

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\  
 Data File : VN055360.D  
 Acq On : 2 May 2019 19:41  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: May 03 01:59:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:16:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 391433   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 638252   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 542975   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 229558   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 263135   | 51.39 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.78% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 206026   | 49.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.36%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 742182   | 49.06 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.12%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 254724   | 53.88 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.76% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 218888   | 45.641  | ug/l  | 98     |
| 3) Chloromethane              | 2.06 | 50   | 242784   | 40.883  | ug/l  | 98     |
| 4) Vinyl Chloride             | 2.19 | 62   | 225100   | 47.024  | ug/l  | 99     |
| 5) Bromomethane               | 2.56 | 94   | 118308   | 46.659  | ug/l  | 99     |
| 6) Chloroethane               | 2.70 | 64   | 117837   | 45.440  | ug/l  | 95     |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 321623   | 47.250  | ug/l  | 97     |
| 8) Diethyl Ether              | 3.41 | 74   | 125071   | 52.518  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101  | 189919   | 46.854  | ug/l  | 99     |
| 10) Methyl Iodide             | 3.96 | 142  | 265797   | 46.595  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.79 | 59   | 93648    | 319.420 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 183338   | 47.414  | ug/l  | 97     |
| 13) Acrolein                  | 3.61 | 56   | 44414    | 193.978 | ug/l  | 100    |
| 14) Allyl chloride            | 4.33 | 41   | 391319   | 48.864  | ug/l  | 100    |
| 15) Acrylonitrile             | 4.99 | 53   | 461996   | 280.347 | ug/l  | 100    |
| 16) Acetone                   | 3.82 | 43   | 374915   | 234.970 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.06 | 76   | 413628   | 40.990  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.33 | 43   | 236569   | 61.093  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 608571   | 55.985  | ug/l  | 100    |
| 20) Methylene Chloride        | 4.55 | 84   | 218725   | 44.910  | ug/l  | 97     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96   | 193750   | 47.312  | ug/l  | 98     |
| 22) Diisopropyl ether         | 5.96 | 45   | 830162   | 52.173  | ug/l  | 99     |
| 23) Vinyl Acetate             | 5.90 | 43   | 2983418  | 286.082 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 416863   | 49.170  | ug/l  | 100    |
| 25) 2-Butanone                | 6.84 | 43   | 580382   | 284.425 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 270187   | 46.151  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 234709   | 50.400  | ug/l  | 100    |
| 28) Bromochloromethane        | 7.20 | 49   | 208312   | 48.746  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 389315   | 297.956 | ug/l  | 99     |
| 30) Chloroform                | 7.37 | 83   | 390976   | 48.649  | ug/l  | 100    |
| 31) Cyclohexane               | 7.66 | 56   | 364830   | 45.293  | ug/l  | 100    |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 316424   | 48.512  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.80 | 75   | 291060   | 47.610  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.93 | 43   | 255679   | 54.569  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 7.78 | 117  | 260621   | 44.193  | ug/l  | 99     |

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 Acq On : 2 May 2019 19:41  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: May 03 01:59:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:16:52 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 302776   | 46.581   | ug/l   | 97       |
| 40) Benzene                    | 8.04  | 78   | 868149   | 48.171   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 135025   | 53.199   | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 310796   | 48.691   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.17  | 43   | 453741   | 60.259   | ug/l   | 98       |
| 44) Trichloroethene            | 8.84  | 130  | 217840   | 47.415   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 257651   | 49.569   | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 139416   | 49.070   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 294973   | 48.394   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.20  | 41   | 210130   | 56.766   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 46577    | 1217.209 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1236409  | 291.647  | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 502968   | 48.640   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 287204   | 54.279   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 343504   | 52.068   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 197744   | 51.498   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 276396   | 58.481   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 344278   | 51.109   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 397815   | 270.162  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 789808   | 297.756  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 203258   | 51.792   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 189995   | 53.532   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 204470   | 46.049   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 514504   | 48.465   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 199238   | 47.930   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 959721   | 50.063   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 695209   | 101.599  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 341786   | 50.394   | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 562932   | 54.058   | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 126058   | 54.651   | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.25 | 105  | 923370   | 50.589   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 418635   | 71.059   | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 238656   | 52.639   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 294852   | 70.115   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 220618   | 50.397   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 1042158  | 44.196   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 635758   | 51.164   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 821282   | 45.635   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 58158    | 48.011   | ug/l   | 88       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 607661   | 44.321   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 644528   | 50.635   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 926857   | 57.586   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 844045   | 43.150   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 755836   | 47.013   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 362357   | 47.172   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 356728   | 49.313   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 625773   | 54.776   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.87 | 117  | 116219   | 45.513   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 363191   | 47.704   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 38787    | 64.224   | ug/l   | 96       |

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Acq On : 2 May 2019 19:41  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: May 03 01:59:41 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 30 07:16:52 2019  
Response via : Initial Calibration

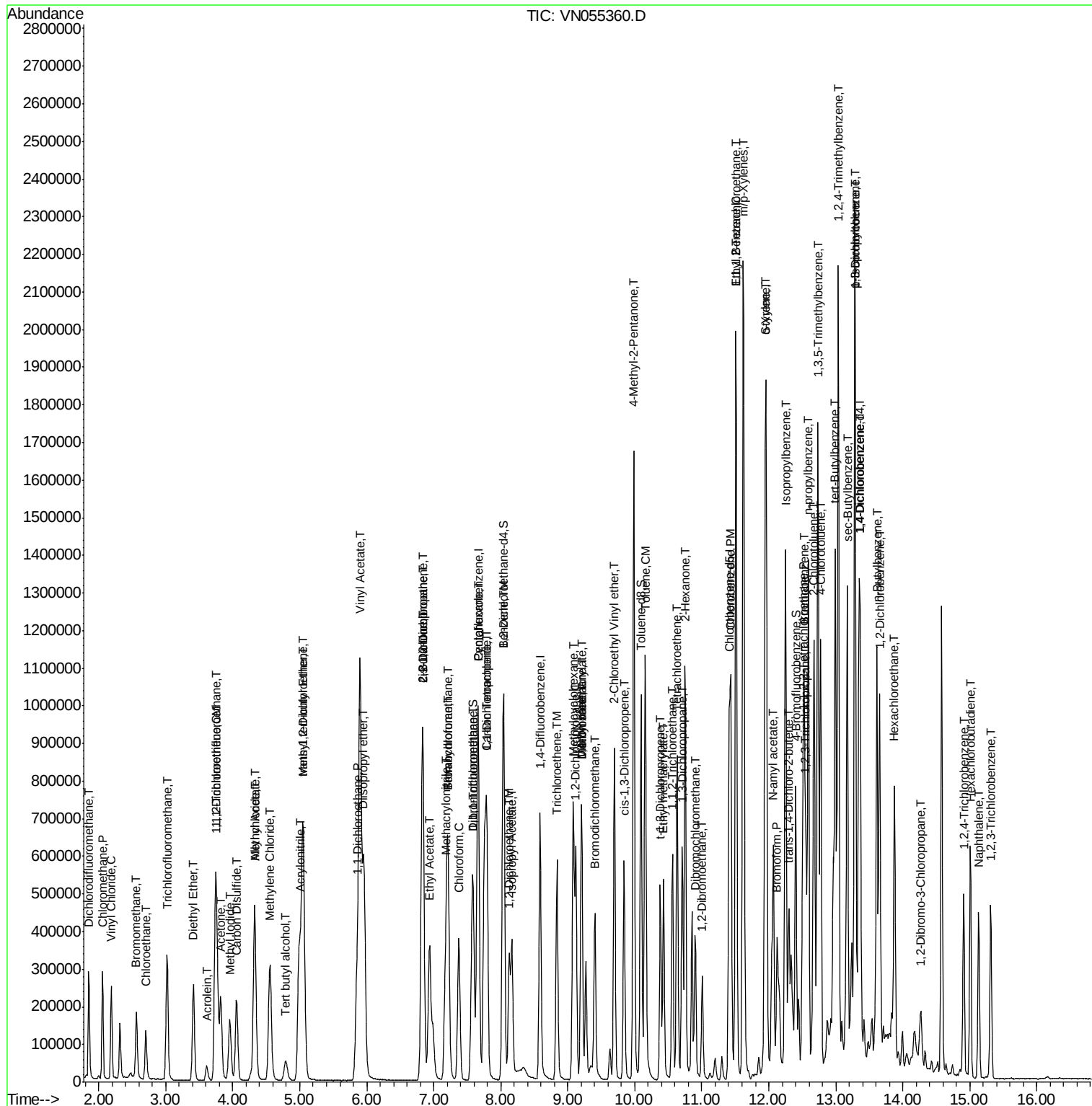
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 157369   | 52.270 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 123563   | 54.169 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 369828   | 57.430 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 159284   | 53.684 | ug/l  | 99       |

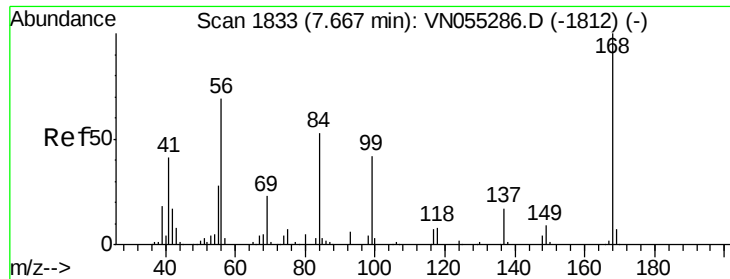
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\  
Data File : VN055360.D  
Acq On : 2 May 2019 19:41  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: May 03 01:59:41 2019  
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QLast Update : Tue Apr 30 07:16:52 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

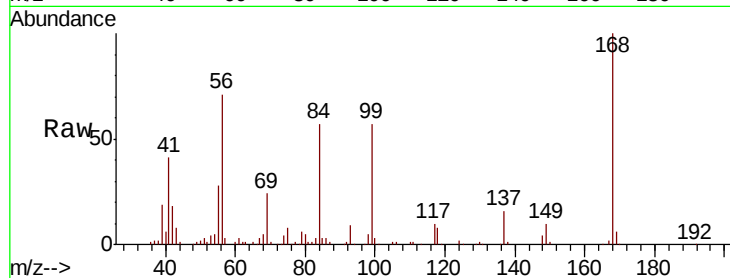
VSTDCCC050EC

Tot Ion:168 Resp: 391433

Ion Ratio Lower Upper

168 100

99 56.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

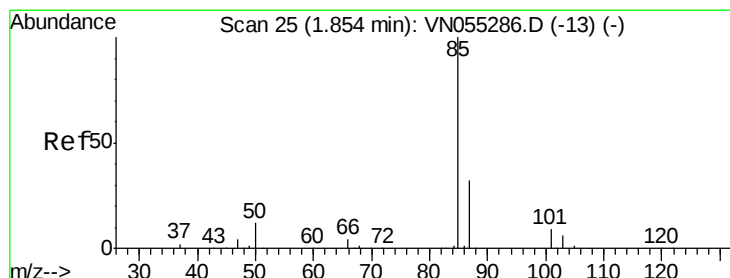
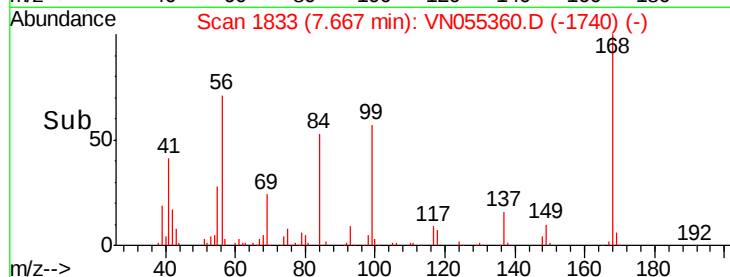
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.641 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055360.D

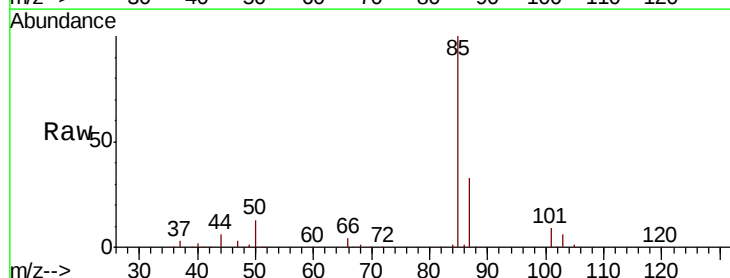
Acq: 2 May 2019 19:41

Tgt Ion: 85 Resp: 218888

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

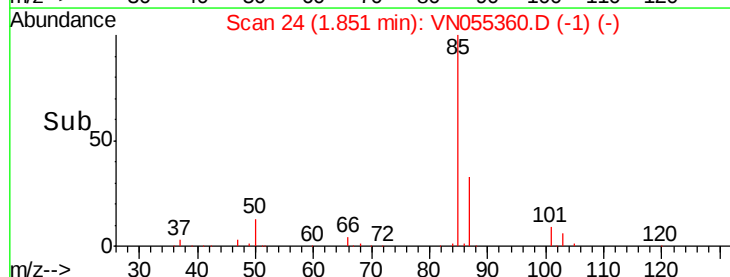
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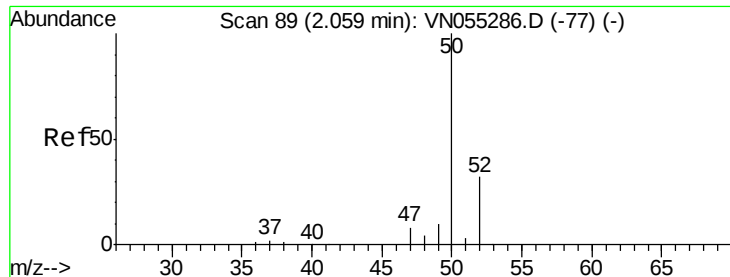
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Time-->





#3

Chloromethane

Concen: 40.883 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

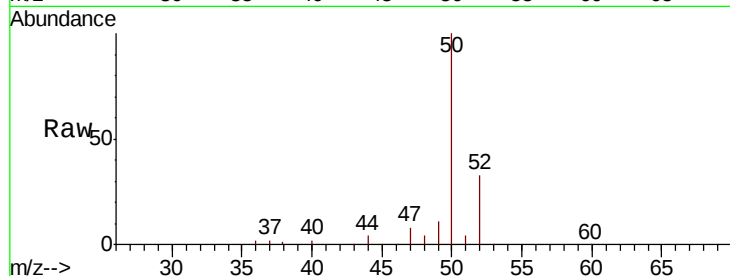
VSTDCCC050EC

Tot Ion: 50 Resp: 242784

Ion Ratio Lower Upper

50 100

52 33.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC

2.06

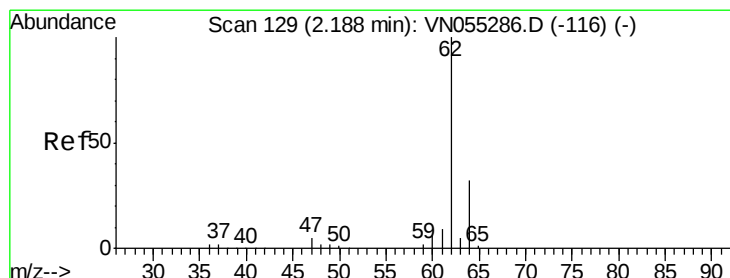
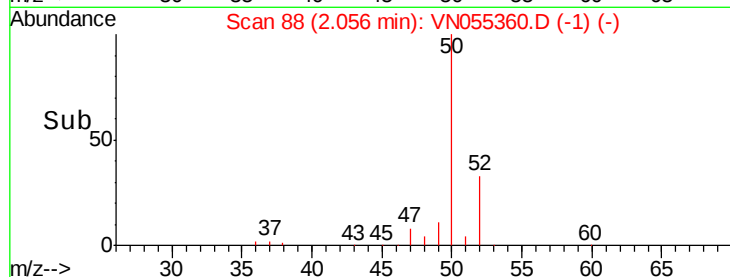
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100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.024 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055360.D

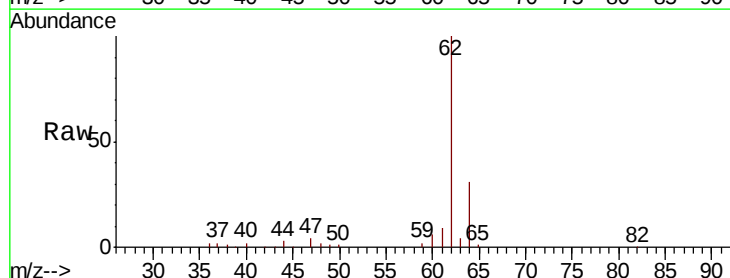
Acq: 2 May 2019 19:41

Tgt Ion: 62 Resp: 225100

Ion Ratio Lower Upper

62 100

64 31.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

2.19

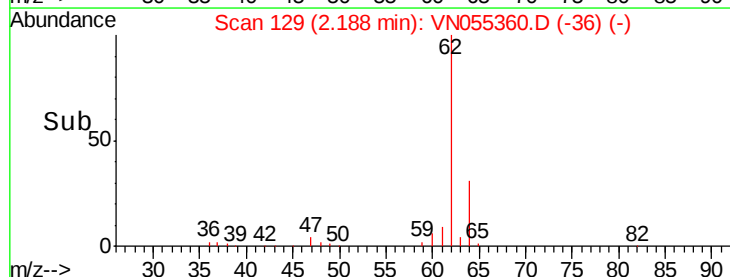
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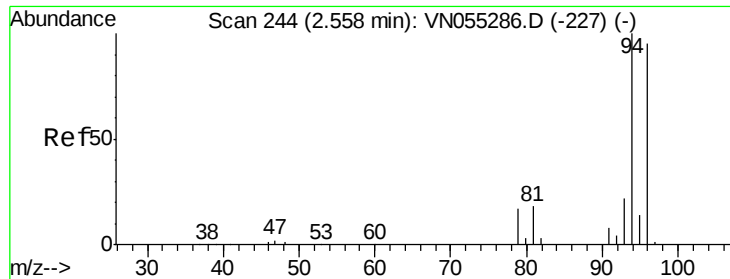
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Time-->

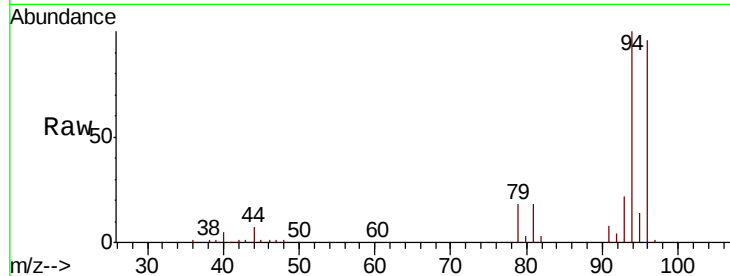




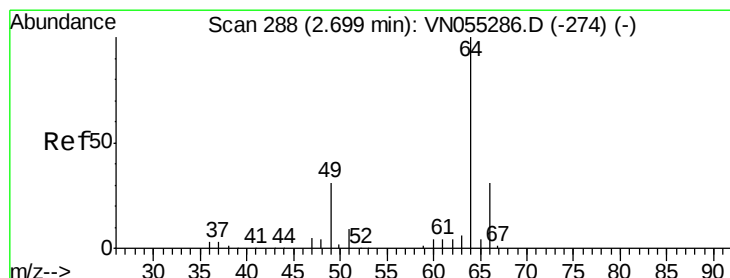
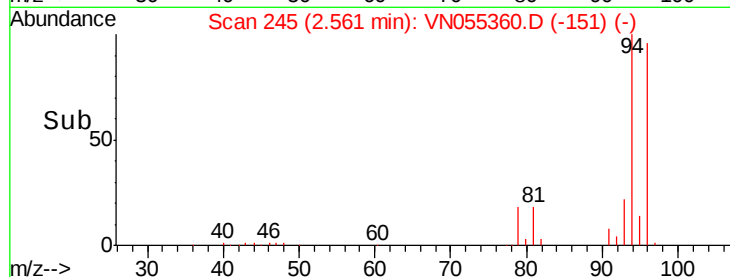
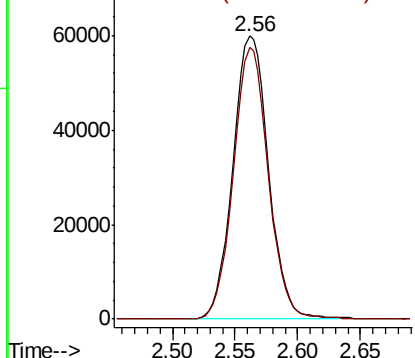
#5  
Bromomethane  
Concen: 46.659 ug/l  
RT: 2.56 min Scan# 245  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 94 Resp: 118308  
Ion Ratio Lower Upper  
94 100  
96 95.9 76.0 114.0

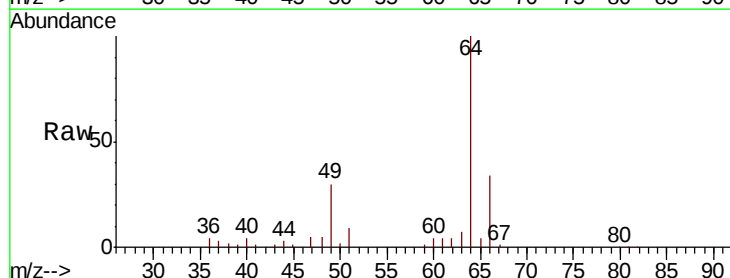


Abundance Ion 93.90 (93.60 to 94.60): VN0  
Ion 95.90 (95.60 to 96.60): VN0

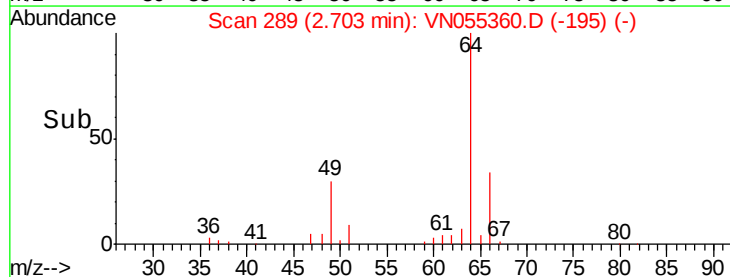
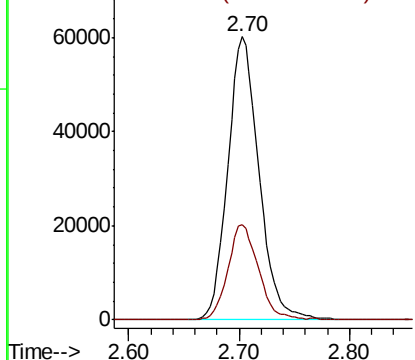


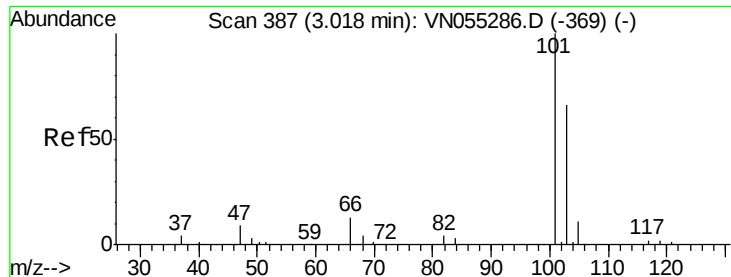
#6  
Chloroethane  
Concen: 45.440 ug/l  
RT: 2.70 min Scan# 289  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion: 64 Resp: 117837  
Ion Ratio Lower Upper  
64 100  
66 33.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0  
Ion 65.90 (65.60 to 66.60): VN0



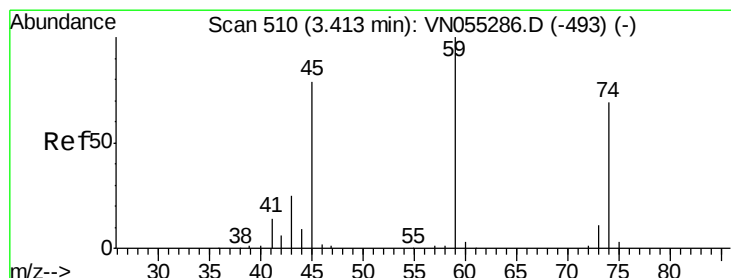
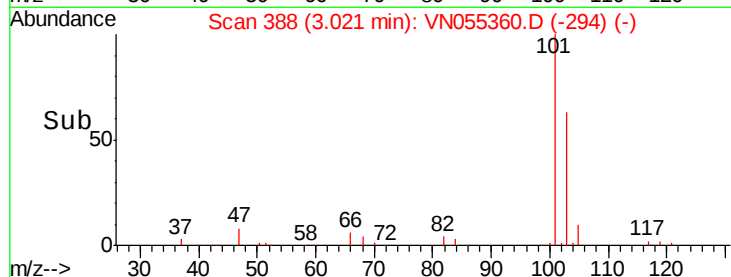
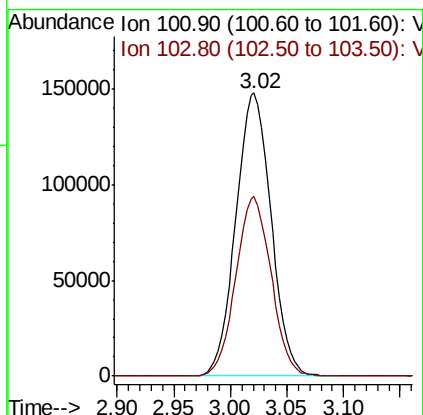
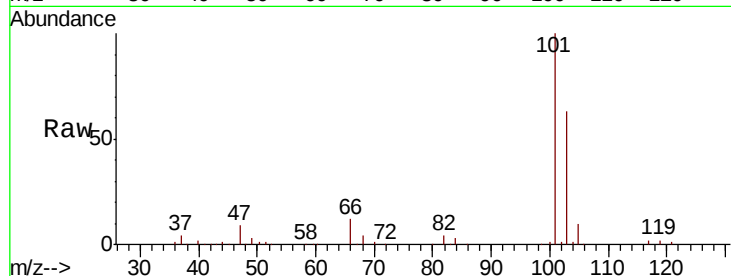


#7

Trichlorofluoromethane  
 Concen: 47.250 ug/l  
 RT: 3.02 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

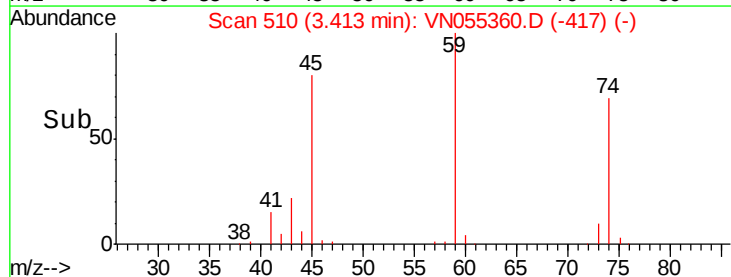
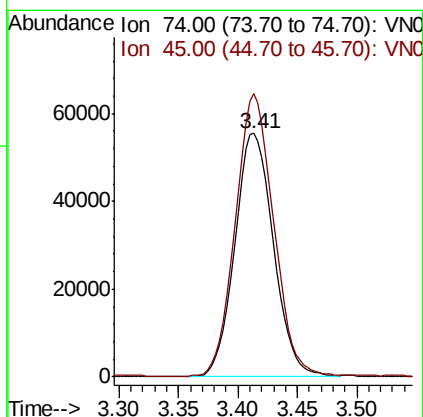
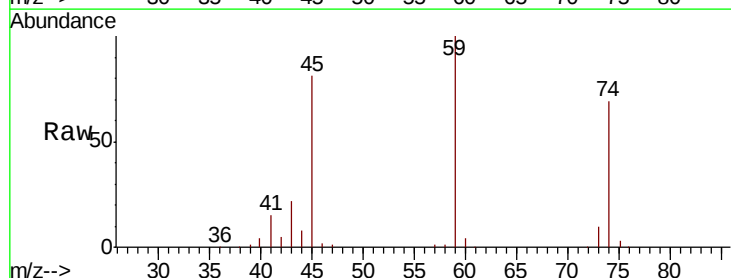
Tot Ion:101 Resp: 321623  
 Ion Ratio Lower Upper  
 101 100  
 103 63.3 52.6 79.0

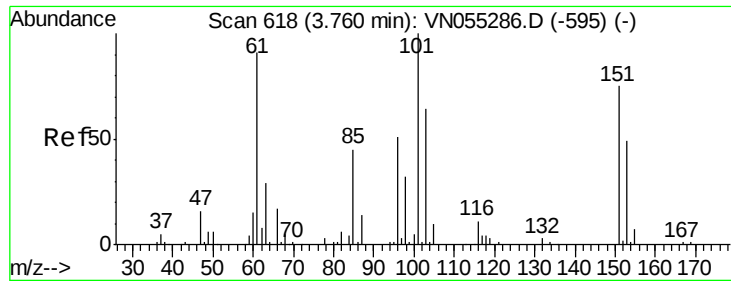


#8

Diethyl Ether  
 Concen: 52.518 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

Tgt Ion: 74 Resp: 125071  
 Ion Ratio Lower Upper  
 74 100  
 45 115.5 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.854 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

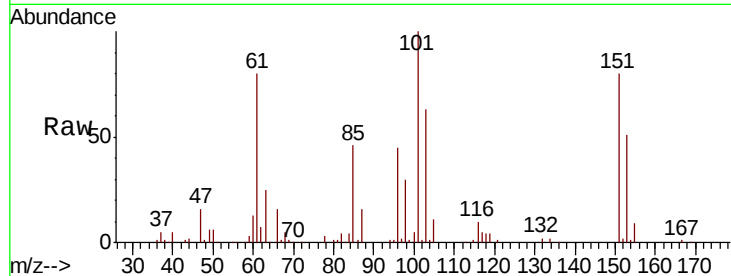
Tot Ion:101 Resp: 189919

Ion Ratio Lower Upper

101 100

85 45.1 35.7 53.5

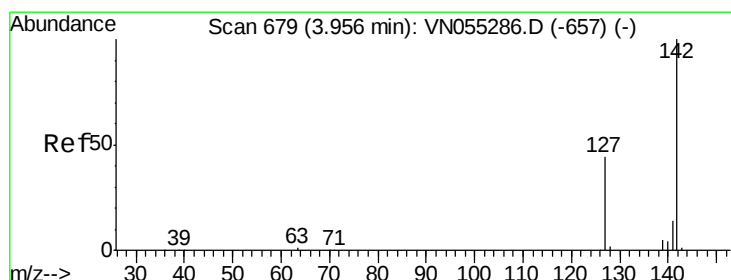
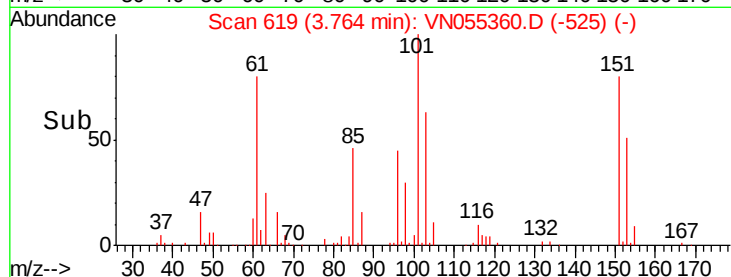
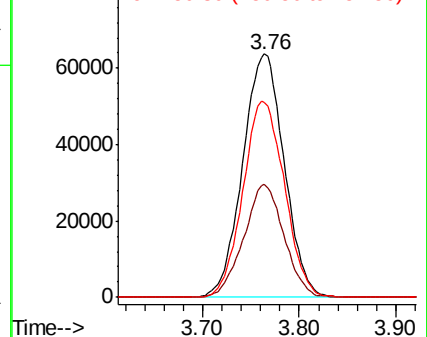
151 80.7 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.595 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

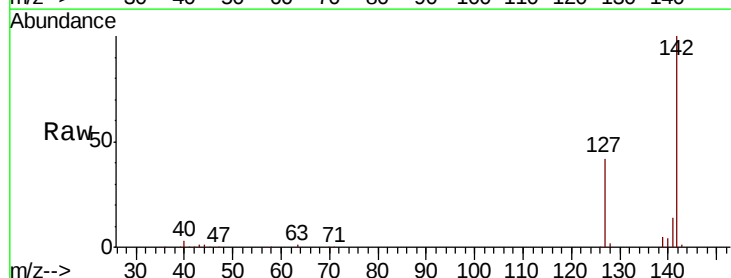
Tgt Ion:142 Resp: 265797

Ion Ratio Lower Upper

142 100

127 42.1 34.4 51.6

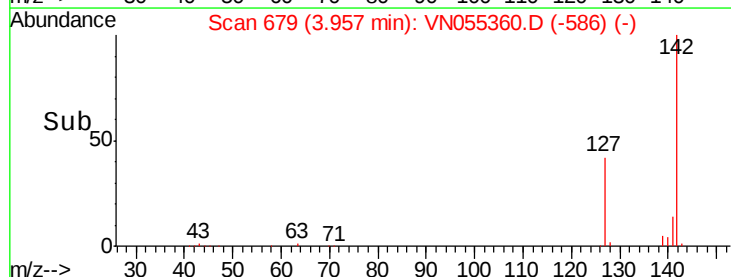
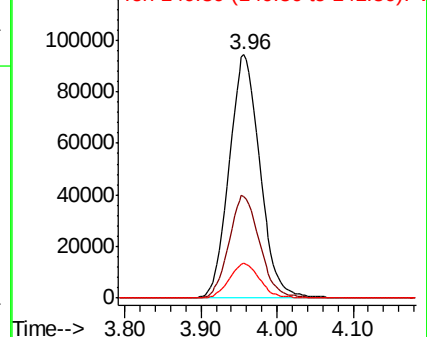
141 14.1 11.5 17.3

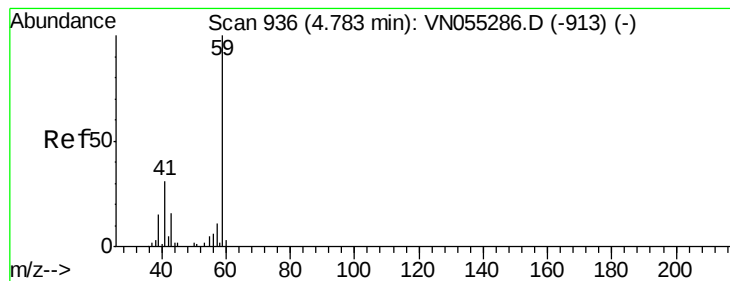


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



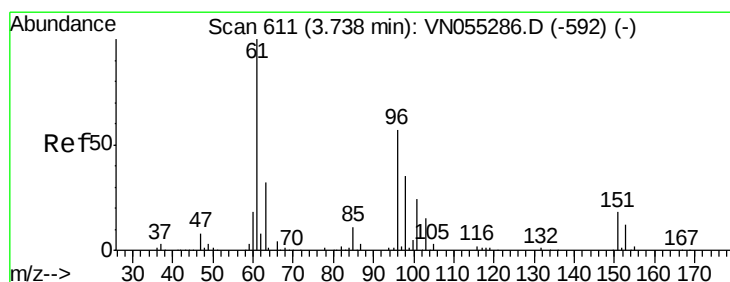
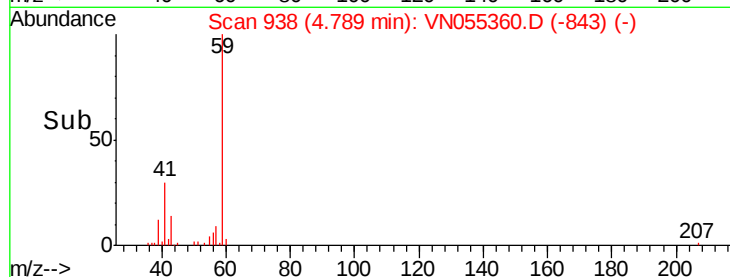
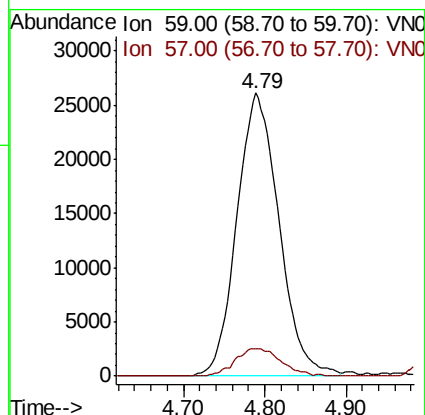
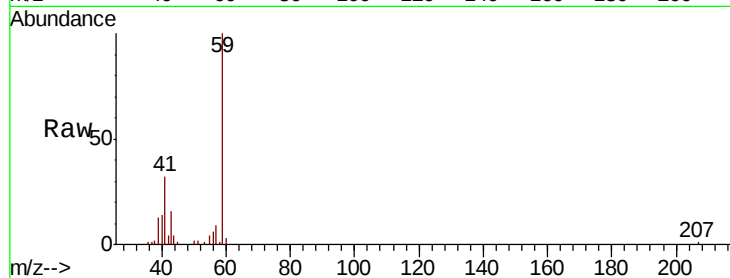


#11

Tert butyl alcohol  
 Concen: 319.420 ug/l  
 RT: 4.79 min Scan# 938  
 Delta R.T. 0.01 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

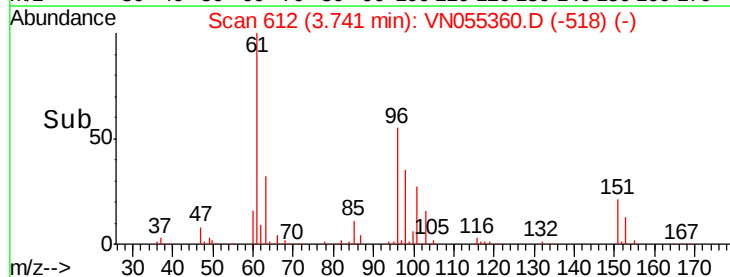
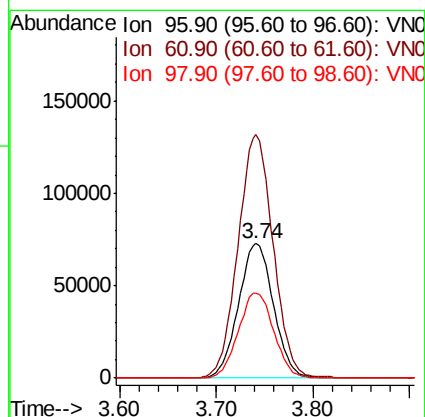
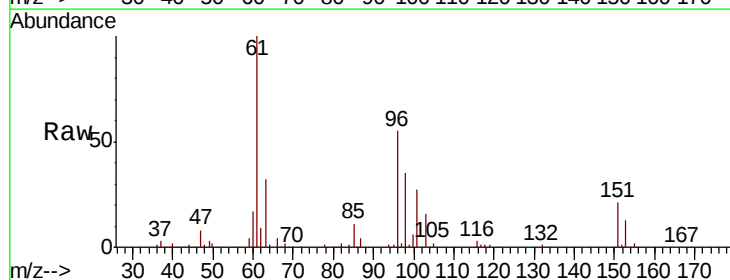
Tot Ion: 59 Resp: 93648  
 Ion Ratio Lower Upper  
 59 100  
 57 10.5 8.2 12.2

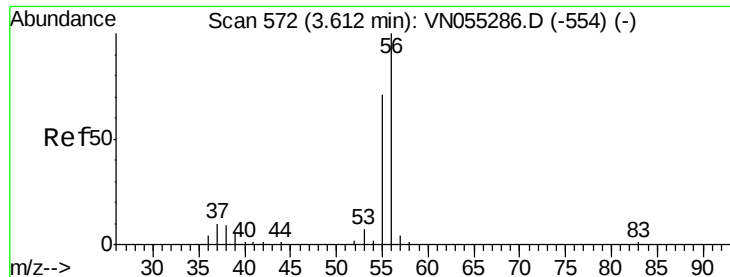


#12

1,1-Dichloroethene  
 Concen: 47.414 ug/l  
 RT: 3.74 min Scan# 612  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

Tgt Ion: 96 Resp: 183338  
 Ion Ratio Lower Upper  
 96 100  
 61 181.1 140.9 211.3  
 98 63.3 50.0 75.0

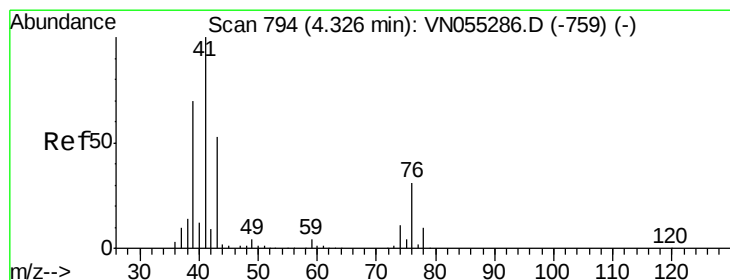
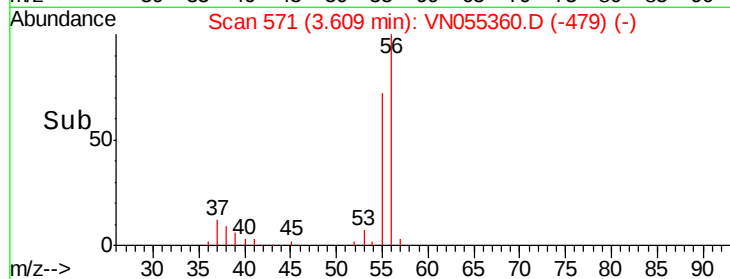
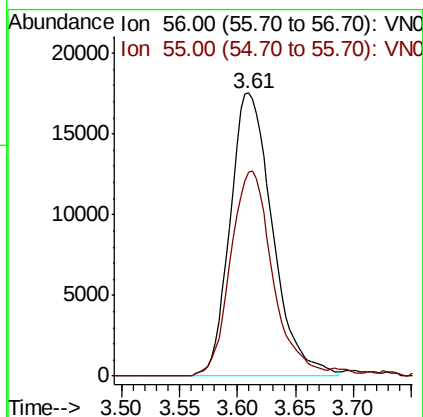
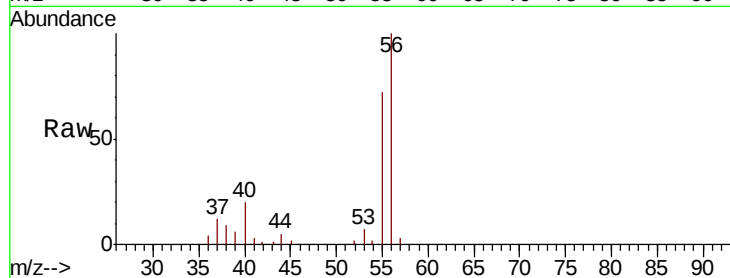




#13  
Acrolein  
Concen: 193.978 ug/l  
RT: 3.61 min Scan# 571  
Delta R.T. -0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

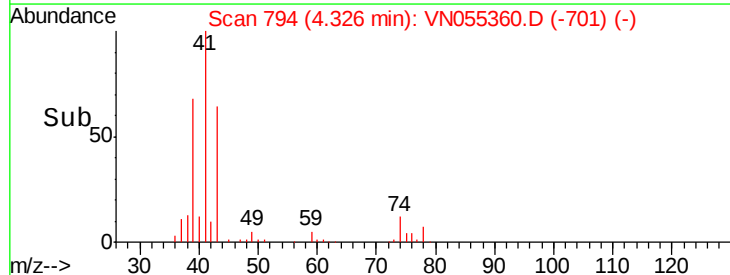
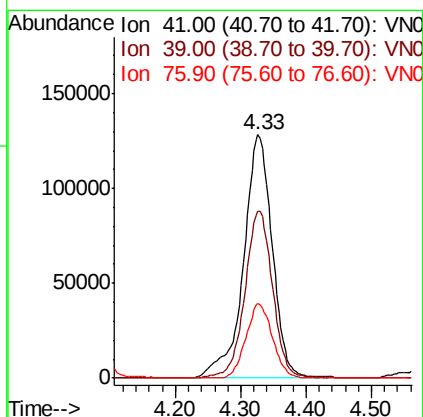
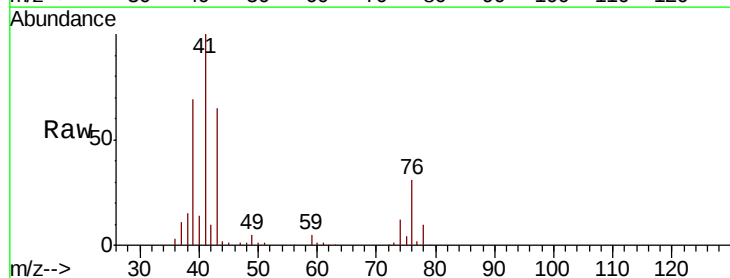
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

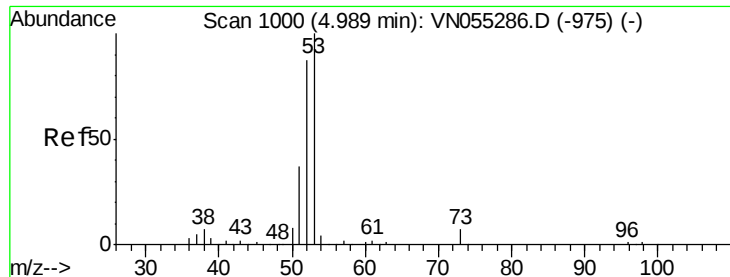
Tot Ion: 56 Resp: 44414  
Ion Ratio Lower Upper  
56 100  
55 71.8 57.4 86.2



#14  
Allyl chloride  
Concen: 48.864 ug/l  
RT: 4.33 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion: 41 Resp: 391319  
Ion Ratio Lower Upper  
41 100  
39 66.3 53.0 79.6  
76 28.3 22.7 34.1





#15

Acrylonitrile

Concen: 280.347 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

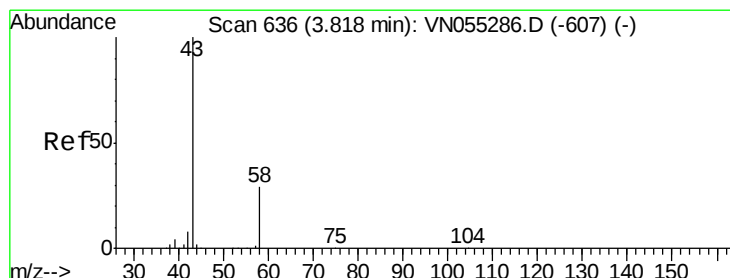
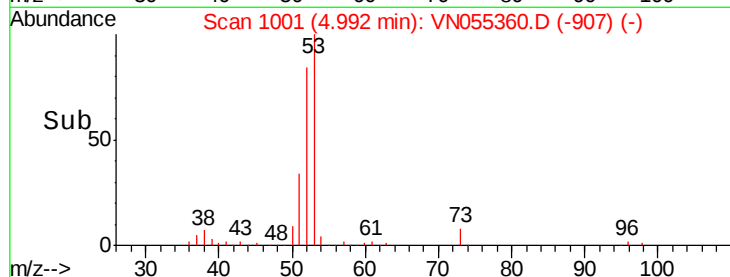
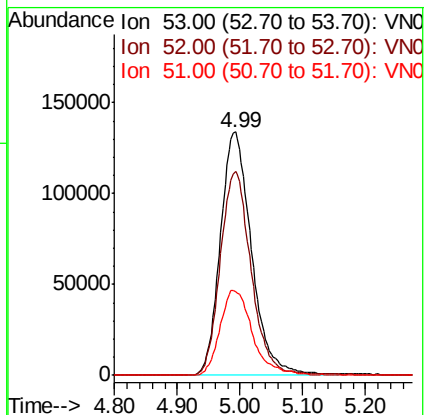
MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 461996

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.0  | 66.5  | 99.7  |
| 51  | 36.4  | 29.6  | 44.4  |



#16

Acetone

Concen: 234.970 ug/l

RT: 3.82 min Scan# 637

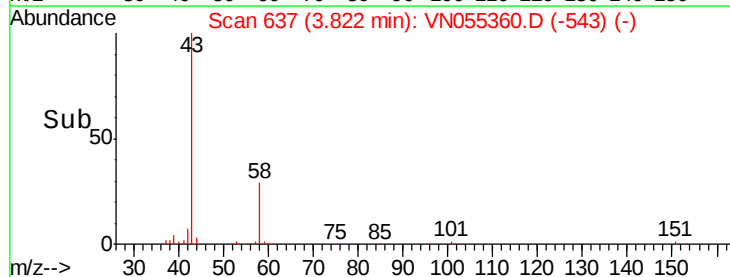
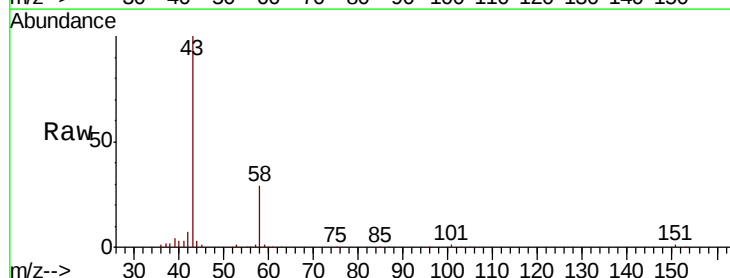
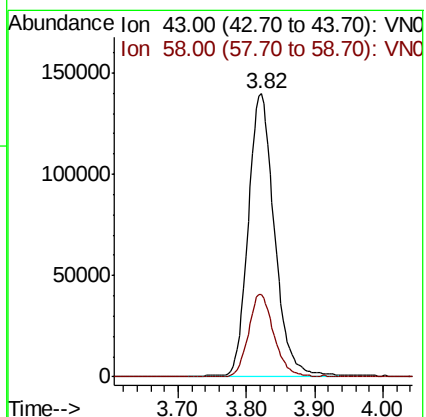
Delta R.T. 0.00 min

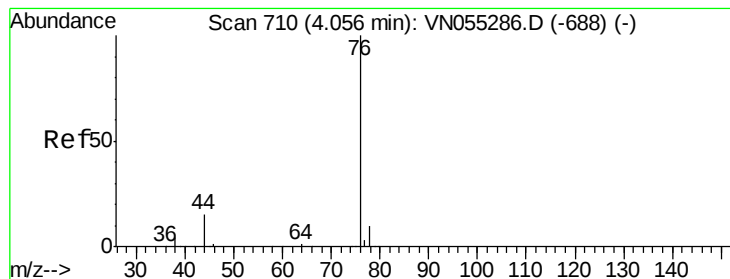
Lab File: VN055360.D

Acq: 2 May 2019 19:41

Tgt Ion: 43 Resp: 374915

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 28.9  | 23.6  | 35.4  |





#17

Carbon Disulfide

Concen: 40.990 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

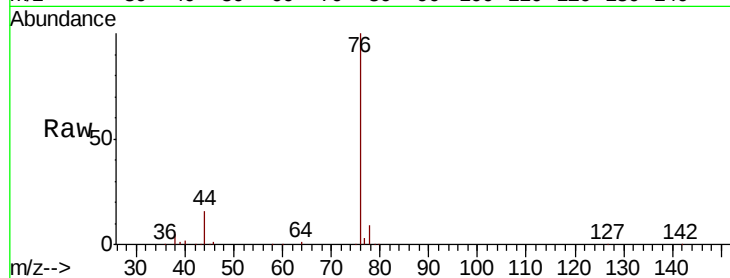
VSTDCCC050EC

Tot Ion: 76 Resp: 413628

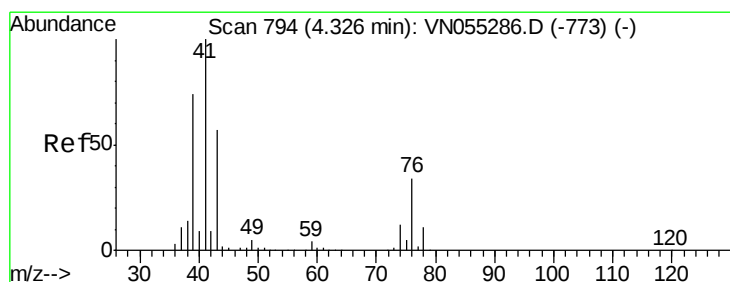
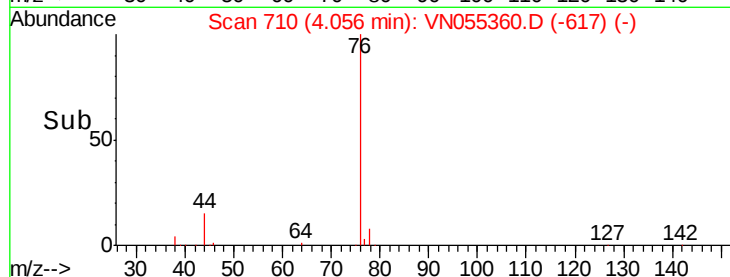
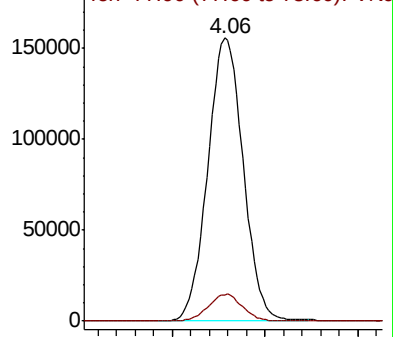
Ion Ratio Lower Upper

76 100

78 9.4 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VNO  
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 61.093 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055360.D

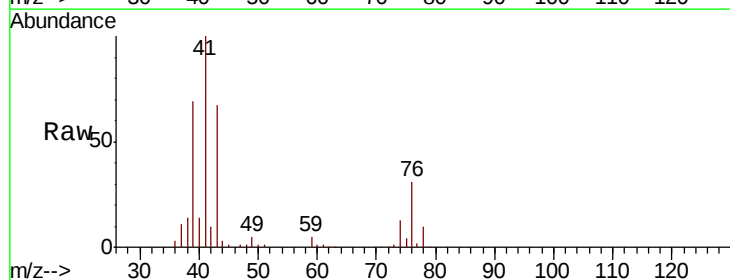
Acq: 2 May 2019 19:41

Tgt Ion: 43 Resp: 236569

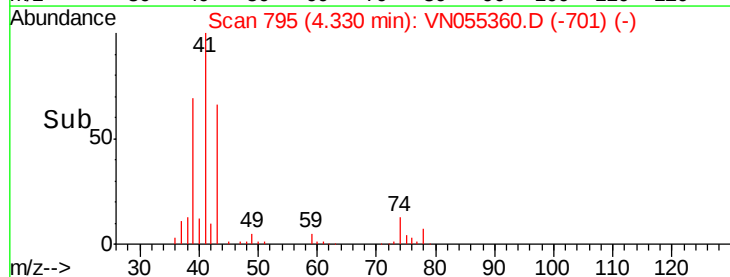
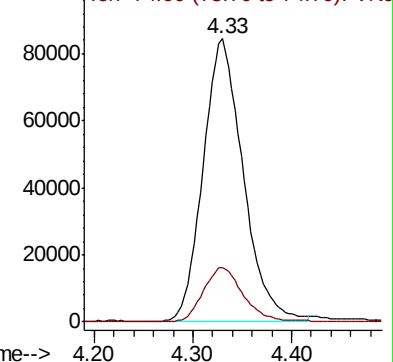
Ion Ratio Lower Upper

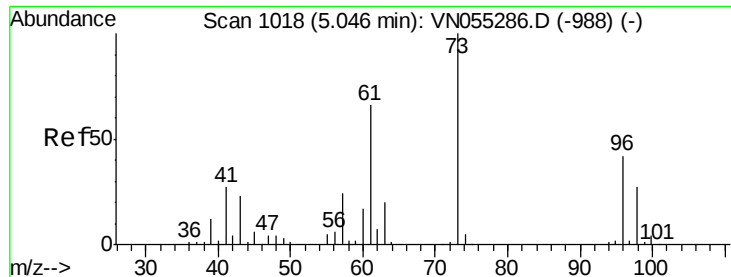
43 100

74 19.2 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VNO  
Ion 74.00 (73.70 to 74.70): VNO

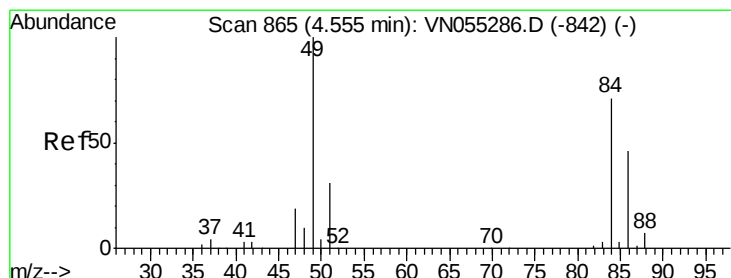
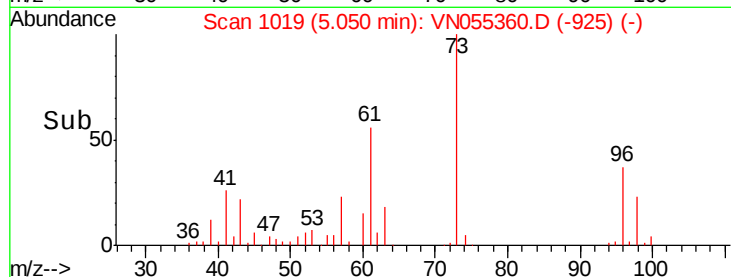
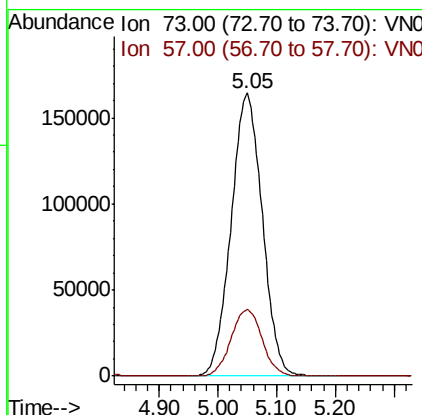
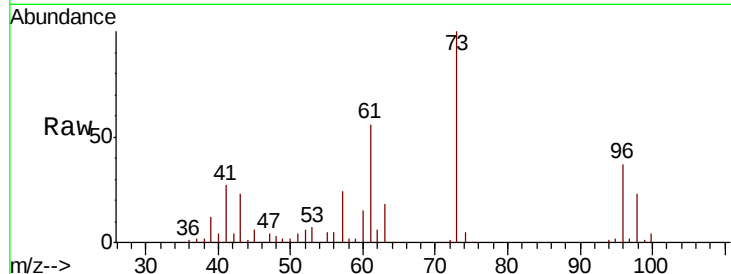




#19  
Methvl tert-butvl Ether  
Concen: 55.985 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

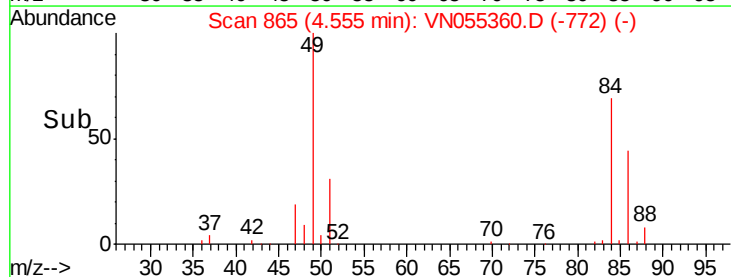
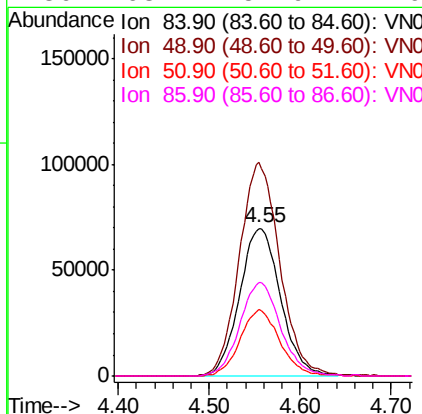
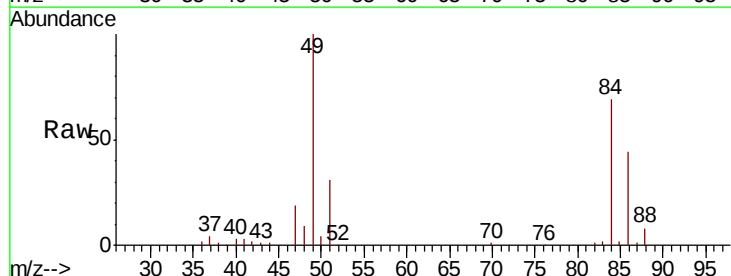
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

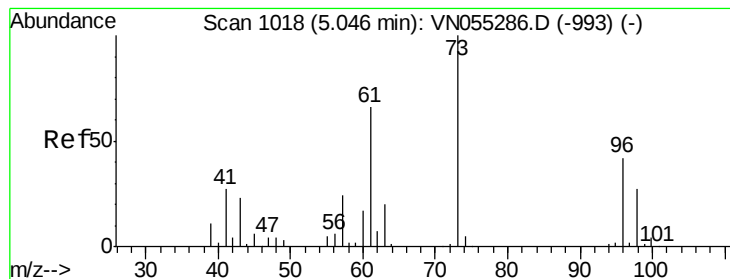
Tot Ion: 73 Resp: 608571  
Ion Ratio Lower Upper  
73 100  
57 23.8 19.1 28.7



#20  
Methylene Chloride  
Concen: 44.910 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion: 84 Resp: 218725  
Ion Ratio Lower Upper  
84 100  
49 144.6 112.4 168.6  
51 44.7 34.6 51.8  
86 63.4 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 47.312 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

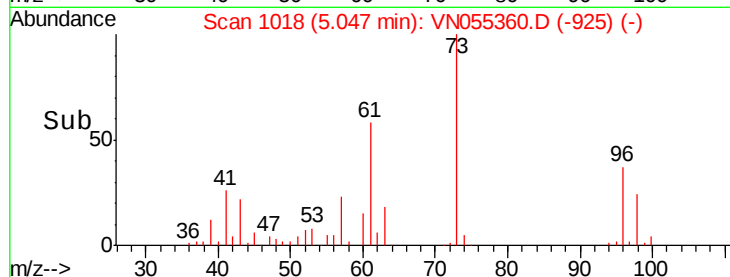
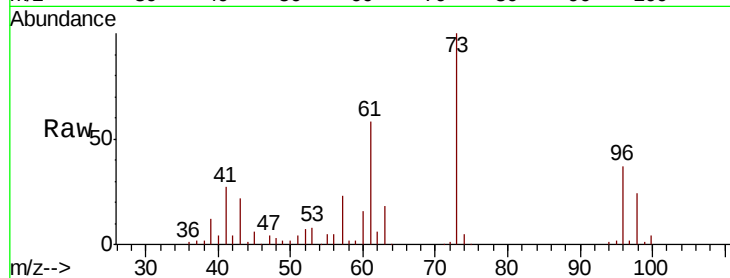
Tot Ion: 96 Resp: 193750

Ion Ratio Lower Upper

96 100

61 154.5 126.2 189.4

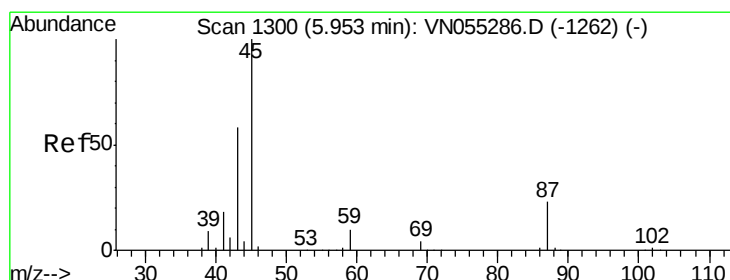
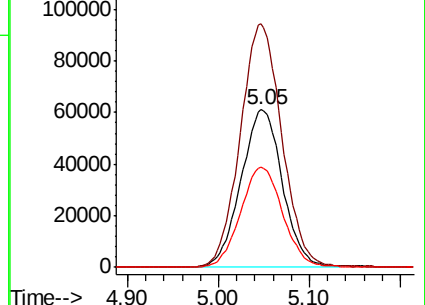
98 63.4 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 52.173 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Tgt Ion: 45 Resp: 830162

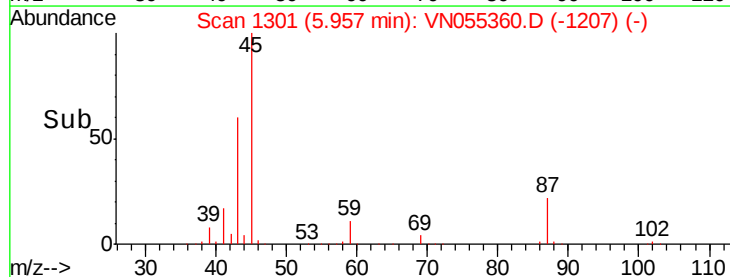
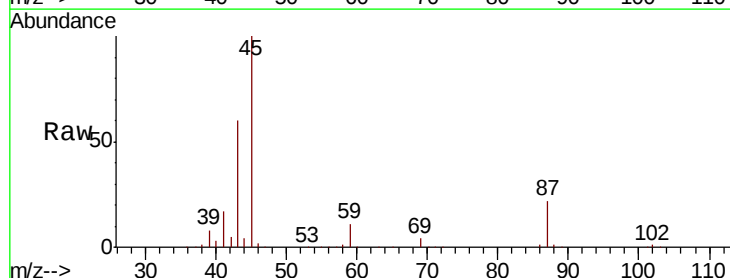
Ion Ratio Lower Upper

45 100

43 57.9 46.6 70.0

87 22.1 18.1 27.1

59 10.4 8.2 12.2

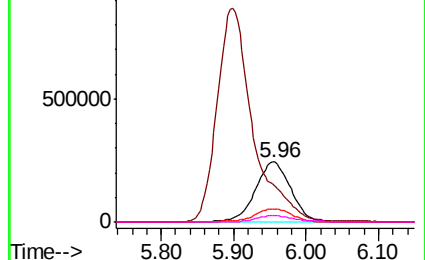


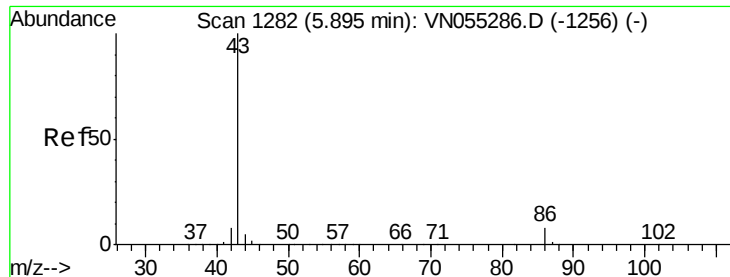
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 286.082 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

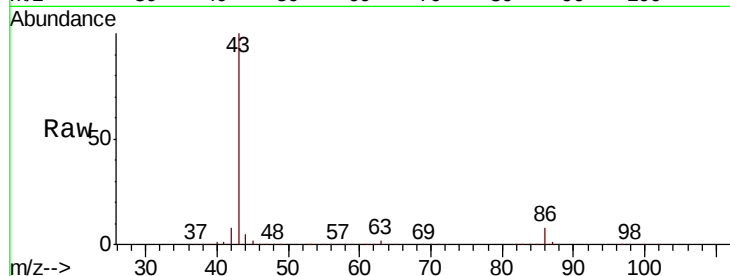
VSTDCCC050EC

Tot Ion: 43 Resp: 2983418

Ion Ratio Lower Upper

43 100

86 8.2 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN055360.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN055360.D (-1189) (-)

5.90

800000

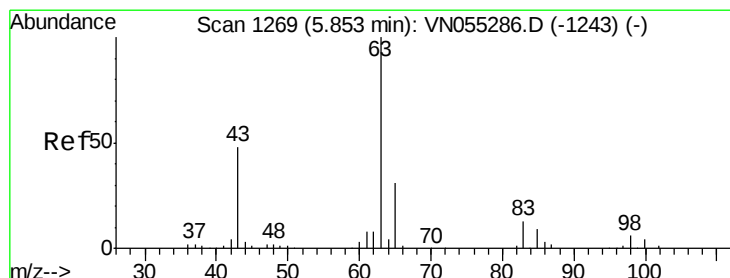
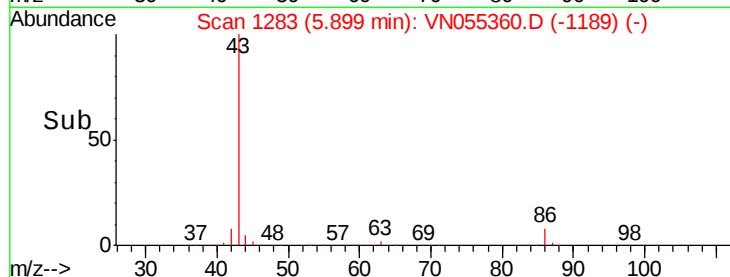
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.170 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

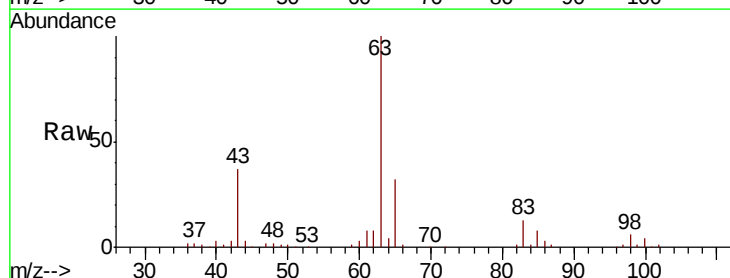
Tgt Ion: 63 Resp: 416863

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.0

100 3.9 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN055360.D (-1176) (-)

Ion 97.90 (97.60 to 98.60): VN055360.D (-1176) (-)

Ion 99.90 (99.60 to 100.60): VN055360.D (-1176) (-)

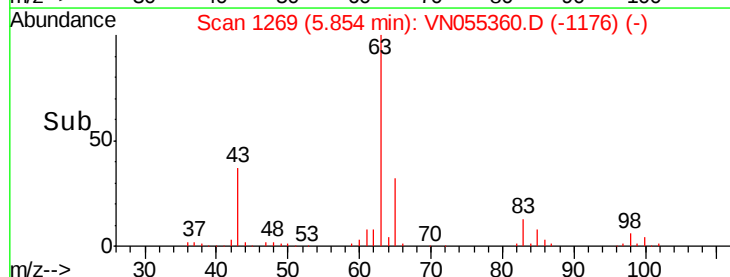
150000

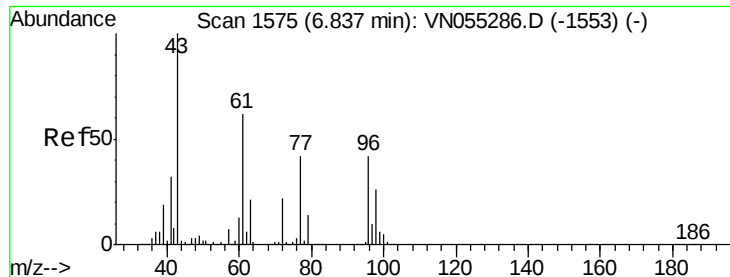
100000

50000

0

Time-->

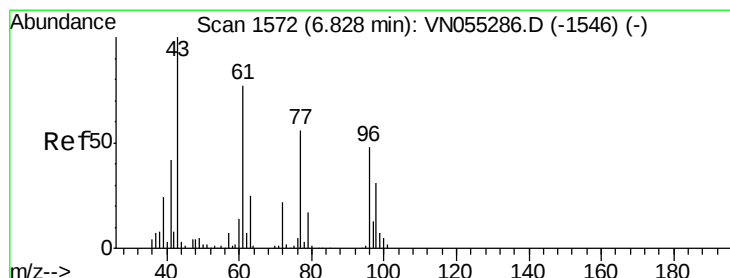
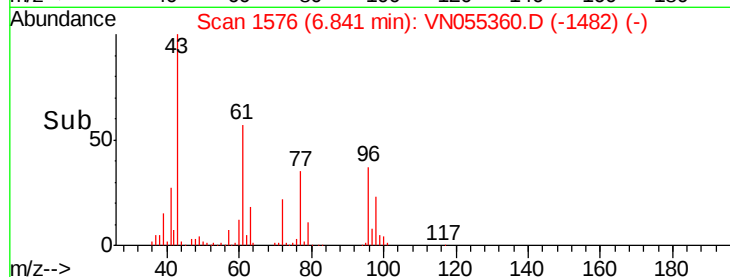
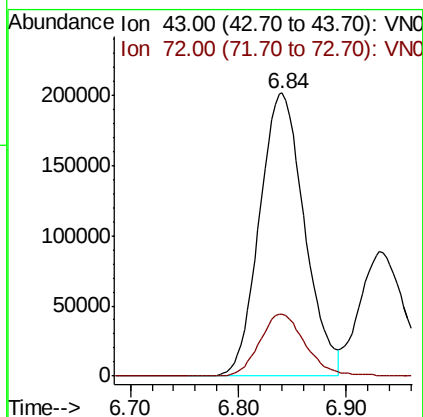
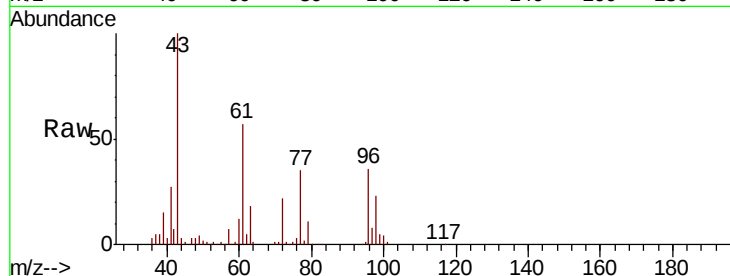




#25  
2-Butanone  
Concen: 284.425 ug/l  
RT: 6.84 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

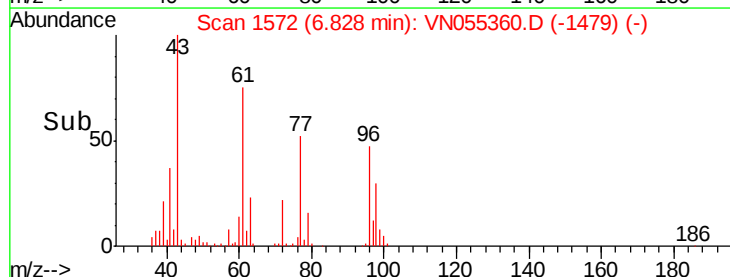
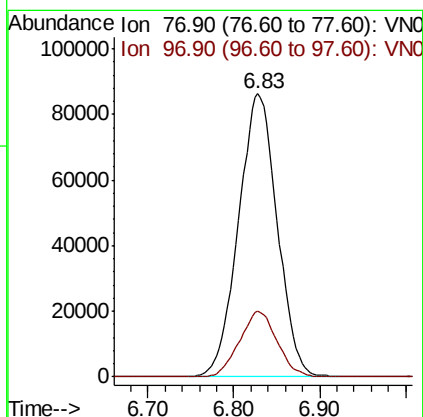
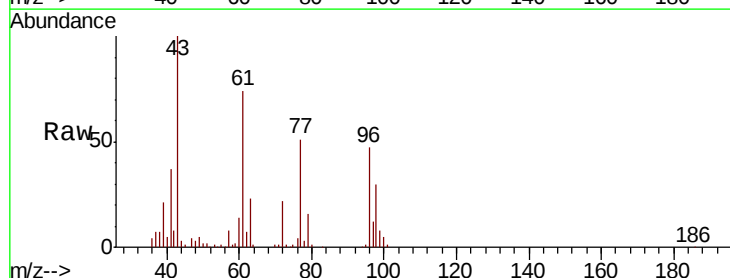
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 580382  
Ion Ratio Lower Upper  
43 100  
72 21.7 18.0 27.0



#26  
2,2-Dichloropropane  
Concen: 46.151 ug/l  
RT: 6.83 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion: 77 Resp: 270187  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 50.400 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

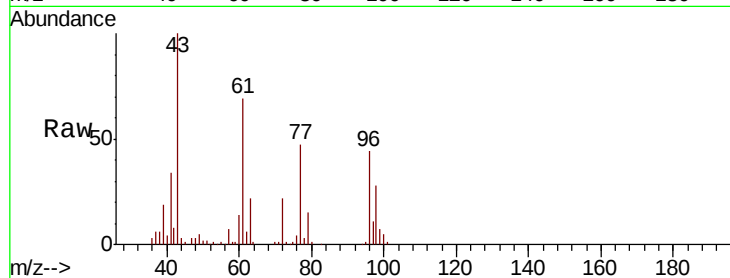
Tot Ion: 96 Resp: 234709

Ion Ratio Lower Upper

96 100

61 157.6 0.0 316.2

98 63.9 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

150000

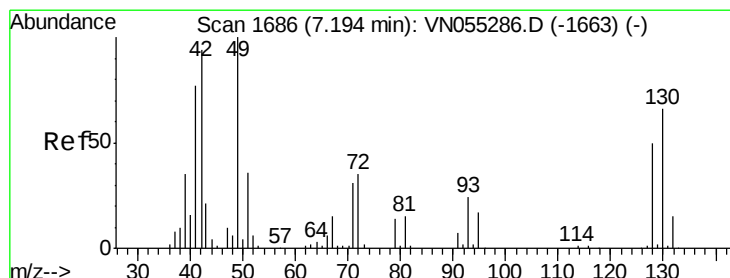
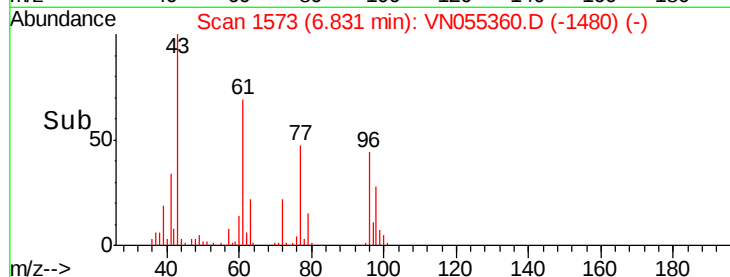
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#28

Bromochloromethane

Concen: 48.746 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

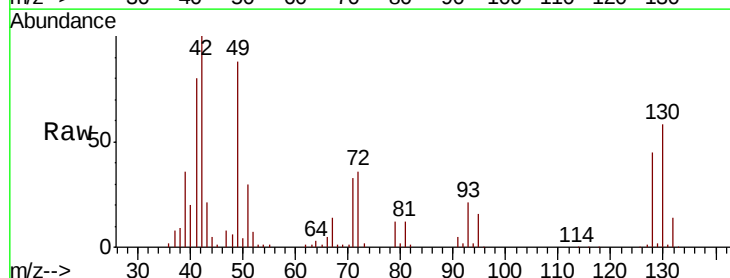
Tgt Ion: 49 Resp: 208312

Ion Ratio Lower Upper

49 100

129 1.8 0.0 2.4

130 64.1 52.0 78.0



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

100000

80000

60000

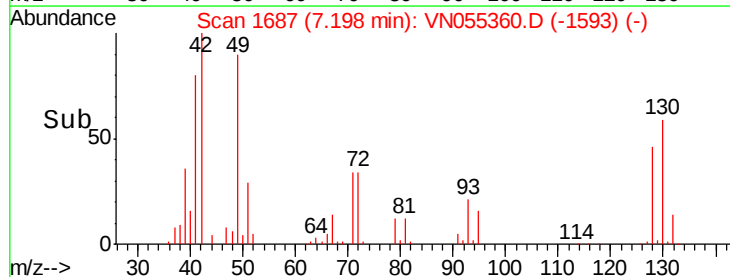
40000

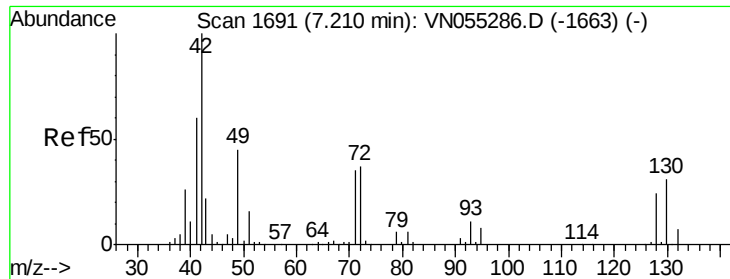
20000

0

7.10 7.20 7.30

Time-->

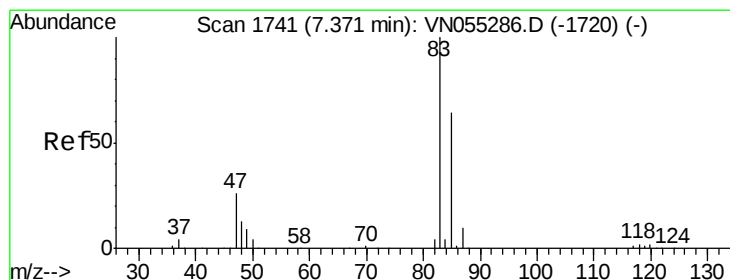
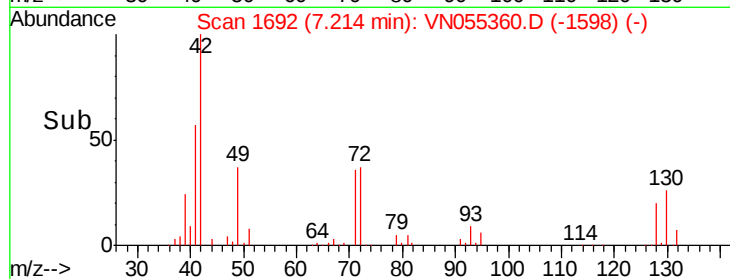
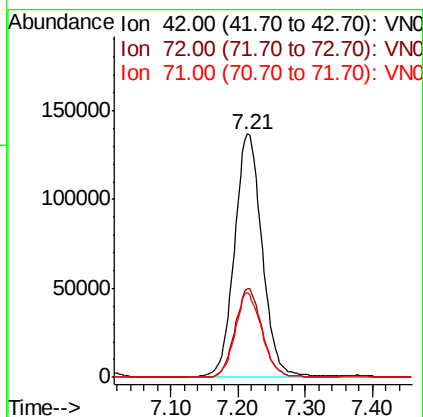
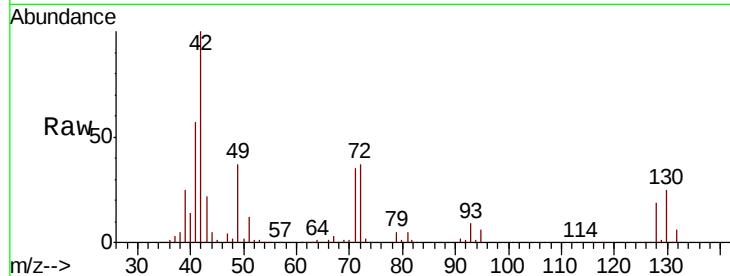




#29  
Tetrahydrofuran  
Concen: 297.956 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

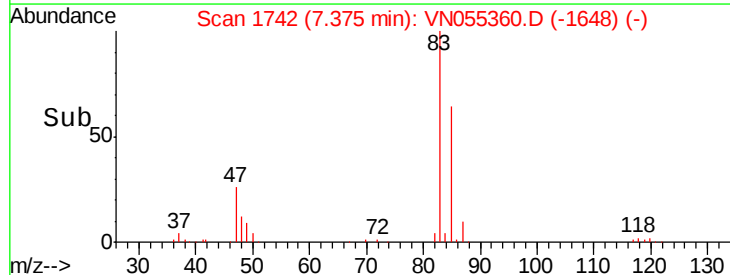
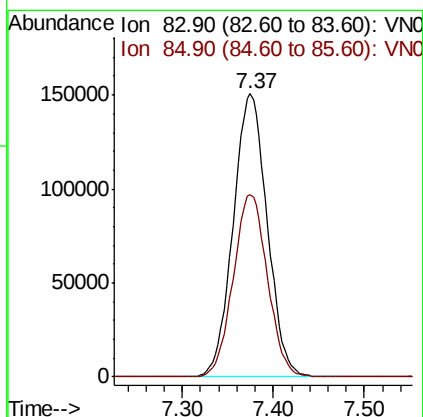
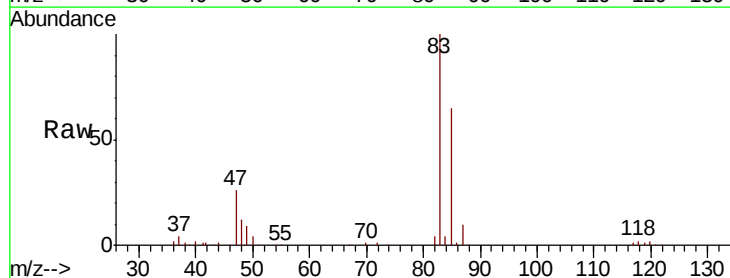
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

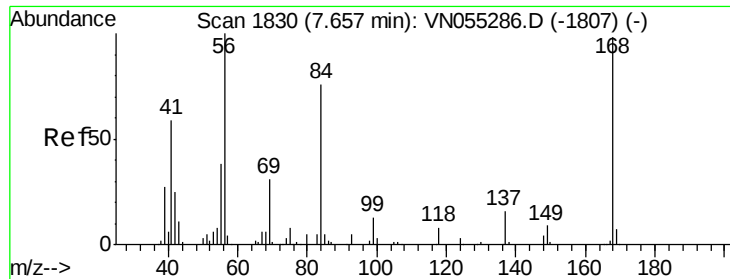
Tot Ion: 42 Resp: 389315  
Ion Ratio Lower Upper  
42 100  
72 35.8 29.0 43.6  
71 33.7 27.1 40.7



#30  
Chloroform  
Concen: 48.649 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion: 83 Resp: 390976  
Ion Ratio Lower Upper  
83 100  
85 64.6 51.4 77.2

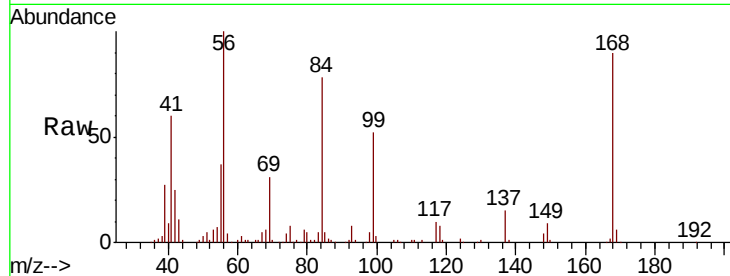




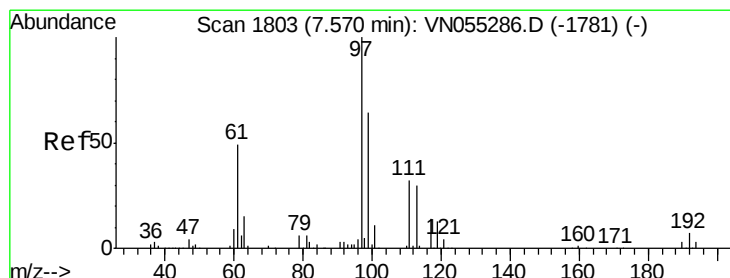
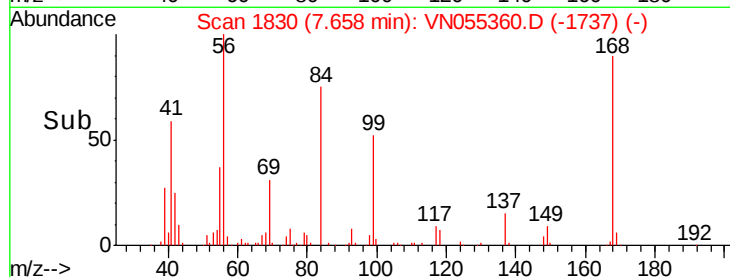
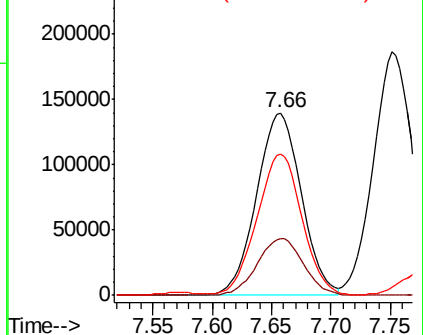
#31  
Cyclohexane  
Concen: 45.293 ug/l  
RT: 7.66 min Scan# 1830  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 56 Resp: 364830  
Ion Ratio Lower Upper  
56 100  
69 31.3 25.2 37.8  
84 76.1 61.1 91.7

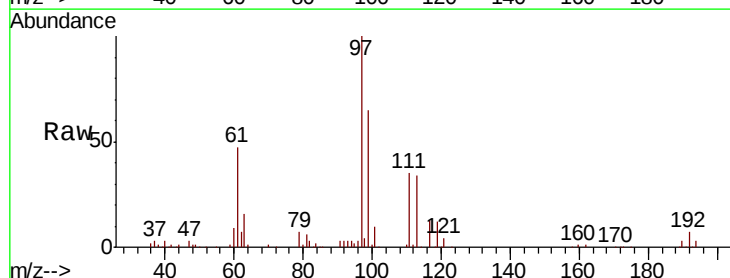


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

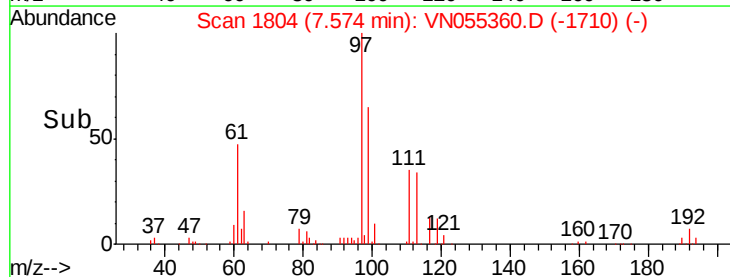
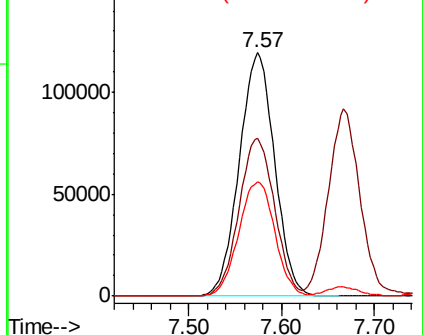


#32  
1,1,1-Trichloroethane  
Concen: 48.512 ug/l  
RT: 7.57 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion: 97 Resp: 316424  
Ion Ratio Lower Upper  
97 100  
99 65.1 51.8 77.8  
61 48.0 39.0 58.6



Abundance Ion 96.90 (96.60 to 97.60): VN0  
Ion 98.90 (98.60 to 99.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.385 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

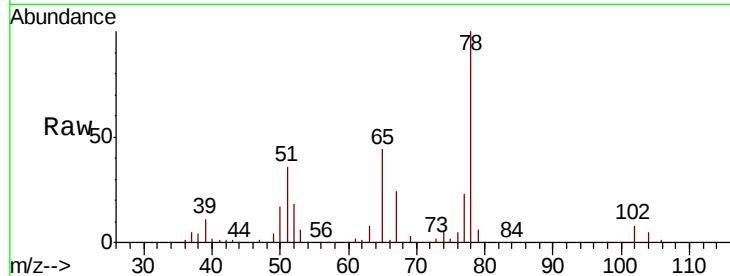
VSTDCCC050EC

Tot Ion: 65 Resp: 263135

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055360.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055360.D (-1852) (-)

8.03

120000

100000

80000

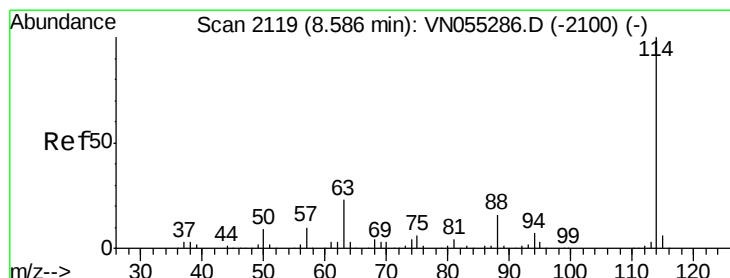
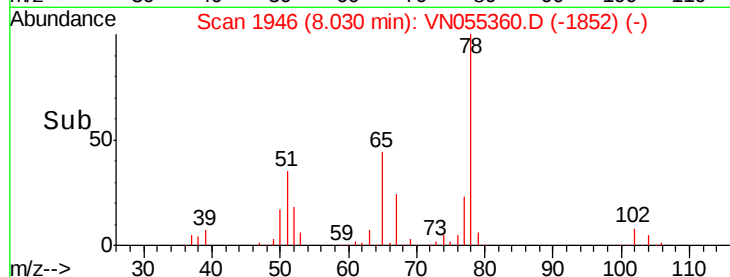
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

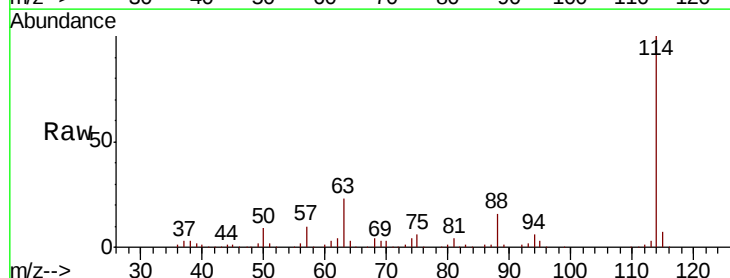
Tgt Ion: 114 Resp: 638252

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN055360.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055360.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055360.D (-2026) (-)

8.59

400000

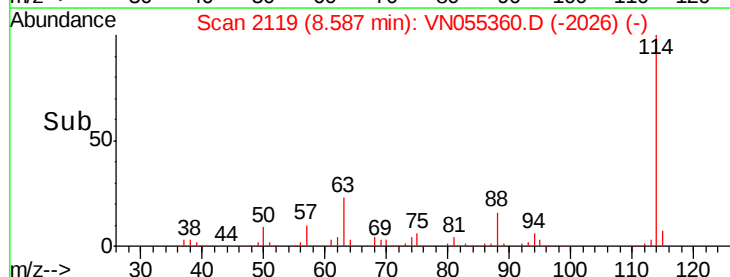
300000

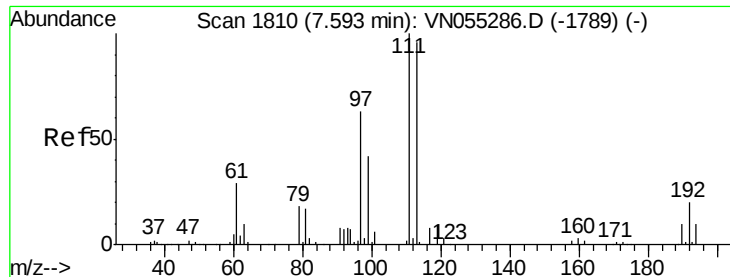
200000

100000

0

Time-->

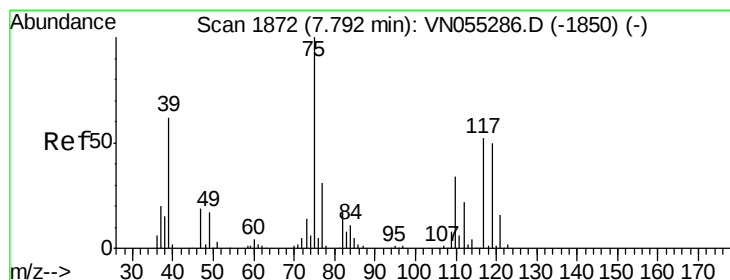
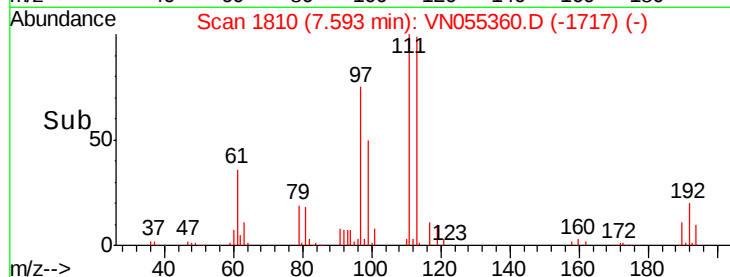
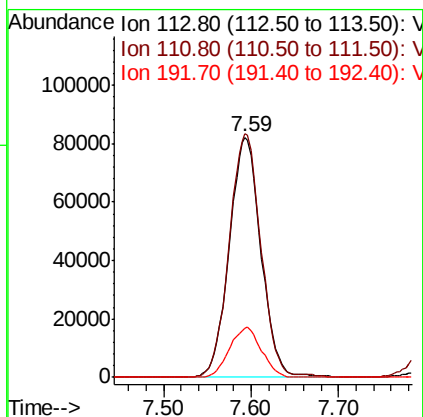
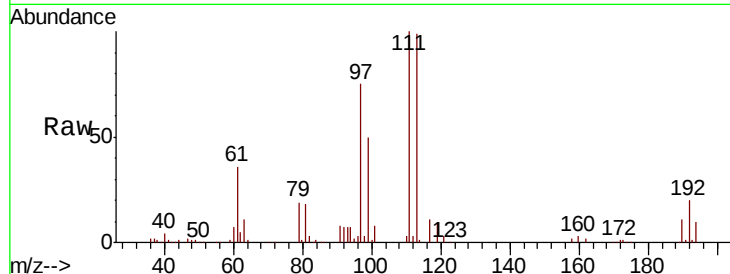




#35  
 Dibromofluoromethane  
 Concen: 49.179 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

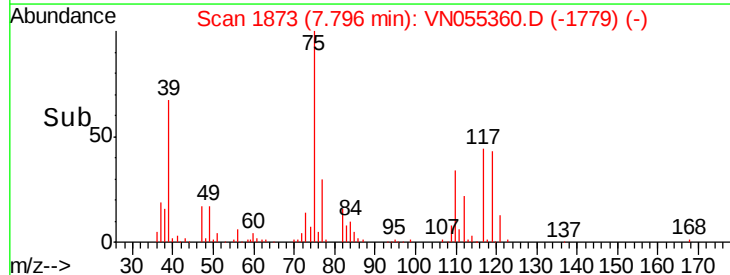
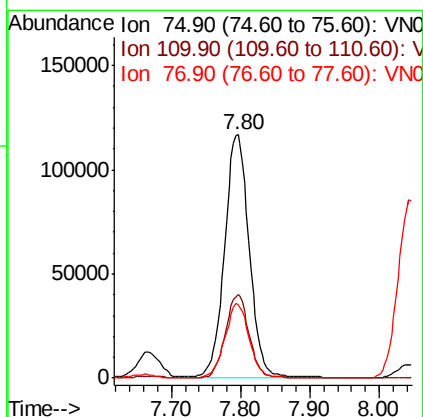
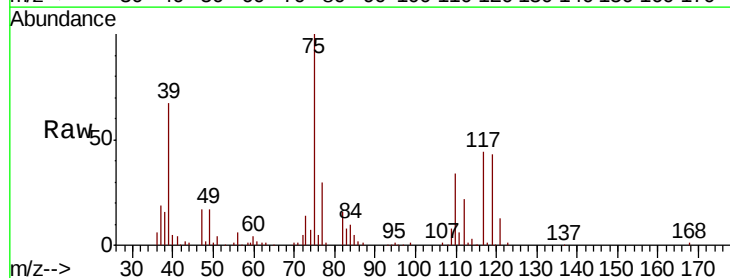
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

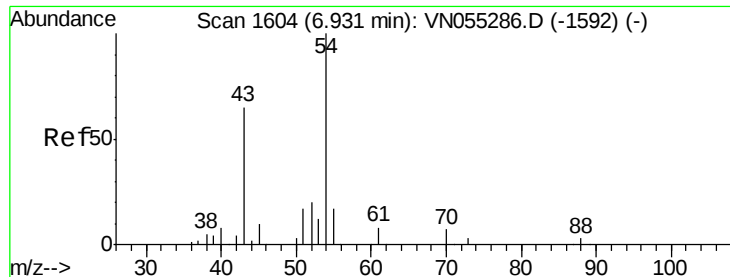
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.0 | 82.3  | 123.5 |
| 192     | 20.9  | 17.0  | 25.6  |



#36  
 1,1-Dichloropropene  
 Concen: 47.610 ug/l  
 RT: 7.80 min Scan# 1873  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 32.9  | 16.8  | 50.4  |
| 77      | 30.4  | 25.0  | 37.6  |

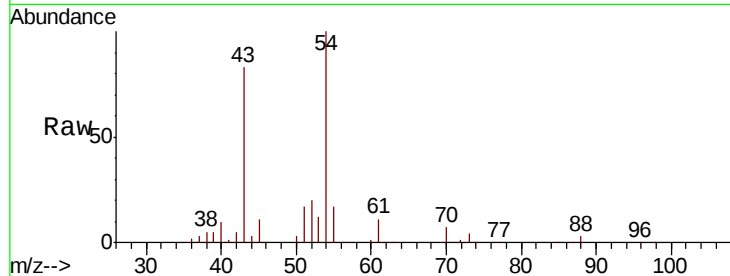




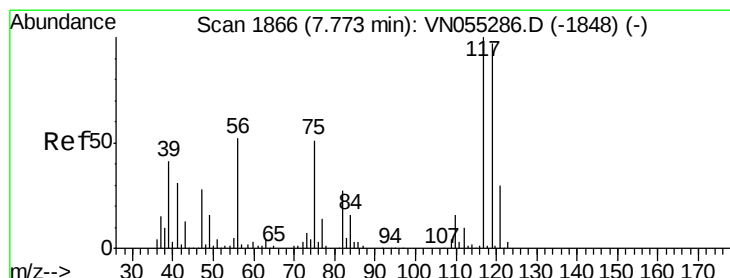
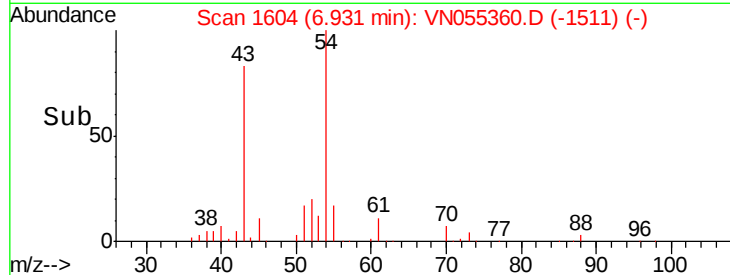
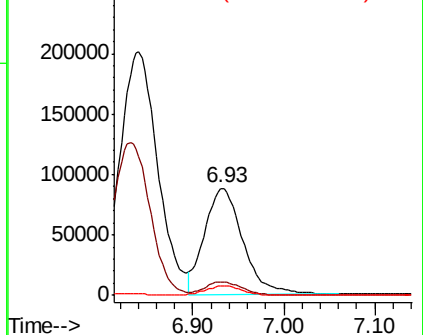
#37  
Ethyl Acetate  
Concen: 54.569 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 255679  
Ion Ratio Lower Upper  
43 100  
61 12.1 10.4 15.6  
70 8.6 6.6 10.0

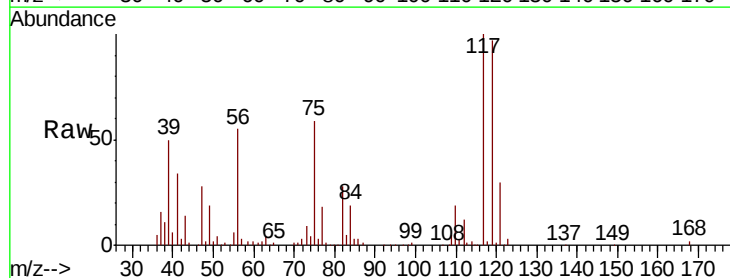


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

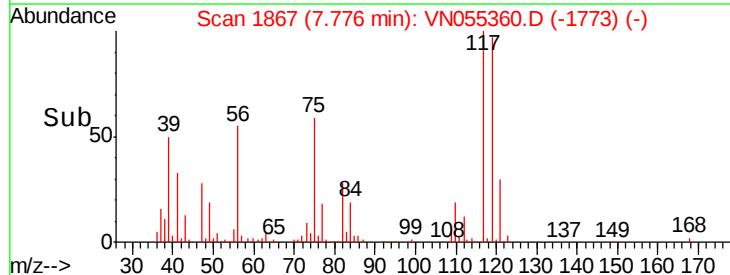
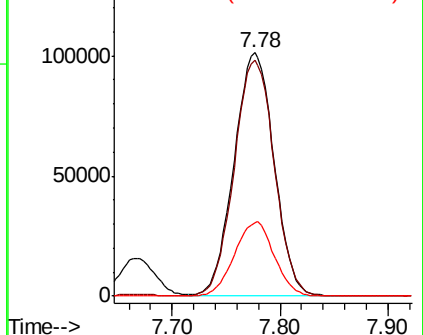


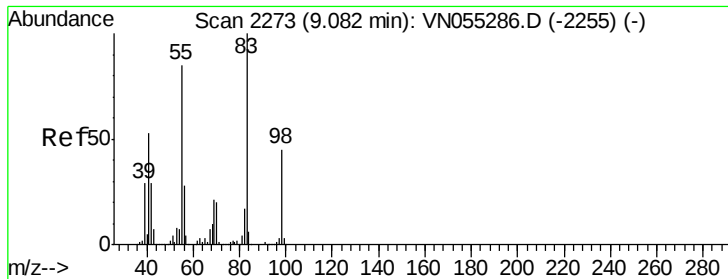
#38  
Carbon Tetrachloride  
Concen: 44.193 ug/l  
RT: 7.78 min Scan# 1867  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion: 117 Resp: 260621  
Ion Ratio Lower Upper  
117 100  
119 96.9 77.0 115.6  
121 30.1 23.8 35.8



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

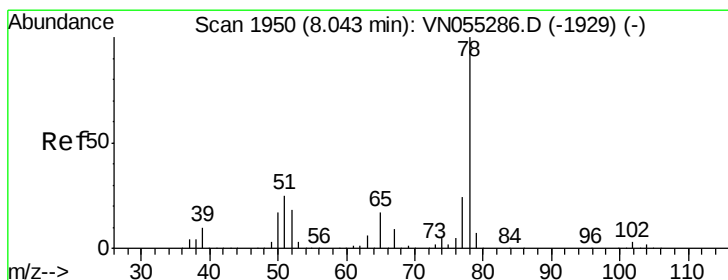
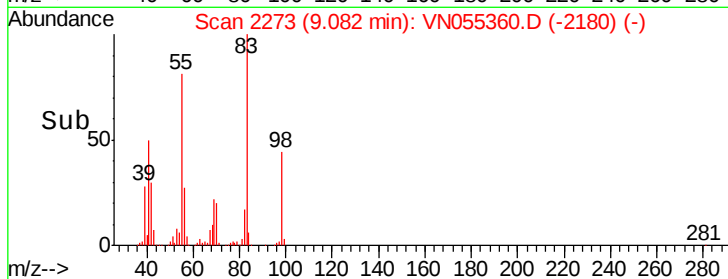
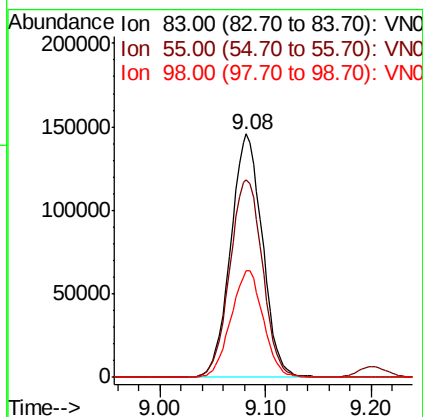
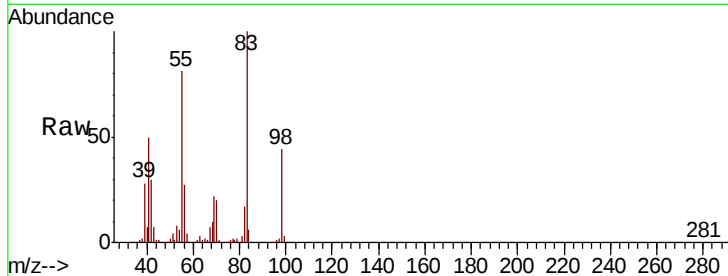




#39  
Methvlcvclohexane  
Concen: 46.581 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

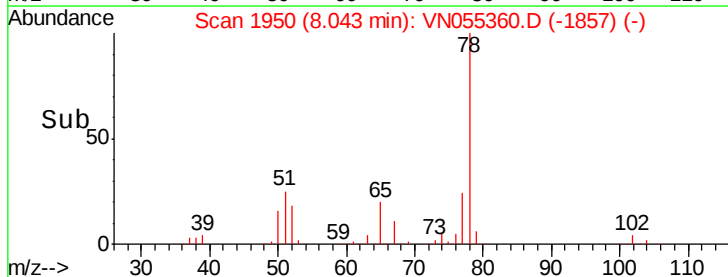
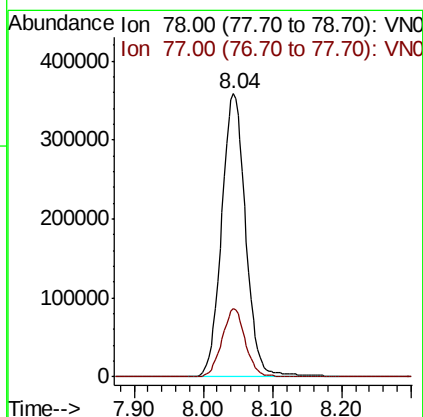
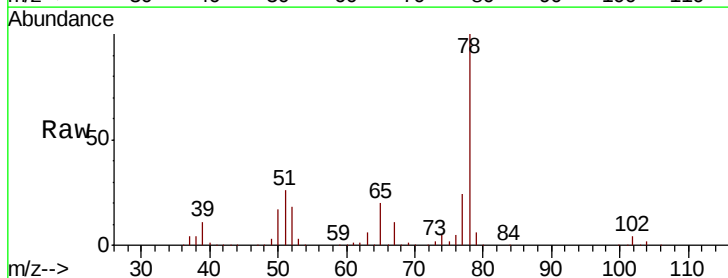
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

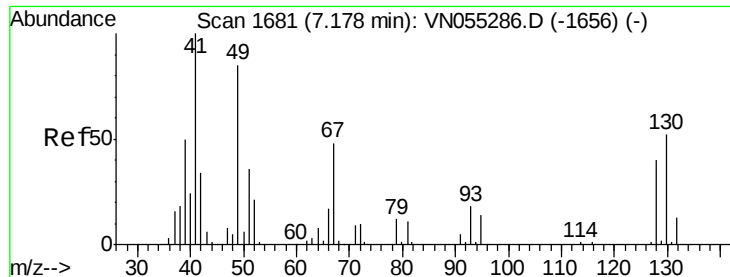
Tot Ion: 83 Resp: 302776  
Ion Ratio Lower Upper  
83 100  
55 81.4 67.8 101.6  
98 43.7 36.2 54.4



#40  
Benzene  
Concen: 48.171 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion: 78 Resp: 868149  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.0 28.6

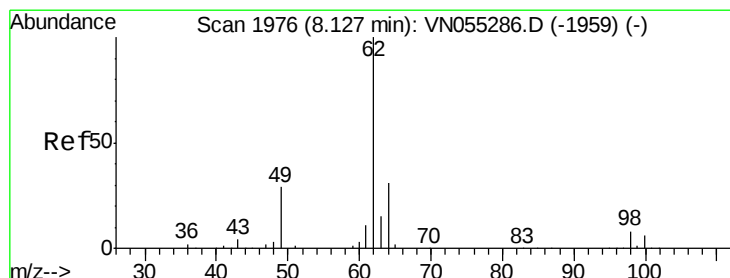
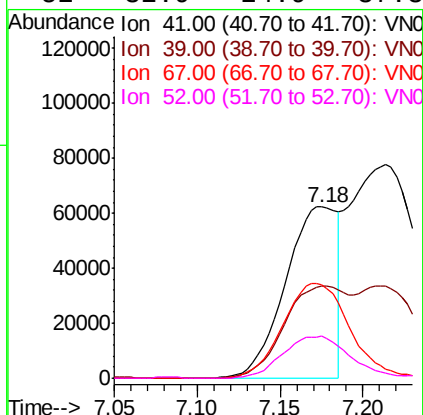
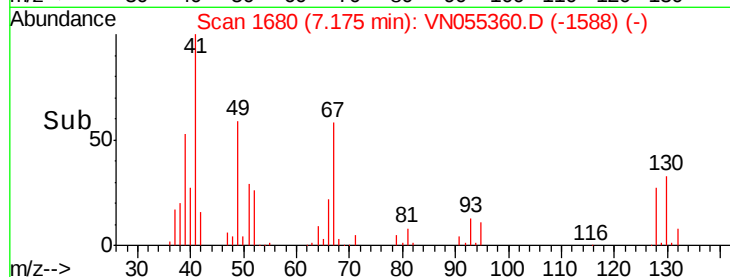
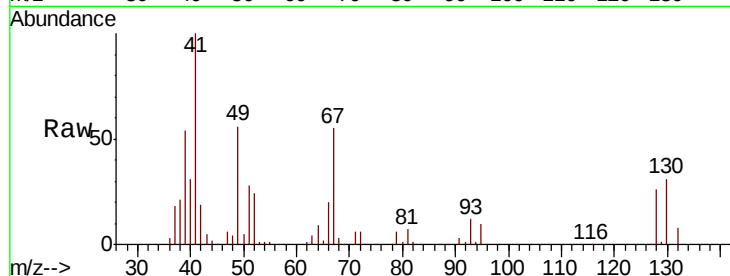




#41  
Methacrylonitrile  
Concen: 53.199 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. -0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

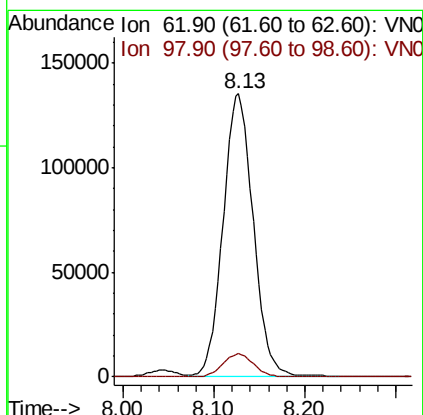
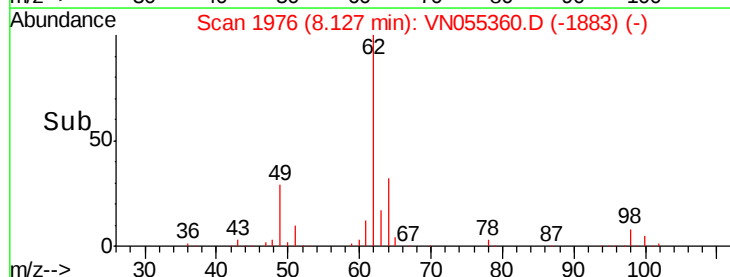
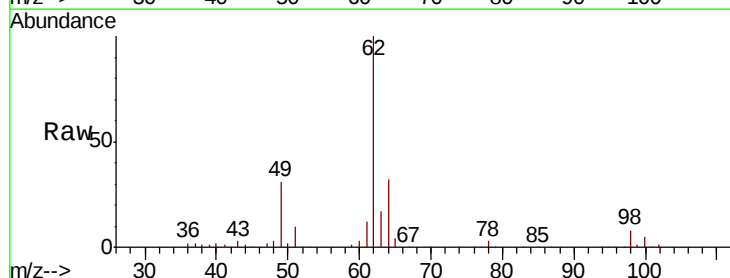
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

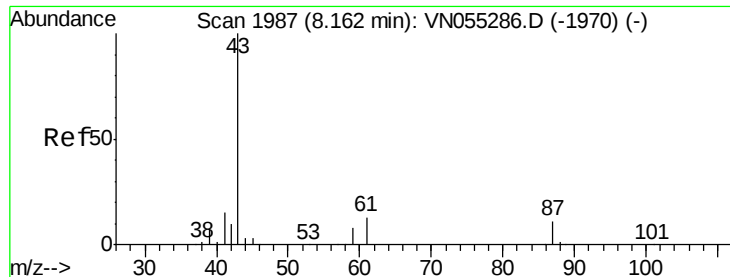
Tot Ion: 41 Resp: 135025  
Ion Ratio Lower Upper  
41 100  
39 68.5 48.5 72.7  
67 71.9 54.9 82.3  
52 32.9 24.9 37.3



#42  
1,2-Dichloroethane  
Concen: 48.691 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion: 62 Resp: 310796  
Ion Ratio Lower Upper  
62 100  
98 8.3 0.0 16.4





#43

Isopropyl Acetate

Concen: 60.259 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

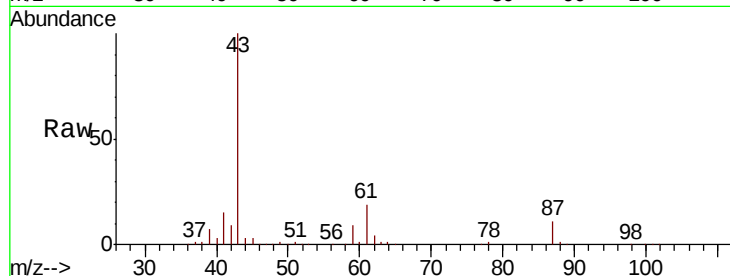
Tot Ion: 43 Resp: 453741

Ion Ratio Lower Upper

43 100

61 24.4 20.8 31.2

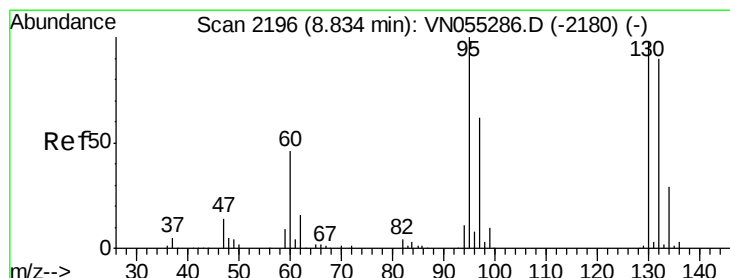
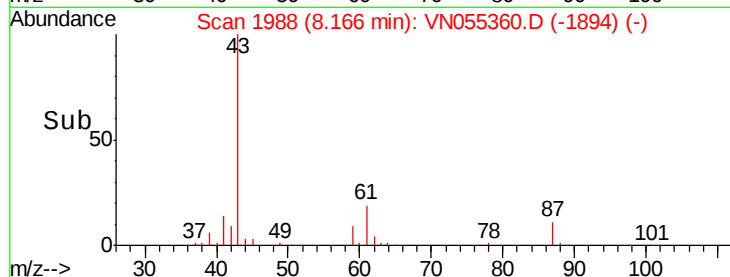
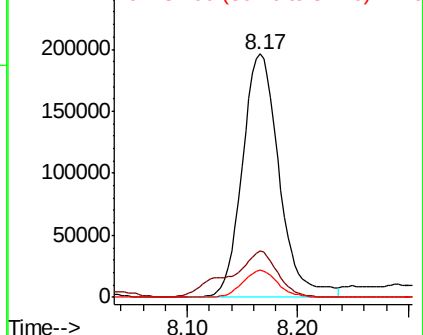
87 10.6 8.5 12.7



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: 47.415 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055360.D

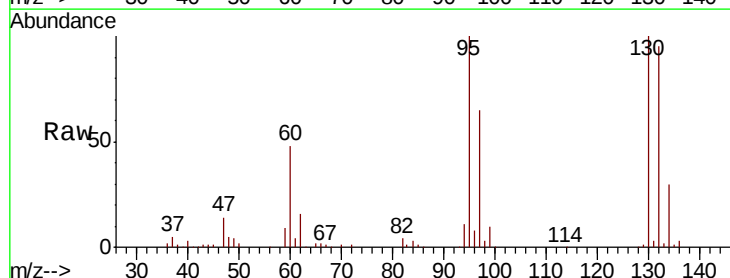
Acq: 2 May 2019 19:41

Tgt Ion:130 Resp: 217840

Ion Ratio Lower Upper

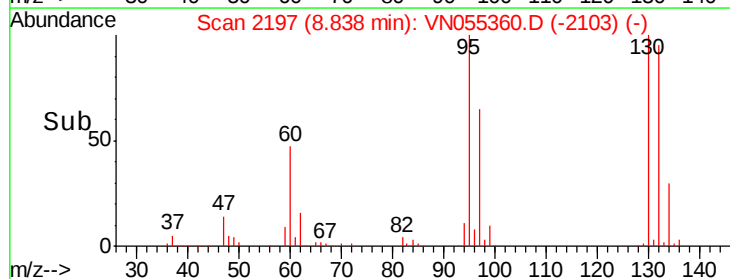
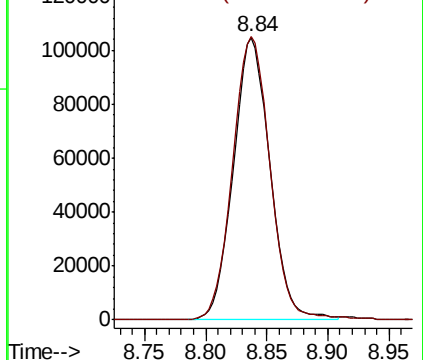
130 100

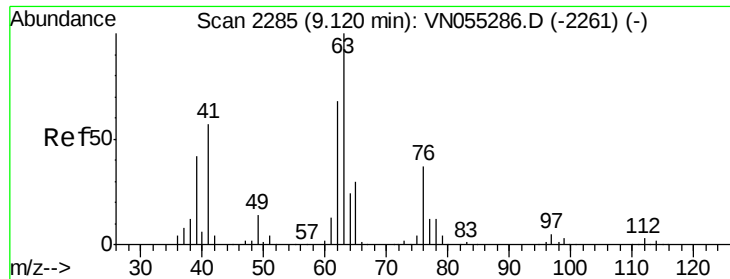
95 100.1 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 49.569 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

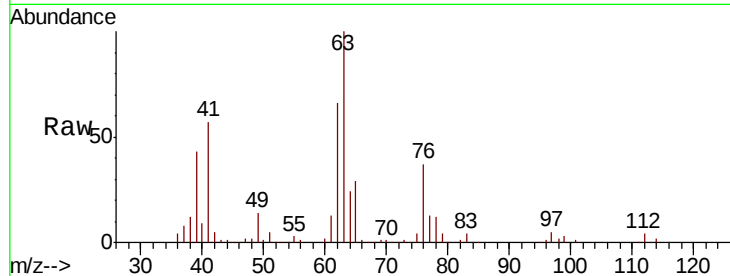
VSTDCCC050EC

Tot Ion: 63 Resp: 257651

Ion Ratio Lower Upper

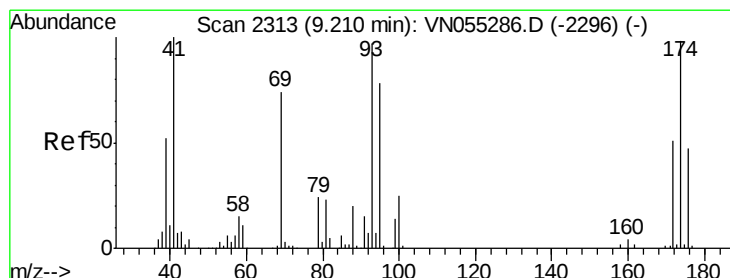
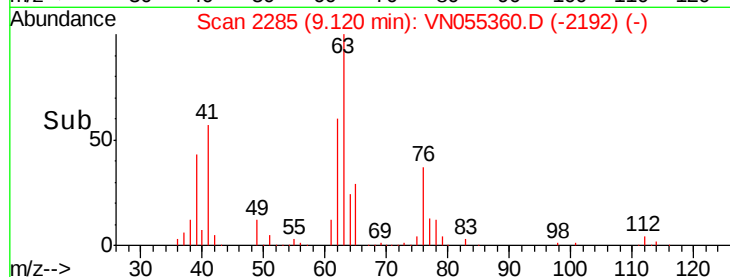
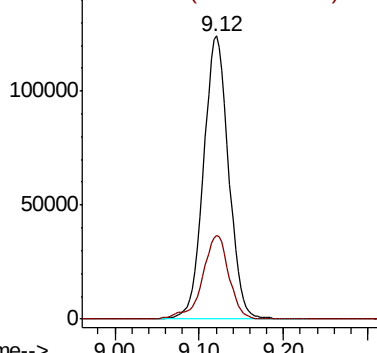
63 100

65 29.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 49.070 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

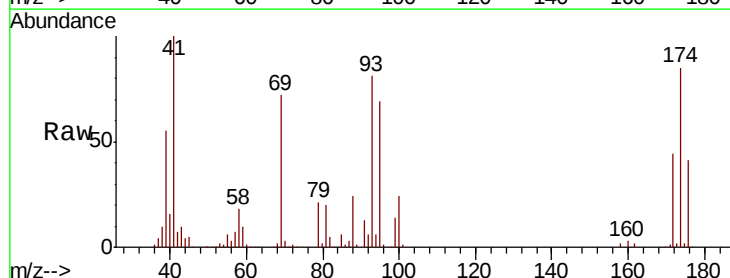
Tgt Ion: 93 Resp: 139416

Ion Ratio Lower Upper

93 100

95 82.5 65.7 98.5

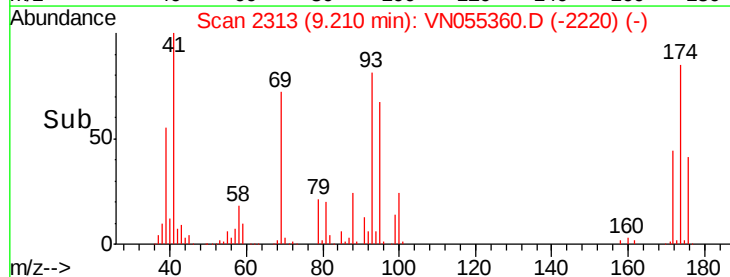
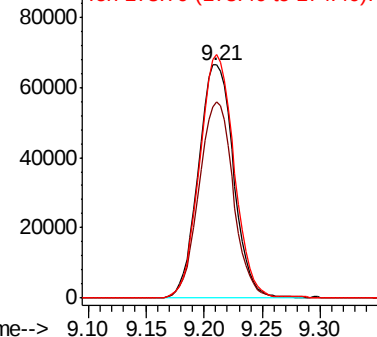
174 102.7 81.5 122.3



Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 48.394 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

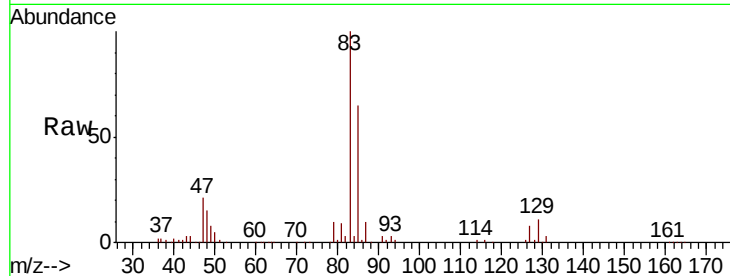
Tot Ion: 83 Resp: 294973

Ion Ratio Lower Upper

83 100

85 65.3 50.1 75.1

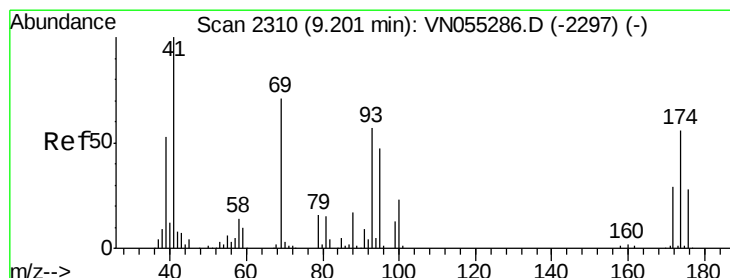
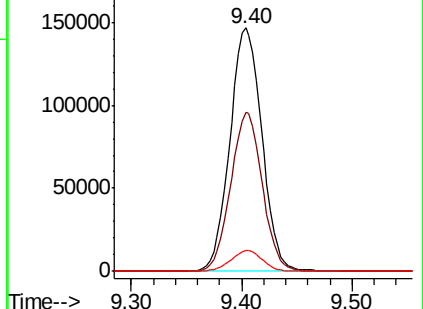
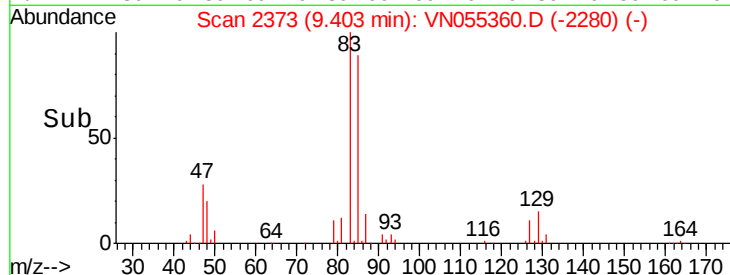
127 8.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055360.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055360.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055360.D (-2280) (-)



#48

Methyl methacrylate

Concen: 56.766 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

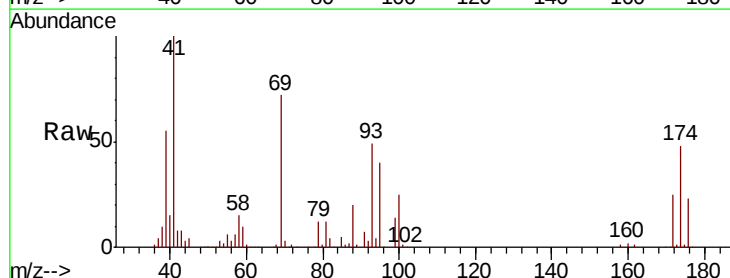
Tgt Ion: 41 Resp: 210130

Ion Ratio Lower Upper

41 100

69 74.6 58.6 87.8

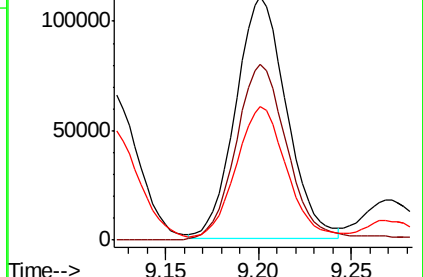
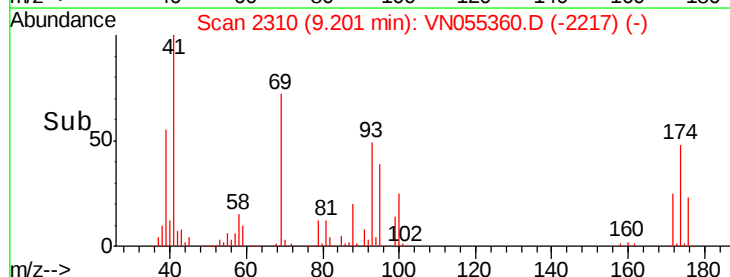
39 54.8 43.8 65.6

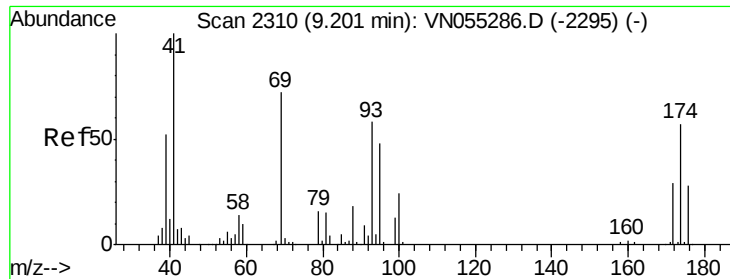


Abundance Ion 41.00 (40.70 to 41.70): VN055360.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055360.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055360.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1217.209 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

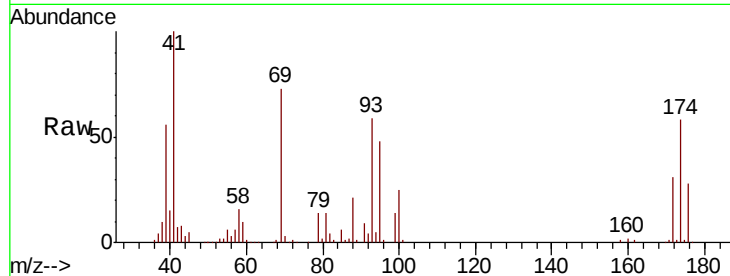
Tot Ion: 88 Resp: 46577

Ion Ratio Lower Upper

88 100

43 39.8 33.3 49.9

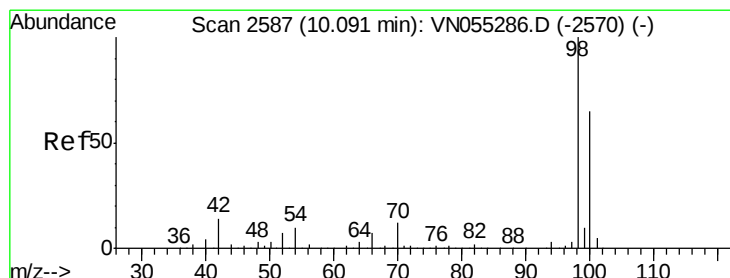
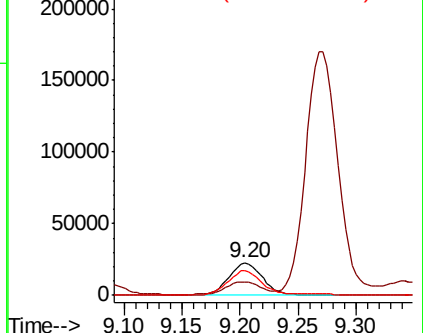
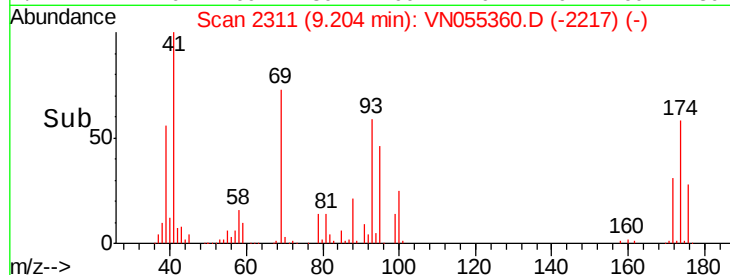
58 77.7 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): VN055360.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN055360.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN055360.D (-2217) (-)



#50

Toluene-d8

Concen: 49.063 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055360.D

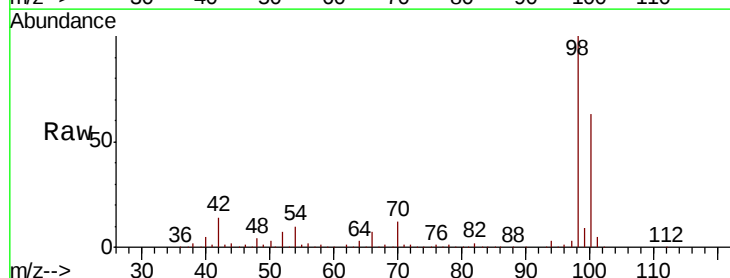
Acq: 2 May 2019 19:41

Tgt Ion: 98 Resp: 742182

Ion Ratio Lower Upper

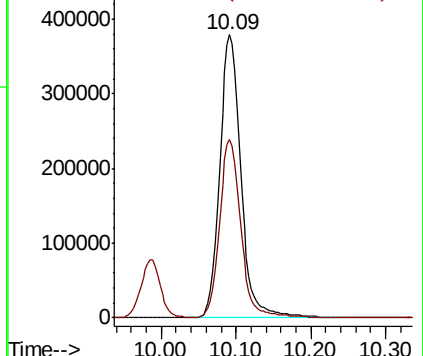
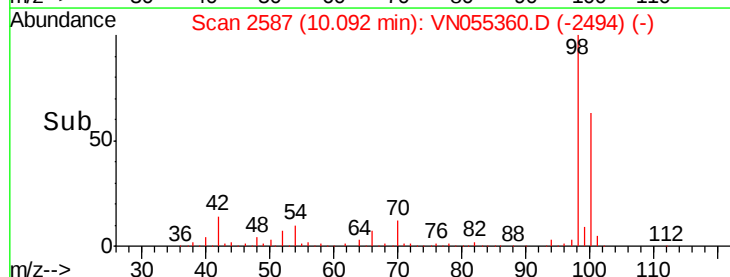
98 100

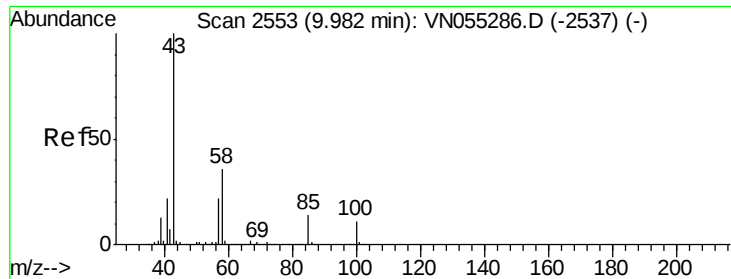
100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055360.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055360.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 291.647 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

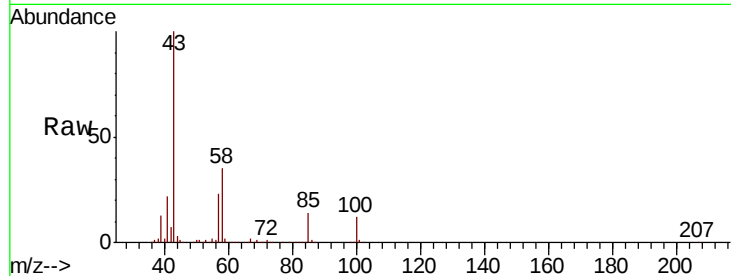
VSTDCCC050EC

Tot Ion: 43 Resp: 1236409

Ion Ratio Lower Upper

43 100

58 35.0 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-2537) (-)

9.99

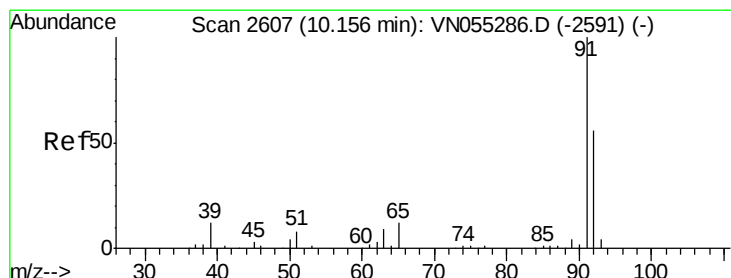
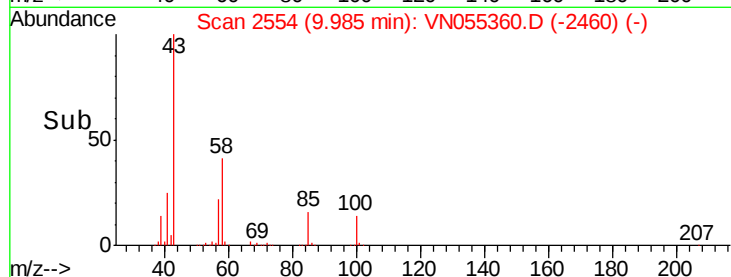
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.640 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055360.D

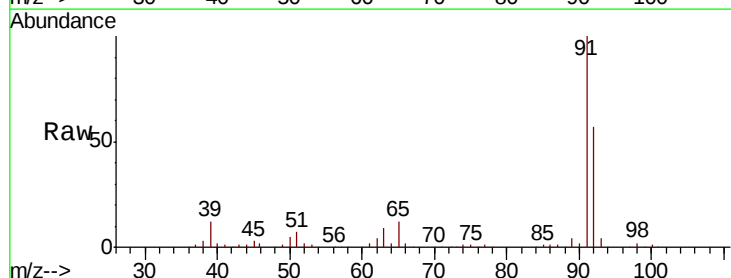
Acq: 2 May 2019 19:41

Tgt Ion: 92 Resp: 502968

Ion Ratio Lower Upper

92 100

91 175.6 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN055286.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055286.D (-2591) (-)

10.16

500000

400000

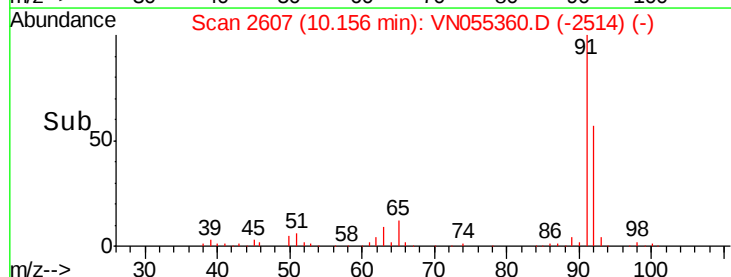
300000

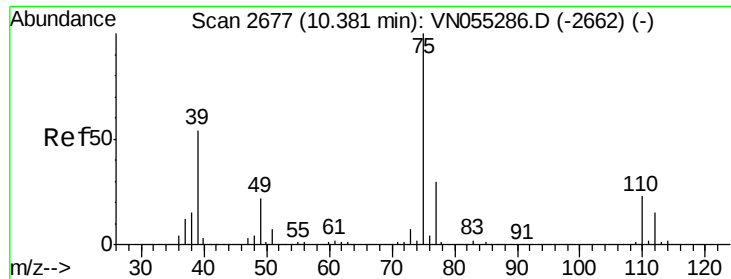
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.279 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

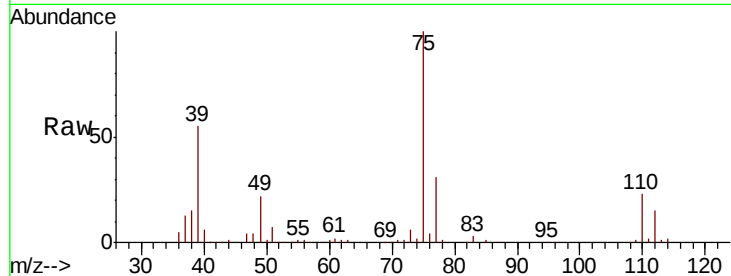
VSTDCCC050EC

Tot Ion: 75 Resp: 287204

Ion Ratio Lower Upper

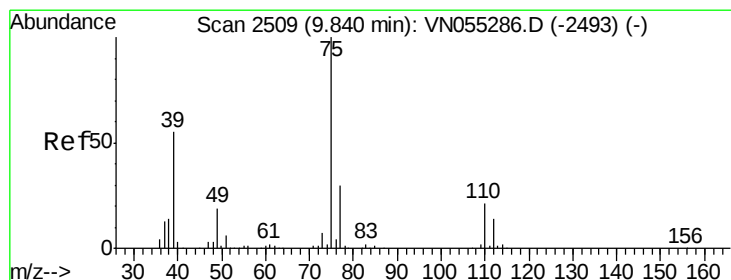
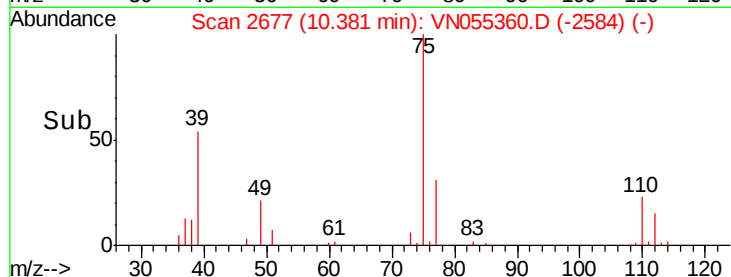
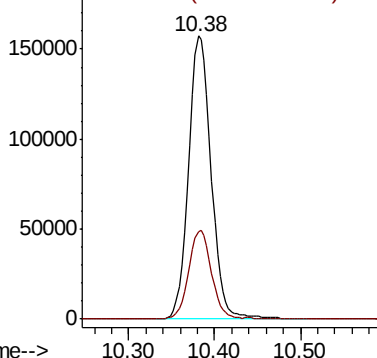
75 100

77 31.0 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 52.068 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

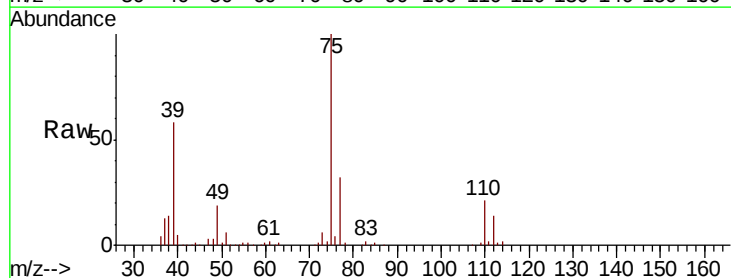
Tgt Ion: 75 Resp: 343504

Ion Ratio Lower Upper

75 100

77 32.3 24.2 36.2

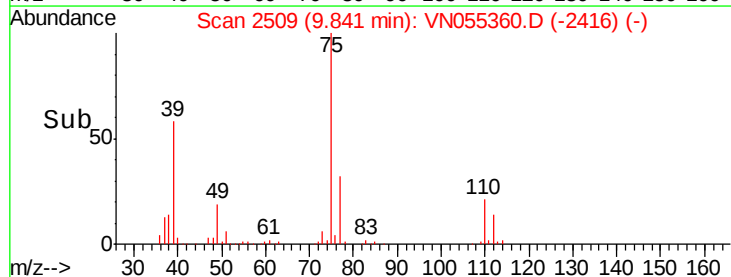
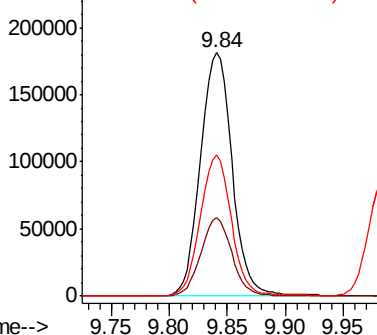
39 57.7 44.2 66.2

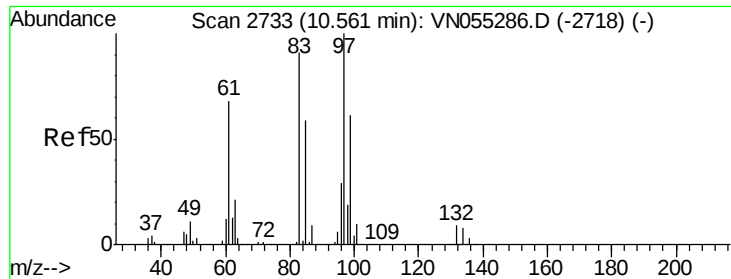


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 51.498 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 197744

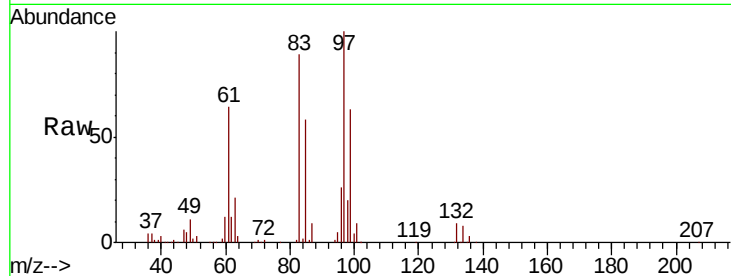
Ion Ratio Lower Upper

97 100

83 89.1 72.8 109.2

85 57.5 47.0 70.6

99 62.4 49.0 73.4

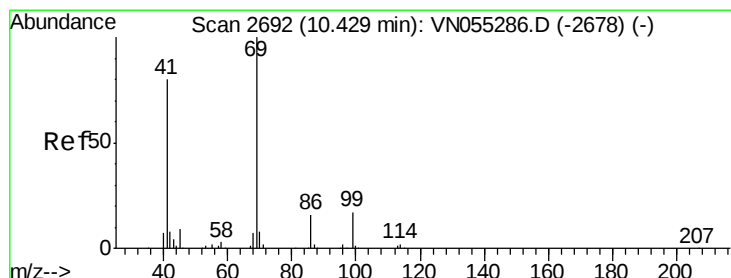
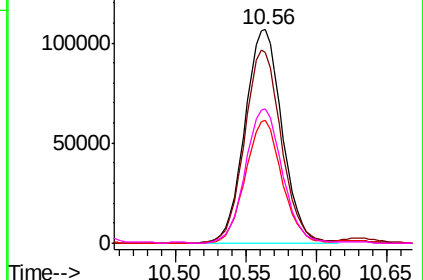
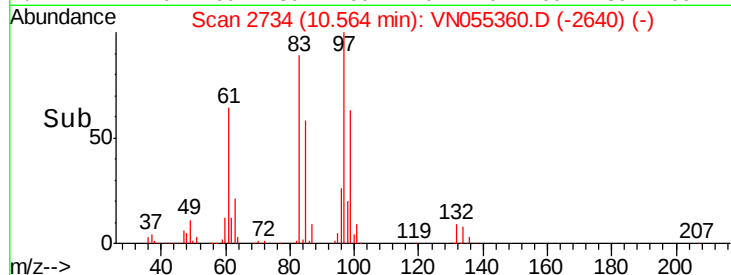


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 58.481 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

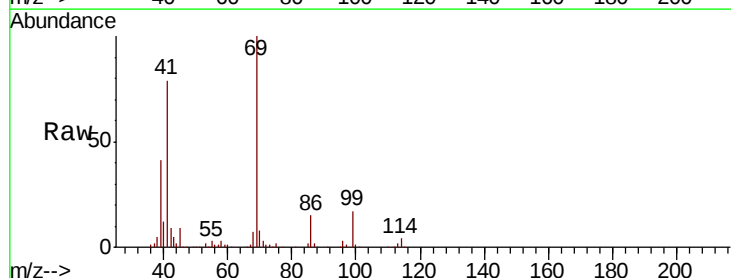
Tgt Ion: 69 Resp: 276396

Ion Ratio Lower Upper

69 100

41 78.2 62.7 94.1

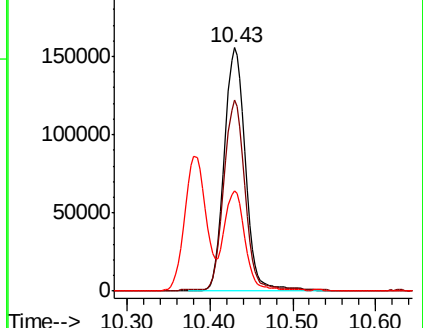
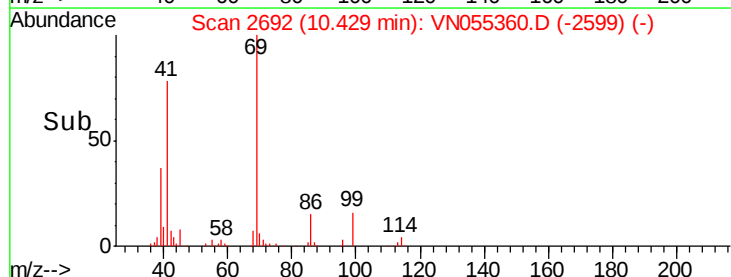
39 40.9 32.0 48.0

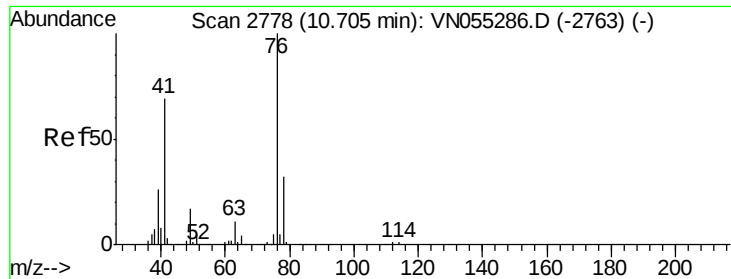


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 51.109 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

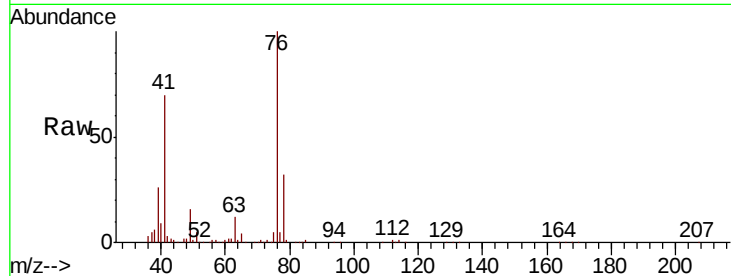
VSTDCCC050EC

Tot Ion: 76 Resp: 344278

Ion Ratio Lower Upper

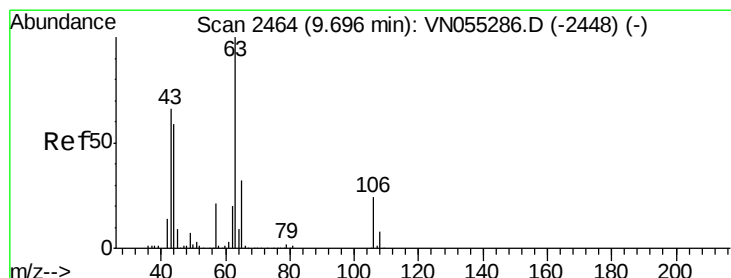
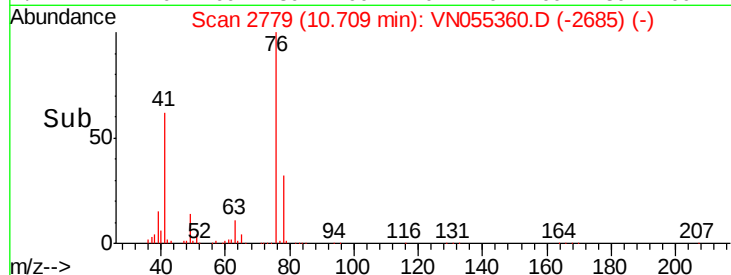
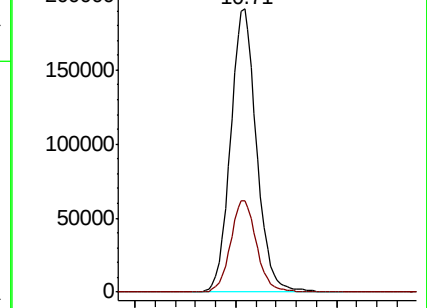
76 100

78 32.5 25.6 38.4



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: 270.162 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055360.D

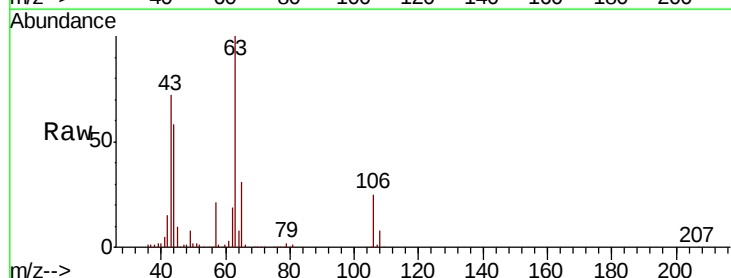
Acq: 2 May 2019 19:41

Tgt Ion: 63 Resp: 397815

Ion Ratio Lower Upper

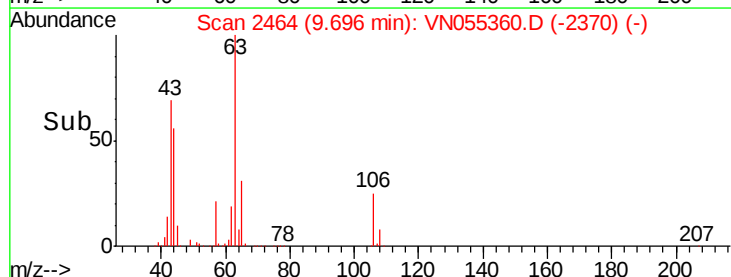
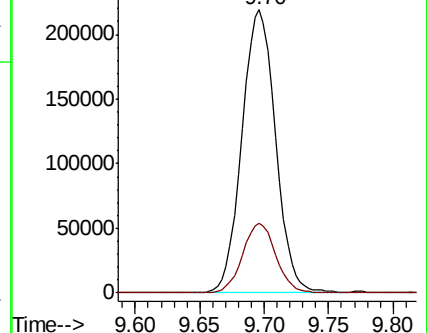
63 100

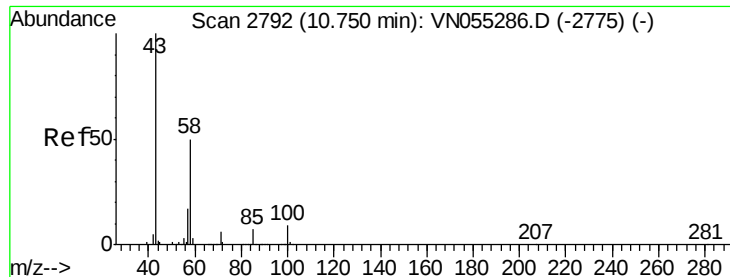
106 24.3 19.0 28.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

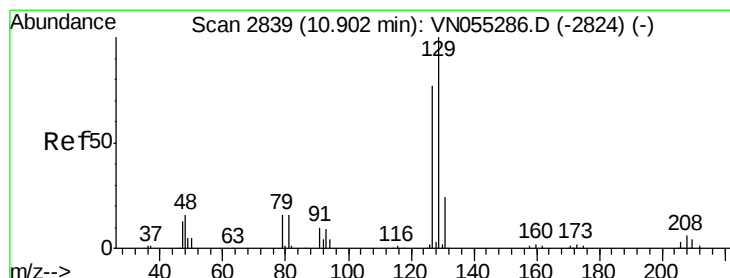
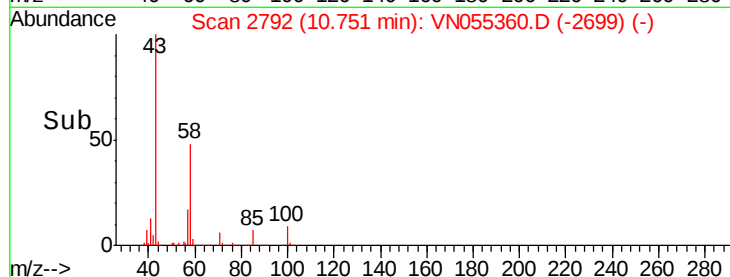
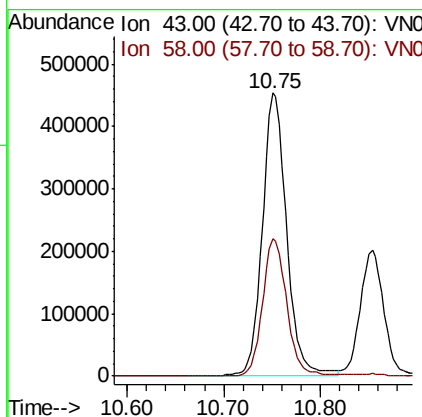
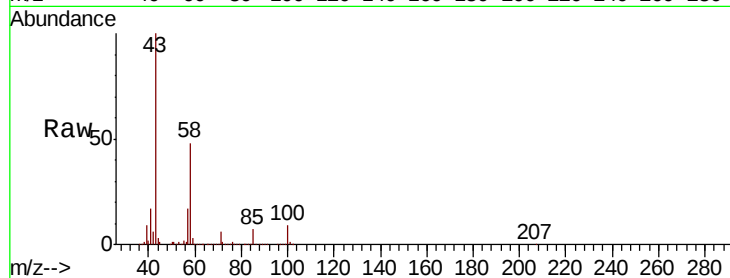




#59  
2-Hexanone  
Concen: 297.756 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

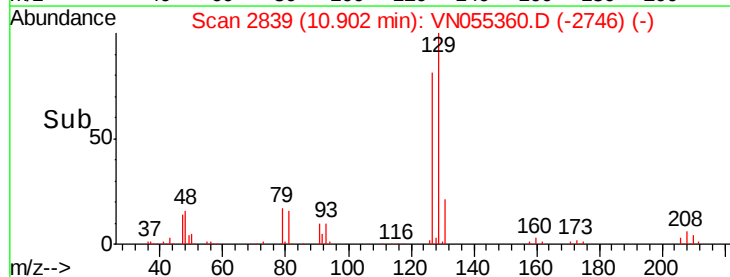
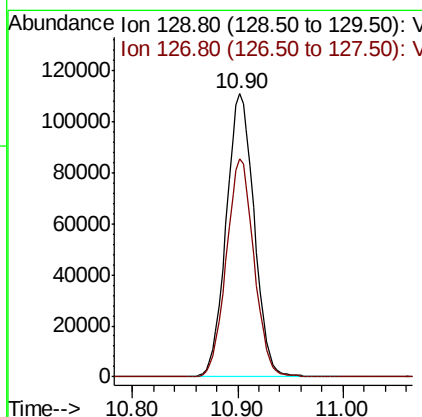
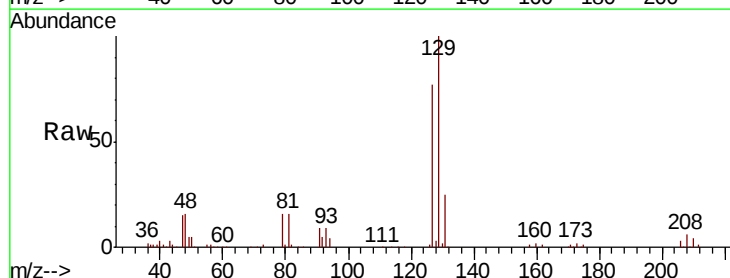
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

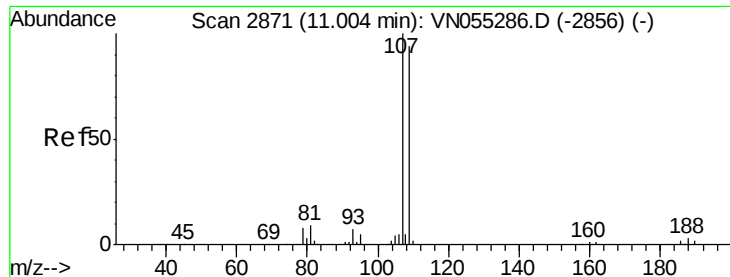
Tot Ion: 43 Resp: 789808  
Ion Ratio Lower Upper  
43 100  
58 48.8 24.9 74.6



#60  
Dibromochloromethane  
Concen: 51.792 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion: 129 Resp: 203258  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.1 114.5

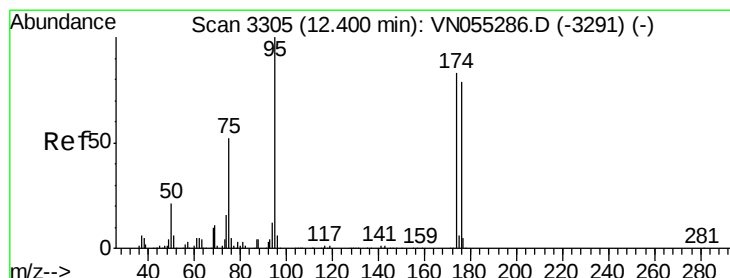
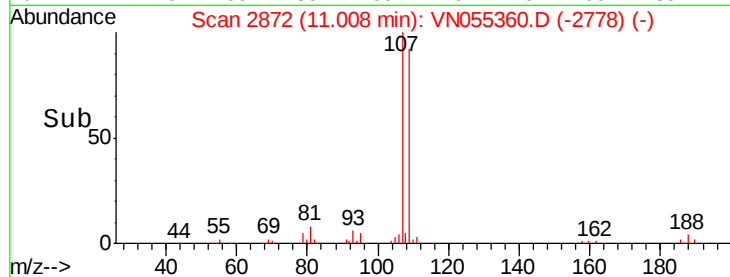
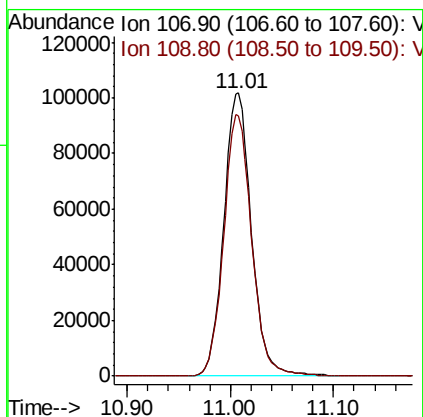
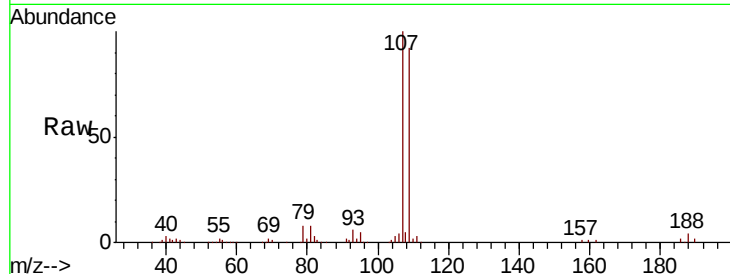




#61  
 1,2-Dibromoethane  
 Concen: 53.532 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

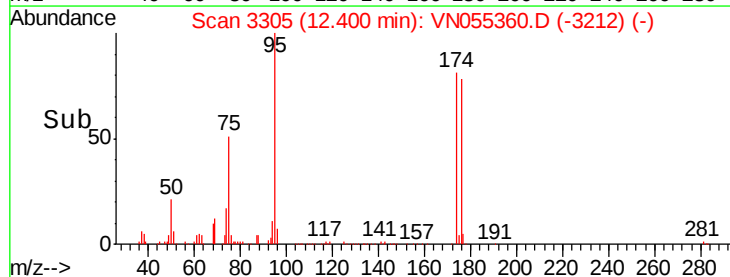
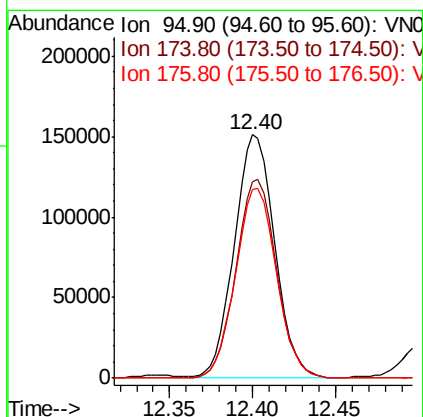
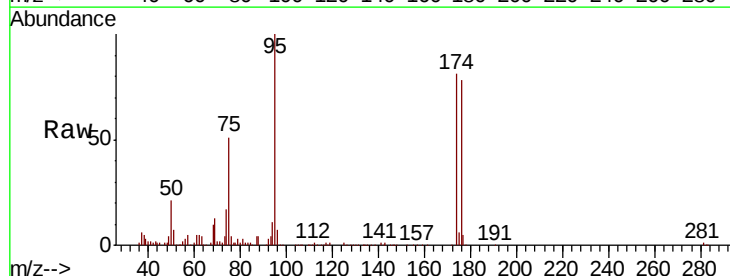
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

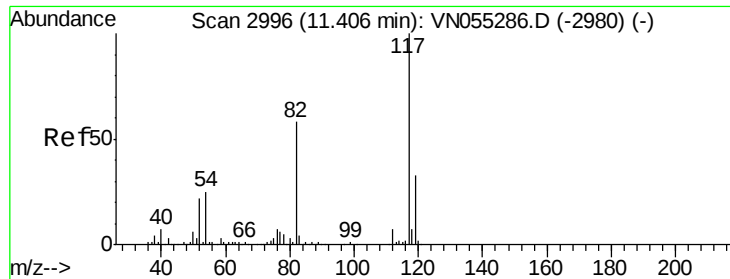
Tot Ion: 107 Resp: 189995  
 Ion Ratio Lower Upper  
 107 100  
 109 93.5 75.0 112.6



#62  
 4-Bromofluorobenzene  
 Concen: 53.879 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

Tgt Ion: 95 Resp: 254724  
 Ion Ratio Lower Upper  
 95 100  
 174 82.7 0.0 166.6  
 176 79.9 0.0 157.8

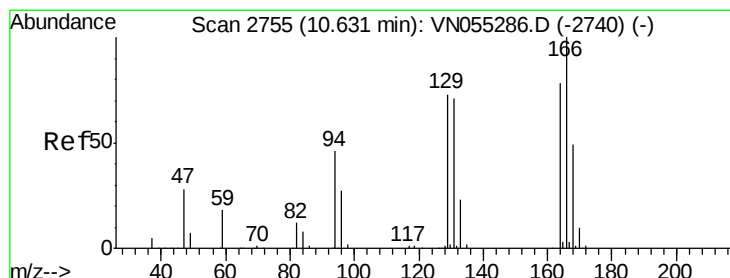
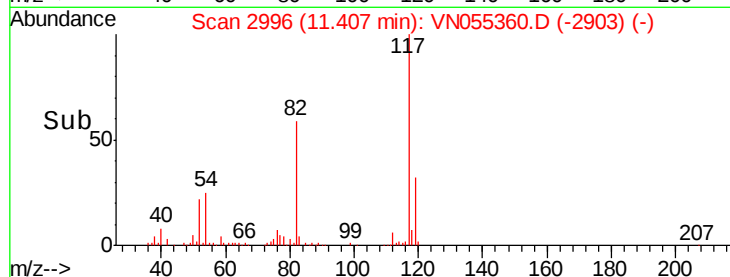
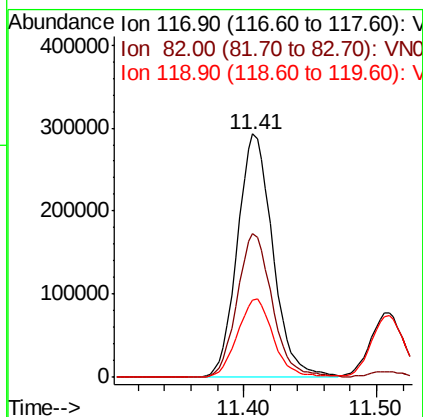
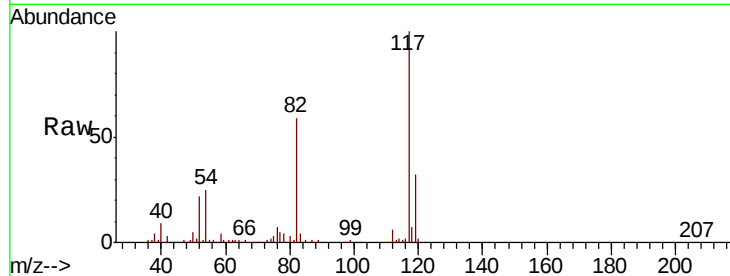




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

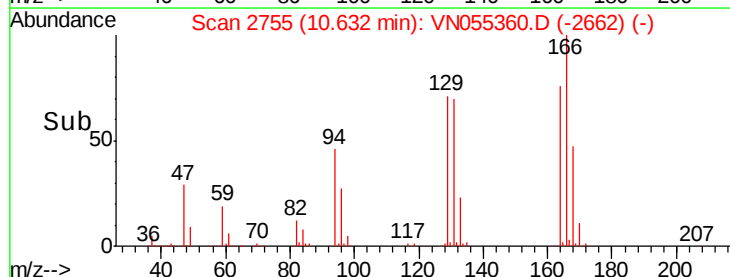
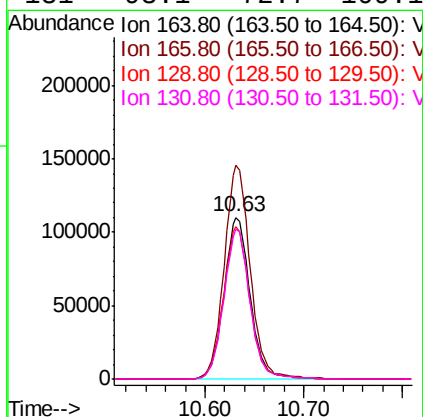
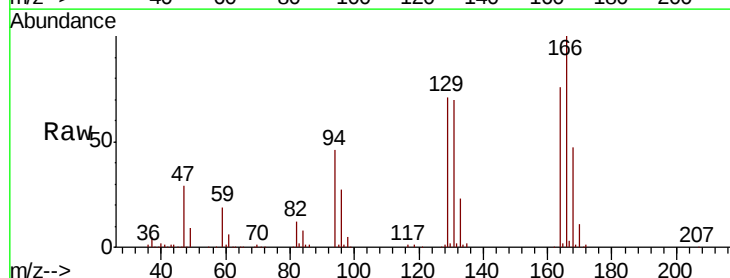
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

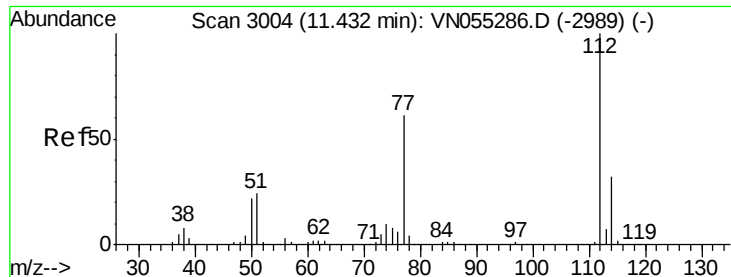
Tot Ion:117 Resp: 542975  
Ion Ratio Lower Upper  
117 100  
82 58.9 46.2 69.4  
119 31.9 26.6 40.0



#64  
Tetrachloroethene  
Concen: 46.049 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion:164 Resp: 204470  
Ion Ratio Lower Upper  
164 100  
166 132.3 102.3 153.5  
129 94.5 75.0 112.6  
131 93.1 72.7 109.1





#65

Chlorobenzene

Concen: 48.465 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

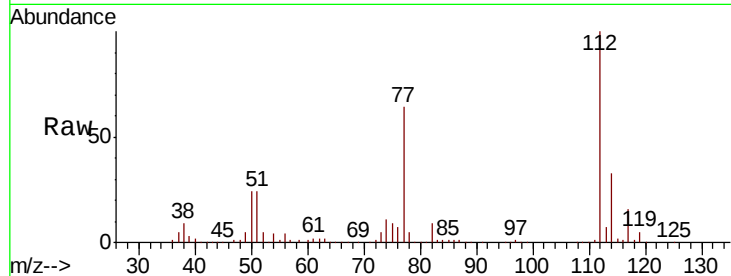
VSTDCCC050EC

Tot Ion:112 Resp: 514504

Ion Ratio Lower Upper

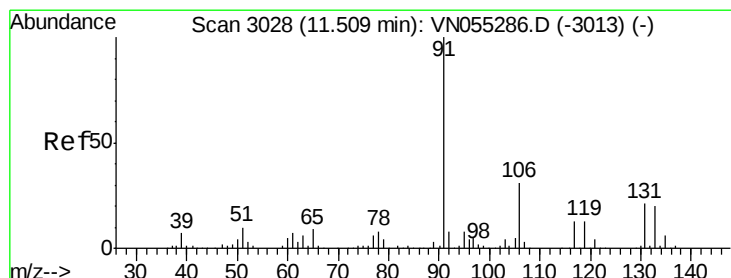
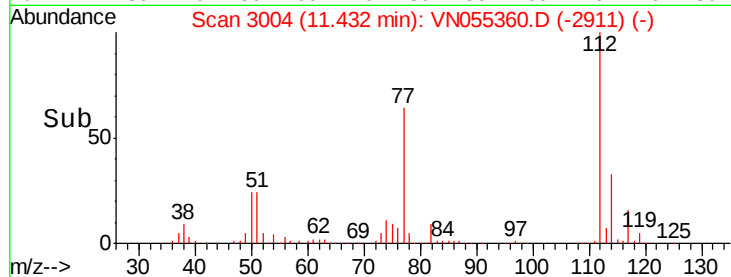
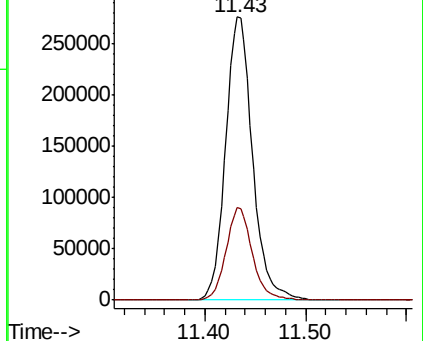
112 100

114 32.6 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.930 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

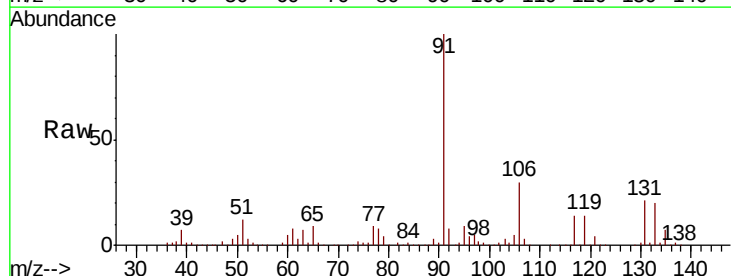
Tgt Ion:131 Resp: 199238

Ion Ratio Lower Upper

131 100

133 96.8 47.5 142.6

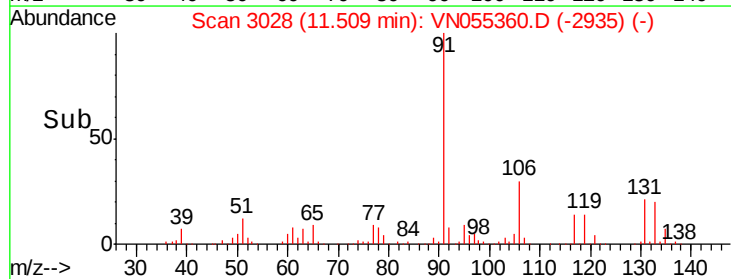
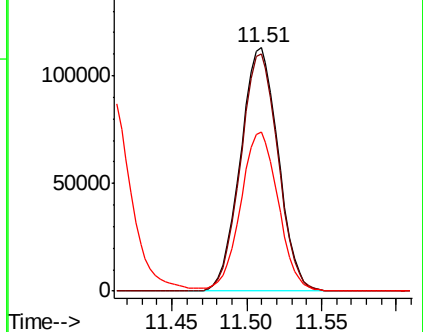
119 64.8 32.7 98.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

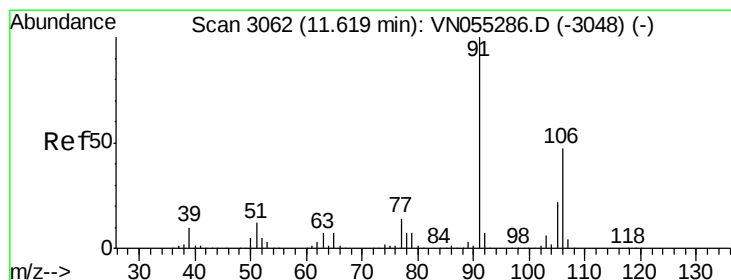
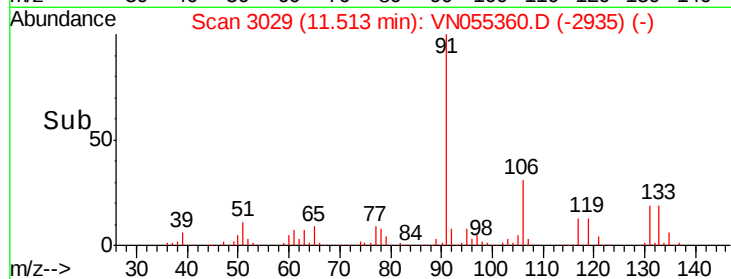
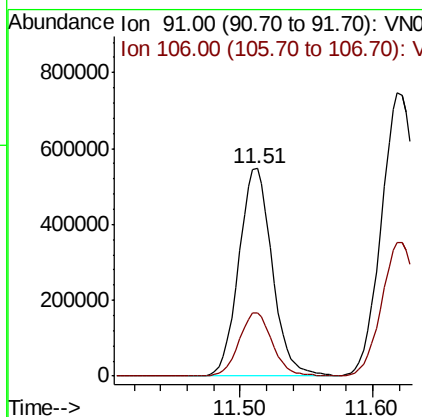
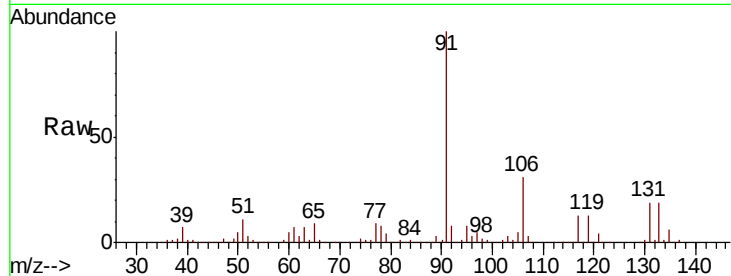




#67  
Ethvl Benzene  
Concen: 50.063 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

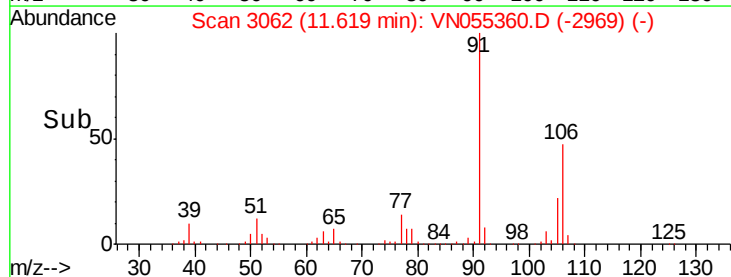
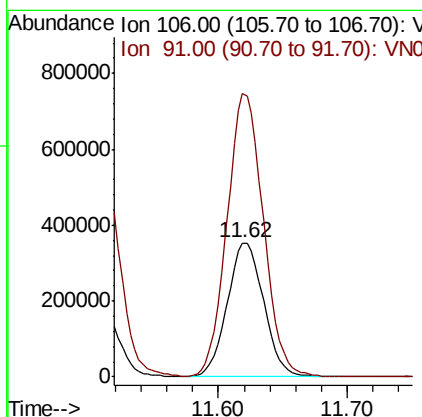
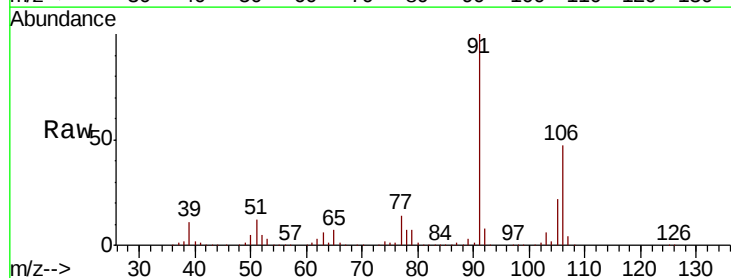
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

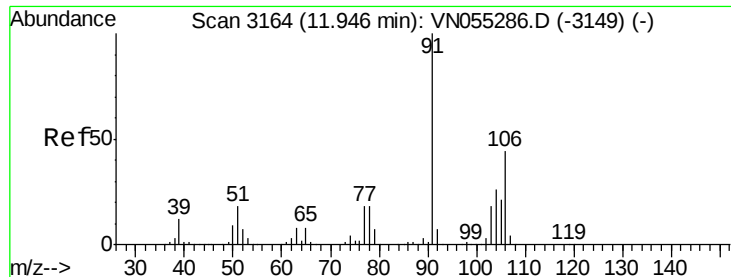
Tot Ion: 91 Resp: 959721  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.6 36.8



#68  
m/p-Xylenes  
Concen: 101.599 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion:106 Resp: 695209  
Ion Ratio Lower Upper  
106 100  
91 210.8 169.5 254.3

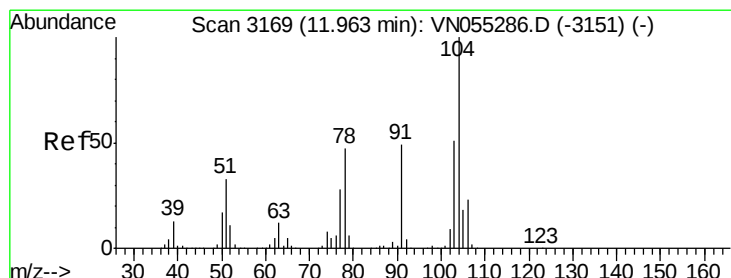
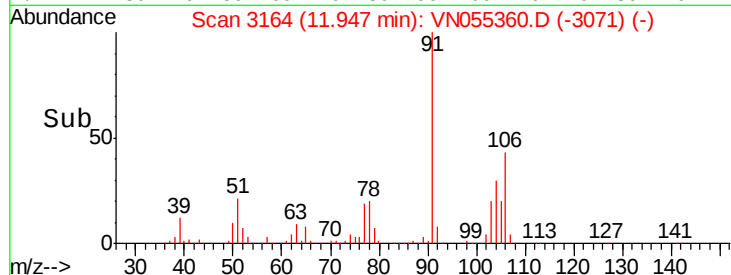
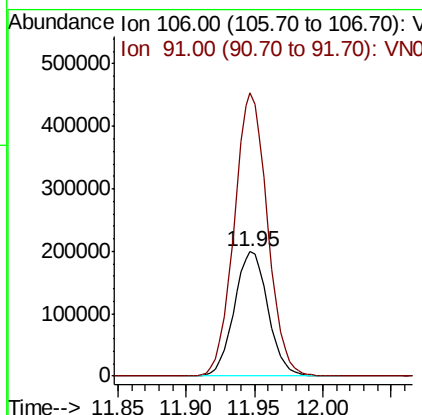
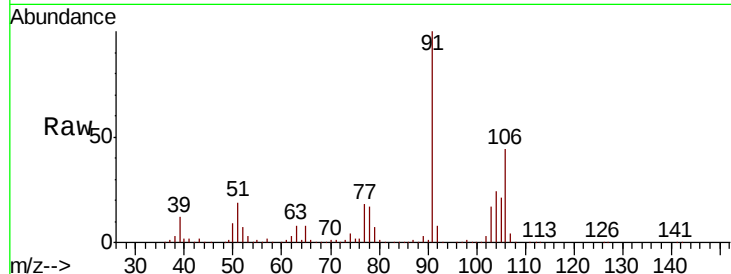




#69  
o-Xylene  
Concen: 50.394 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

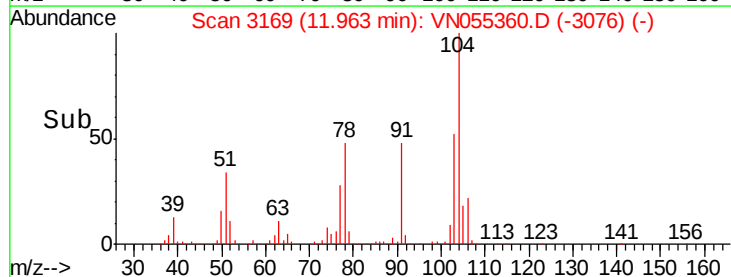
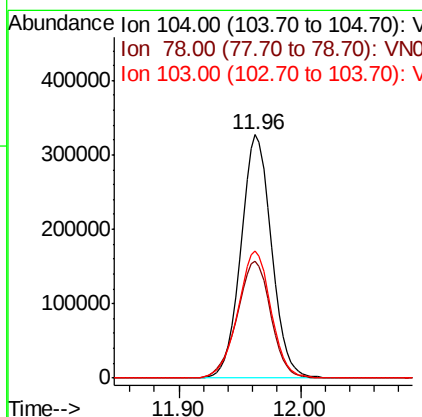
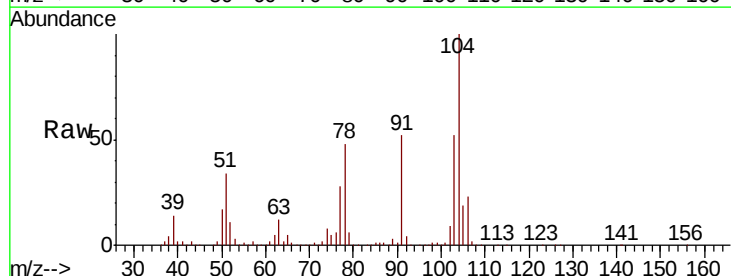
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

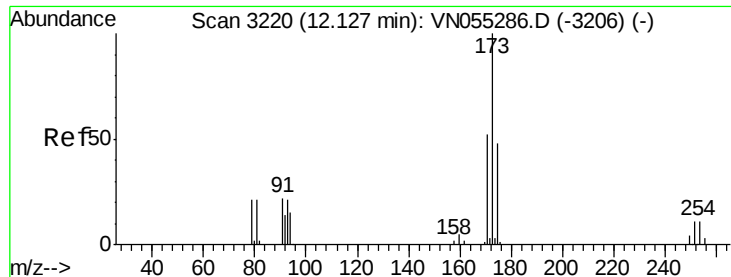
Tot Ion:106 Resp: 341786  
Ion Ratio Lower Upper  
106 100  
91 224.3 111.5 334.5



#70  
Styrene  
Concen: 54.058 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion:104 Resp: 562932  
Ion Ratio Lower Upper  
104 100  
78 53.5 42.2 63.2  
103 56.7 44.6 67.0





#71

Bromoform

Concen: 54.651 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

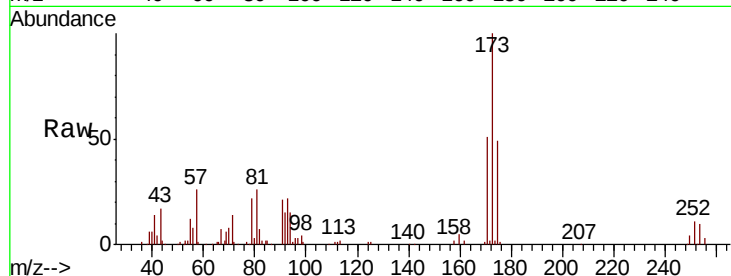
Tot Ion:173 Resp: 126058

Ion Ratio Lower Upper

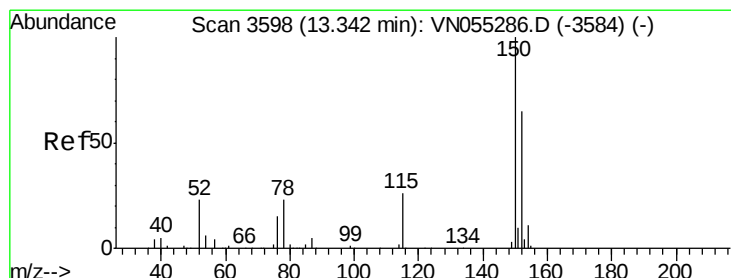
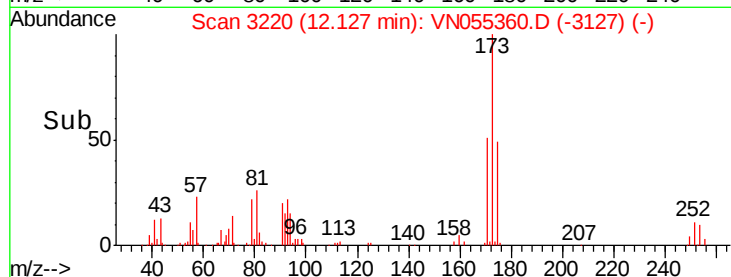
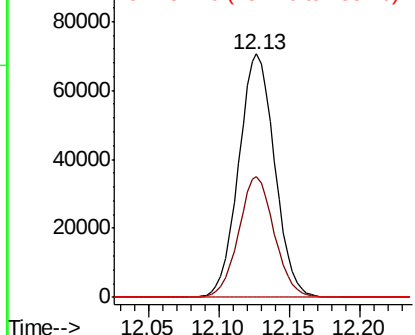
173 100

175 49.1 23.6 71.0

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

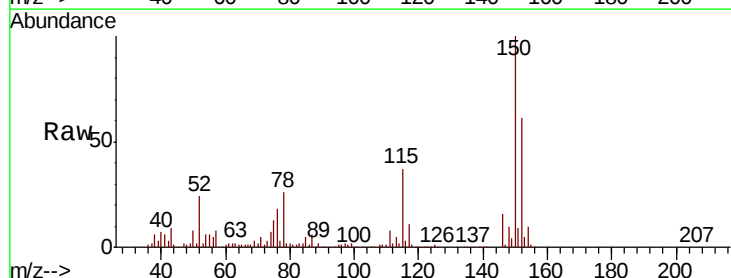
Tgt Ion:152 Resp: 229558

Ion Ratio Lower Upper

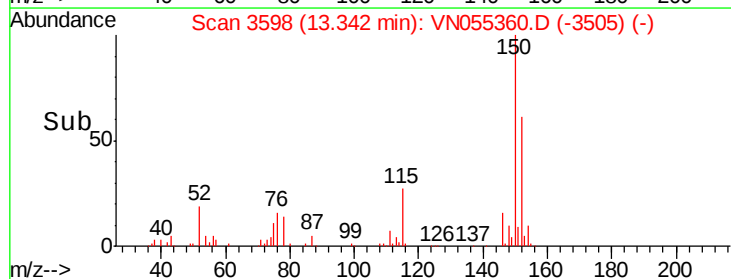
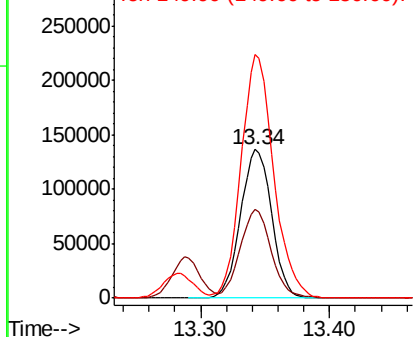
152 100

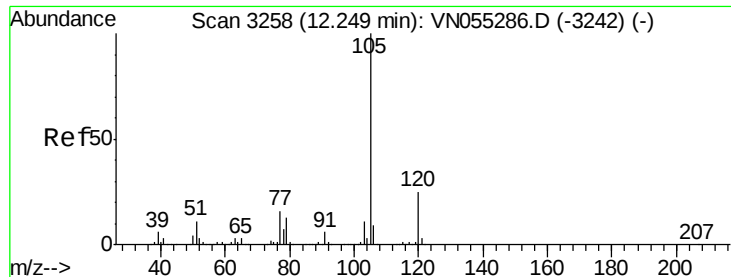
115 59.9 29.0 87.0

150 171.6 0.0 345.6



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





#73

Isopropylbenzene

Concen: 50.589 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

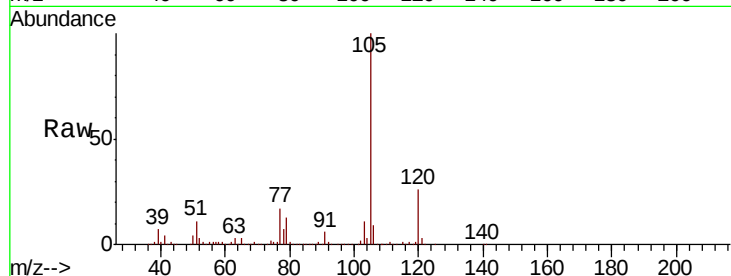
VSTDCCC050EC

Tot Ion:105 Resp: 923370

Ion Ratio Lower Upper

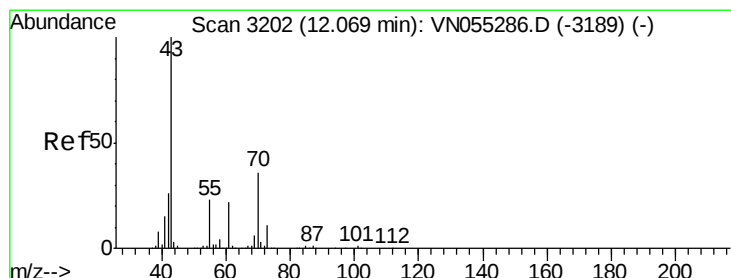
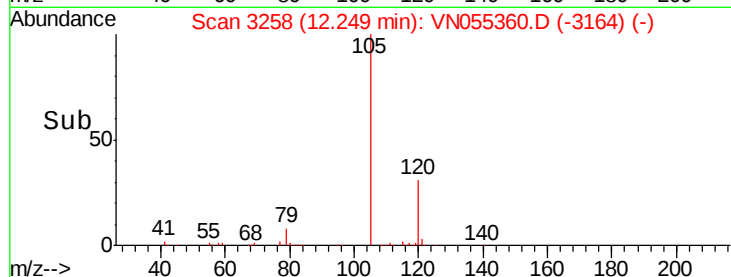
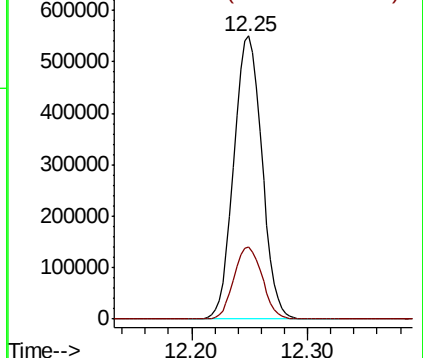
105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 71.059 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Tgt Ion: 43 Resp: 418635

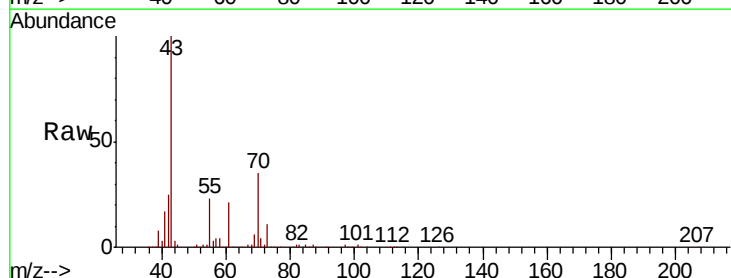
Ion Ratio Lower Upper

43 100

70 29.4 27.9 41.9

55 19.8 18.2 27.2

61 17.0 16.9 25.3

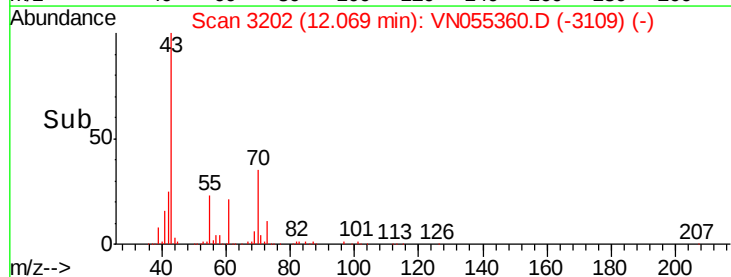
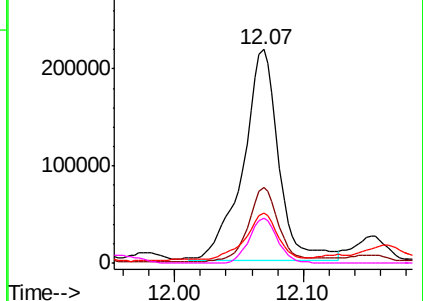


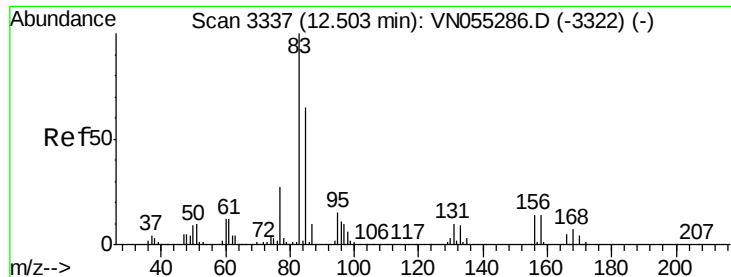
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.639 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

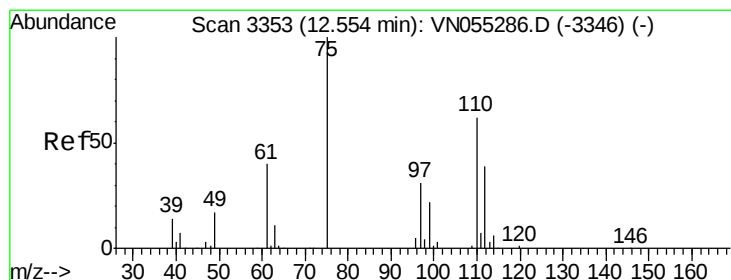
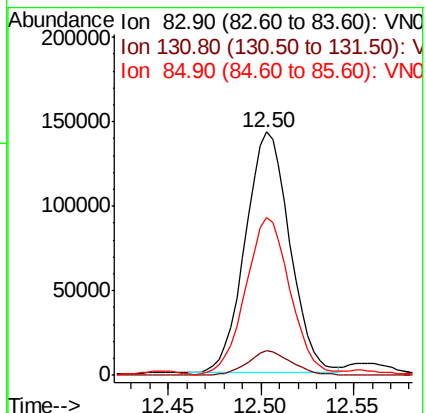
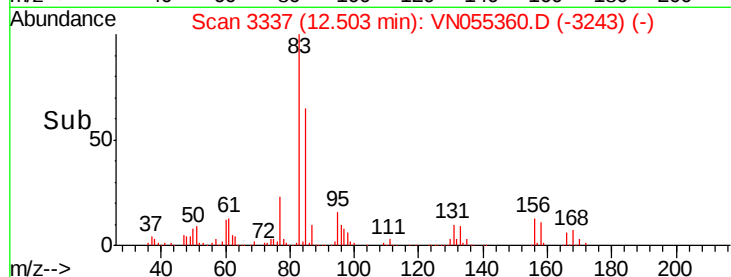
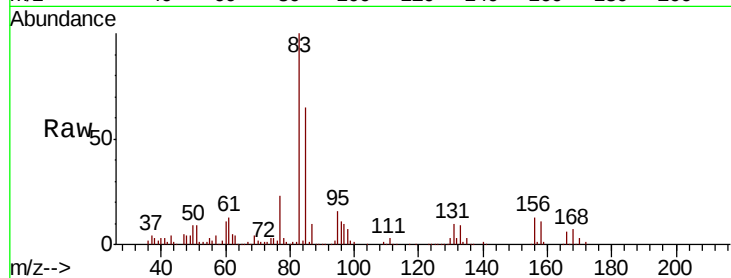
Tot Ion: 83 Resp: 238656

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 64.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 70.115 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055360.D

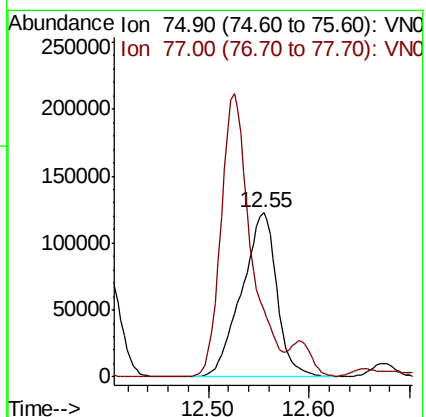
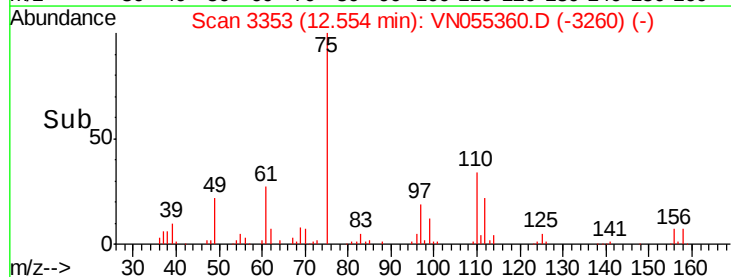
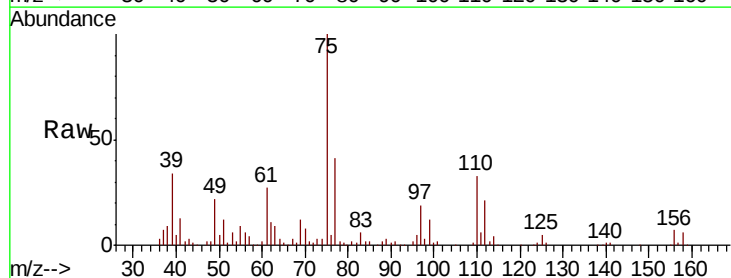
Acq: 2 May 2019 19:41

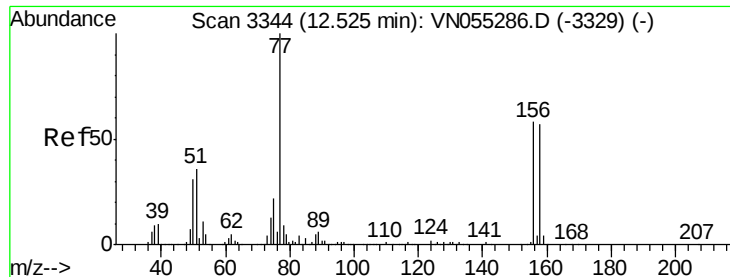
Tgt Ion: 75 Resp: 294852

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.397 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

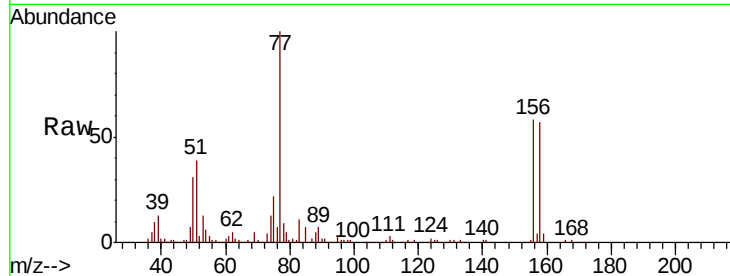
Tot Ion:156 Resp: 220618

Ion Ratio Lower Upper

156 100

77 198.3 99.6 298.8

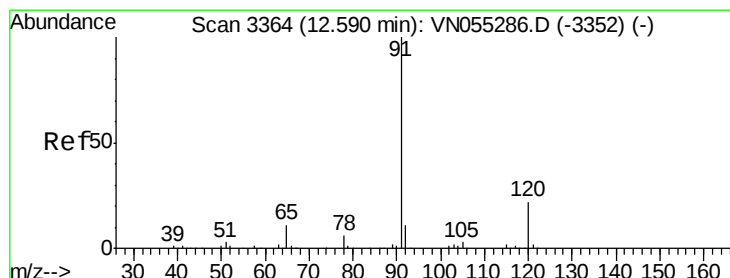
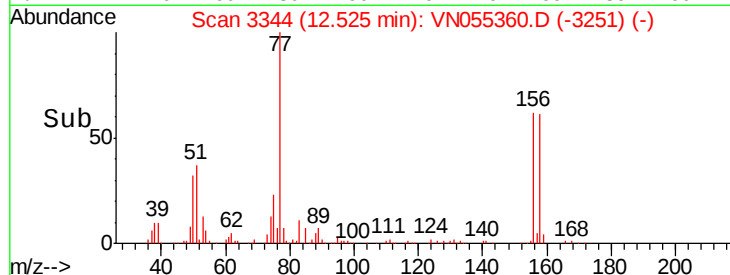
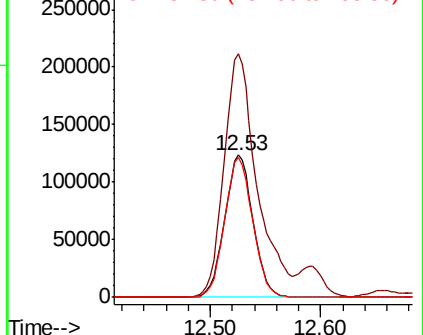
158 97.2 49.3 147.8



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: 44.196 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055360.D

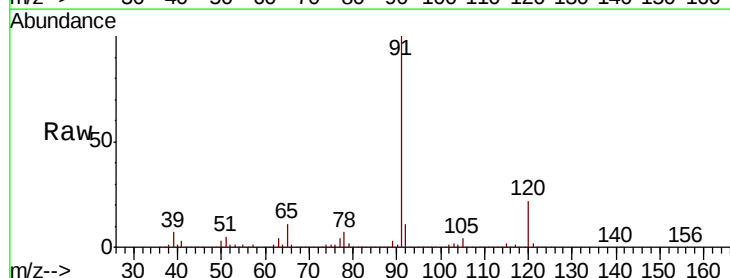
Acq: 2 May 2019 19:41

Tgt Ion: 91 Resp: 1042158

Ion Ratio Lower Upper

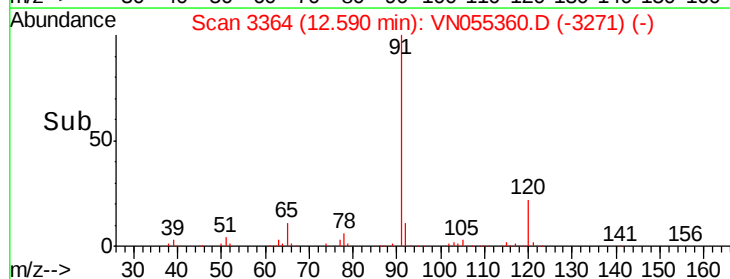
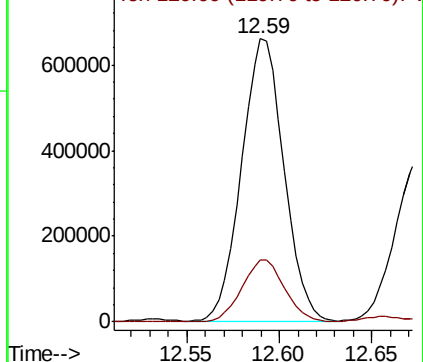
91 100

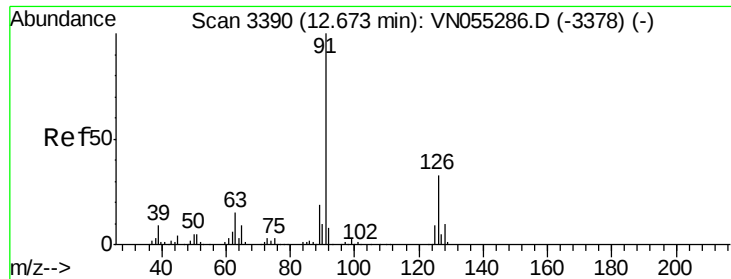
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

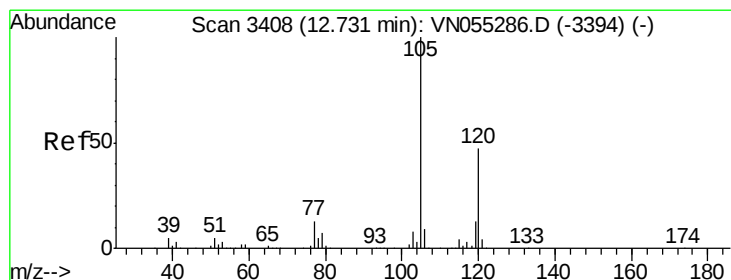
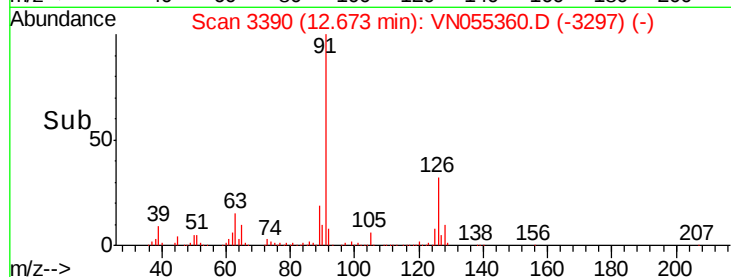
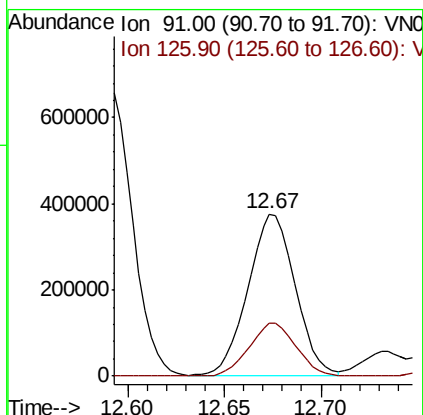
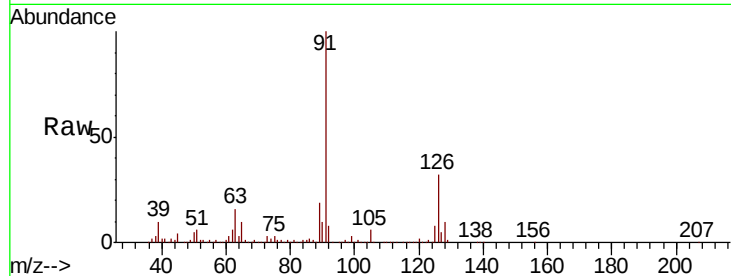




#79  
 2-Chlorotoluene  
 Concen: 51.164 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

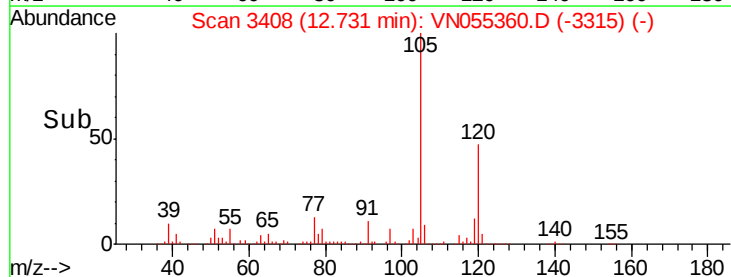
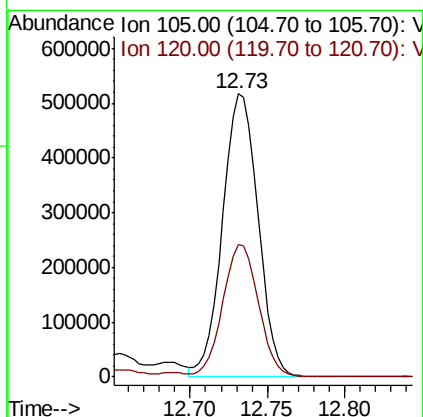
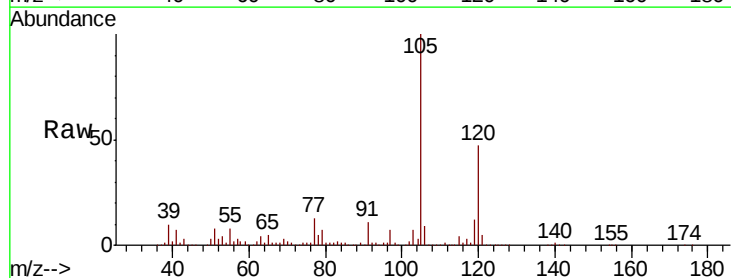
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

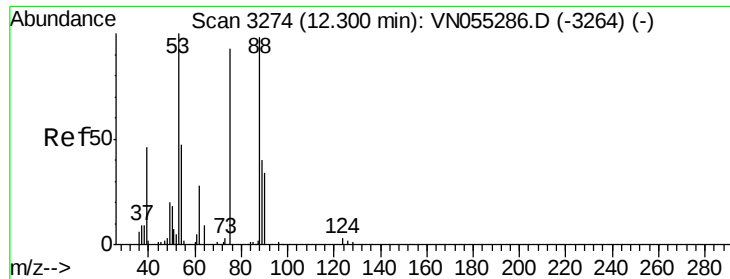
Tot Ion: 91 Resp: 635758  
 Ion Ratio Lower Upper  
 91 100  
 126 32.5 16.6 49.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 45.635 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

Tgt Ion: 105 Resp: 821282  
 Ion Ratio Lower Upper  
 105 100  
 120 46.9 23.4 70.0

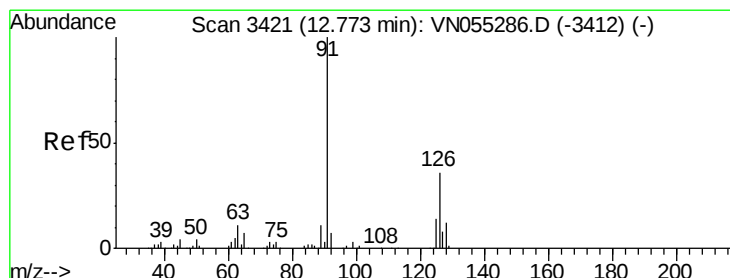
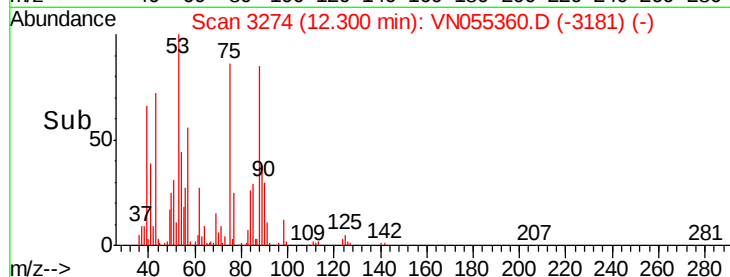
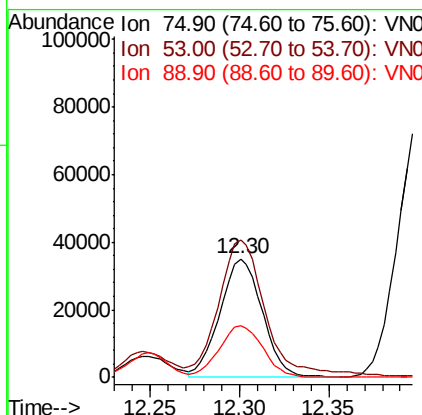
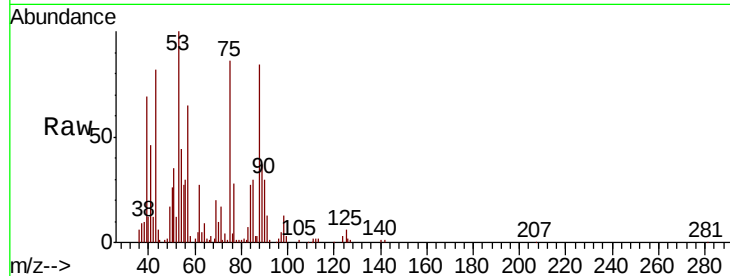




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.011 ug/l  
RT: 12.30 min Scan# 3274  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

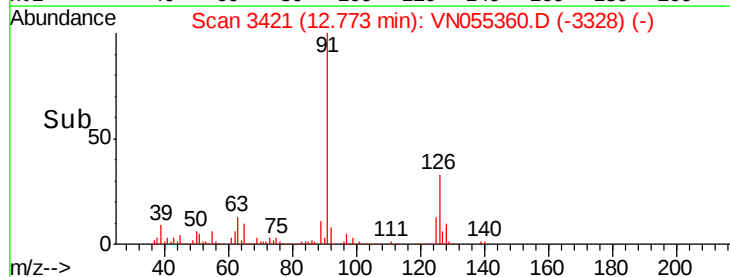
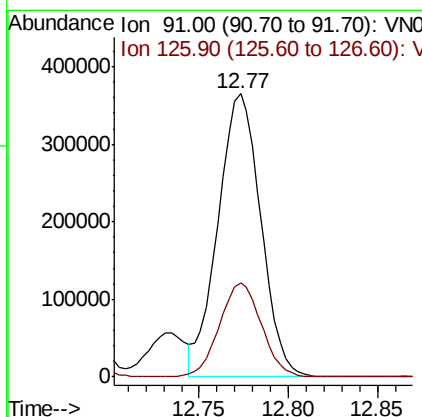
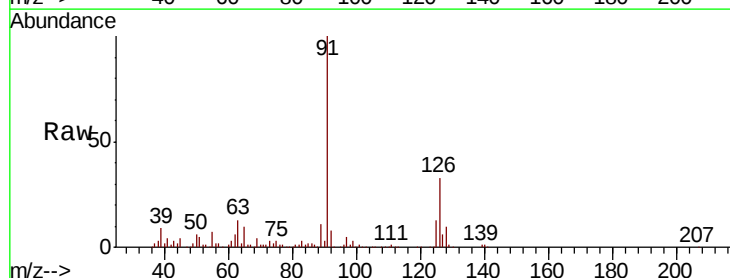
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

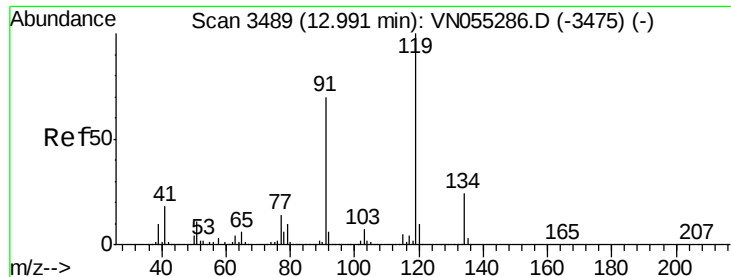
Tot Ion: 75 Resp: 58158  
Ion Ratio Lower Upper  
75 100  
53 125.0 86.3 129.5  
89 44.7 34.6 51.8



#82  
4-Chlorotoluene  
Concen: 44.321 ug/l  
RT: 12.77 min Scan# 3421  
Delta R.T. 0.00 min  
Lab File: VN055360.D  
Acq: 2 May 2019 19:41

Tgt Ion: 91 Resp: 607661  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.6 49.7

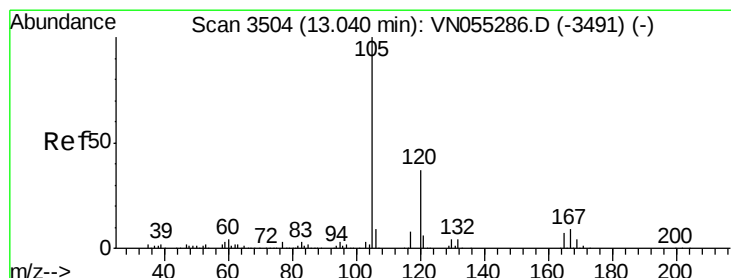
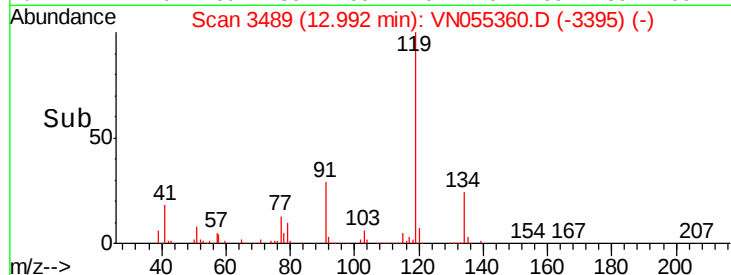
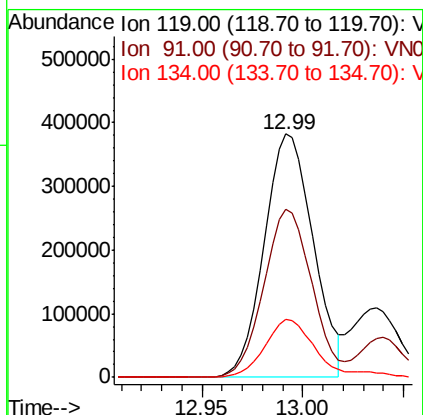
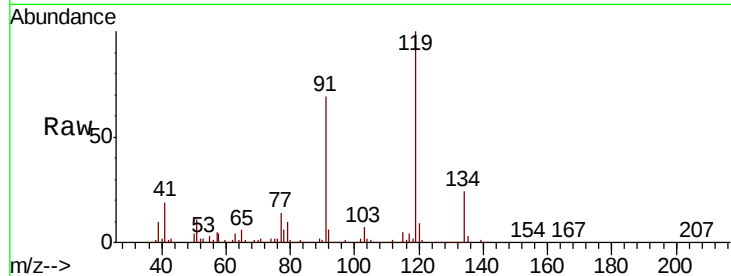




#83  
 tert-Butylbenzene  
 Concen: 50.635 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

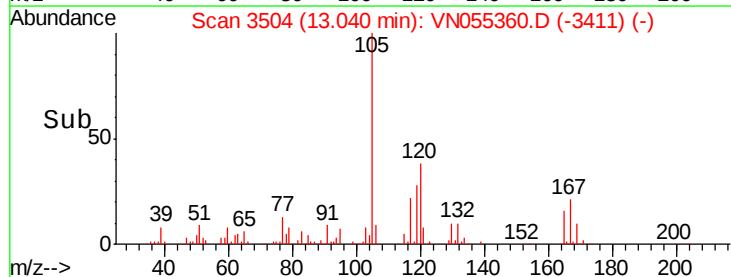
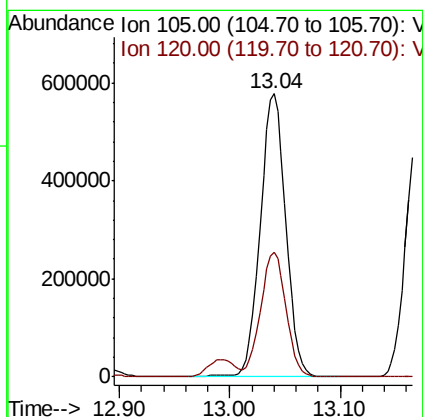
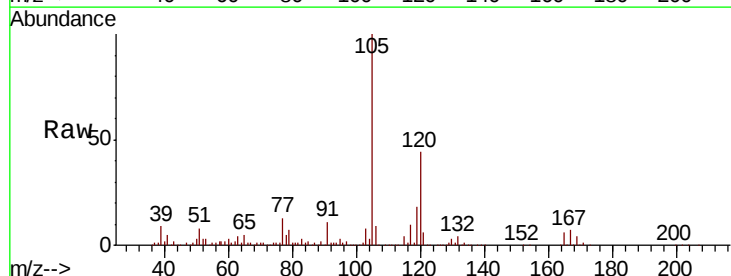
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

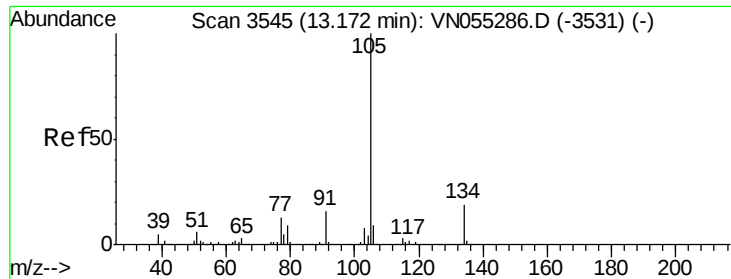
Tot Ion:119 Resp: 644528  
 Ion Ratio Lower Upper  
 119 100  
 91 67.7 34.3 102.9  
 134 25.3 13.1 39.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 57.586 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

Tgt Ion:105 Resp: 926857  
 Ion Ratio Lower Upper  
 105 100  
 120 43.9 22.1 66.5





#85

sec-Butylbenzene

Concen: 43.150 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

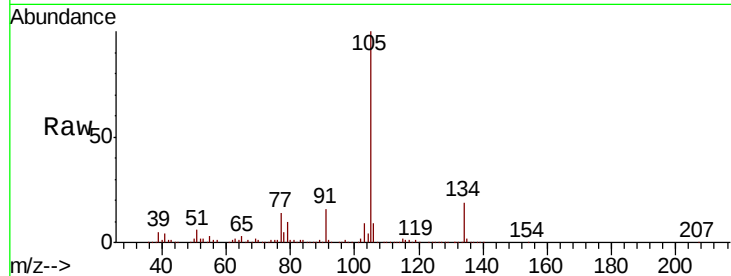
VSTDCCC050EC

Tot Ion:105 Resp: 844045

Ion Ratio Lower Upper

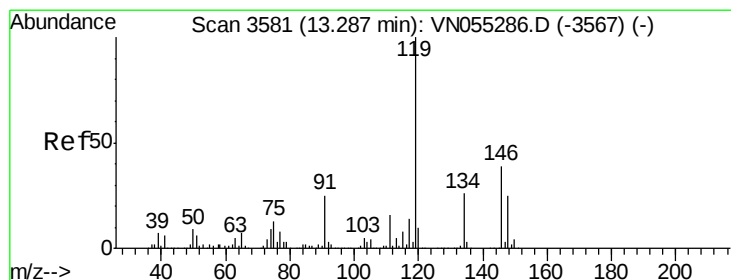
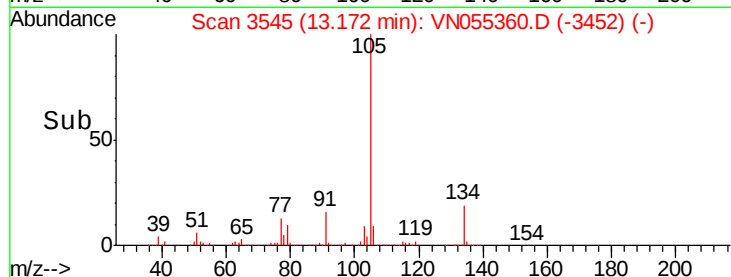
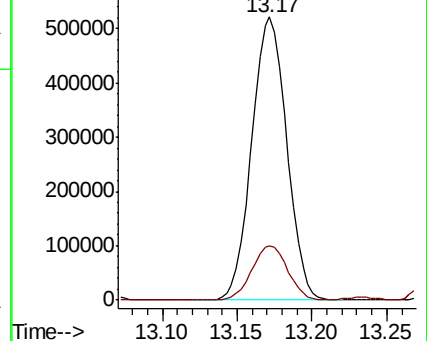
105 100

134 19.7 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.013 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

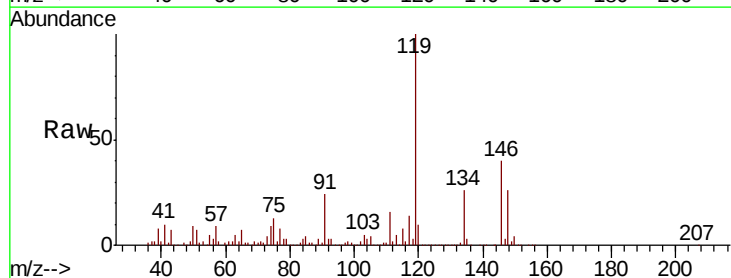
Tgt Ion:119 Resp: 755836

Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

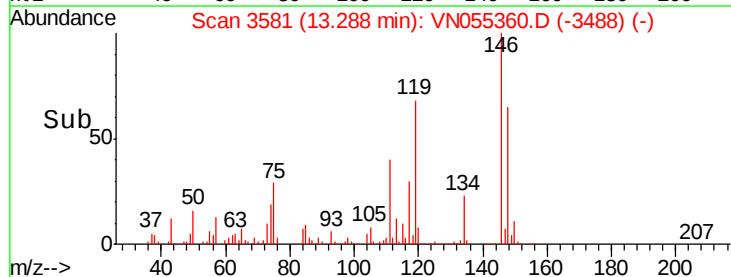
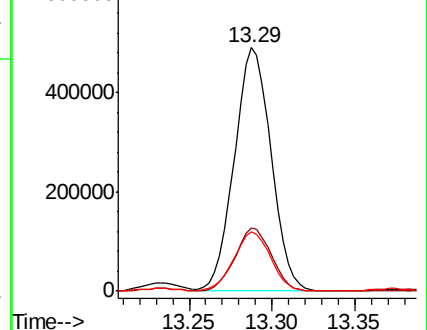
91 24.0 12.2 36.6

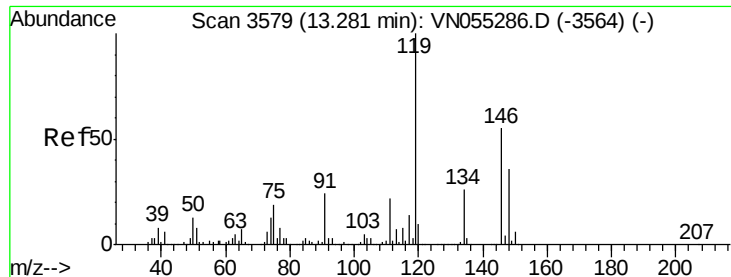


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.172 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

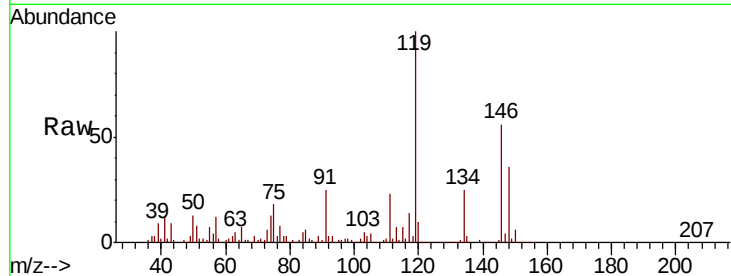
Tot Ion:146 Resp: 362357

Ion Ratio Lower Upper

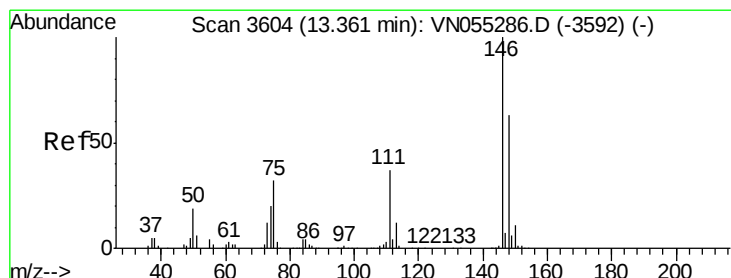
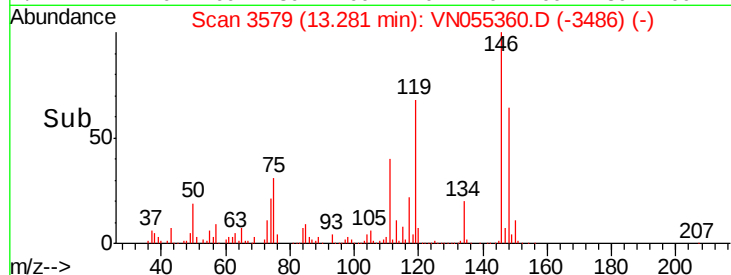
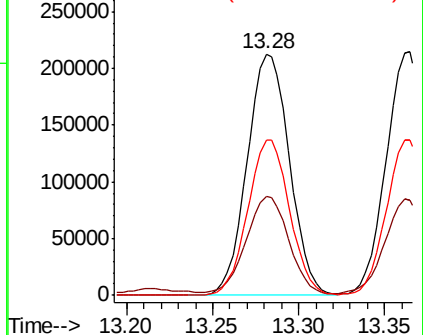
146 100

111 40.1 20.3 60.8

148 63.4 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.313 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

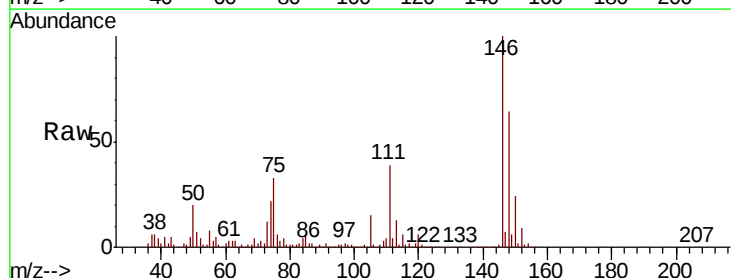
Tgt Ion:146 Resp: 356728

Ion Ratio Lower Upper

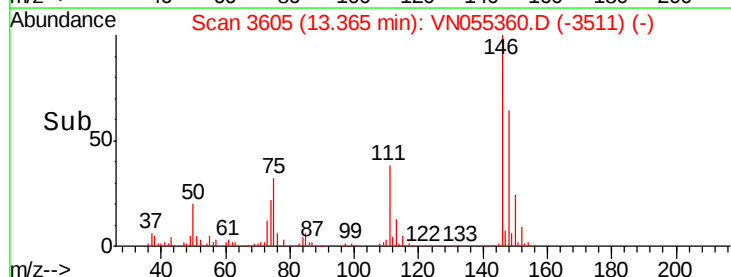
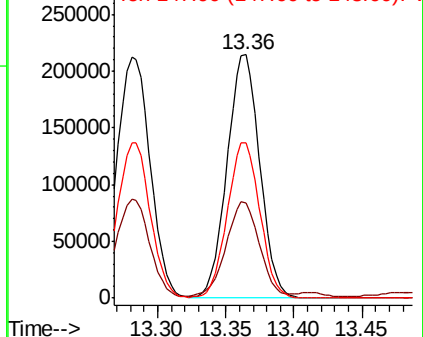
146 100

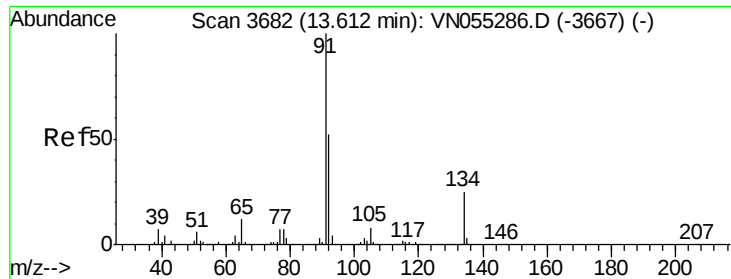
111 39.2 19.5 58.5

148 63.7 32.5 97.4



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: 54.776 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

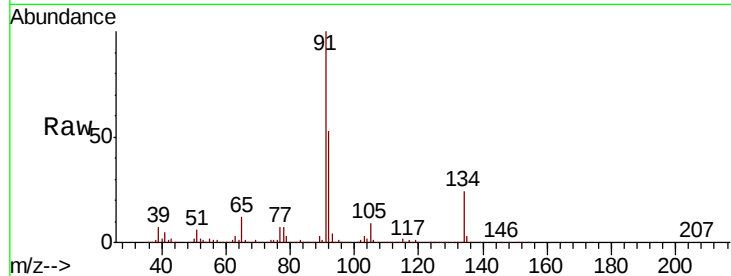
Tot Ion: 91 Resp: 625773

Ion Ratio Lower Upper

91 100

92 51.8 26.1 78.3

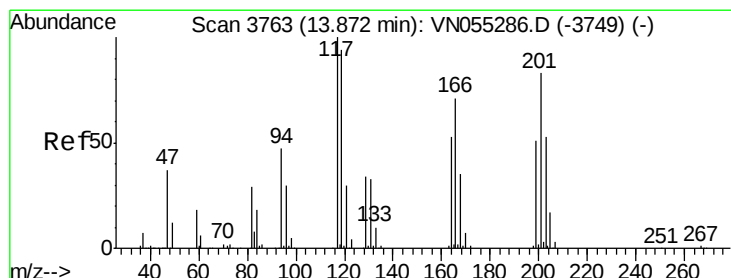
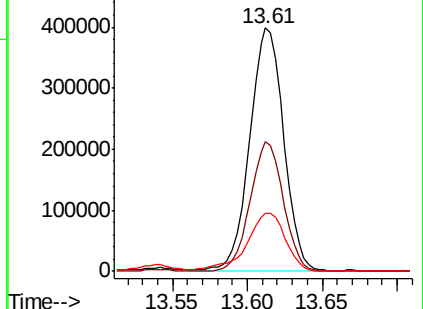
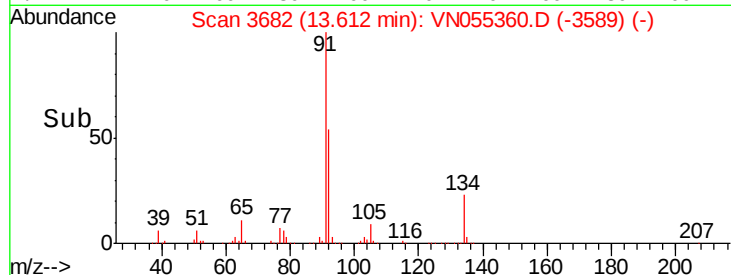
134 27.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)



#90

Hexachloroethane

Concen: 45.513 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055360.D

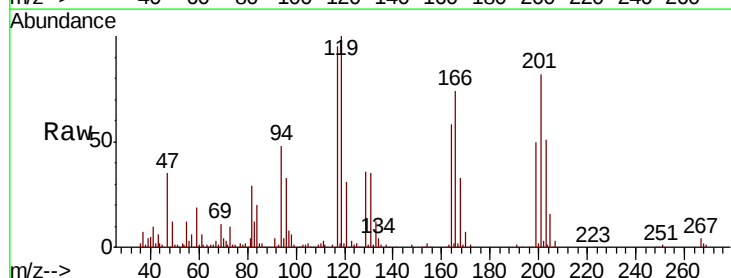
Acq: 2 May 2019 19:41

Tgt Ion: 117 Resp: 116219

Ion Ratio Lower Upper

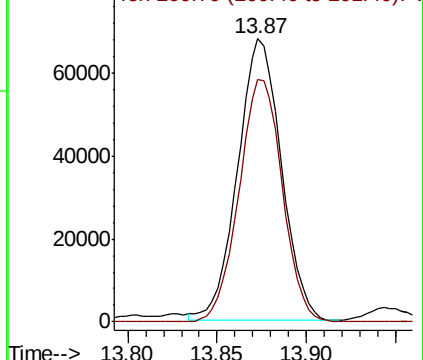
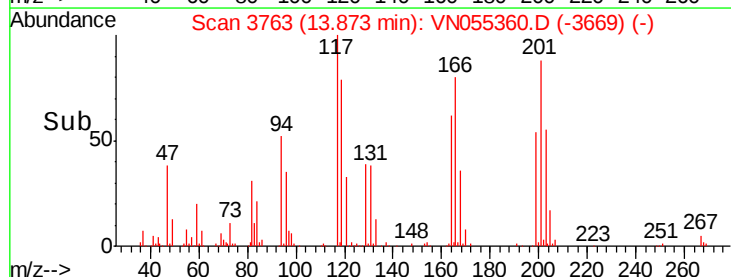
117 100

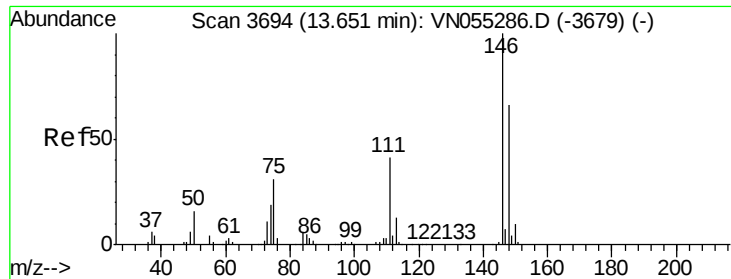
201 85.1 41.9 125.8



Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 47.704 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

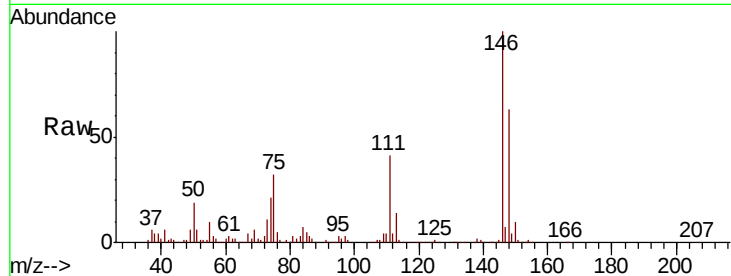
Tot Ion:146 Resp: 363191

Ion Ratio Lower Upper

146 100

111 42.4 20.3 61.0

148 64.2 32.4 97.2

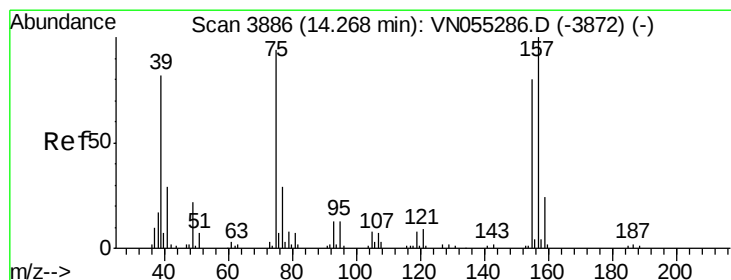
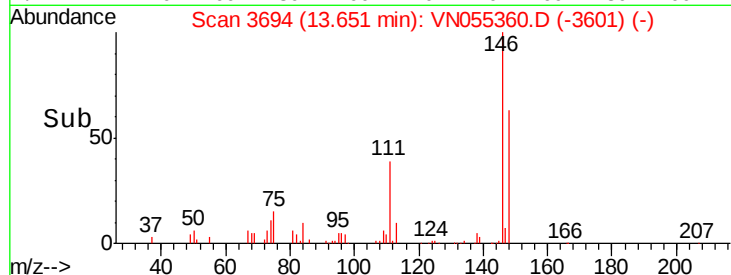
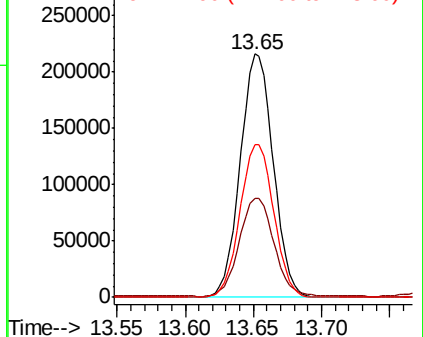


Abundance

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: 64.224 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

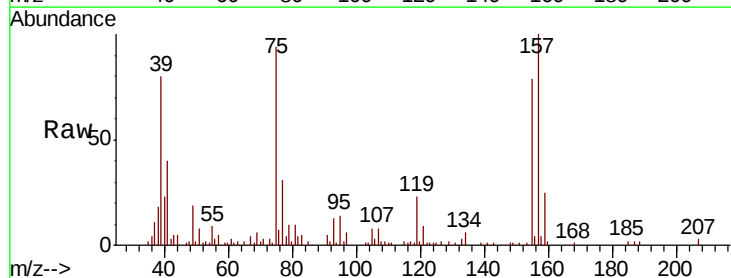
Tgt Ion: 75 Resp: 38787

Ion Ratio Lower Upper

75 100

155 81.5 41.5 124.6

157 101.9 54.0 162.2

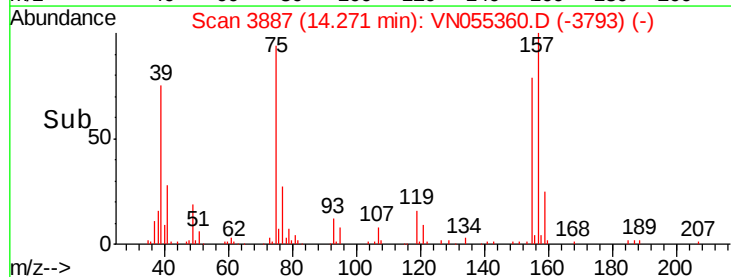
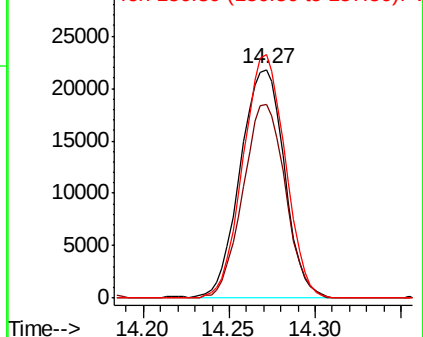


Abundance

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

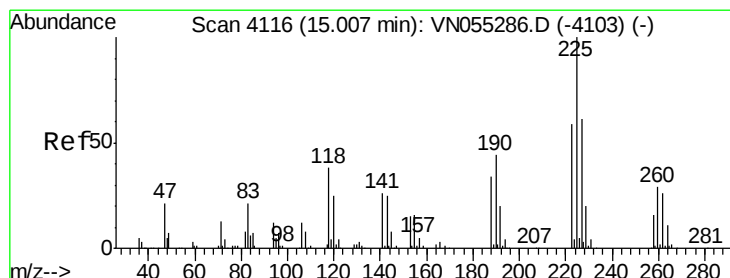
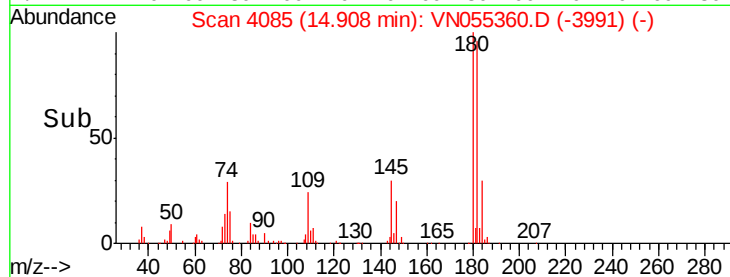
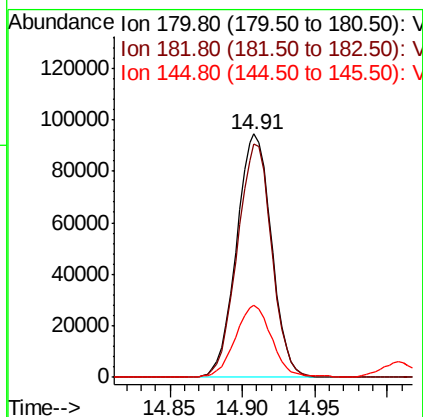
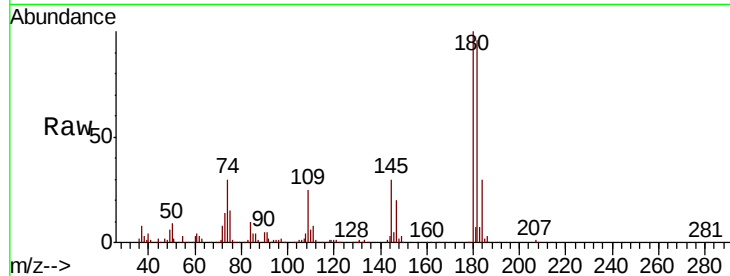




#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.270 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

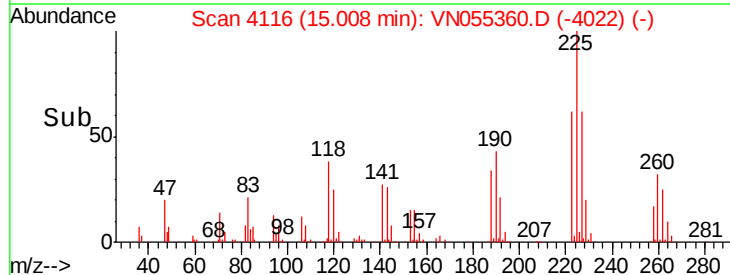
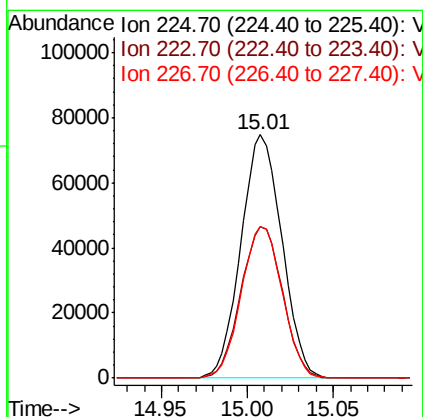
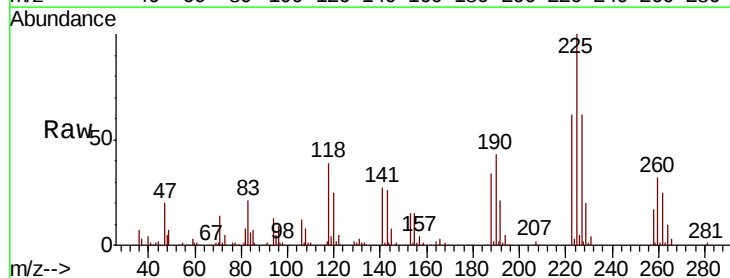
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:180 Resp: 157369  
 Ion Ratio Lower Upper  
 180 100  
 182 94.8 48.3 144.9  
 145 31.2 14.2 42.6



#94  
 Hexachlorobutadiene  
 Concen: 54.169 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN055360.D  
 Acq: 2 May 2019 19:41

Tgt Ion:225 Resp: 123563  
 Ion Ratio Lower Upper  
 225 100  
 223 63.2 30.3 90.8  
 227 62.4 30.9 92.7





#95

Naphthalene

Concen: 57.430 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

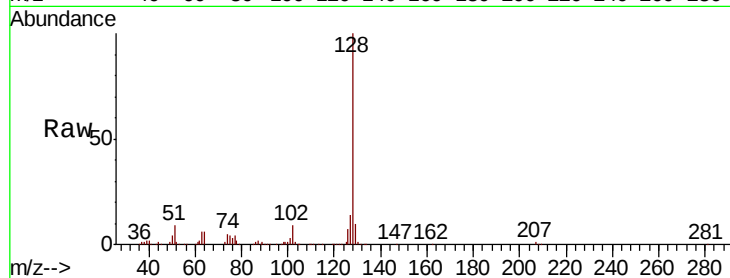
Tot Ion:128 Resp: 369828

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

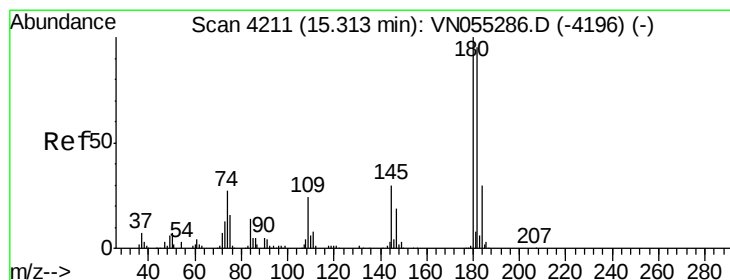
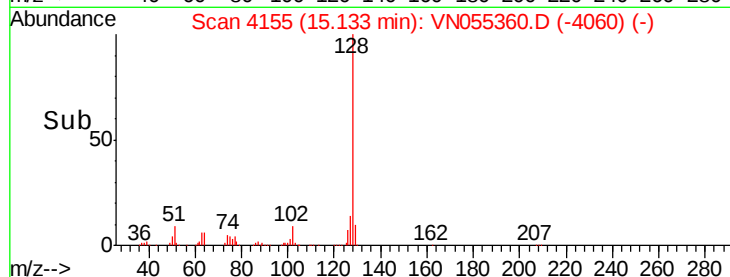
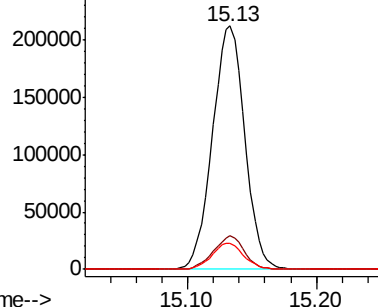
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.684 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055360.D

Acq: 2 May 2019 19:41

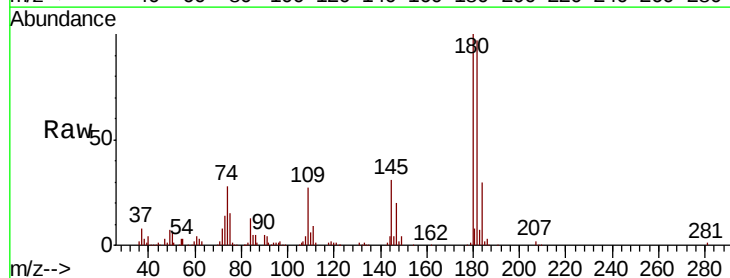
Tgt Ion:180 Resp: 159284

Ion Ratio Lower Upper

180 100

182 96.1 48.3 144.9

145 31.2 15.2 45.6



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

