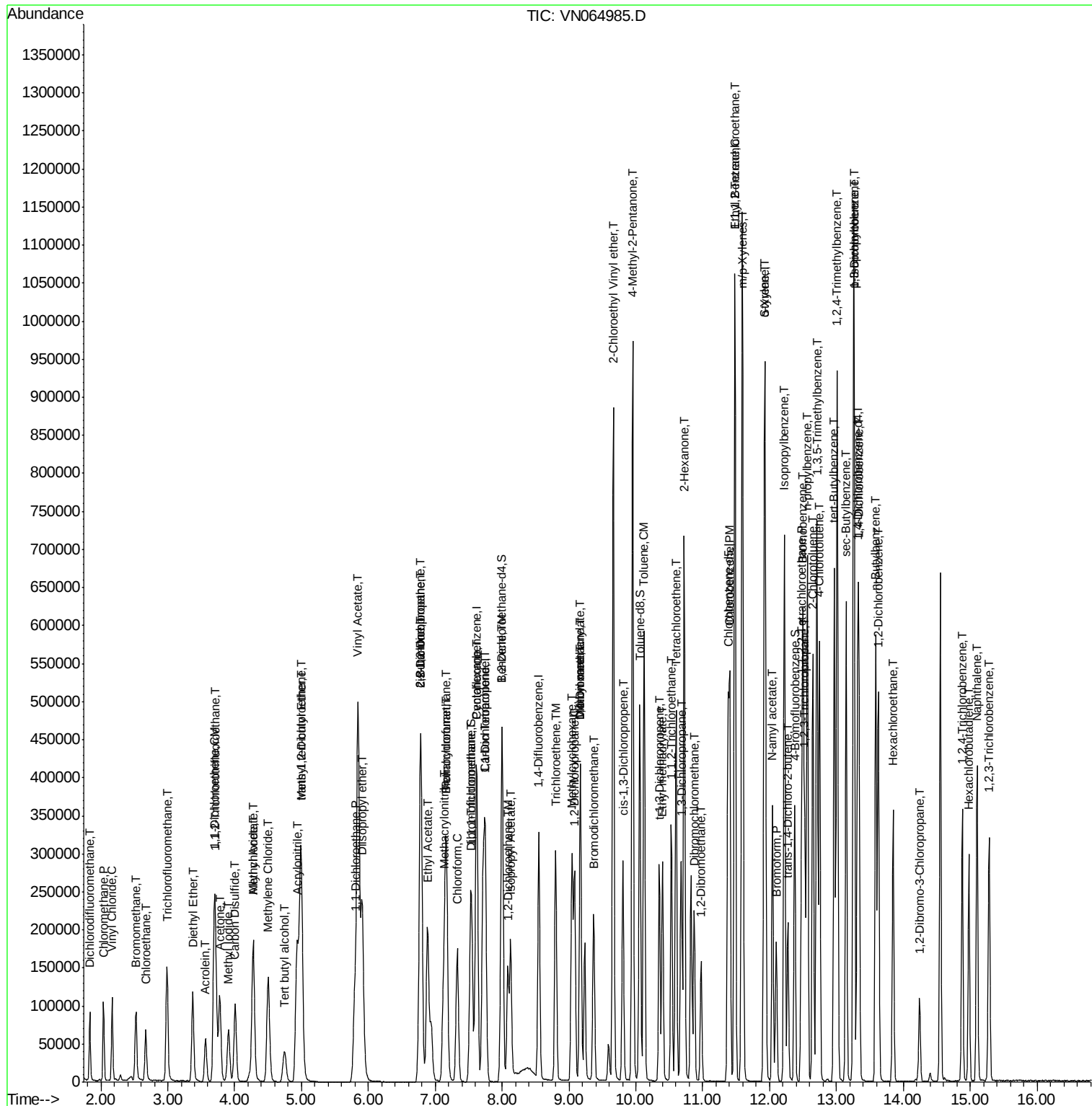
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 120404   | 43.963 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 60512    | 49.072 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 359751   | 43.846 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 113447   | 43.768 | ug/l  | 100      |

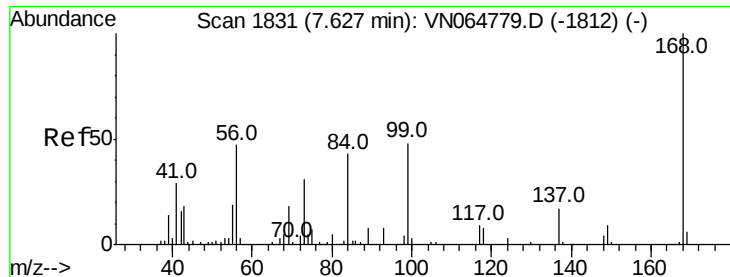
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

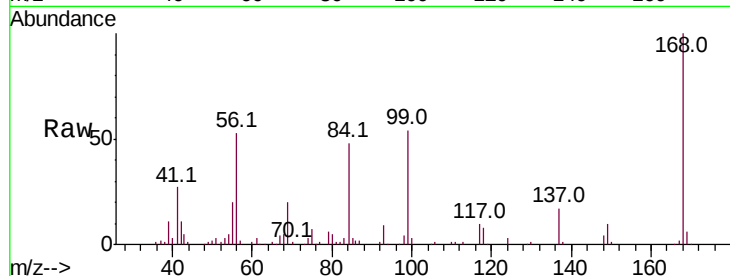
VSTDCCC050

Tot Ion:168 Resp: 191424

Ion Ratio Lower Upper

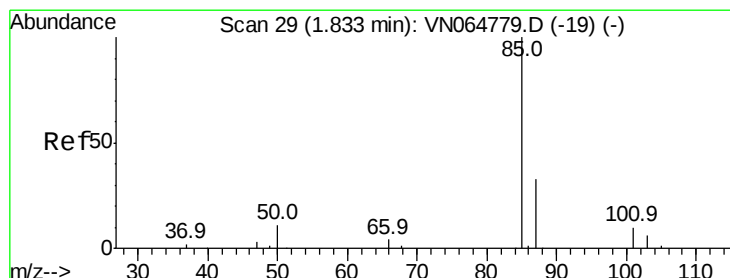
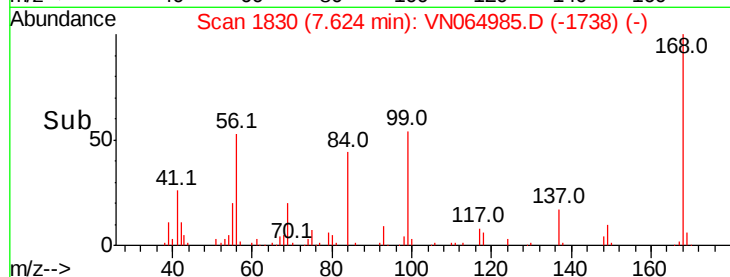
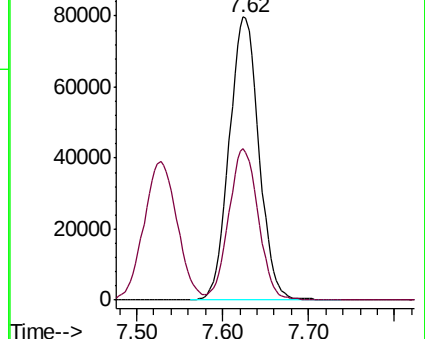
168 100

99 53.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 41.035 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064985.D

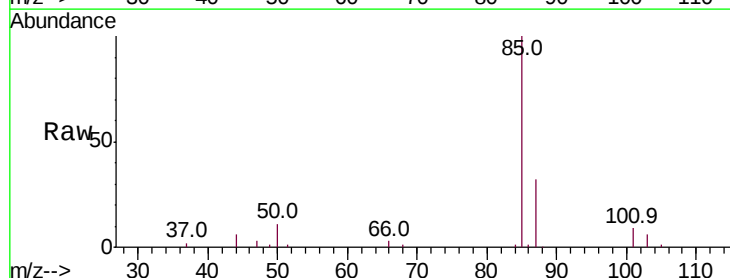
Acq: 8 Dec 2020 21:50

Tgt Ion: 85 Resp: 68078

Ion Ratio Lower Upper

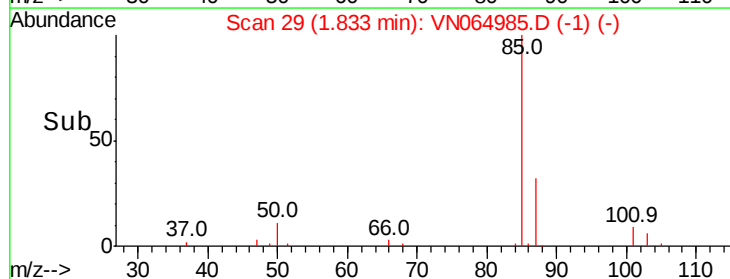
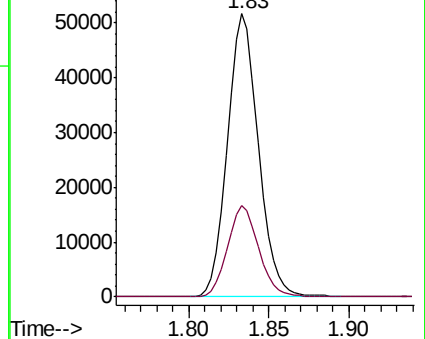
85 100

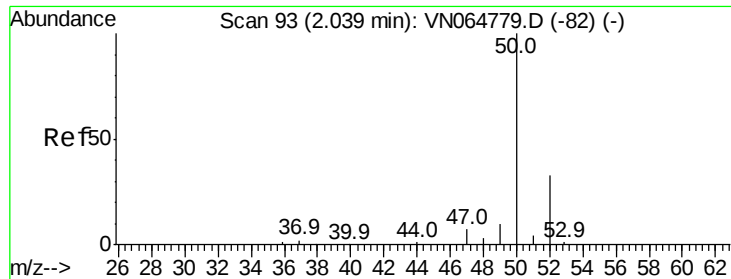
87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 41.779 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

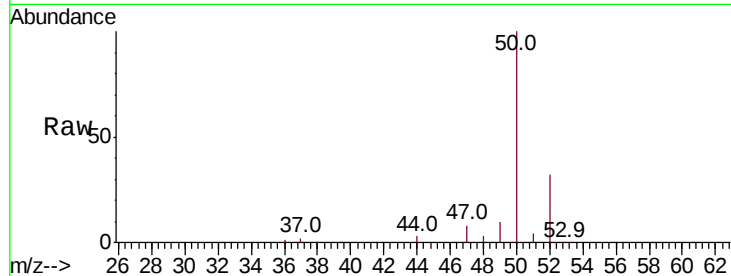
VSTDCCC050

Tot Ion: 50 Resp: 90072

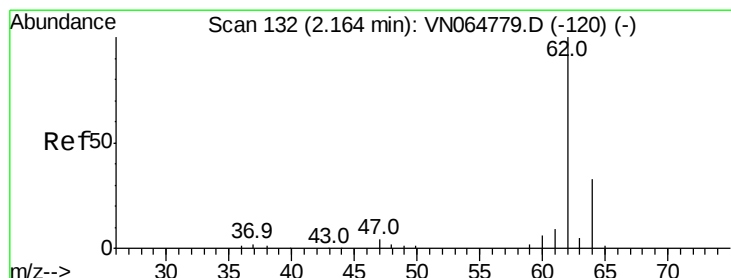
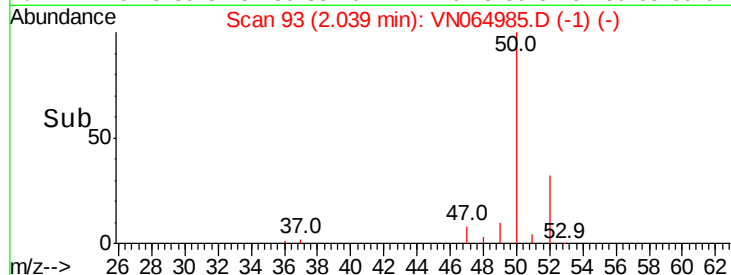
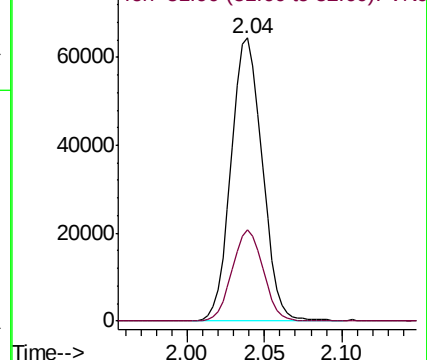
Ion Ratio Lower Upper

50 100

52 32.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNO  
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 44.428 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064985.D

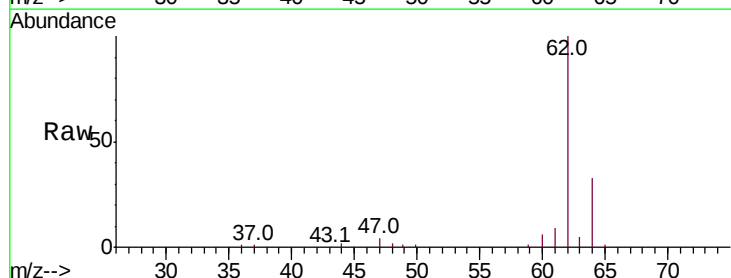
Acq: 8 Dec 2020 21:50

Tgt Ion: 62 Resp: 99860

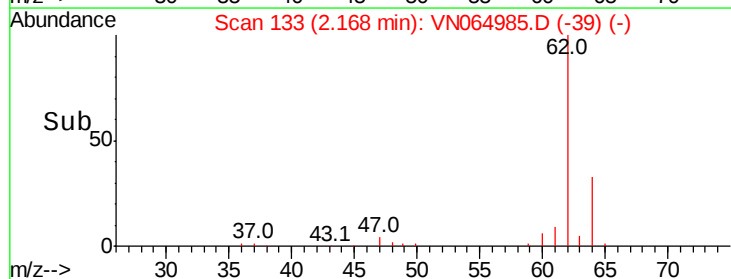
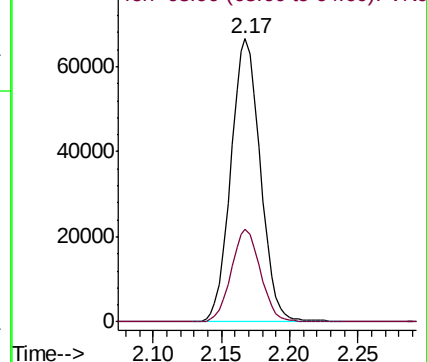
Ion Ratio Lower Upper

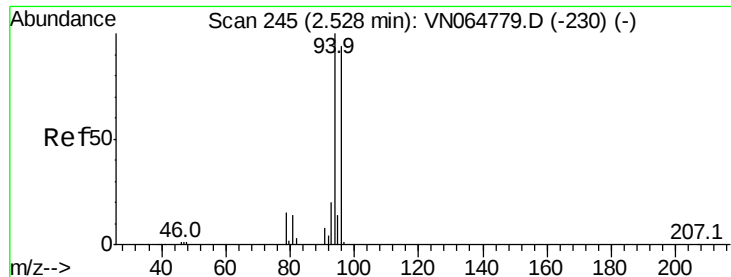
62 100

64 32.6 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNO  
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 44.633 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

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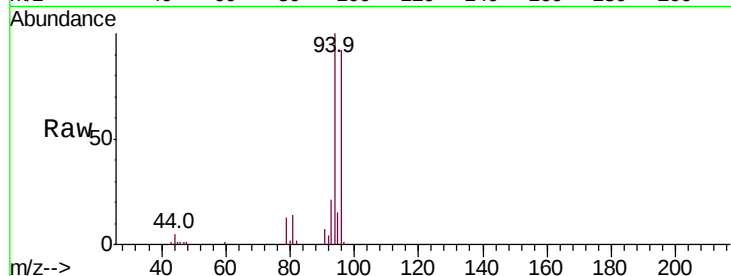
VSTDCCC050

Tot Ion: 94 Resp: 65819

Ion Ratio Lower Upper

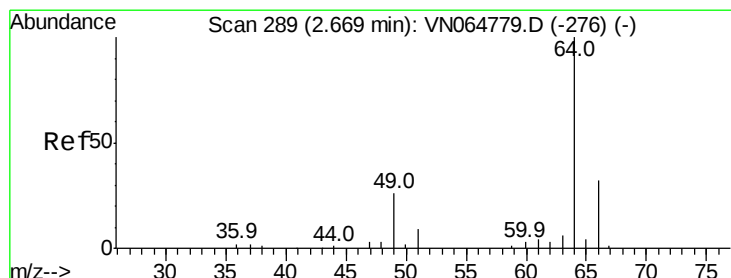
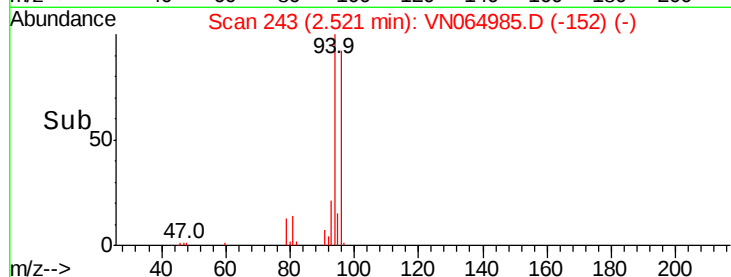
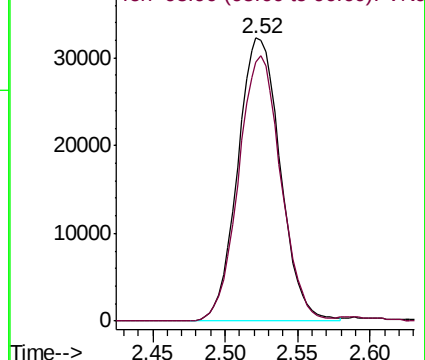
94 100

96 91.7 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.927 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064985.D

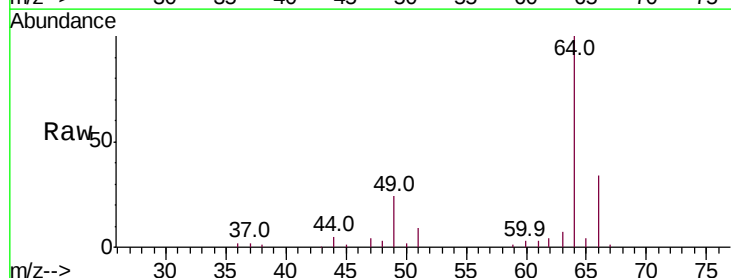
Acq: 8 Dec 2020 21:50

Tgt Ion: 64 Resp: 65238

Ion Ratio Lower Upper

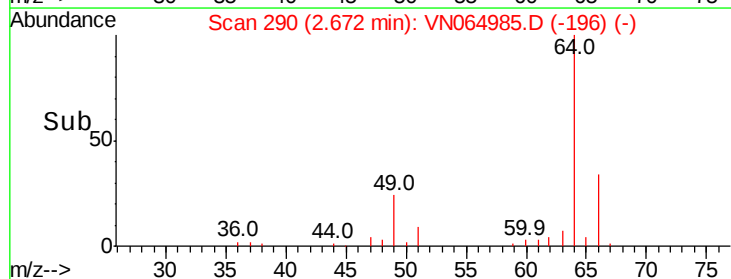
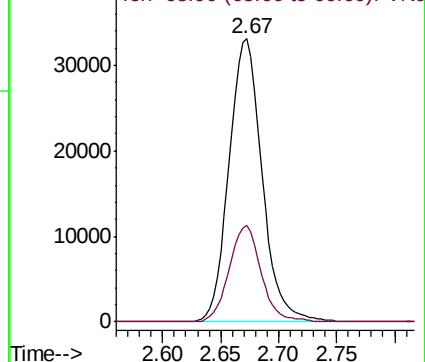
64 100

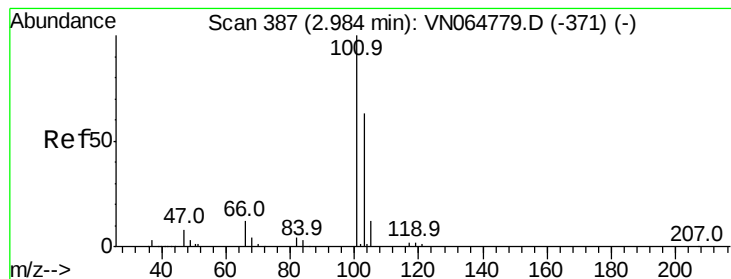
66 33.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



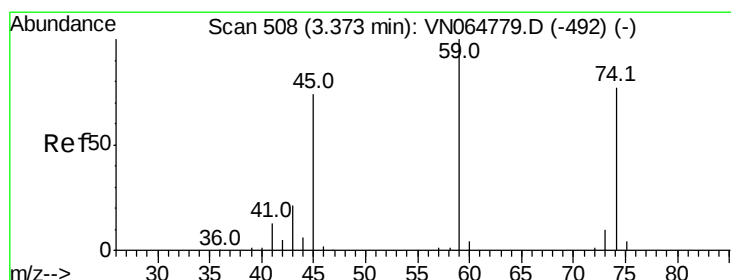
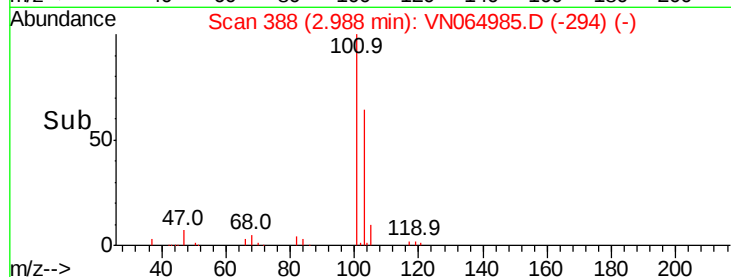
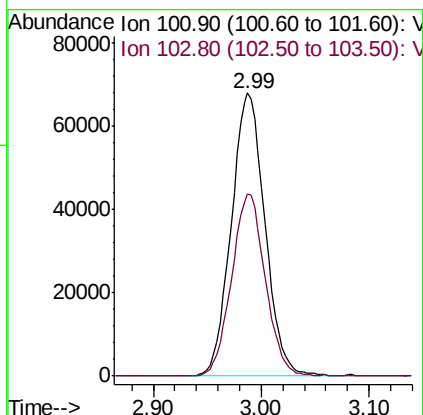
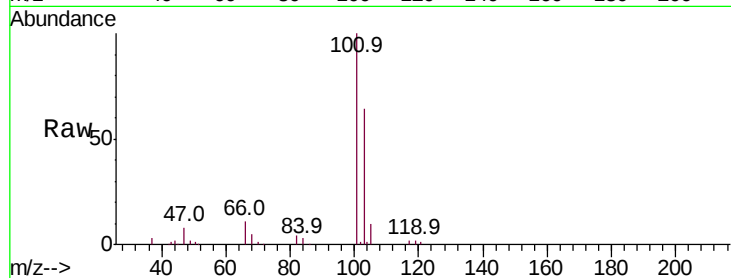


#7

Trichlorofluoromethane  
 Concen: 47.629 ug/l  
 RT: 2.99 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

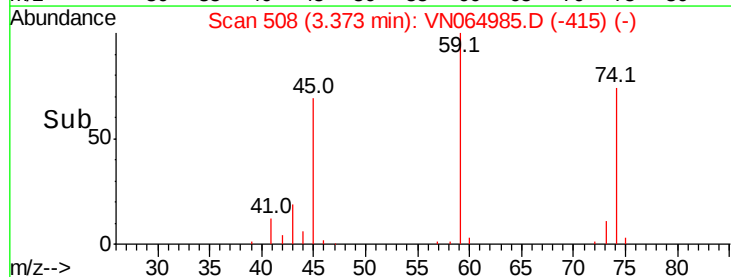
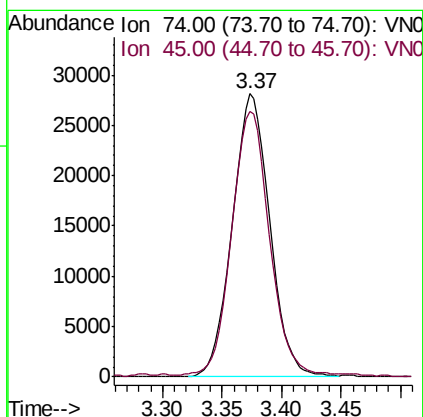
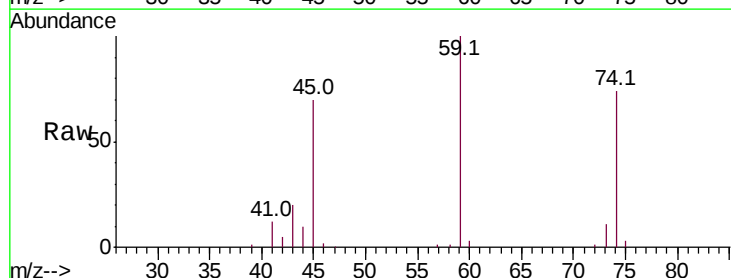
Tot Ion:101 Resp: 147983  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 50.5 75.7

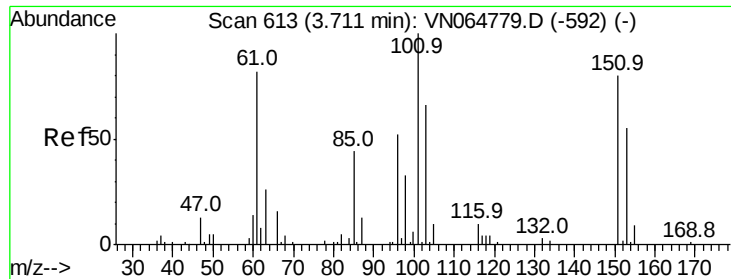


#8

Diethyl Ether  
 Concen: 49.954 ug/l  
 RT: 3.37 min Scan# 508  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Tgt Ion: 74 Resp: 61265  
 Ion Ratio Lower Upper  
 74 100  
 45 93.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.531 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

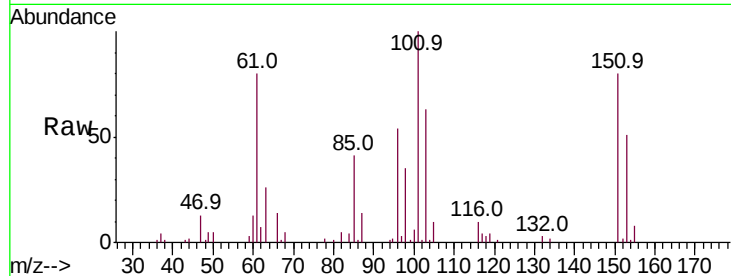
Tot Ion:101 Resp: 90455

Ion Ratio Lower Upper

101 100

85 41.6 34.4 51.6

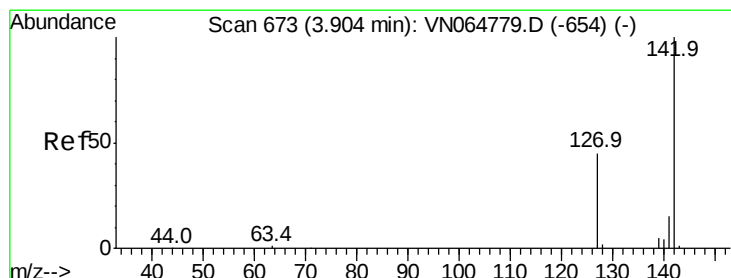
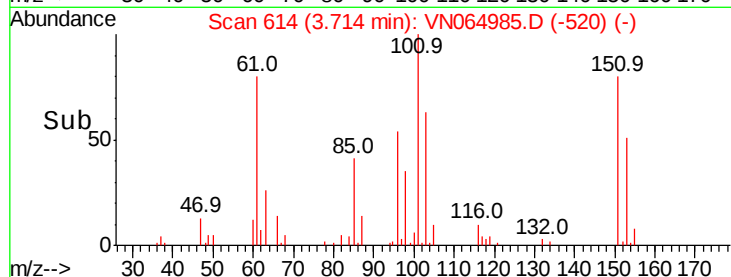
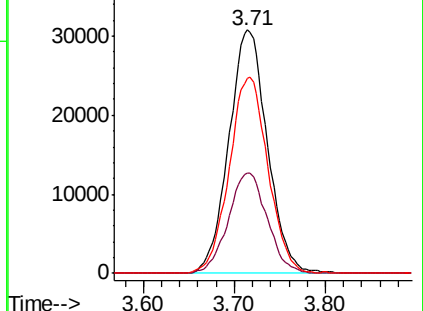
151 80.9 64.0 96.0



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: 46.001 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

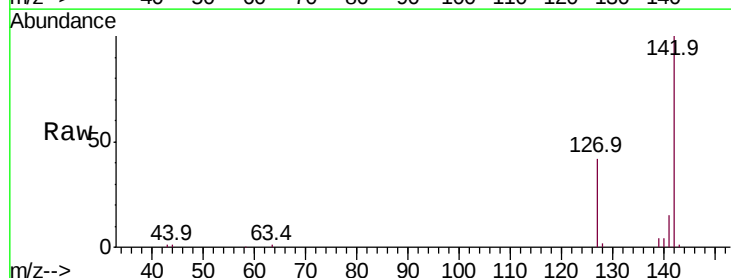
Tgt Ion:142 Resp: 111211

Ion Ratio Lower Upper

142 100

127 42.7 35.0 52.6

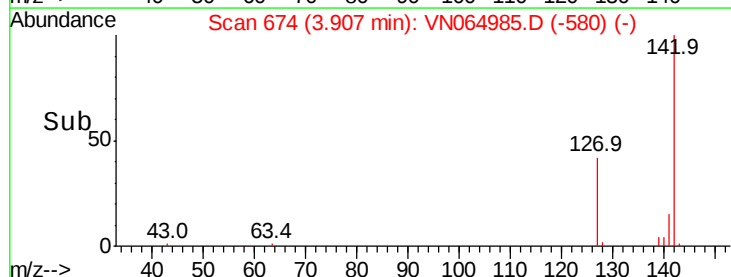
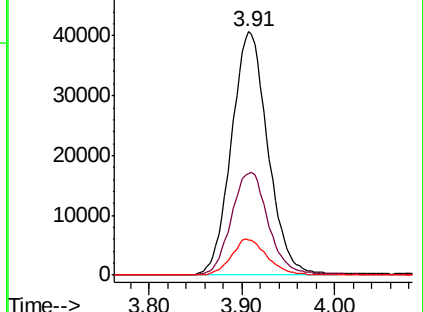
141 14.4 11.8 17.6

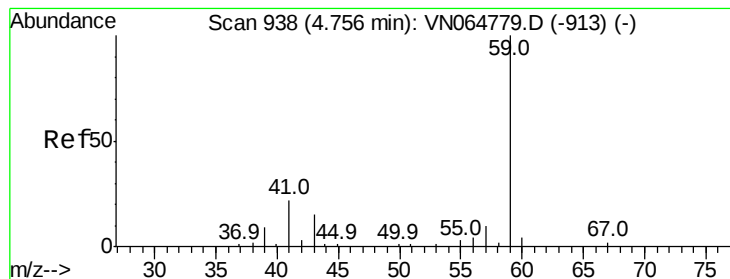


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



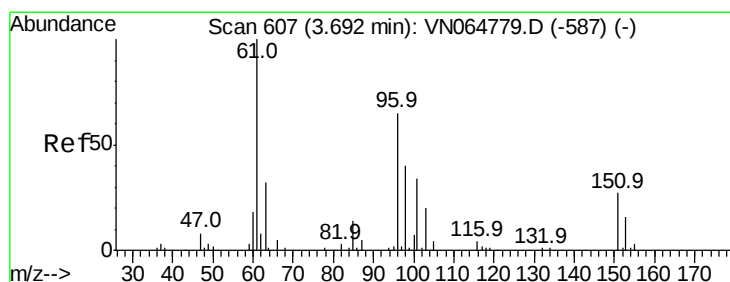
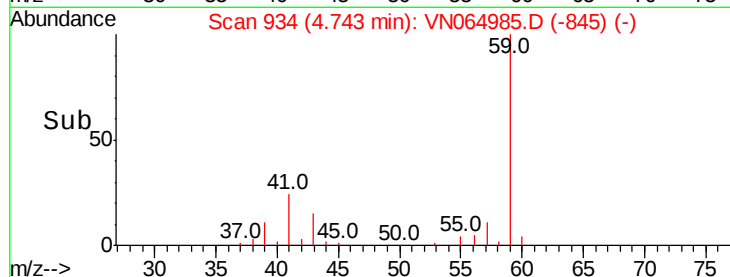
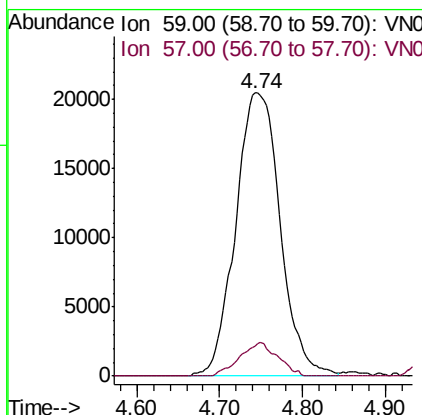
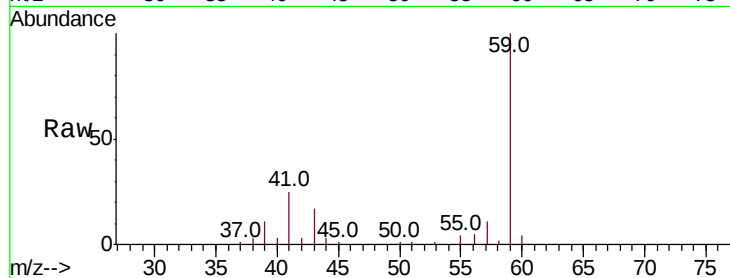


#11

Tert butyl alcohol  
 Concen: 220.687 ug/l  
 RT: 4.74 min Scan# 934  
 Delta R.T. -0.01 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

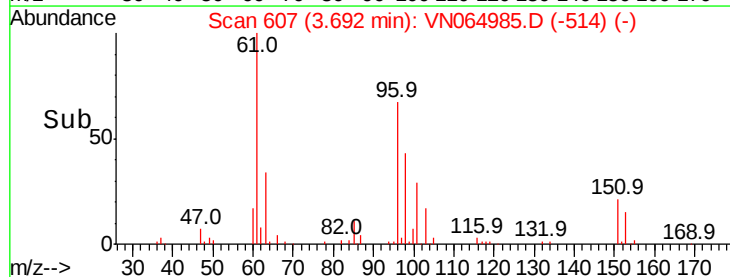
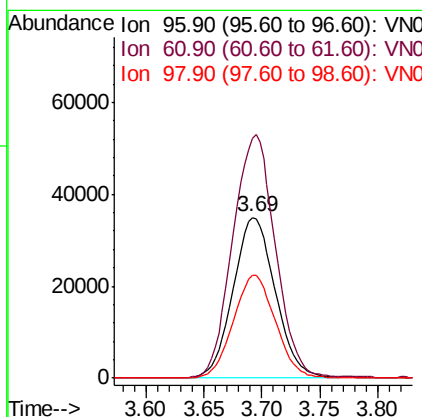
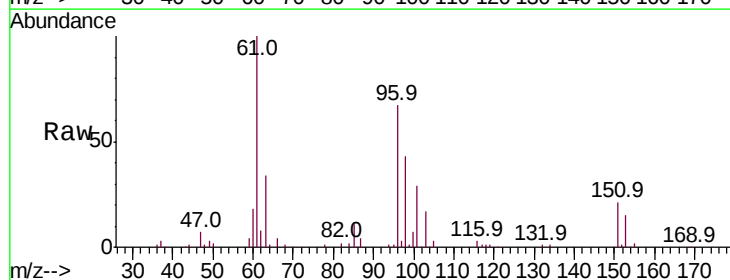
Tot Ion: 59 Resp: 76592  
 Ion Ratio Lower Upper  
 59 100  
 57 10.0 7.9 11.9

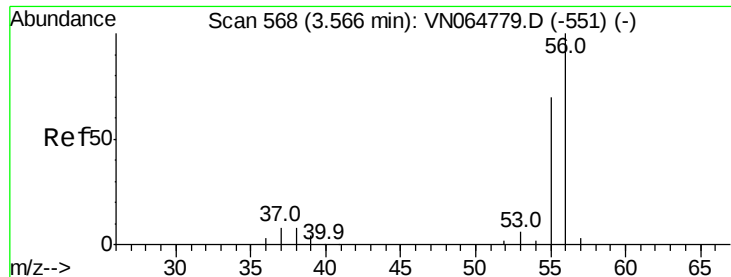


#12

1,1-Dichloroethene  
 Concen: 47.611 ug/l  
 RT: 3.69 min Scan# 607  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Tgt Ion: 96 Resp: 88377  
 Ion Ratio Lower Upper  
 96 100  
 61 148.9 123.4 185.2  
 98 63.8 49.8 74.8





#13

Acrolein

Concen: 307.881 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

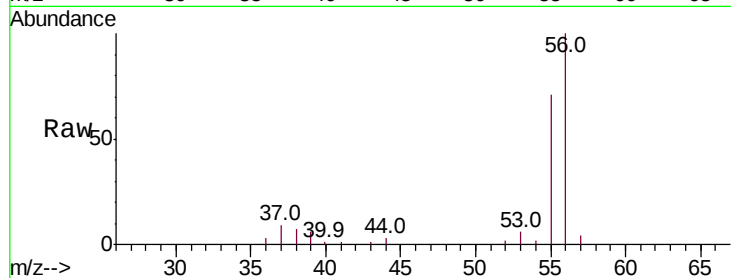
VSTDCCC050

Tot Ion: 56 Resp: 65268

Ion Ratio Lower Upper

56 100

55 70.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.56

25000

20000

15000

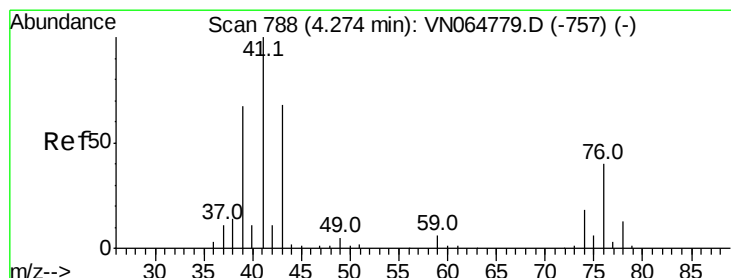
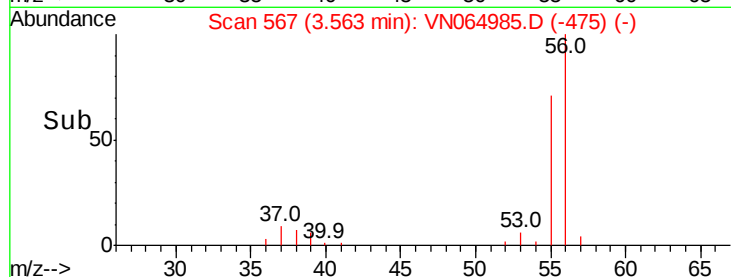
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 46.563 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

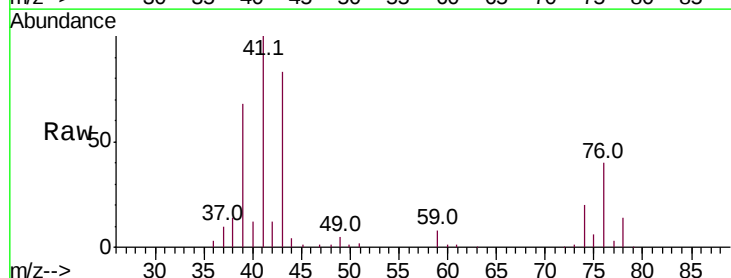
Tgt Ion: 41 Resp: 142557

Ion Ratio Lower Upper

41 100

39 62.5 50.9 76.3

76 37.3 29.0 43.4



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

4.27

60000

50000

40000

30000

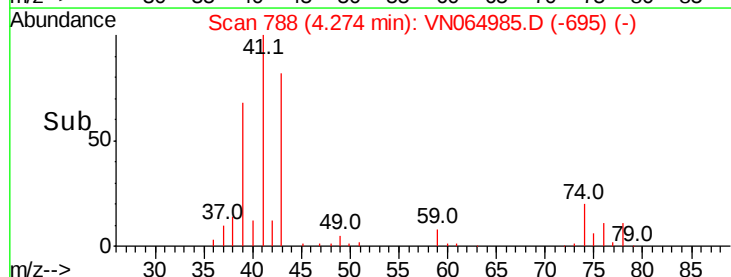
20000

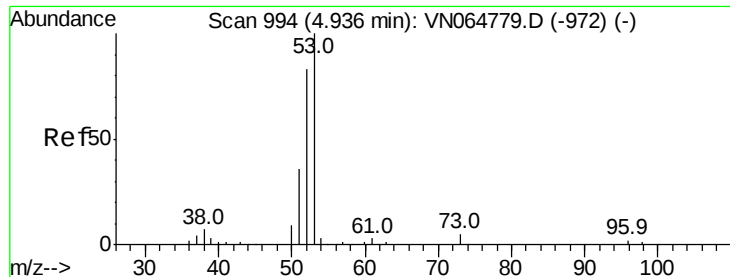
10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 251.734 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

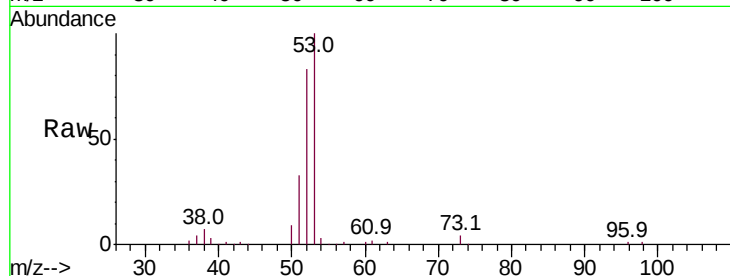
Tot Ion: 53 Resp: 241354

Ion Ratio Lower Upper

53 100

52 82.2 65.5 98.3

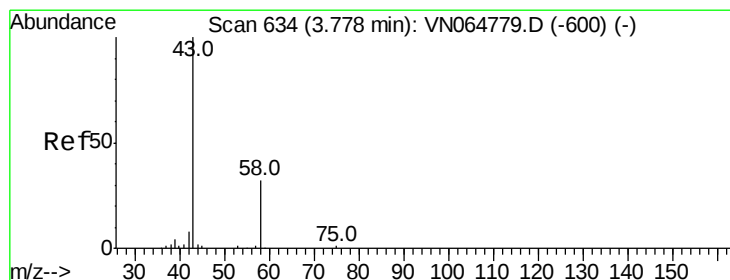
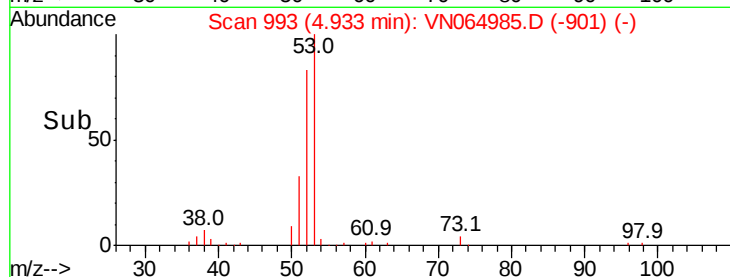
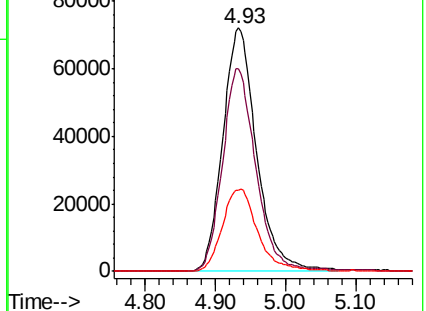
51 35.5 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064779.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN064779.D (-972) (-)



#16

Acetone

Concen: 251.079 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064985.D

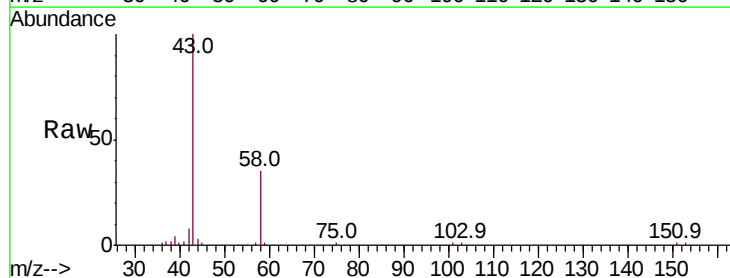
Acq: 8 Dec 2020 21:50

Tgt Ion: 43 Resp: 183680

Ion Ratio Lower Upper

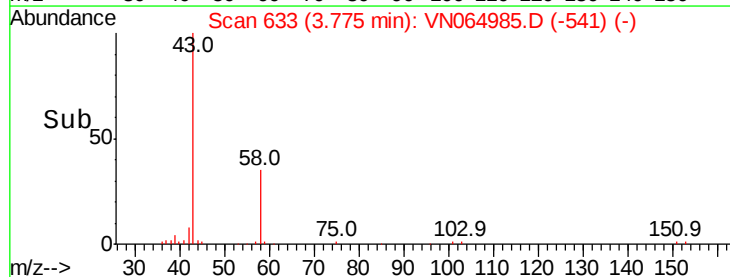
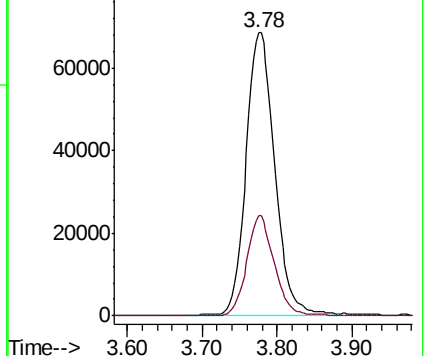
43 100

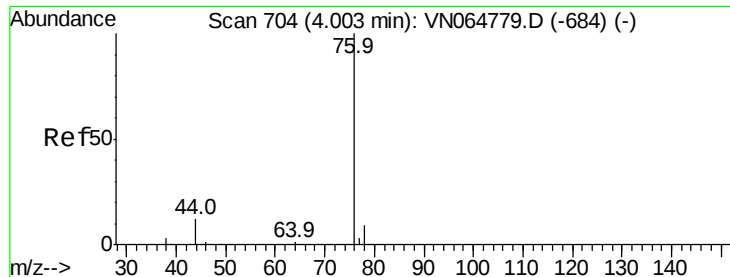
58 35.3 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)

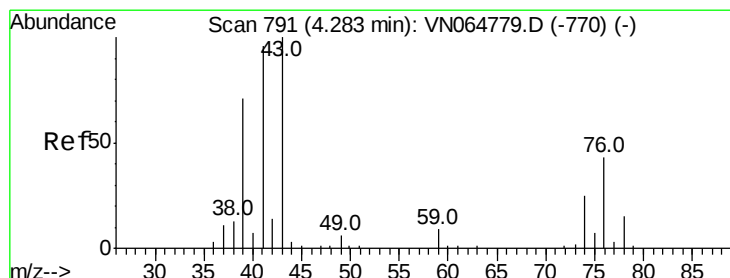
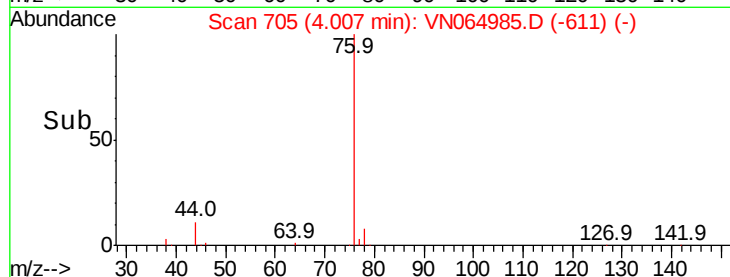
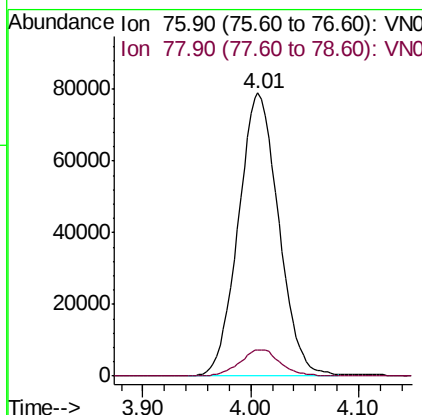
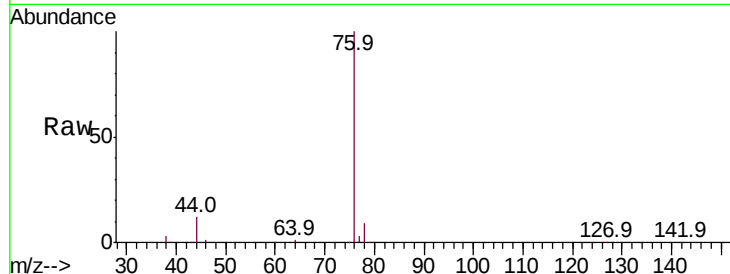




#17  
Carbon Disulfide  
Concen: 42.830 ug/l  
RT: 4.01 min Scan# 705  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

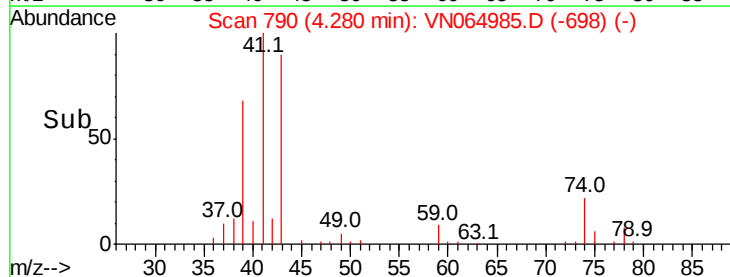
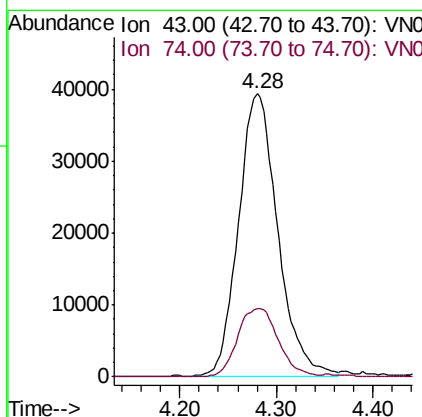
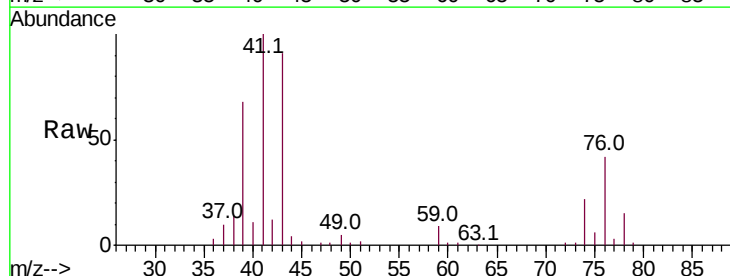
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

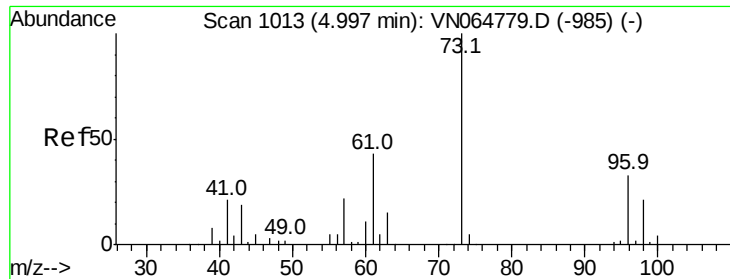
Tot Ion: 76 Resp: 205273  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 50.669 ug/l  
RT: 4.28 min Scan# 790  
Delta R.T. -0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion: 43 Resp: 111447  
Ion Ratio Lower Upper  
43 100  
74 25.0 20.2 30.2

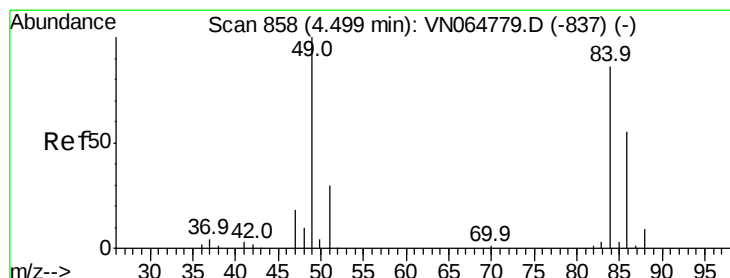
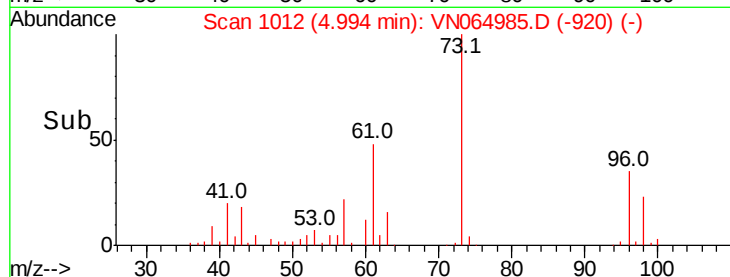
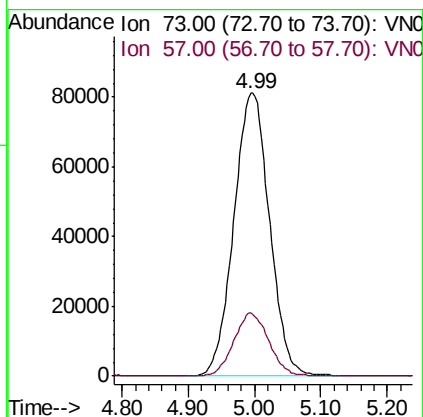
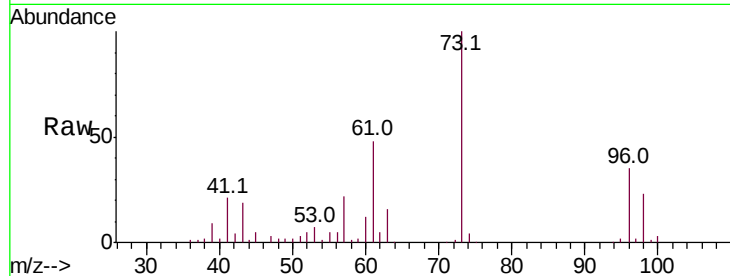




#19  
Methvl tert-butvl Ether  
Concen: 50.991 ug/l  
RT: 4.99 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

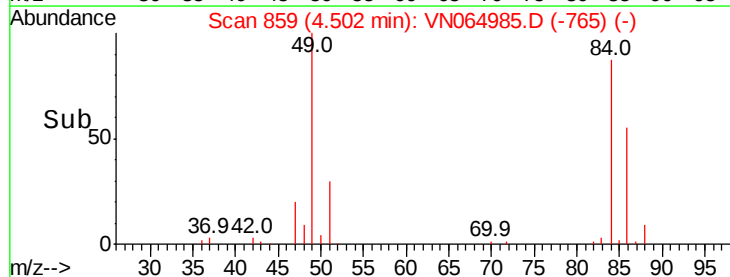
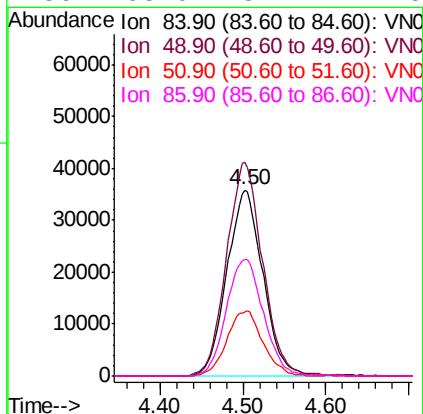
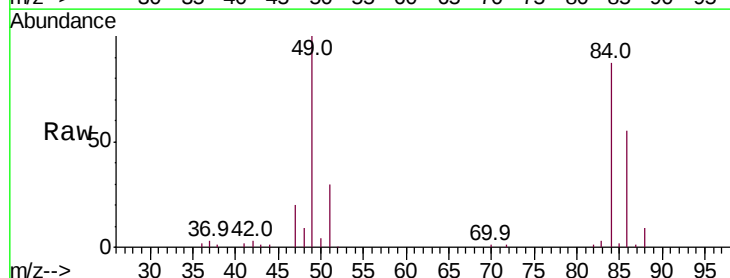
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

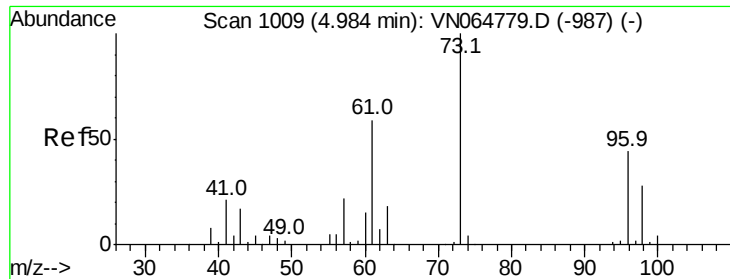
Tot Ion: 73 Resp: 303568  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.4 26.0



#20  
Methylene Chloride  
Concen: 47.187 ug/l  
RT: 4.50 min Scan# 859  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion: 84 Resp: 108171  
Ion Ratio Lower Upper  
84 100  
49 114.8 93.4 140.0  
51 34.5 28.2 42.4  
86 63.0 51.7 77.5

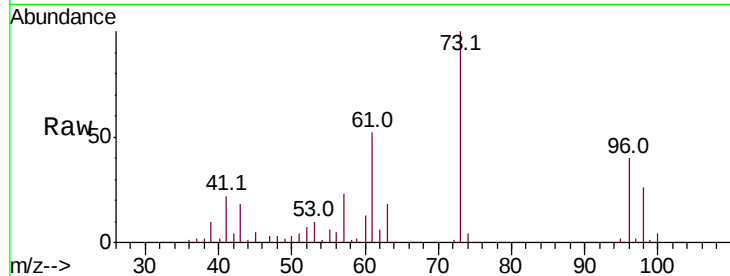




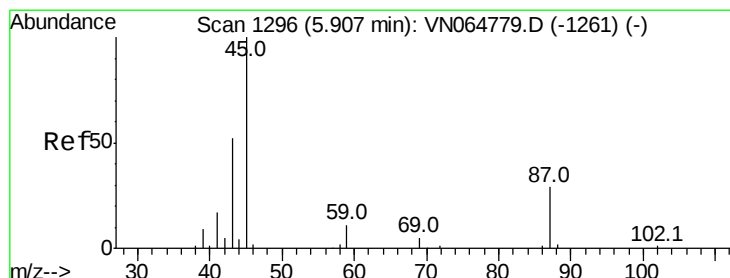
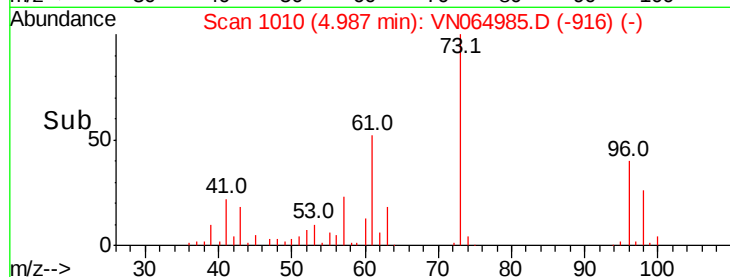
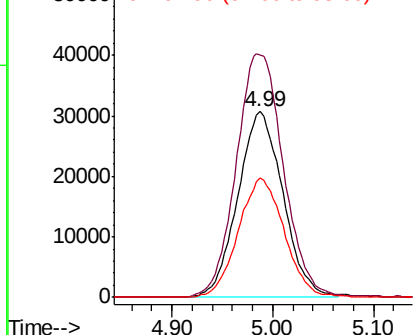
#21  
trans-1,2-Dichloroethene  
Concen: 46.307 ug/l  
RT: 4.99 min Scan# 1010  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 96 Resp: 95455  
Ion Ratio Lower Upper  
96 100  
61 130.2 108.4 162.6  
98 64.2 51.3 76.9

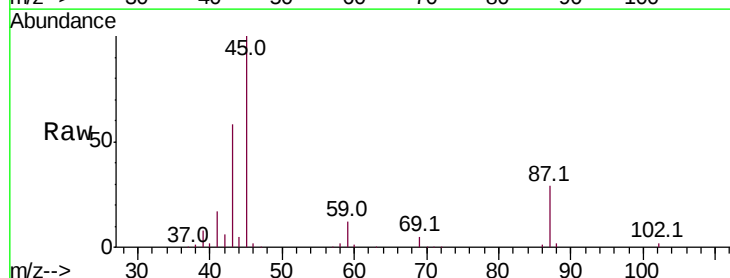


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

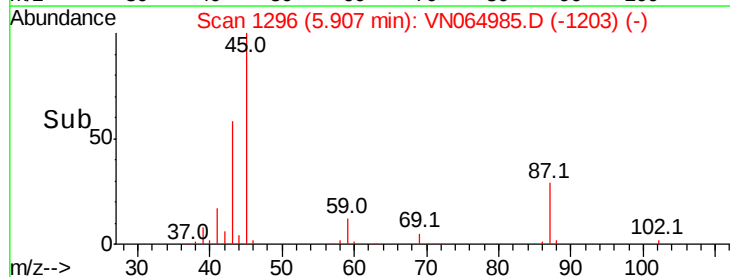
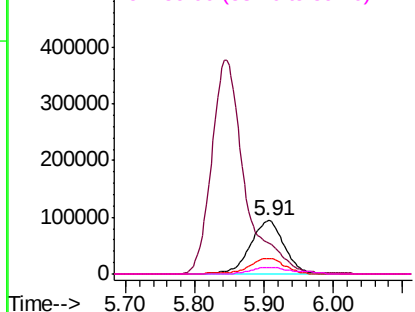


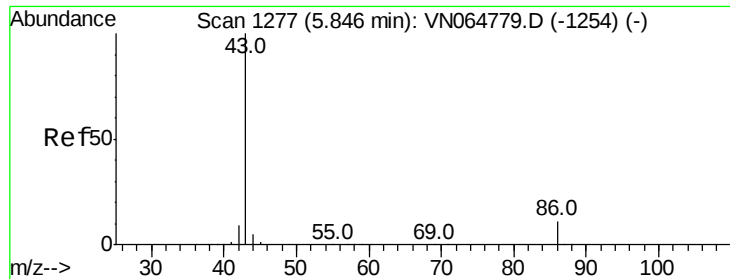
#22  
Diisopropyl ether  
Concen: 52.173 ug/l  
RT: 5.91 min Scan# 1296  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion: 45 Resp: 319712  
Ion Ratio Lower Upper  
45 100  
43 56.0 46.2 69.2  
87 28.5 24.1 36.1  
59 12.0 9.0 13.4



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

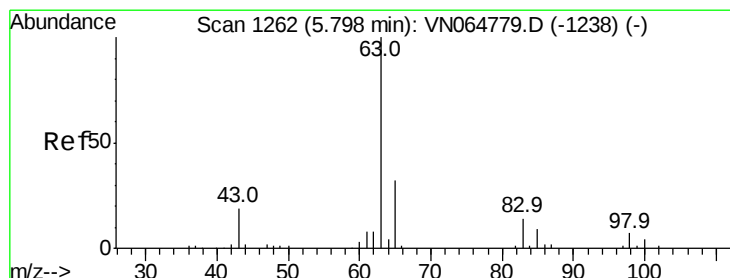
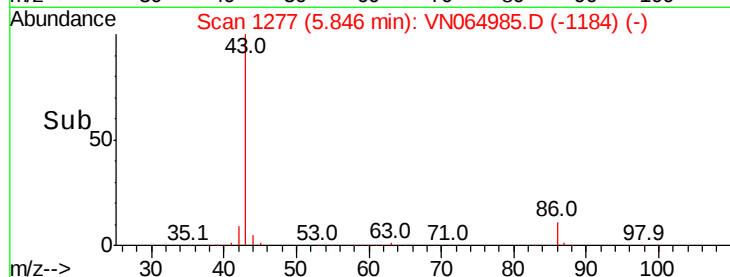
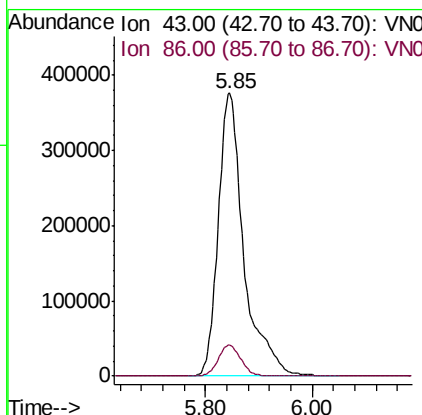
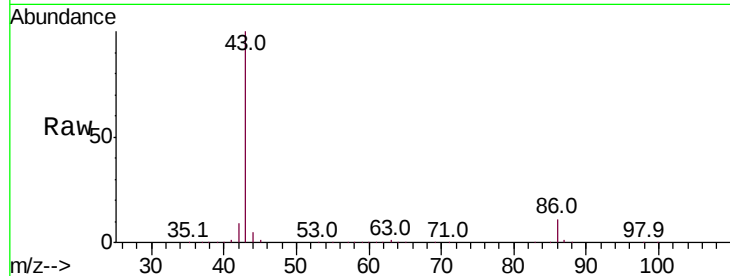




#23  
 Vinyl Acetate  
 Concen: 256.976 ug/l  
 RT: 5.85 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

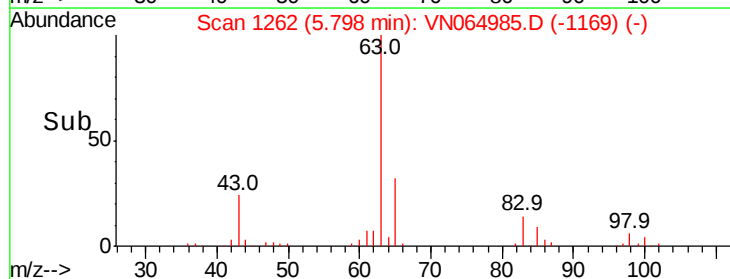
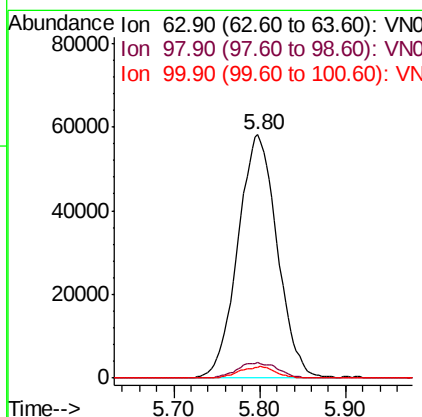
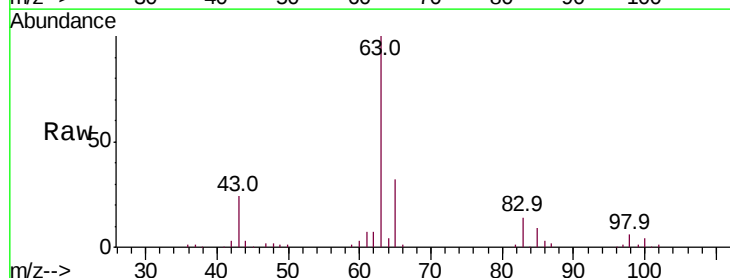
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

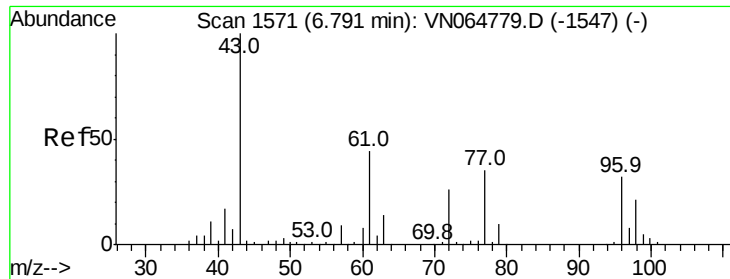
Tot Ion: 43 Resp: 1259284  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.9 13.3



#24  
 1,1-Dichloroethane  
 Concen: 50.557 ug/l  
 RT: 5.80 min Scan# 1262  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Tgt Ion: 63 Resp: 185153  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.5 10.5  
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 250.184 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

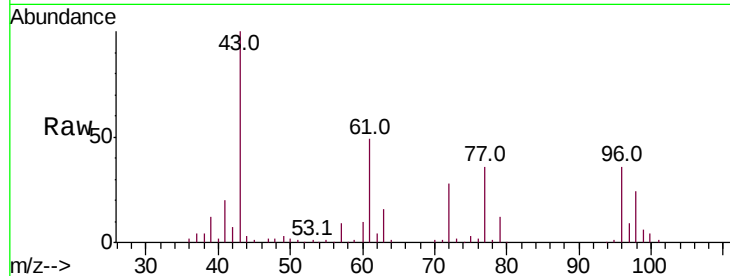
VSTDCCC050

Tot Ion: 43 Resp: 296693

Ion Ratio Lower Upper

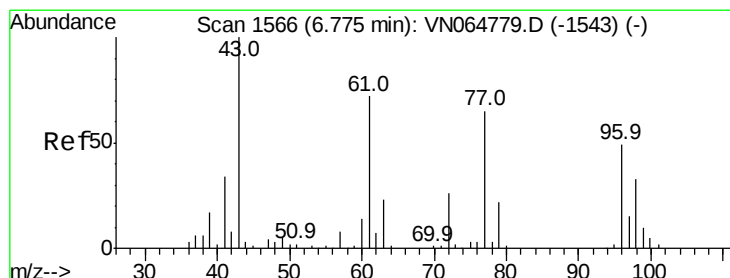
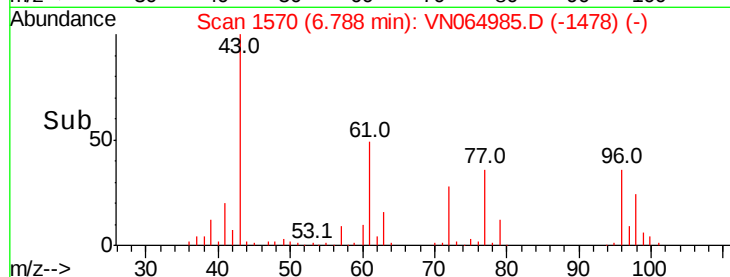
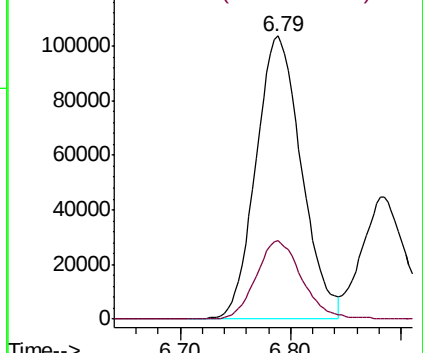
43 100

72 27.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 45.873 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064985.D

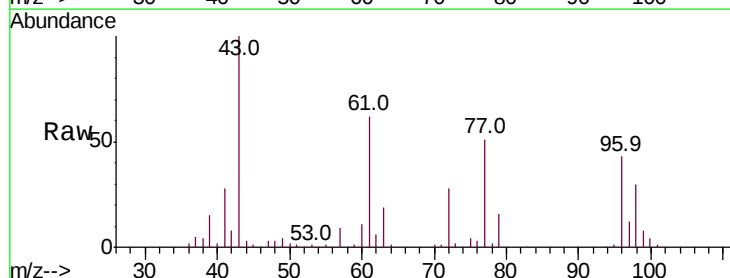
Acq: 8 Dec 2020 21:50

Tgt Ion: 77 Resp: 145708

Ion Ratio Lower Upper

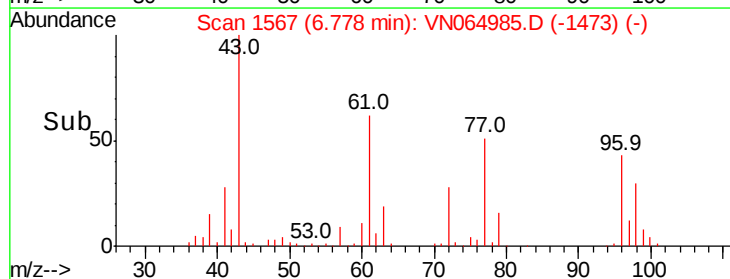
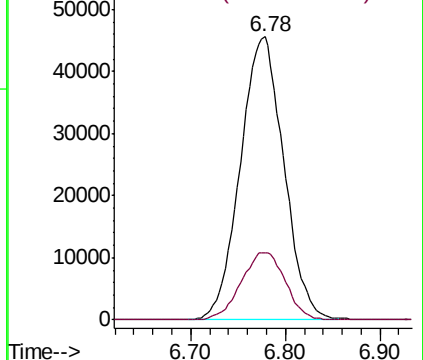
77 100

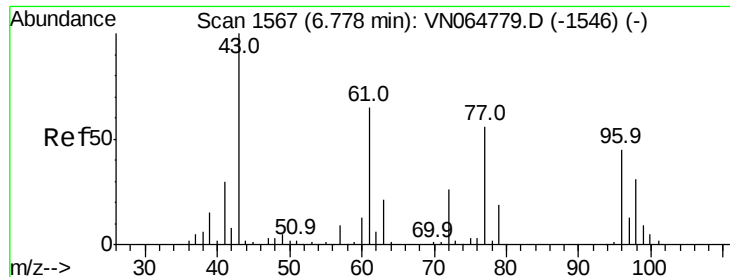
97 24.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 49.226 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

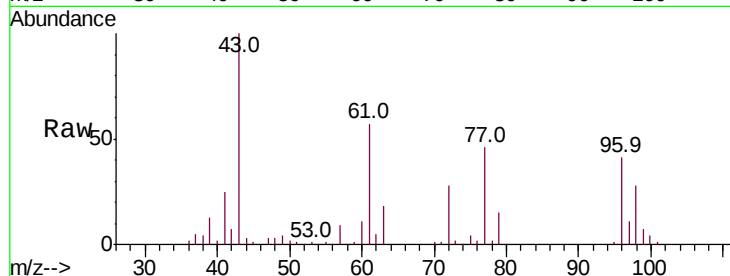
Tot Ion: 96 Resp: 114182

Ion Ratio Lower Upper

96 100

61 142.1 0.0 285.8

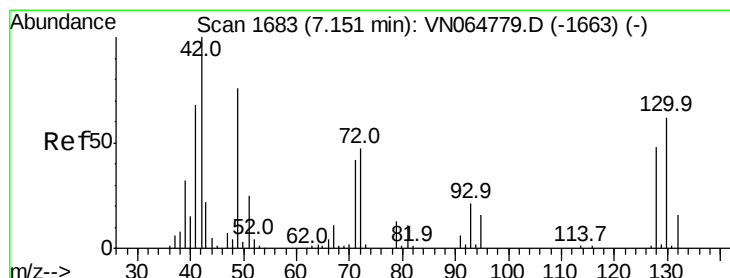
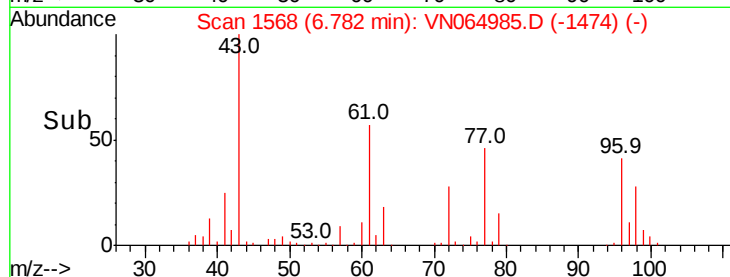
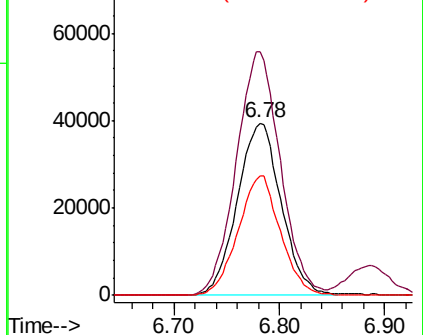
98 66.9 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1546) (-)



#28

Bromochloromethane

Concen: 47.968 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

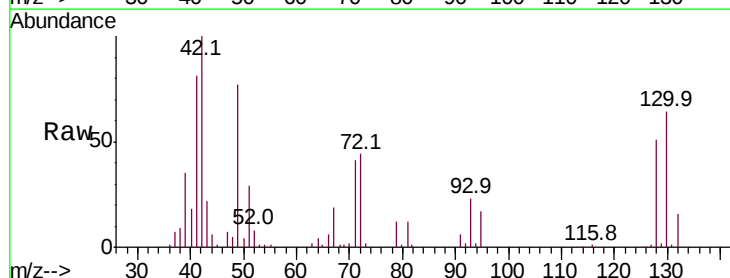
Tgt Ion: 49 Resp: 80366

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

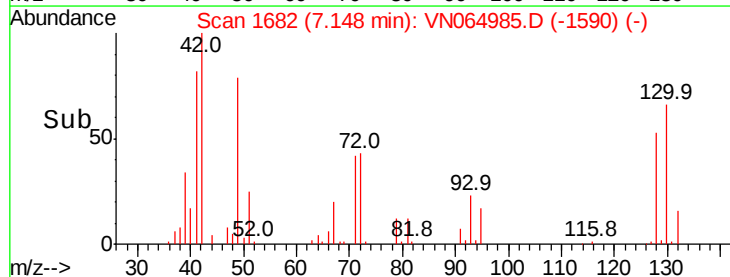
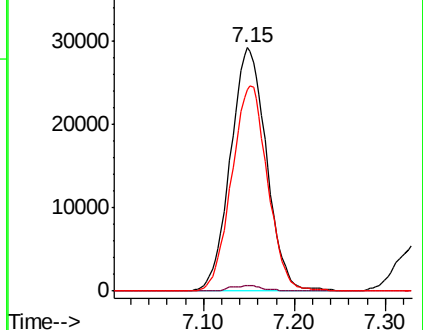
130 84.1 66.2 99.2

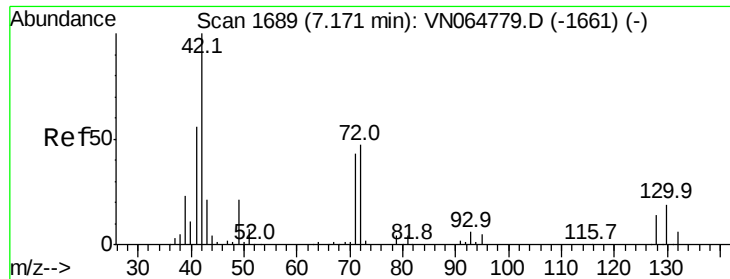


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN064779.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN064779.D (-1663) (-)





#29

Tetrahydrofuran

Concen: 242.153 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

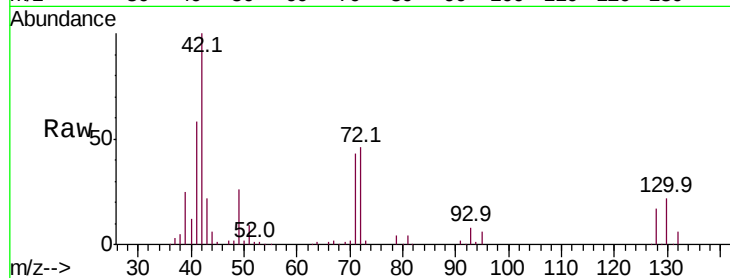
Tot Ion: 42 Resp: 198230

Ion Ratio Lower Upper

42 100

72 45.3 36.6 54.8

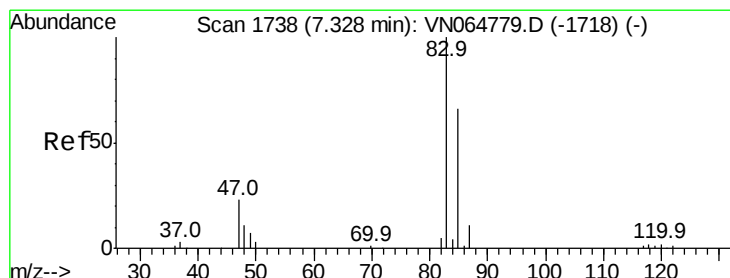
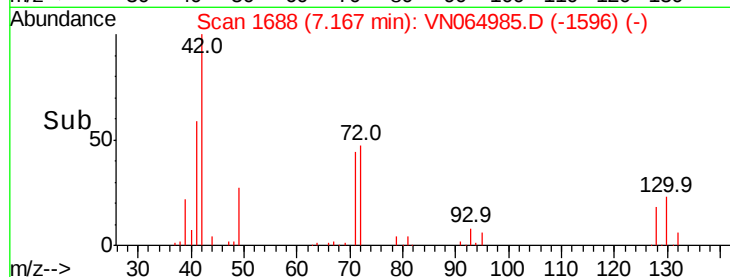
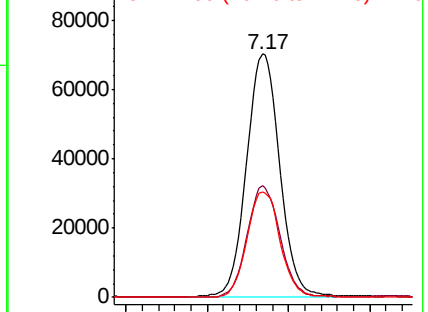
71 43.1 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VN064779.D (-1661) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1661) (-)

Ion 71.00 (70.70 to 71.70): VN064779.D (-1661) (-)



#30

Chloroform

Concen: 50.223 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064985.D

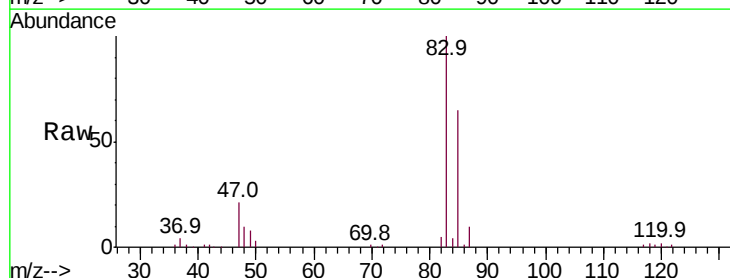
Acq: 8 Dec 2020 21:50

Tgt Ion: 83 Resp: 189676

Ion Ratio Lower Upper

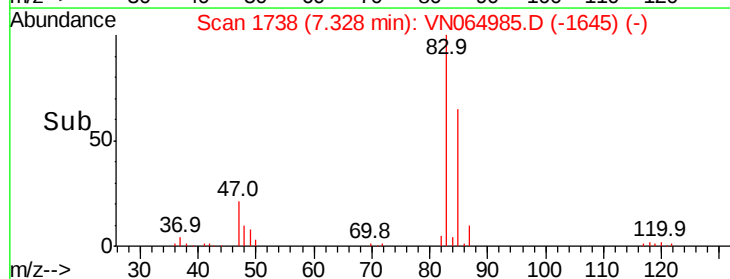
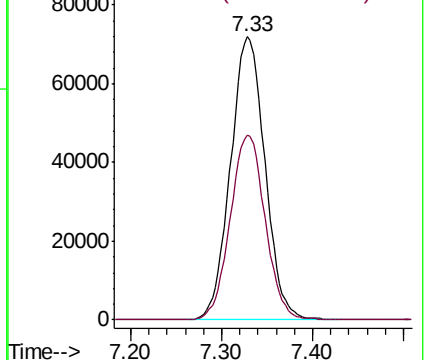
83 100

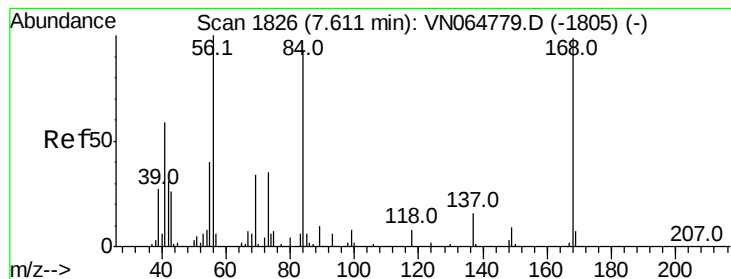
85 65.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-1718) (-)





#31

Cyclohexane

Concen: 43.916 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

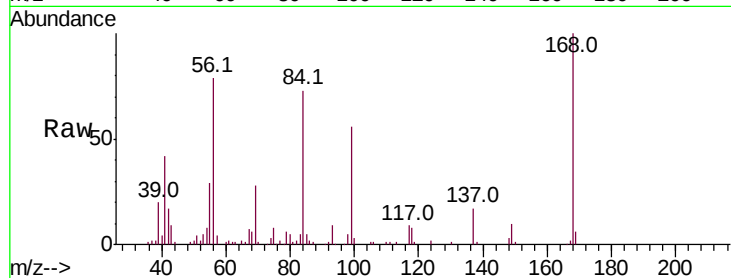
Tot Ion: 56 Resp: 136216

Ion Ratio Lower Upper

56 100

69 34.9 27.5 41.3

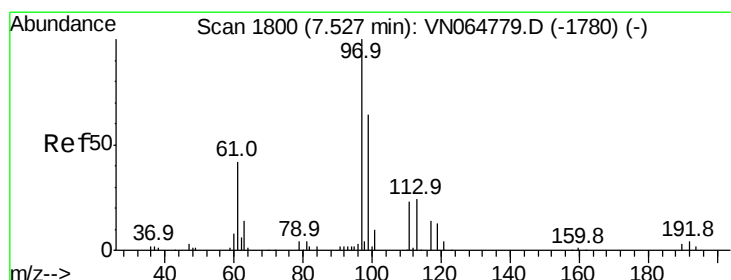
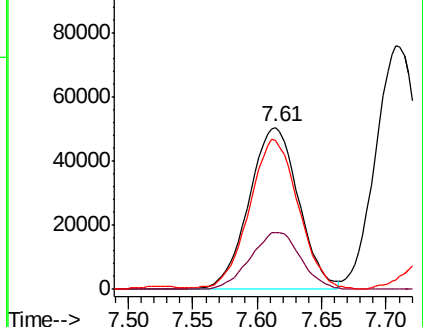
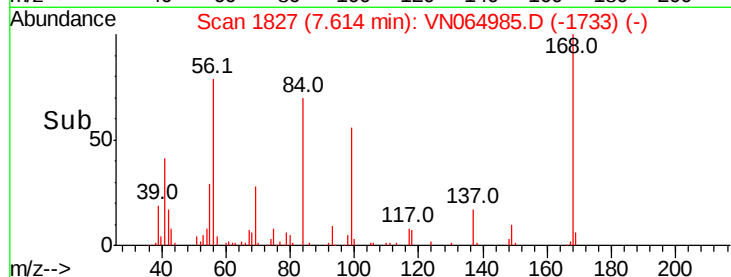
84 90.7 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064985.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064985.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064985.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 49.815 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

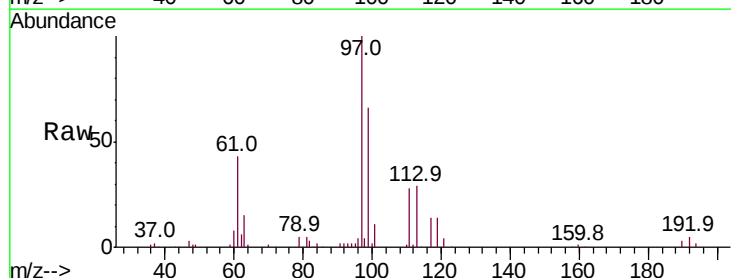
Tgt Ion: 97 Resp: 161585

Ion Ratio Lower Upper

97 100

99 65.3 51.7 77.5

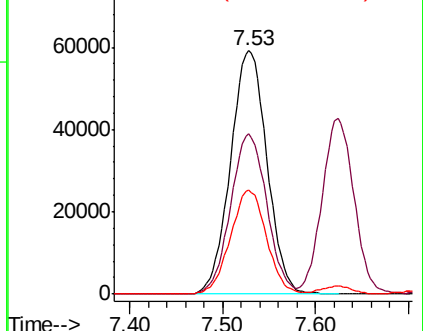
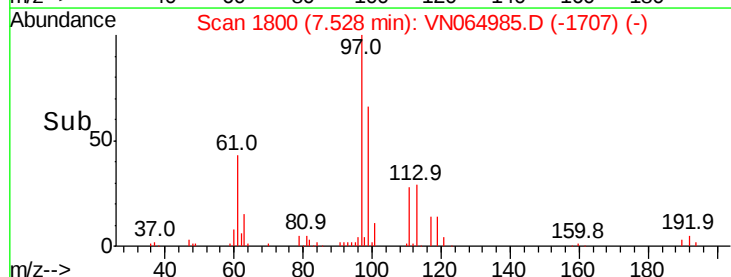
61 42.2 33.9 50.9

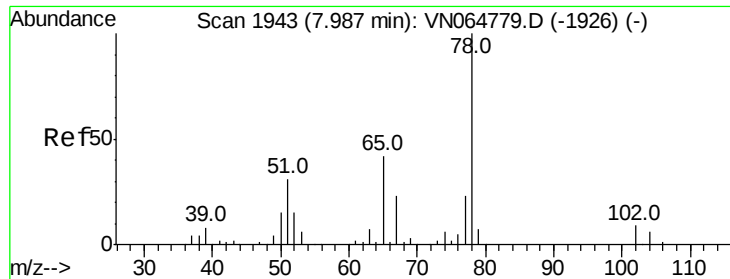


Abundance Ion 96.90 (96.60 to 97.60): VN064985.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064985.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064985.D (-1707) (-)

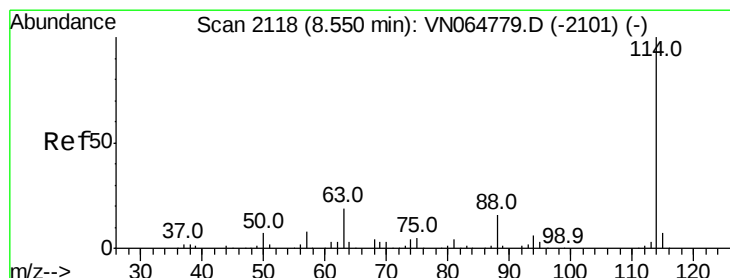
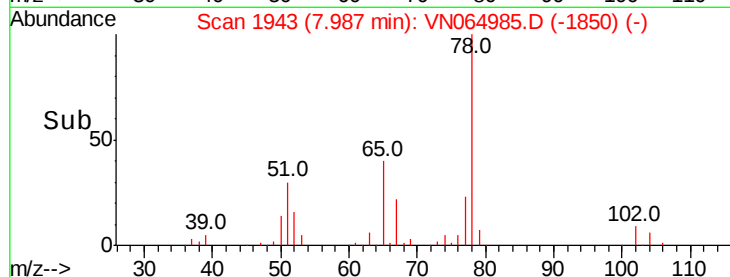
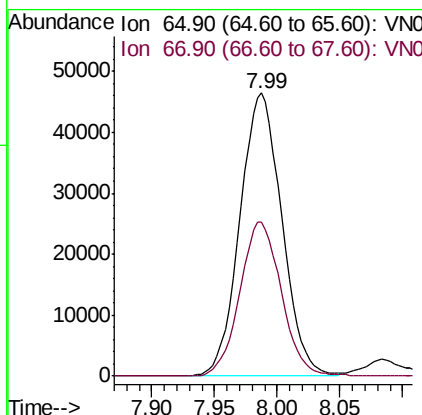
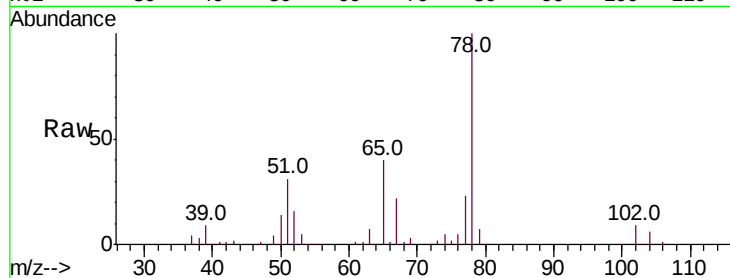




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.532 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

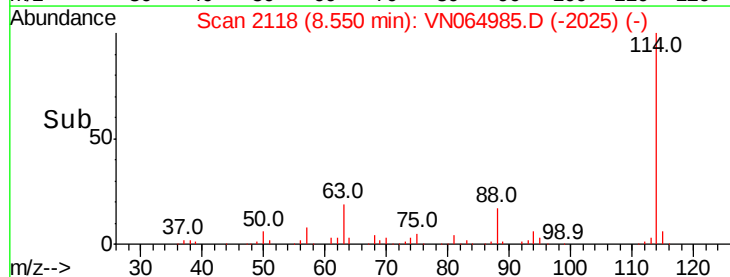
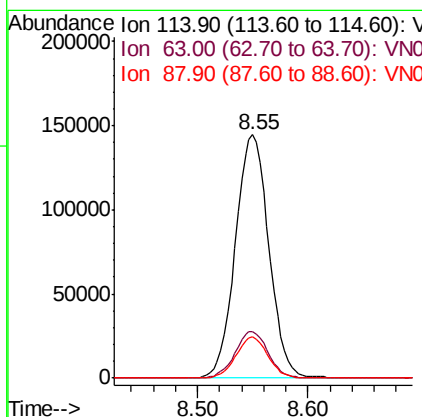
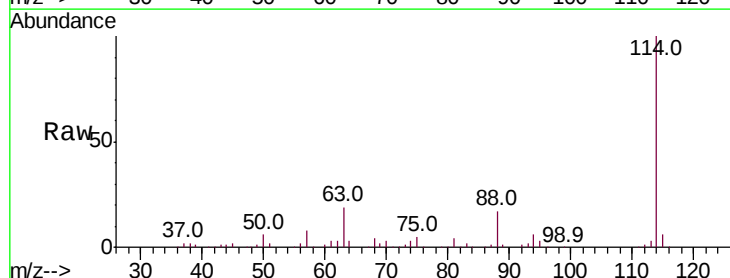
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

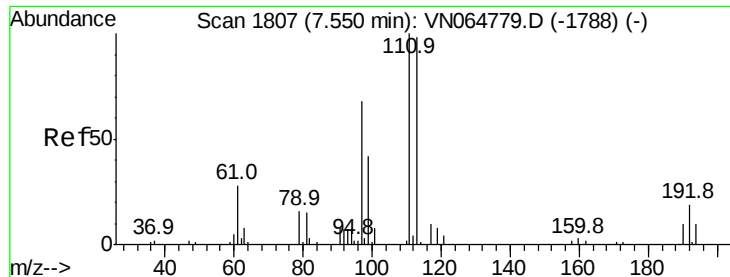
Tot Ion: 65 Resp: 108005  
 Ion Ratio Lower Upper  
 65 100  
 67 53.8 0.0 108.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Tgt Ion: 114 Resp: 303582  
 Ion Ratio Lower Upper  
 114 100  
 63 19.1 0.0 38.6  
 88 16.9 0.0 32.6

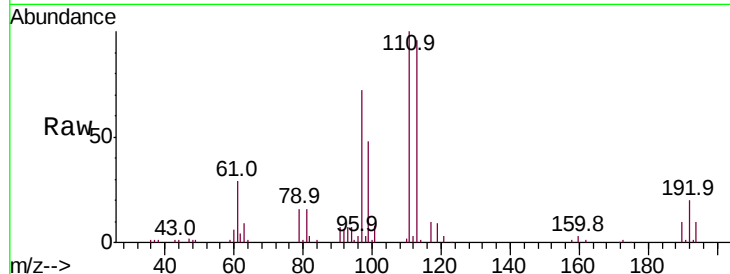




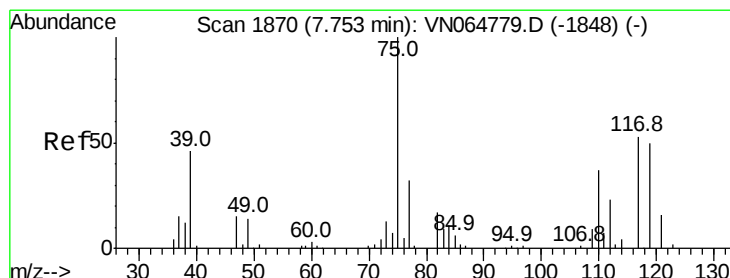
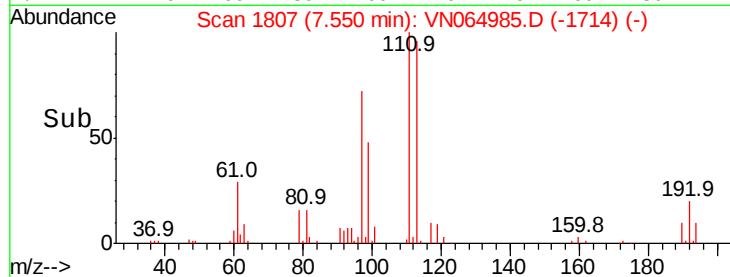
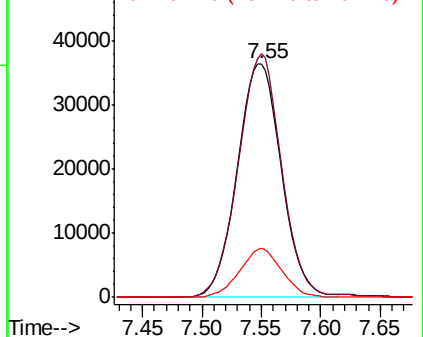
#35  
 Dibromofluoromethane  
 Concen: 51.637 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:113 Resp: 93800  
 Ion Ratio Lower Upper  
 113 100  
 111 101.8 81.6 122.4  
 192 19.8 16.2 24.2

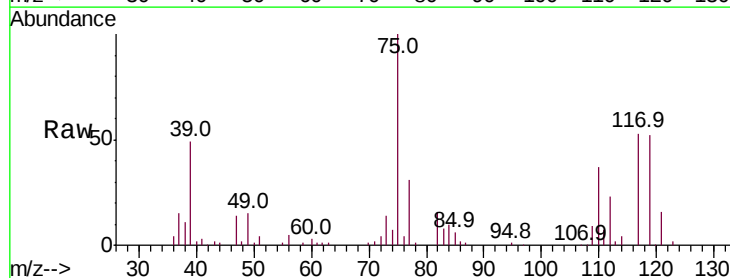


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

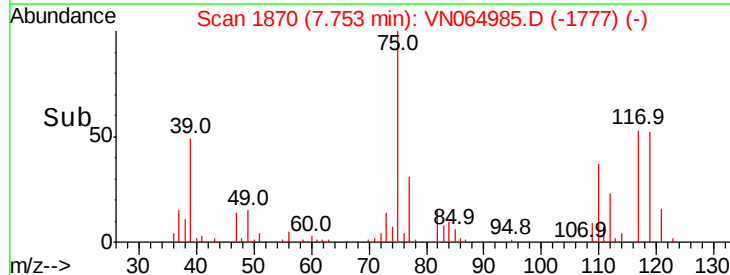
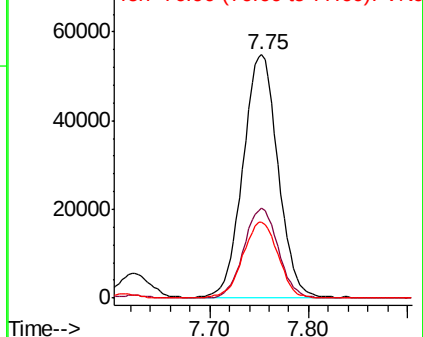


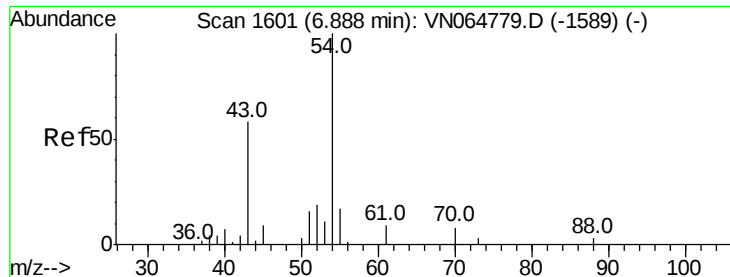
#36  
 1,1-Dichloropropene  
 Concen: 47.597 ug/l  
 RT: 7.75 min Scan# 1870  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Tgt Ion: 75 Resp: 133934  
 Ion Ratio Lower Upper  
 75 100  
 110 36.3 17.8 53.3  
 77 31.9 25.0 37.4



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

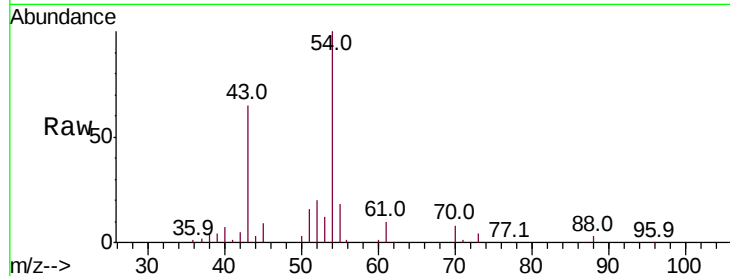




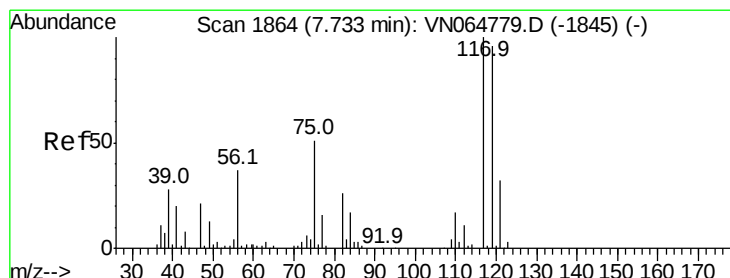
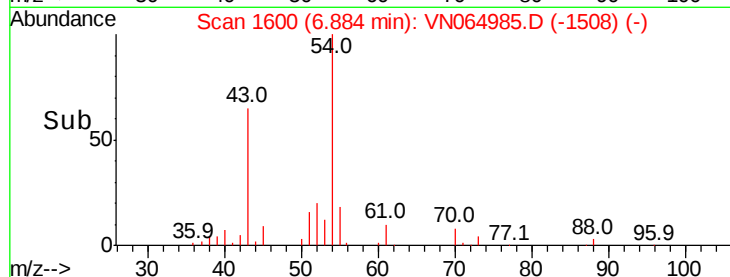
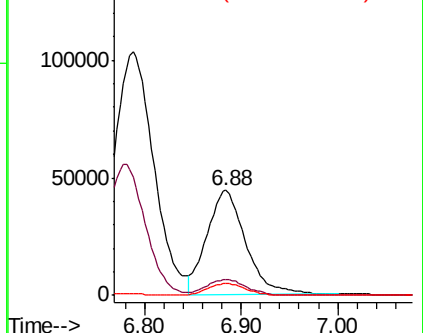
#37  
Ethyl Acetate  
Concen: 45.936 ug/l  
RT: 6.88 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 124512  
Ion Ratio Lower Upper  
43 100  
61 15.7 12.8 19.2  
70 11.4 8.8 13.2

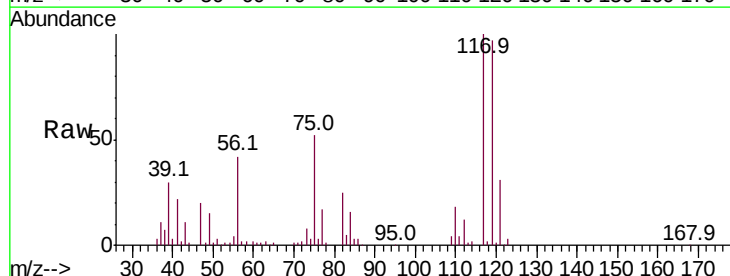


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

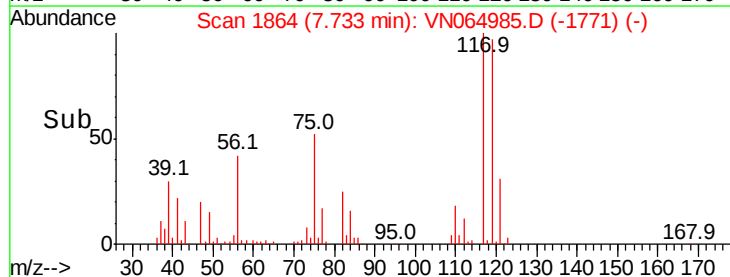
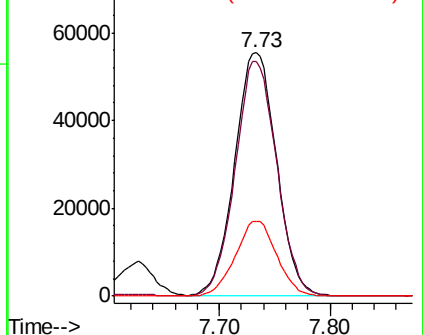


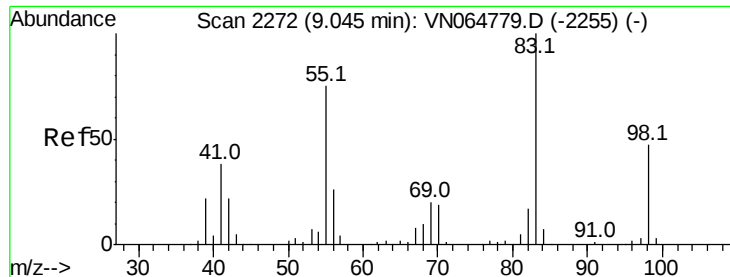
#38  
Carbon Tetrachloride  
Concen: 49.505 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion: 117 Resp: 144943  
Ion Ratio Lower Upper  
117 100  
119 96.9 76.7 115.1  
121 30.9 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

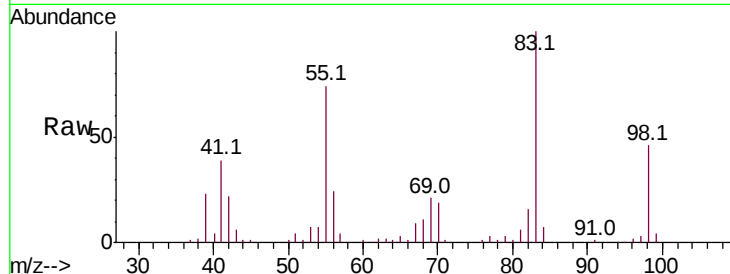




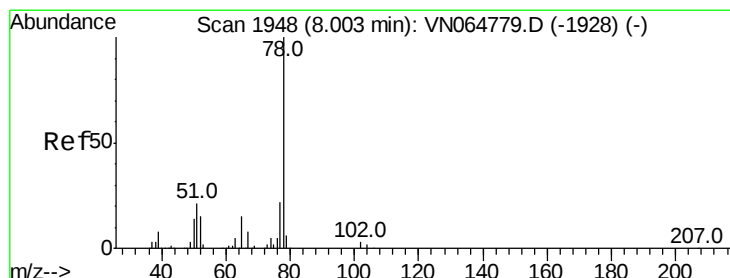
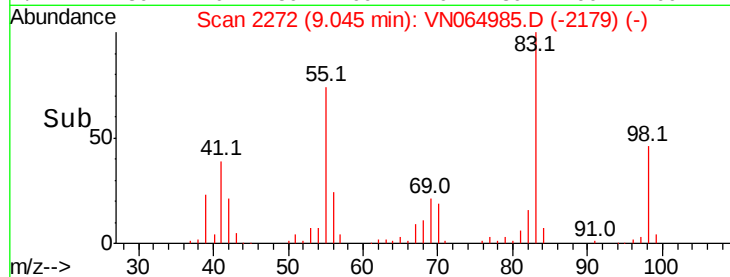
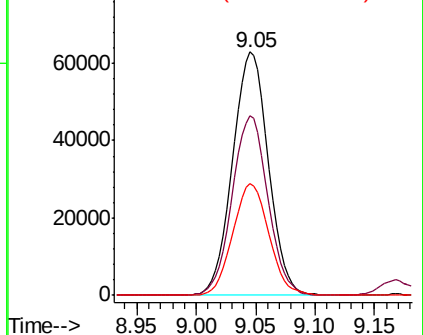
#39  
Methvlcvclohexane  
Concen: 43.343 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 83 Resp: 131295  
Ion Ratio Lower Upper  
83 100  
55 73.5 60.2 90.2  
98 45.9 37.4 56.2

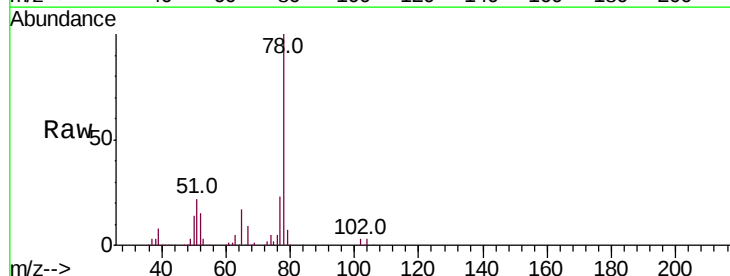


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

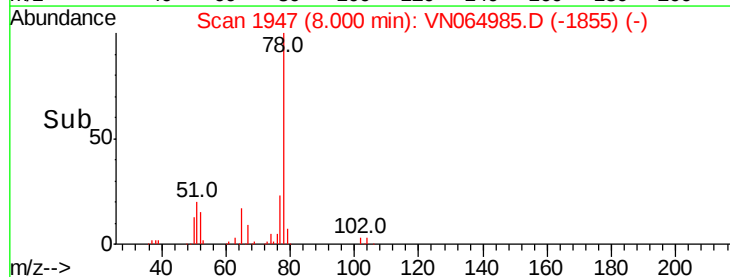
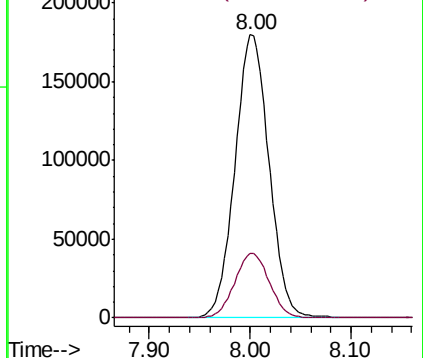


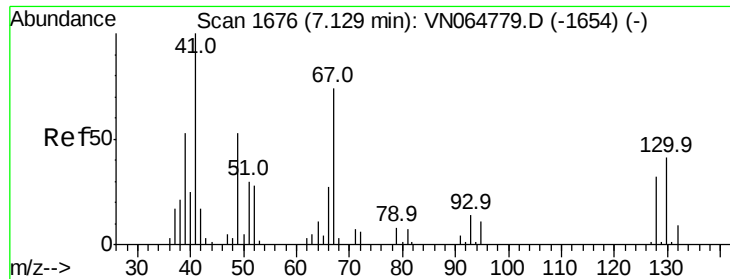
#40  
Benzene  
Concen: 48.877 ug/l  
RT: 8.00 min Scan# 1947  
Delta R.T. -0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion: 78 Resp: 421455  
Ion Ratio Lower Upper  
78 100  
77 22.8 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0

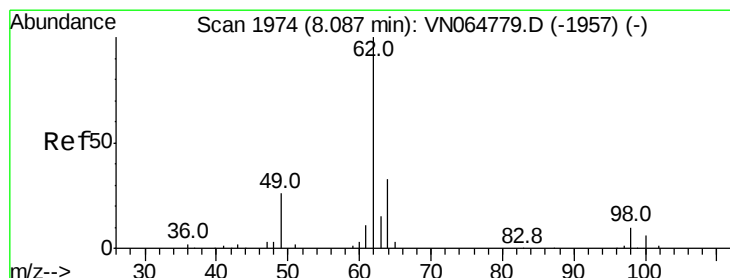
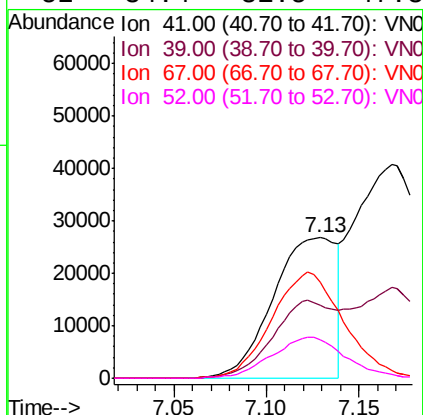
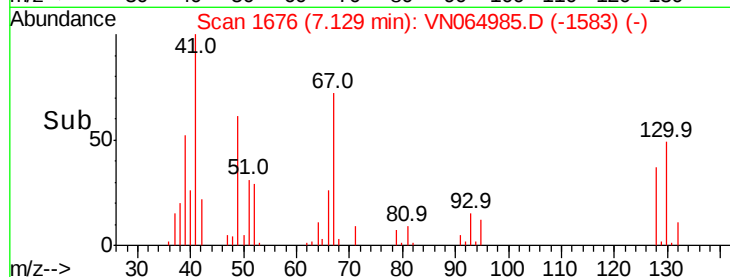
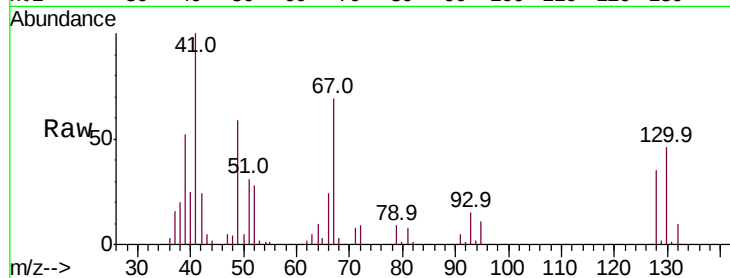




#41  
Methacrylonitrile  
Concen: 51.029 ug/l  
RT: 7.13 min Scan# 1676  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

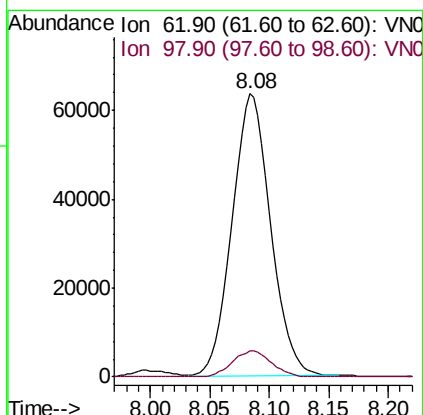
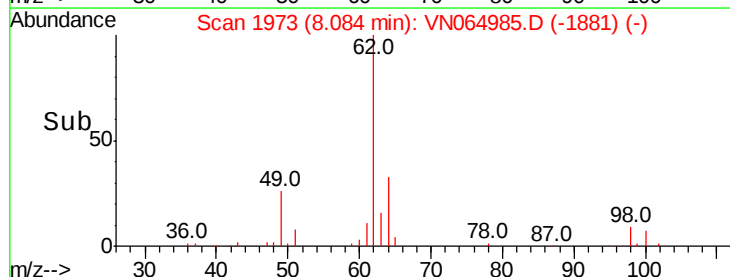
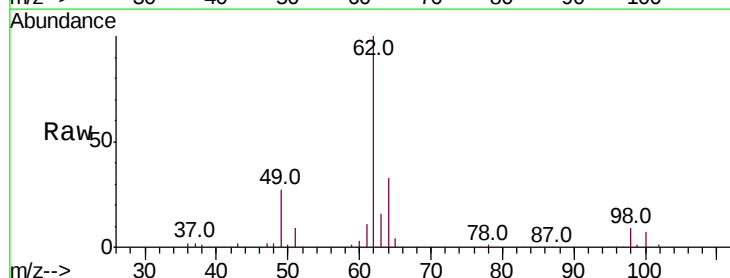
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

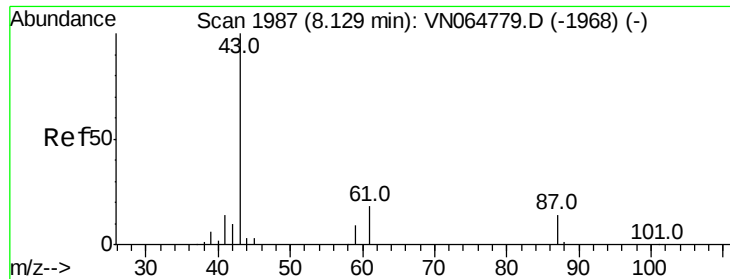
Tot Ion: 41 Resp: 63822  
Ion Ratio Lower Upper  
41 100  
39 53.1 51.0 76.6  
67 86.5 79.8 119.8  
52 34.4 31.5 47.3



#42  
1,2-Dichloroethane  
Concen: 49.006 ug/l  
RT: 8.08 min Scan# 1973  
Delta R.T. -0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion: 62 Resp: 142550  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 19.6





#43

Isopropyl Acetate

Concen: 48.728 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

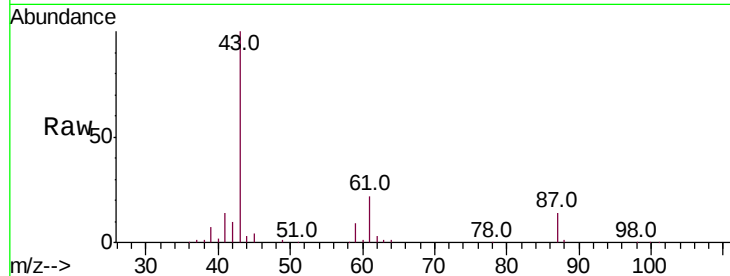
Tot Ion: 43 Resp: 212533

Ion Ratio Lower Upper

43 100

61 27.7 17.2 25.8#

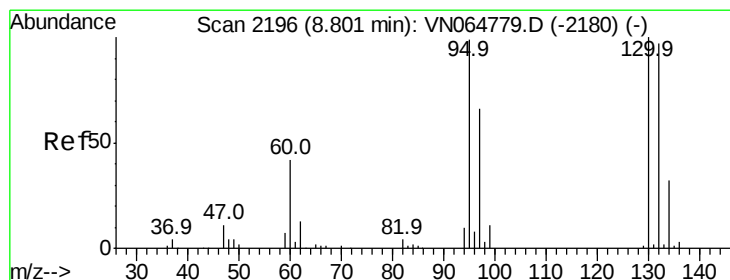
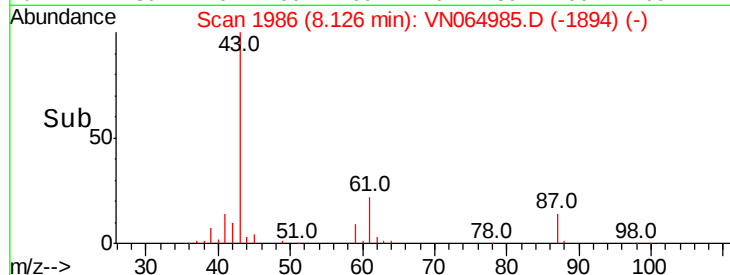
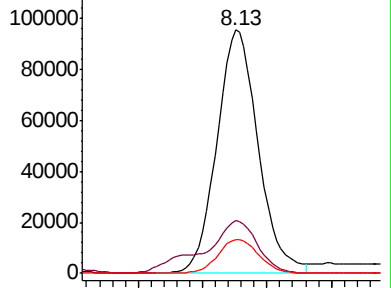
87 13.8 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 46.287 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064985.D

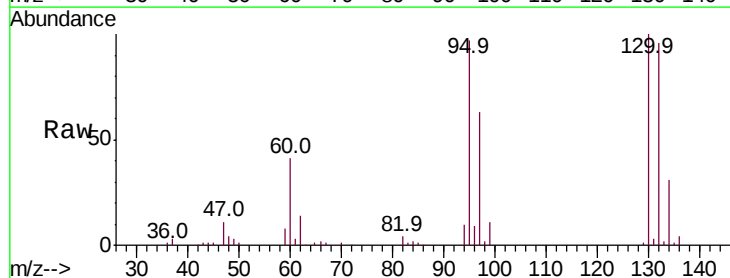
Acq: 8 Dec 2020 21:50

Tgt Ion:130 Resp: 117763

Ion Ratio Lower Upper

130 100

95 96.8 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)

Ion 130.90 (130.60 to 131.20): VN064779.D (-2180) (-)

Ion 131.00 (130.70 to 131.30): VN064779.D (-2180) (-)

Ion 131.10 (130.80 to 131.40): VN064779.D (-2180) (-)

Ion 131.20 (130.90 to 131.50): VN064779.D (-2180) (-)

Ion 131.30 (131.00 to 131.60): VN064779.D (-2180) (-)

Ion 131.40 (131.10 to 131.70): VN064779.D (-2180) (-)

Ion 131.50 (131.20 to 131.80): VN064779.D (-2180) (-)

Ion 131.60 (131.30 to 131.90): VN064779.D (-2180) (-)

Ion 131.70 (131.40 to 132.00): VN064779.D (-2180) (-)

Ion 131.80 (131.50 to 132.10): VN064779.D (-2180) (-)

Ion 131.90 (131.60 to 132.20): VN064779.D (-2180) (-)

Ion 132.00 (131.70 to 132.30): VN064779.D (-2180) (-)

Ion 132.10 (131.80 to 132.40): VN064779.D (-2180) (-)

Ion 132.20 (131.90 to 132.50): VN064779.D (-2180) (-)

Ion 132.30 (132.00 to 132.60): VN064779.D (-2180) (-)

Ion 132.40 (132.10 to 132.70): VN064779.D (-2180) (-)

Ion 132.50 (132.20 to 132.80): VN064779.D (-2180) (-)

Ion 132.60 (132.30 to 132.90): VN064779.D (-2180) (-)

Ion 132.70 (132.40 to 133.10): VN064779.D (-2180) (-)

Ion 132.80 (132.50 to 133.20): VN064779.D (-2180) (-)

Ion 132.90 (132.60 to 133.30): VN064779.D (-2180) (-)

Ion 133.00 (132.70 to 133.40): VN064779.D (-2180) (-)

Ion 133.10 (132.80 to 133.50): VN064779.D (-2180) (-)

Ion 133.20 (132.90 to 133.60): VN064779.D (-2180) (-)

Ion 133.30 (133.00 to 133.70): VN064779.D (-2180) (-)

Ion 133.40 (133.10 to 133.80): VN064779.D (-2180) (-)

Ion 133.50 (133.20 to 134.00): VN064779.D (-2180) (-)

Ion 133.60 (133.30 to 134.10): VN064779.D (-2180) (-)

Ion 133.70 (133.40 to 134.20): VN064779.D (-2180) (-)

Ion 133.80 (133.50 to 134.30): VN064779.D (-2180) (-)

Ion 133.90 (133.60 to 134.40): VN064779.D (-2180) (-)

Ion 134.00 (133.70 to 134.50): VN064779.D (-2180) (-)

Ion 134.10 (133.80 to 134.60): VN064779.D (-2180) (-)

Ion 134.20 (133.90 to 134.70): VN064779.D (-2180) (-)

Ion 134.30 (134.00 to 134.80): VN064779.D (-2180) (-)

Ion 134.40 (134.10 to 134.90): VN064779.D (-2180) (-)

Ion 134.50 (134.20 to 135.00): VN064779.D (-2180) (-)

Ion 134.60 (134.30 to 135.10): VN064779.D (-2180) (-)

Ion 134.70 (134.40 to 135.20): VN064779.D (-2180) (-)

Ion 134.80 (134.50 to 135.30): VN064779.D (-2180) (-)

Ion 134.90 (134.60 to 135.40): VN064779.D (-2180) (-)

Ion 135.00 (134.70 to 135.50): VN064779.D (-2180) (-)

Ion 135.10 (134.80 to 135.60): VN064779.D (-2180) (-)

Ion 135.20 (134.90 to 135.70): VN064779.D (-2180) (-)

Ion 135.30 (135.00 to 135.80): VN064779.D (-2180) (-)

Ion 135.40 (135.10 to 135.90): VN064779.D (-2180) (-)

Ion 135.50 (135.20 to 136.00): VN064779.D (-2180) (-)

Ion 135.60 (135.30 to 136.10): VN064779.D (-2180) (-)

Ion 135.70 (135.40 to 136.20): VN064779.D (-2180) (-)

Ion 135.80 (135.50 to 136.30): VN064779.D (-2180) (-)

Ion 135.90 (135.60 to 136.40): VN064779.D (-2180) (-)

Ion 136.00 (135.70 to 136.50): VN064779.D (-2180) (-)

Ion 136.10 (135.80 to 136.60): VN064779.D (-2180) (-)

Ion 136.20 (135.90 to 136.70): VN064779.D (-2180) (-)

Ion 136.30 (136.00 to 136.80): VN064779.D (-2180) (-)

Ion 136.40 (136.10 to 136.90): VN064779.D (-2180) (-)

Ion 136.50 (136.20 to 137.00): VN064779.D (-2180) (-)

Ion 136.60 (136.30 to 137.10): VN064779.D (-2180) (-)

Ion 136.70 (136.40 to 137.20): VN064779.D (-2180) (-)

Ion 136.80 (136.50 to 137.30): VN064779.D (-2180) (-)

Ion 136.90 (136.60 to 137.40): VN064779.D (-2180) (-)

Ion 137.00 (136.70 to 137.50): VN064779.D (-2180) (-)

Ion 137.10 (136.80 to 137.60): VN064779.D (-2180) (-)

Ion 137.20 (136.90 to 137.70): VN064779.D (-2180) (-)

Ion 137.30 (137.00 to 137.80): VN064779.D (-2180) (-)

Ion 137.40 (137.10 to 137.90): VN064779.D (-2180) (-)

Ion 137.50 (137.20 to 138.00): VN064779.D (-2180) (-)

Ion 137.60 (137.30 to 138.10): VN064779.D (-2180) (-)

Ion 137.70 (137.40 to 138.20): VN064779.D (-2180) (-)

Ion 137.80 (137.50 to 138.30): VN064779.D (-2180) (-)

Ion 137.90 (137.60 to 138.40): VN064779.D (-2180) (-)

Ion 138.00 (137.70 to 138.50): VN064779.D (-2180) (-)

Ion 138.10 (137.80 to 138.60): VN064779.D (-2180) (-)

Ion 138.20 (137.90 to 138.70): VN064779.D (-2180) (-)

Ion 138.30 (138.00 to 138.80): VN064779.D (-2180) (-)

Ion 138.40 (138.10 to 138.90): VN064779.D (-2180) (-)

Ion 138.50 (138.20 to 139.00): VN064779.D (-2180) (-)

Ion 138.60 (138.30 to 139.10): VN064779.D (-2180) (-)

Ion 138.70 (138.40 to 139.20): VN064779.D (-2180) (-)

Ion 138.80 (138.50 to 139.30): VN064779.D (-2180) (-)

Ion 138.90 (138.60 to 139.40): VN064779.D (-2180) (-)

Ion 139.00 (138.70 to 139.50): VN064779.D (-2180) (-)

Ion 139.10 (138.80 to 139.60): VN064779.D (-2180) (-)

Ion 139.20 (138.90 to 139.70): VN064779.D (-2180) (-)

Ion 139.30 (139.00 to 139.80): VN064779.D (-2180) (-)

Ion 139.40 (139.10 to 139.90): VN064779.D (-2180) (-)

Ion 139.50 (139.20 to 140.00): VN064779.D (-2180) (-)

Ion 139.60 (139.30 to 140.10): VN064779.D (-2180) (-)

Ion 139.70 (139.40 to 140.20): VN064779.D (-2180) (-)

Ion 139.80 (139.50 to 140.30): VN064779.D (-2180) (-)

Ion 139.90 (139.60 to 140.40): VN064779.D (-2180) (-)

Ion 140.00 (139.70 to 140.50): VN064779.D (-2180) (-)

Ion 140.10 (139.80 to 140.60): VN064779.D (-2180) (-)

Ion 140.20 (139.90 to 140.70): VN064779.D (-2180) (-)

Ion 140.30 (140.00 to 140.80): VN064779.D (-2180) (-)

Ion 140.40 (140.10 to 140.90): VN064779.D (-2180) (-)

Ion 140.50 (140.20 to 141.00): VN064779.D (-2180) (-)

Ion 140.60 (140.30 to 141.10): VN064779.D (-2180) (-)

Ion 140.70 (140.40 to 141.20): VN064779.D (-2180) (-)

Ion 140.80 (140.50 to 141.30): VN064779.D (-2180) (-)

Ion 140.90 (140.60 to 141.40): VN064779.D (-2180) (-)

Ion 141.00 (140.70 to 141.50): VN064779.D (-2180) (-)

Ion 141.10 (140.80 to 141.60): VN064779.D (-2180) (-)

Ion 141.20 (140.90 to 141.70): VN064779.D (-2180) (-)

Ion 141.30 (141.00 to 141.80): VN064779.D (-2180) (-)

Ion 141.40 (141.10 to 141.90): VN064779.D (-2180) (-)

Ion 141.50 (141.20 to 142.00): VN064779.D (-2180) (-)

Ion 141.60 (141.30 to 142.10): VN064779.D (-2180) (-)

Ion 141.70 (141.40 to 142.20): VN064779.D (-2180) (-)

Ion 141.80 (141.50 to 142.30): VN064779.D (-2180) (-)

Ion 141.90 (141.60 to 142.40): VN064779.D (-2180) (-)

Ion 142.00 (141.70 to 142.50): VN064779.D (-2180) (-)

Ion 142.10 (141.80 to 142.60): VN064779.D (-2180) (-)

Ion 142.20 (141.90 to 142.70): VN064779.D (-2180) (-)

Ion 142.30 (142.00 to 142.80): VN064779.D (-2180) (-)

Ion 142.40 (142.10 to 142.90): VN064779.D (-2180) (-)

Ion 142.50 (142.20 to 143.00): VN064779.D (-2180) (-)

Ion 142.60 (142.30 to 143.10): VN064779.D (-2180) (-)

Ion 142.70 (142.40 to 143.20): VN064779.D (-2180) (-)

Ion 142.80 (142.50 to 143.30): VN064779.D (-2180) (-)

Ion 142.90 (142.60 to 143.40): VN064779.D (-2180) (-)

Ion 143.00 (142.70 to 143.50): VN064779.D (-2180) (-)

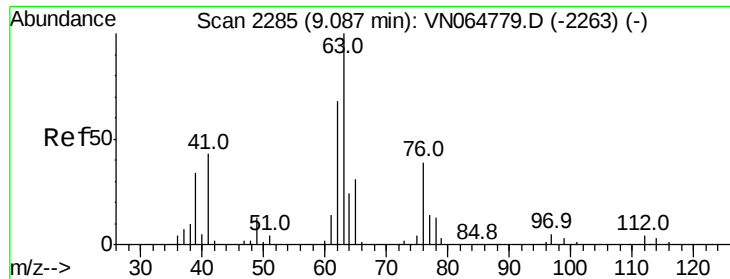
Ion 143.10 (142.80 to 143.60): VN064779.D (-2180) (-)

Ion 143.20 (142.90 to 143.70): VN064779.D (-2180) (-)

Ion 143.30 (143.00 to 143.80): VN064779.D (-2180) (-)

Ion 143.40 (143.10 to 143.90): VN064779.D (-2180) (-)

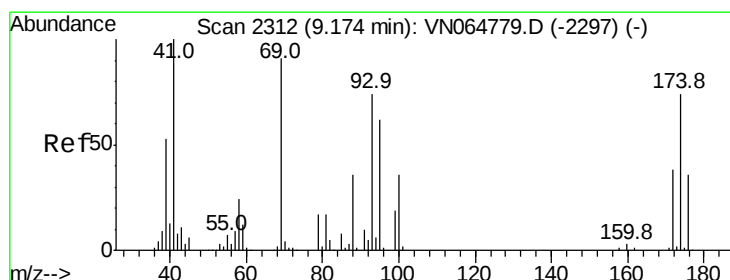
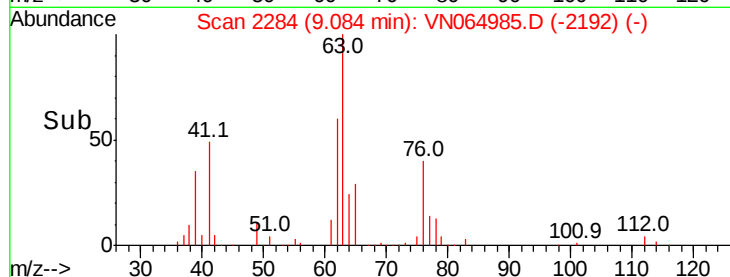
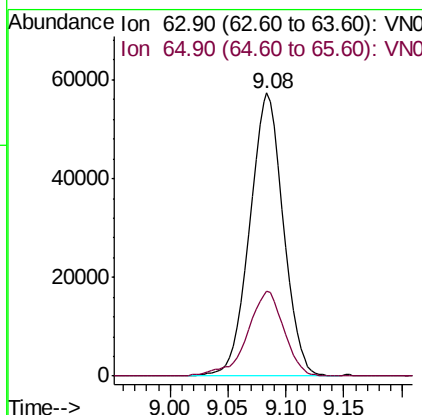
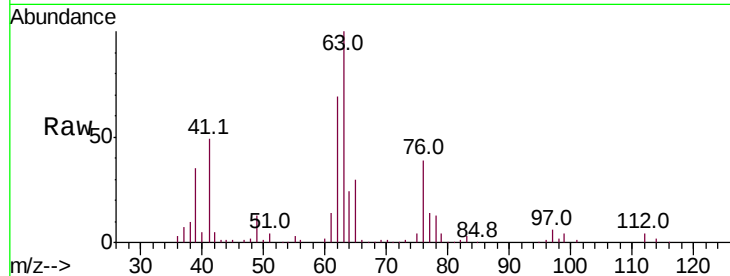
Ion 143.50 (143.20 to 144.00



#45  
 1,2-Dichloropropane  
 Concen: 51.911 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

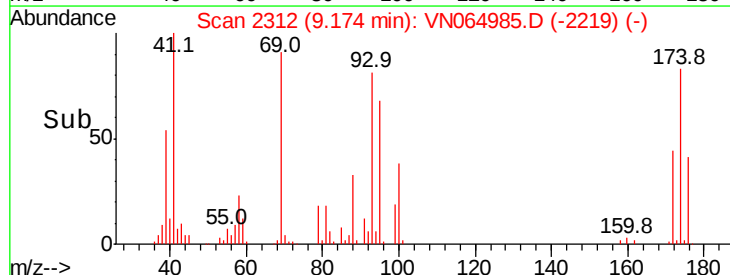
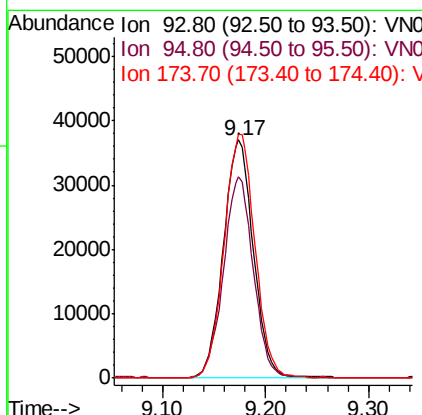
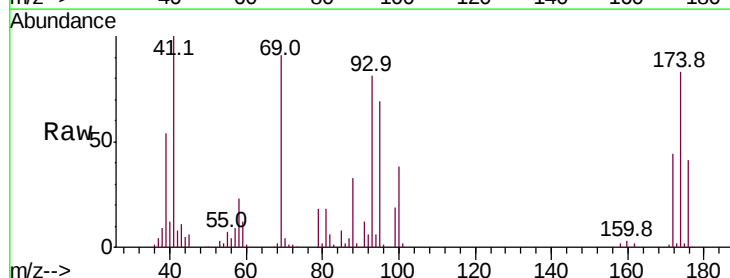
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

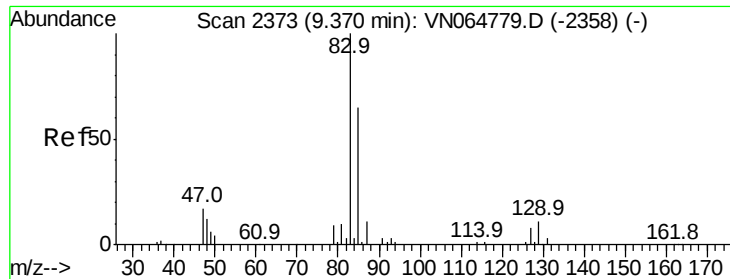
Tot Ion: 63 Resp: 115919  
 Ion Ratio Lower Upper  
 63 100  
 65 30.1 25.0 37.4



#46  
 Dibromomethane  
 Concen: 50.543 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Tgt Ion: 93 Resp: 75400  
 Ion Ratio Lower Upper  
 93 100  
 95 83.8 68.8 103.2  
 174 104.6 83.1 124.7





#47

Bromodichloromethane

Concen: 50.981 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

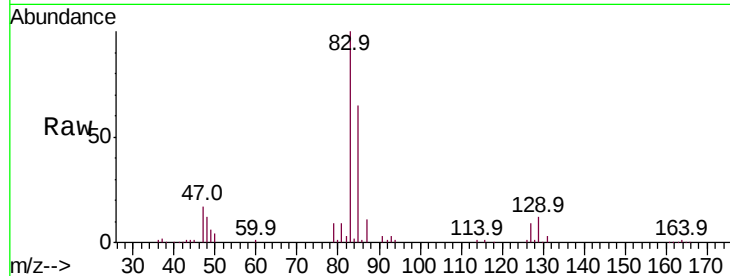
Tot Ion: 83 Resp: 153030

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.8

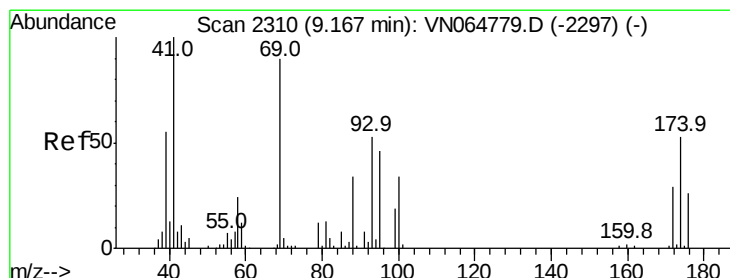
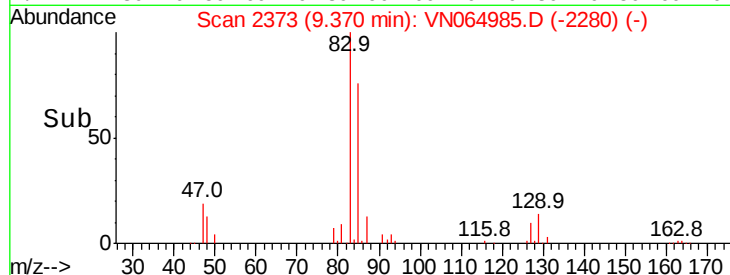
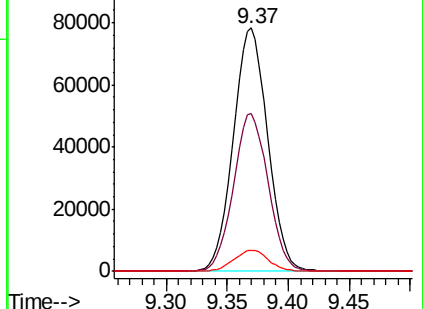
127 8.8 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)



#48

Methyl methacrylate

Concen: 50.269 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

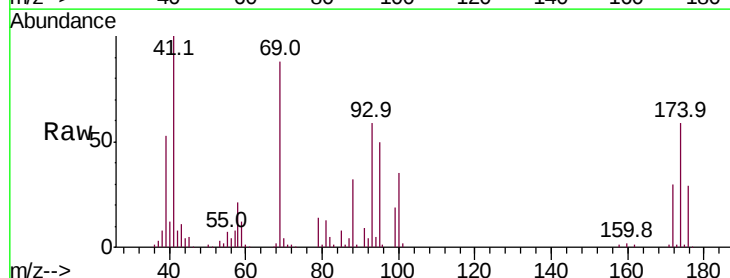
Tgt Ion: 41 Resp: 104766

Ion Ratio Lower Upper

41 100

69 89.7 71.8 107.8

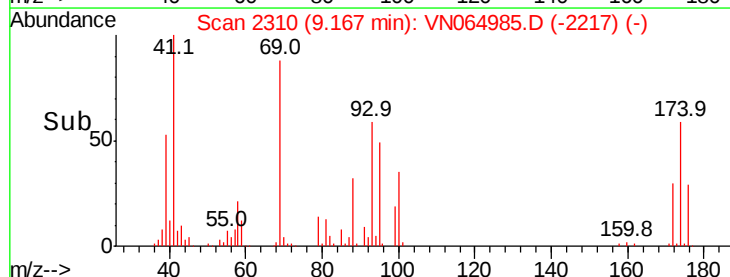
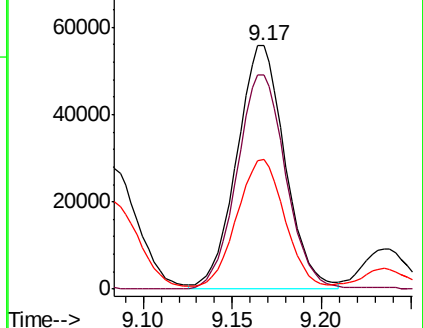
39 54.1 44.1 66.1

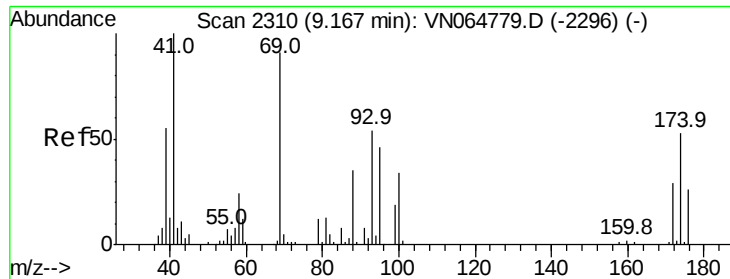


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)

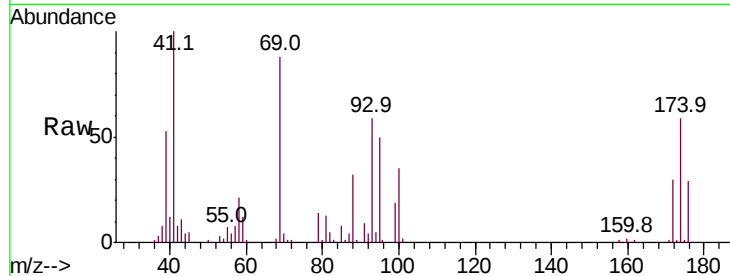




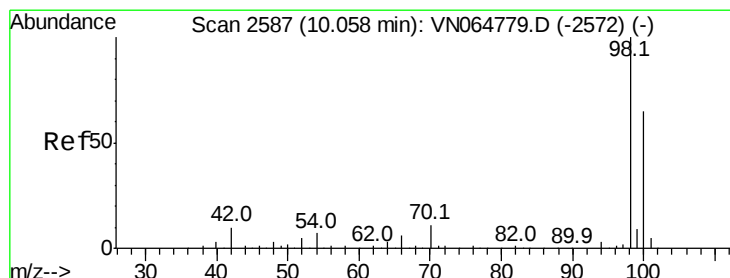
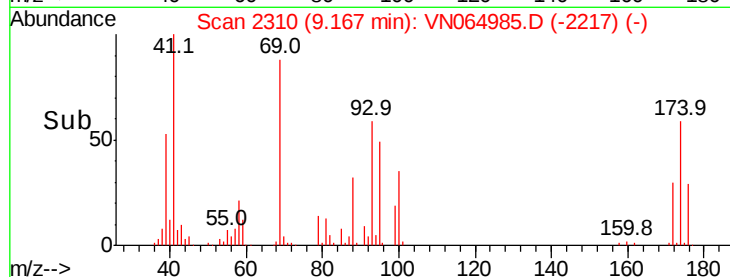
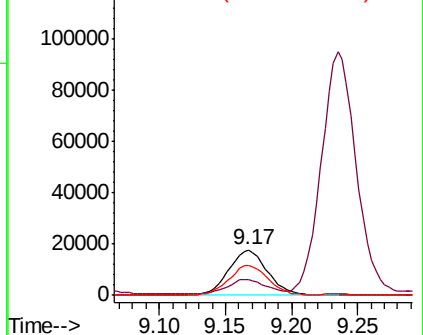
#49  
 1,4-Dioxane  
 Concen: 909.865 ug/l  
 RT: 9.17 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 88 Resp: 35840  
 Ion Ratio Lower Upper  
 88 100  
 43 31.9 24.2 36.4  
 58 67.8 52.5 78.7

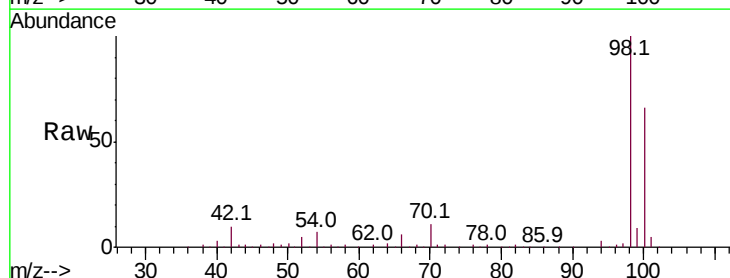


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

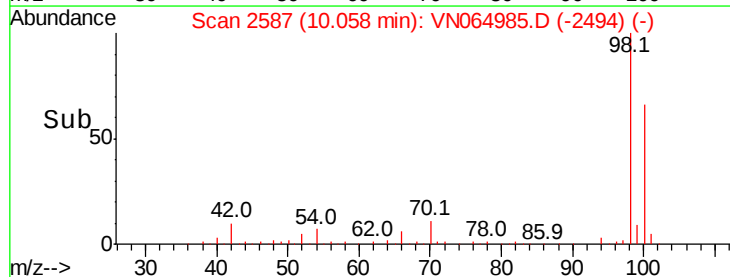
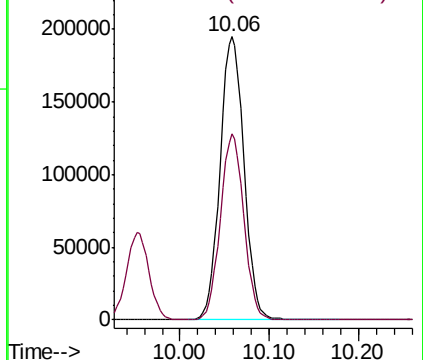


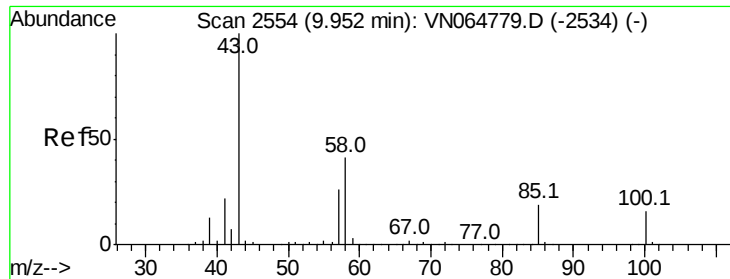
#50  
 Toluene-d8  
 Concen: 48.651 ug/l  
 RT: 10.06 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Tgt Ion: 98 Resp: 361100  
 Ion Ratio Lower Upper  
 98 100  
 100 64.5 51.7 77.5



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: 246.144 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

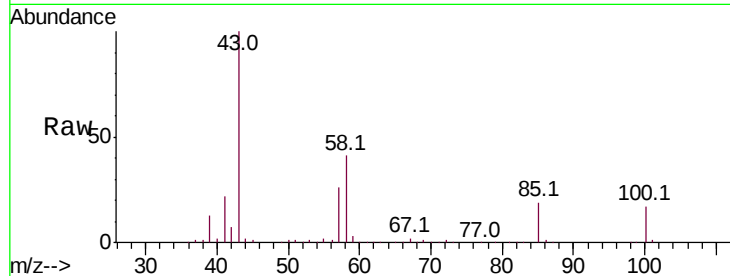
VSTDCCC050

Tot Ion: 43 Resp: 644521

Ion Ratio Lower Upper

43 100

58 40.8 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

400000

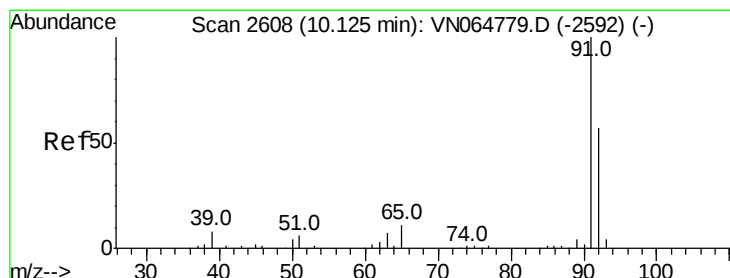
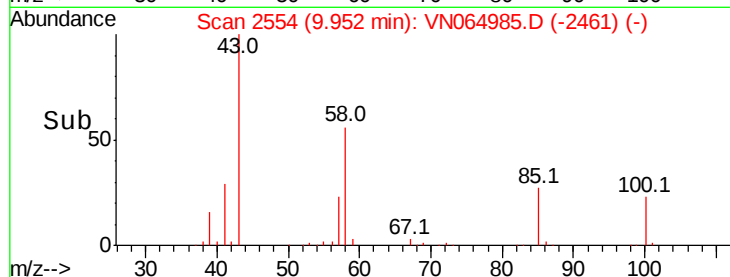
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.850 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064985.D

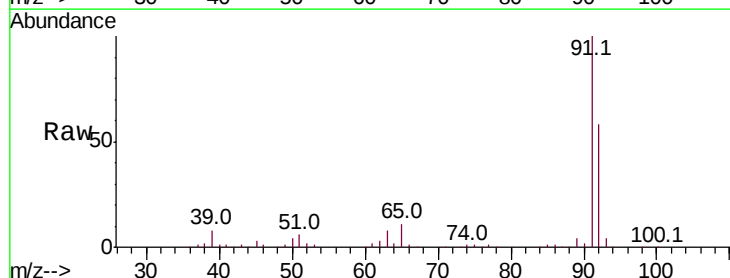
Acq: 8 Dec 2020 21:50

Tgt Ion: 92 Resp: 270028

Ion Ratio Lower Upper

92 100

91 172.2 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

300000

250000

200000

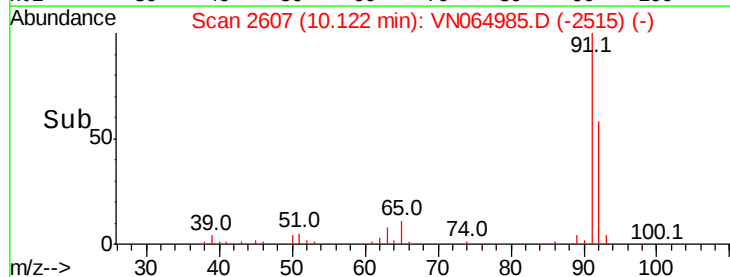
150000

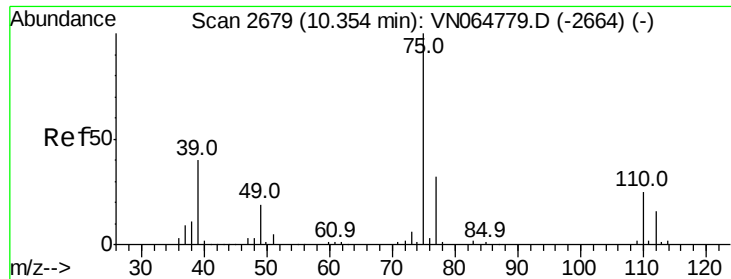
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.029 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

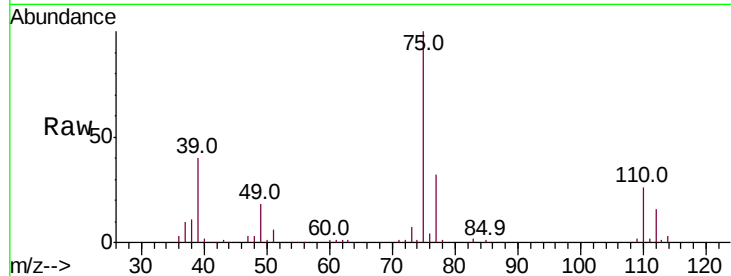
VSTDCCC050

Tot Ion: 75 Resp: 163918

Ion Ratio Lower Upper

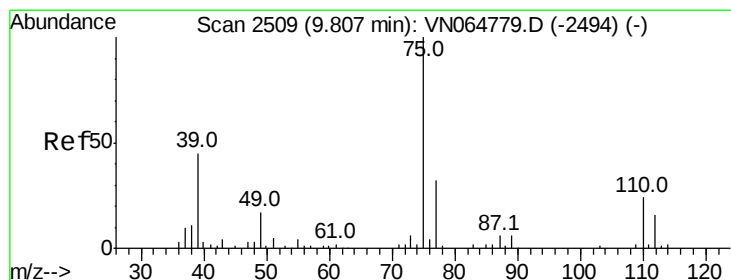
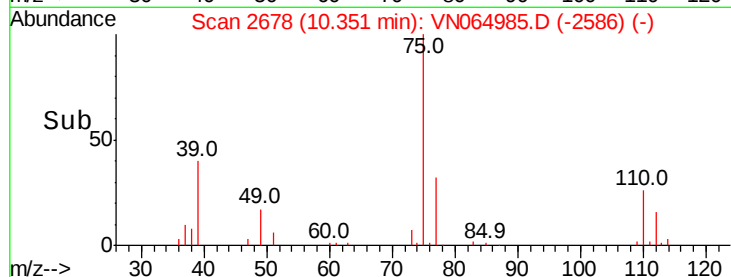
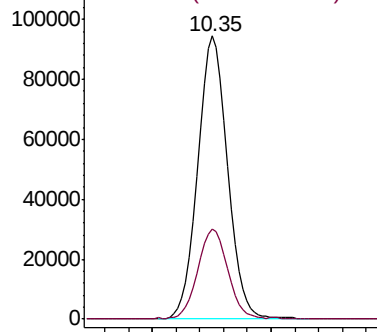
75 100

77 31.5 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.991 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

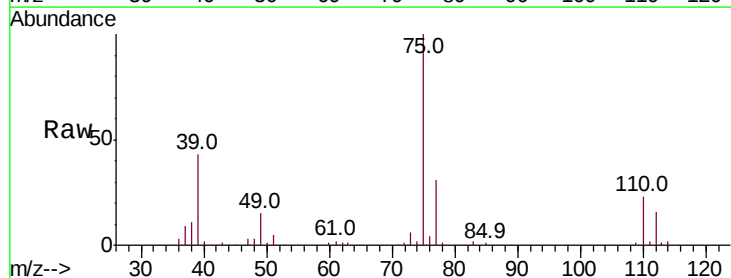
Tgt Ion: 75 Resp: 182731

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

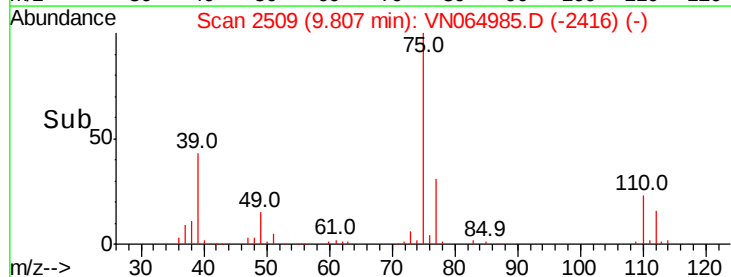
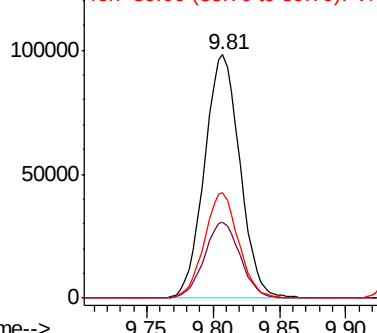
39 43.2 35.6 53.4

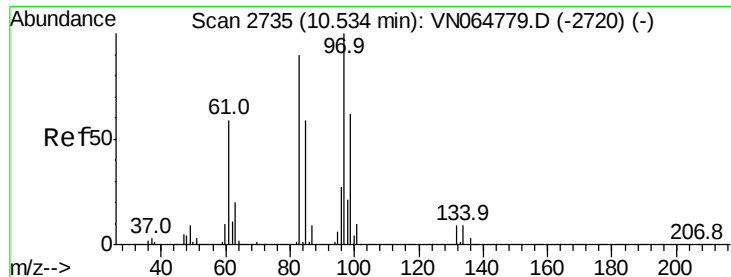


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 50.828 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 110990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.2  | 72.1  | 108.1 |
| 85  | 56.7  | 46.8  | 70.2  |
| 99  | 65.7  | 49.6  | 74.4  |

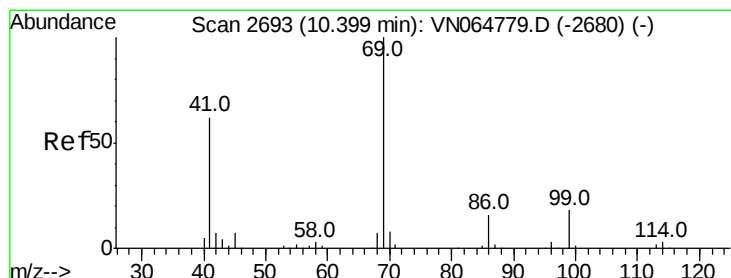
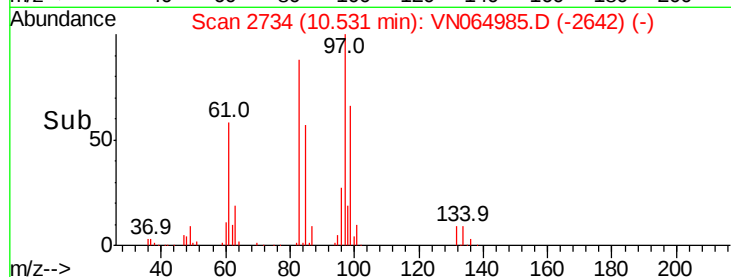
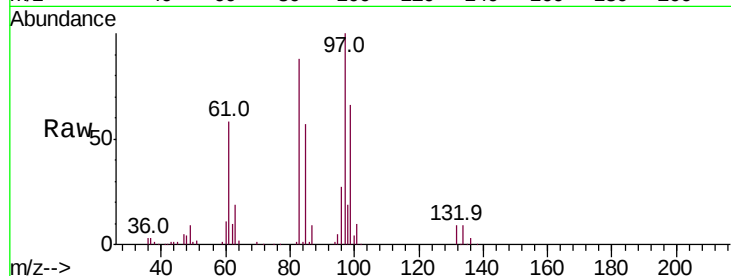
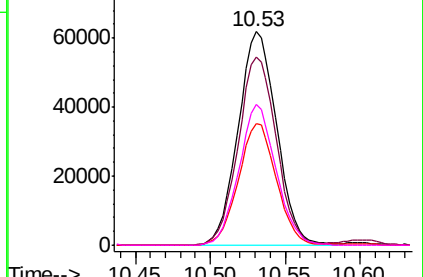
Abundance

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: 51.608 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Tgt Ion: 69 Resp: 155513

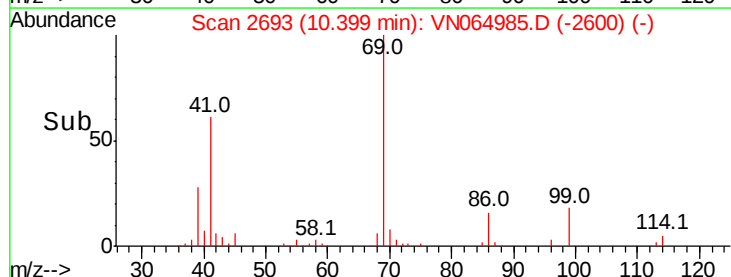
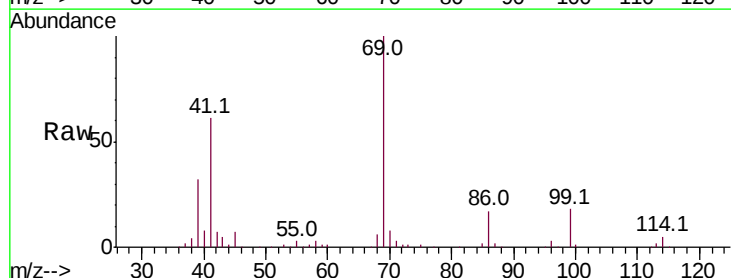
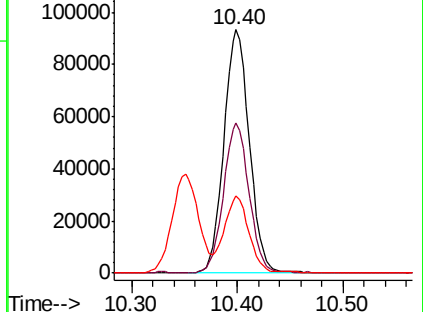
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.9  | 49.4  | 74.0  |
| 39  | 30.0  | 25.9  | 38.9  |

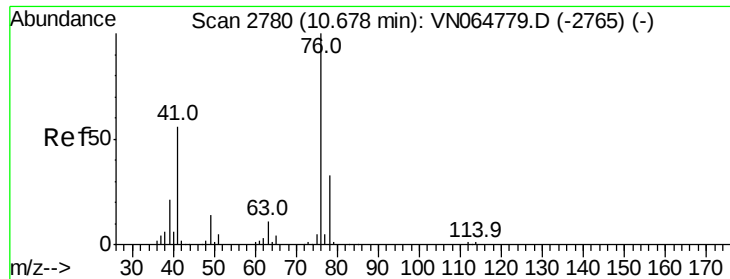
Abundance

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

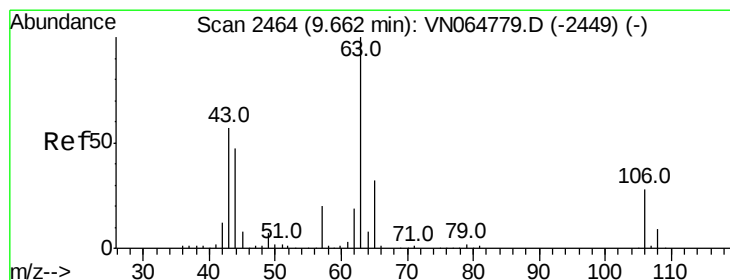
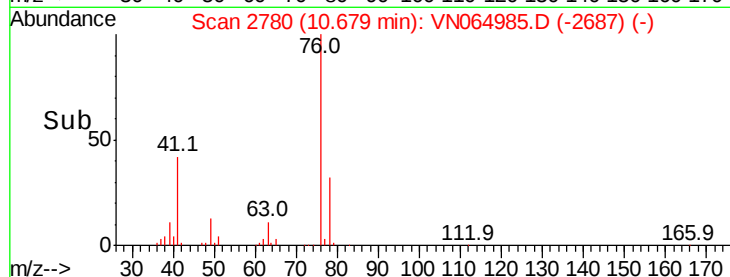
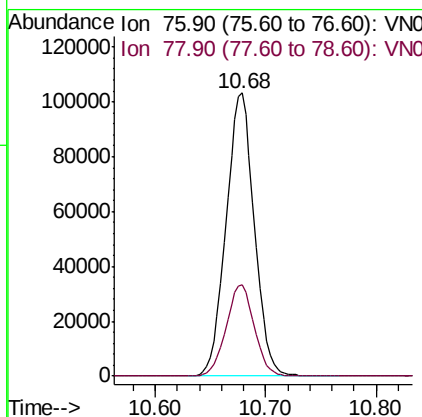
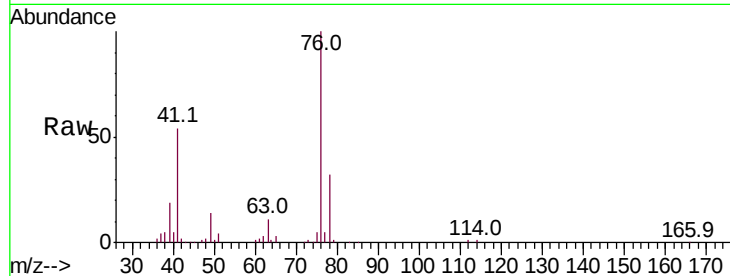




#57  
 1,3-Dichloropropane  
 Concen: 50.667 ug/l  
 RT: 10.68 min Scan# 2780  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

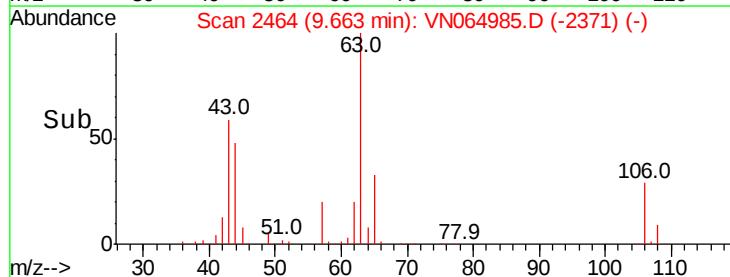
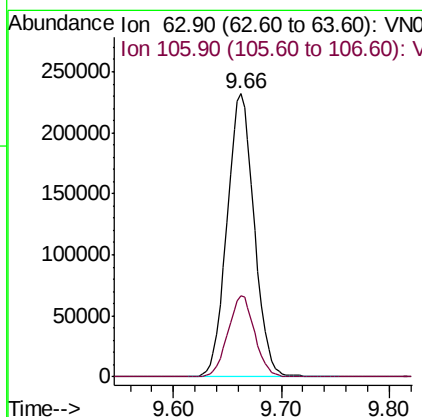
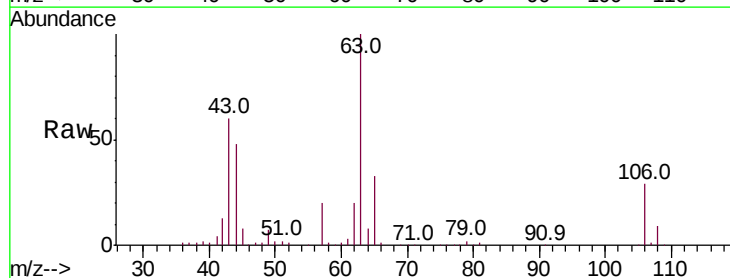
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

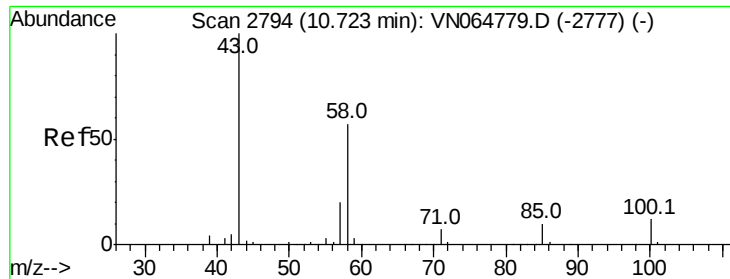
Tot Ion: 76 Resp: 182506  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 26.1 39.1



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 245.783 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Tgt Ion: 63 Resp: 407396  
 Ion Ratio Lower Upper  
 63 100  
 106 28.3 22.7 34.1

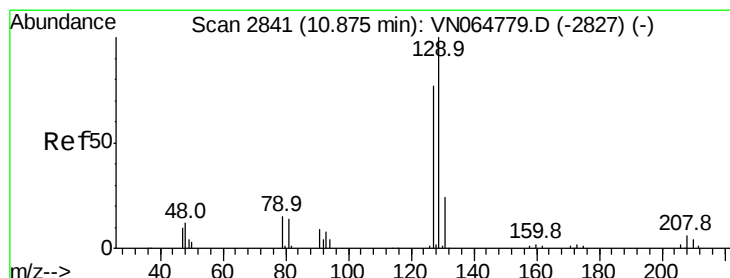
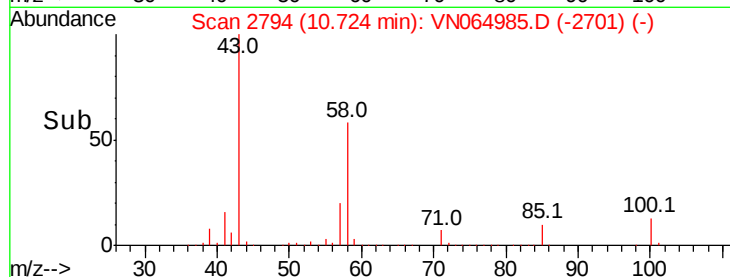
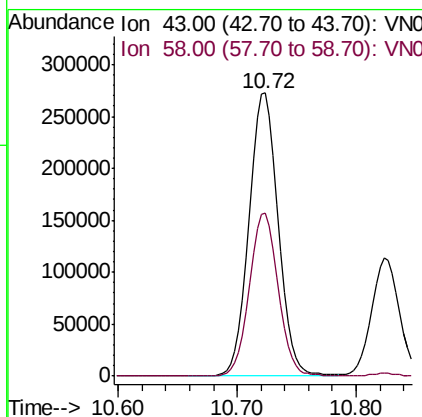
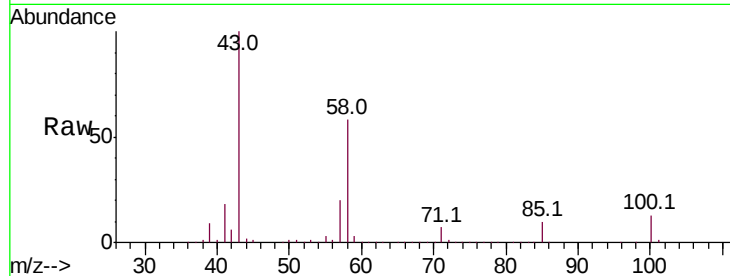




#59  
2-Hexanone  
Concen: 246.046 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

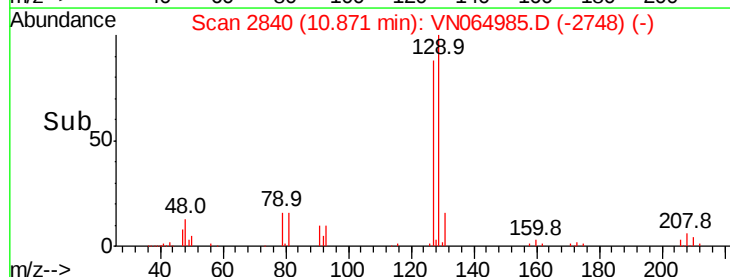
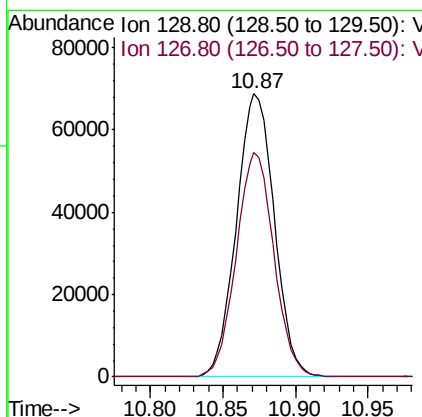
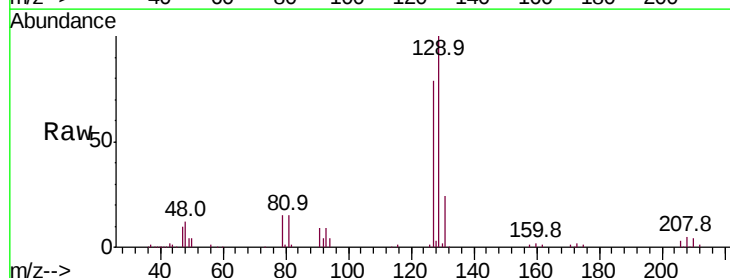
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

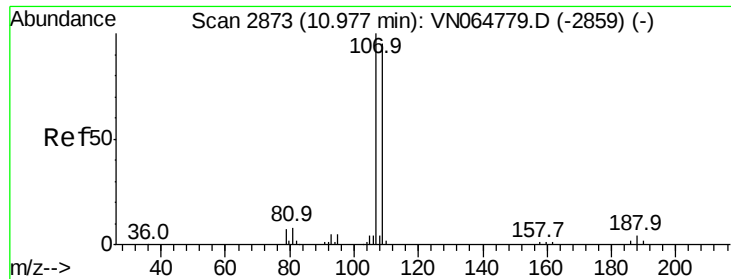
Tot Ion: 43 Resp: 463667  
Ion Ratio Lower Upper  
43 100  
58 56.9 28.3 84.9



#60  
Dibromochloromethane  
Concen: 51.583 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion: 129 Resp: 125207  
Ion Ratio Lower Upper  
129 100  
127 78.7 39.1 117.2

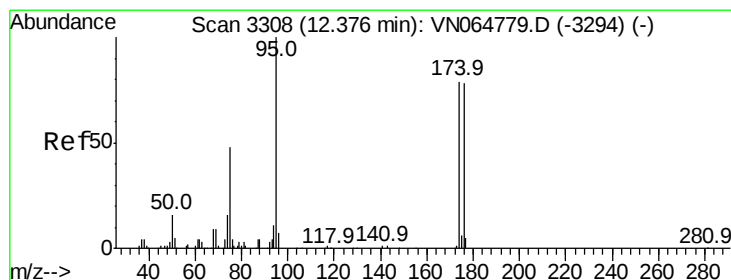
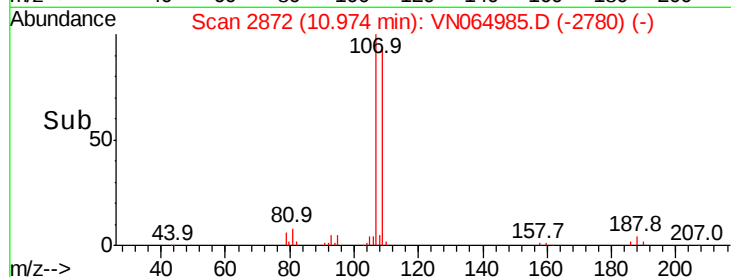
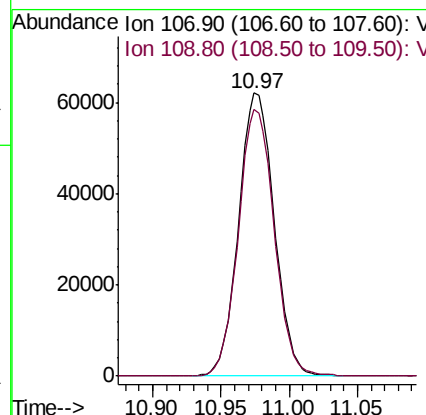
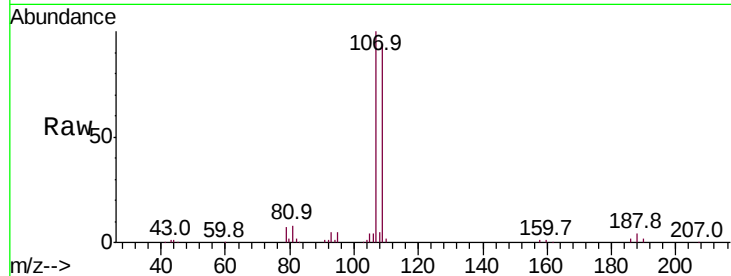




#61  
 1,2-Dibromoethane  
 Concen: 50.744 ug/l  
 RT: 10.97 min Scan# 2872  
 Delta R.T. -0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

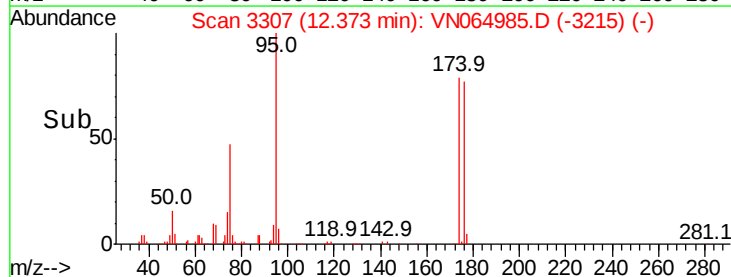
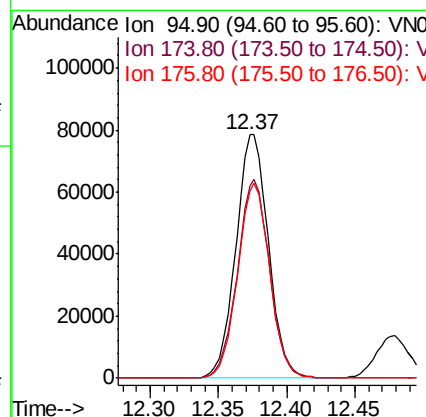
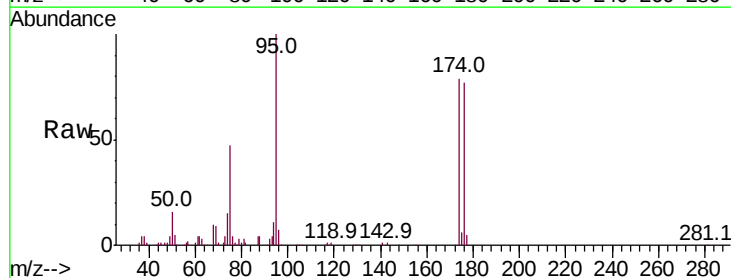
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

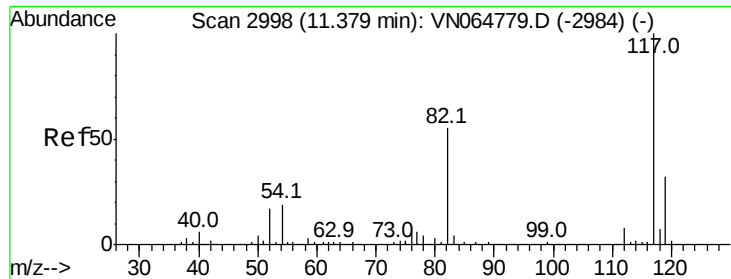
Tot Ion:107 Resp: 112577  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 76.0 114.0



#62  
 4-Bromofluorobenzene  
 Concen: 48.843 ug/l  
 RT: 12.37 min Scan# 3307  
 Delta R.T. -0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Tgt Ion: 95 Resp: 129741  
 Ion Ratio Lower Upper  
 95 100  
 174 80.8 0.0 160.4  
 176 78.8 0.0 158.4

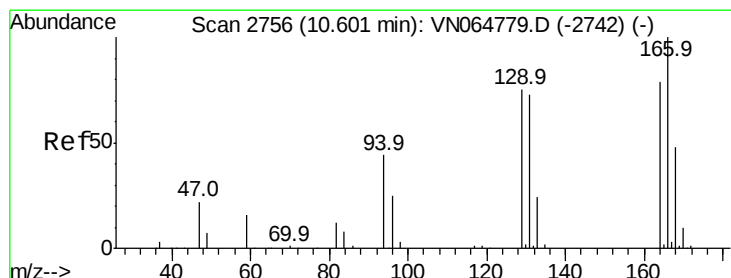
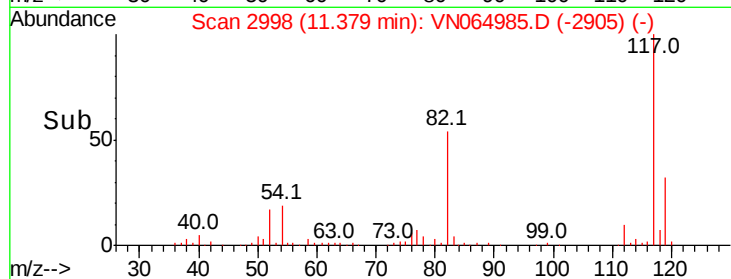
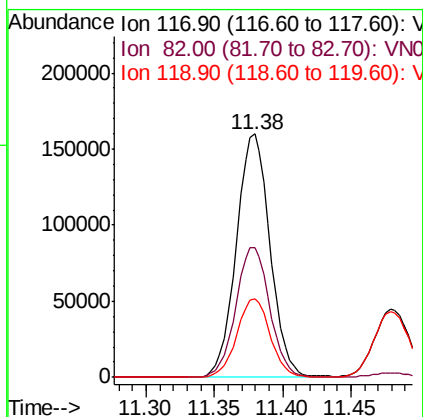
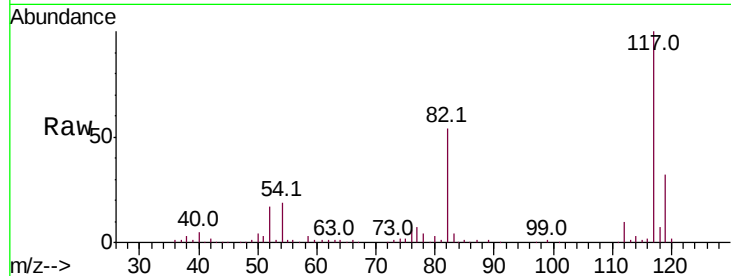




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

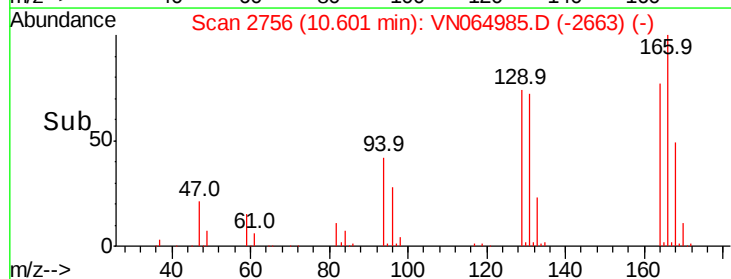
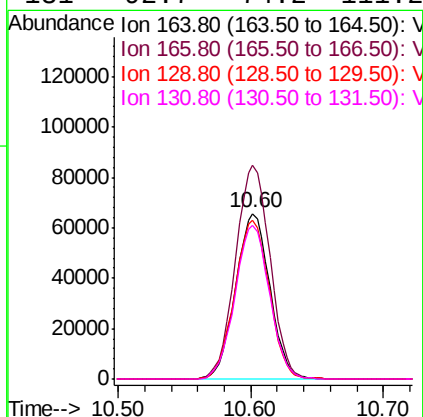
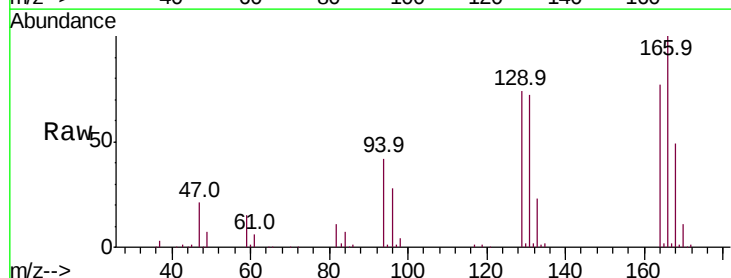
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

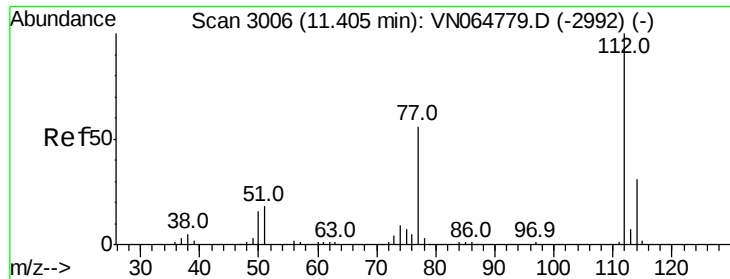
Tot Ion:117 Resp: 274627  
Ion Ratio Lower Upper  
117 100  
82 53.5 44.2 66.2  
119 32.4 25.8 38.6



#64  
Tetrachloroethene  
Concen: 44.137 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion:164 Resp: 117927  
Ion Ratio Lower Upper  
164 100  
166 129.1 101.4 152.0  
129 95.8 76.1 114.1  
131 92.7 74.2 111.2

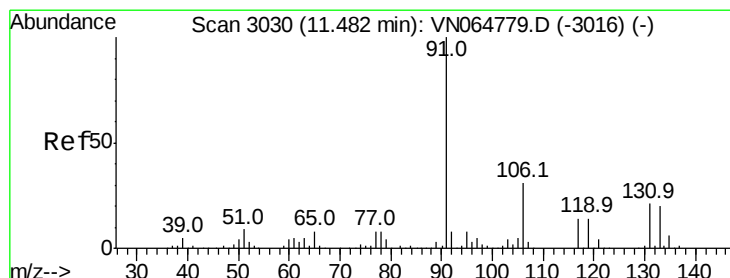
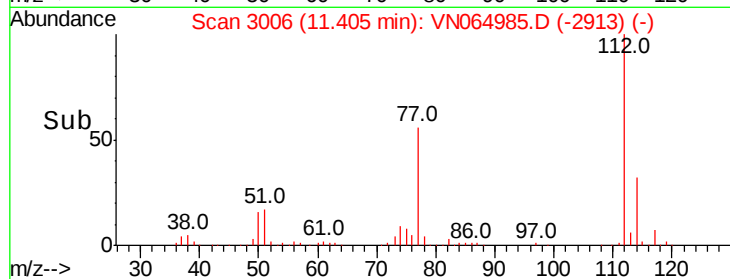
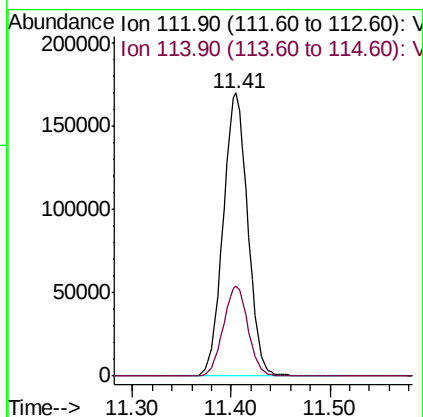
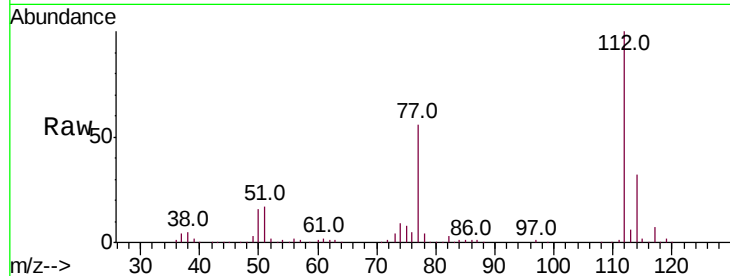




#65  
Chlorobenzene  
Concen: 50.416 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

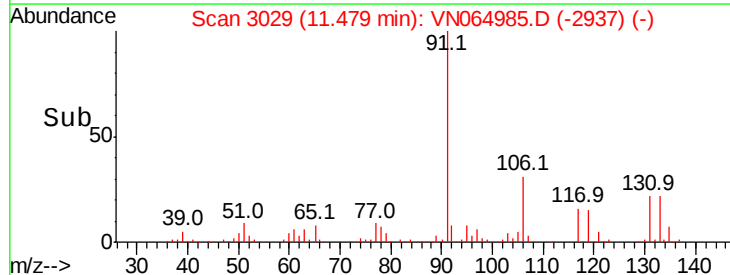
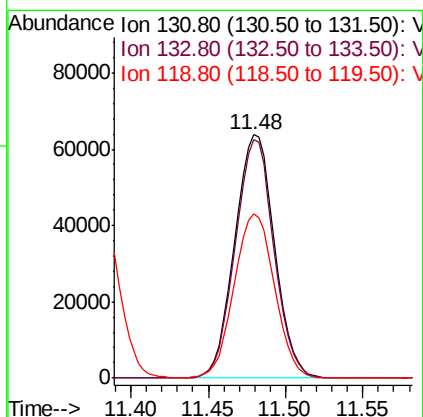
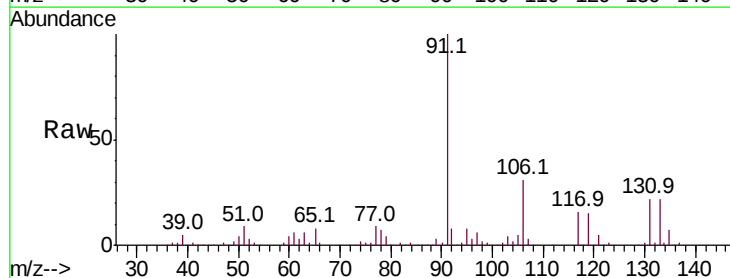
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

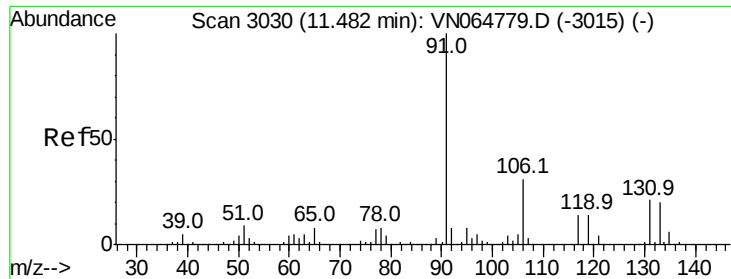
Tot Ion:112 Resp: 297328  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.586 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion:131 Resp: 113974  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.5 142.5  
119 68.6 33.3 99.8

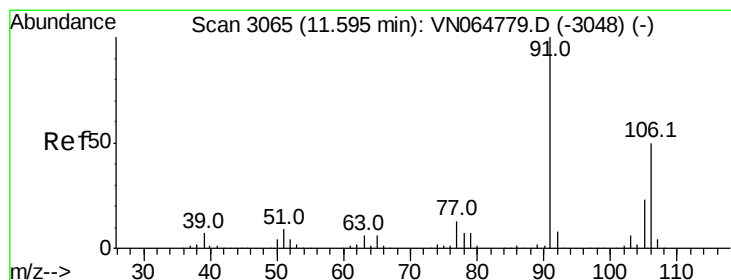
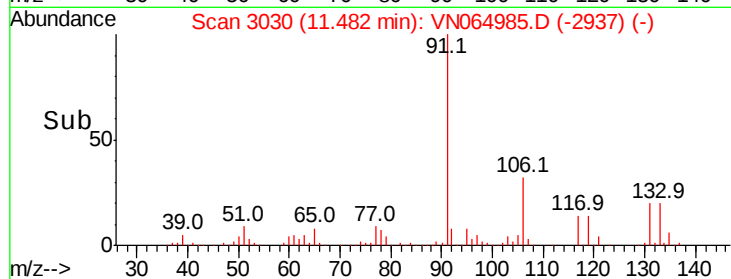
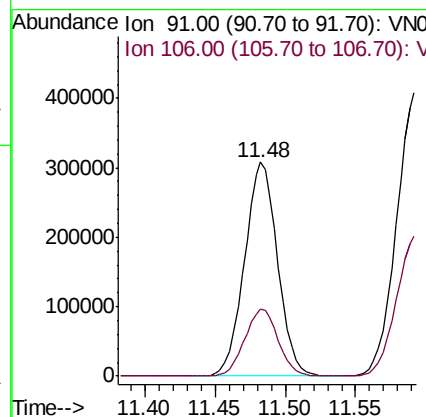
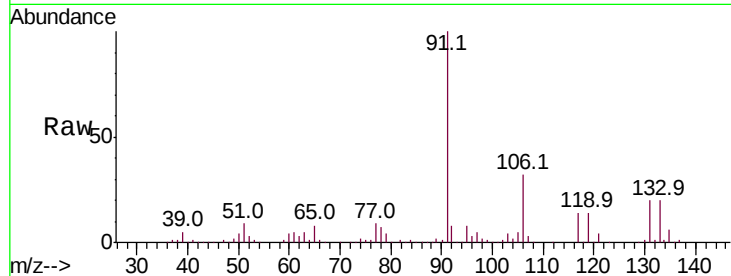




#67  
Ethyl Benzene  
Concen: 51.260 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

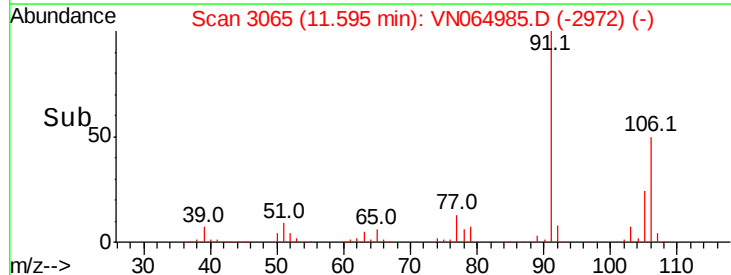
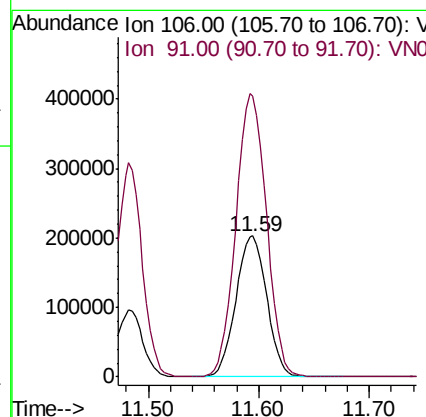
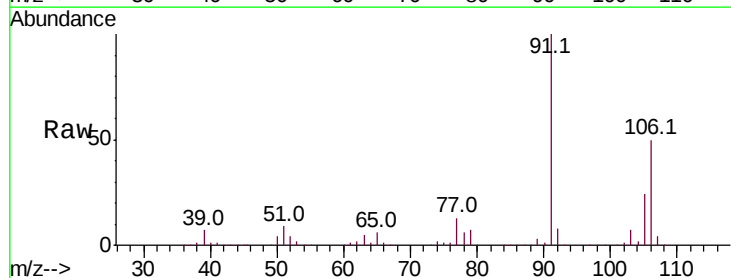
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

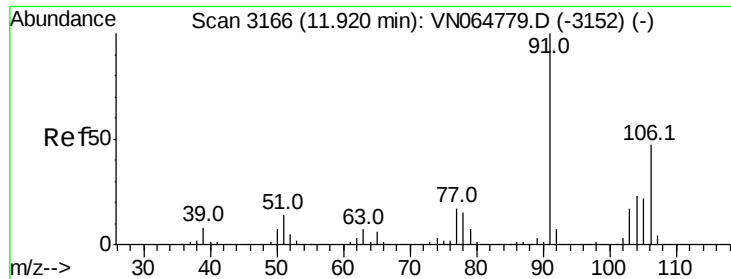
Tot Ion: 91 Resp: 505024  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.2 37.8



#68  
m/p-Xylenes  
Concen: 105.245 ug/l  
RT: 11.59 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion: 106 Resp: 392579  
Ion Ratio Lower Upper  
106 100  
91 199.7 161.0 241.4

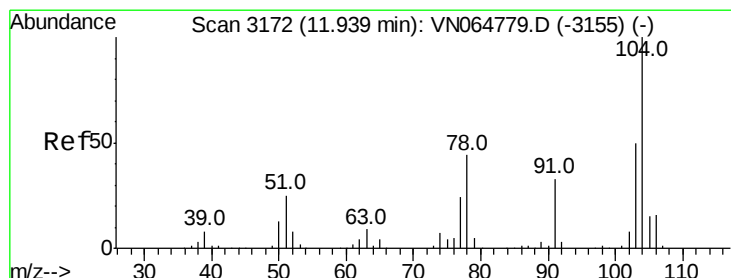
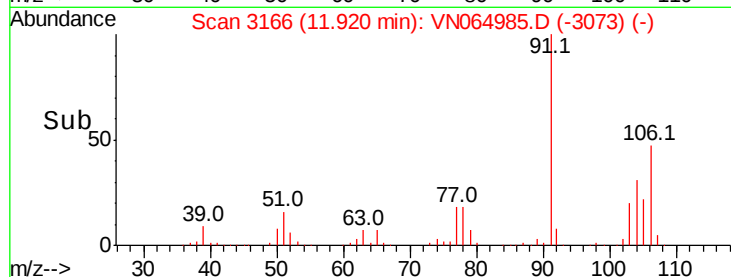
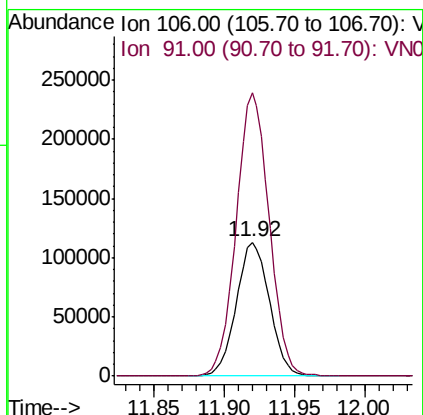
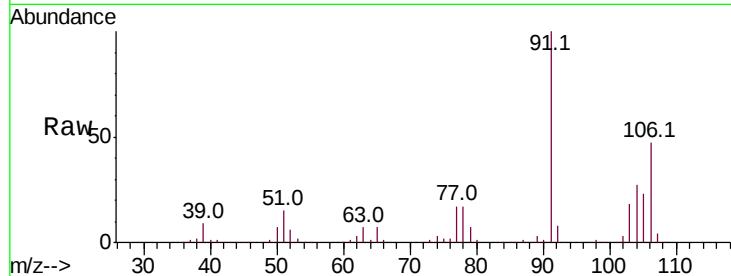




#69  
o-Xylene  
Concen: 52.761 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

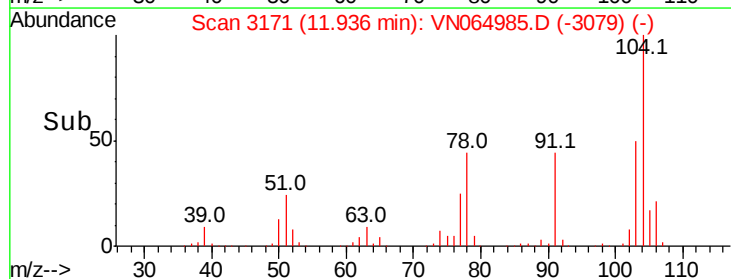
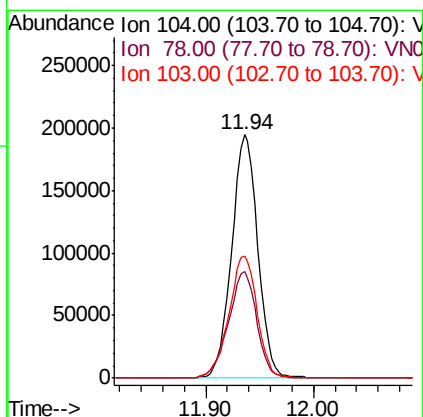
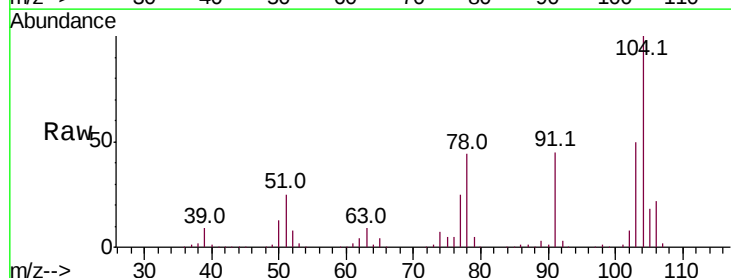
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

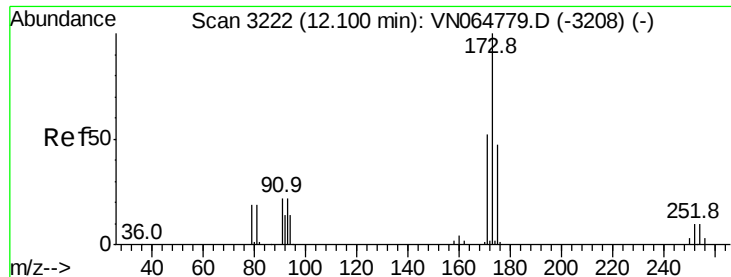
Tot Ion:106 Resp: 186757  
Ion Ratio Lower Upper  
106 100  
91 210.5 105.5 316.5



#70  
Styrene  
Concen: 55.145 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion:104 Resp: 329525  
Ion Ratio Lower Upper  
104 100  
78 47.2 39.0 58.6  
103 54.1 44.3 66.5





#71

Bromoform

Concen: 51.027 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

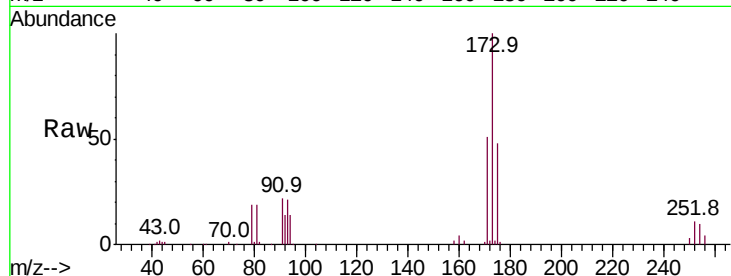
Tot Ion:173 Resp: 88332

Ion Ratio Lower Upper

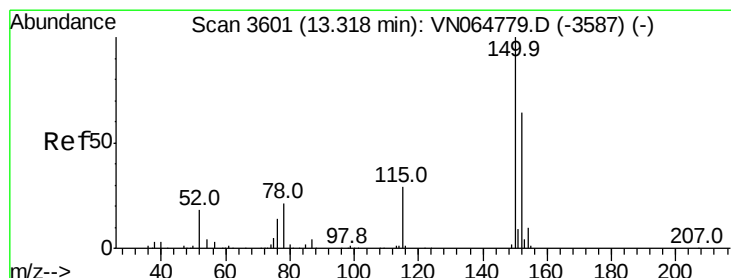
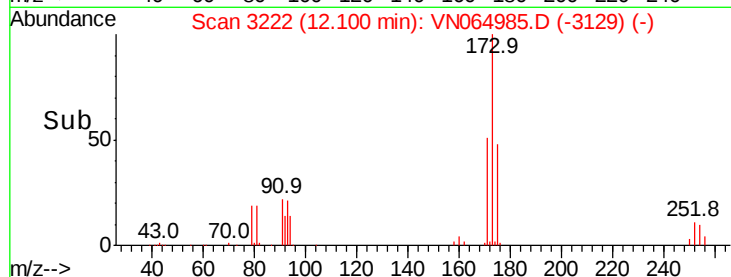
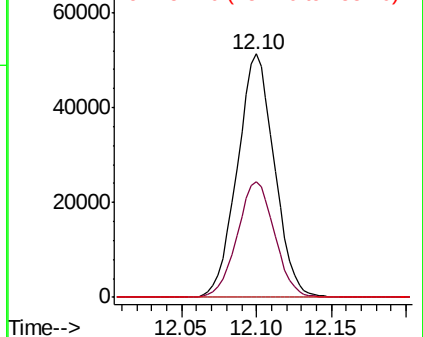
173 100

175 47.8 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

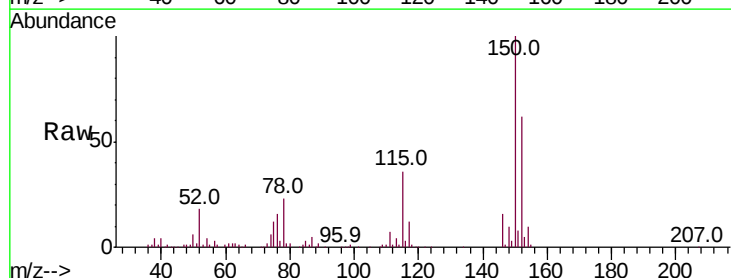
Tgt Ion:152 Resp: 135334

Ion Ratio Lower Upper

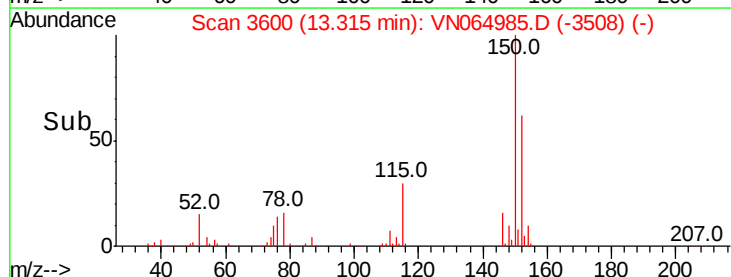
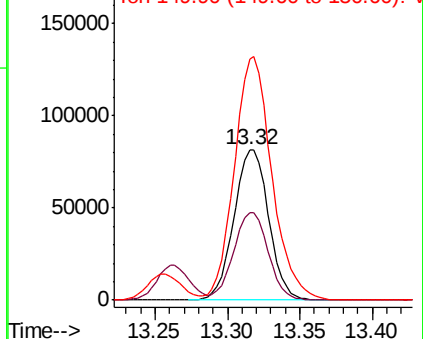
152 100

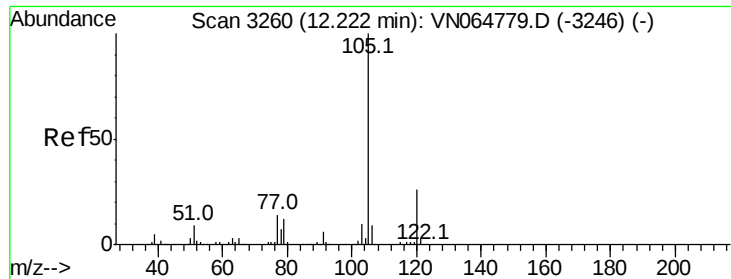
115 58.5 29.7 89.1

150 174.1 0.0 350.6



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





#73

Isopropylbenzene

Concen: 52.251 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

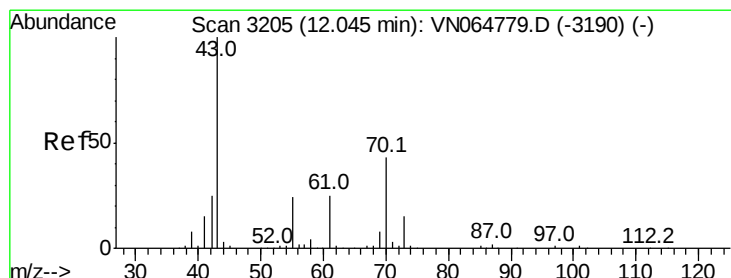
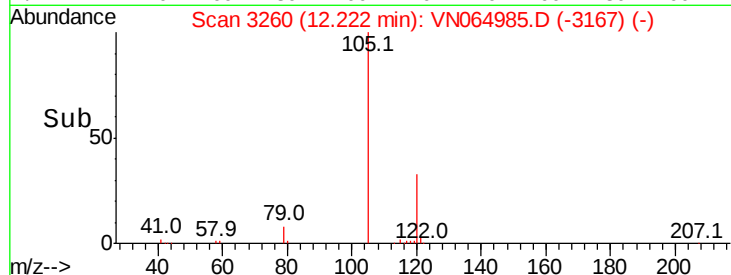
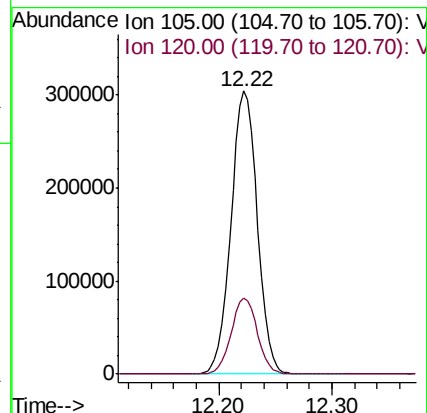
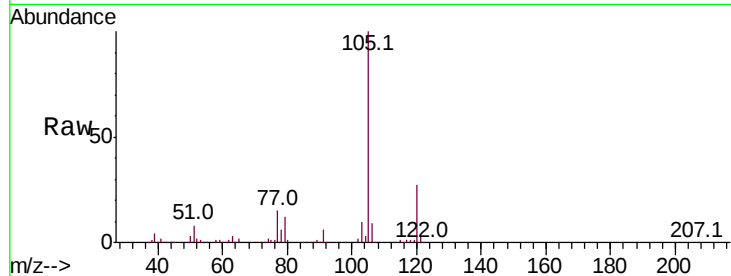
VSTDCCC050

Tot Ion:105 Resp: 491857

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 49.870 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Tgt Ion: 43 Resp: 184744

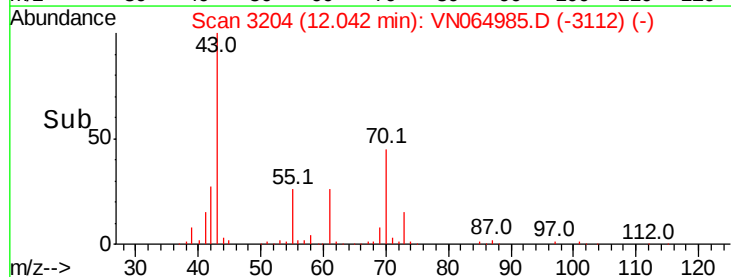
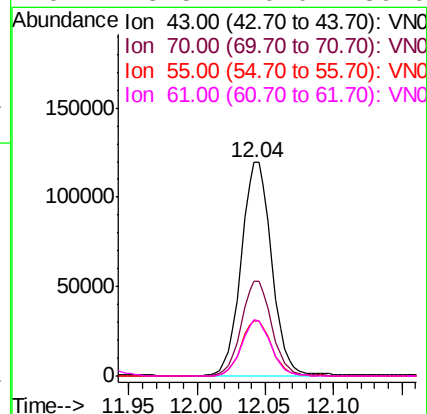
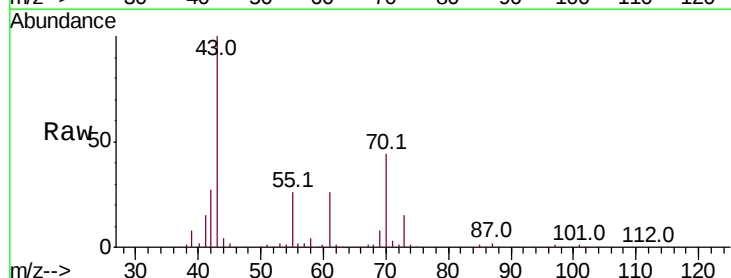
Ion Ratio Lower Upper

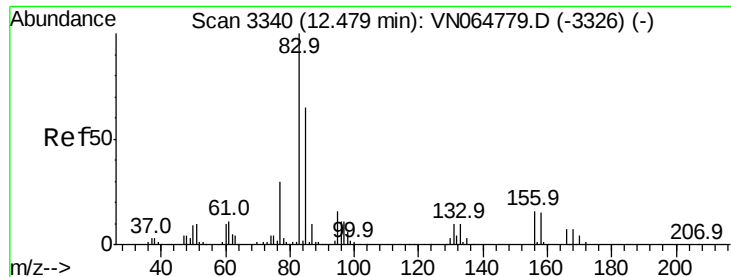
43 100

70 44.4 34.5 51.7

55 26.2 20.4 30.6

61 25.5 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.972 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

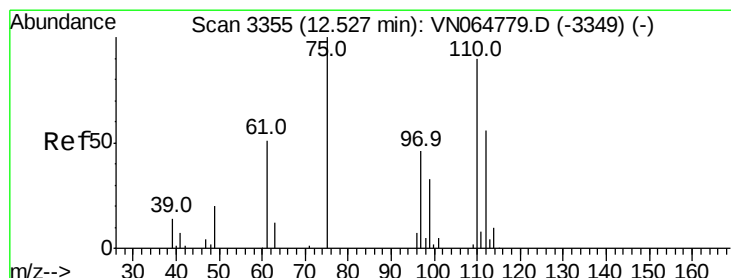
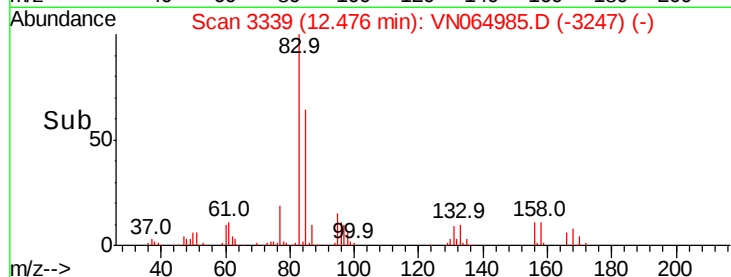
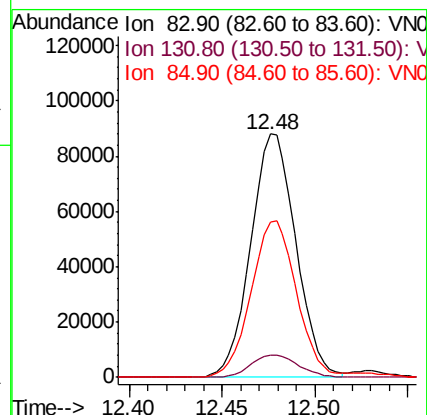
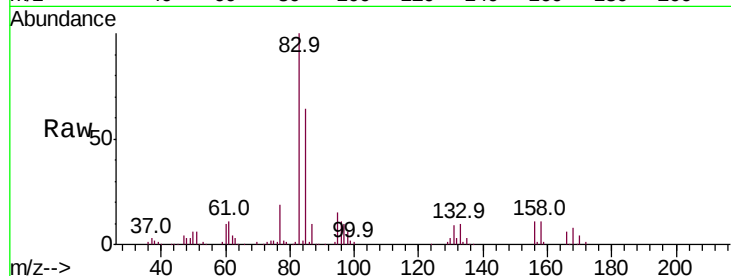
Tot Ion: 83 Resp: 148915

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

85 64.6 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 69.226 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064985.D

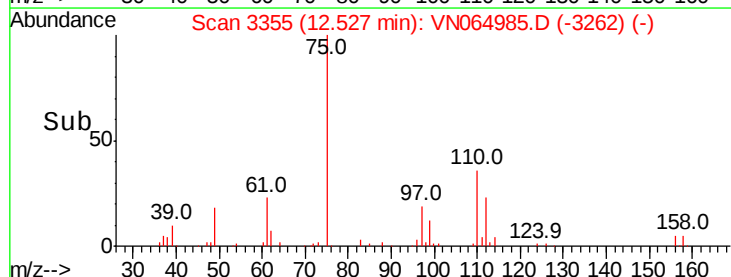
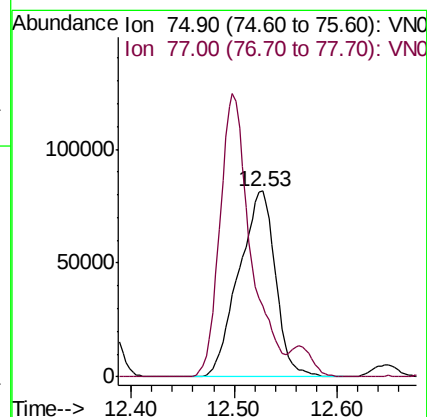
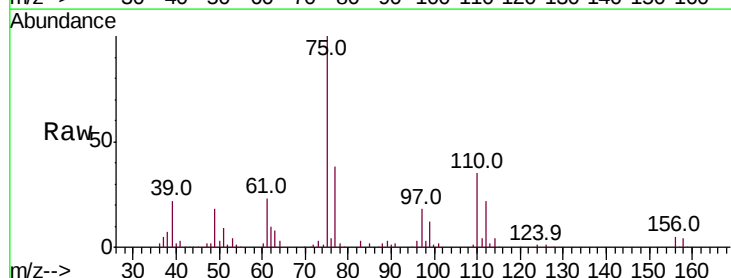
Acq: 8 Dec 2020 21:50

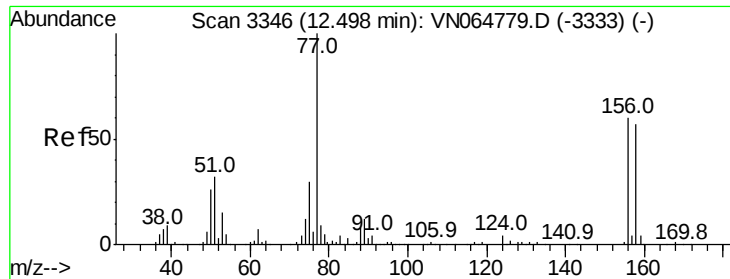
Tgt Ion: 75 Resp: 201760

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.384 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

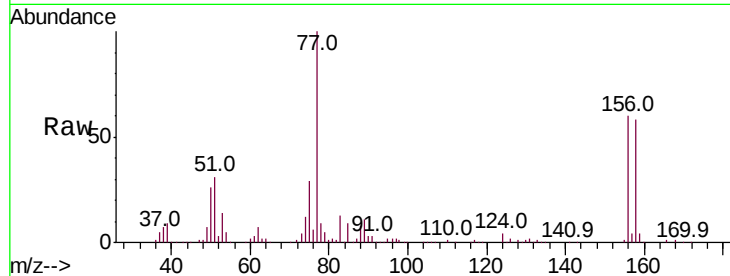
Tot Ion:156 Resp: 127868

Ion Ratio Lower Upper

156 100

77 201.9 101.3 303.7

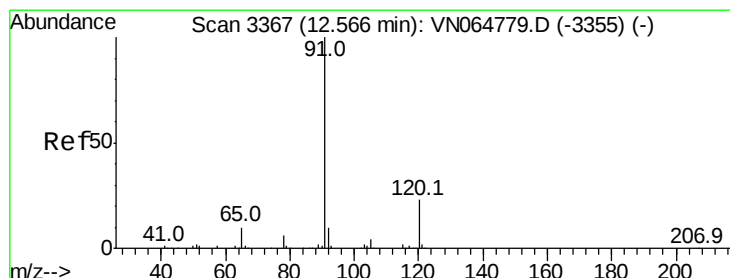
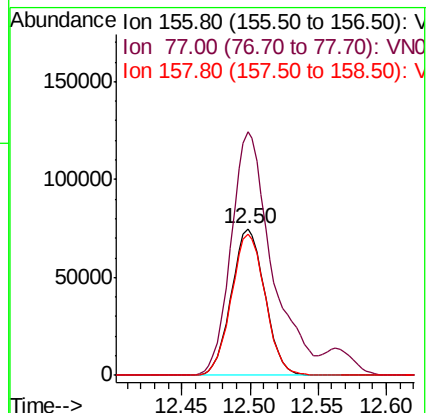
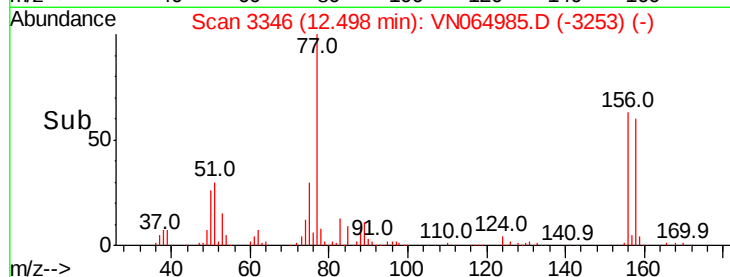
158 97.6 48.2 144.6



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: 50.955 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064985.D

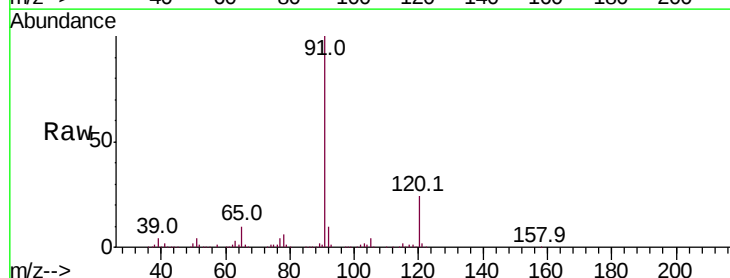
Acq: 8 Dec 2020 21:50

Tgt Ion: 91 Resp: 546429

Ion Ratio Lower Upper

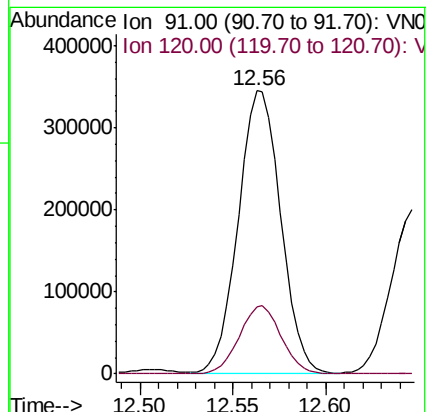
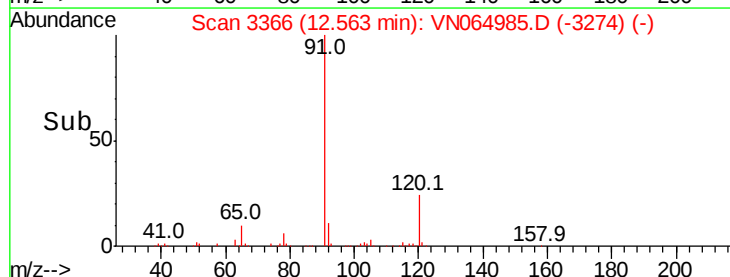
91 100

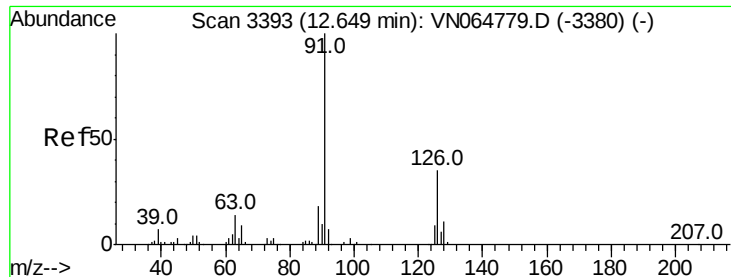
120 24.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.262 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

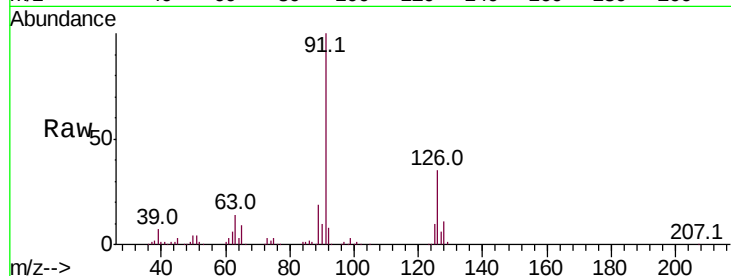
VSTDCCC050

Tot Ion: 91 Resp: 333178

Ion Ratio Lower Upper

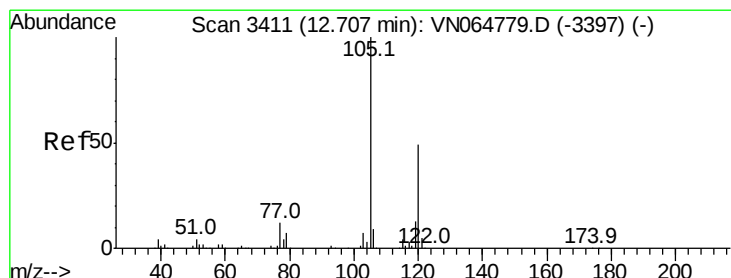
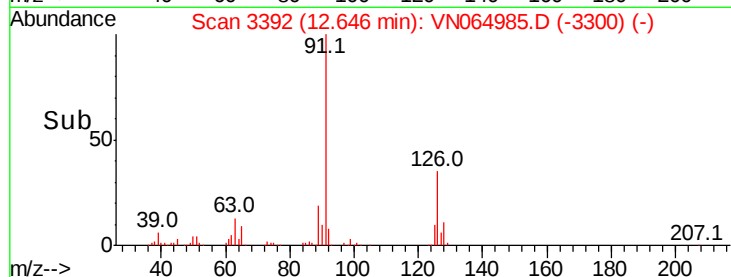
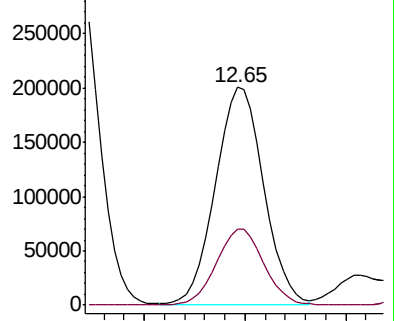
91 100

126 34.8 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.186 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064985.D

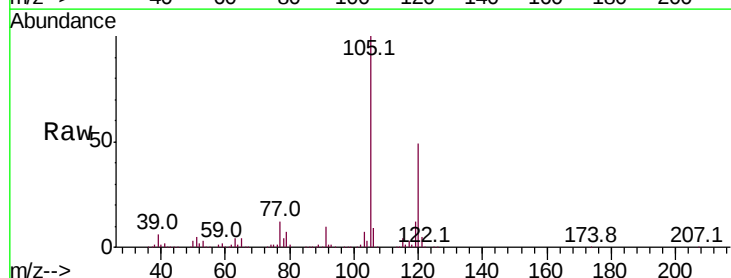
Acq: 8 Dec 2020 21:50

Tgt Ion: 105 Resp: 423970

Ion Ratio Lower Upper

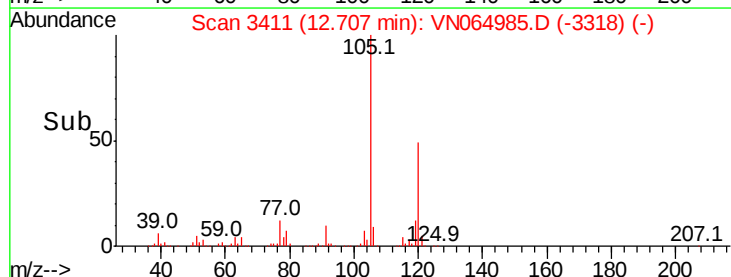
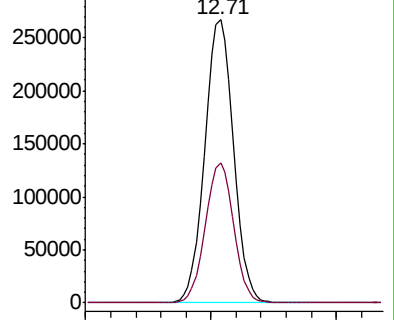
105 100

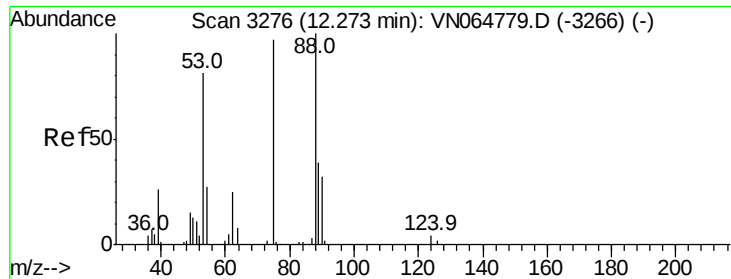
120 48.9 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.498 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

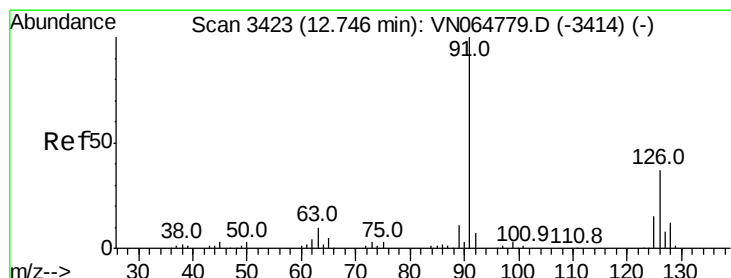
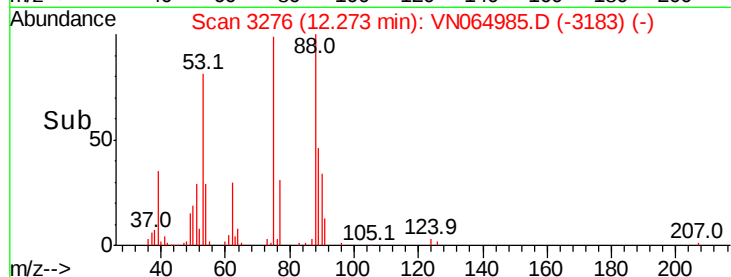
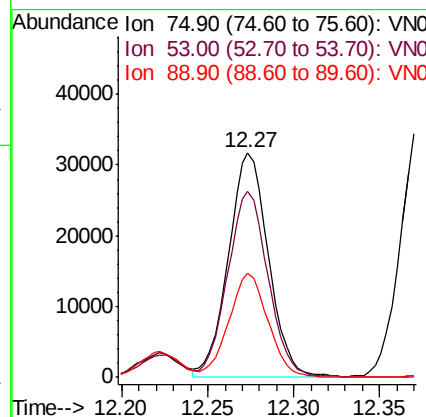
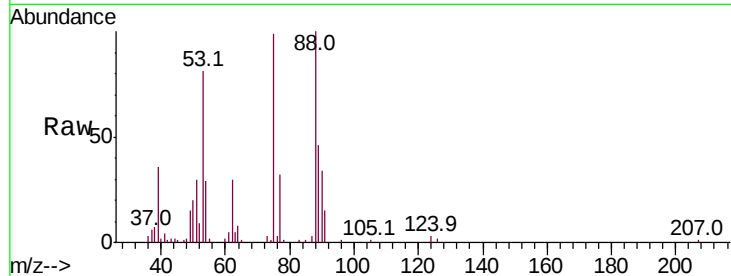
Tot Ion: 75 Resp: 51573

Ion Ratio Lower Upper

75 100

53 84.1 67.0 100.4

89 45.3 39.6 59.4



#82

4-Chlorotoluene

Concen: 50.855 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064985.D

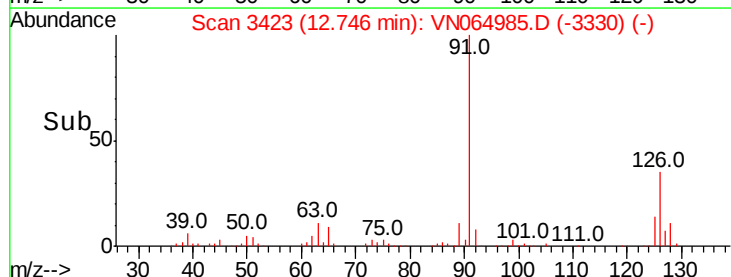
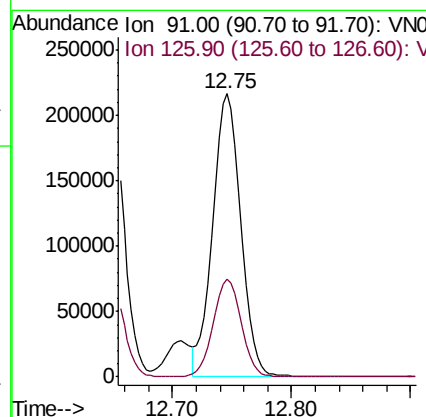
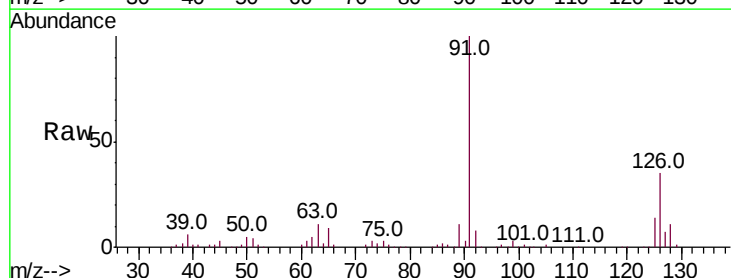
Acq: 8 Dec 2020 21:50

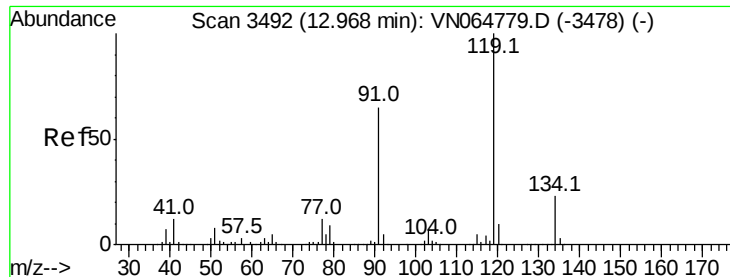
Tgt Ion: 91 Resp: 353352

Ion Ratio Lower Upper

91 100

126 34.7 16.9 50.7

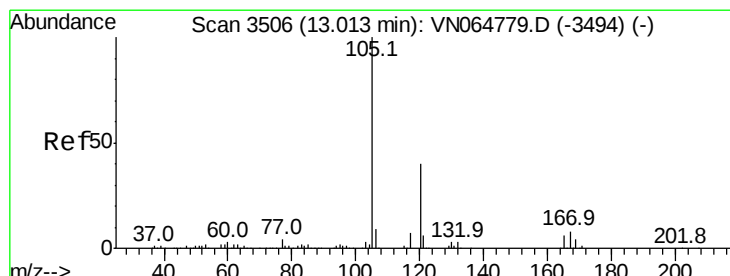
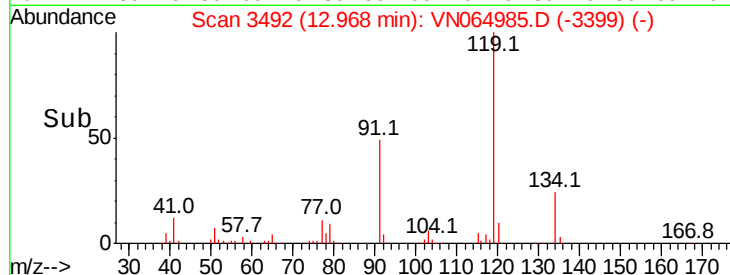
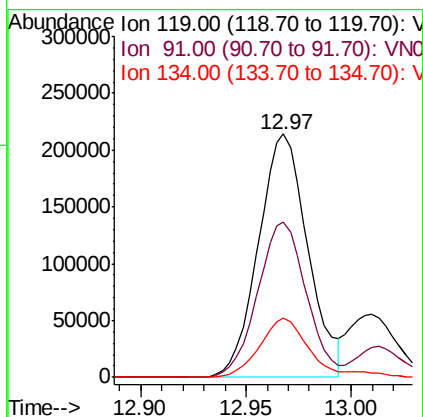
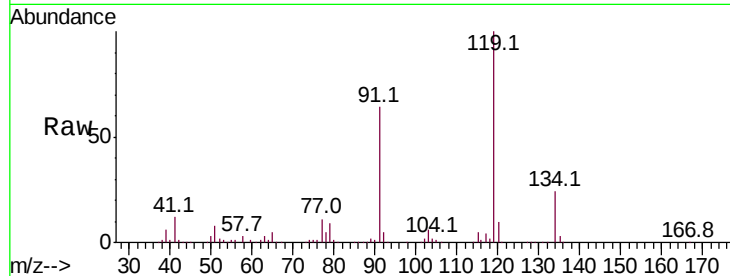




#83  
tert-Butylbenzene  
Concen: 53.228 ug/l  
RT: 12.97 min Scan# 3492  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

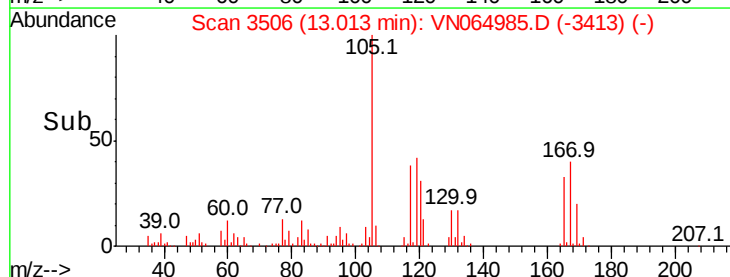
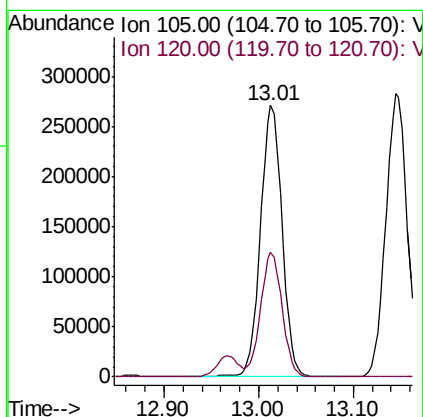
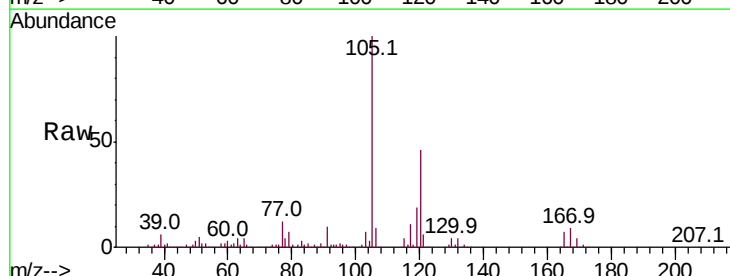
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

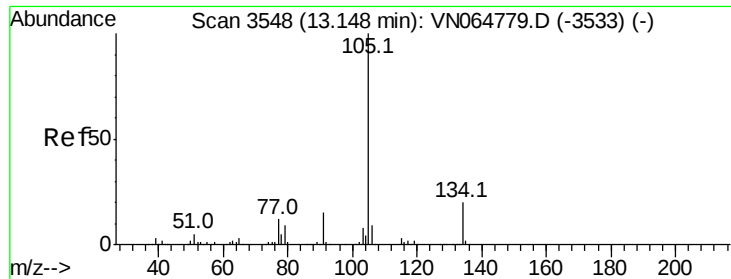
Tot Ion:119 Resp: 349090  
Ion Ratio Lower Upper  
119 100  
91 62.7 32.3 96.8  
134 25.0 12.6 37.6



#84  
1,2,4-Trimethylbenzene  
Concen: 54.330 ug/l  
RT: 13.01 min Scan# 3506  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion:105 Resp: 429807  
Ion Ratio Lower Upper  
105 100  
120 45.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.191 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

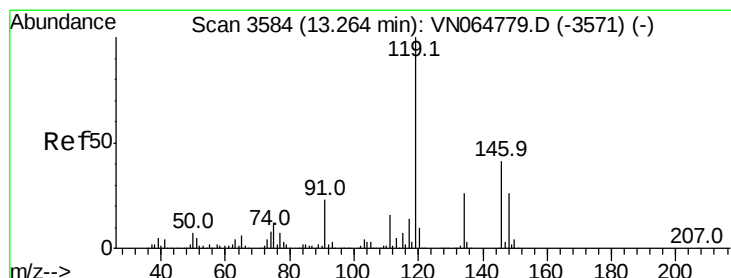
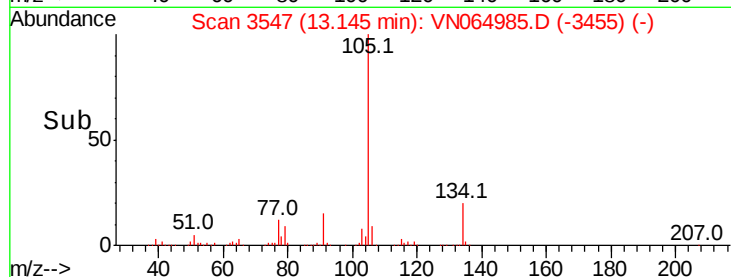
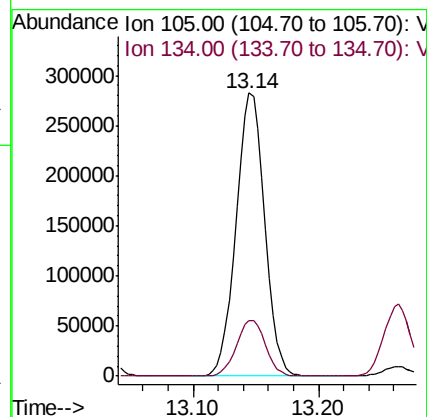
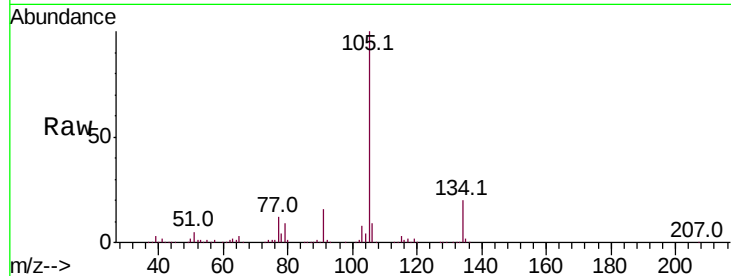
VSTDCCC050

Tot Ion:105 Resp: 445760

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.620 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

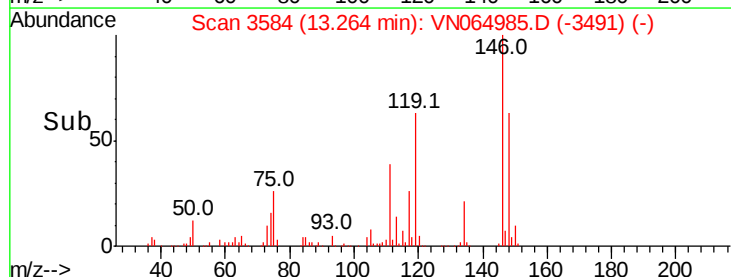
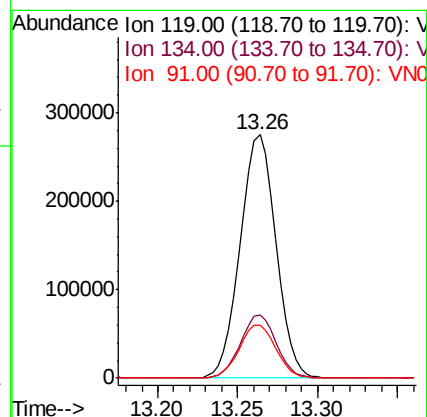
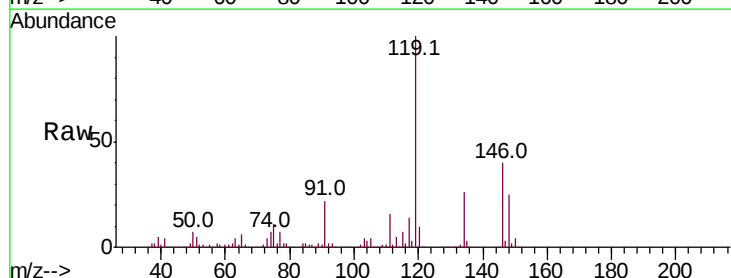
Tgt Ion:119 Resp: 417158

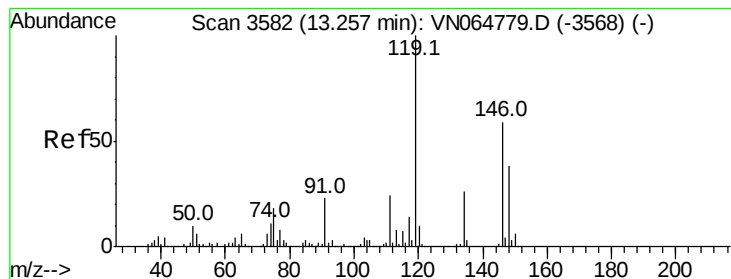
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.3 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 51.092 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

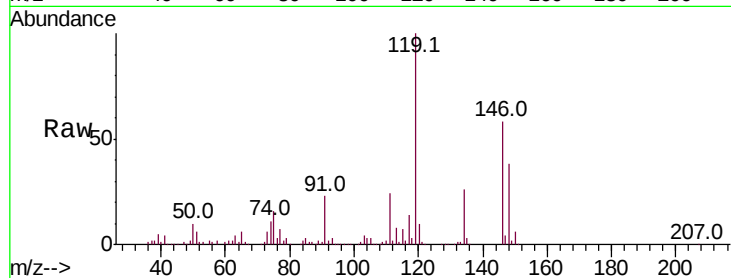
Tot Ion:146 Resp: 230370

Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.9

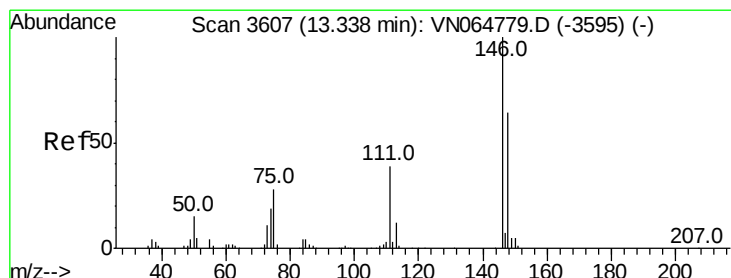
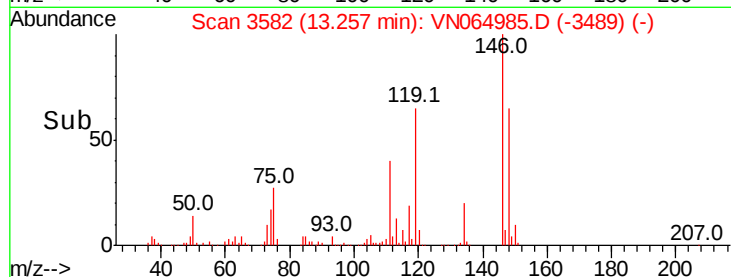
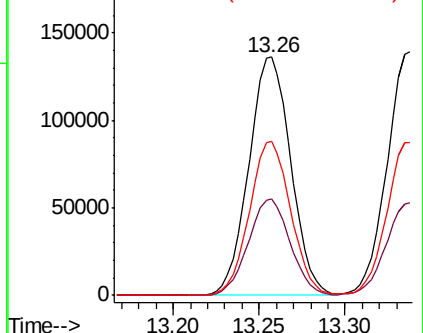
148 63.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.242 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

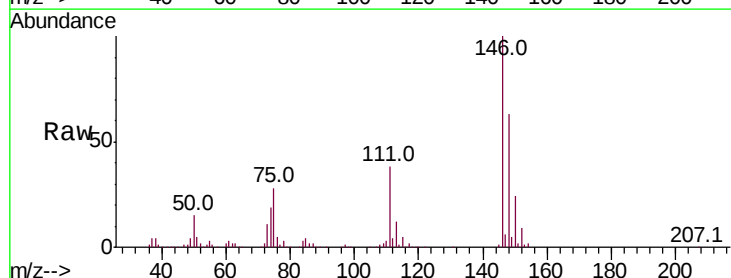
Tgt Ion:146 Resp: 230034

Ion Ratio Lower Upper

146 100

111 38.8 19.8 59.3

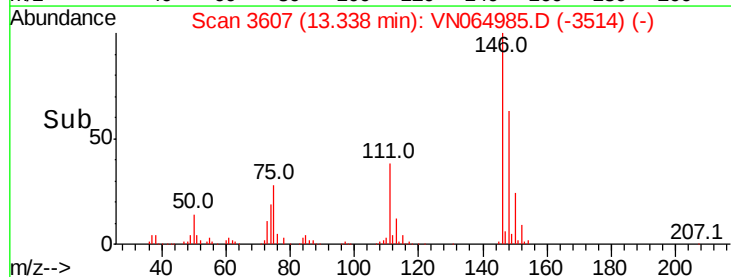
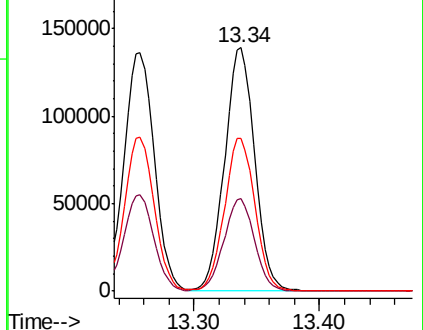
148 63.4 31.9 95.5

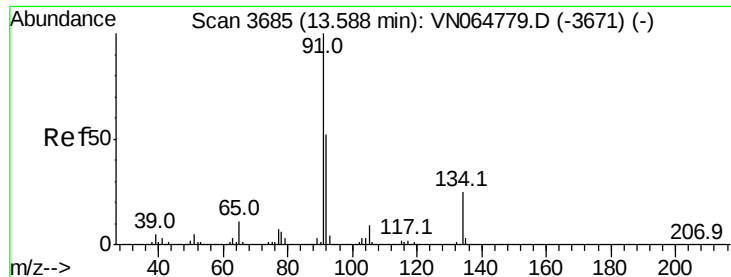


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

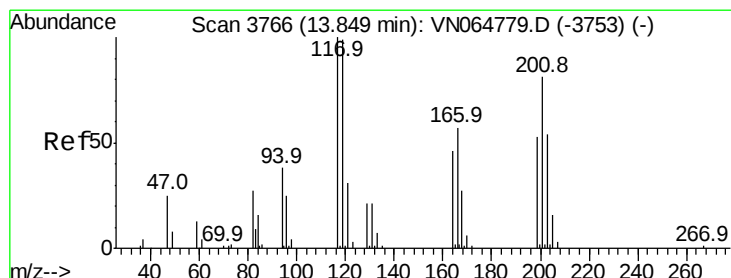
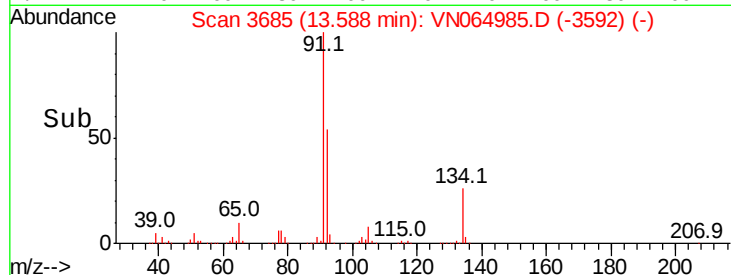
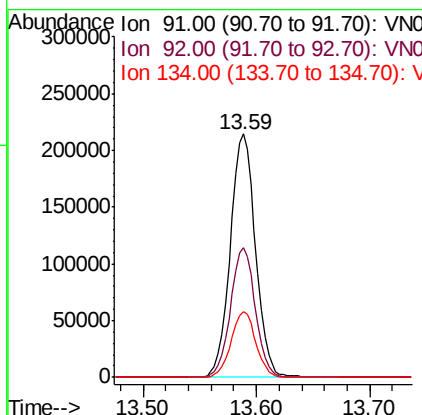
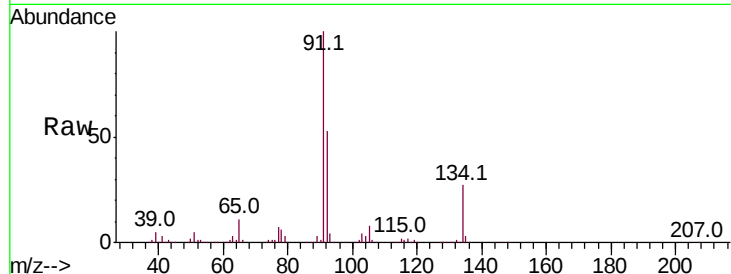




#89  
n-Butylbenzene  
Concen: 47.773 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

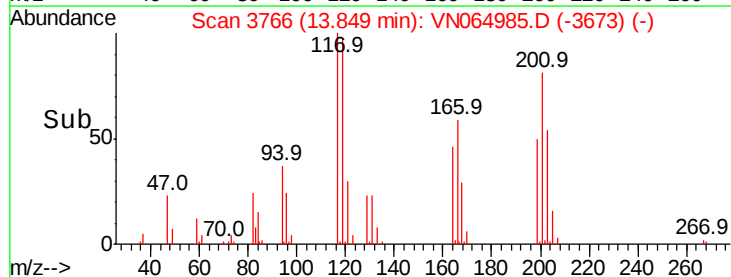
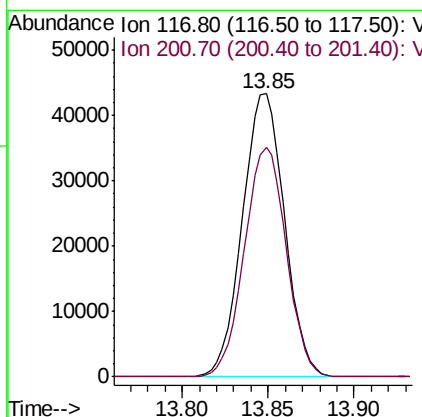
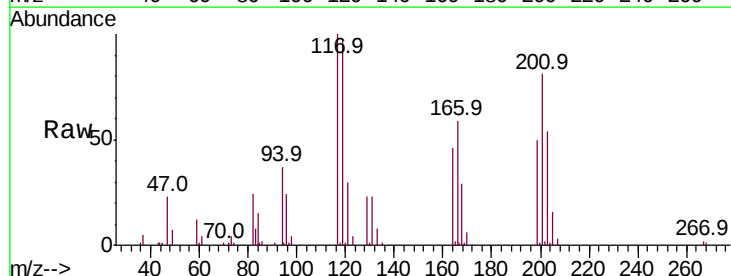
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

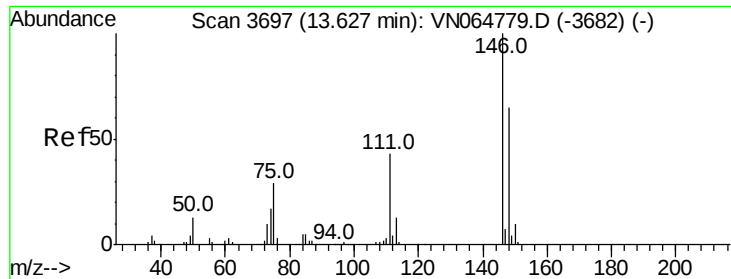
Tot Ion: 91 Resp: 332599  
Ion Ratio Lower Upper  
91 100  
92 52.2 26.0 78.0  
134 26.5 12.9 38.6



#90  
Hexachloroethane  
Concen: 53.583 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. 0.00 min  
Lab File: VN064985.D  
Acq: 8 Dec 2020 21:50

Tgt Ion: 117 Resp: 73795  
Ion Ratio Lower Upper  
117 100  
201 80.6 40.1 120.3

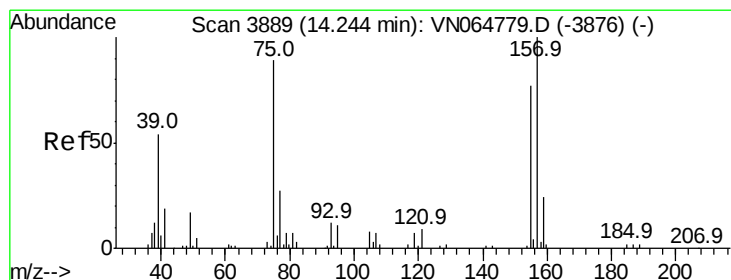
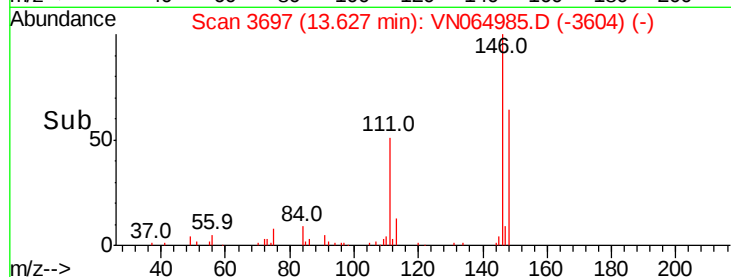
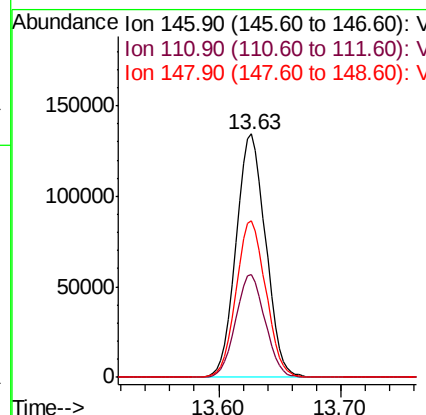
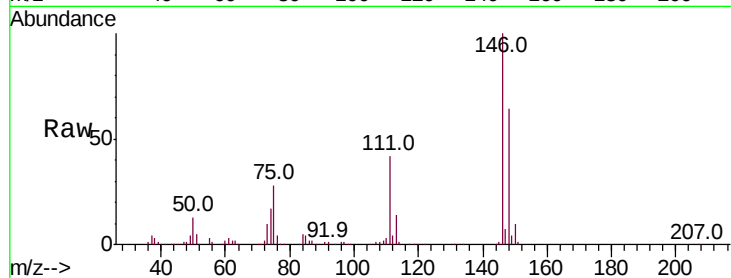




#91  
 1,2-Dichlorobenzene  
 Concen: 51.323 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

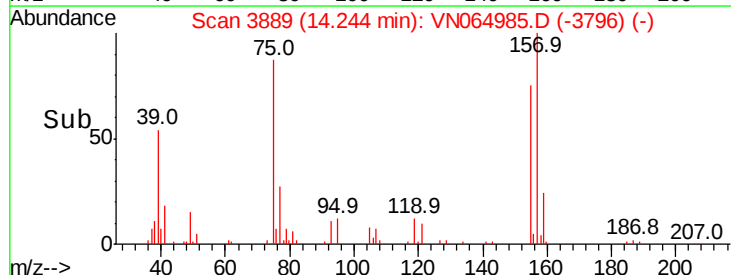
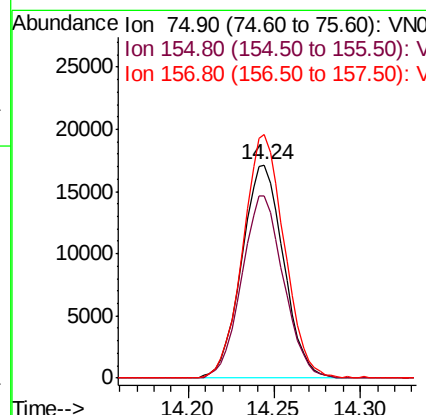
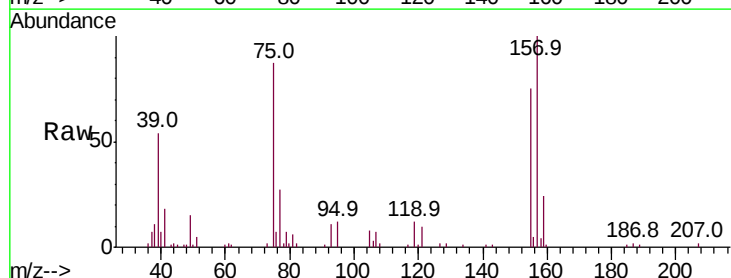
Instrument :  
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 ClientSampleId :  
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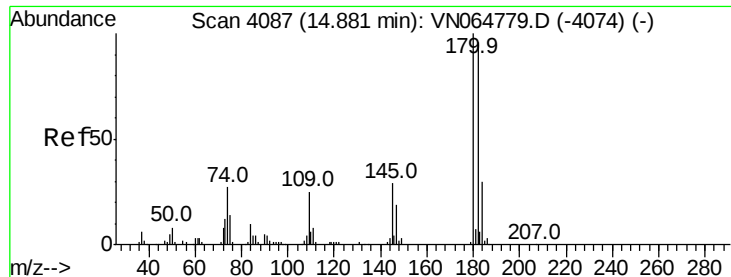
Tot Ion:146 Resp: 227218  
 Ion Ratio Lower Upper  
 146 100  
 111 42.0 21.1 63.1  
 148 64.6 32.0 96.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 46.759 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Tgt Ion: 75 Resp: 29029  
 Ion Ratio Lower Upper  
 75 100  
 155 85.1 42.8 128.3  
 157 112.7 56.4 169.1

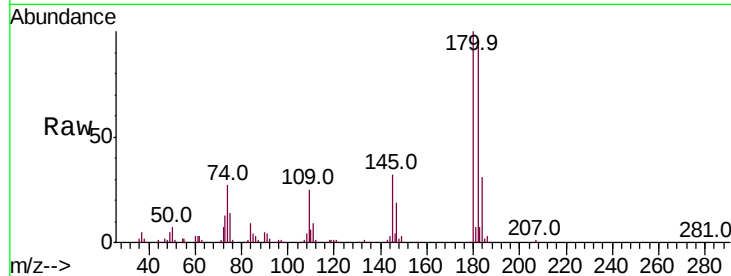




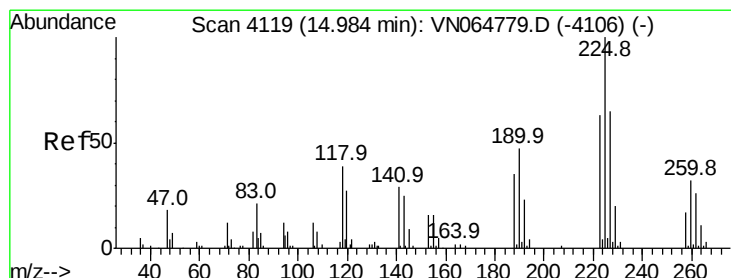
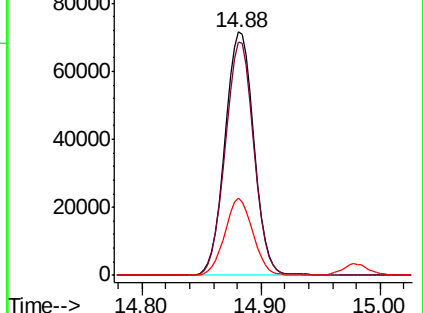
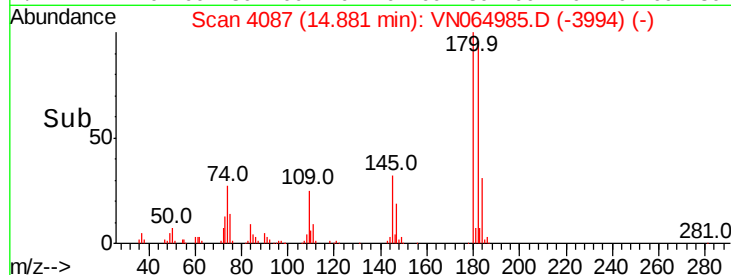
#93  
 1,2,4-Trichlorobenzene  
 Concen: 43.963 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:180 Resp: 120404  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 47.6 142.9  
 145 30.7 15.3 45.8

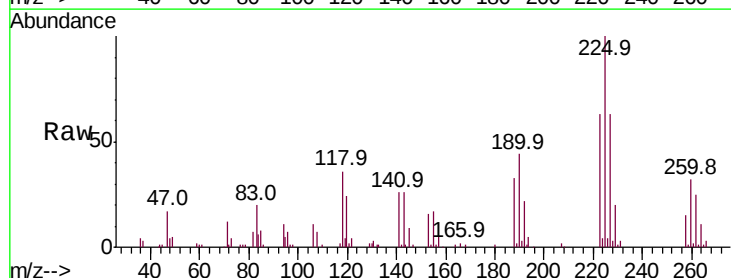


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

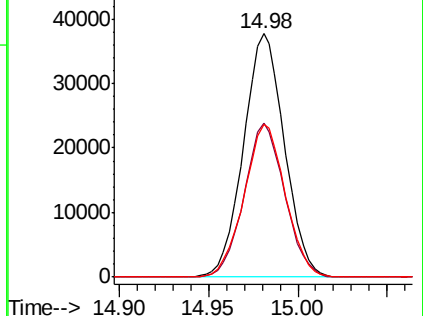
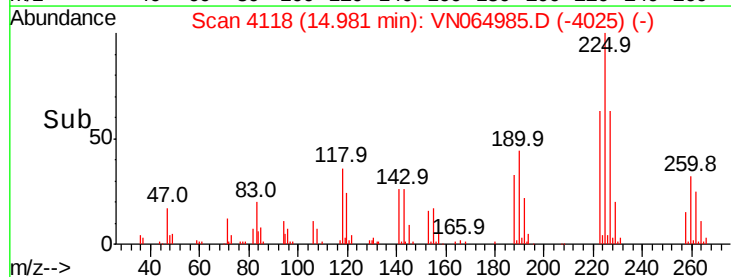


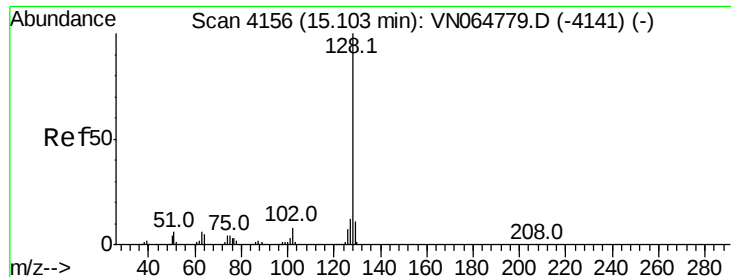
#94  
 Hexachlorobutadiene  
 Concen: 49.072 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. -0.00 min  
 Lab File: VN064985.D  
 Acq: 8 Dec 2020 21:50

Tgt Ion:225 Resp: 60512  
 Ion Ratio Lower Upper  
 225 100  
 223 62.4 31.0 93.0  
 227 63.0 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 43.846 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

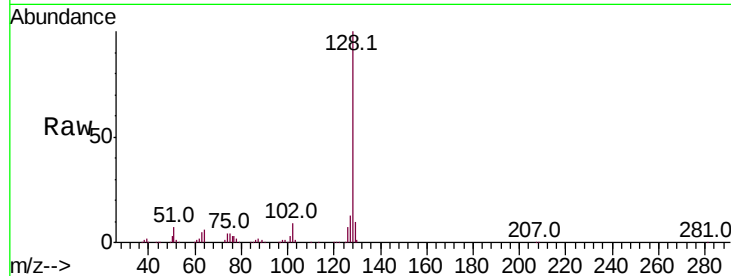
Tot Ion:128 Resp: 359751

Ion Ratio Lower Upper

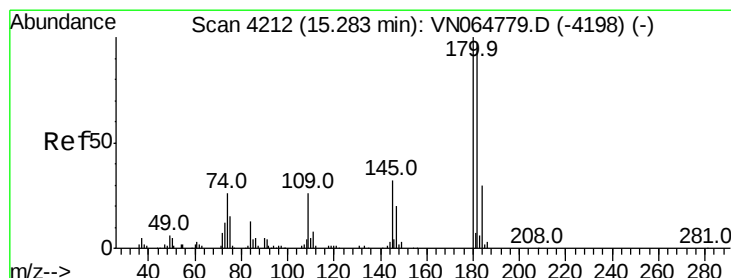
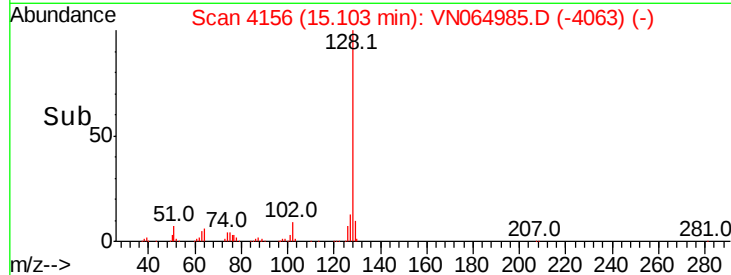
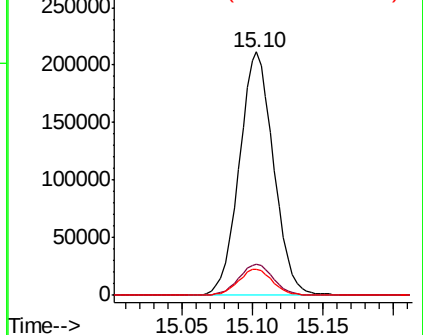
128 100

127 12.9 10.3 15.5

129 10.7 8.7 13.1



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: 43.768 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064985.D

Acq: 8 Dec 2020 21:50

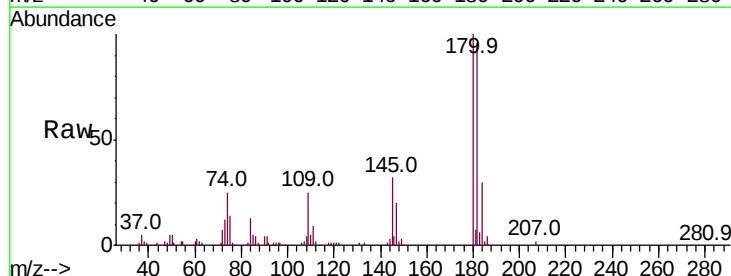
Tgt Ion:180 Resp: 113447

Ion Ratio Lower Upper

180 100

182 96.4 48.1 144.4

145 32.3 16.4 49.1



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

