

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\  
 Data File : VN058790.D  
 Acq On : 15 Oct 2019 18:06  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 16 04:19:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101319W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 12 00:00:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 408097   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 653303   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 610125   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 302802   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.01  | 65   | 291406   | 51.00 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.00% |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 210553   | 52.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.36% |          |
| 50) Toluene-d8              | 10.09 | 98   | 819247   | 50.77 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.54% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 308523   | 50.51 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.02% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 259481   | 51.053  | ug/l  | 99     |
| 3) Chloromethane              | 2.04 | 50   | 292574   | 48.409  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.17 | 62   | 301223   | 50.041  | ug/l  | 99     |
| 5) Bromomethane               | 2.54 | 94   | 182514   | 49.842  | ug/l  | 99     |
| 6) Chloroethane               | 2.68 | 64   | 189520   | 51.043  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 3.00 | 101  | 364577   | 50.607  | ug/l  | 98     |
| 8) Diethyl Ether              | 3.39 | 74   | 129215   | 48.545  | ug/l  | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101  | 206260   | 50.213  | ug/l  | 99     |
| 10) Methyl Iodide             | 3.93 | 142  | 278914   | 49.758  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 4.76 | 59   | 236687   | 255.801 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 3.72 | 96   | 197138   | 50.301  | ug/l  | 98     |
| 13) Acrolein                  | 3.58 | 56   | 157928   | 212.224 | ug/l  | 100    |
| 14) Allyl chloride            | 4.30 | 41   | 400512   | 50.639  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.96 | 53   | 639189   | 273.930 | ug/l  | 100    |
| 16) Acetone                   | 3.79 | 43   | 614667   | 259.872 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.03 | 76   | 593096   | 47.342  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.30 | 43   | 323786   | 53.967  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.02 | 73   | 735673   | 52.568  | ug/l  | 97     |
| 20) Methylene Chloride        | 4.53 | 84   | 237167   | 47.977  | ug/l  | 97     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96   | 217645   | 49.646  | ug/l  | 99     |
| 22) Diisopropyl ether         | 5.93 | 45   | 814062   | 52.937  | ug/l  | 99     |
| 23) Vinyl Acetate             | 5.87 | 43   | 3524385  | 284.027 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63   | 451368   | 51.536  | ug/l  | 99     |
| 25) 2-Butanone                | 6.81 | 43   | 922318   | 269.782 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 6.80 | 77   | 383196   | 47.930  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96   | 253985   | 49.683  | ug/l  | 100    |
| 28) Bromochloromethane        | 7.18 | 49   | 154714   | 50.777  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 7.19 | 42   | 598320   | 270.818 | ug/l  | 100    |
| 30) Chloroform                | 7.35 | 83   | 440573   | 50.068  | ug/l  | 98     |
| 31) Cyclohexane               | 7.64 | 56   | 409340   | 48.847  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97   | 390200   | 51.996  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.78 | 75   | 332525   | 50.342  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.91 | 43   | 375040   | 56.142  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 7.76 | 117  | 342522   | 53.206  | ug/l  | 100    |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 16 04:19:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101319W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 12 00:00:30 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 388991   | 50.751   | ug/l   | 99       |
| 40) Benzene                    | 8.03  | 78   | 982901   | 51.812   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.19  | 41   | 541182   | 173.065  | ug/l # | 1        |
| 42) 1,2-Dichloroethane         | 8.11  | 62   | 377796   | 51.837   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.15  | 43   | 608253   | 53.449   | ug/l   | 99       |
| 44) Trichloroethene            | 8.82  | 130  | 239842   | 50.911   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.11  | 63   | 271014   | 53.366   | ug/l   | 98       |
| 46) Dibromomethane             | 9.20  | 93   | 170077   | 52.823   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.39  | 83   | 352879   | 53.821   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.19  | 41   | 284663   | 55.183   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 84473    | 1058.504 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 1900920  | 297.429  | ug/l   | 100      |
| 52) Toluene                    | 10.15 | 92   | 600741   | 51.776   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 399767   | 53.161   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 424200   | 53.129   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 238911   | 50.308   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 388422   | 55.986   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 427136   | 52.782   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 920803   | 275.402  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 1429328  | 289.389  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 267281   | 54.560   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 252329   | 53.037   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 206918   | 48.460   | ug/l   | 93       |
| 65) Chlorobenzene              | 11.43 | 112  | 634363   | 51.198   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 239166   | 52.201   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 1189423  | 53.853   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 879575   | 106.119  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 418448   | 52.180   | ug/l   | 100      |
| 70) Styrene                    | 11.97 | 104  | 703515   | 53.525   | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 184913   | 55.062   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 1153009  | 52.578   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 537244   | 54.546   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 380524   | 52.673   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 511870   | 77.057   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 269241   | 50.476   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 1376583  | 53.870   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 807625   | 50.920   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.74 | 105  | 988062   | 52.775   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 130129   | 52.474   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 838945   | 51.547   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.00 | 119  | 840969   | 52.433   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 993100   | 53.432   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.18 | 105  | 1145346  | 54.195   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 1027416  | 53.490   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.29 | 146  | 495967   | 50.418   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.37 | 146  | 489914   | 48.984   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 938514   | 52.843   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 186751   | 54.338   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 487742   | 50.873   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 85687    | 50.770   | ug/l   | 96       |

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Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 22 Sample Multiplier: 1

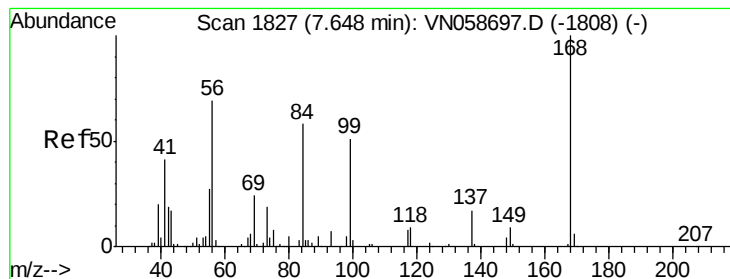
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 16 04:19:36 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101319W.M  
Quant Title : SW846 8260  
QLast Update : Sat Oct 12 00:00:30 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.92 | 180  | 290507   | 49.672 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 149406   | 48.510 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 928604   | 55.246 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 280427   | 49.111 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

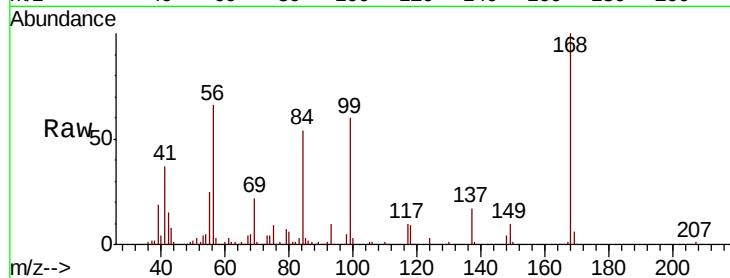
VSTDCCC050EC

Tot Ion:168 Resp: 408097

Ion Ratio Lower Upper

168 100

99 59.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

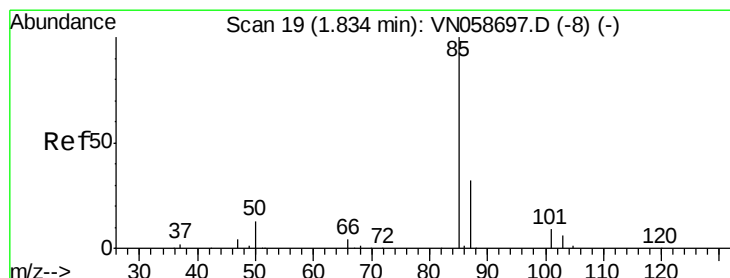
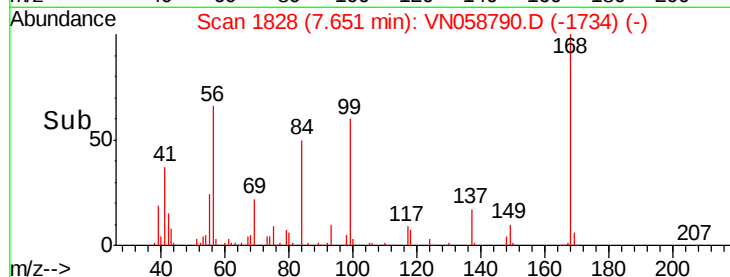
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50000

0

7.60 7.65 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.053 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058790.D

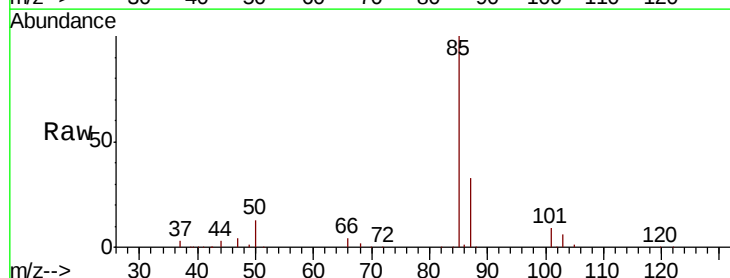
Acq: 15 Oct 2019 18:06

Tgt Ion: 85 Resp: 259481

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

200000

150000

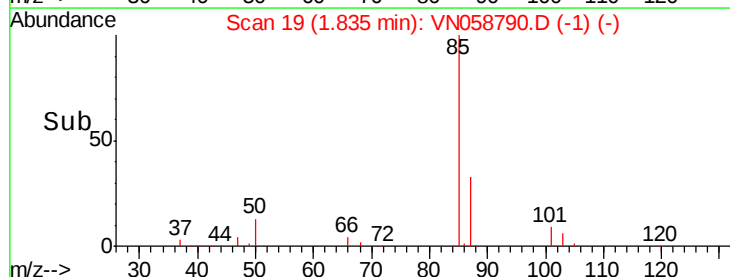
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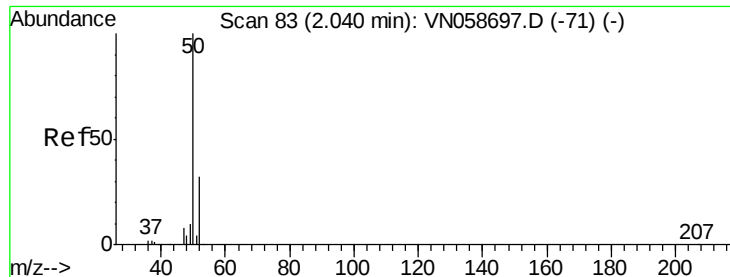
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0

1.80 1.83 1.90

Time-->





#3

Chloromethane

Concen: 48.409 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

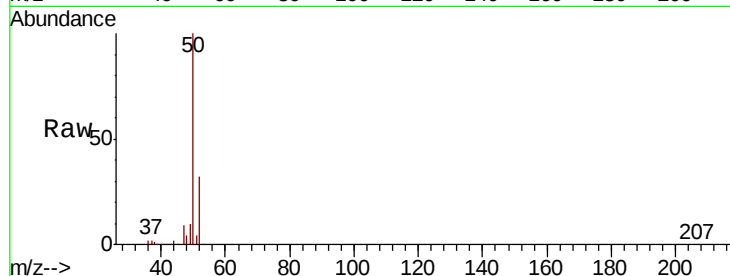
VSTDCCC050EC

Tot Ion: 50 Resp: 292574

Ion Ratio Lower Upper

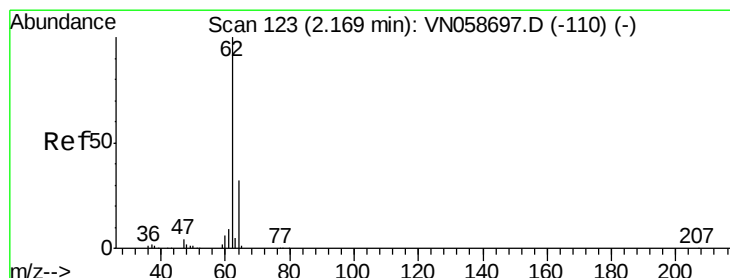
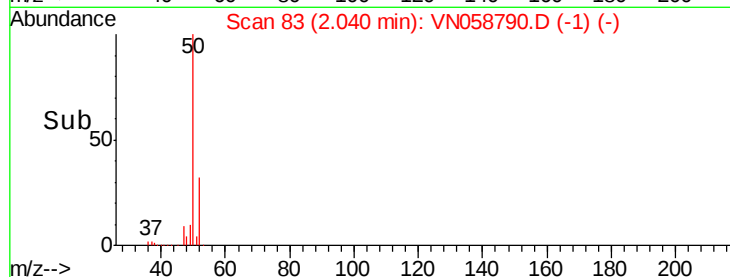
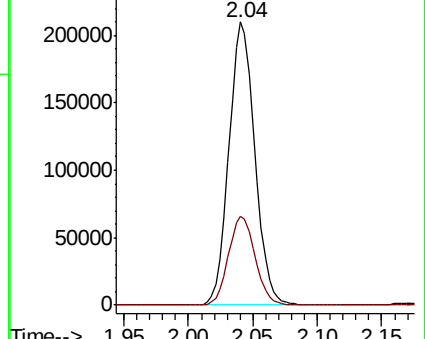
50 100

52 31.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 50.041 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058790.D

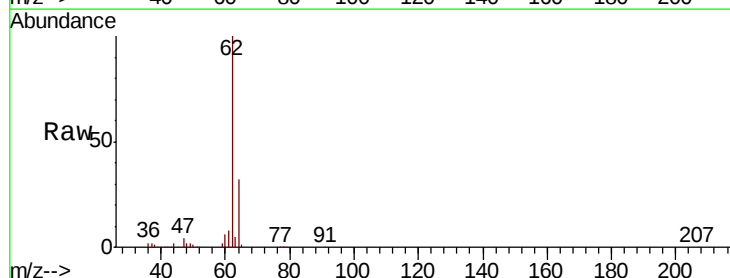
Acq: 15 Oct 2019 18:06

Tgt Ion: 62 Resp: 301223

Ion Ratio Lower Upper

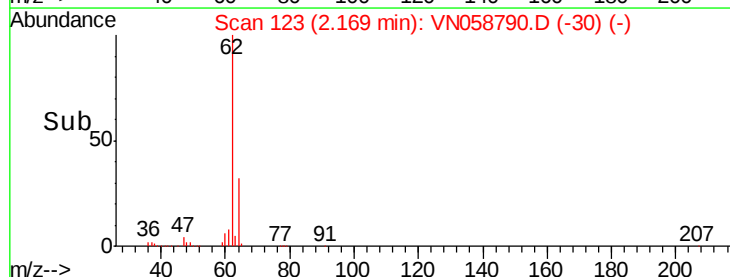
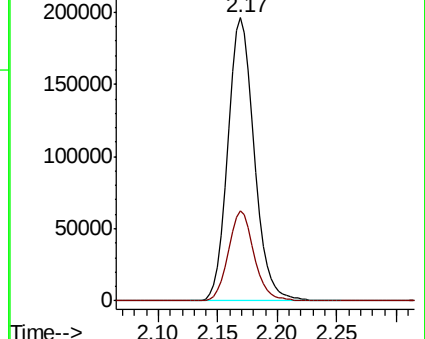
62 100

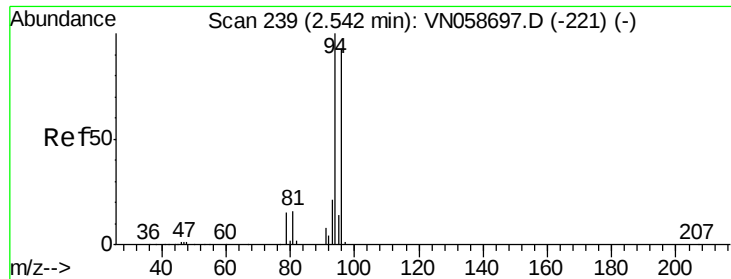
64 32.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

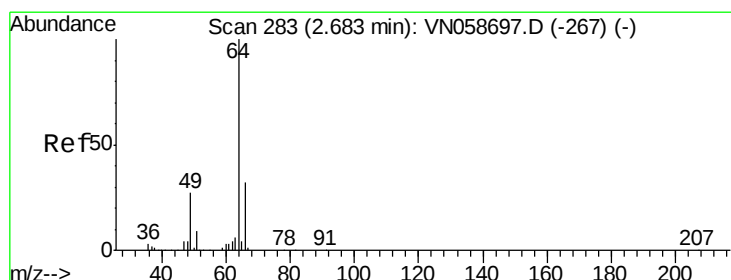
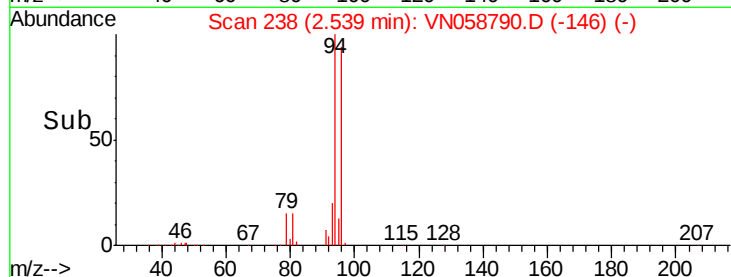
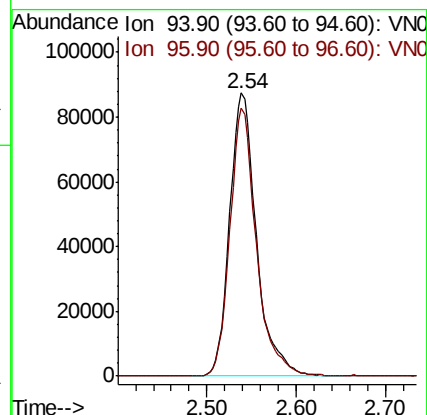
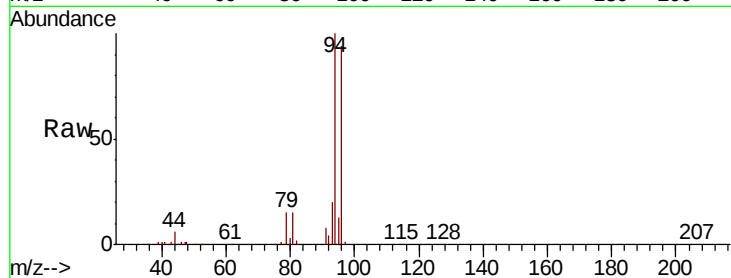




#5  
Bromomethane  
Concen: 49.842 ug/l  
RT: 2.54 min Scan# 238  
Delta R.T. -0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

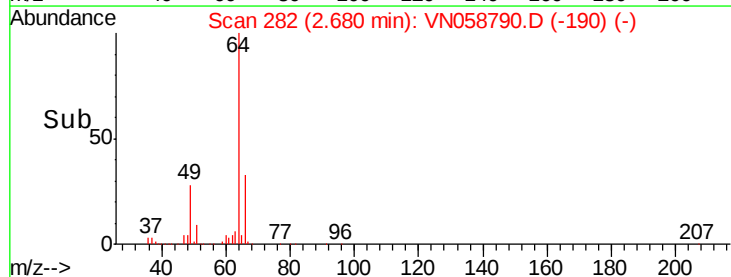
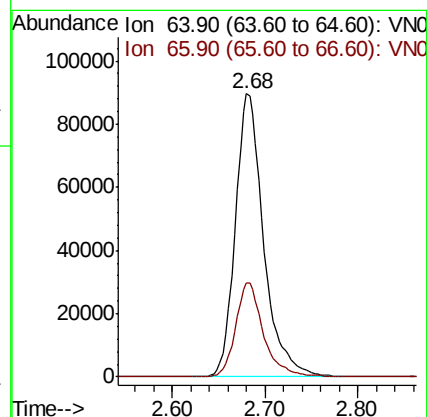
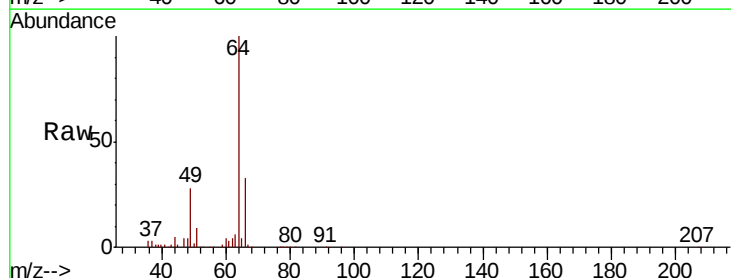
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

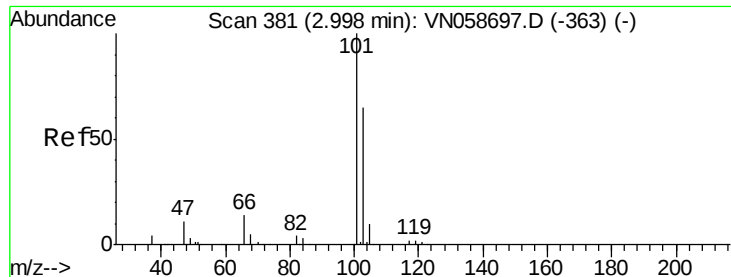
Tot Ion: 94 Resp: 182514  
Ion Ratio Lower Upper  
94 100  
96 94.5 74.5 111.7



#6  
Chloroethane  
Concen: 51.043 ug/l  
RT: 2.68 min Scan# 282  
Delta R.T. -0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Tgt Ion: 64 Resp: 189520  
Ion Ratio Lower Upper  
64 100  
66 33.3 25.4 38.2





#7

Trichlorofluoromethane

Concen: 50.607 ug/l

RT: 3.00 min Scan# 380

Delta R.T. -0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

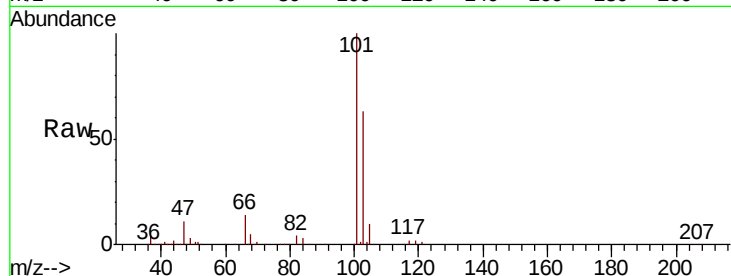
VSTDCCC050EC

Tot Ion:101 Resp: 364577

Ion Ratio Lower Upper

101 100

103 63.3 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.00

150000

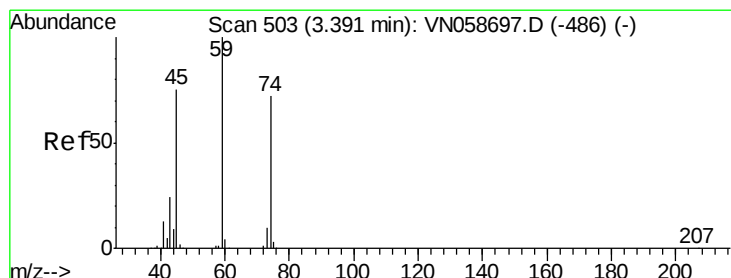
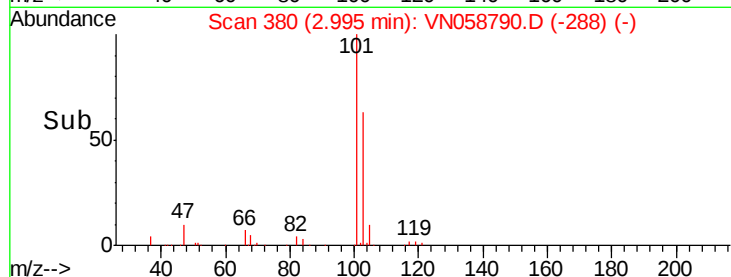
100000

50000

0

Time-->

2.90 3.00 3.10



#8

Diethyl Ether

Concen: 48.545 ug/l

RT: 3.39 min Scan# 503

Delta R.T. 0.00 min

Lab File: VN058790.D

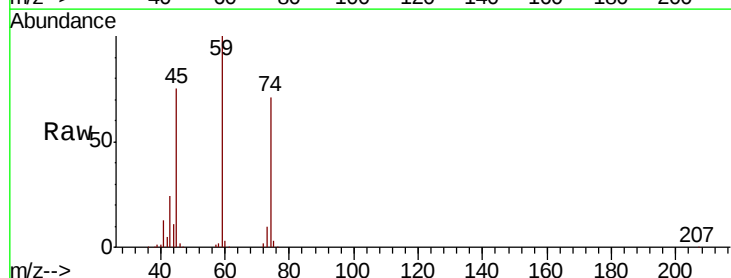
Acq: 15 Oct 2019 18:06

Tgt Ion: 74 Resp: 129215

Ion Ratio Lower Upper

74 100

45 108.7 51.3 154.0



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.39

60000

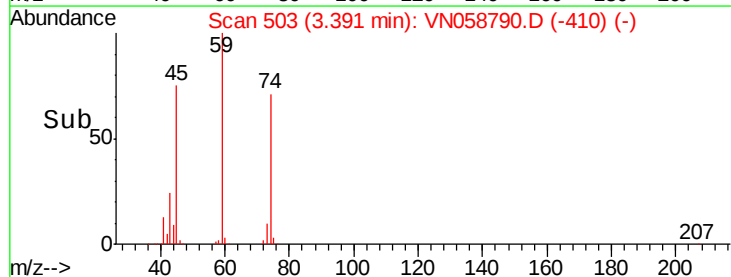
40000

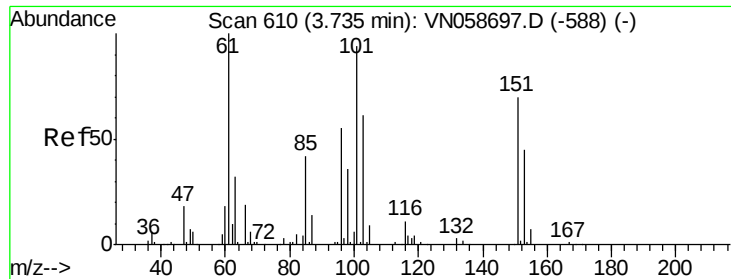
20000

0

Time-->

3.30 3.35 3.40 3.45 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.213 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

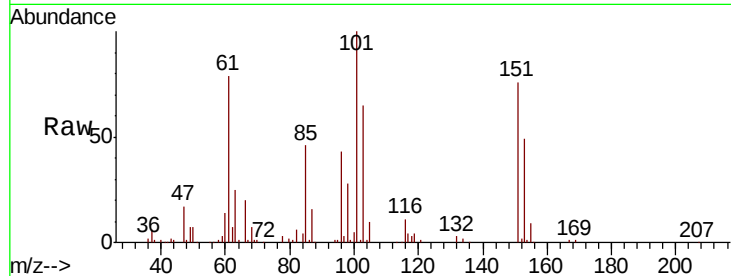
Tot Ion:101 Resp: 206260

Ion Ratio Lower Upper

101 100

85 46.1 37.0 55.6

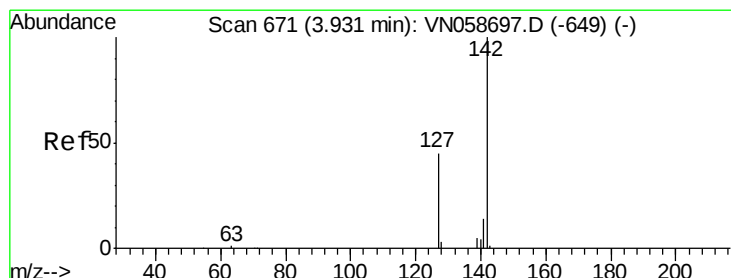
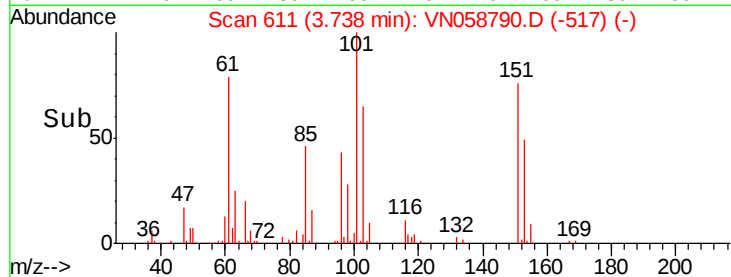
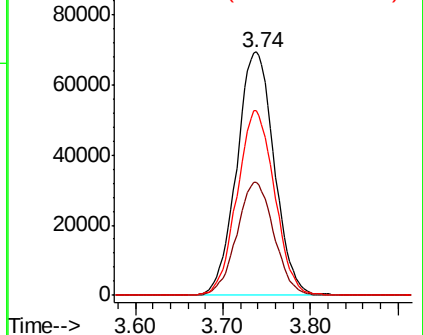
151 75.7 61.8 92.6



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: 49.758 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

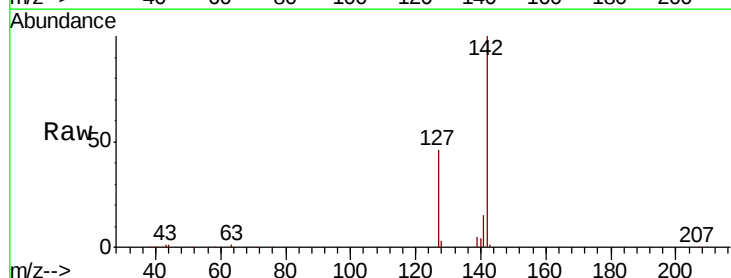
Tgt Ion:142 Resp: 278914

Ion Ratio Lower Upper

142 100

127 45.8 36.4 54.6

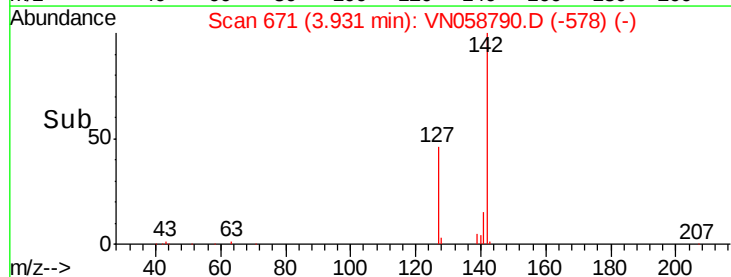
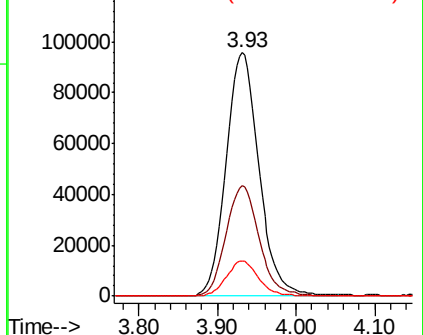
141 14.0 11.1 16.7

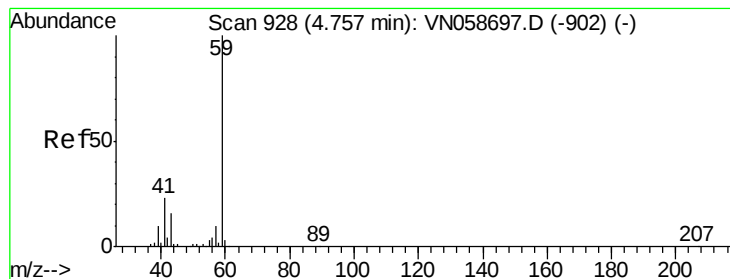


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



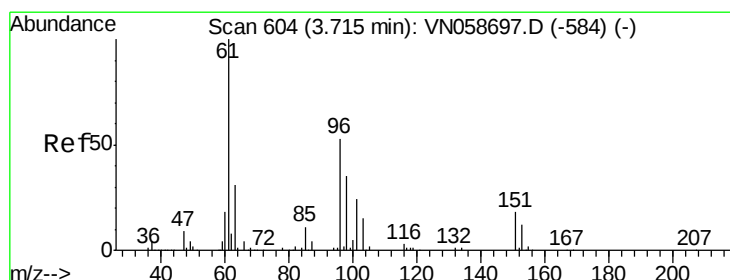
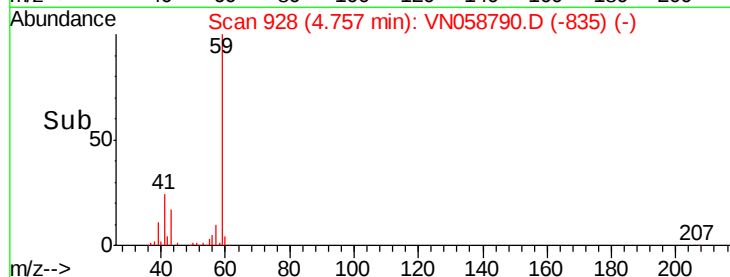
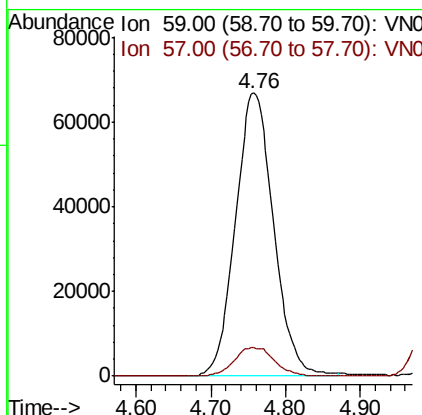
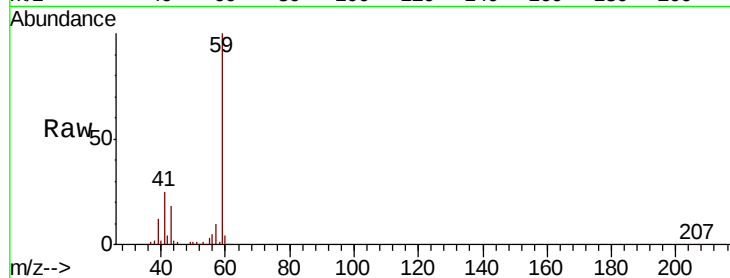


#11

Tert butyl alcohol  
 Concen: 255.801 ug/l  
 RT: 4.76 min Scan# 928  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

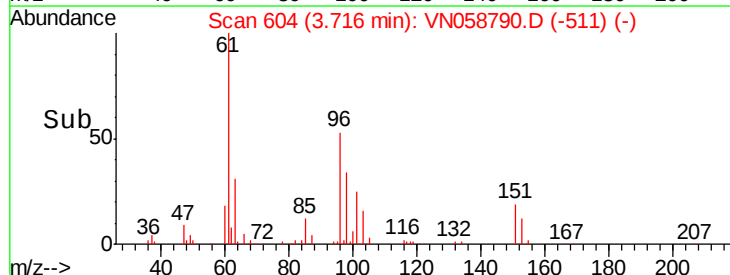
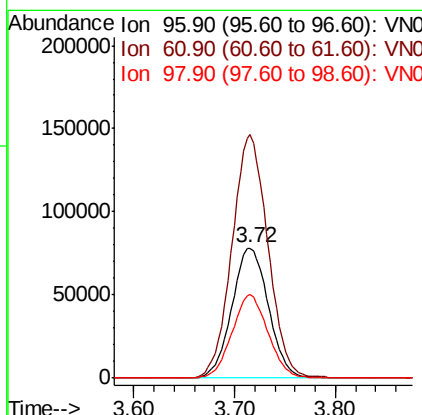
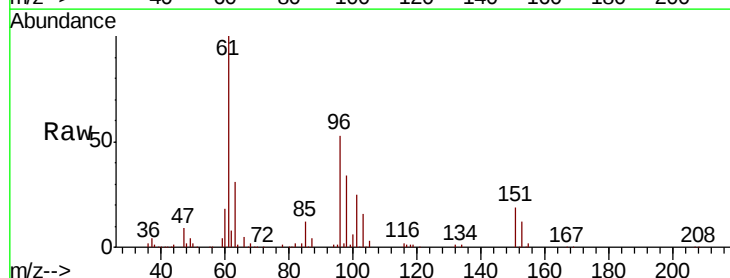
Tot Ion: 59 Resp: 236687  
 Ion Ratio Lower Upper  
 59 100  
 57 10.7 8.4 12.6

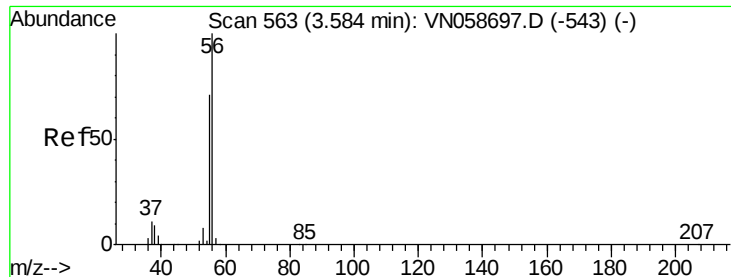


#12

1,1-Dichloroethene  
 Concen: 50.301 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

Tgt Ion: 96 Resp: 197138  
 Ion Ratio Lower Upper  
 96 100  
 61 186.8 151.3 226.9  
 98 63.9 52.6 78.8





#13

Acrolein

Concen: 212.224 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

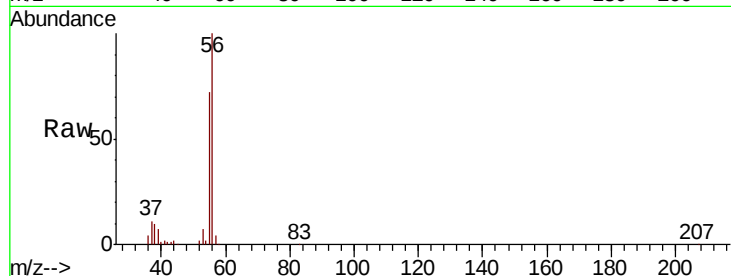
VSTDCCC050EC

Tot Ion: 56 Resp: 157928

Ion Ratio Lower Upper

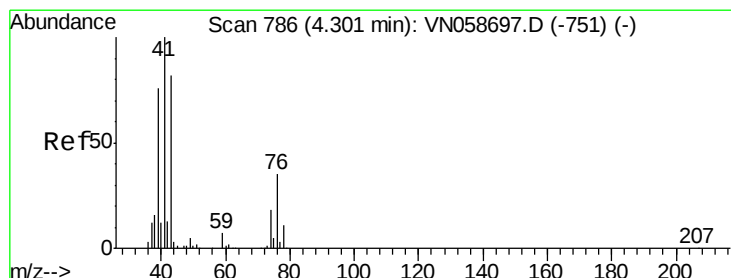
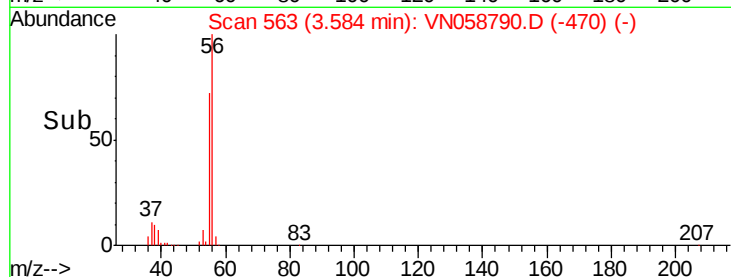
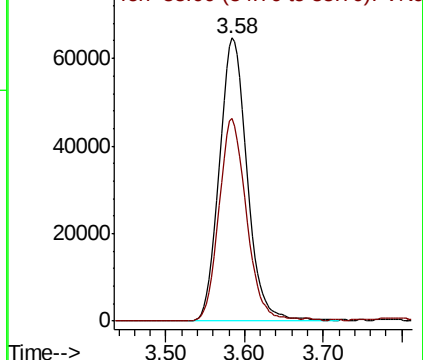
56 100

55 70.7 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 50.639 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

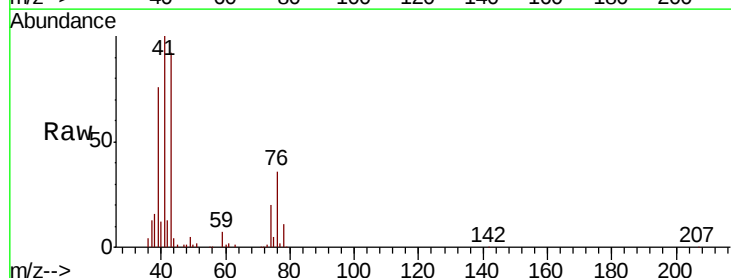
Tgt Ion: 41 Resp: 400512

Ion Ratio Lower Upper

41 100

39 70.9 57.2 85.8

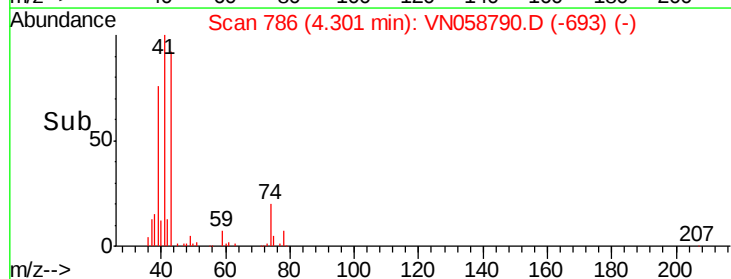
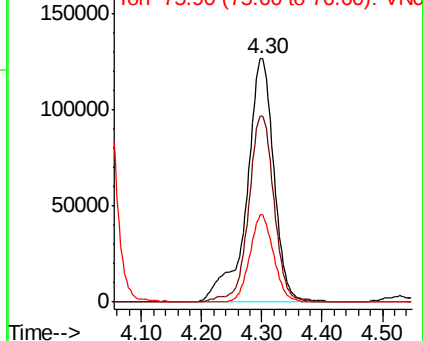
76 31.2 25.0 37.6

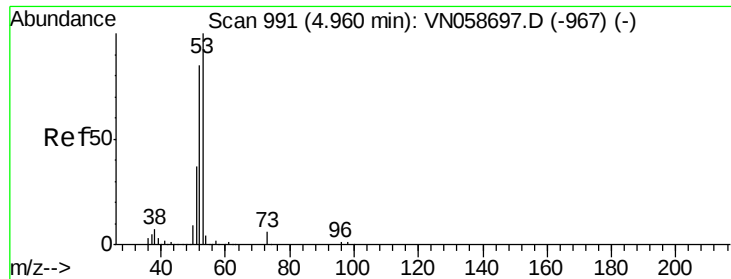


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 273.930 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

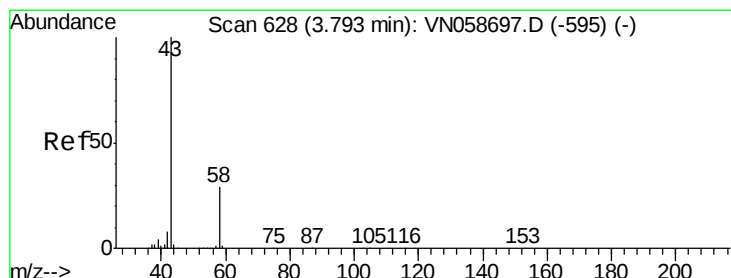
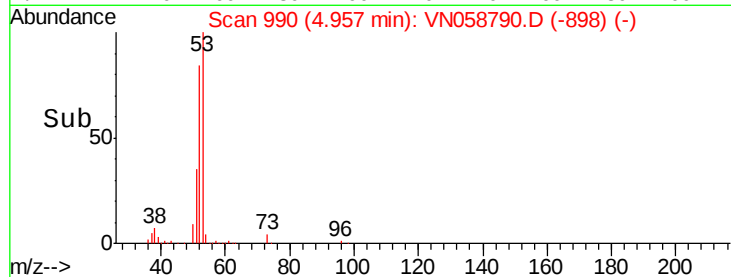
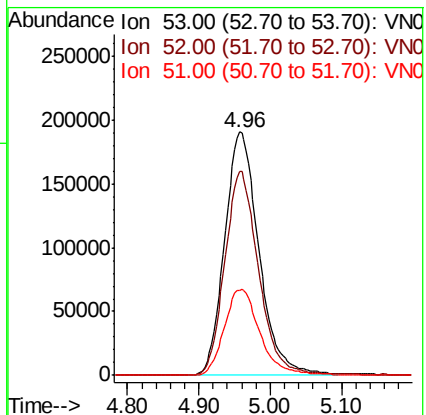
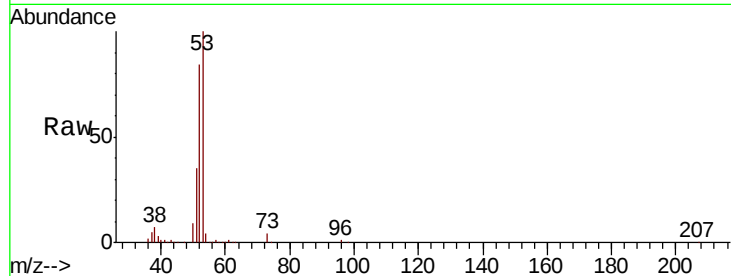
Tot Ion: 53 Resp: 639189

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

51 36.7 29.4 44.2



#16

Acetone

Concen: 259.872 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN058790.D

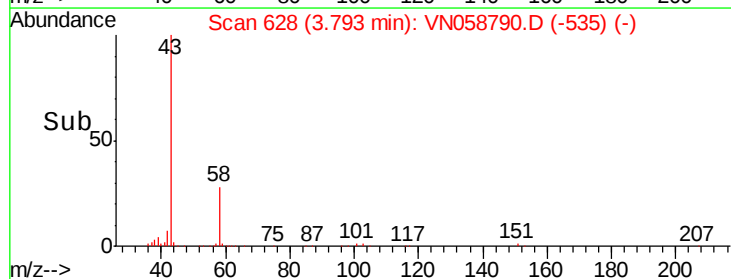
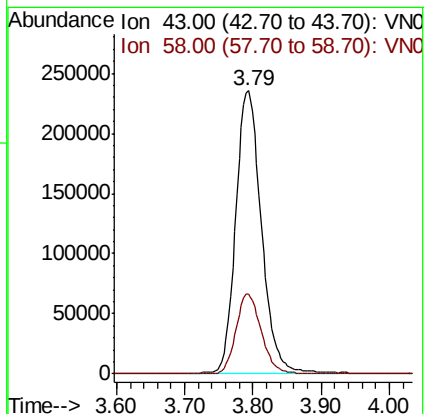
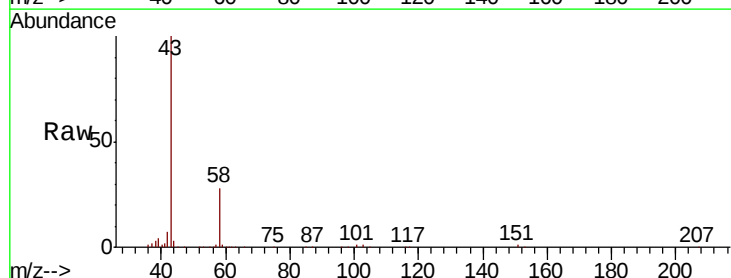
Acq: 15 Oct 2019 18:06

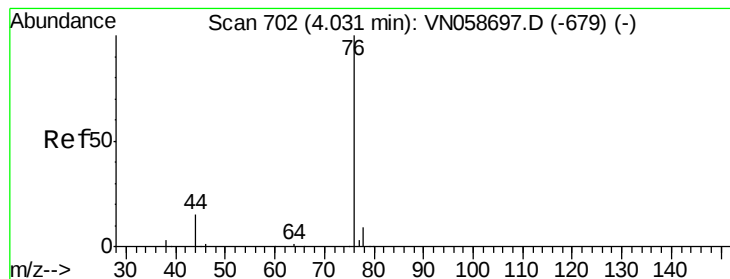
Tgt Ion: 43 Resp: 614667

Ion Ratio Lower Upper

43 100

58 28.4 23.3 34.9





#17

Carbon Disulfide

Concen: 47.342 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

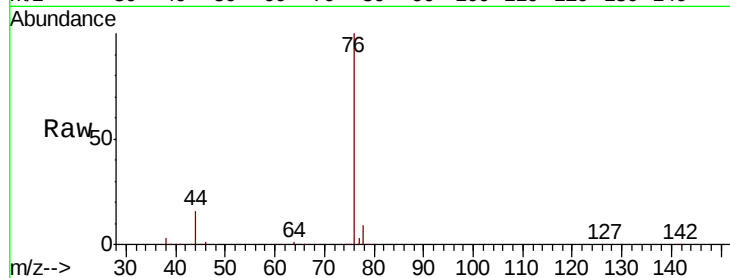
VSTDCCC050EC

Tot Ion: 76 Resp: 593096

Ion Ratio Lower Upper

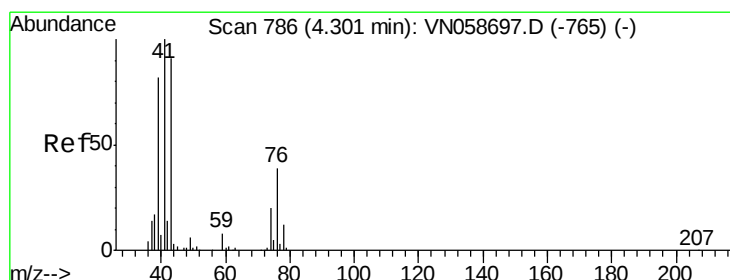
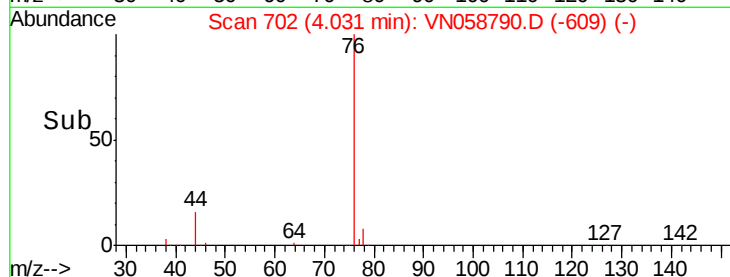
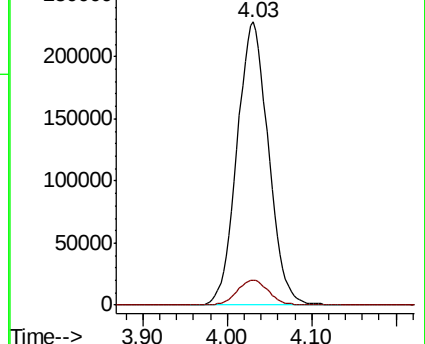
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN058790.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN058790.D (-609) (-)



#18

Methyl Acetate

Concen: 53.967 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058790.D

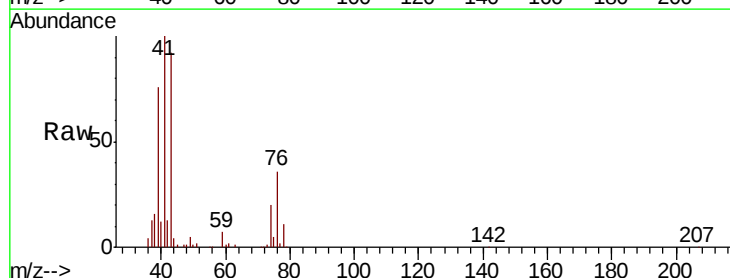
Acq: 15 Oct 2019 18:06

Tgt Ion: 43 Resp: 323786

Ion Ratio Lower Upper

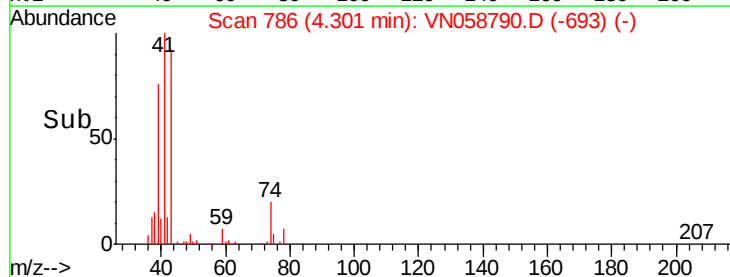
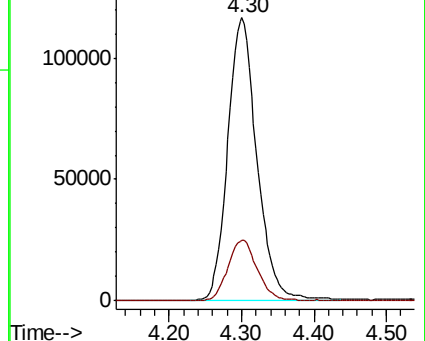
43 100

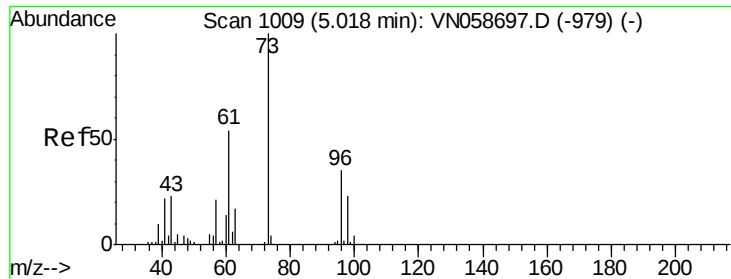
74 22.0 17.2 25.8



Abundance Ion 43.00 (42.70 to 43.70): VN058790.D (-693) (-)

Ion 74.00 (73.70 to 74.70): VN058790.D (-693) (-)

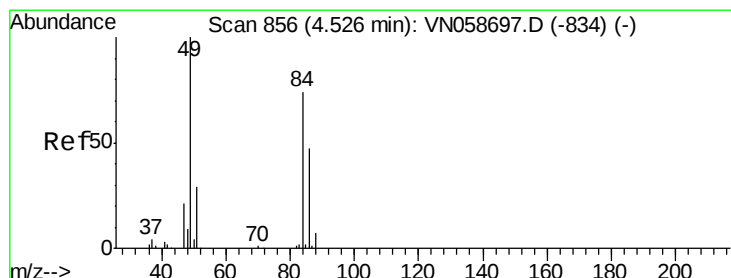
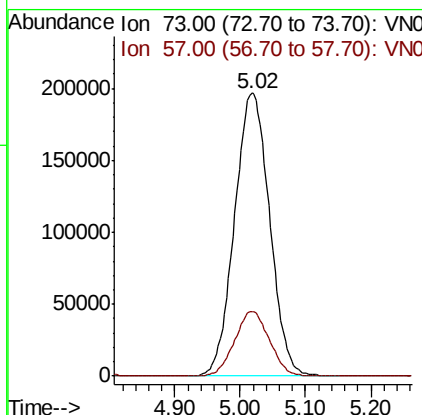
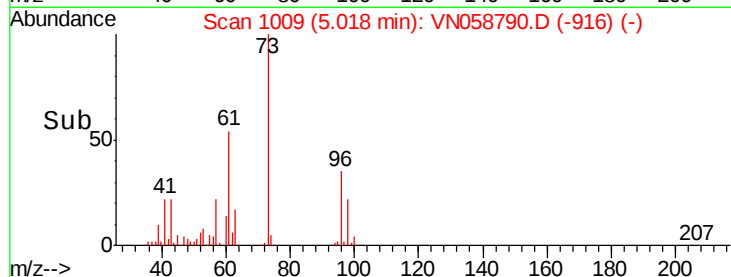
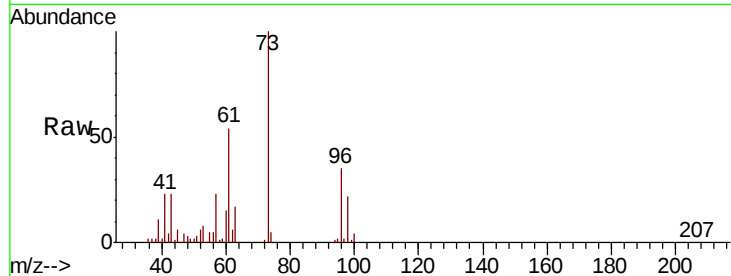




#19  
Methvl tert-butvl Ether  
Concen: 52.568 ug/l  
RT: 5.02 min Scan# 1009  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

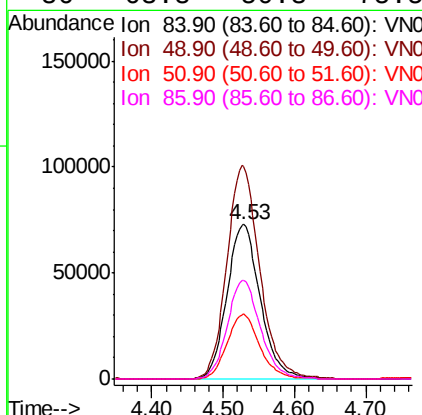
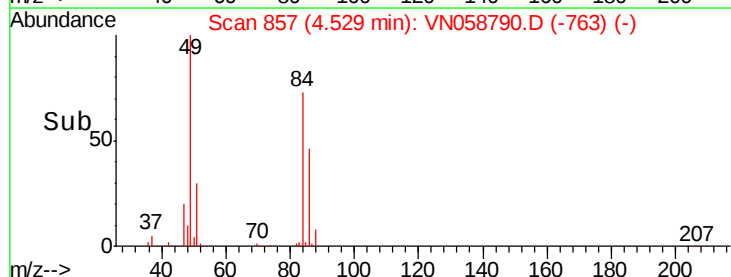
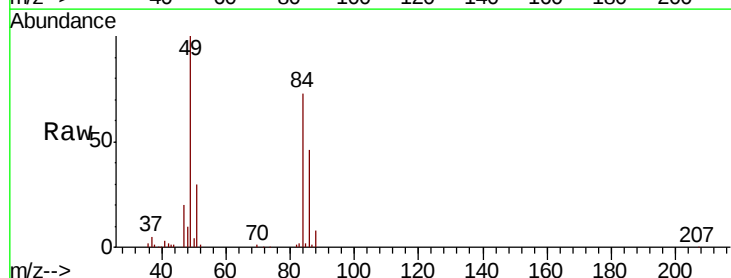
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

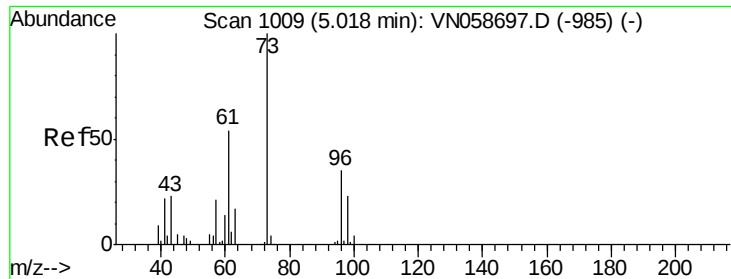
Tot Ion: 73 Resp: 735673  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.0 25.6



#20  
Methylene Chloride  
Concen: 47.977 ug/l  
RT: 4.53 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Tgt Ion: 84 Resp: 237167  
Ion Ratio Lower Upper  
84 100  
49 137.8 107.6 161.4  
51 42.0 31.4 47.0  
86 63.8 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 49.646 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

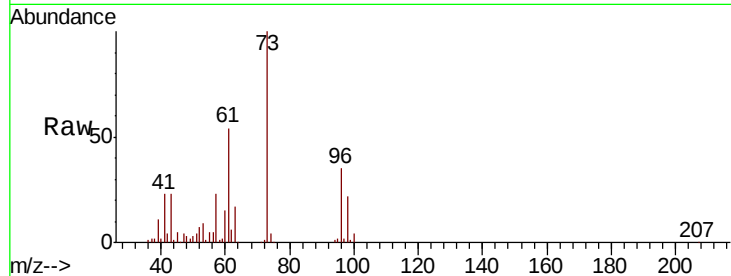
Tot Ion: 96 Resp: 217645

Ion Ratio Lower Upper

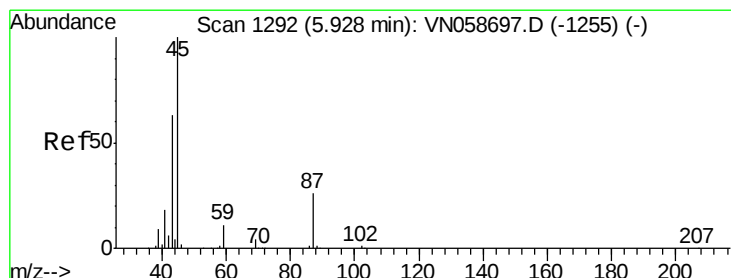
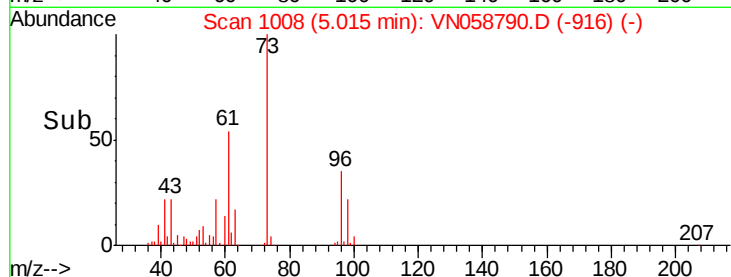
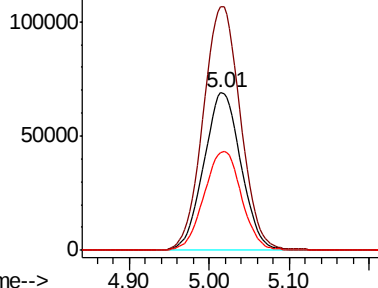
96 100

61 154.8 123.6 185.4

98 62.2 52.1 78.1



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



#22

Diisopropyl ether

Concen: 52.937 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Tgt Ion: 45 Resp: 814062

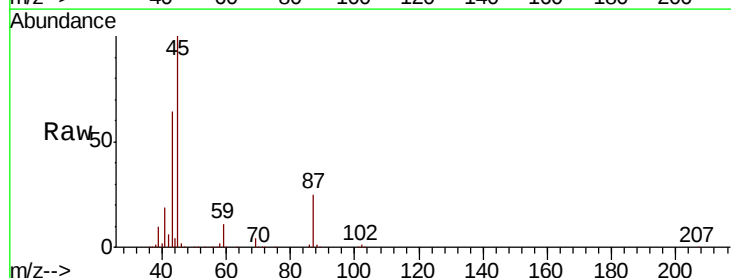
Ion Ratio Lower Upper

45 100

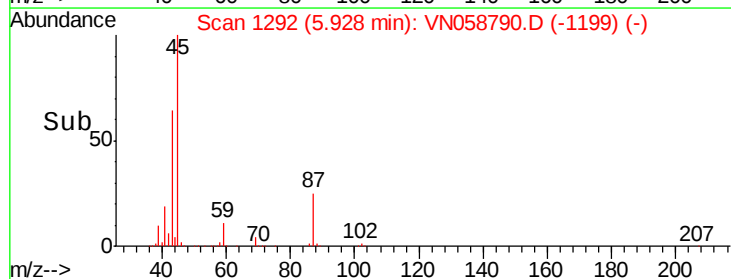
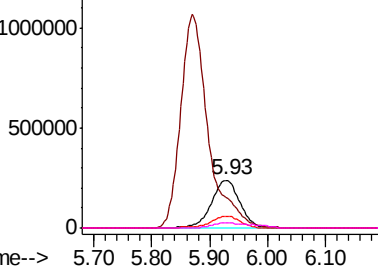
43 63.4 50.6 75.8

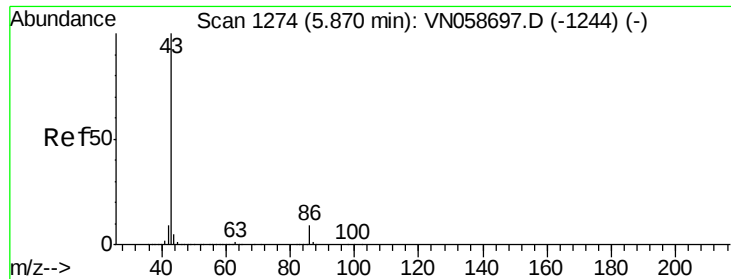
87 25.2 21.1 31.7

59 10.8 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VNC  
Ion 43.00 (42.70 to 43.70): VNC  
Ion 87.00 (86.70 to 87.70): VNC  
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 284.027 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

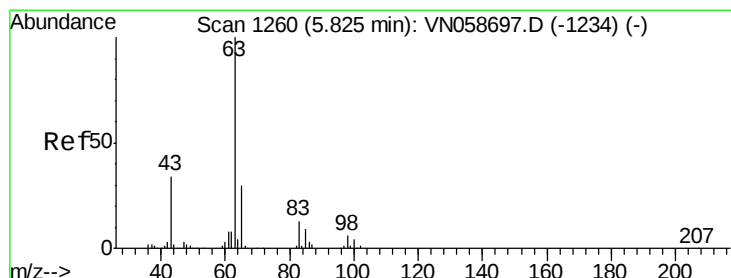
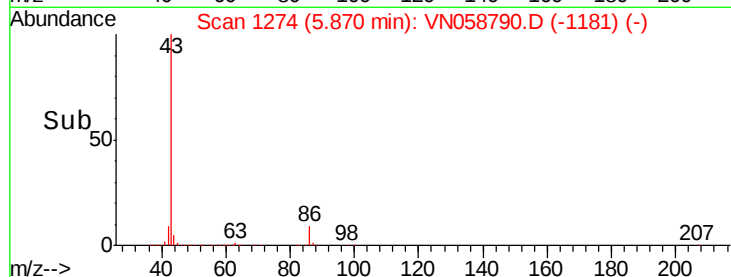
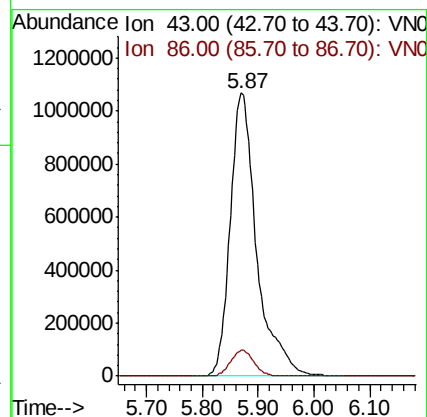
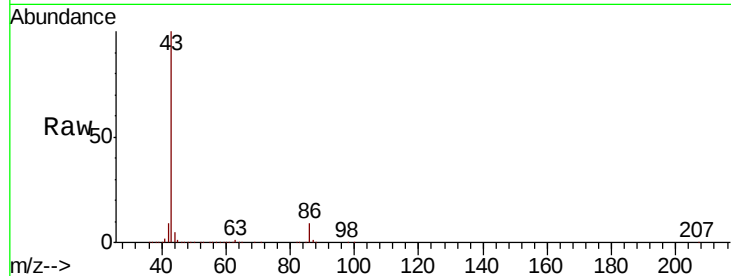
VSTDCCC050EC

Tot Ion: 43 Resp: 3524385

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



#24

1,1-Dichloroethane

Concen: 51.536 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

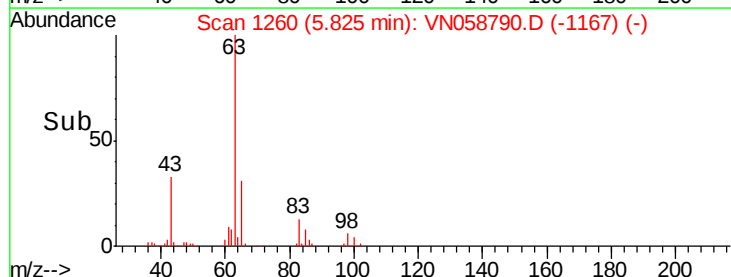
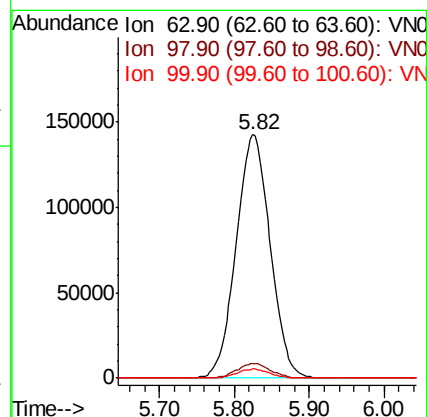
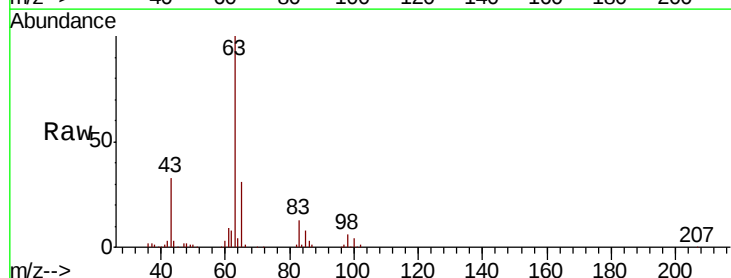
Tgt Ion: 63 Resp: 451368

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.6

100 3.6 1.8 5.5

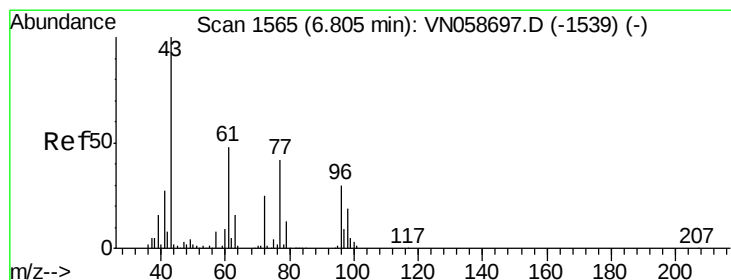
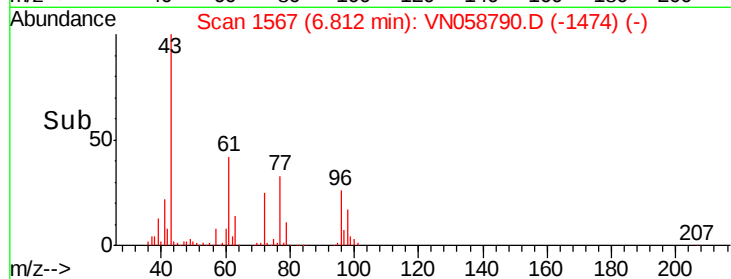
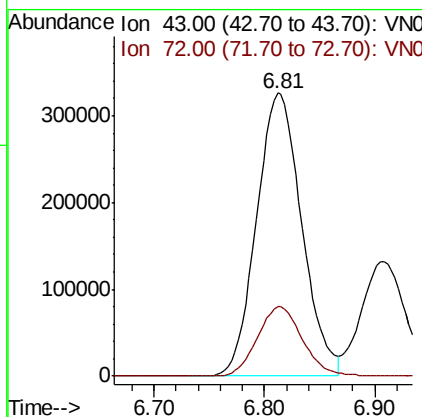
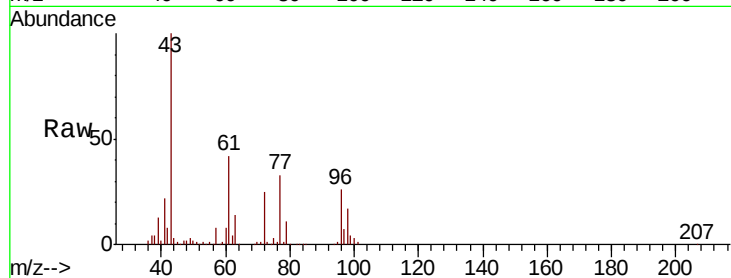




#25  
 2-Butanone  
 Concen: 269.782 ug/l  
 RT: 6.81 min Scan# 1567  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

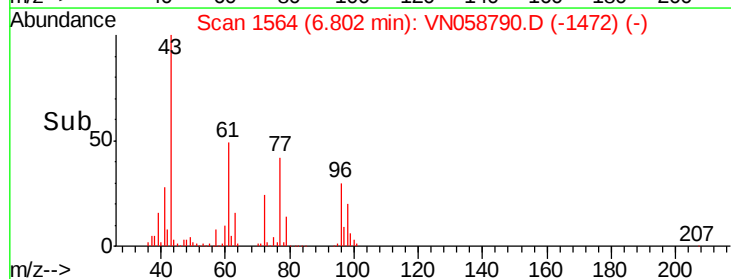
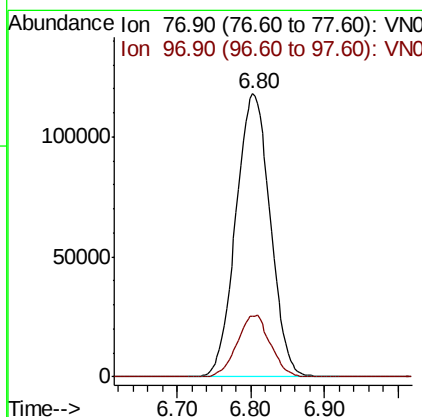
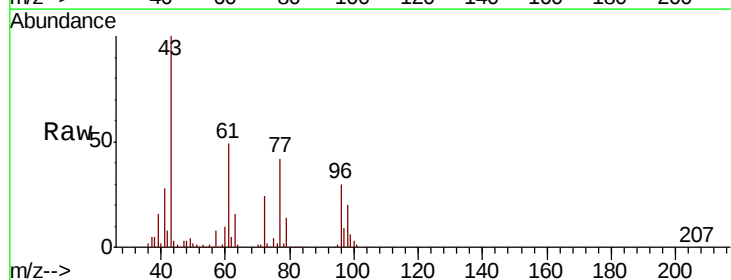
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 43 Resp: 922318  
 Ion Ratio Lower Upper  
 43 100  
 72 24.7 20.2 30.2



#26  
 2,2-Dichloropropane  
 Concen: 47.930 ug/l  
 RT: 6.80 min Scan# 1564  
 Delta R.T. -0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

Tgt Ion: 77 Resp: 383196  
 Ion Ratio Lower Upper  
 77 100  
 97 21.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 49.683 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

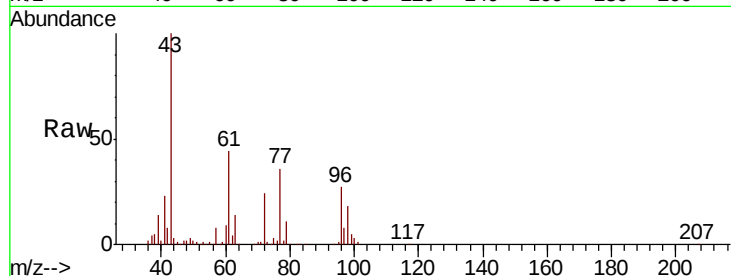
Tot Ion: 96 Resp: 253985

Ion Ratio Lower Upper

96 100

61 162.6 0.0 324.8

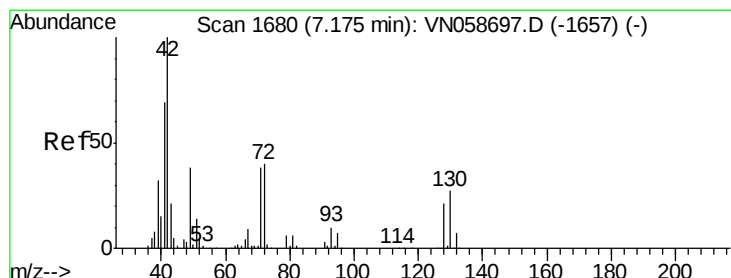
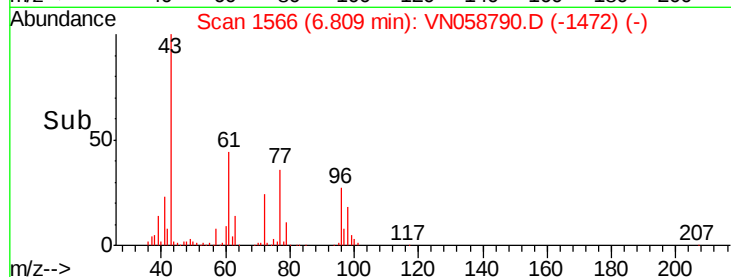
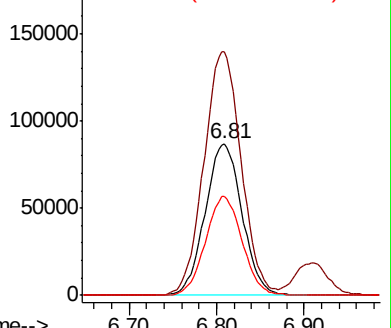
98 64.9 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN058790.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN058790.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN058790.D (-1542) (-)



#28

Bromochloromethane

Concen: 50.777 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

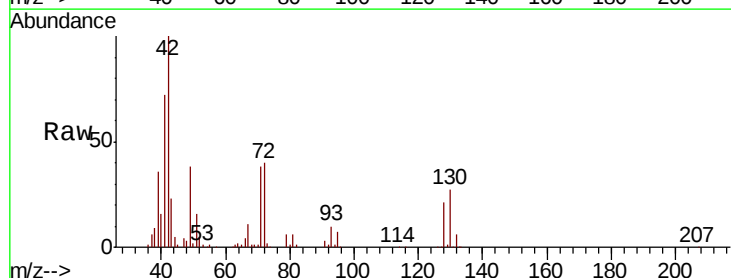
Tgt Ion: 49 Resp: 154714

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.6

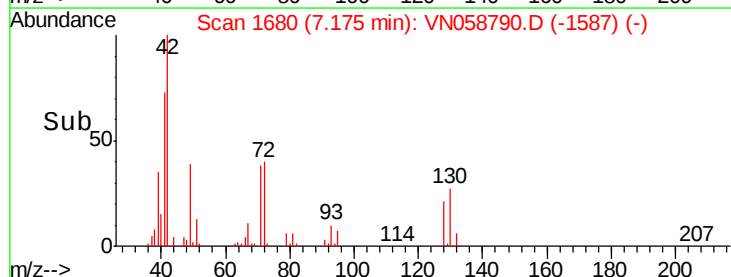
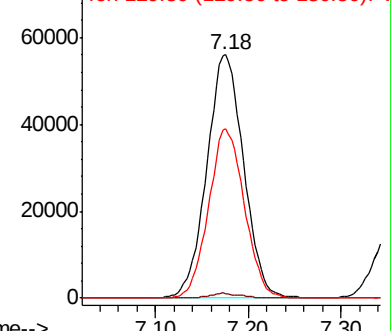
130 67.4 55.0 82.4



Abundance Ion 48.90 (48.60 to 49.60): VN058790.D (-1587) (-)

Ion 128.80 (128.50 to 129.50): VN058790.D (-1587) (-)

Ion 129.80 (129.50 to 130.50): VN058790.D (-1587) (-)

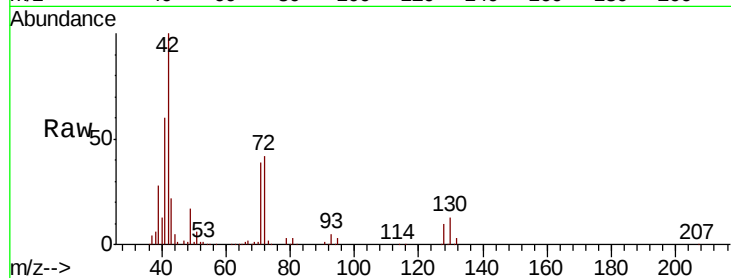




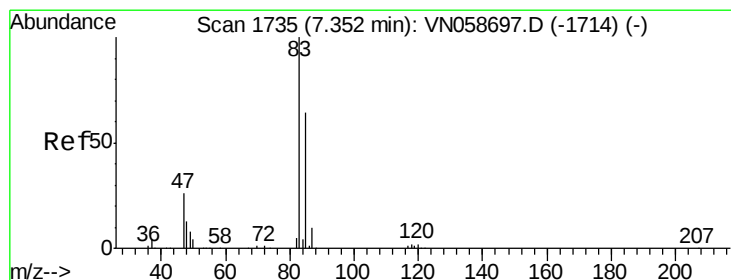
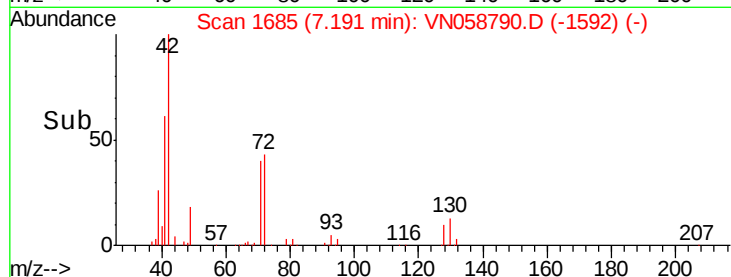
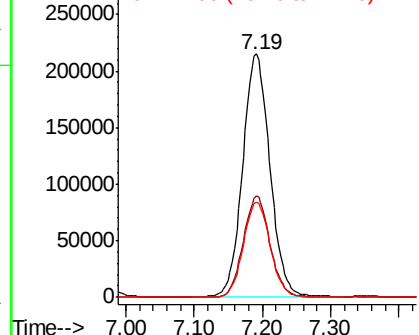
#29  
Tetrahydrofuran  
Concen: 270.818 ug/l  
RT: 7.19 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 42 Resp: 598320  
Ion Ratio Lower Upper  
42 100  
72 40.8 32.8 49.2  
71 38.5 31.1 46.7

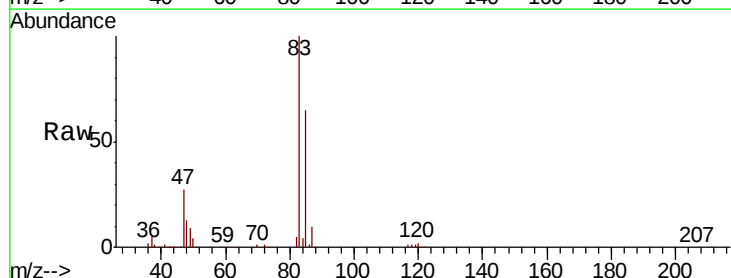


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

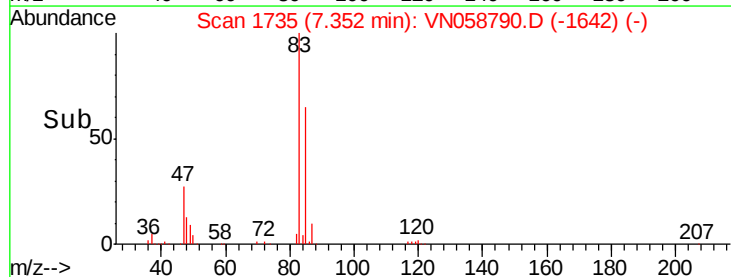
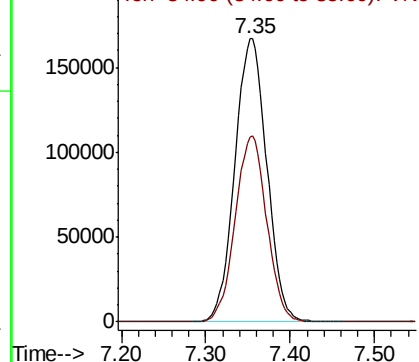


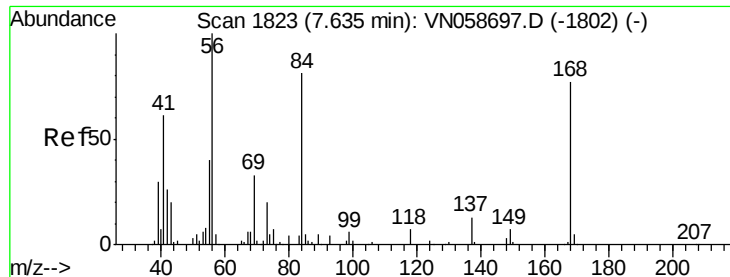
#30  
Chloroform  
Concen: 50.068 ug/l  
RT: 7.35 min Scan# 1735  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Tgt Ion: 83 Resp: 440573  
Ion Ratio Lower Upper  
83 100  
85 65.4 51.0 76.6



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





#31

Cyclohexane

Concen: 48.847 ug/l

RT: 7.64 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

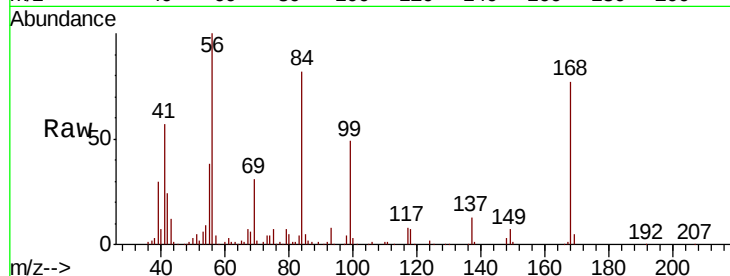
Tot Ion: 56 Resp: 409340

Ion Ratio Lower Upper

56 100

69 31.1 26.2 39.4

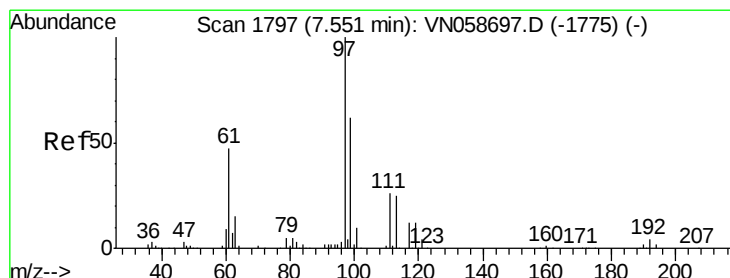
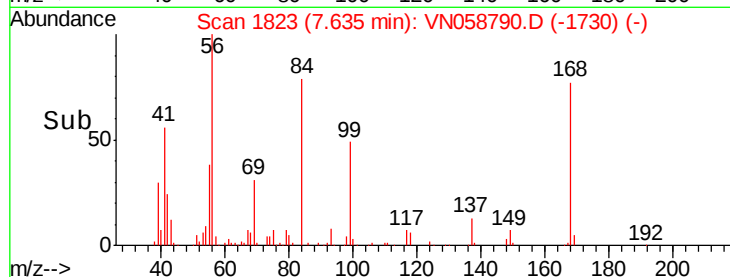
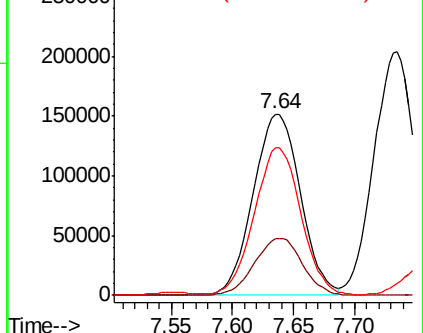
84 80.4 64.9 97.3



Abundance Ion 56.00 (55.70 to 56.70): VN058790.D (-1802) (-)

Ion 69.00 (68.70 to 69.70): VN058790.D (-1802) (-)

Ion 84.00 (83.70 to 84.70): VN058790.D (-1802) (-)



#32

1,1,1-Trichloroethane

Concen: 51.996 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

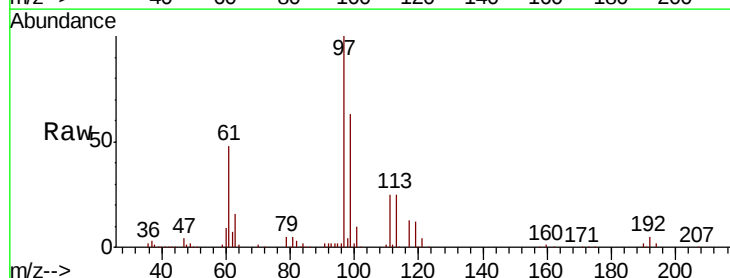
Tgt Ion: 97 Resp: 390200

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

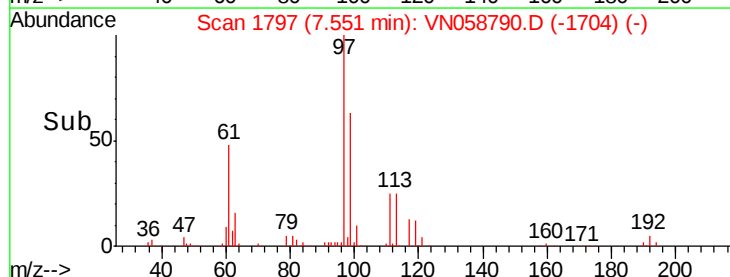
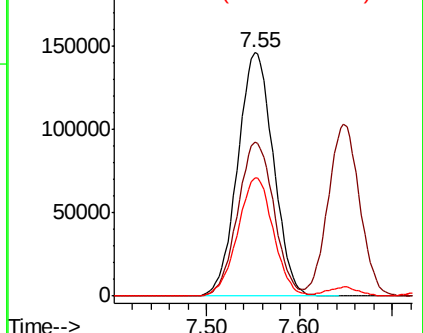
61 48.5 38.1 57.1

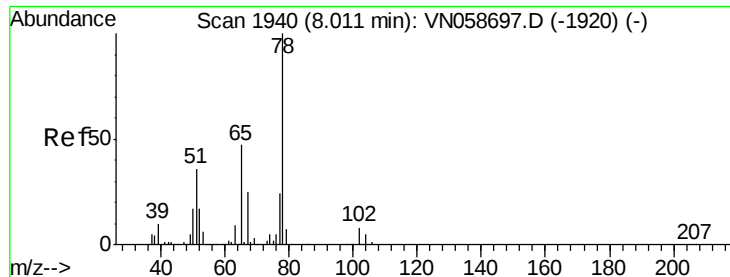


Abundance Ion 96.90 (96.60 to 97.60): VN058790.D (-1775) (-)

Ion 98.90 (98.60 to 99.60): VN058790.D (-1775) (-)

Ion 60.90 (60.60 to 61.60): VN058790.D (-1775) (-)

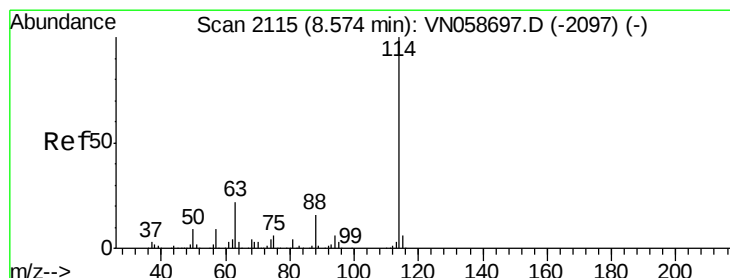
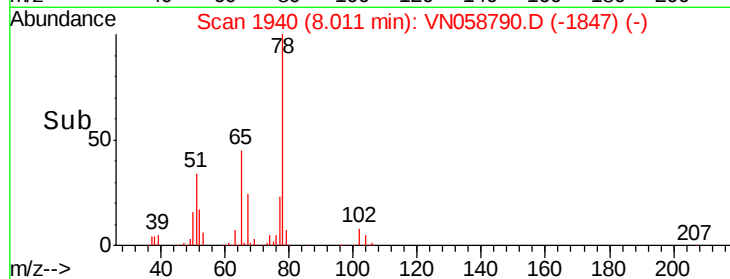
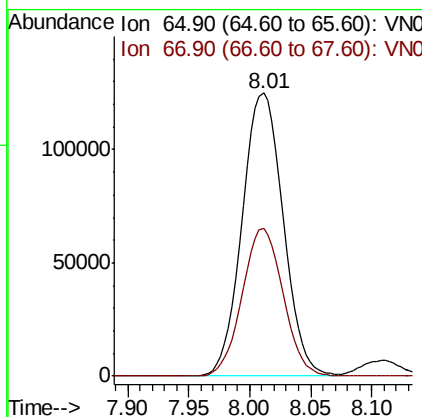
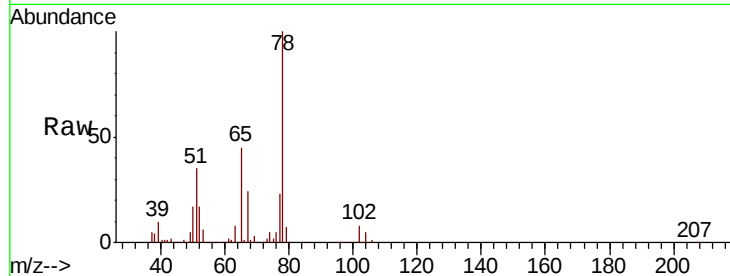




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.005 ug/l  
 RT: 8.01 min Scan# 1940  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

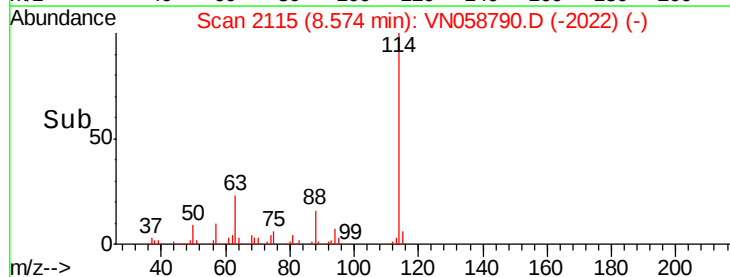
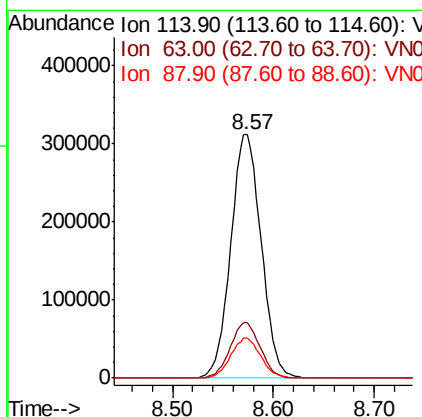
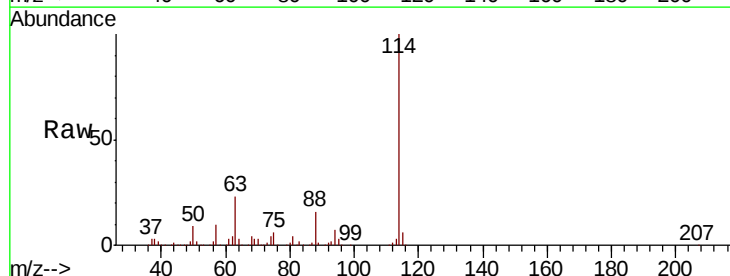
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

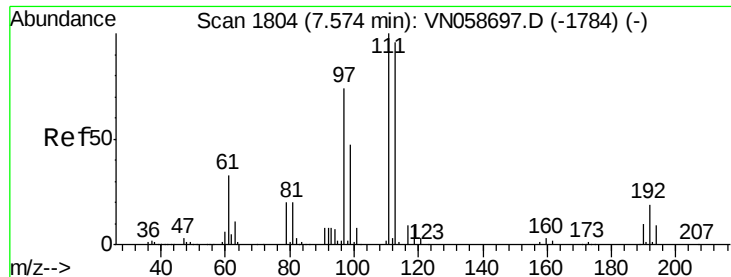
Tot Ion: 65 Resp: 291406  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2115  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

Tgt Ion: 114 Resp: 653303  
 Ion Ratio Lower Upper  
 114 100  
 63 22.8 0.0 43.8  
 88 16.4 0.0 32.0

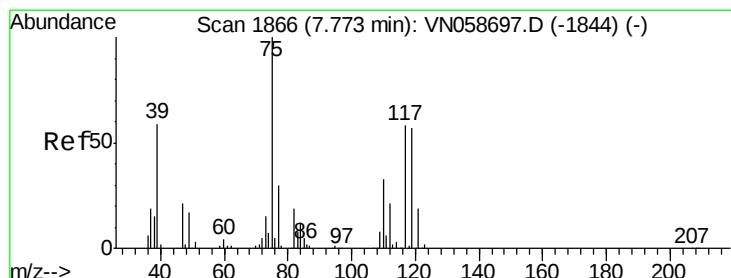
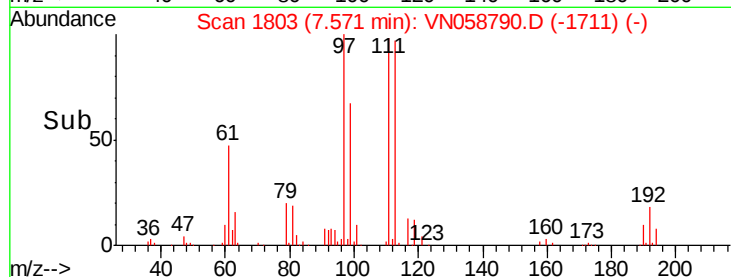
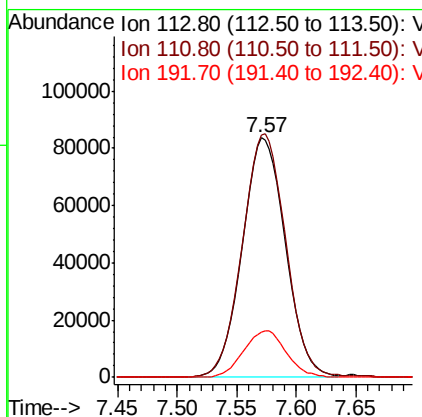
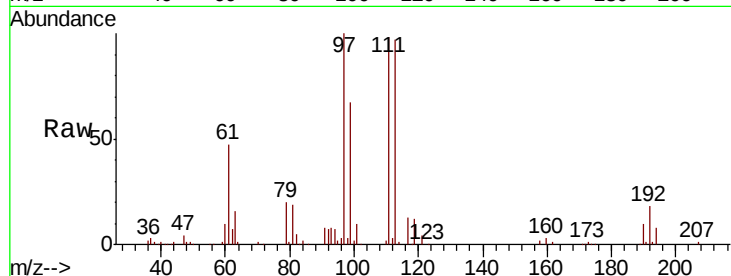




#35  
 Dibromofluoromethane  
 Concen: 52.178 ug/l  
 RT: 7.57 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

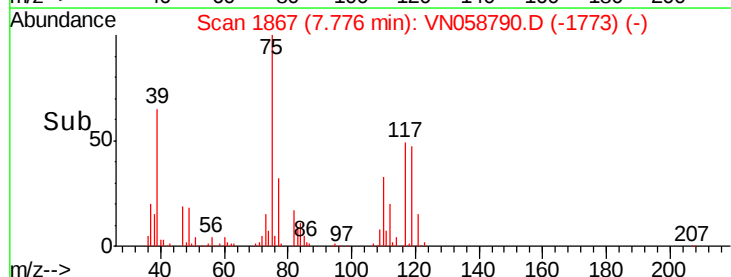
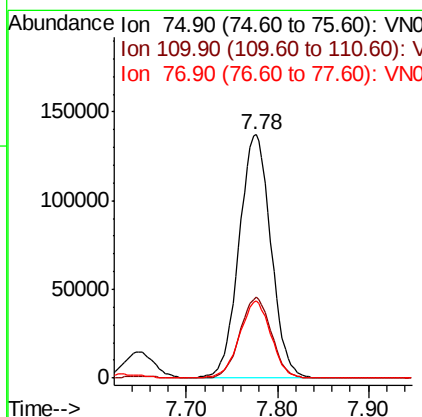
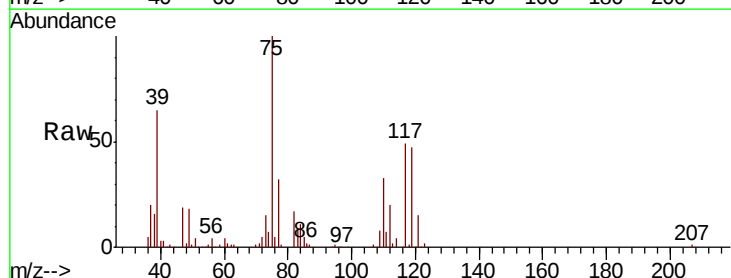
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

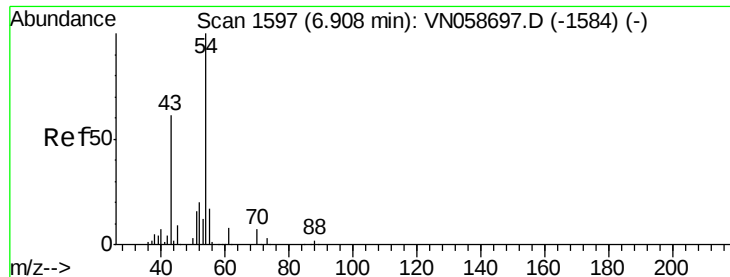
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.5 | 82.3  | 123.5 |
| 192     | 19.2  | 15.0  | 22.6  |



#36  
 1,1-Dichloropropene  
 Concen: 50.342 ug/l  
 RT: 7.78 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 32.9  | 16.6  | 49.8  |
| 77      | 31.7  | 24.6  | 37.0  |

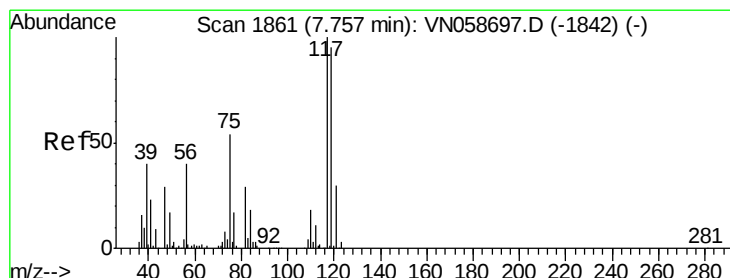
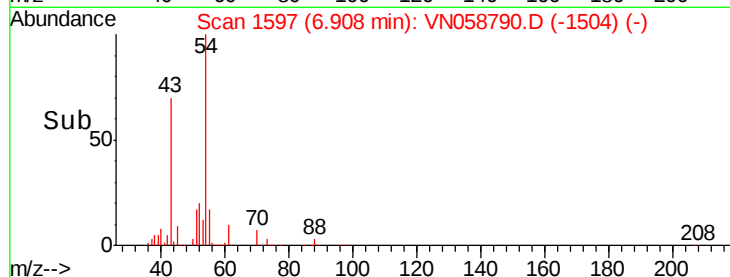
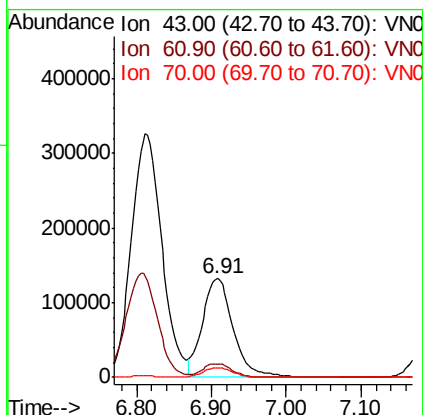
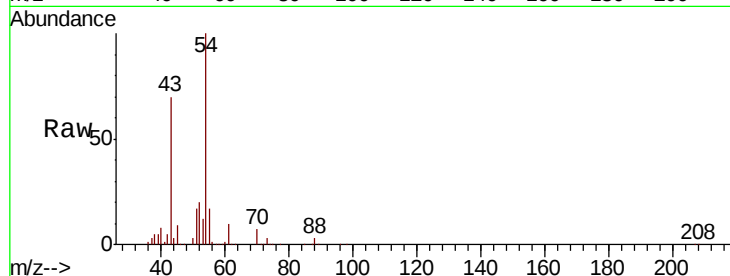




#37  
Ethyl Acetate  
Concen: 56.142 ug/l  
RT: 6.91 min Scan# 1597  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

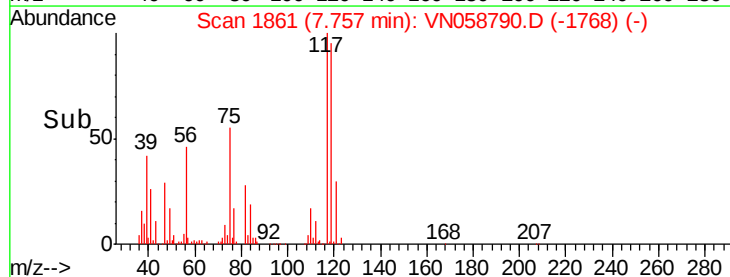
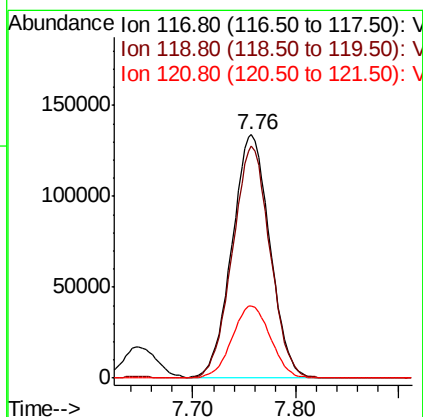
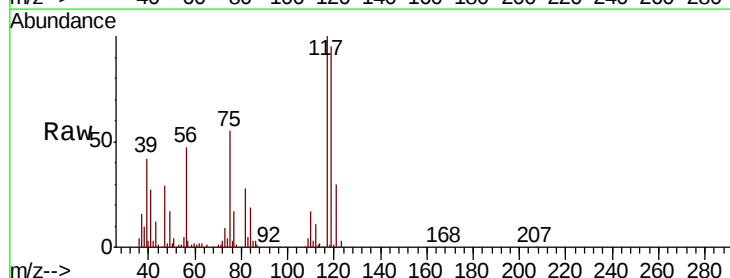
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 375040  
Ion Ratio Lower Upper  
43 100  
61 13.4 11.3 16.9  
70 9.5 7.2 10.8



#38  
Carbon Tetrachloride  
Concen: 53.206 ug/l  
RT: 7.76 min Scan# 1861  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Tgt Ion: 117 Resp: 342522  
Ion Ratio Lower Upper  
117 100  
119 95.2 75.7 113.5  
121 29.8 23.9 35.9





#39

Methvlcvclohexane

Concen: 50.751 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

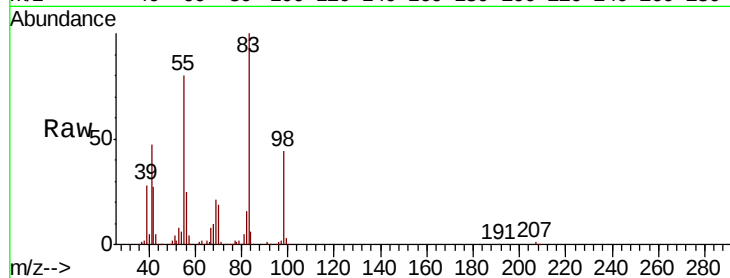
Tot Ion: 83 Resp: 388991

Ion Ratio Lower Upper

83 100

55 79.9 63.4 95.0

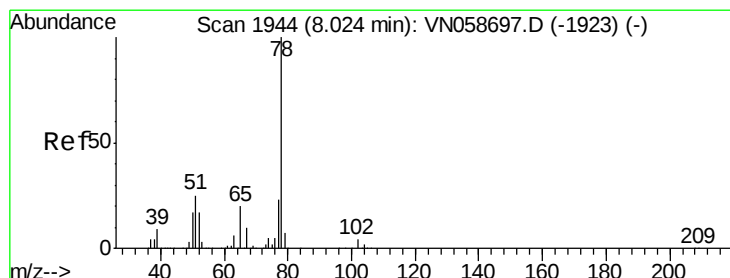
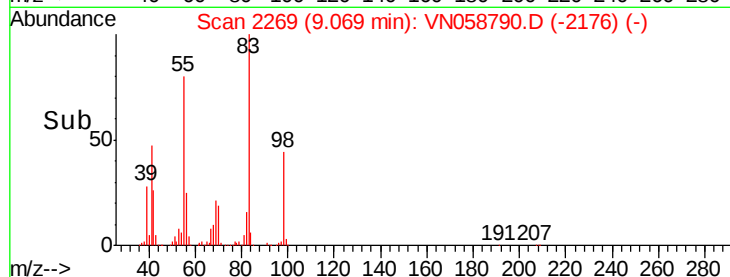
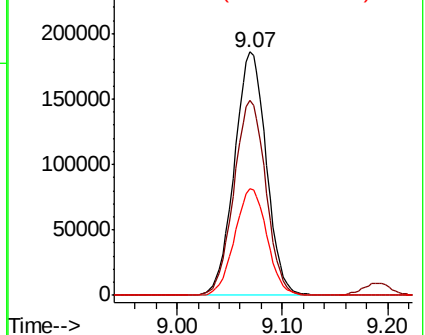
98 43.6 35.1 52.7



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: 51.812 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN058790.D

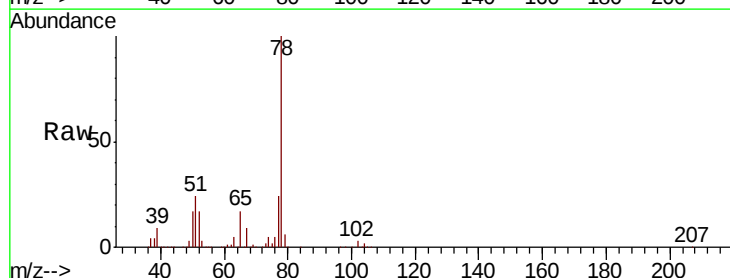
Acq: 15 Oct 2019 18:06

Tgt Ion: 78 Resp: 982901

Ion Ratio Lower Upper

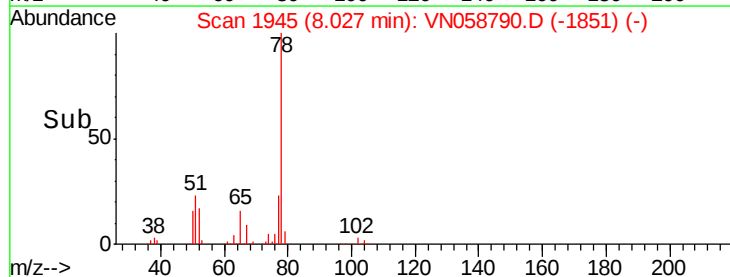
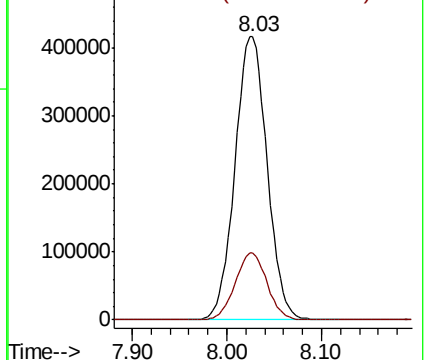
78 100

77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

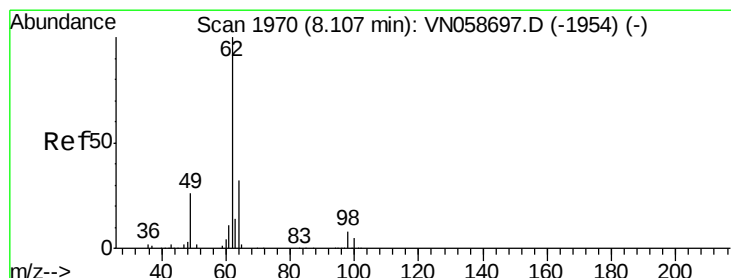
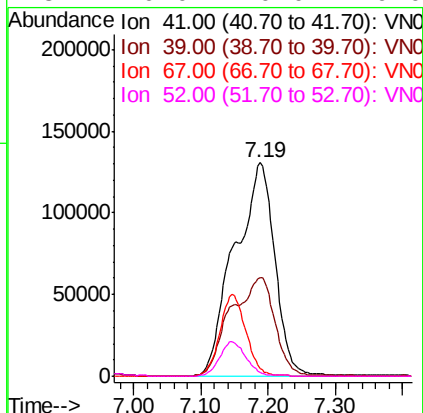
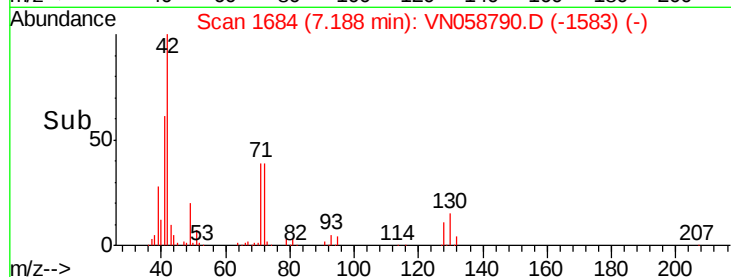
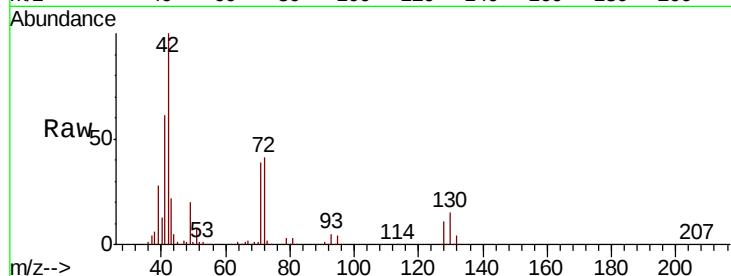




#41  
Methacrylonitrile  
Concen: 173.065 ug/l  
RT: 7.19 min Scan# 1684  
Delta R.T. 0.03 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

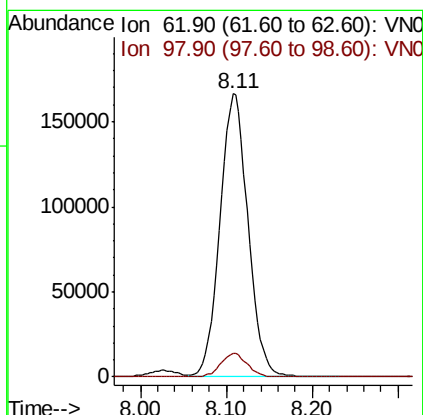
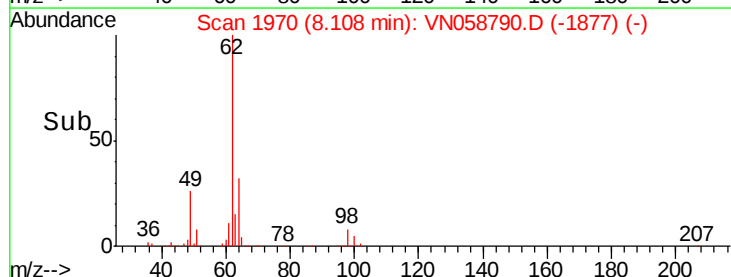
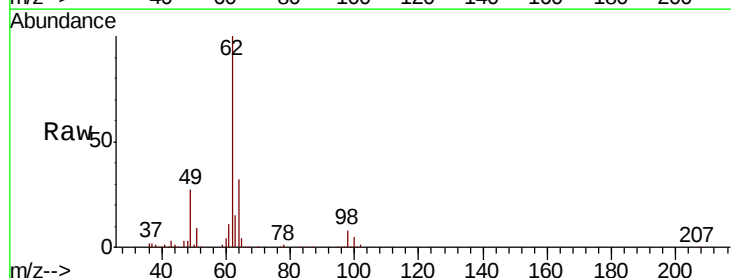
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 41      | 100   |       |        |
| 39      | 0.0   | 115.4 | 173.2# |
| 67      | 0.0   | 0.0   | 0.0    |
| 52      | 0.0   | 0.0   | 0.0    |



#42  
1,2-Dichloroethane  
Concen: 51.837 ug/l  
RT: 8.11 min Scan# 1970  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 7.8   | 0.0   | 15.8  |



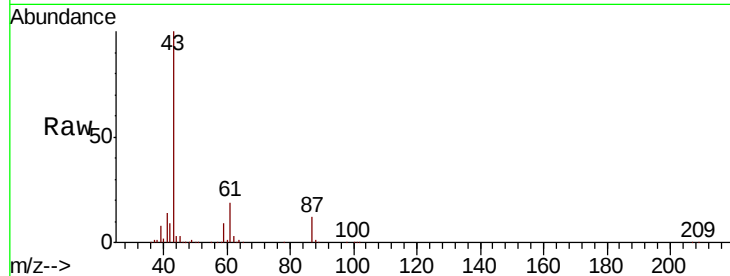


#43

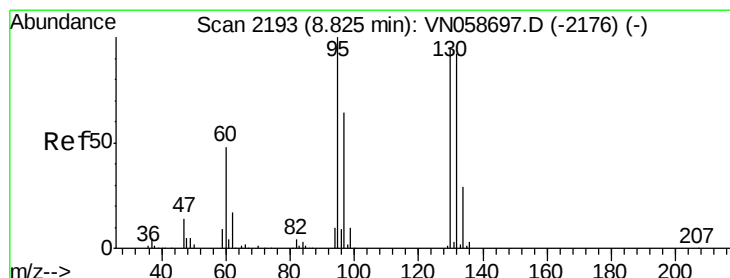
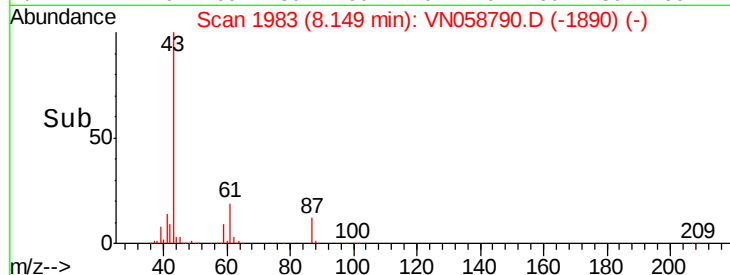
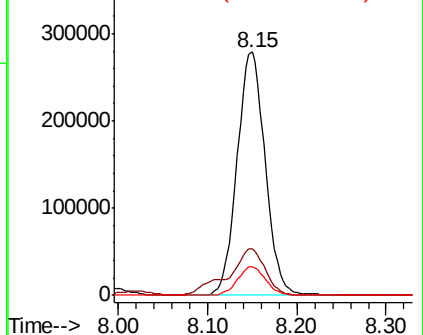
Isopropyl Acetate  
 Concen: 53.449 ug/l  
 RT: 8.15 min Scan# 1983  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion   | 43    | Resp  | 608253 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 24.9  | 20.3  | 30.5   |
| 87        | 11.8  | 9.8   | 14.6   |



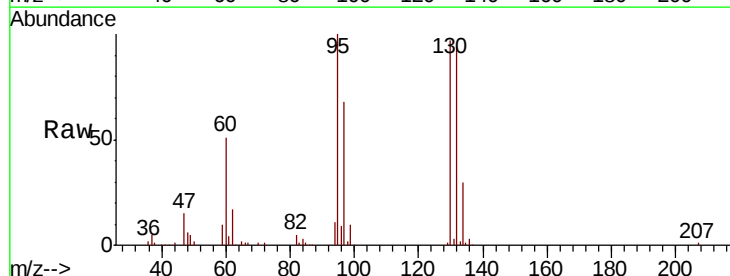
Abundance Ion 43.00 (42.70 to 43.70): VN0  
 Ion 61.00 (60.70 to 61.70): VN0  
 Ion 87.00 (86.70 to 87.70): VN0



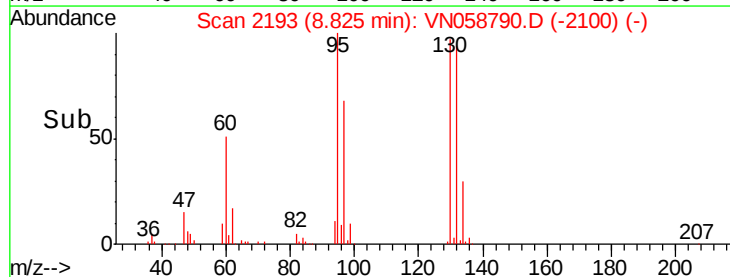
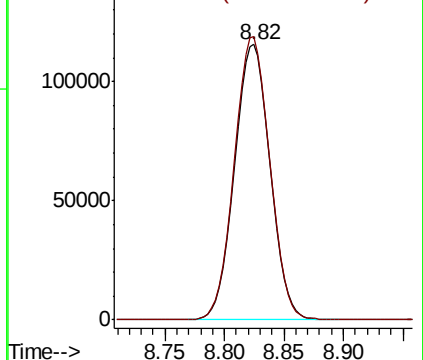
#44

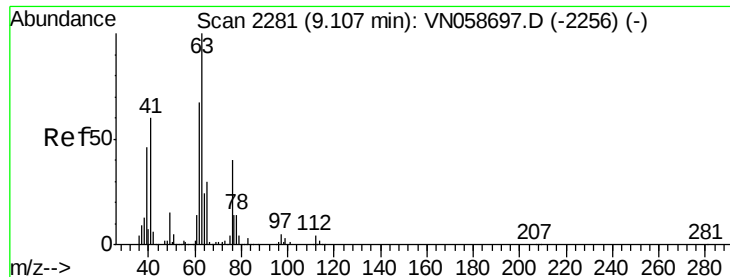
Trichloroethene  
 Concen: 50.911 ug/l  
 RT: 8.82 min Scan# 2193  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

| Tgt Ion   | 130   | Resp  | 239842 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 102.7 | 0.0   | 211.2  |



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





#45

1,2-Dichloropropane

Concen: 53.366 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

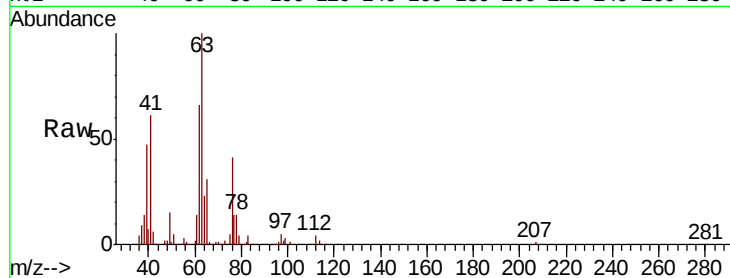
VSTDCCC050EC

Tot Ion: 63 Resp: 271014

Ion Ratio Lower Upper

63 100

65 31.2 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VN058790.D (-2188) (-)

Ion 64.90 (64.60 to 65.60): VN058790.D (-2188) (-)

9.11

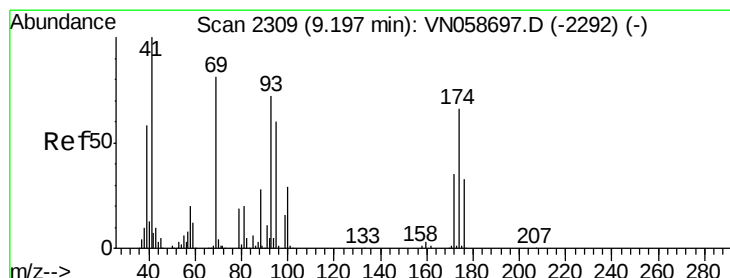
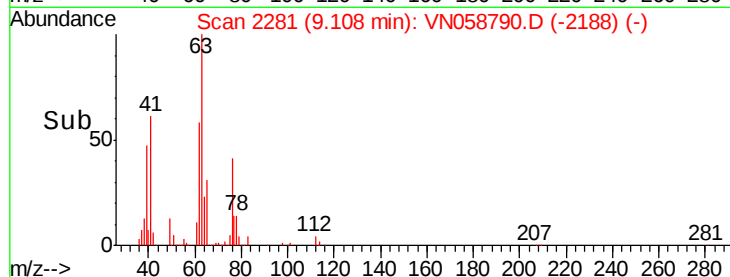
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 52.823 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

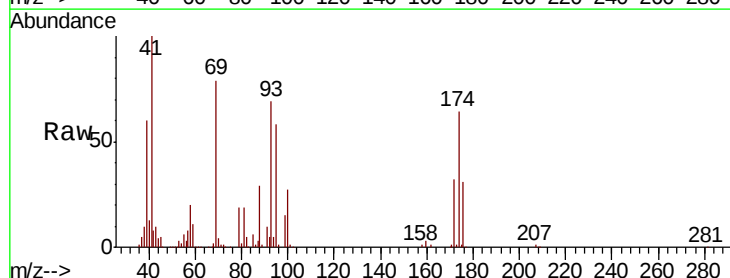
Tgt Ion: 93 Resp: 170077

Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

174 93.1 75.2 112.8



Abundance Ion 92.80 (92.50 to 93.50): VN058790.D (-2216) (-)

Ion 94.80 (94.50 to 95.50): VN058790.D (-2216) (-)

Ion 173.70 (173.40 to 174.40): VN058790.D (-2216) (-)

9.20

100000

80000

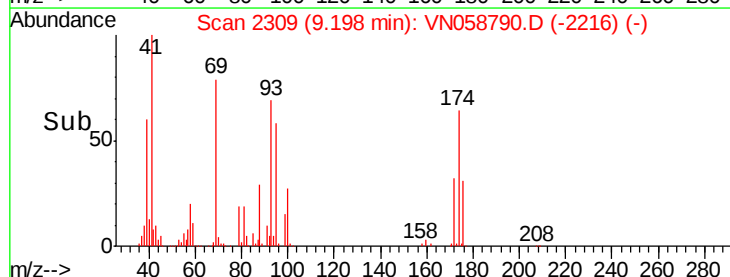
60000

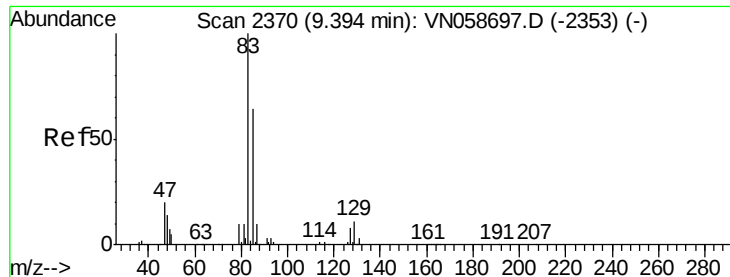
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 53.821 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

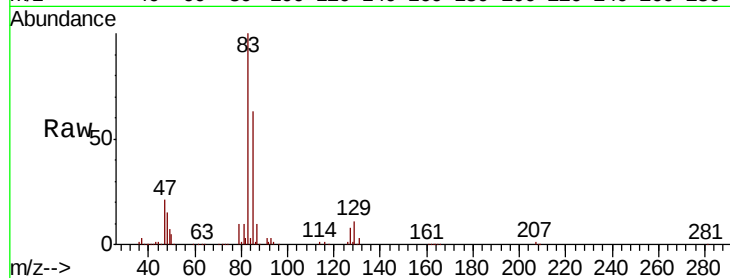
Tot Ion: 83 Resp: 352879

Ion Ratio Lower Upper

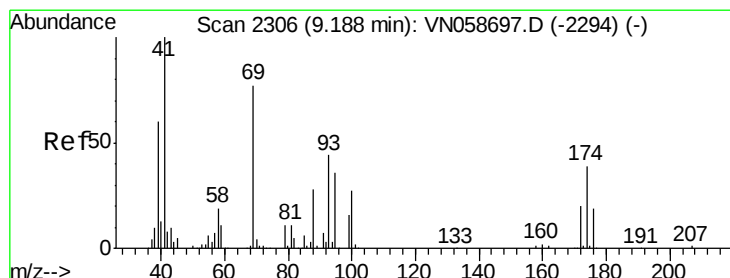
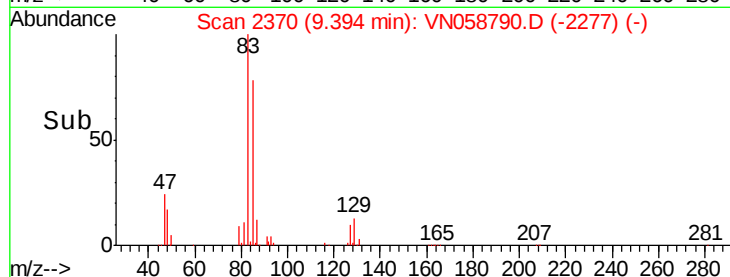
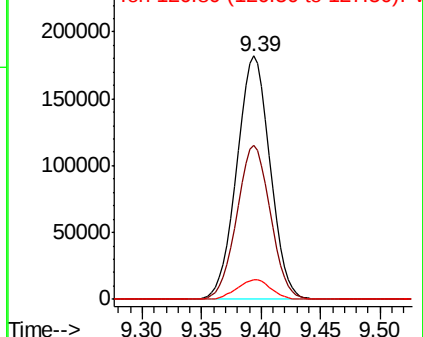
83 100

85 63.5 50.9 76.3

127 8.1 6.3 9.5



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



#48

Methyl methacrylate

Concen: 55.183 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

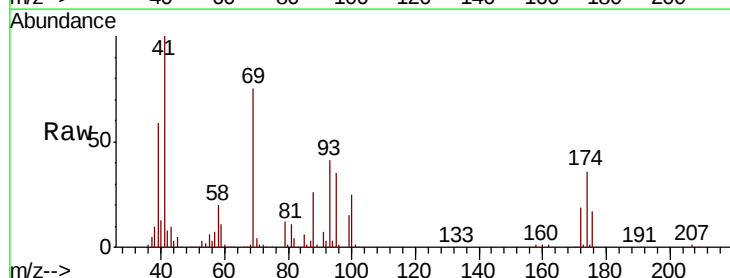
Tgt Ion: 41 Resp: 284663

Ion Ratio Lower Upper

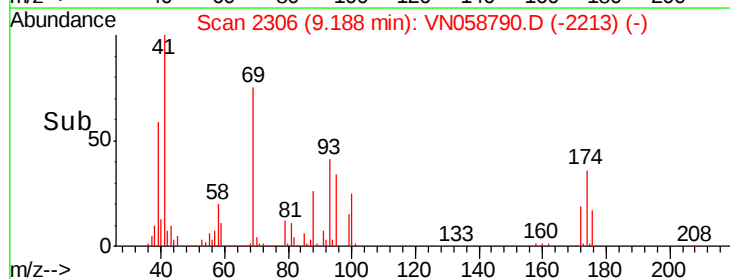
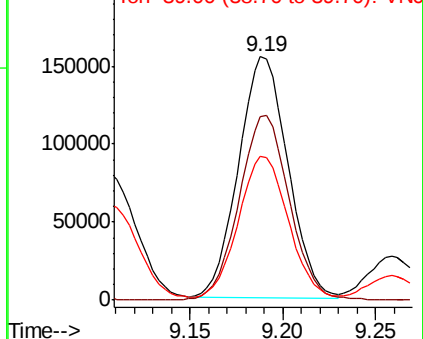
41 100

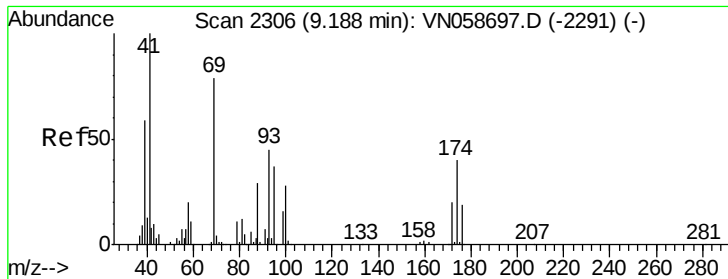
69 78.5 63.4 95.2

39 61.2 48.9 73.3



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





#49

1,4-Dioxane

Concen: 1058.504 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

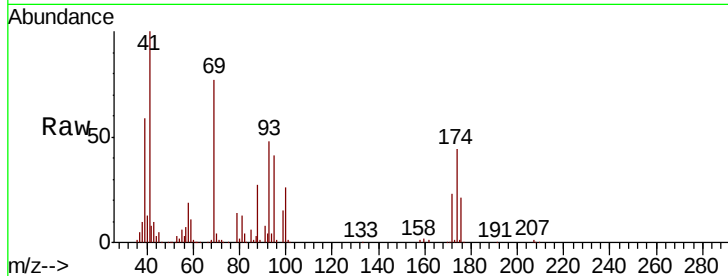
Tot Ion: 88 Resp: 84473

Ion Ratio Lower Upper

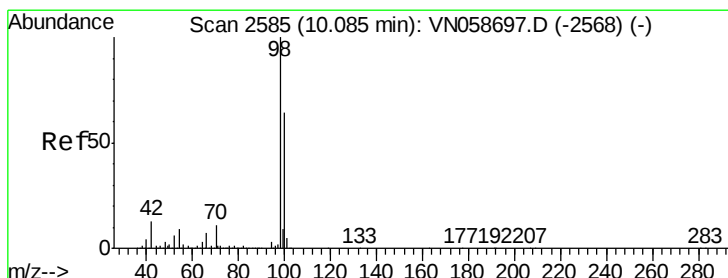
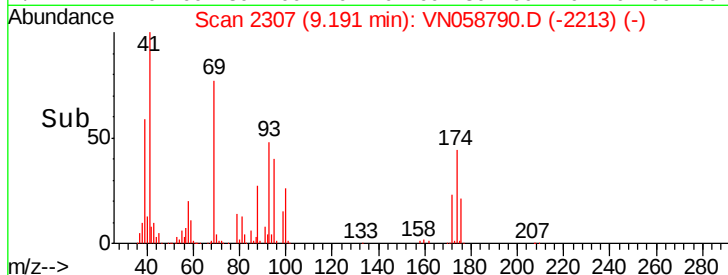
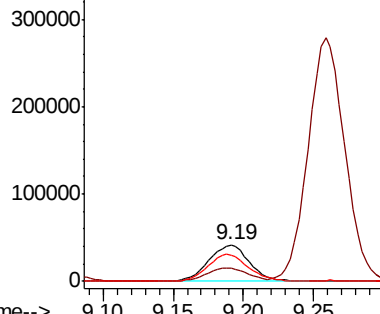
88 100

43 36.0 28.6 43.0

58 74.3 57.2 85.8



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: 50.769 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058790.D

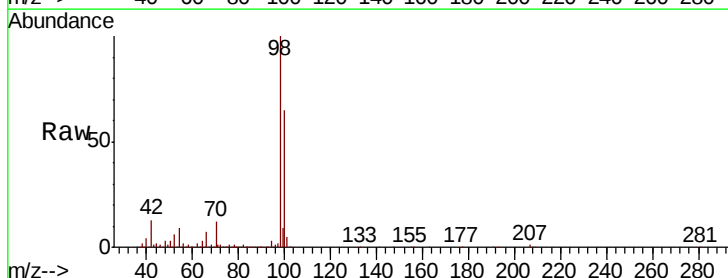
Acq: 15 Oct 2019 18:06

Tgt Ion: 98 Resp: 819247

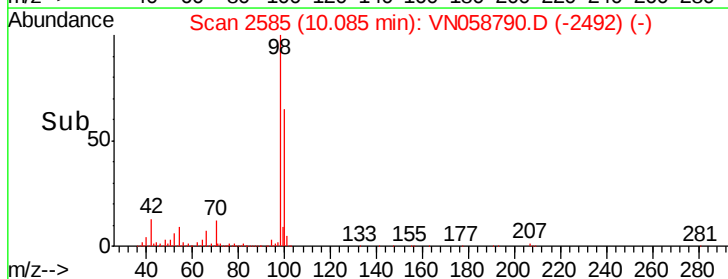
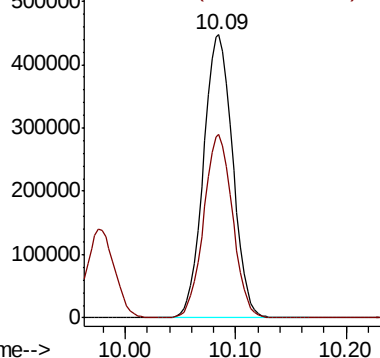
Ion Ratio Lower Upper

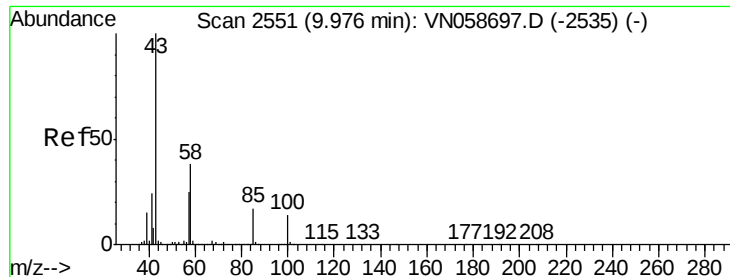
98 100

100 63.9 51.1 76.7



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: 297.429 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

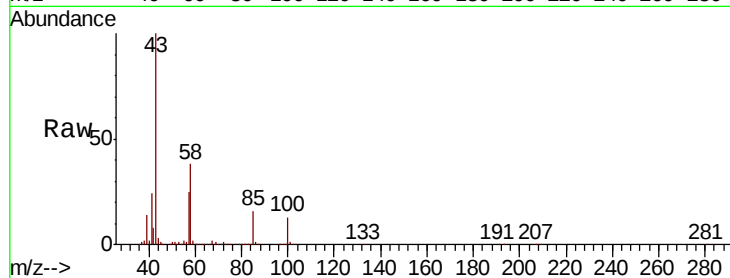
VSTDCCC050EC

Tot Ion: 43 Resp: 1900920

Ion Ratio Lower Upper

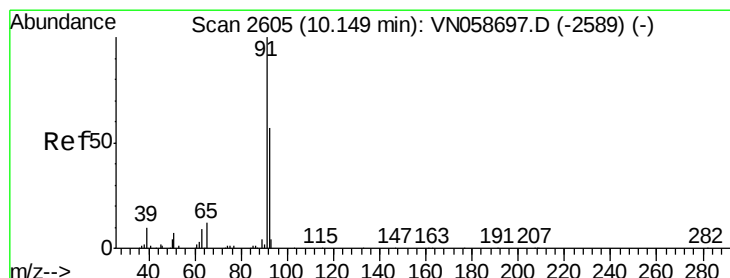
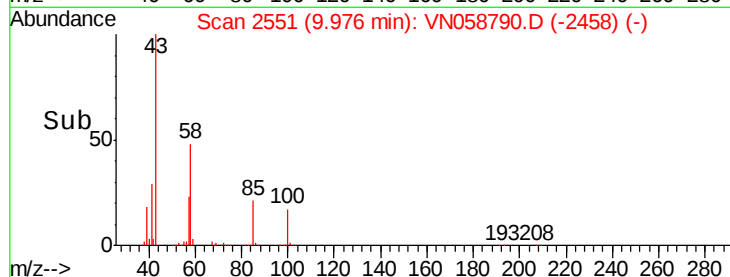
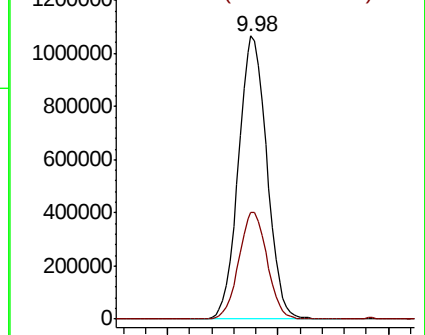
43 100

58 37.6 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.776 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058790.D

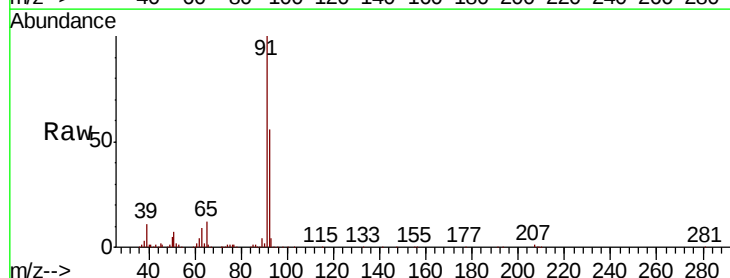
Acq: 15 Oct 2019 18:06

Tgt Ion: 92 Resp: 600741

Ion Ratio Lower Upper

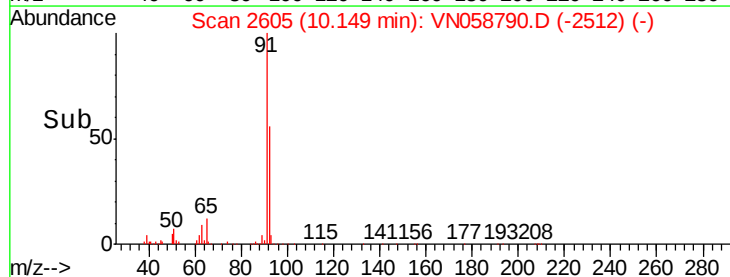
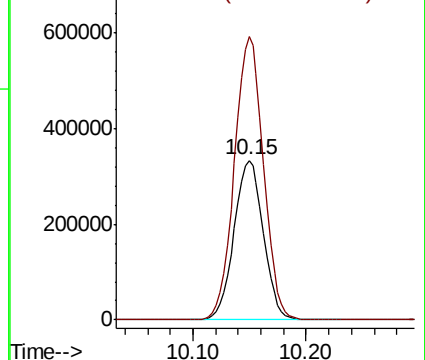
92 100

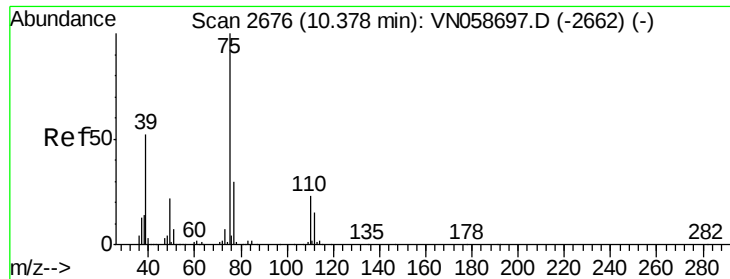
91 176.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 53.161 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

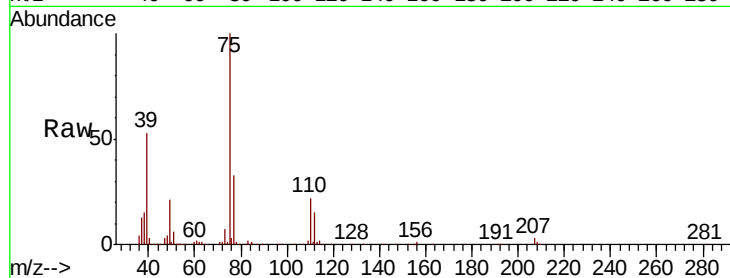
VSTDCCC050EC

Tot Ion: 75 Resp: 399767

Ion Ratio Lower Upper

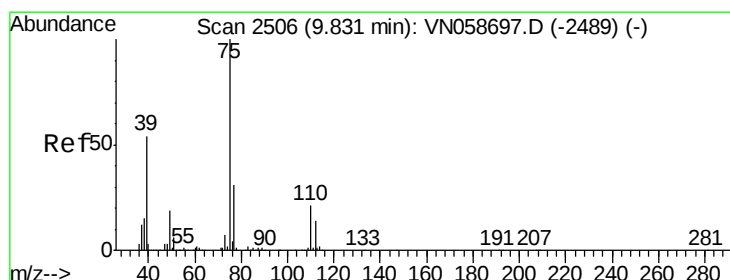
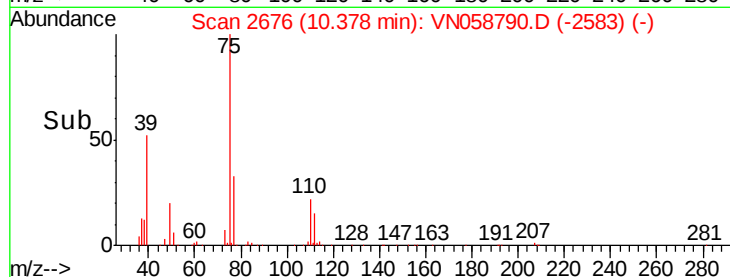
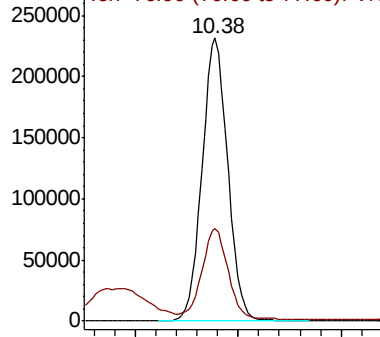
75 100

77 32.3 26.2 39.4



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: 53.129 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

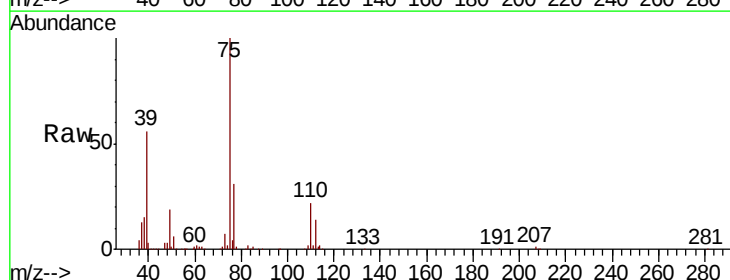
Tgt Ion: 75 Resp: 424200

Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6

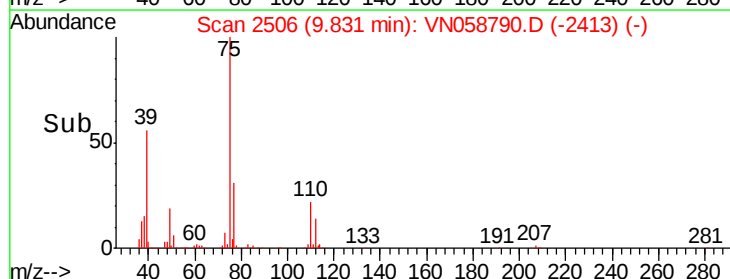
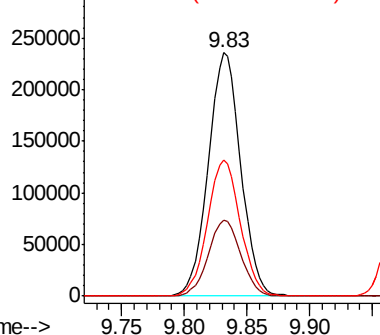
39 56.0 43.1 64.7

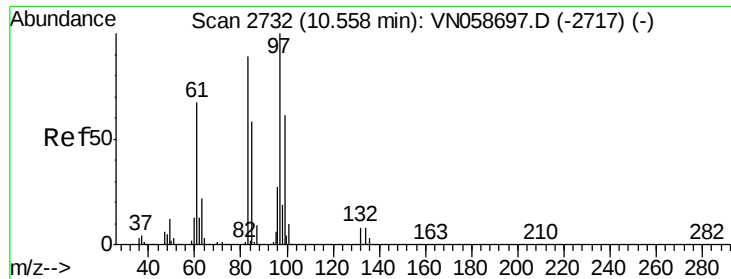


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

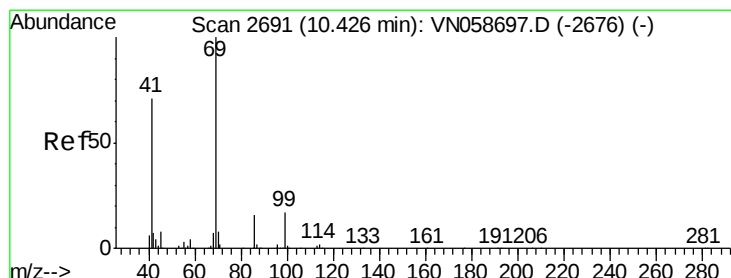
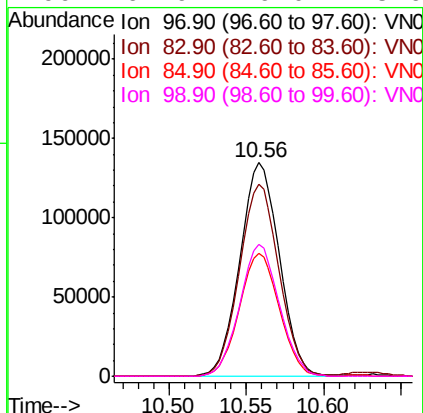
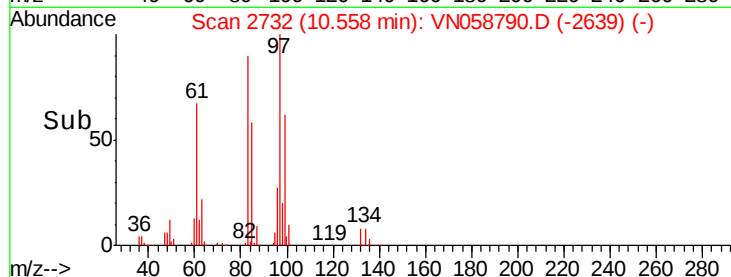
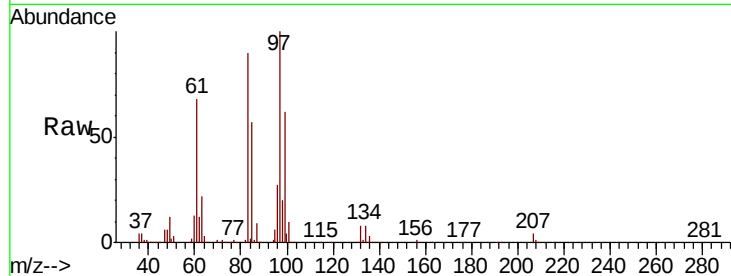




#55  
 1,1,2-Trichloroethane  
 Concen: 50.308 ug/l  
 RT: 10.56 min Scan# 2732  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

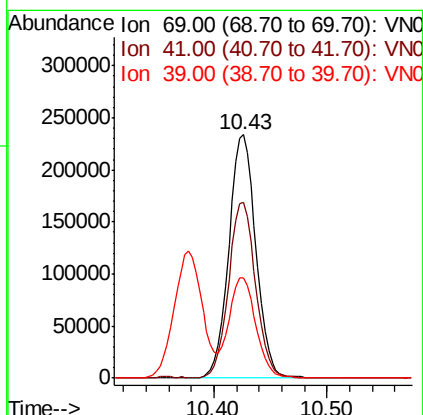
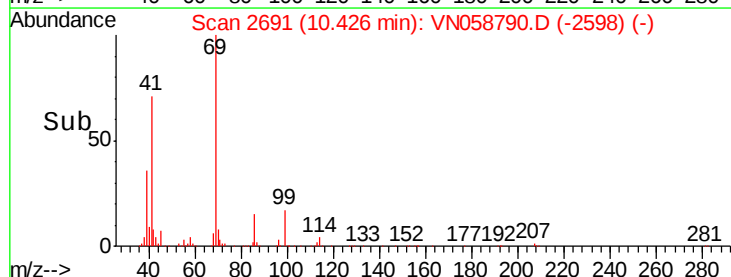
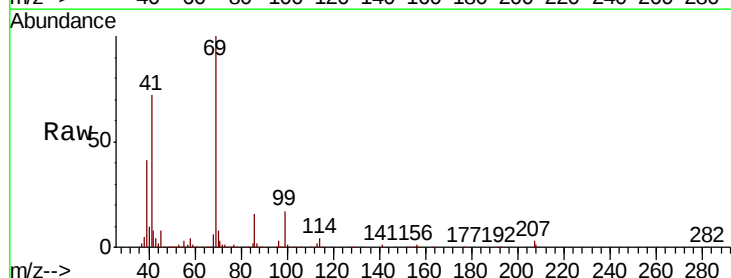
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

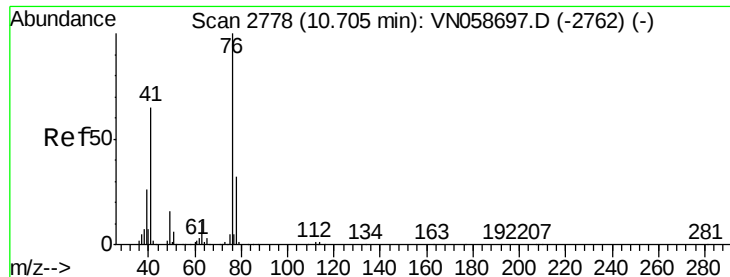
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 89.9  | 71.2  | 106.8 |
| 85      | 57.5  | 46.7  | 70.1  |
| 99      | 61.9  | 49.0  | 73.6  |



#56  
 Ethyl methacrylate  
 Concen: 55.986 ug/l  
 RT: 10.43 min Scan# 2691  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 71.6  | 56.8  | 85.2  |
| 39      | 40.4  | 32.5  | 48.7  |





#57

1,3-Dichloropropane

Concen: 52.782 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

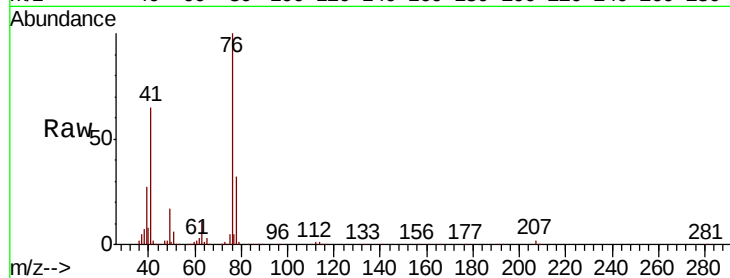
VSTDCCC050EC

Tot Ion: 76 Resp: 427136

Ion Ratio Lower Upper

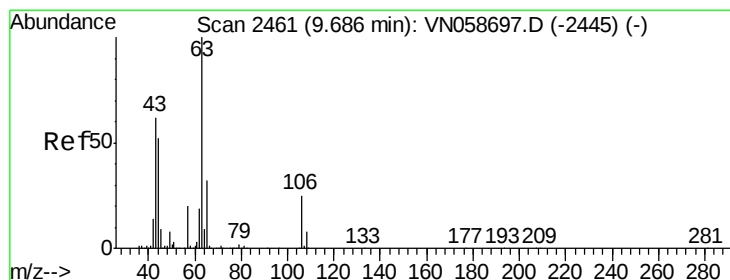
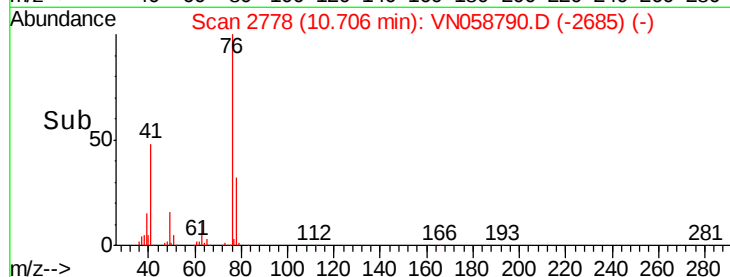
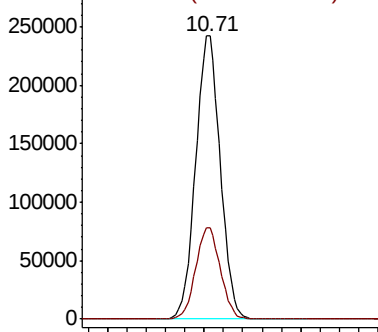
76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 275.402 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN058790.D

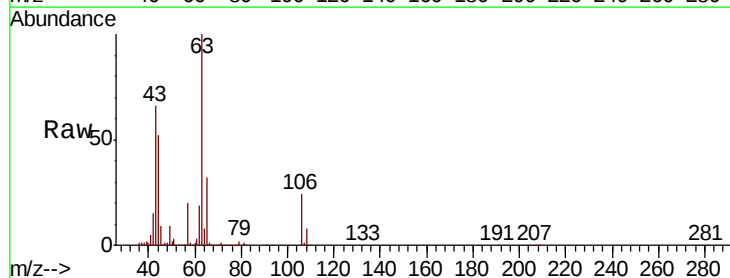
Acq: 15 Oct 2019 18:06

Tgt Ion: 63 Resp: 920803

Ion Ratio Lower Upper

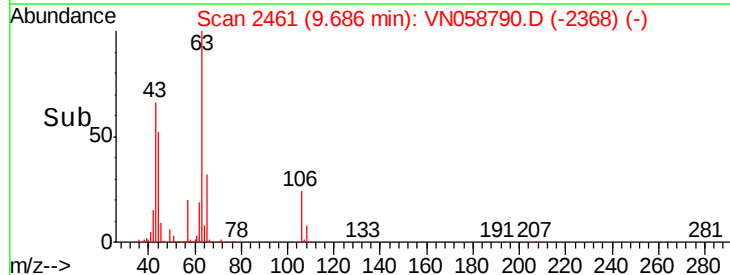
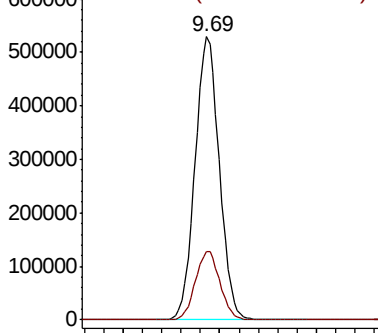
63 100

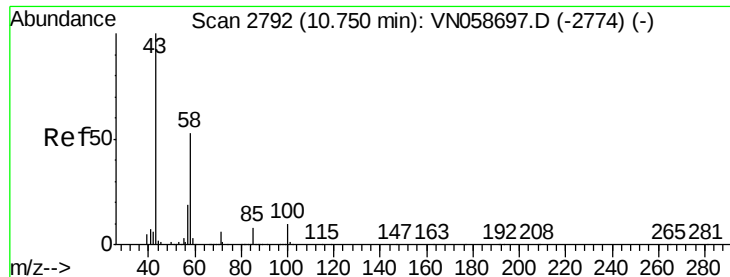
106 24.5 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

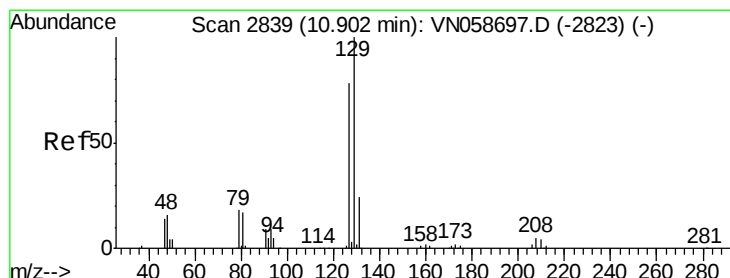
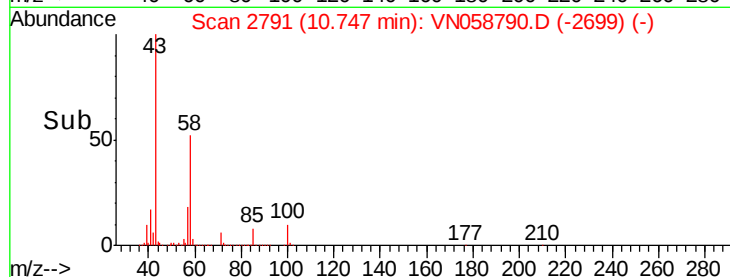
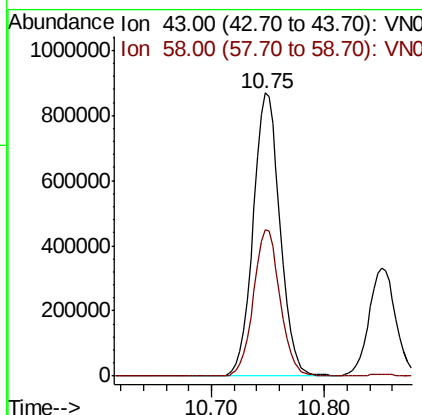
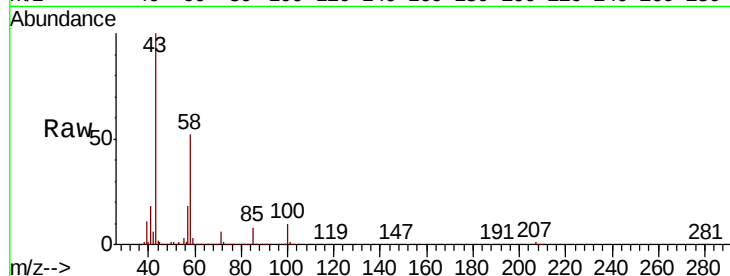




#59  
2-Hexanone  
Concen: 289.389 ug/l  
RT: 10.75 min Scan# 2791  
Delta R.T. -0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

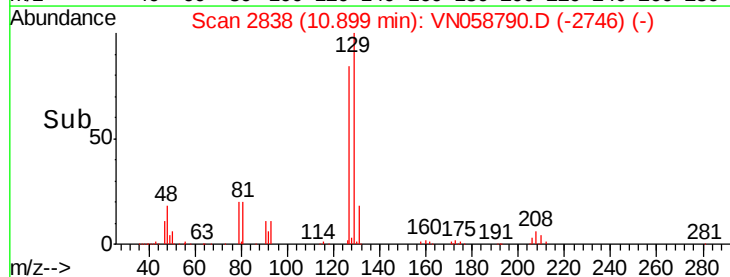
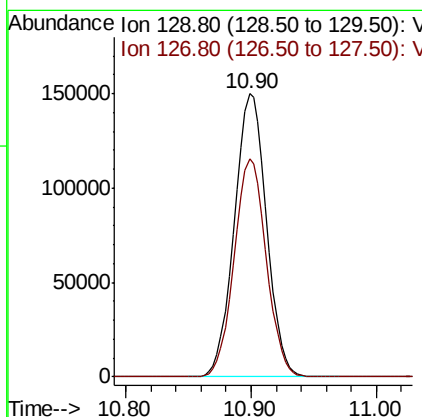
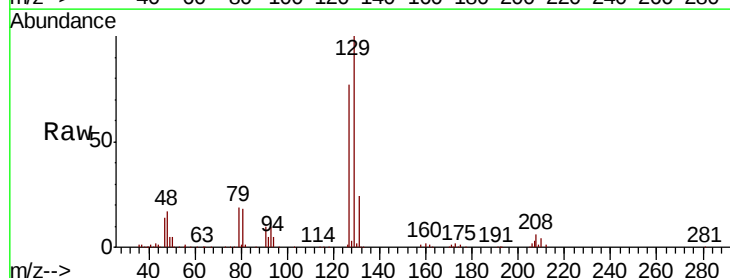
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1429328  
Ion Ratio Lower Upper  
43 100  
58 51.4 26.1 78.3



#60  
Dibromochloromethane  
Concen: 54.560 ug/l  
RT: 10.90 min Scan# 2838  
Delta R.T. -0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Tgt Ion: 129 Resp: 267281  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.5 115.3

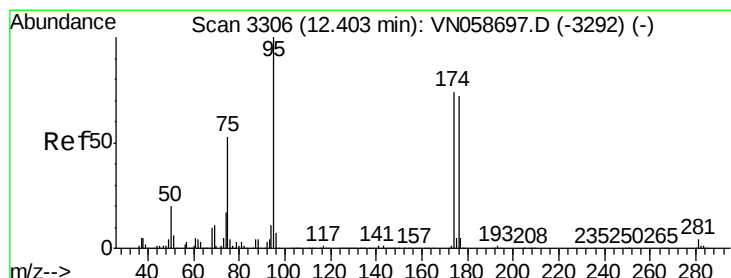
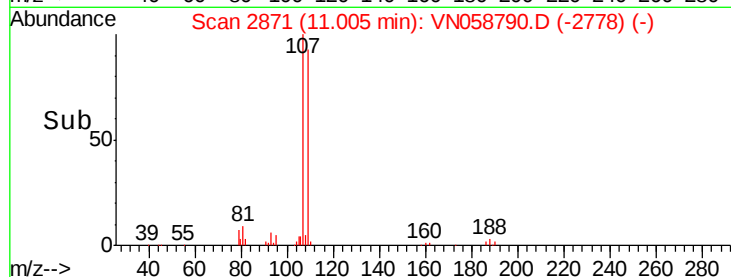
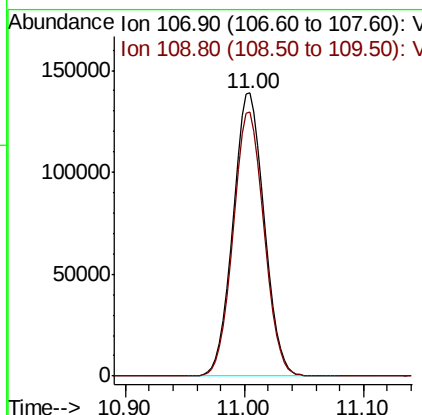
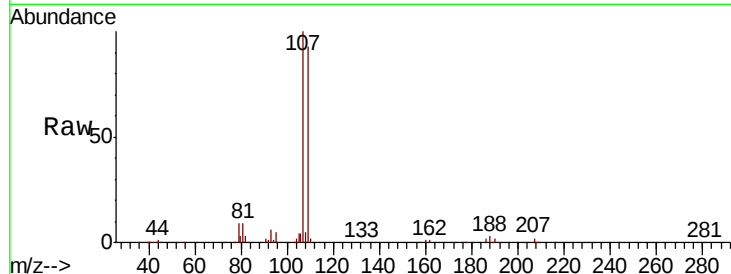




#61  
 1,2-Dibromoethane  
 Concen: 53.037 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

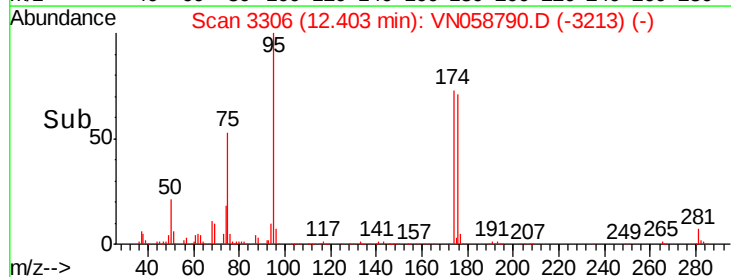
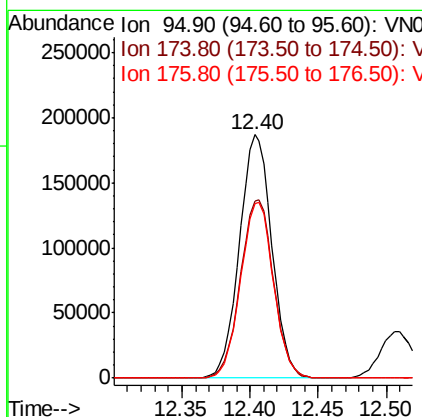
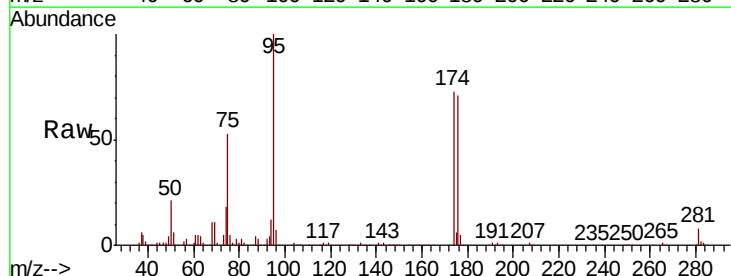
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 107 Resp: 252329  
 Ion Ratio Lower Upper  
 107 100  
 109 92.5 75.4 113.0



#62  
 4-Bromofluorobenzene  
 Concen: 50.510 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

Tgt Ion: 95 Resp: 308523  
 Ion Ratio Lower Upper  
 95 100  
 174 75.0 0.0 150.4  
 176 73.1 0.0 146.8

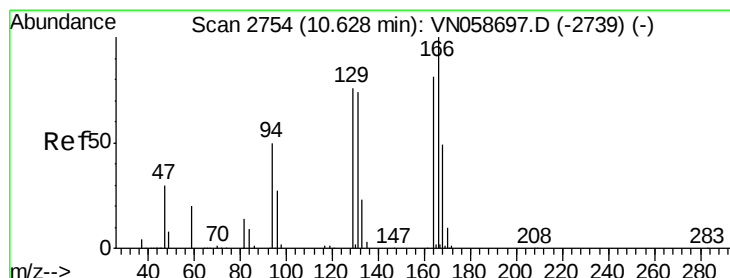
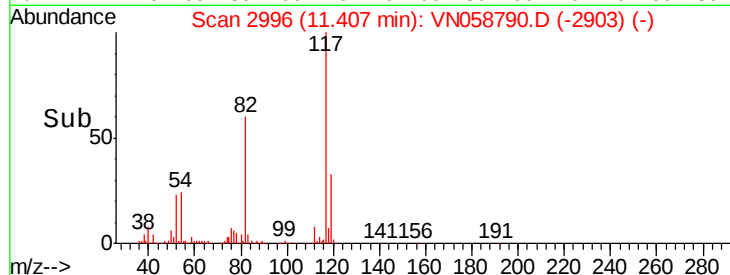
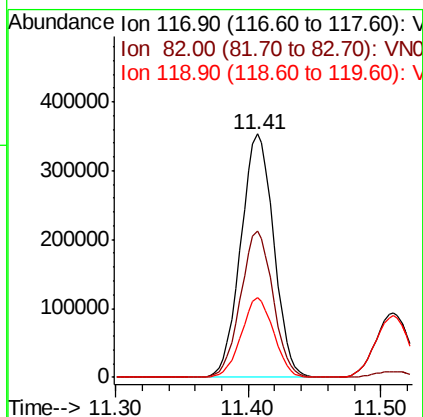
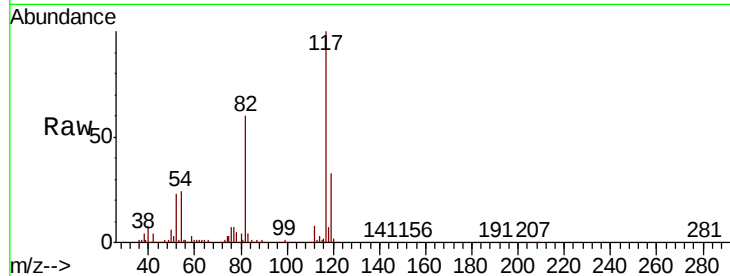




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

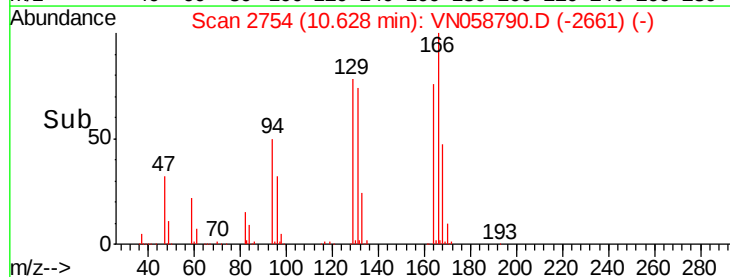
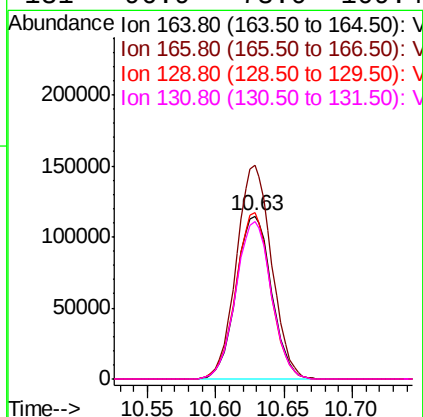
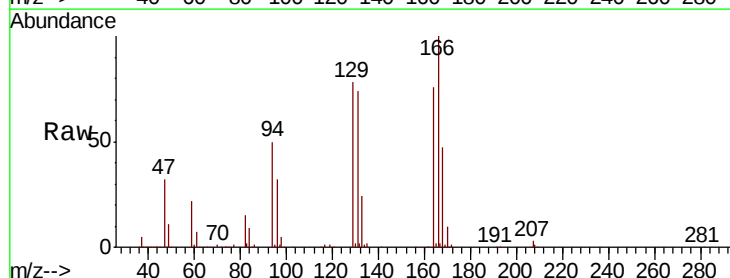
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:117 Resp: 610125  
Ion Ratio Lower Upper  
117 100  
82 60.2 47.0 70.4  
119 32.7 25.4 38.2



#64  
Tetrachloroethene  
Concen: 48.460 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Tgt Ion:164 Resp: 206918  
Ion Ratio Lower Upper  
164 100  
166 130.9 99.3 148.9  
129 101.8 75.2 112.8  
131 96.9 73.0 109.4

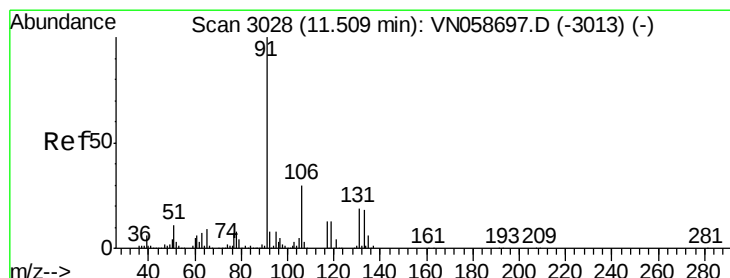
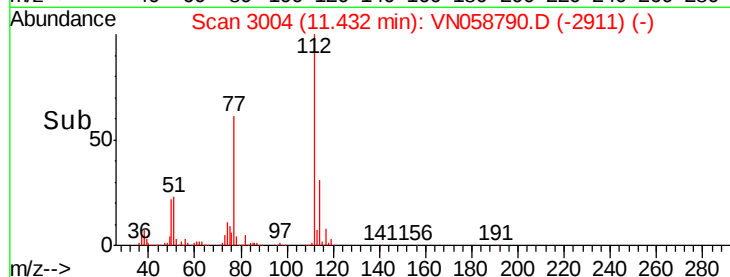
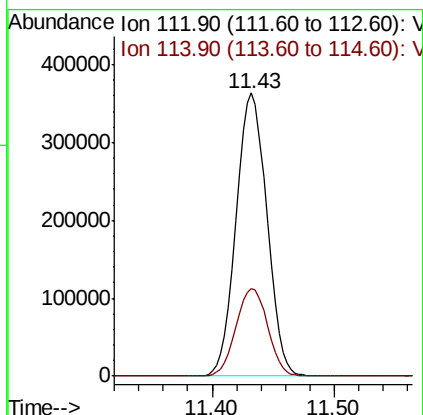
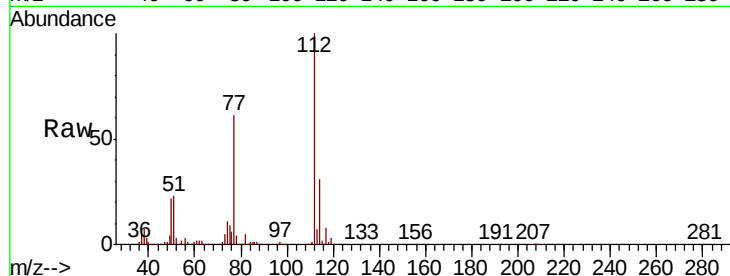




#65  
Chlorobenzene  
Concen: 51.198 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

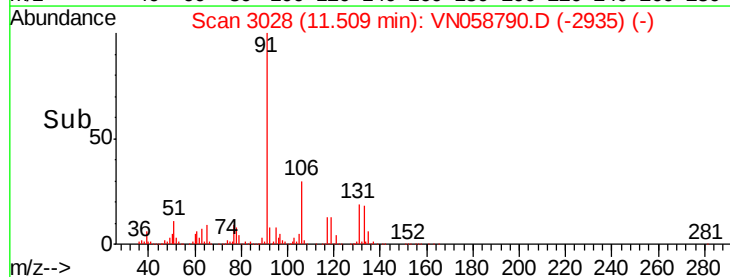
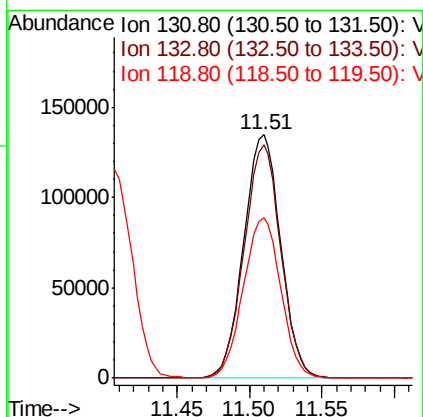
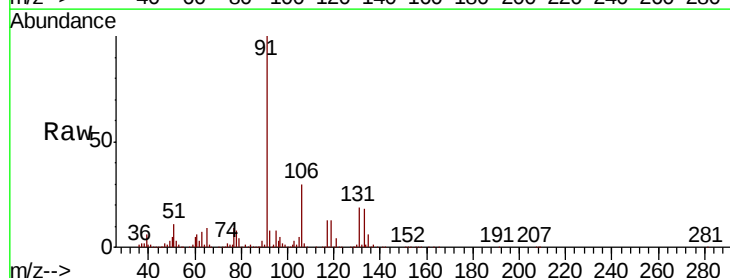
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:112 Resp: 634363  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.201 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Tgt Ion:131 Resp: 239166  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.6 142.9  
119 66.8 33.0 98.9





#67

Ethyl Benzene

Concen: 53.853 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

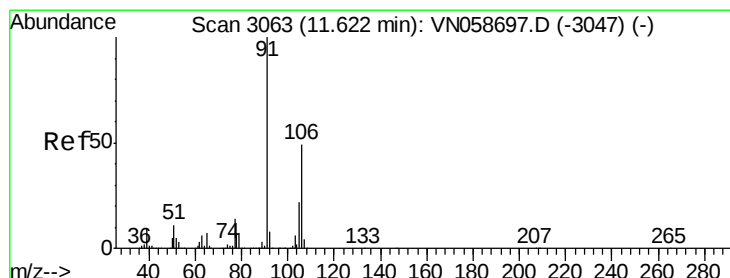
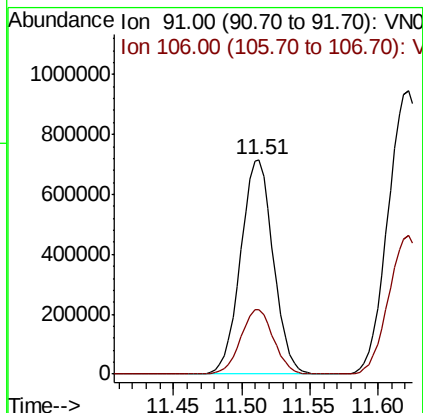
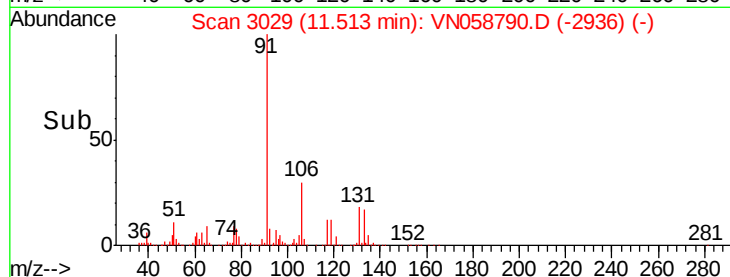
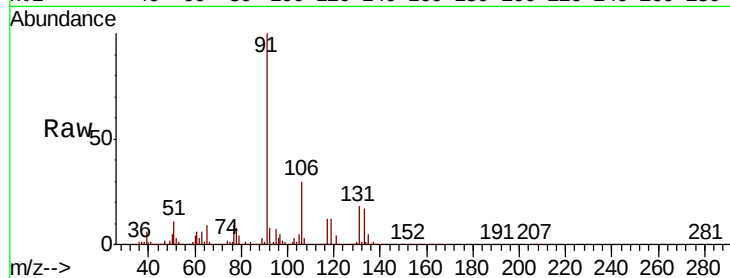
VSTDCCC050EC

Tot Ion: 91 Resp: 1189423

Ion Ratio Lower Upper

91 100

106 30.2 24.1 36.1



#68

m/p-Xylenes

Concen: 106.119 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN058790.D

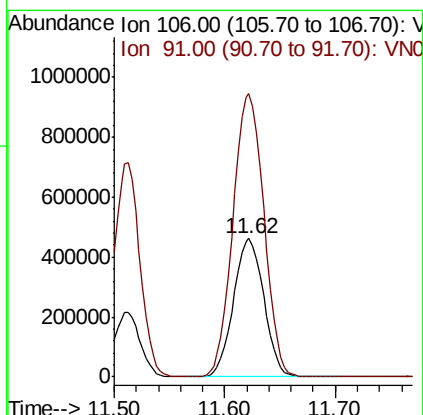
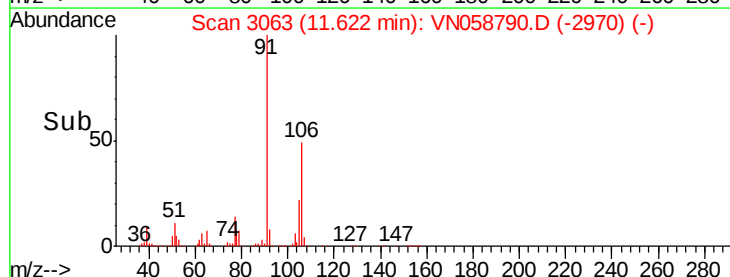
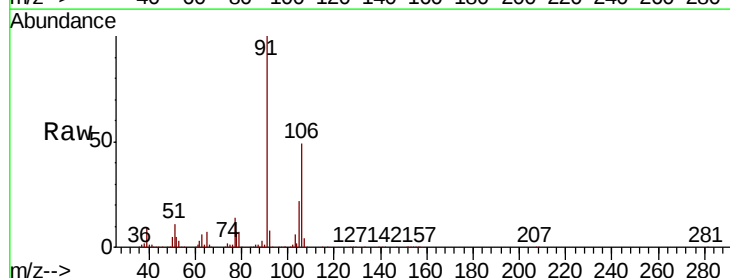
Acq: 15 Oct 2019 18:06

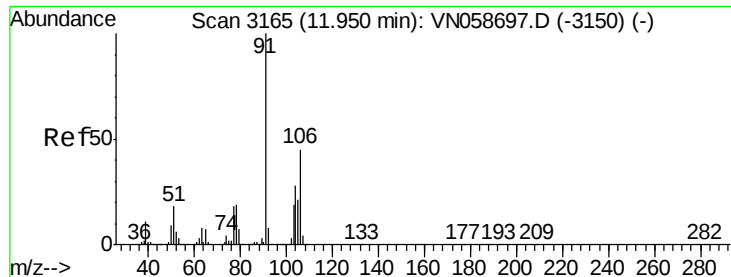
Tgt Ion: 106 Resp: 879575

Ion Ratio Lower Upper

106 100

91 209.1 165.7 248.5

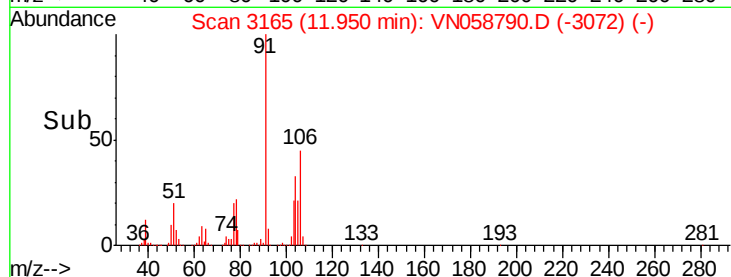
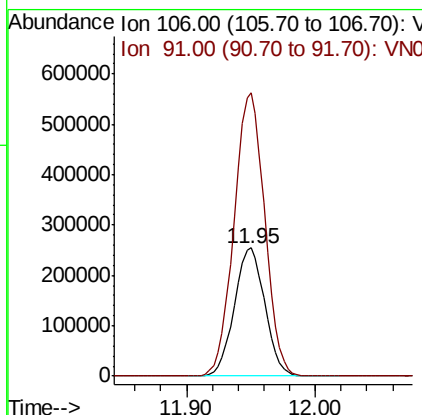
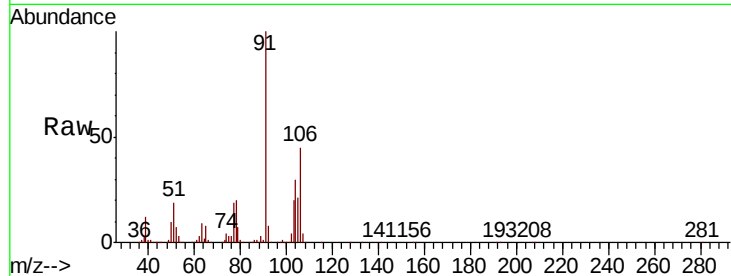




#69  
o-Xylene  
Concen: 52.180 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

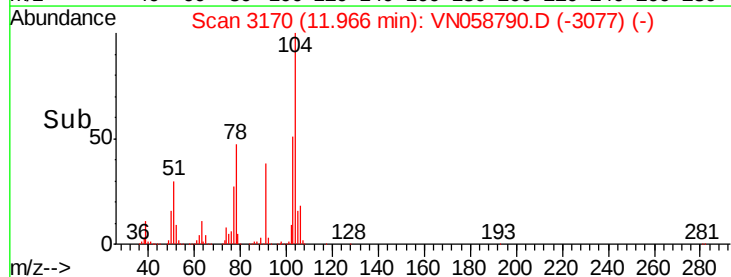
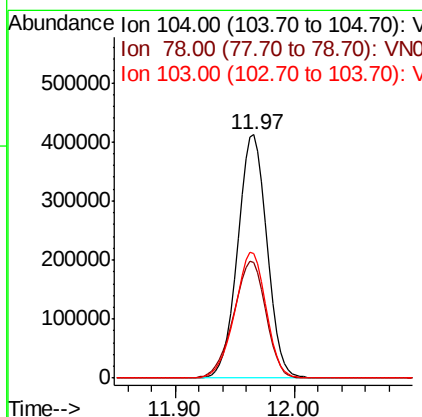
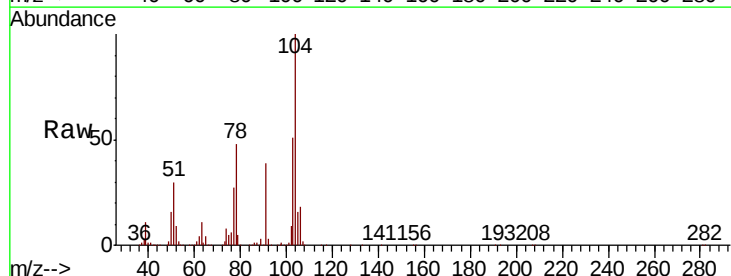
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

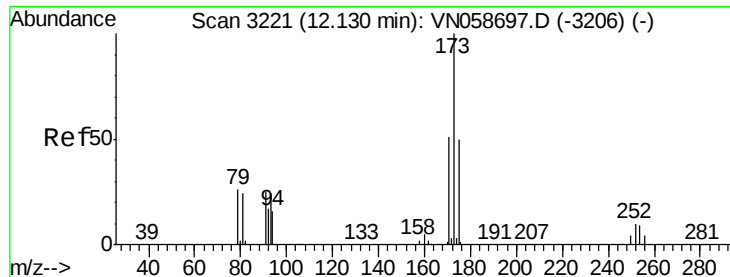
Tot Ion:106 Resp: 418448  
Ion Ratio Lower Upper  
106 100  
91 222.0 110.9 332.9



#70  
Styrene  
Concen: 53.525 ug/l  
RT: 11.97 min Scan# 3170  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Tgt Ion:104 Resp: 703515  
Ion Ratio Lower Upper  
104 100  
78 53.4 42.2 63.2  
103 55.4 43.7 65.5





#71

Bromoform

Concen: 55.062 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

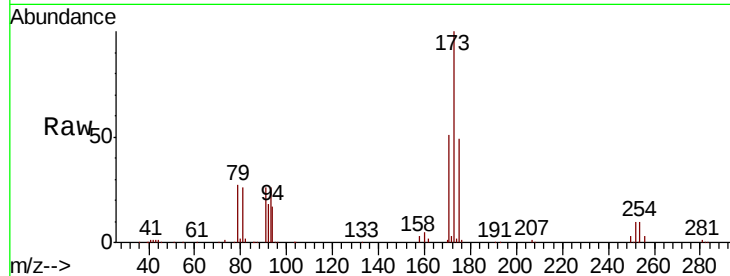
Tot Ion:173 Resp: 184913

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

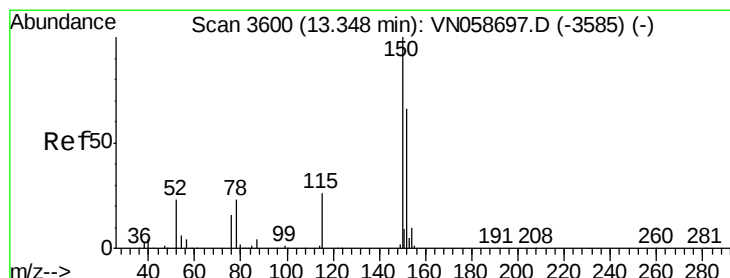
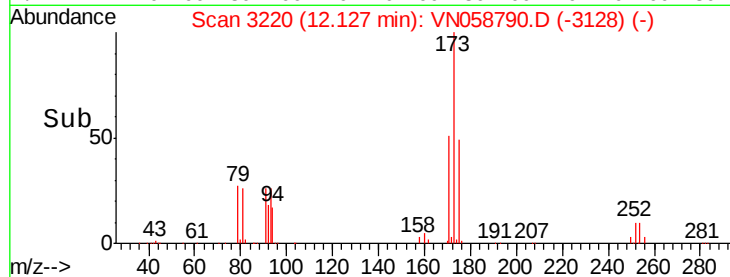
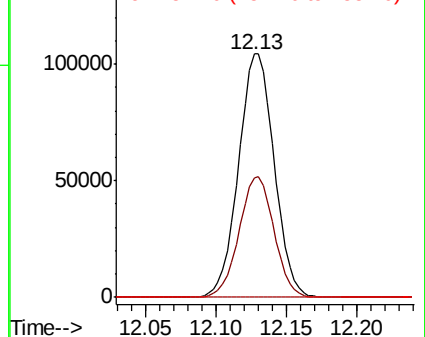
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

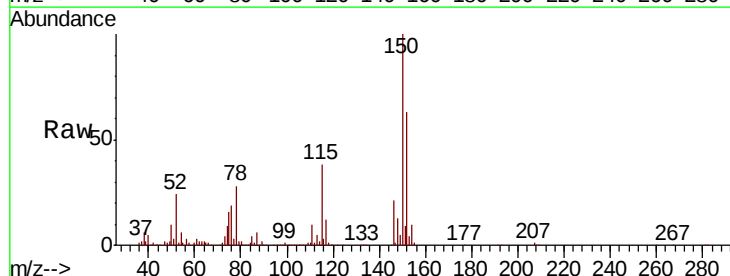
Tgt Ion:152 Resp: 302802

Ion Ratio Lower Upper

152 100

115 60.7 30.4 91.2

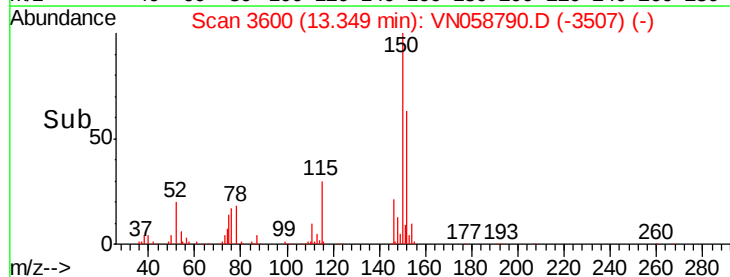
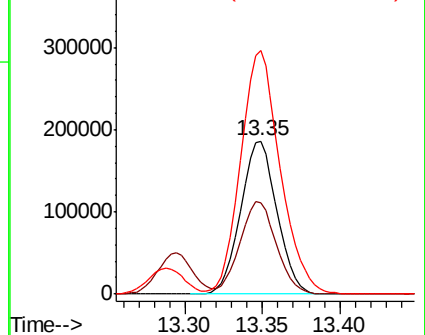
150 173.5 0.0 345.4

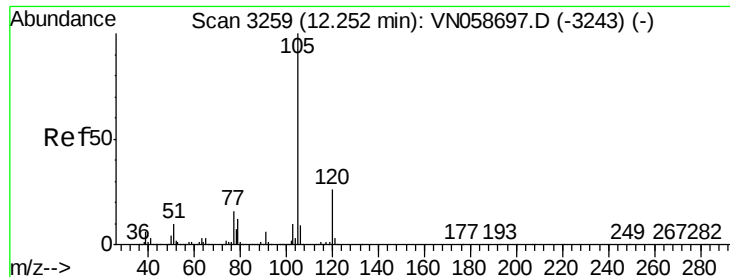


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.578 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

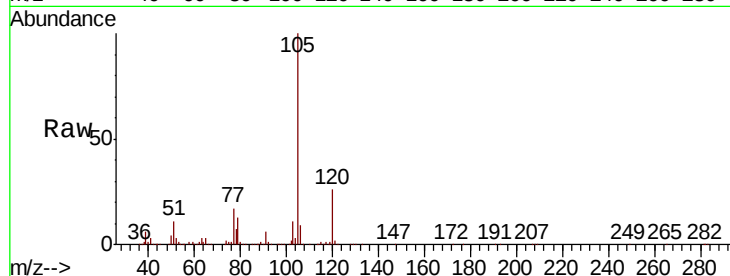
VSTDCCC050EC

Tot Ion:105 Resp: 1153009

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

800000

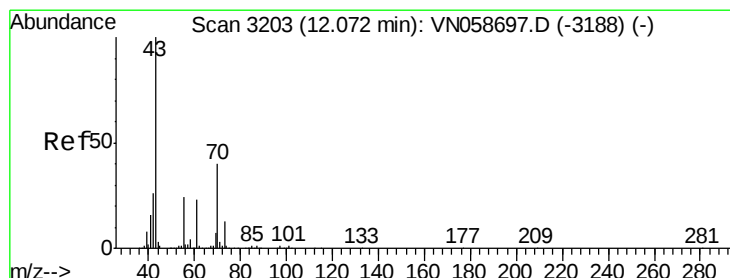
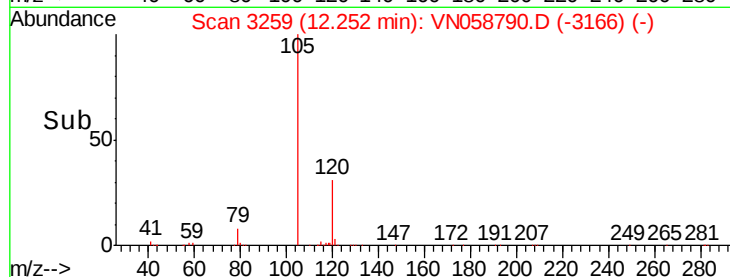
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 54.546 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Tgt Ion: 43 Resp: 537244

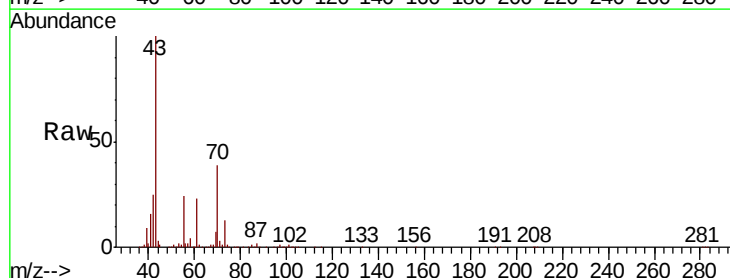
Ion Ratio Lower Upper

43 100

70 39.6 32.2 48.4

55 24.9 19.6 29.4

61 22.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

500000

400000

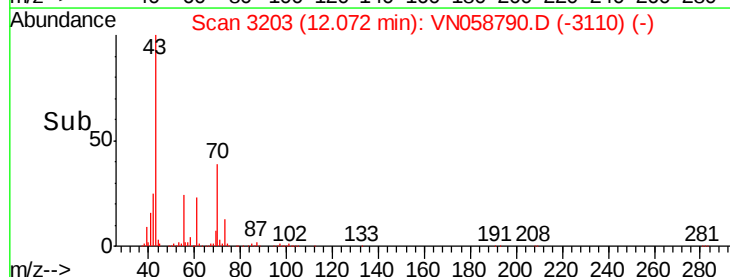
300000

200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.673 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

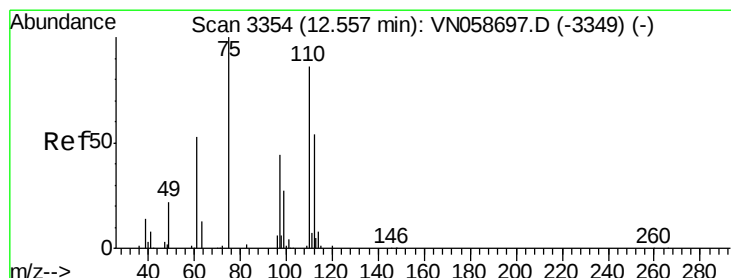
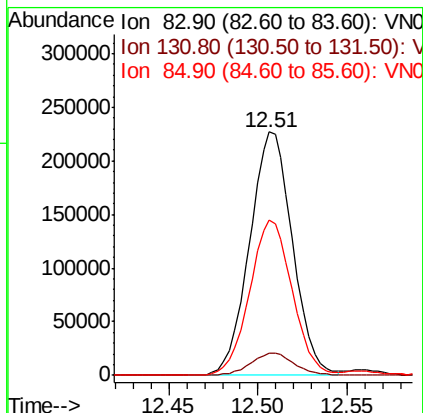
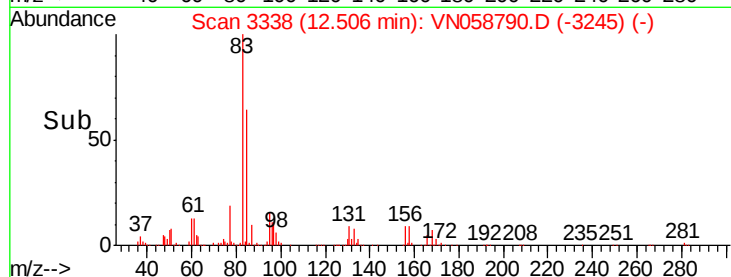
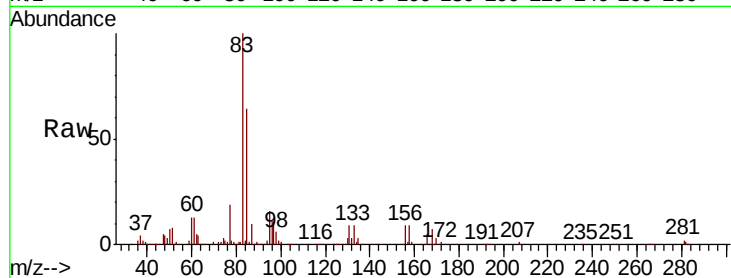
Tot Ion: 83 Resp: 380524

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

85 63.4 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 77.057 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058790.D

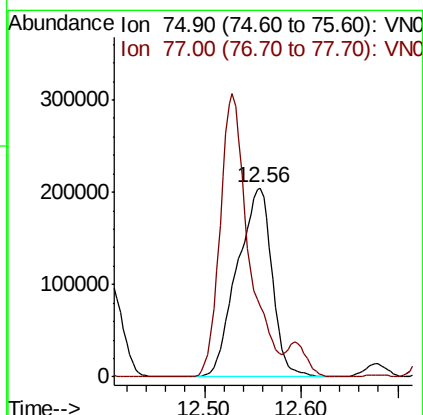
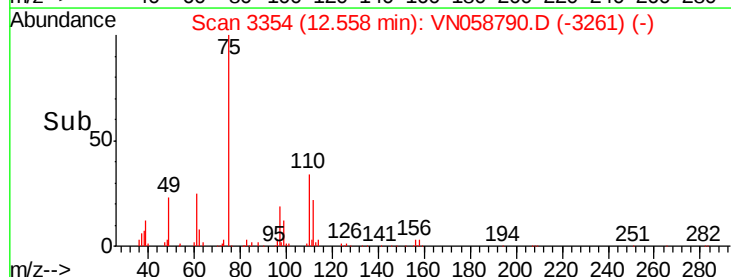
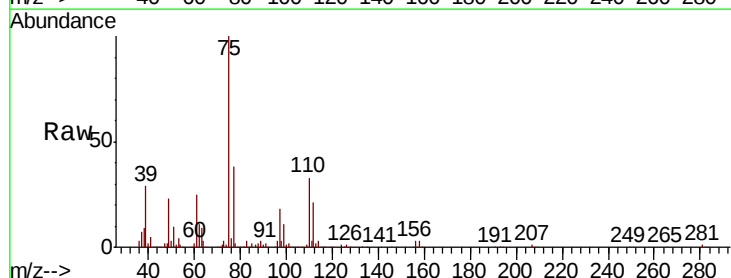
Acq: 15 Oct 2019 18:06

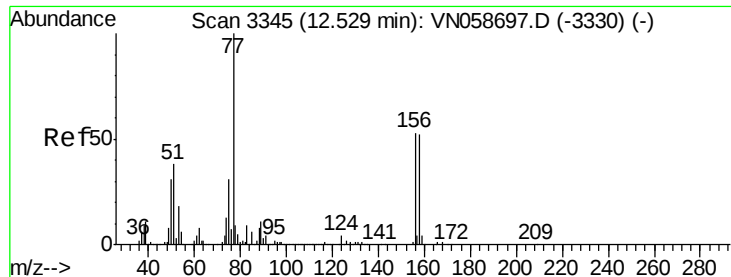
Tgt Ion: 75 Resp: 511870

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.476 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

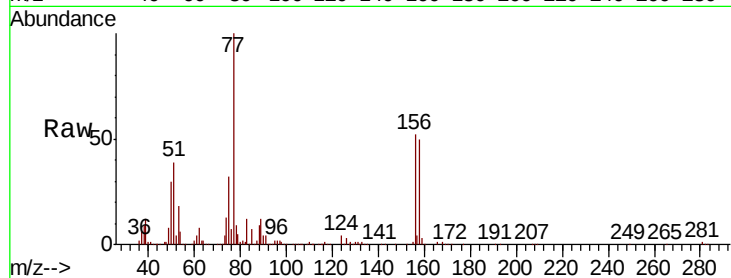
Tot Ion:156 Resp: 269241

Ion Ratio Lower Upper

156 100

77 233.9 115.8 347.3

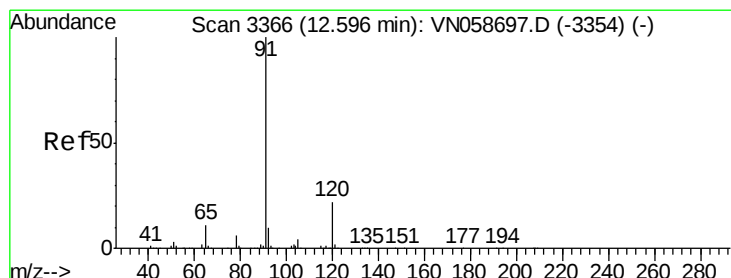
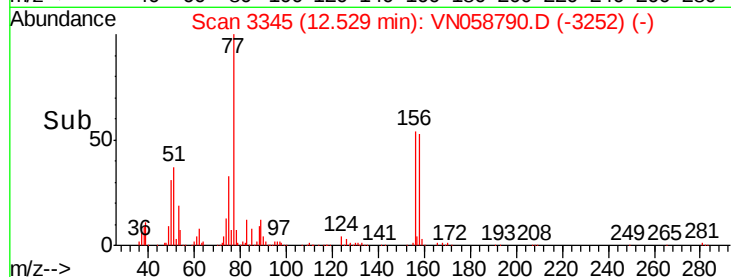
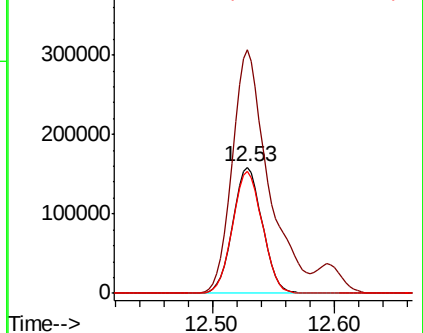
158 97.2 48.9 146.6



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: 53.870 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN058790.D

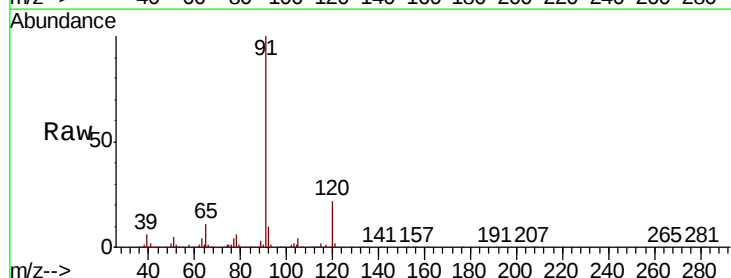
Acq: 15 Oct 2019 18:06

Tgt Ion: 91 Resp: 1376583

Ion Ratio Lower Upper

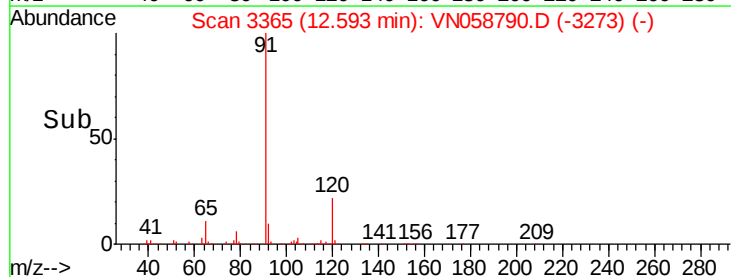
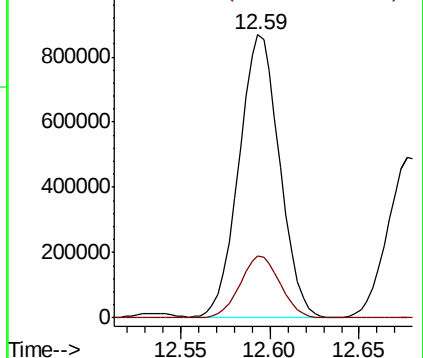
91 100

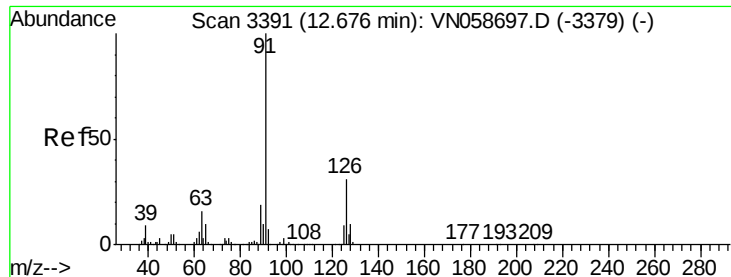
120 21.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

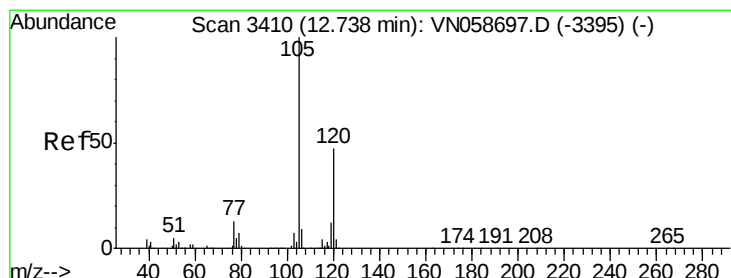
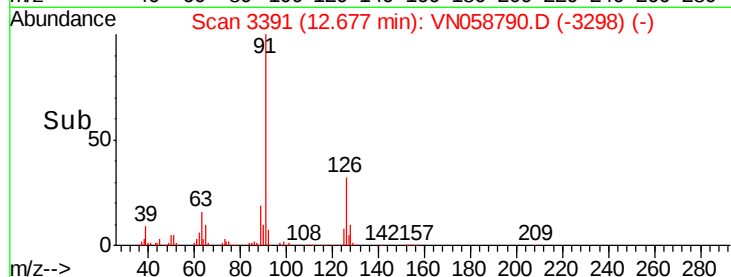
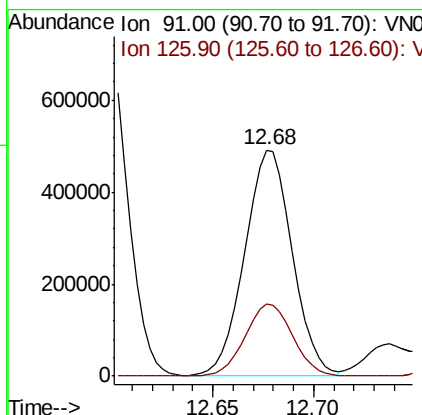
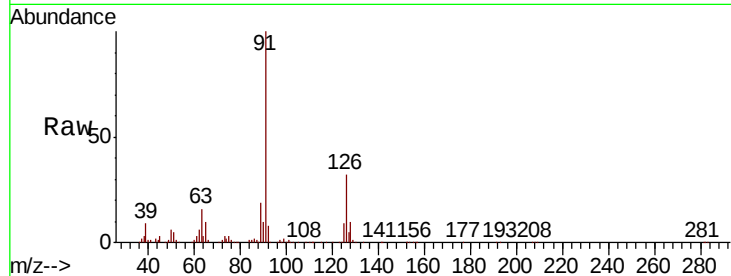




#79  
2-Chlorotoluene  
Concen: 50.920 ug/l  
RT: 12.68 min Scan# 3391  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

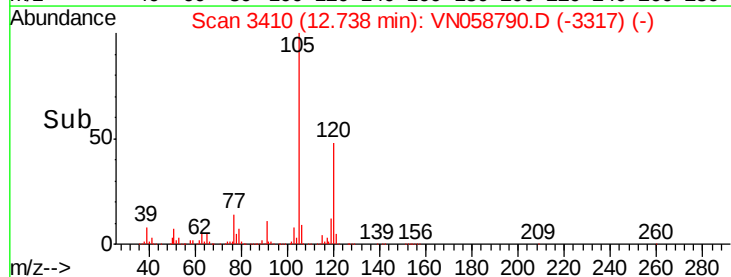
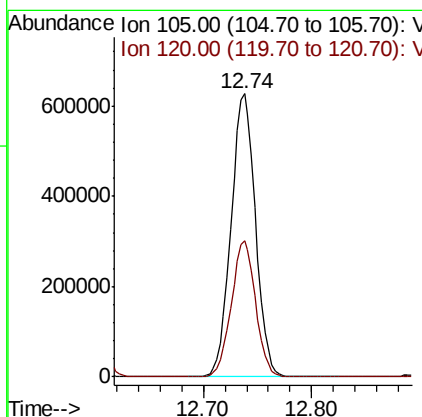
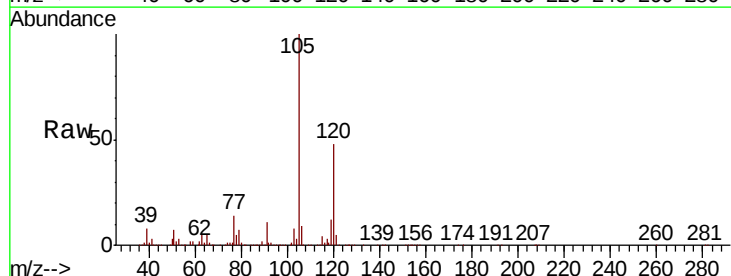
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

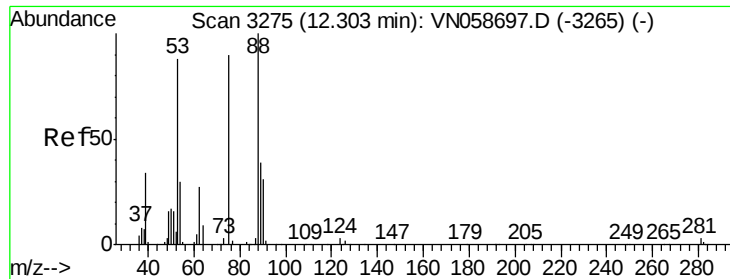
Tot Ion: 91 Resp: 807625  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.2 48.5



#80  
1,3,5-Trimethylbenzene  
Concen: 52.775 ug/l  
RT: 12.74 min Scan# 3410  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Tgt Ion: 105 Resp: 988062  
Ion Ratio Lower Upper  
105 100  
120 47.8 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 52.474 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

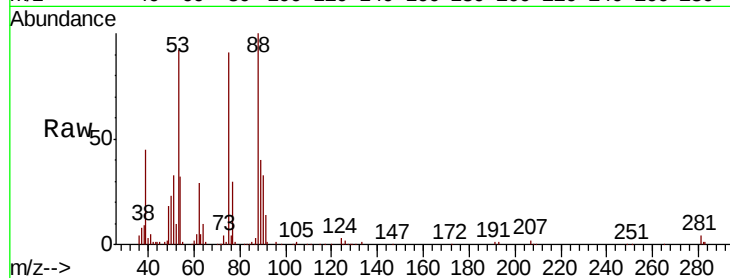
Tot Ion: 75 Resp: 130129

Ion Ratio Lower Upper

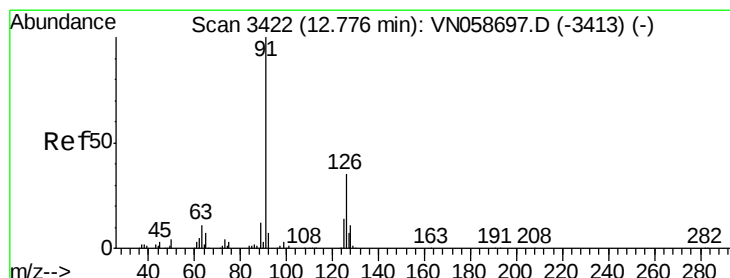
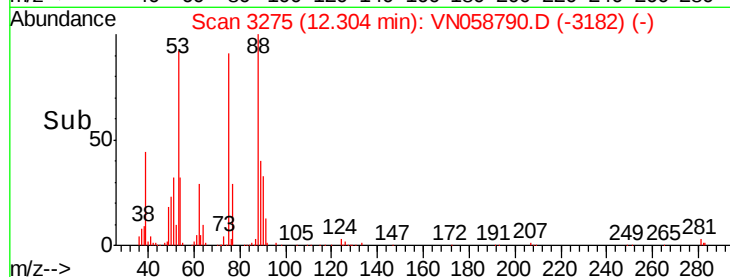
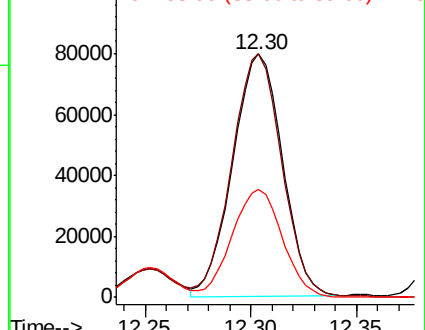
75 100

53 101.0 78.4 117.6

89 44.6 34.9 52.3



Abundance Ion 74.90 (74.60 to 75.60): VNO  
Ion 53.00 (52.70 to 53.70): VNO  
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 51.547 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN058790.D

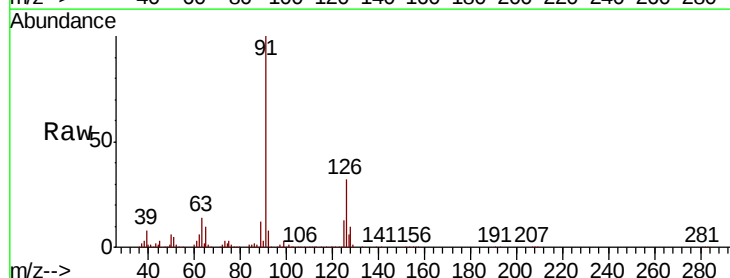
Acq: 15 Oct 2019 18:06

Tgt Ion: 91 Resp: 838945

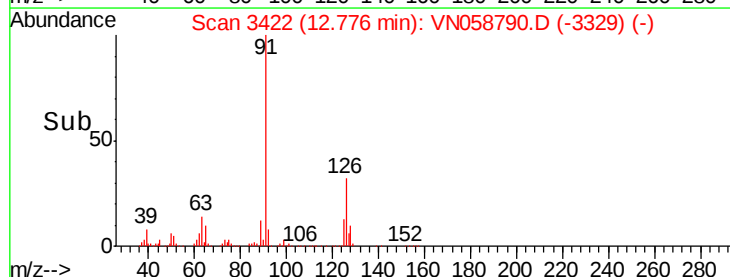
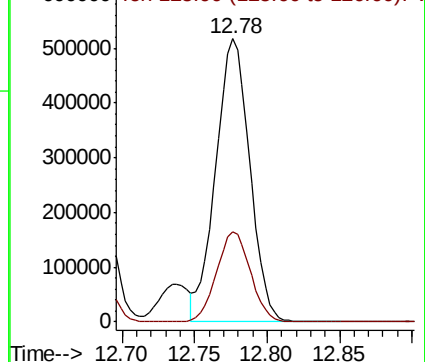
Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VNO  
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.433 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

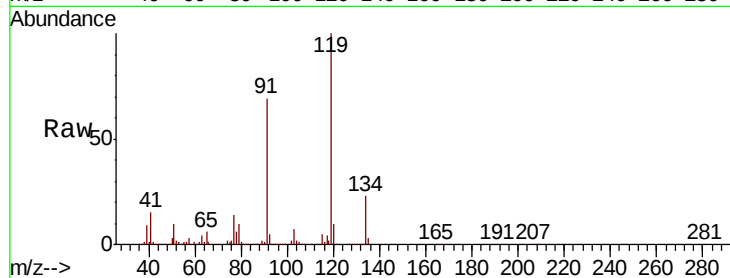
Tot Ion:119 Resp: 840969

Ion Ratio Lower Upper

119 100

91 67.3 33.8 101.3

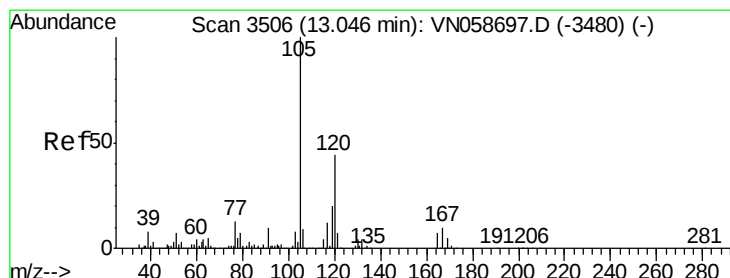
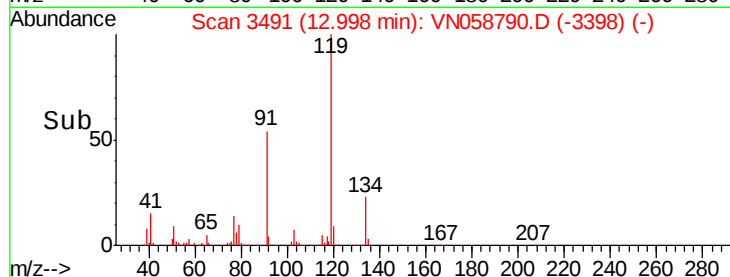
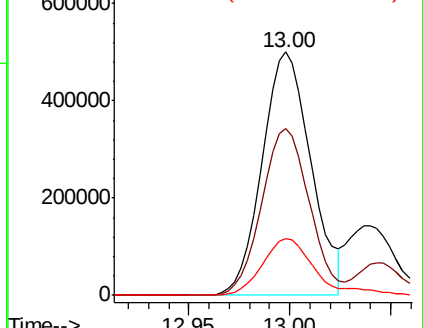
134 25.2 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.432 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN058790.D

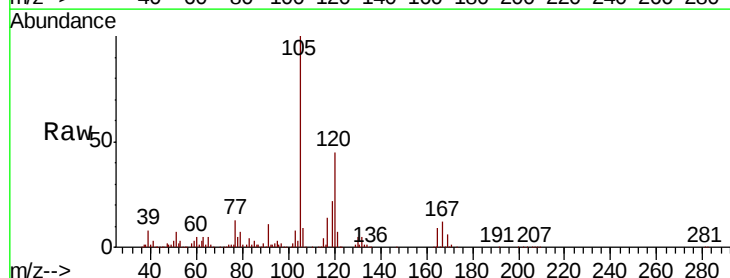
Acq: 15 Oct 2019 18:06

Tgt Ion:105 Resp: 993100

Ion Ratio Lower Upper

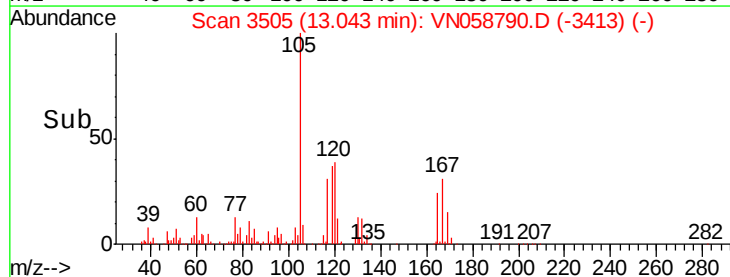
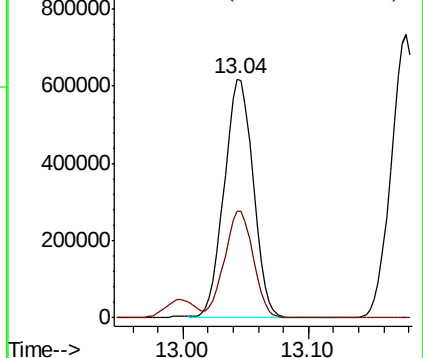
105 100

120 44.2 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.195 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

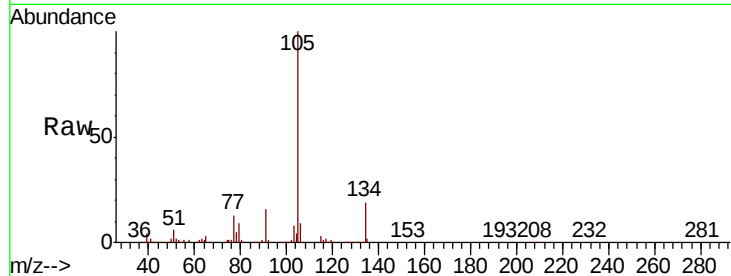
VSTDCCC050EC

Tot Ion:105 Resp: 1145346

Ion Ratio Lower Upper

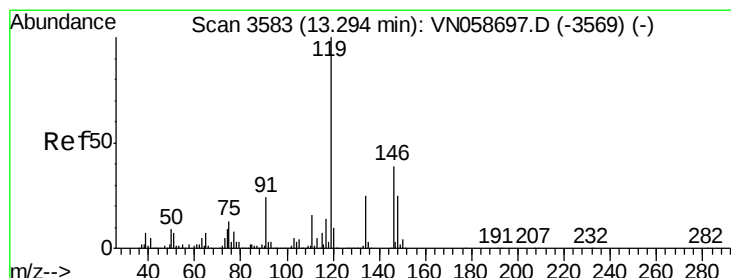
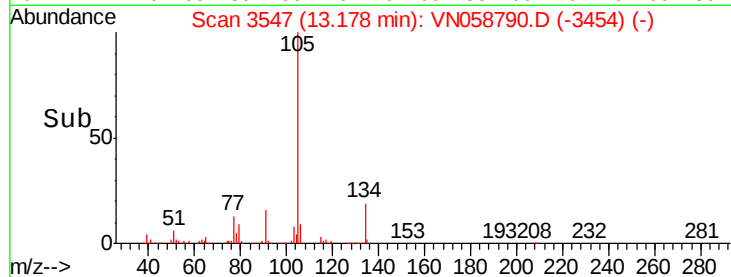
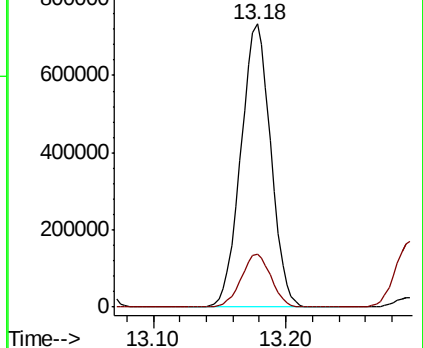
105 100

134 18.8 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.490 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

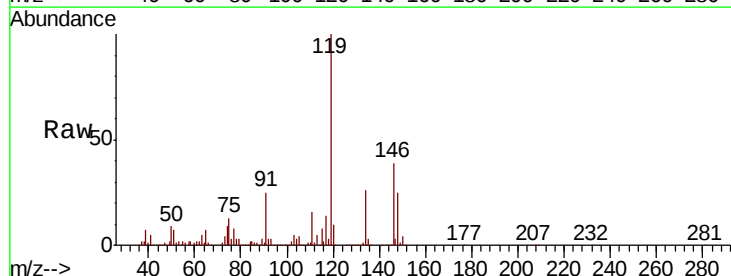
Tgt Ion:119 Resp: 1027416

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

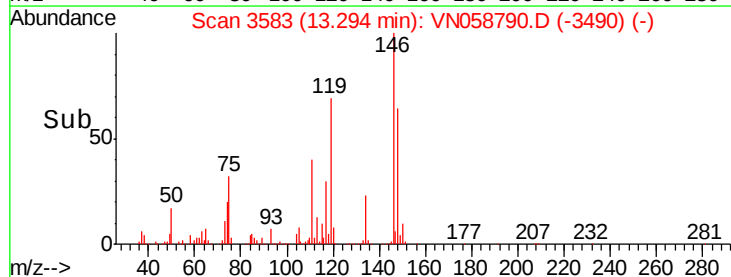
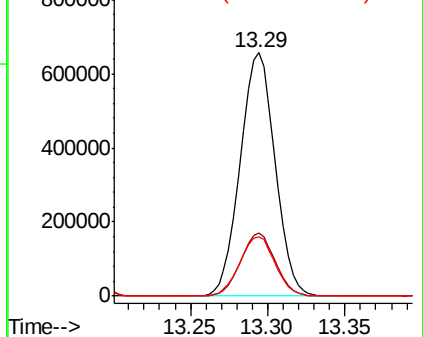
91 24.8 11.9 35.5

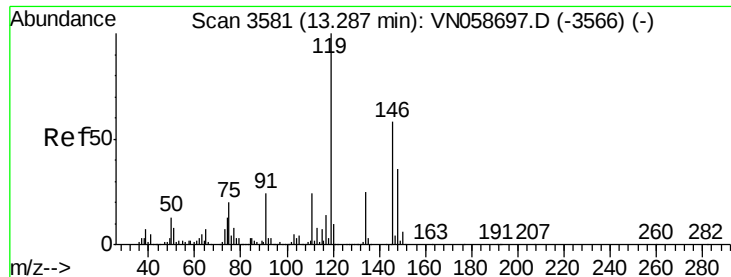


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.418 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

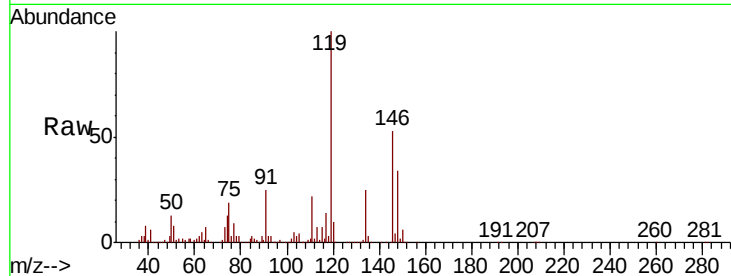
Tot Ion:146 Resp: 495967

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.6

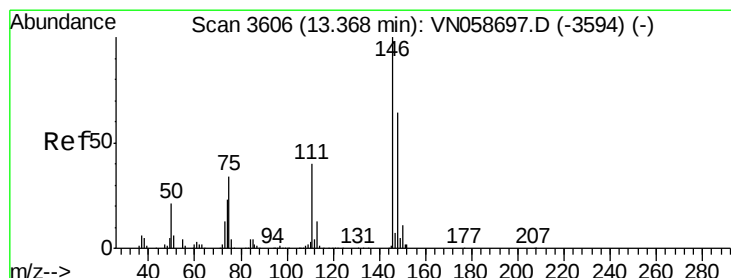
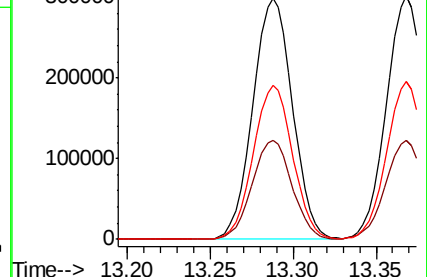
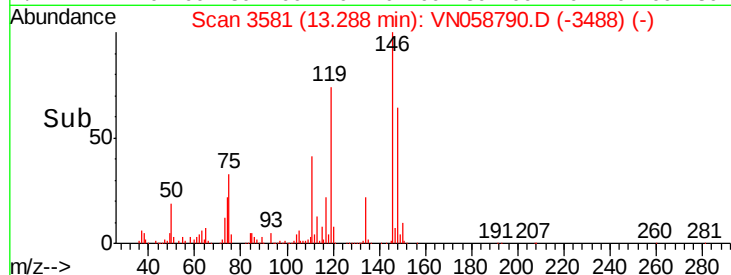
148 63.4 31.3 93.9



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: 48.984 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

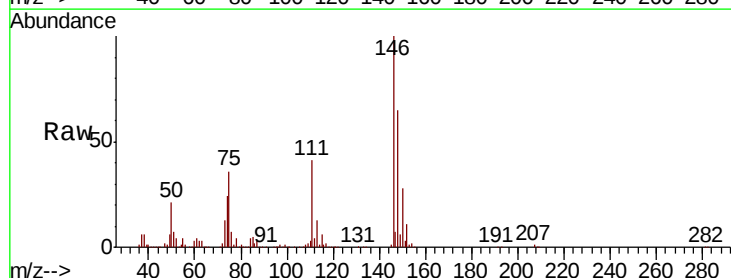
Tgt Ion:146 Resp: 489914

Ion Ratio Lower Upper

146 100

111 40.7 20.1 60.2

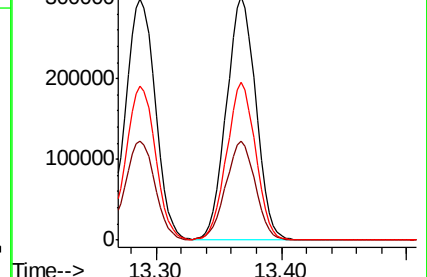
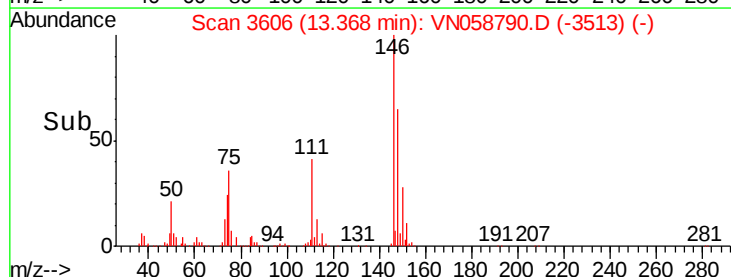
148 63.8 31.9 95.7

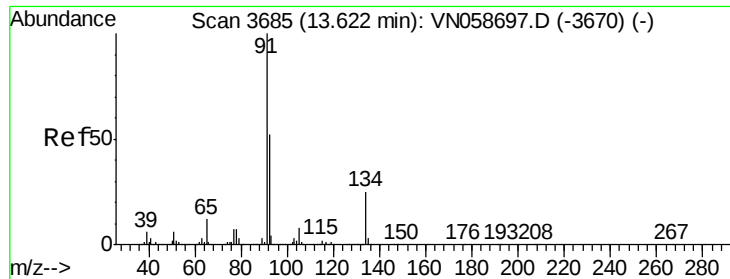


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

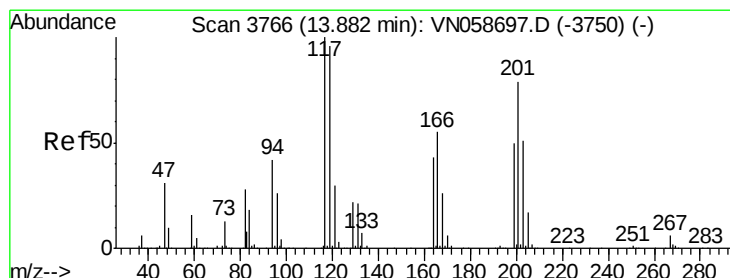
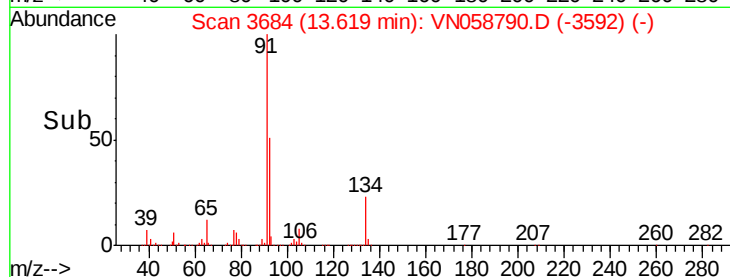
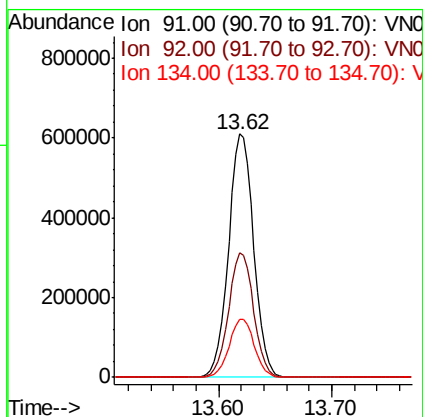
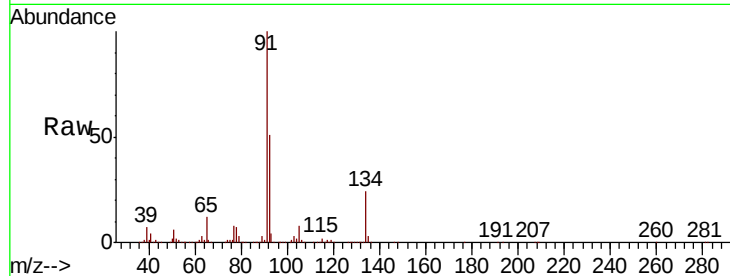




#89  
n-Butylbenzene  
Concen: 52.843 ug/l  
RT: 13.62 min Scan# 3684  
Delta R.T. -0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

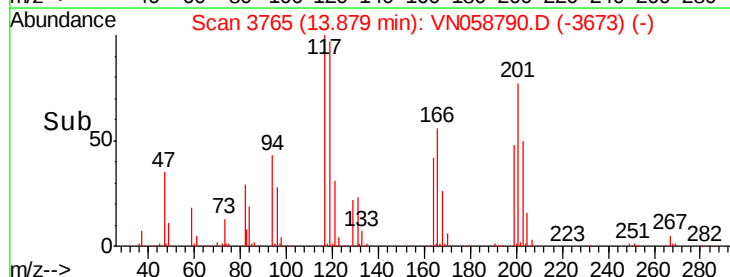
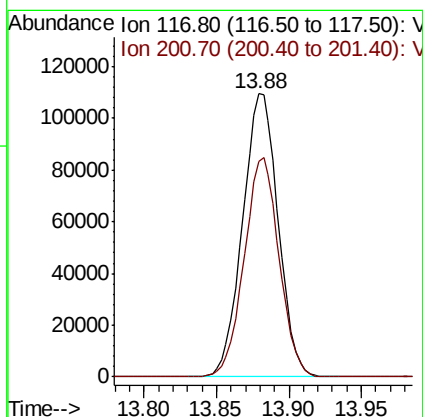
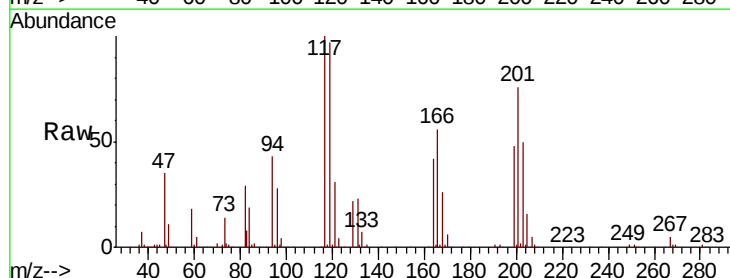
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

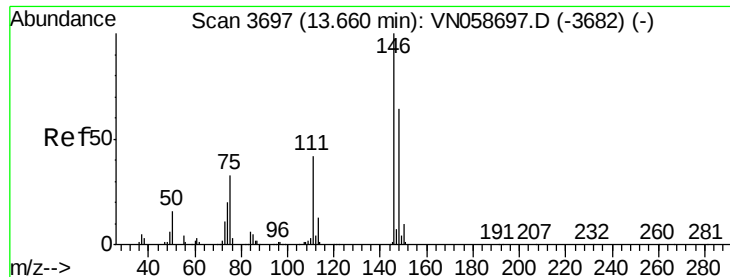
Tot Ion: 91 Resp: 938514  
Ion Ratio Lower Upper  
91 100  
92 51.2 26.0 78.0  
134 24.0 12.2 36.6



#90  
Hexachloroethane  
Concen: 54.338 ug/l  
RT: 13.88 min Scan# 3765  
Delta R.T. -0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Tgt Ion: 117 Resp: 186751  
Ion Ratio Lower Upper  
117 100  
201 76.0 39.6 118.7





#91

1,2-Dichlorobenzene

Concen: 50.873 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

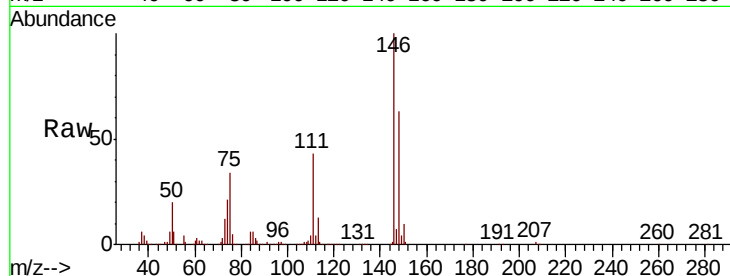
Tot Ion:146 Resp: 487742

Ion Ratio Lower Upper

146 100

111 43.1 21.1 63.4

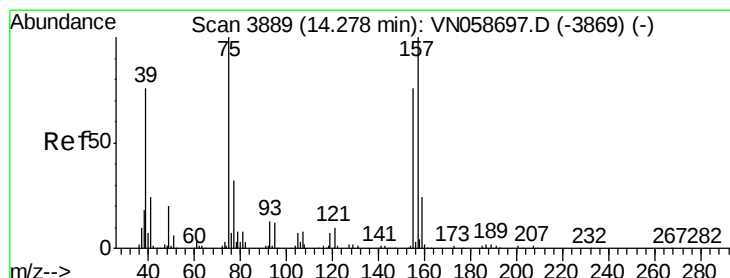
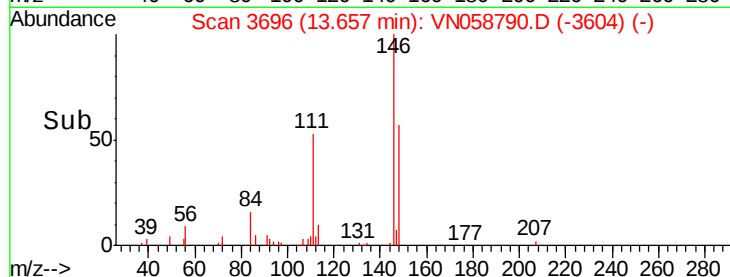
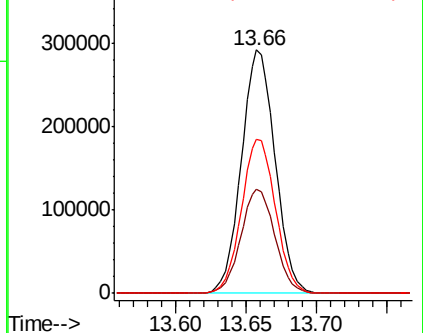
148 63.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.770 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN058790.D

Acq: 15 Oct 2019 18:06

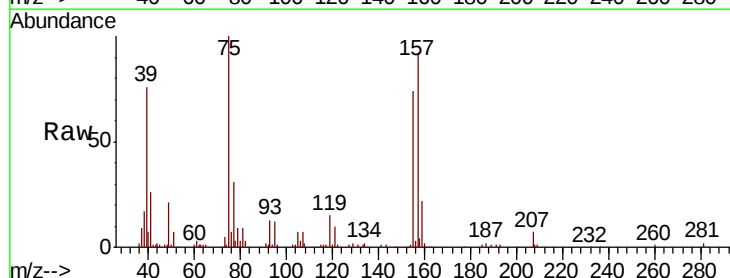
Tgt Ion: 75 Resp: 85687

Ion Ratio Lower Upper

75 100

155 72.9 37.9 113.6

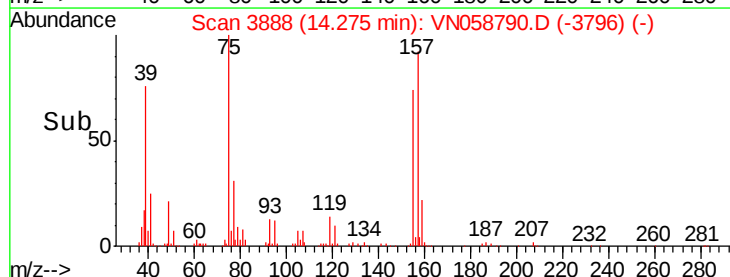
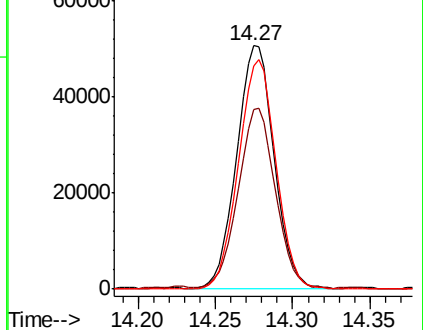
157 93.6 49.4 148.2



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

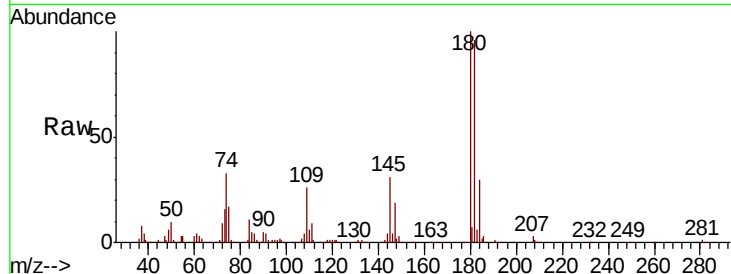




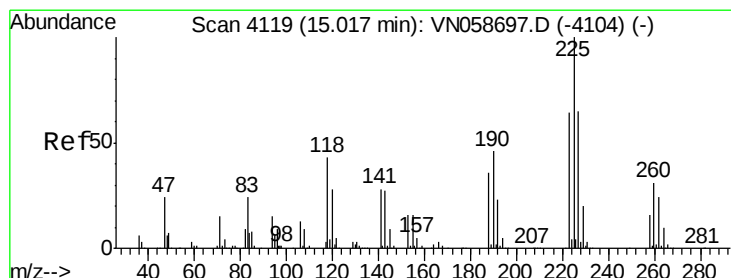
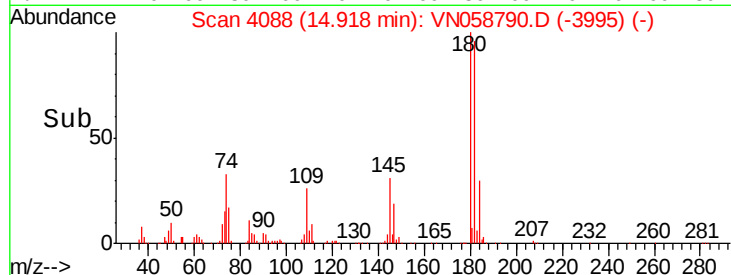
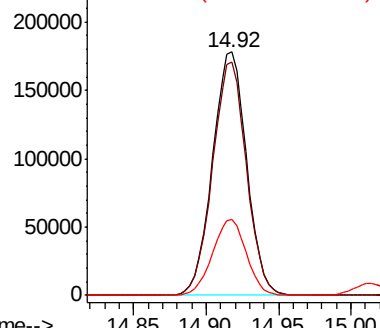
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.672 ug/l  
 RT: 14.92 min Scan# 4088  
 Delta R.T. 0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 47.4  | 142.2 |
| 145     | 31.1  | 15.4  | 46.2  |

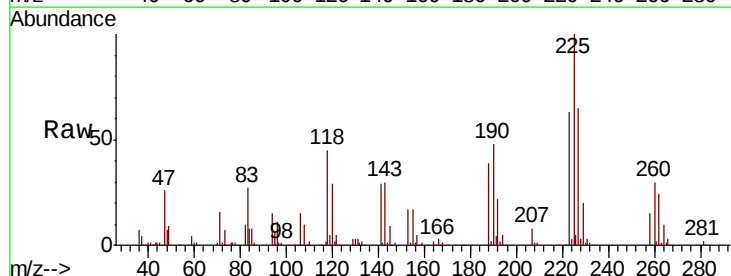


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

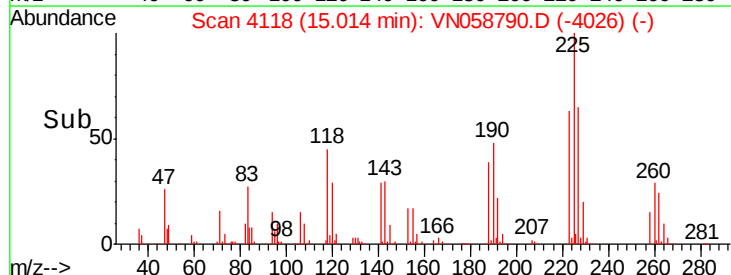
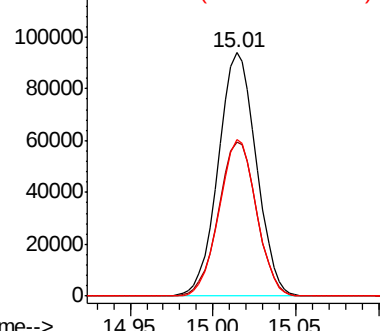


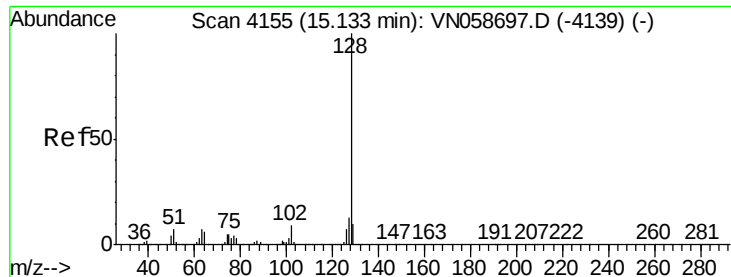
#94  
 Hexachlorobutadiene  
 Concen: 48.510 ug/l  
 RT: 15.01 min Scan# 4118  
 Delta R.T. -0.00 min  
 Lab File: VN058790.D  
 Acq: 15 Oct 2019 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.7  | 32.3  | 96.8  |
| 227     | 63.0  | 32.4  | 97.0  |



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

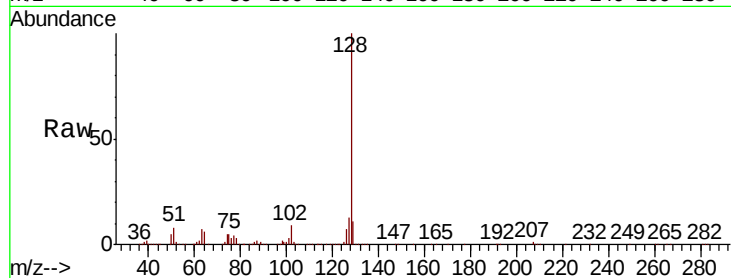




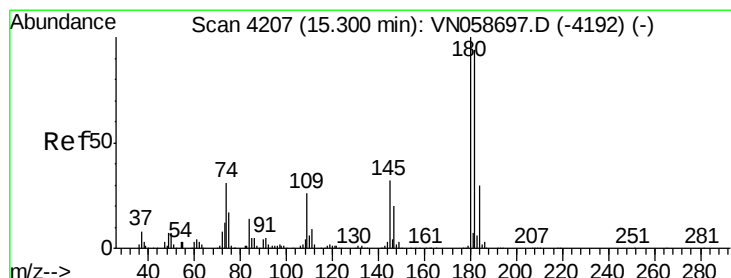
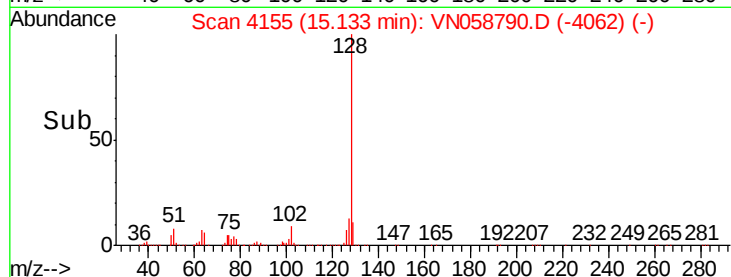
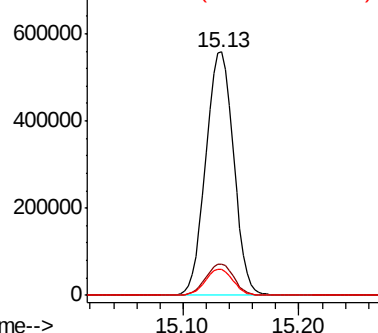
#95  
Naphthalene  
Concen: 55.246 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:128 Resp: 928604  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 10.7 8.5 12.7

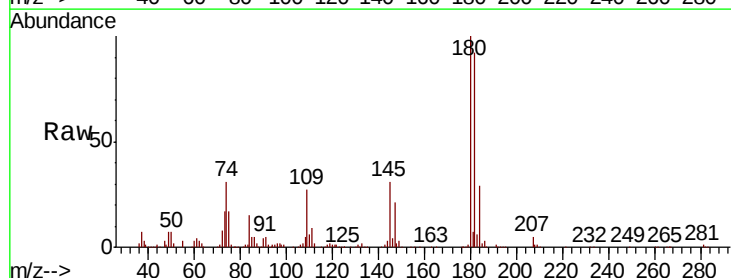


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 49.111 ug/l  
RT: 15.30 min Scan# 4207  
Delta R.T. 0.00 min  
Lab File: VN058790.D  
Acq: 15 Oct 2019 18:06

Tgt Ion:180 Resp: 280427  
Ion Ratio Lower Upper  
180 100  
182 93.5 47.3 142.0  
145 31.9 16.2 48.6



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

