

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\  
 Data File : VN055583.D  
 Acq On : 13 May 2019 18:41  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: May 14 01:51:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N050819W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 10 06:48:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 726956   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 1262358  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1105746  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 465515   | 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   | 500499   | 45.73 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.46%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 406753   | 49.95 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.90%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1580682  | 49.81 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.62%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 550951   | 51.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.98% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 311126   | 42.037  | ug/l   | 99     |
| 3) Chloromethane              | 2.06 | 50   | 494063   | 41.090  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.18 | 62   | 503180   | 44.332  | ug/l   | 99     |
| 5) Bromomethane               | 2.53 | 94   | 281483   | 45.263  | ug/l   | 98     |
| 6) Chloroethane               | 2.68 | 64   | 305338   | 46.184  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 3.01 | 101  | 577289   | 46.362  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.41 | 74   | 270132   | 48.305  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101  | 371718   | 46.921  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.94 | 142  | 500063   | 46.702  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.81 | 59   | 364721   | 225.677 | ug/l # | 89     |
| 12) 1,1-Dichloroethene        | 3.72 | 96   | 388026   | 48.838  | ug/l   | 95     |
| 13) Acrolein                  | 3.60 | 56   | 273190   | 253.638 | ug/l   | 98     |
| 14) Allyl chloride            | 4.31 | 41   | 750282   | 46.099  | ug/l   | 97     |
| 15) Acrylonitrile             | 4.99 | 53   | 1129826  | 225.772 | ug/l   | 100    |
| 16) Acetone                   | 3.82 | 43   | 940377   | 185.548 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.04 | 76   | 962250   | 44.374  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.33 | 43   | 494709   | 46.437  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 1280387  | 48.499  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.54 | 84   | 467007   | 45.063  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.03 | 96   | 412809   | 47.922  | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.96 | 45   | 1585375  | 47.935  | ug/l   | 99     |
| 23) Vinyl Acetate             | 5.90 | 43   | 6072702  | 237.422 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.84 | 63   | 839655   | 47.030  | ug/l   | 100    |
| 25) 2-Butanone                | 6.84 | 43   | 1501186  | 214.425 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 541038   | 48.612  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 489923   | 49.211  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.19 | 49   | 422230   | 45.539  | ug/l   | 93     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 995877   | 215.175 | ug/l   | 98     |
| 30) Chloroform                | 7.37 | 83   | 787531   | 47.715  | ug/l   | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 760514   | 43.053  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 610437   | 48.568  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 601003   | 48.326  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.93 | 43   | 594363   | 43.812  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 496151   | 47.379  | ug/l   | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: May 14 01:51:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N050819W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 10 06:48:32 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 677914   | 44.708  | ug/l   | 97       |
| 40) Benzene                    | 8.04  | 78   | 1856821  | 48.107  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.21  | 41   | 874291   | 138.853 | ug/l # | 21       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 615277   | 45.373  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 954841   | 46.329  | ug/l   | 96       |
| 44) Trichloroethene            | 8.83  | 130  | 448357   | 48.820  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 524629   | 47.505  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 304037   | 47.496  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.40  | 83   | 597802   | 48.816  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 451620   | 45.480  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 180171   | 930.919 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 3031025  | 223.610 | ug/l   | 97       |
| 52) Toluene                    | 10.16 | 92   | 1093059  | 49.536  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 618744   | 52.607  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 738721   | 52.562  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 436099   | 48.778  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 666337   | 50.107  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 779790   | 49.129  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 936418   | 211.222 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 2085699  | 219.406 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 424758   | 52.255  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 432387   | 50.336  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 409352   | 45.180  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 1144780  | 50.322  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 401348   | 51.246  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 2090126  | 48.919  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 1537679  | 100.284 | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 759598   | 50.402  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 1286594  | 53.286  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 284615   | 53.854  | ug/l   | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 1992697  | 52.015  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 797600   | 45.130  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 624242   | 50.019  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 737709   | 58.211  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 477907   | 46.584  | ug/l   | 93       |
| 78) n-propylbenzene            | 12.59 | 91   | 2268605  | 45.436  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 1378834  | 44.312  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1679876  | 45.122  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 155392   | 45.244  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 1362531  | 46.341  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1402478  | 43.949  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1632729  | 47.818  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 1844994  | 43.503  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 1596874  | 46.265  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 781951   | 49.327  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 759045   | 48.518  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 1249121  | 46.689  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 251573   | 44.681  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 777765   | 49.090  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 96388    | 45.028  | ug/l   | 95       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: May 14 01:51:01 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N050819W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 10 06:48:32 2019  
Response via : Initial Calibration

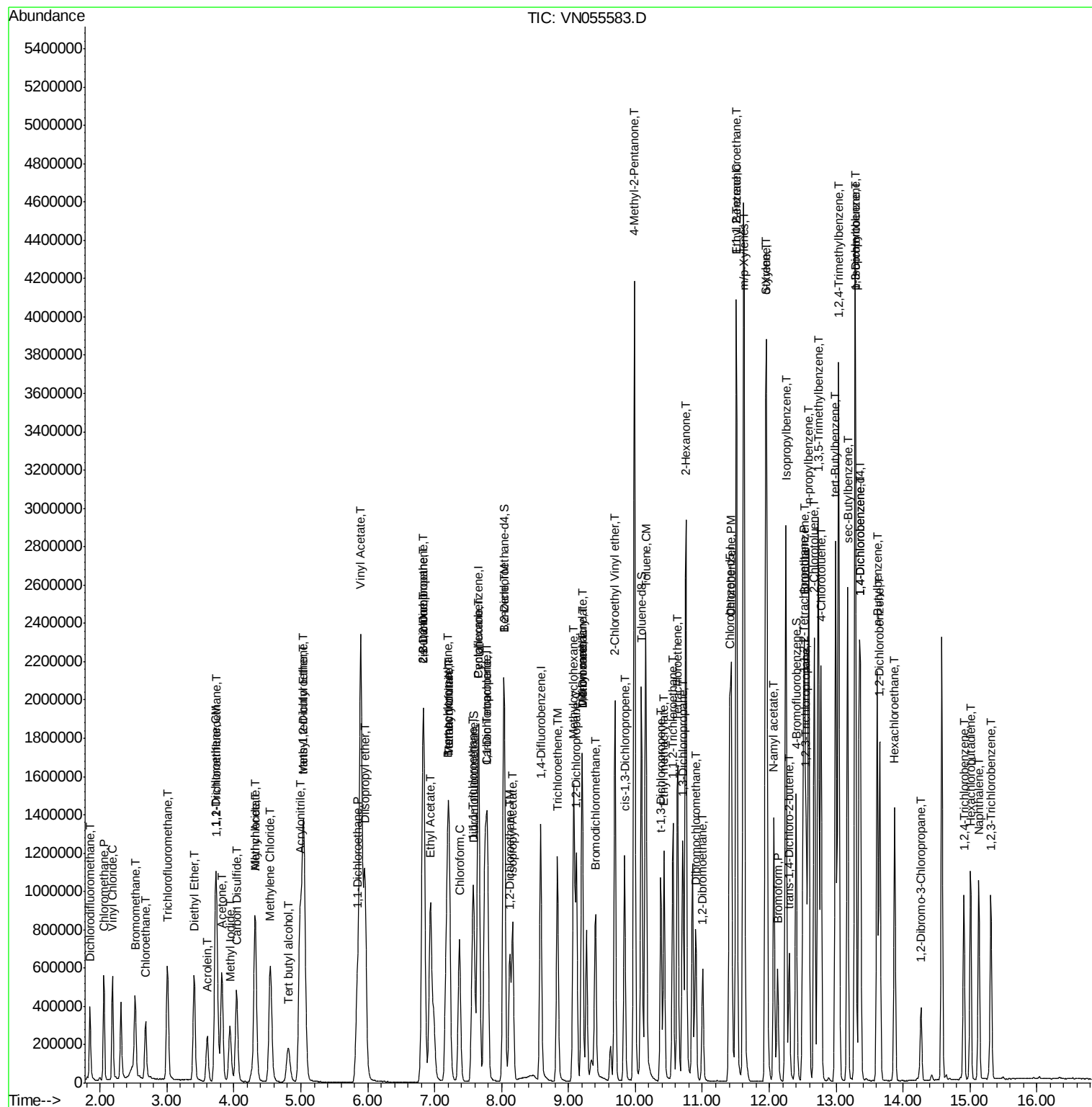
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 312674   | 45.625 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 217900   | 46.302 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 884106   | 45.812 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 344310   | 46.281 | ug/l  | 99       |

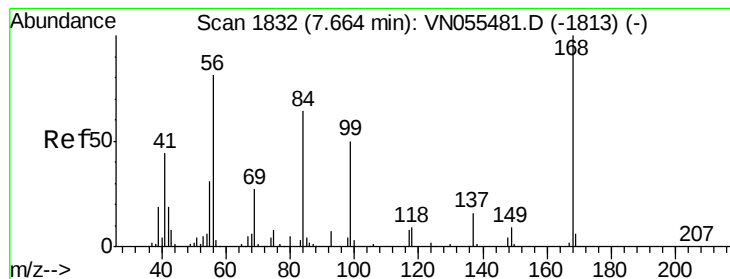
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051319\  
Data File : VN055583.D  
Acq On : 13 May 2019 18:41  
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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

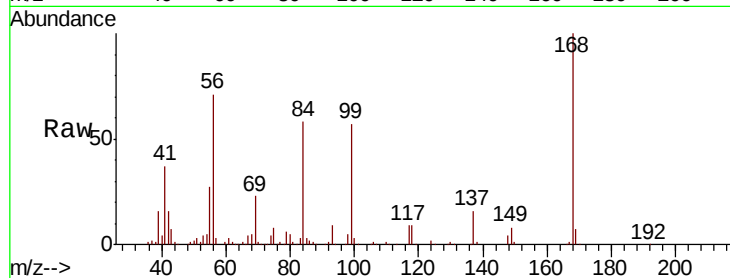
VSTDCCC050EC

Tot Ion:168 Resp: 726956

Ion Ratio Lower Upper

168 100

99 56.2 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

300000

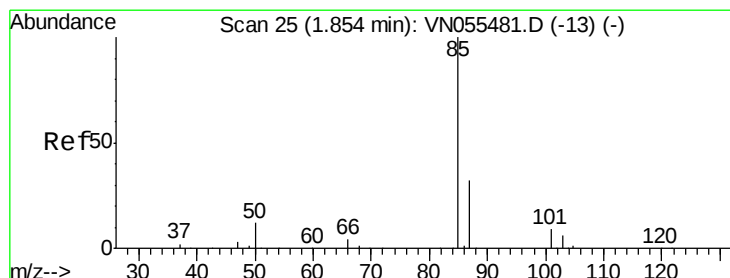
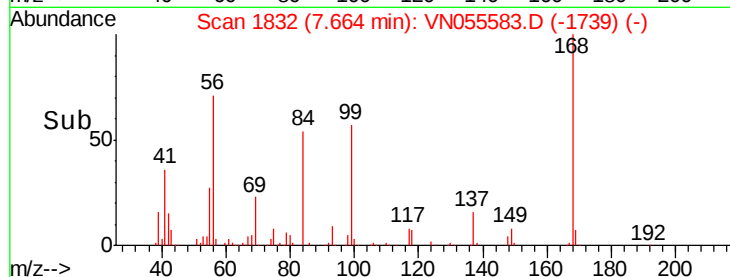
200000

100000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 42.037 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.01 min

Lab File: VN055583.D

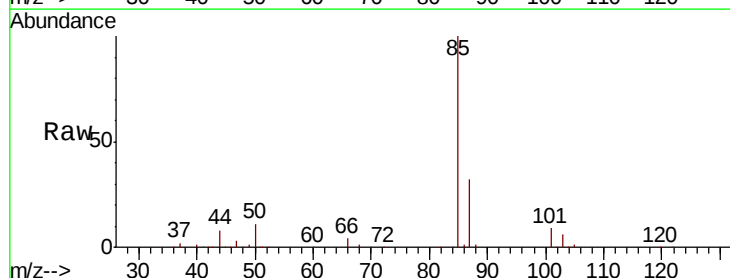
Acq: 13 May 2019 18:41

Tgt Ion: 85 Resp: 311126

Ion Ratio Lower Upper

85 100

87 32.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

250000

200000

150000

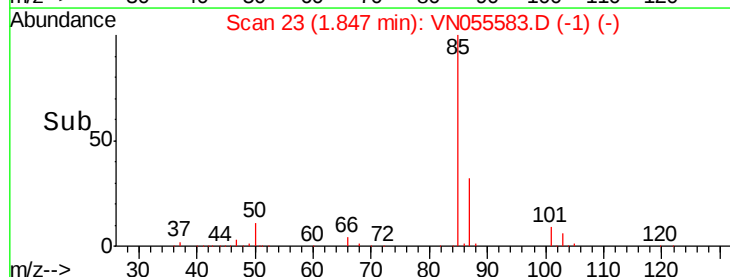
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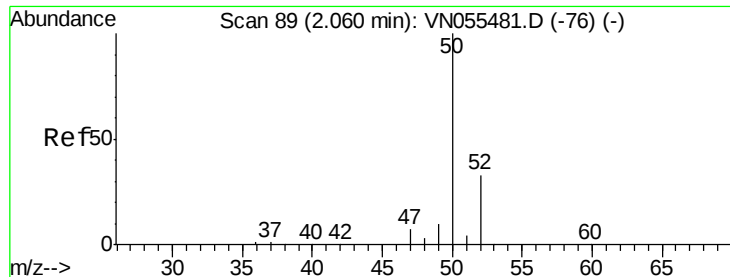
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 41.090 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

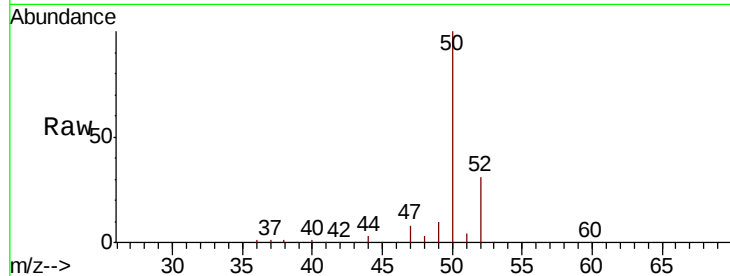
VSTDCCC050EC

Tot Ion: 50 Resp: 494063

Ion Ratio Lower Upper

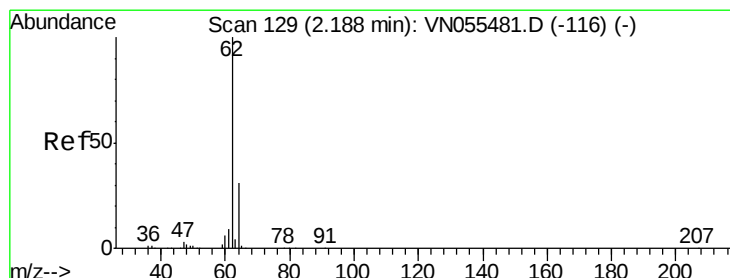
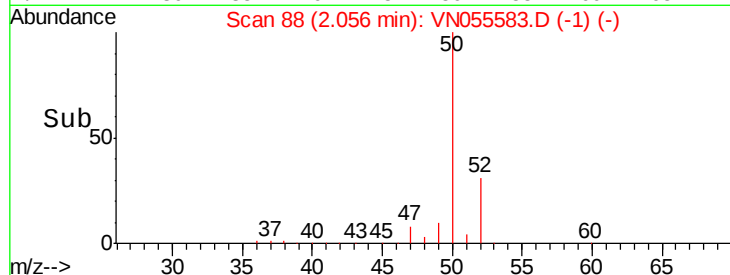
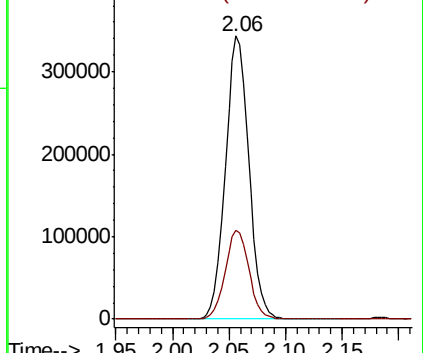
50 100

52 31.4 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 44.332 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN055583.D

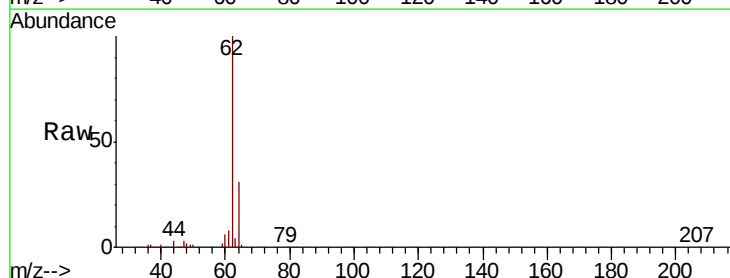
Acq: 13 May 2019 18:41

Tgt Ion: 62 Resp: 503180

Ion Ratio Lower Upper

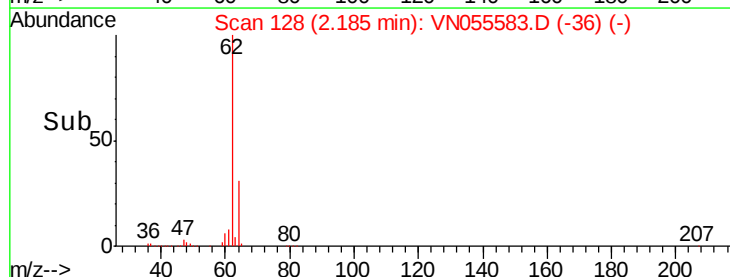
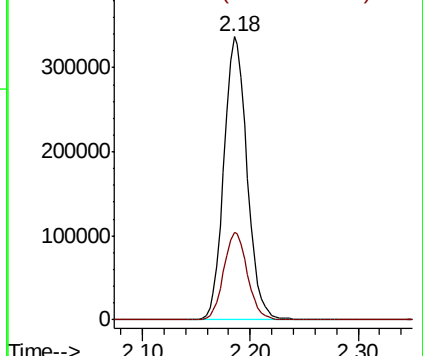
62 100

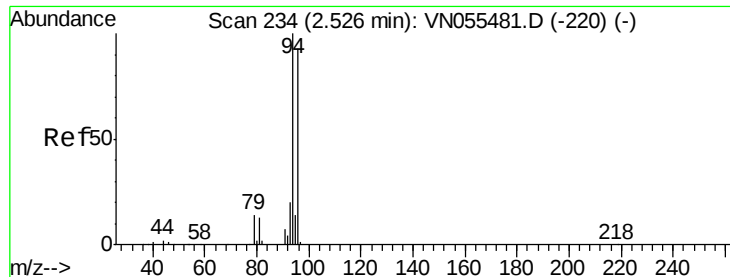
64 30.9 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 45.263 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

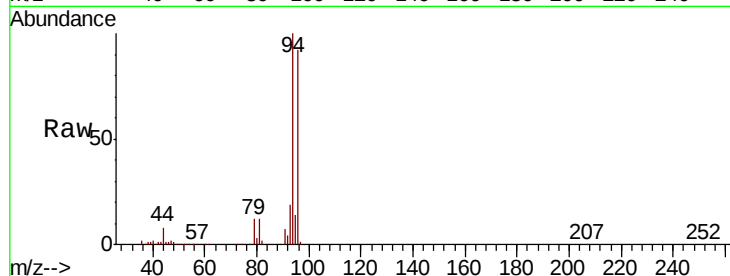
VSTDCCC050EC

Tot Ion: 94 Resp: 281483

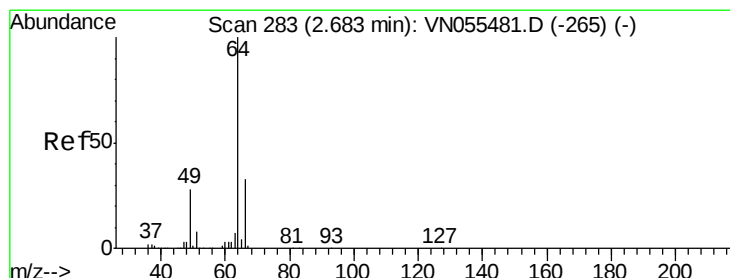
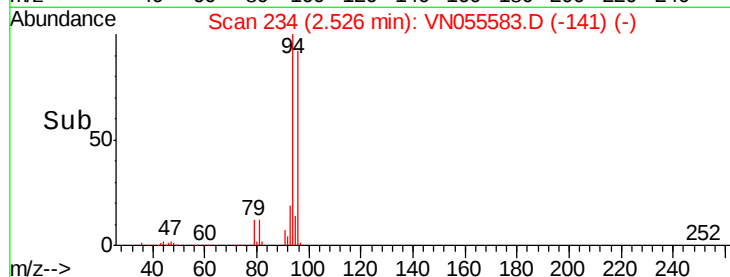
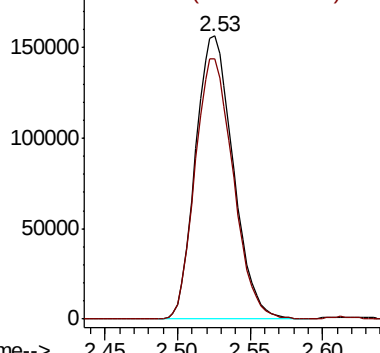
Ion Ratio Lower Upper

94 100

96 91.8 74.8 112.2



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



#6

Chloroethane

Concen: 46.184 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN055583.D

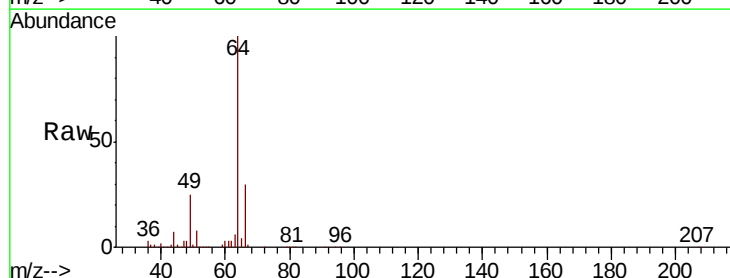
Acq: 13 May 2019 18:41

Tgt Ion: 64 Resp: 305338

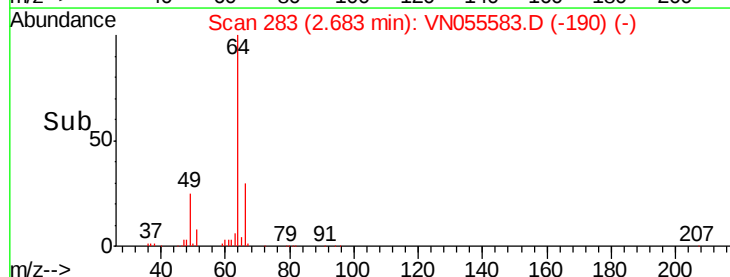
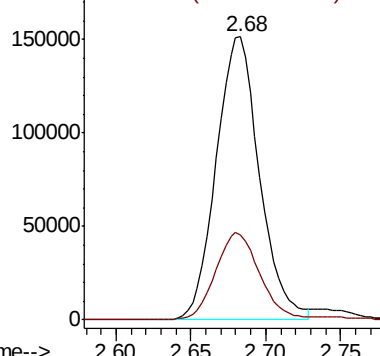
Ion Ratio Lower Upper

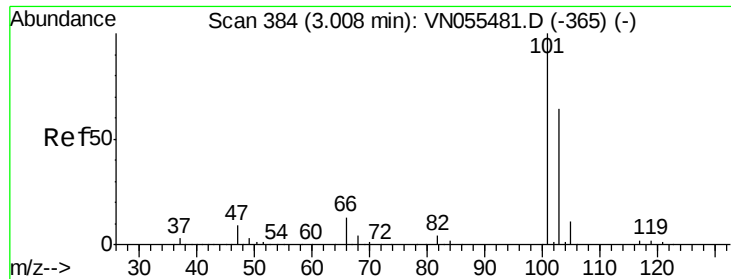
64 100

66 30.1 26.2 39.2



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



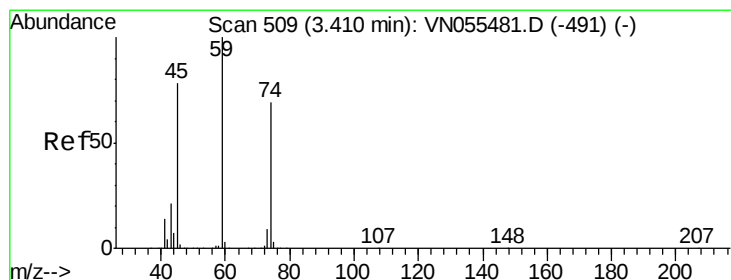
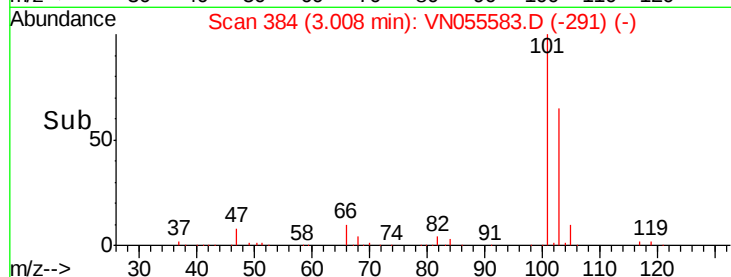
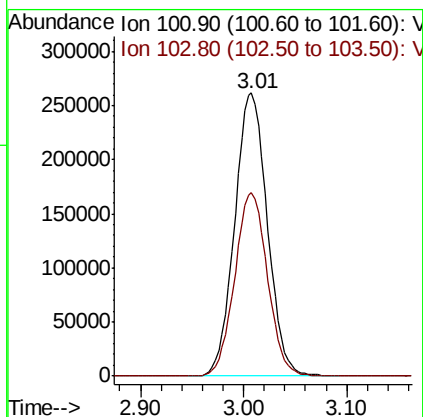
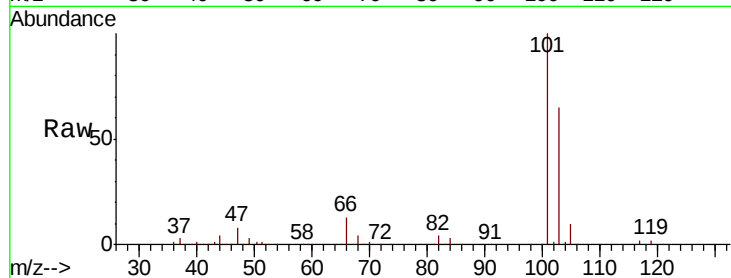


#7

Trichlorofluoromethane  
 Concen: 46.362 ug/l  
 RT: 3.01 min Scan# 384  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

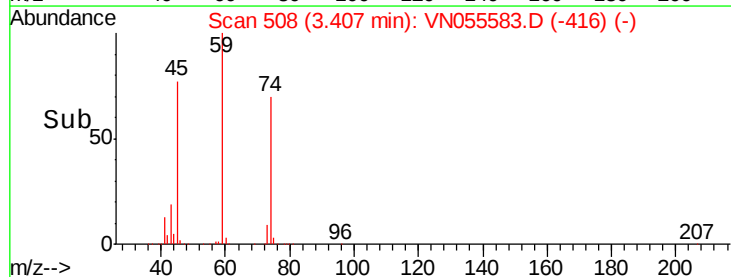
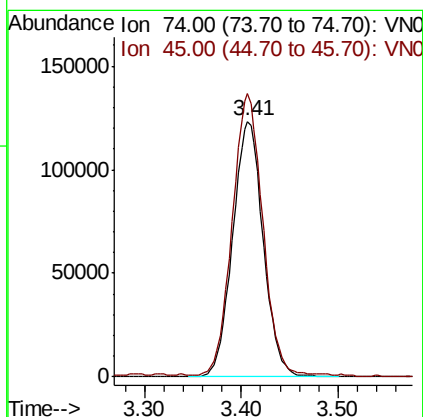
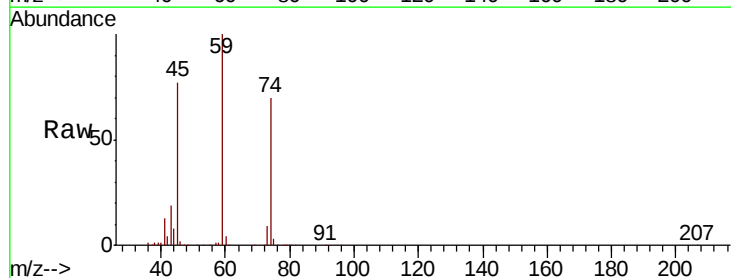
Tot Ion:101 Resp: 577289  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 51.2 76.8

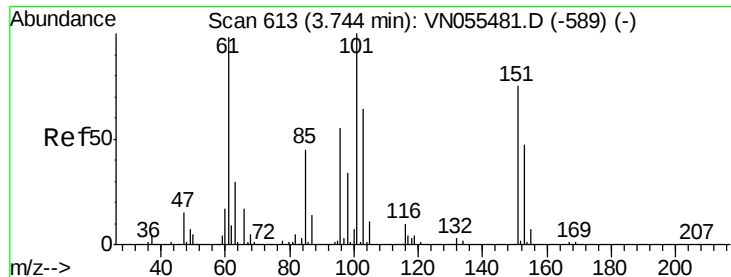


#8

Diethyl Ether  
 Concen: 48.305 ug/l  
 RT: 3.41 min Scan# 508  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

Tgt Ion: 74 Resp: 270132  
 Ion Ratio Lower Upper  
 74 100  
 45 109.8 58.1 174.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.921 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

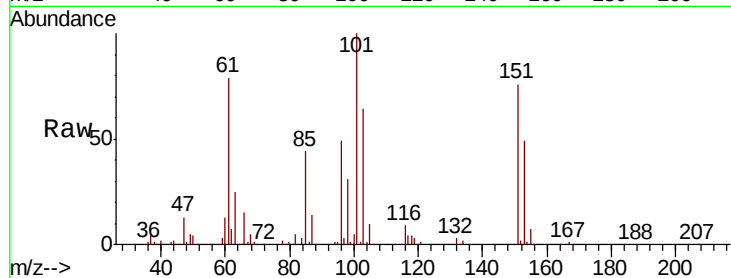
Tot Ion:101 Resp: 371718

Ion Ratio Lower Upper

101 100

85 43.2 35.5 53.3

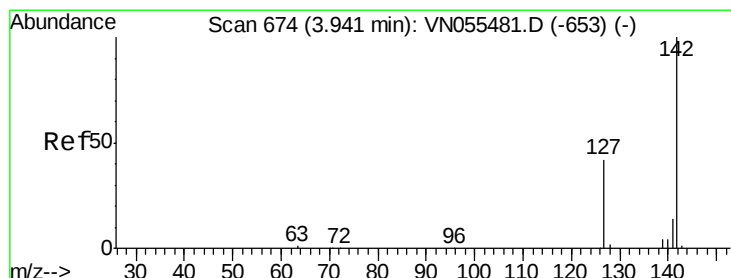
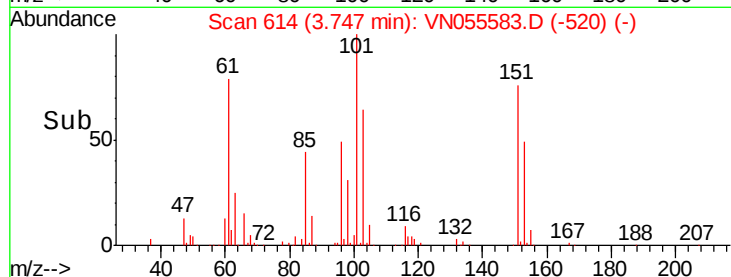
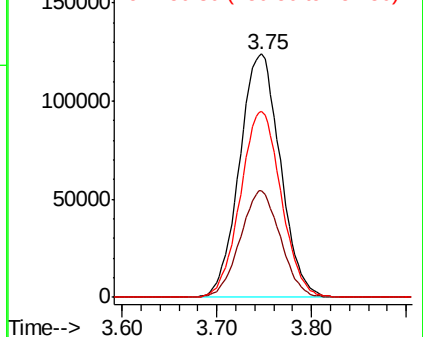
151 76.4 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.702 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

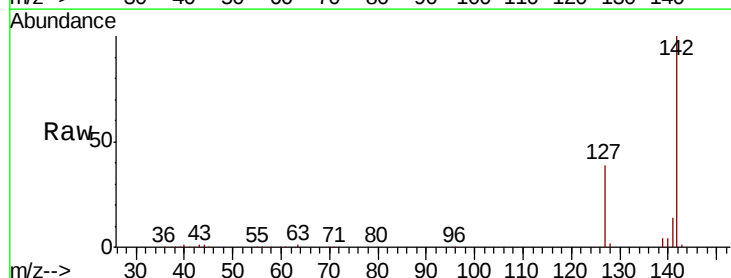
Tgt Ion:142 Resp: 500063

Ion Ratio Lower Upper

142 100

127 39.5 33.0 49.4

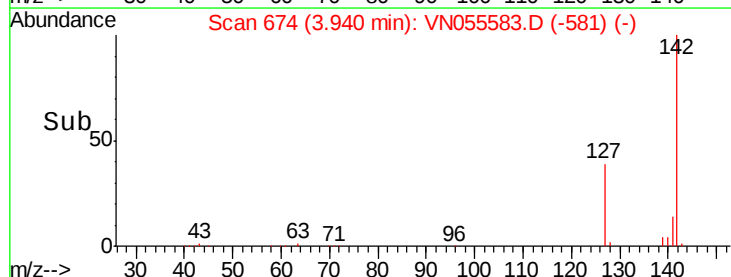
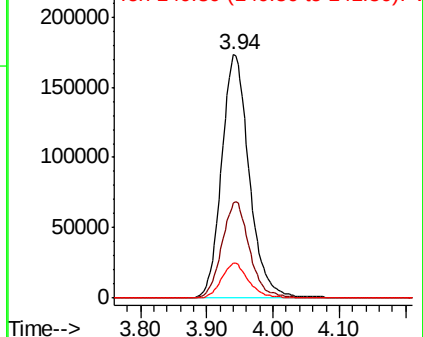
141 14.0 11.4 17.0

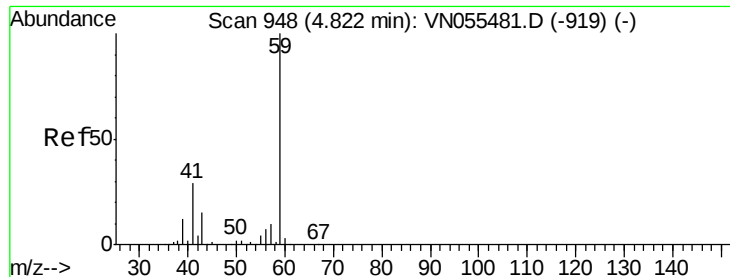


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



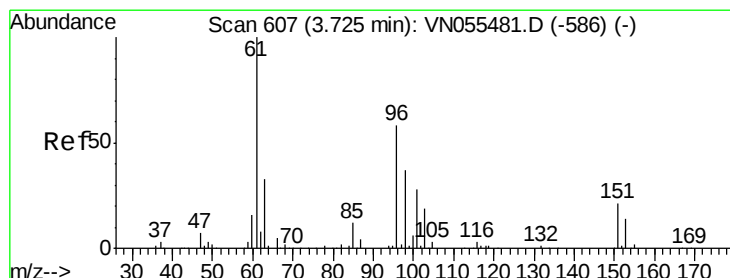
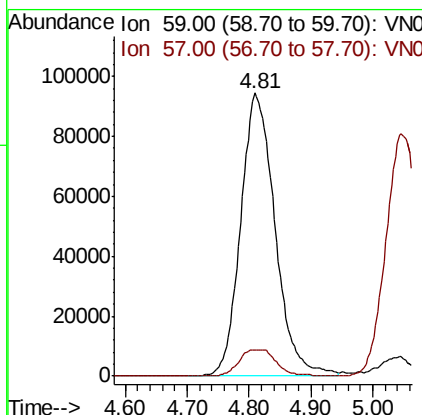
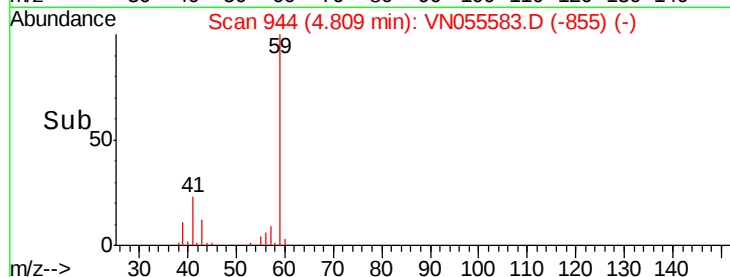
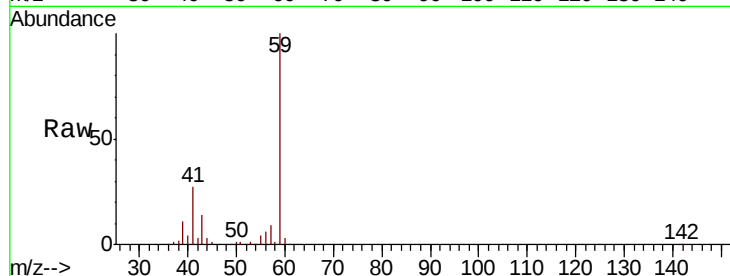


#11

Tert butyl alcohol  
Concen: 225.677 ug/l  
RT: 4.81 min Scan# 944  
Delta R.T. -0.01 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

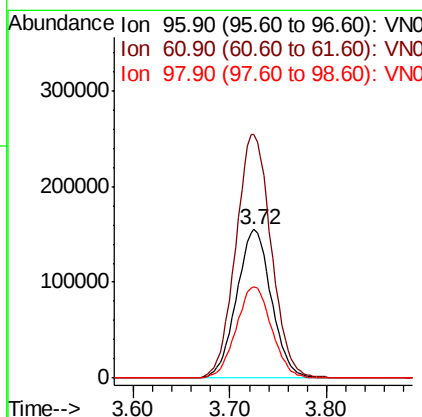
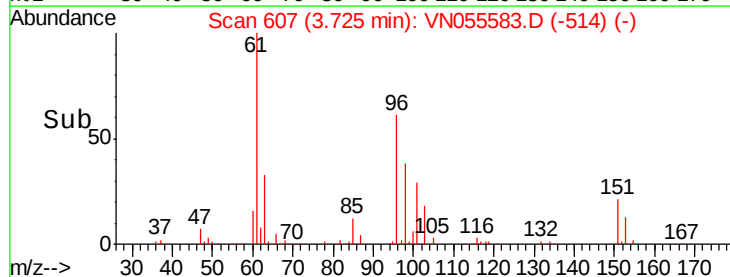
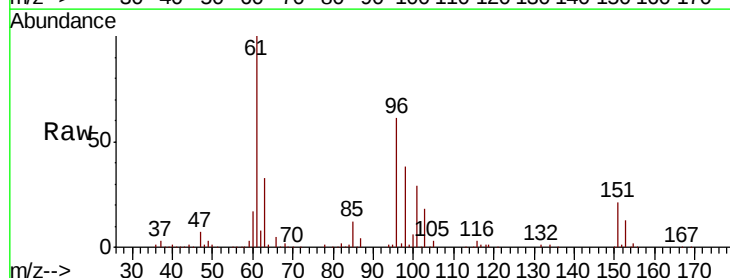
Tot Ion: 59 Resp: 364721  
Ion Ratio Lower Upper  
59 100  
57 5.8 8.0 12.0#

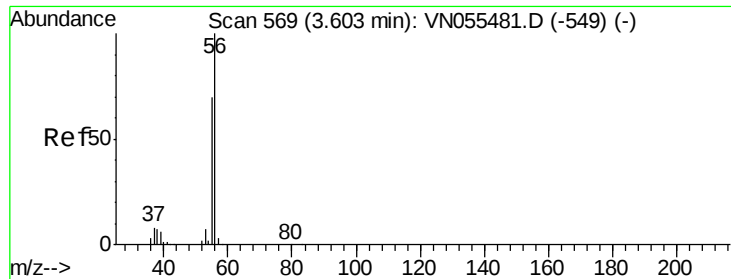


#12

1,1-Dichloroethene  
Concen: 48.838 ug/l  
RT: 3.72 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion: 96 Resp: 388026  
Ion Ratio Lower Upper  
96 100  
61 164.2 138.7 208.1  
98 61.9 50.6 76.0

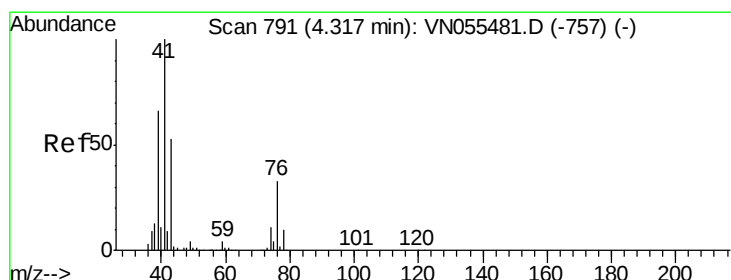
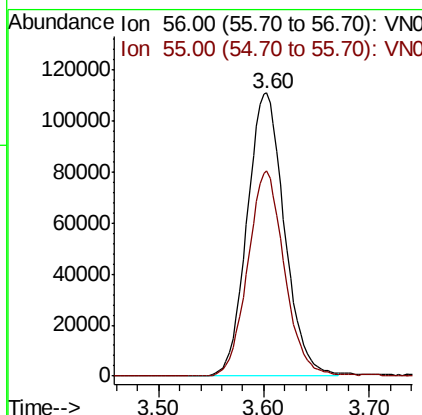
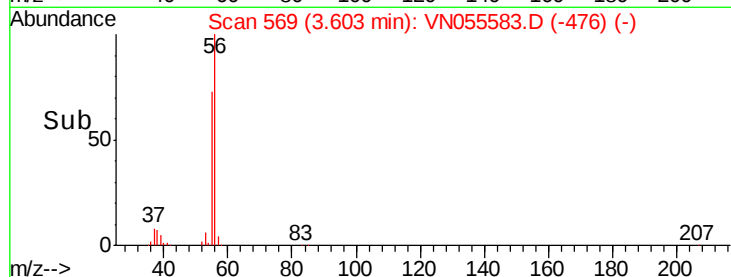
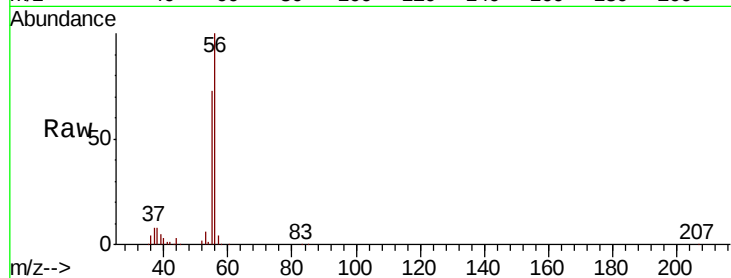




#13  
Acrolein  
Concen: 253.638 ug/l  
RT: 3.60 min Scan# 569  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

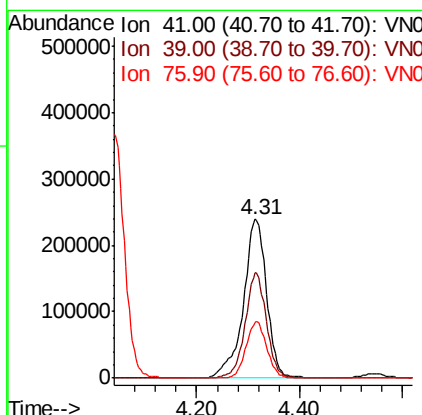
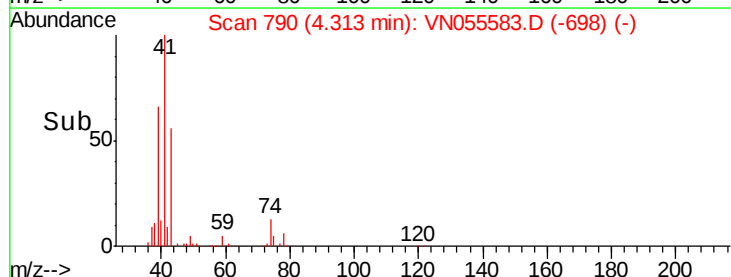
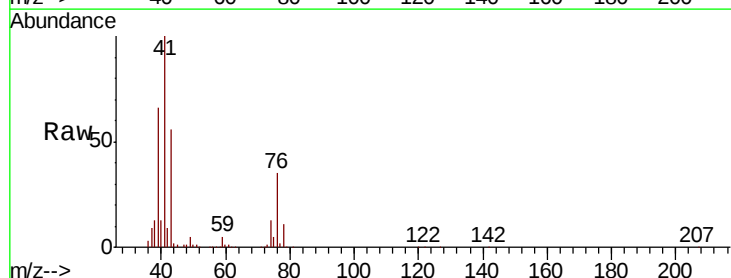
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

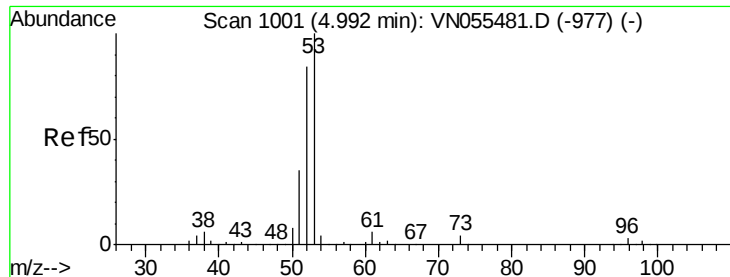
Tot Ion: 56 Resp: 273190  
Ion Ratio Lower Upper  
56 100  
55 70.8 57.7 86.5



#14  
Allyl chloride  
Concen: 46.099 ug/l  
RT: 4.31 min Scan# 790  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion: 41 Resp: 750282  
Ion Ratio Lower Upper  
41 100  
39 60.6 49.8 74.8  
76 31.2 23.5 35.3





#15

Acrylonitrile

Concen: 225.772 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

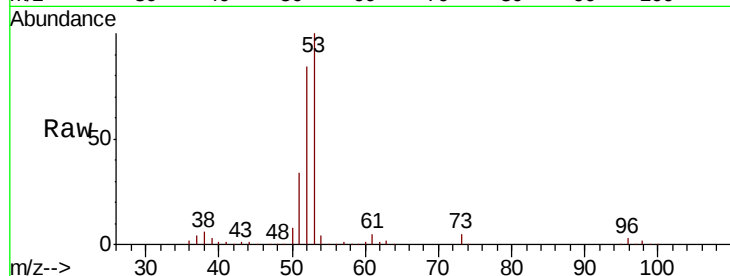
MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1129826

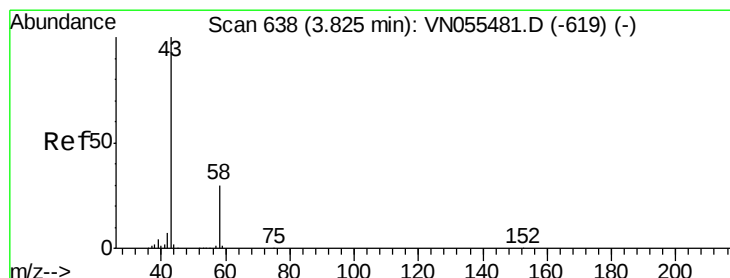
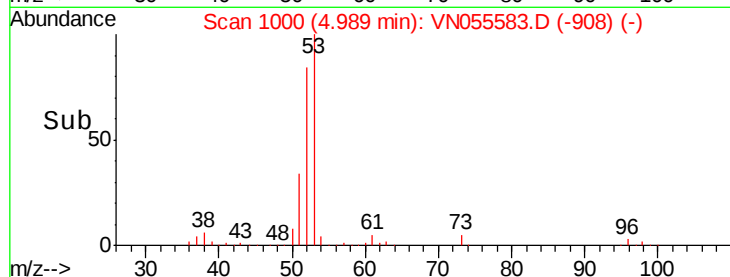
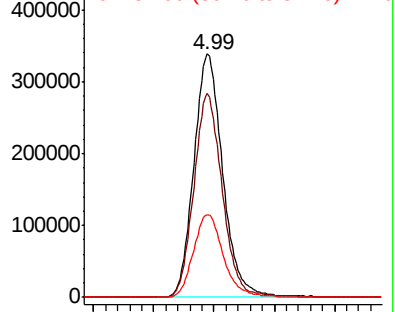
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.4  | 66.1  | 99.1  |
| 51  | 35.3  | 28.3  | 42.5  |



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 185.548 ug/l

RT: 3.82 min Scan# 636

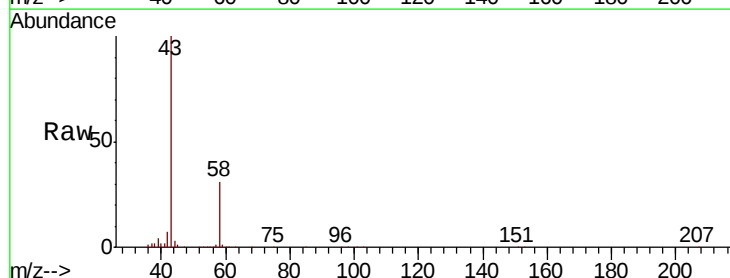
Delta R.T. -0.01 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

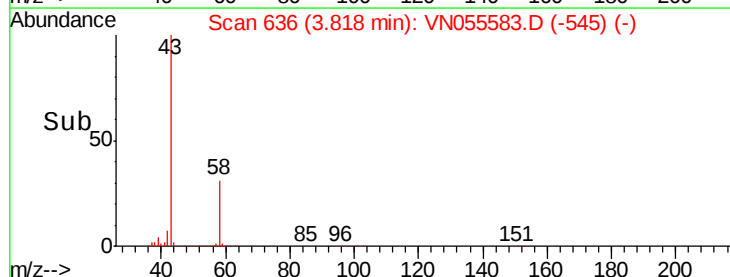
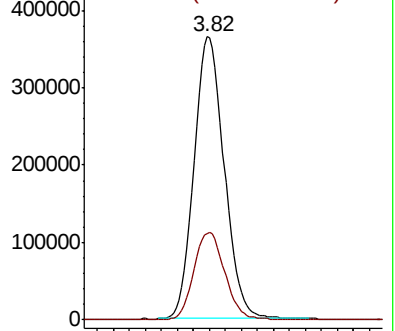
Tgt Ion: 43 Resp: 940377

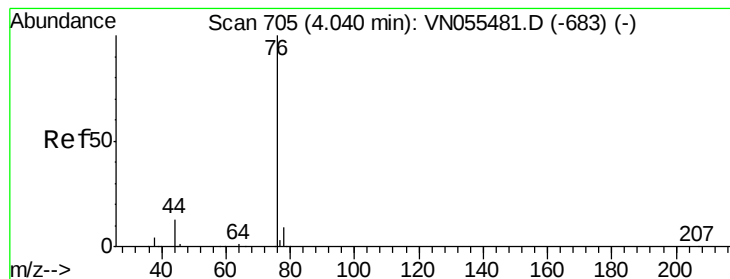
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.6  | 24.2  | 36.2  |



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 44.374 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

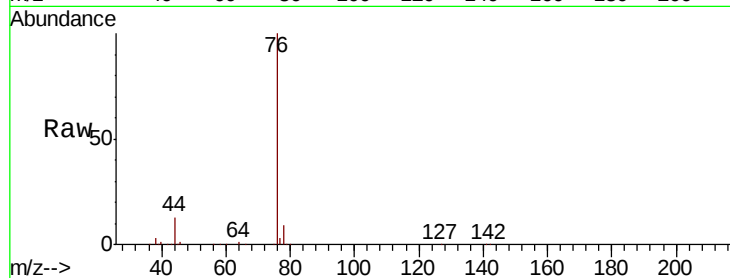
VSTDCCC050EC

Tot Ion: 76 Resp: 962250

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN055583.D (-612) (-)

Ion 77.90 (77.60 to 78.60): VN055583.D (-612) (-)

4.04

400000

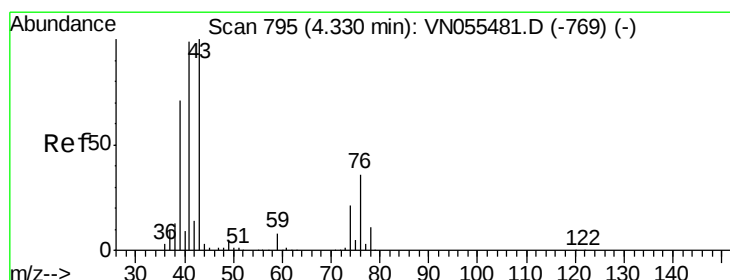
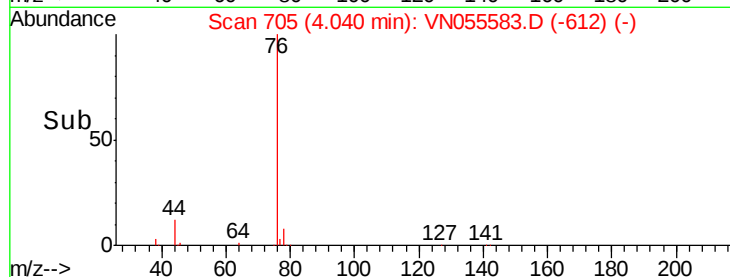
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 46.437 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN055583.D

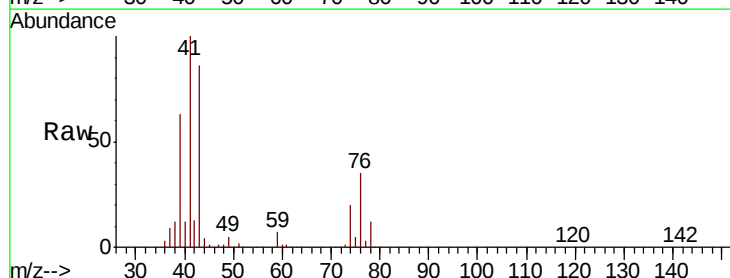
Acq: 13 May 2019 18:41

Tgt Ion: 43 Resp: 494709

Ion Ratio Lower Upper

43 100

74 22.0 16.3 24.5



Abundance Ion 43.00 (42.70 to 43.70): VN055583.D (-702) (-)

Ion 74.00 (73.70 to 74.70): VN055583.D (-702) (-)

4.33

200000

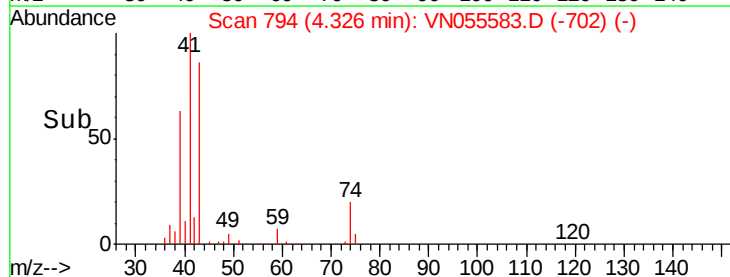
150000

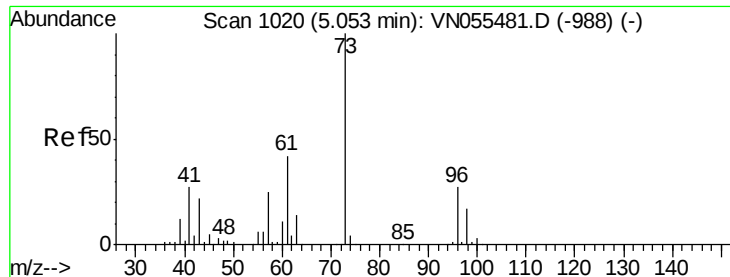
100000

50000

0

Time-->

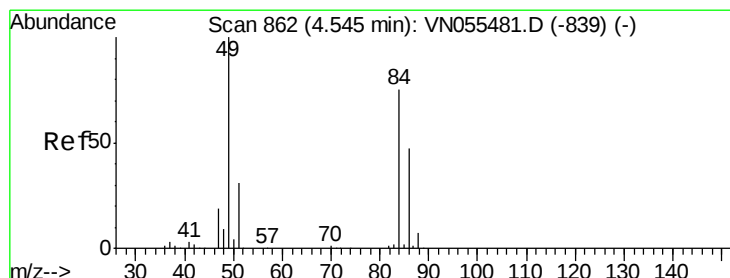
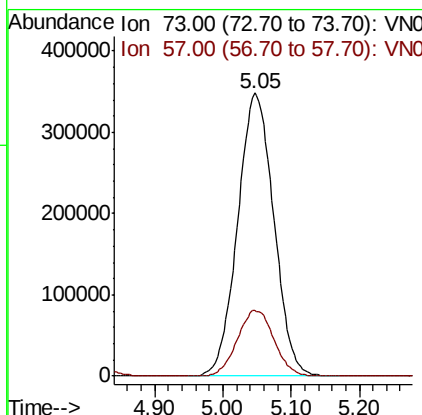
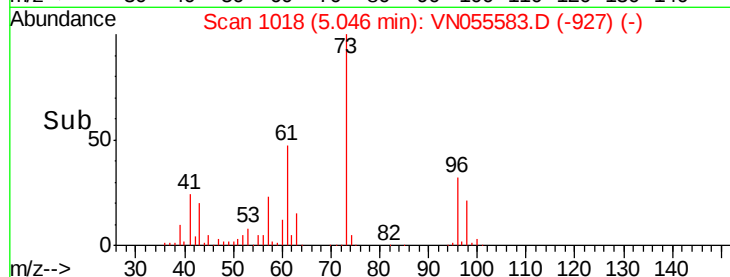
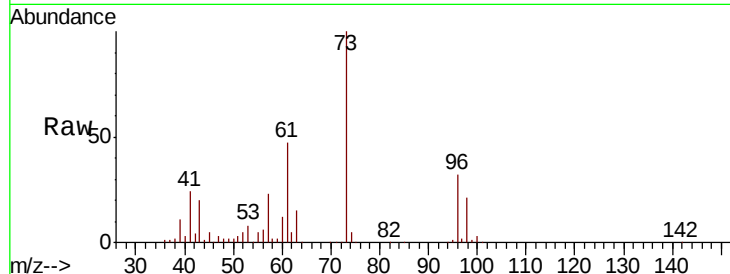




#19  
Methvl tert-butvl Ether  
Concen: 48.499 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

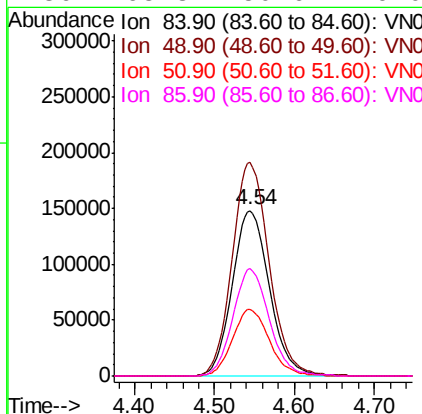
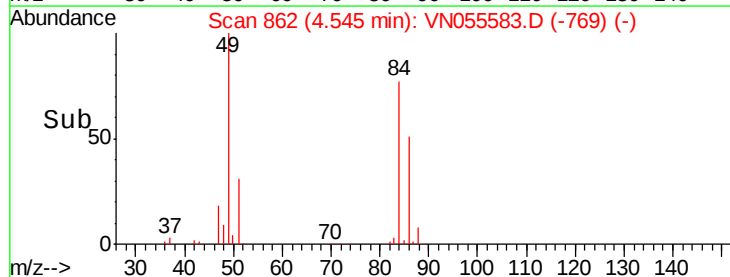
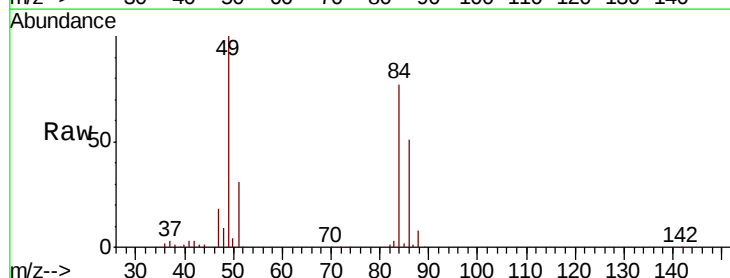
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

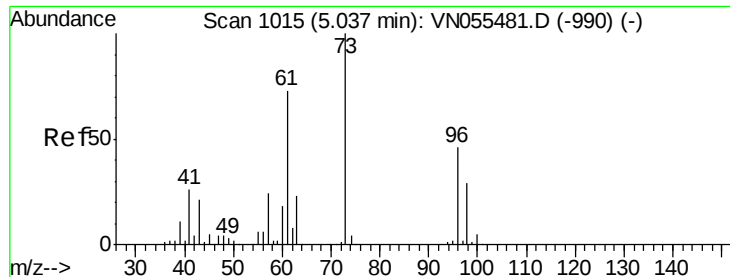
Tot Ion: 73 Resp: 1280387  
Ion Ratio Lower Upper  
73 100  
57 23.2 20.0 30.0



#20  
Methylene Chloride  
Concen: 45.063 ug/l  
RT: 4.54 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion: 84 Resp: 467007  
Ion Ratio Lower Upper  
84 100  
49 129.3 107.0 160.6  
51 40.6 33.0 49.4  
86 65.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 47.922 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

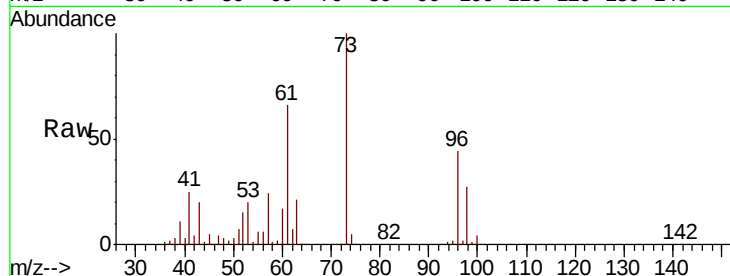
Tot Ion: 96 Resp: 412809

Ion Ratio Lower Upper

96 100

61 150.8 127.4 191.0

98 62.2 51.6 77.4

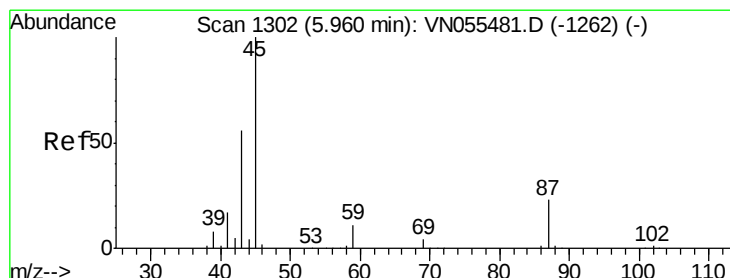
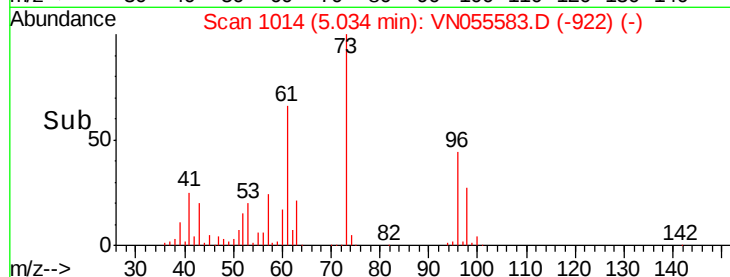
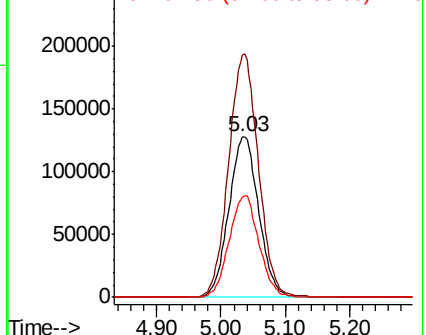


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 47.935 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Tgt Ion: 45 Resp: 1585375

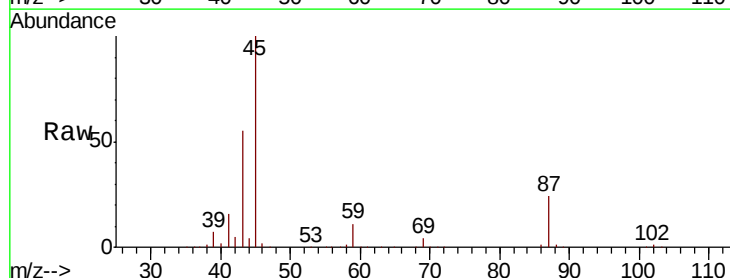
Ion Ratio Lower Upper

45 100

43 54.8 44.6 66.8

87 24.0 18.6 28.0

59 10.8 8.6 12.8



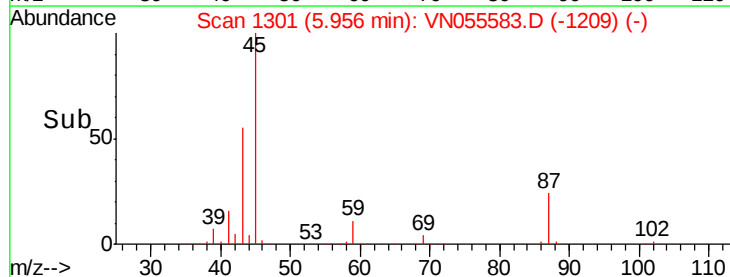
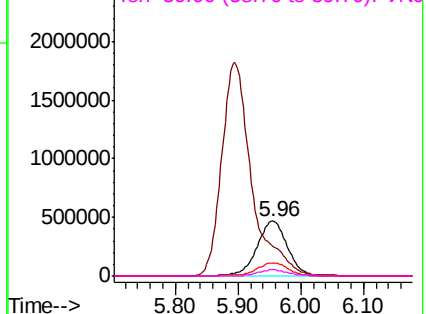
Abundance

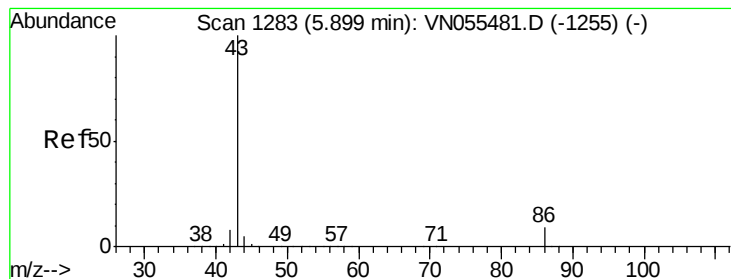
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 237.422 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

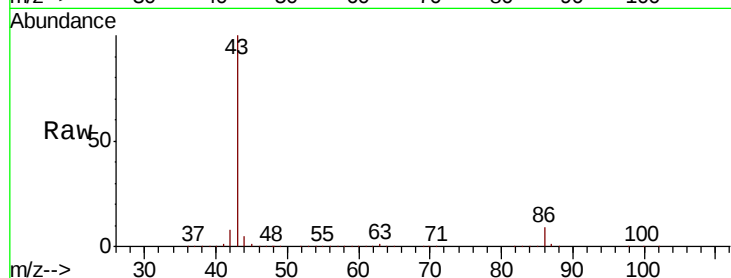
VSTDCCC050EC

Tot Ion: 43 Resp: 6072702

Ion Ratio Lower Upper

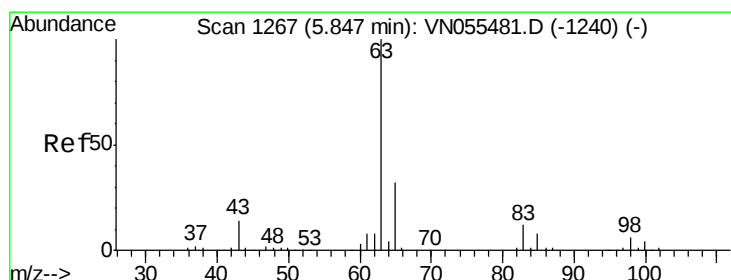
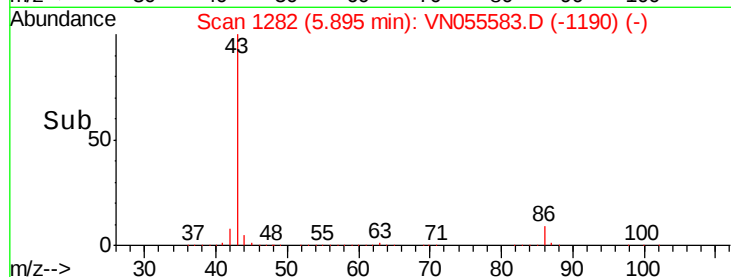
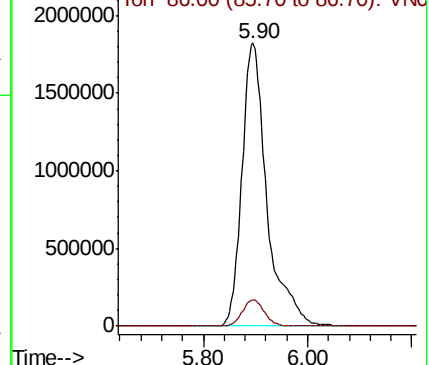
43 100

86 9.4 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.030 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

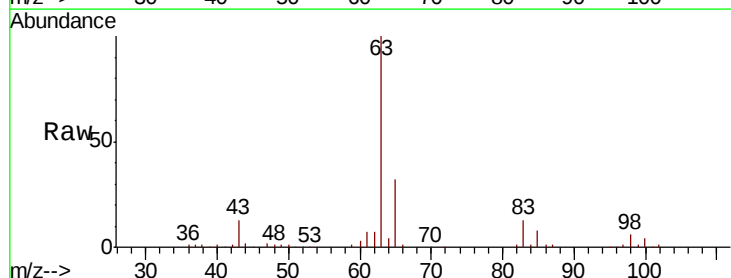
Tgt Ion: 63 Resp: 839655

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.0

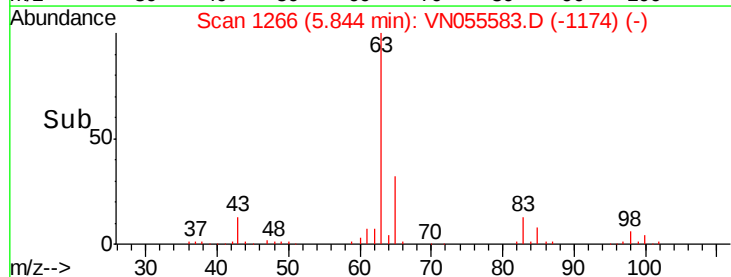
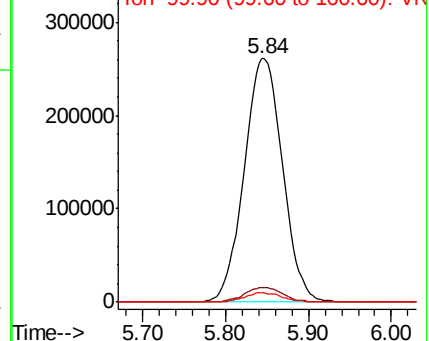
100 3.9 1.9 5.7

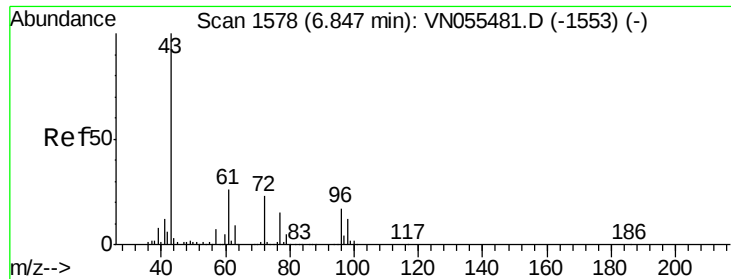


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

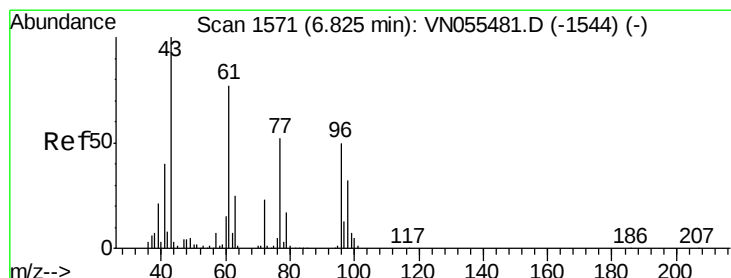
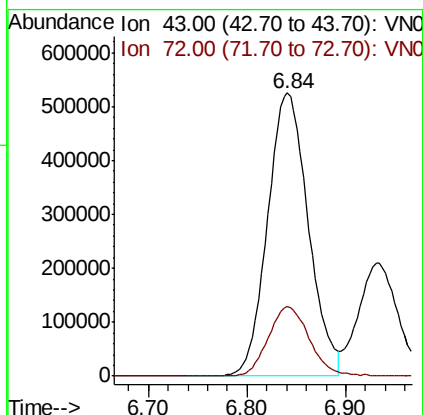
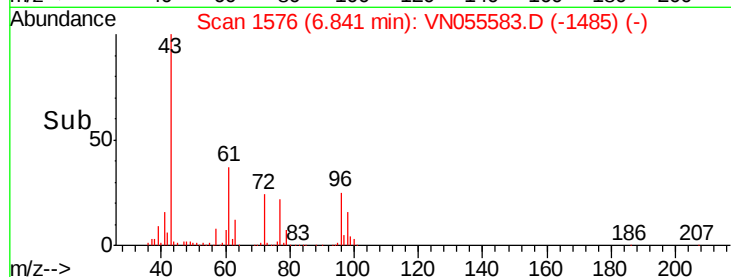
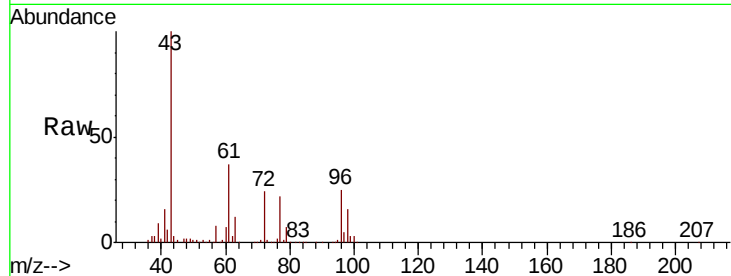




#25  
2-Butanone  
Concen: 214.425 ug/l  
RT: 6.84 min Scan# 1576  
Delta R.T. -0.01 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

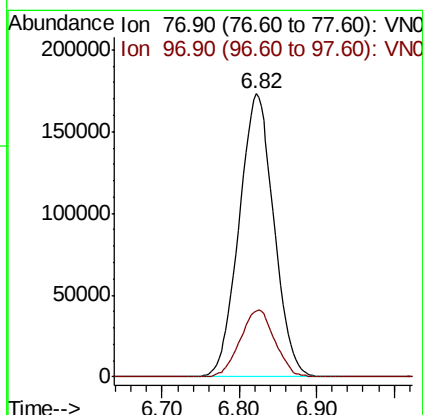
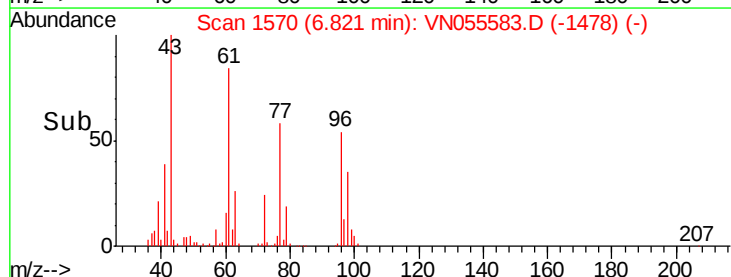
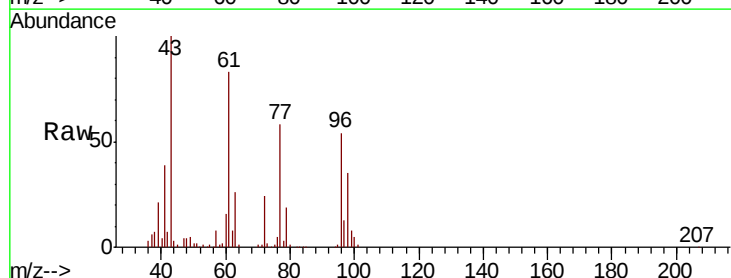
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

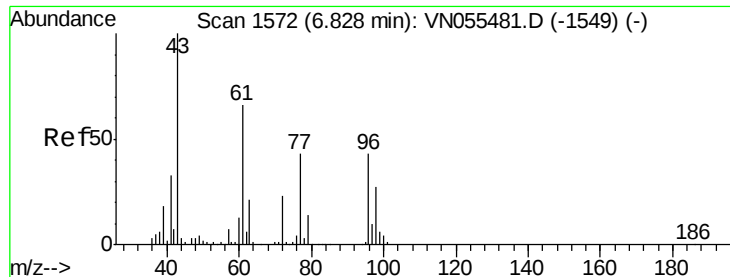
Tot Ion: 43 Resp: 1501186  
Ion Ratio Lower Upper  
43 100  
72 24.4 18.6 27.8



#26  
2,2-Dichloropropane  
Concen: 48.612 ug/l  
RT: 6.82 min Scan# 1570  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion: 77 Resp: 541038  
Ion Ratio Lower Upper  
77 100  
97 23.8 11.5 34.5

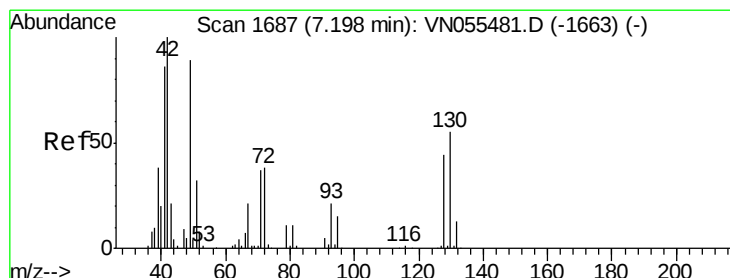
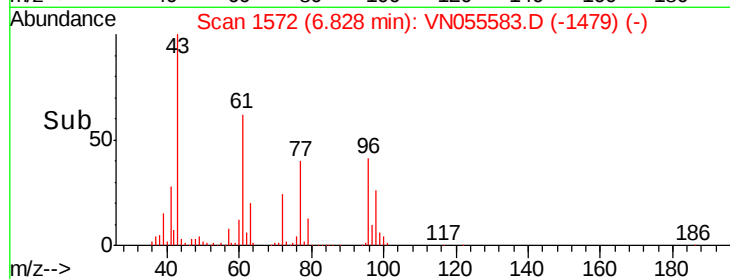
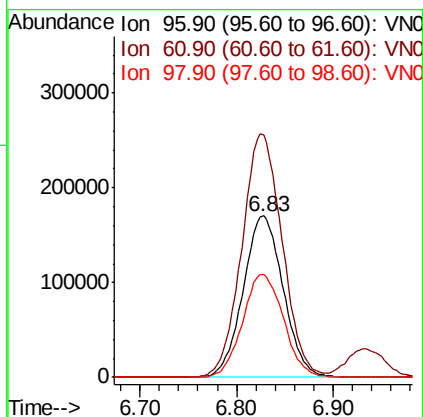
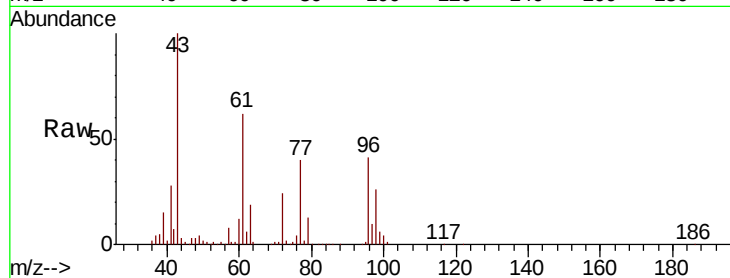




#27  
 cis-1,2-Dichloroethene  
 Concen: 49.211 ug/l  
 RT: 6.83 min Scan# 1572  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

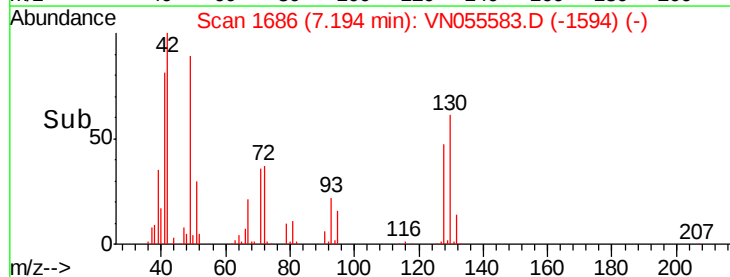
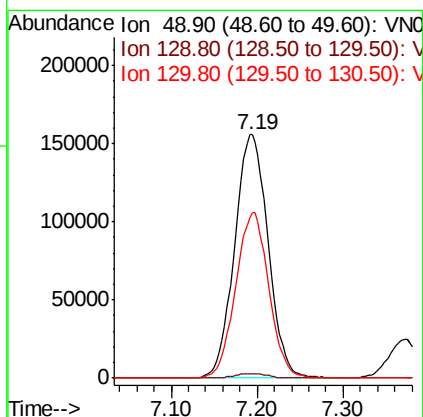
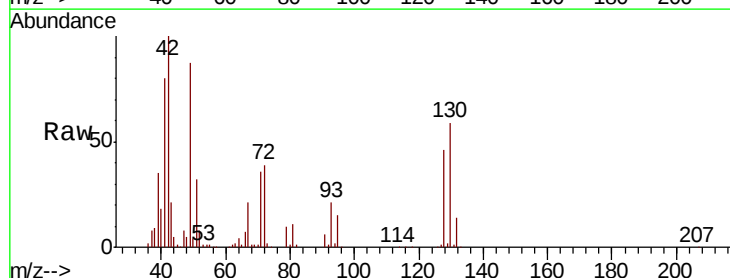
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

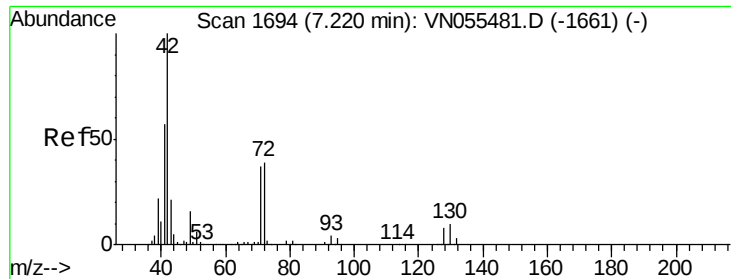
Tot Ion: 96 Resp: 489923  
 Ion Ratio Lower Upper  
 96 100  
 61 152.2 0.0 310.8  
 98 65.2 0.0 129.4



#28  
 Bromochloromethane  
 Concen: 45.539 ug/l  
 RT: 7.19 min Scan# 1686  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

Tgt Ion: 49 Resp: 422230  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 3.2  
 130 67.2 49.5 74.3

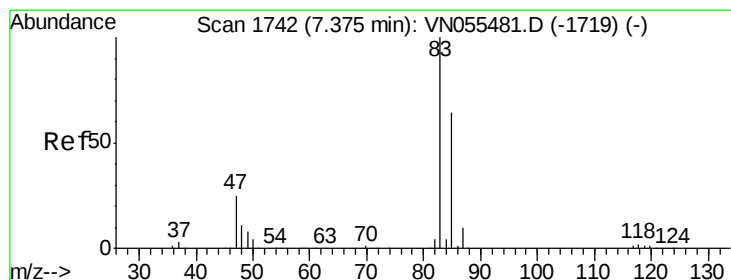
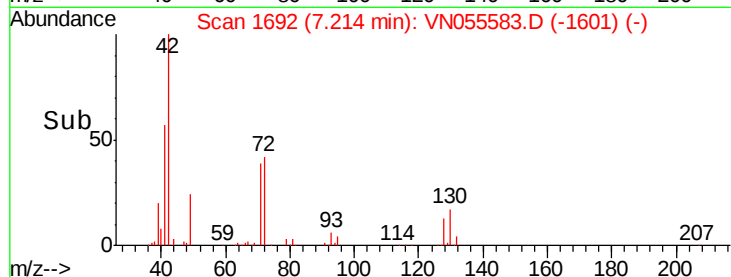
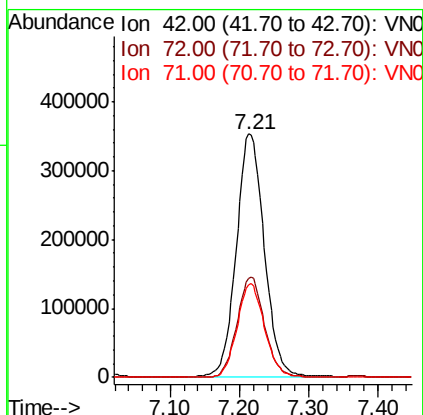
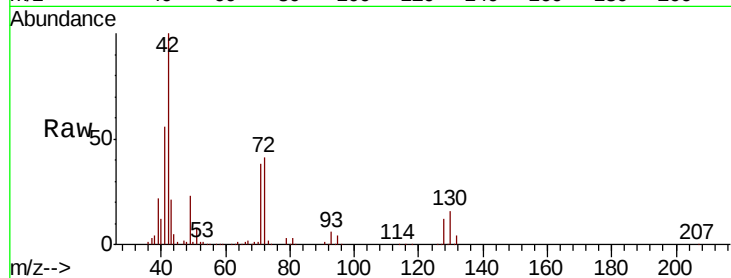




#29  
Tetrahydrofuran  
Concen: 215.175 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. -0.01 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

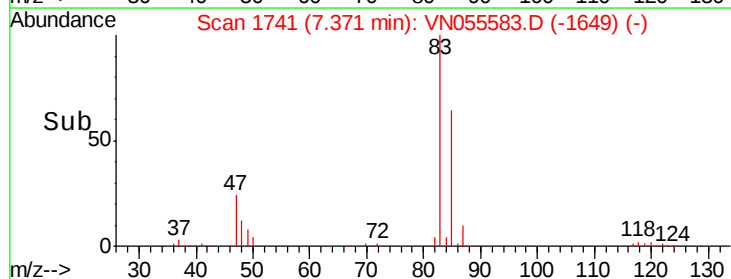
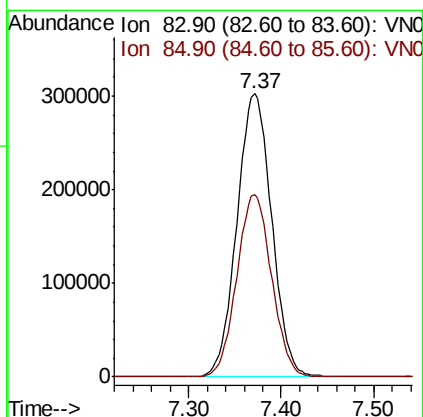
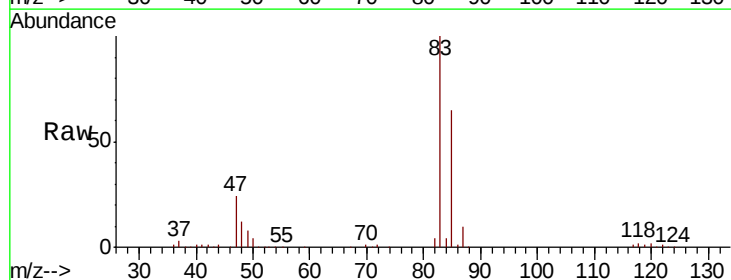
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

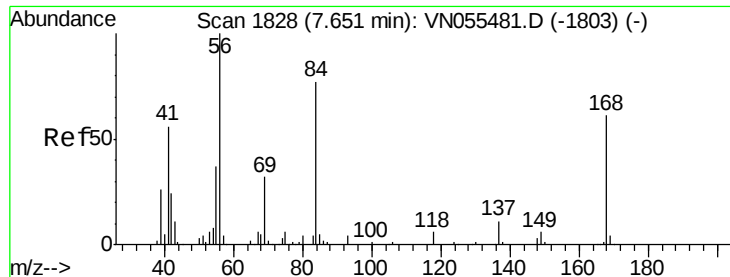
Tot Ion: 42 Resp: 995877  
Ion Ratio Lower Upper  
42 100  
72 40.1 31.0 46.6  
71 37.7 29.4 44.2



#30  
Chloroform  
Concen: 47.715 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion: 83 Resp: 787531  
Ion Ratio Lower Upper  
83 100  
85 64.6 51.3 76.9

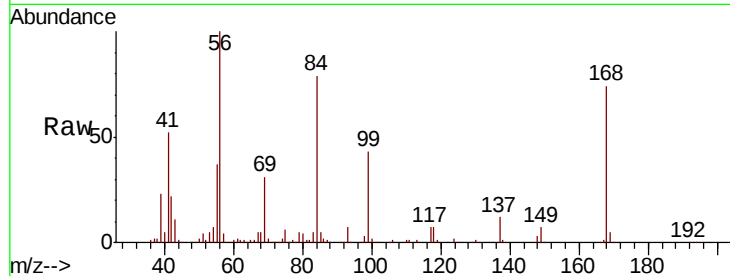




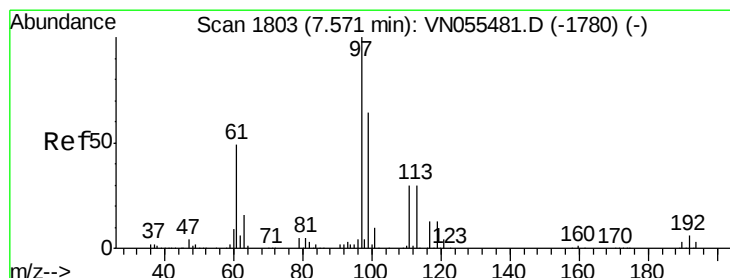
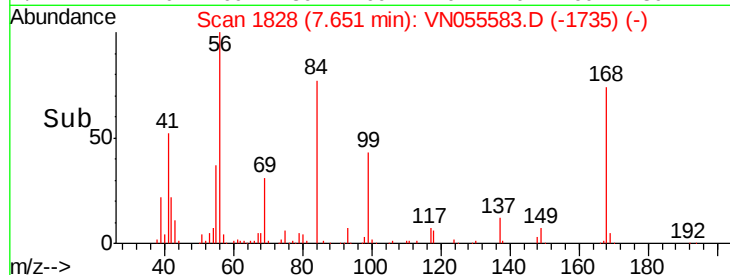
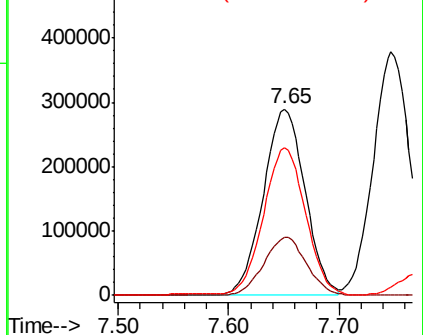
#31  
Cyclohexane  
Concen: 43.053 ug/l  
RT: 7.65 min Scan# 1828  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 56 Resp: 760514  
Ion Ratio Lower Upper  
56 100  
69 31.0 26.0 39.0  
84 77.9 61.9 92.9

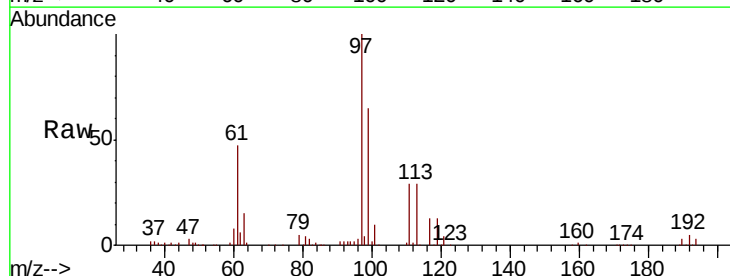


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

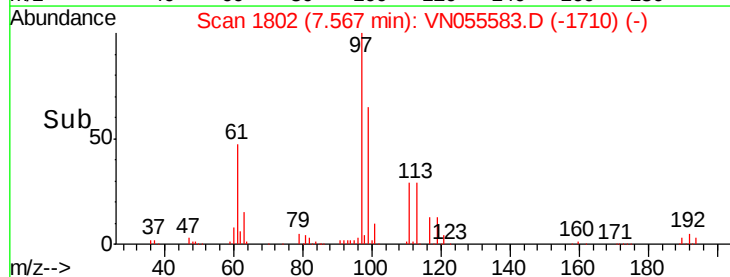
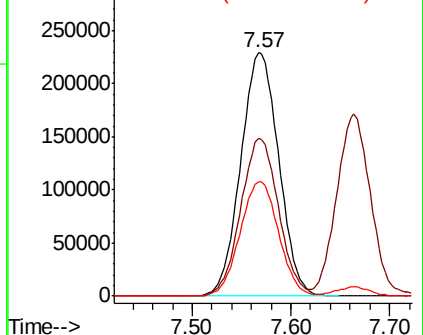


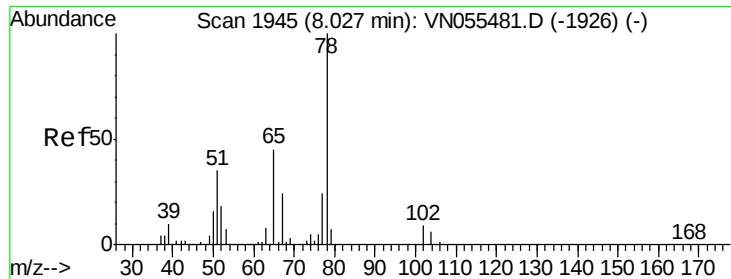
#32  
1,1,1-Trichloroethane  
Concen: 48.568 ug/l  
RT: 7.57 min Scan# 1802  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion: 97 Resp: 610437  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.2 76.8  
61 47.6 39.2 58.8



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

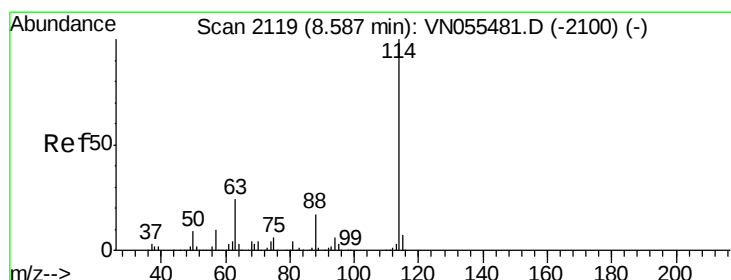
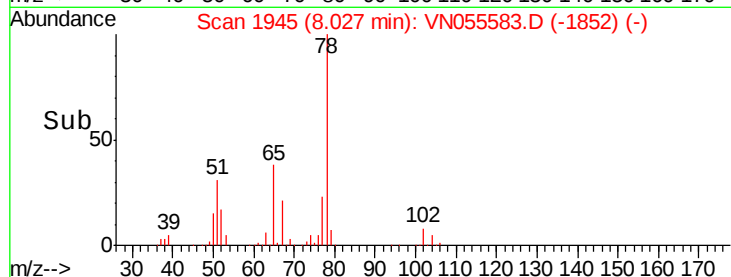
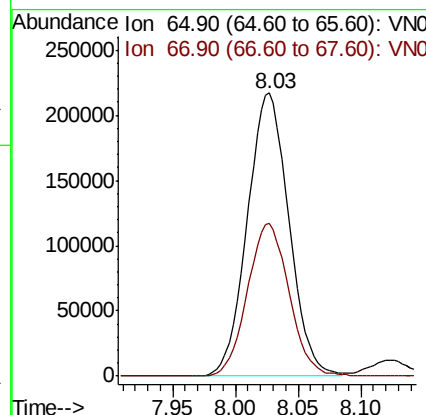
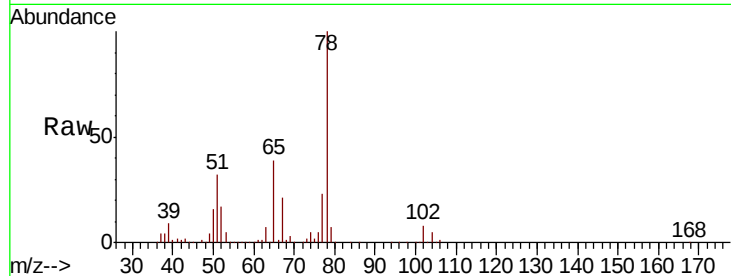




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.726 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

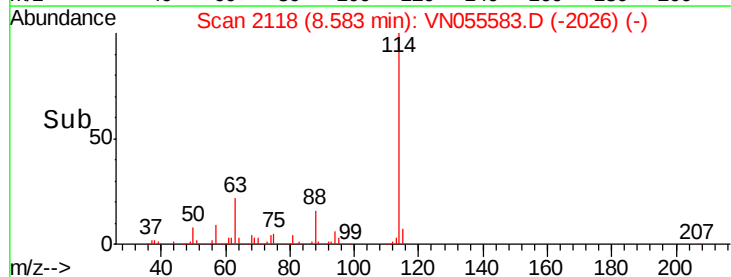
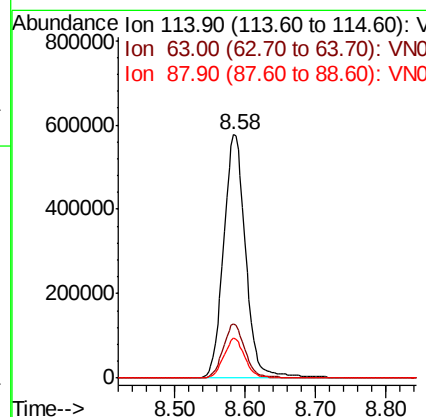
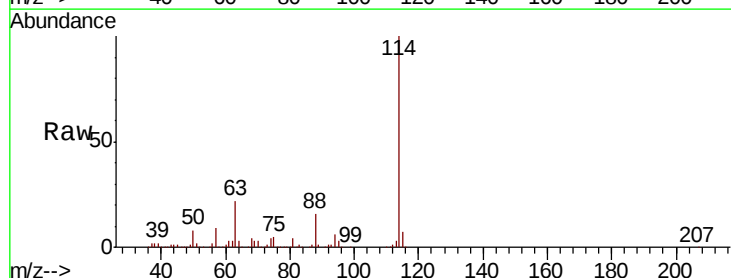
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 65 Resp: 500499  
 Ion Ratio Lower Upper  
 65 100  
 67 54.1 0.0 109.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

Tgt Ion: 114 Resp: 1262358  
 Ion Ratio Lower Upper  
 114 100  
 63 22.2 0.0 47.4  
 88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.950 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

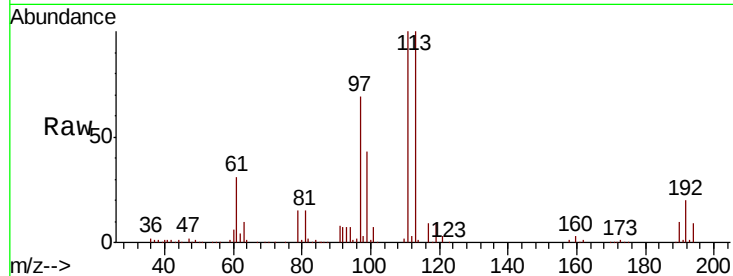
Tot Ion:113 Resp: 406753

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

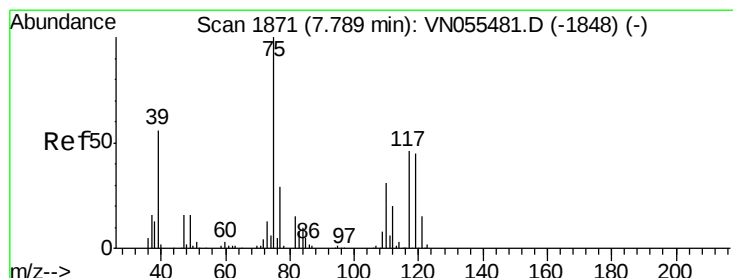
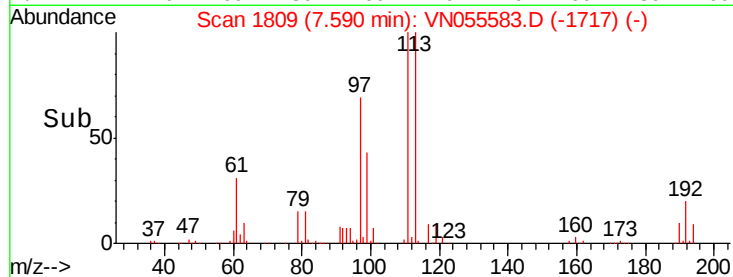
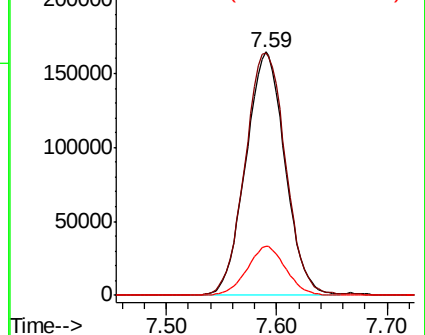
192 19.8 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.326 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

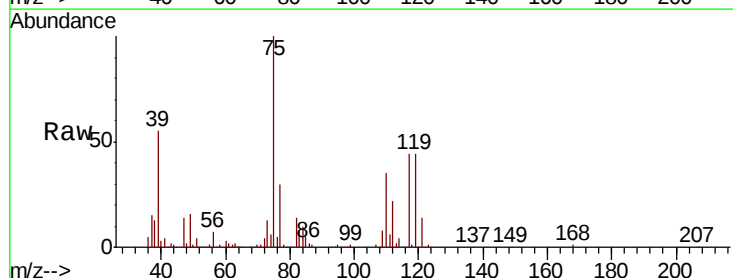
Tgt Ion: 75 Resp: 601003

Ion Ratio Lower Upper

75 100

110 34.2 16.1 48.3

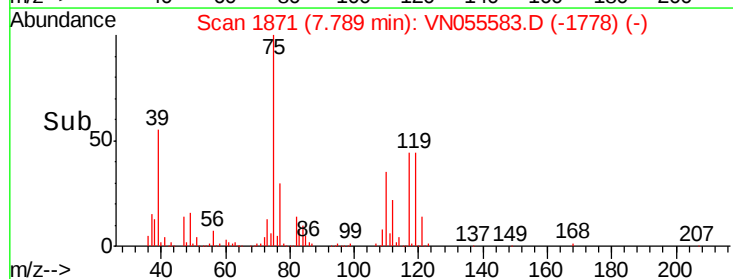
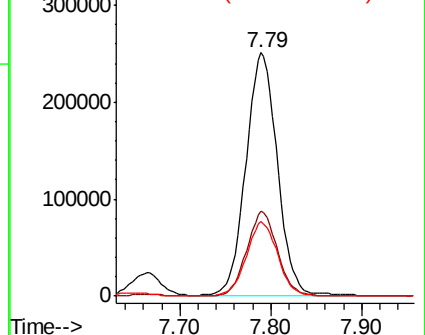
77 30.7 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

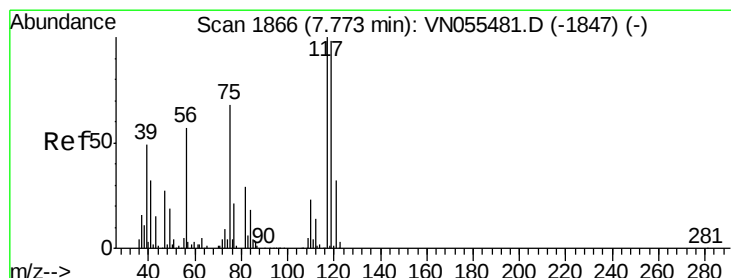
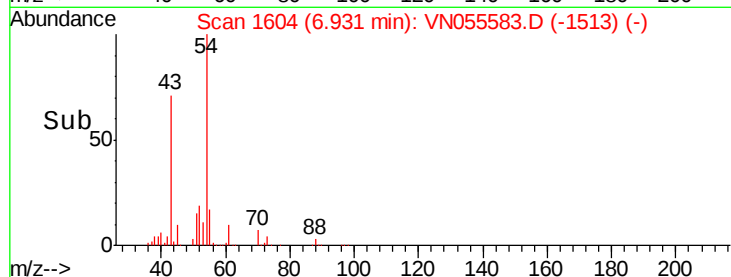
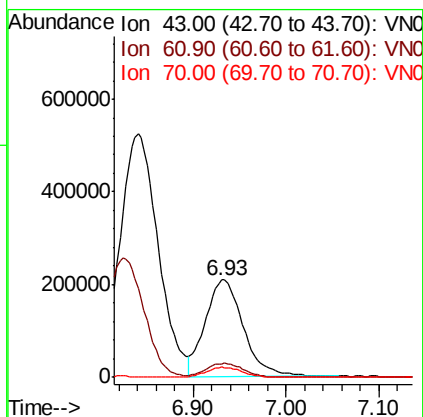
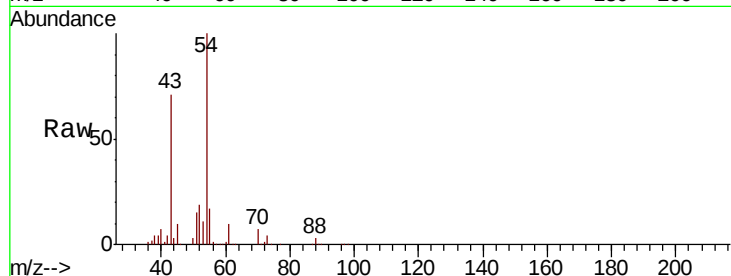




#37  
Ethyl Acetate  
Concen: 43.812 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. -0.01 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

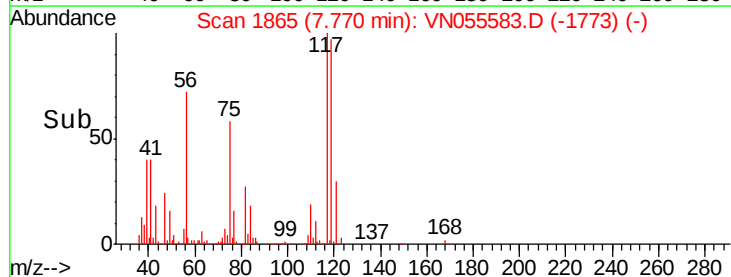
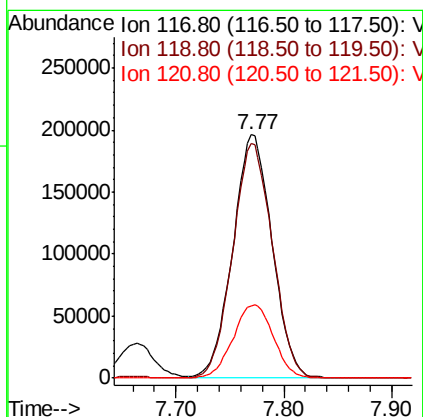
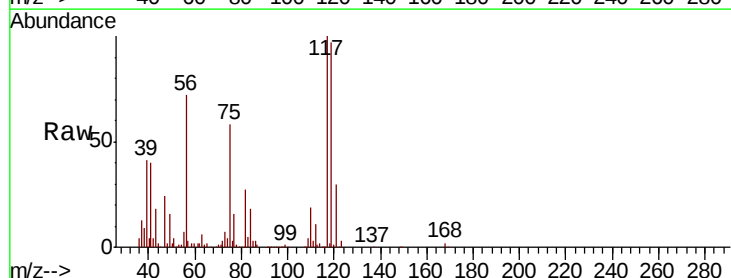
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

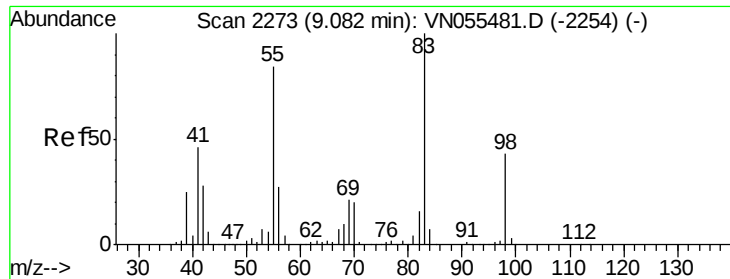
Tot Ion: 43 Resp: 594363  
Ion Ratio Lower Upper  
43 100  
61 14.0 10.9 16.3  
70 10.1 7.0 10.6



#38  
Carbon Tetrachloride  
Concen: 47.379 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion: 117 Resp: 496151  
Ion Ratio Lower Upper  
117 100  
119 96.6 77.8 116.6  
121 29.7 25.2 37.8

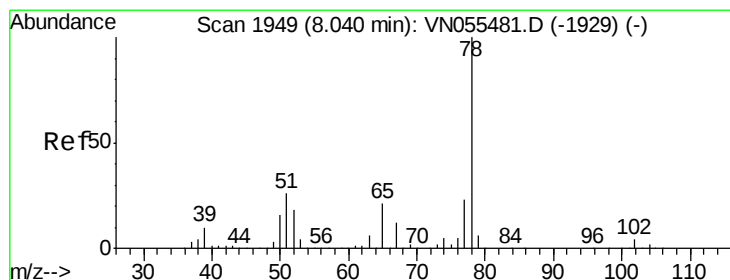
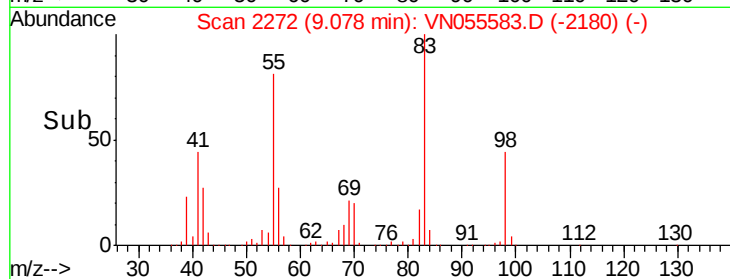
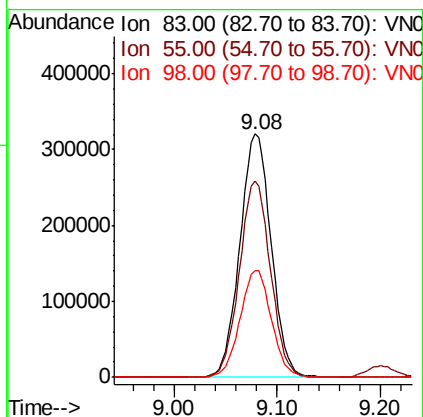
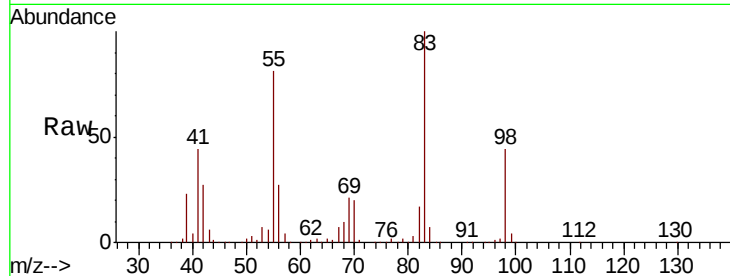




#39  
Methvlcvclohexane  
Concen: 44.708 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

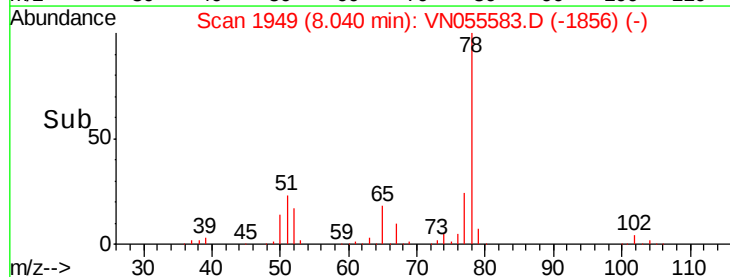
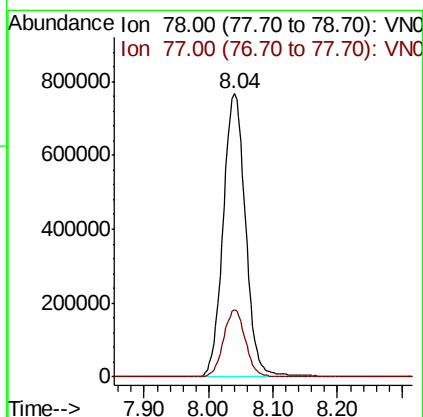
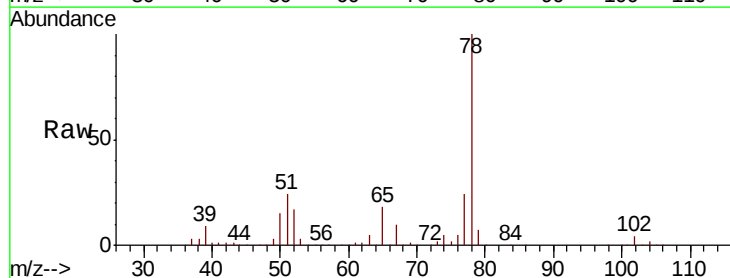
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

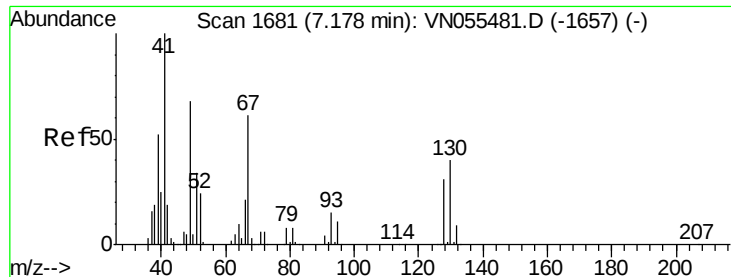
Tot Ion: 83 Resp: 677914  
Ion Ratio Lower Upper  
83 100  
55 80.7 67.0 100.4  
98 44.0 34.2 51.4



#40  
Benzene  
Concen: 48.107 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion: 78 Resp: 1856821  
Ion Ratio Lower Upper  
78 100  
77 23.7 18.6 27.8





#41

Methacrylonitrile

Concen: 138.853 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.04 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 874291

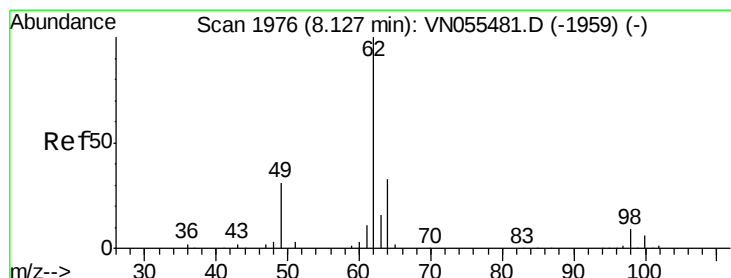
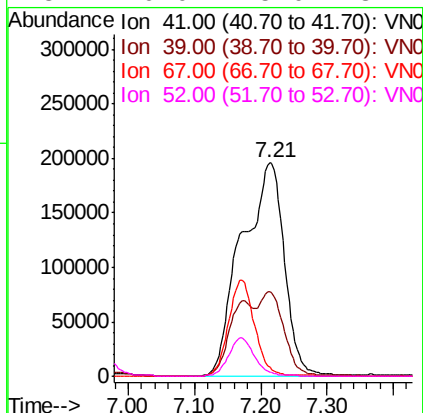
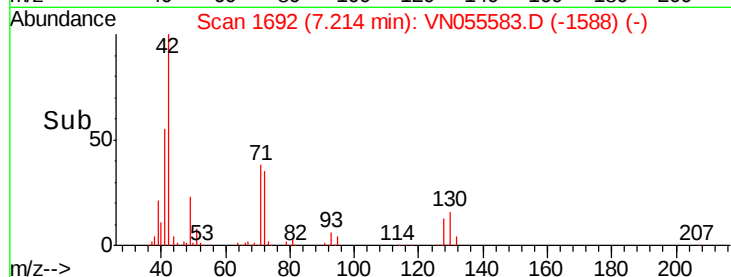
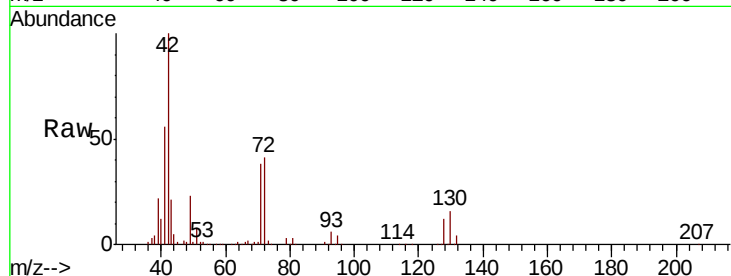
Ion Ratio Lower Upper

41 100

39 0.0 44.7 67.1#

67 0.0 61.4 92.0#

52 0.0 25.0 37.4#



#42

1,2-Dichloroethane

Concen: 45.373 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN055583.D

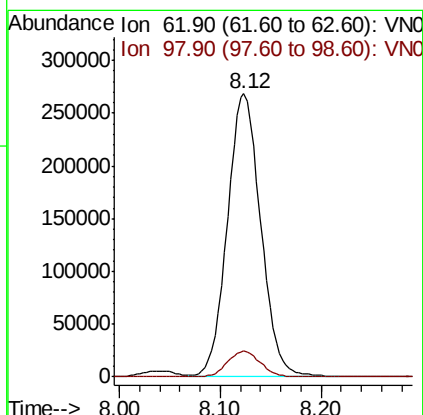
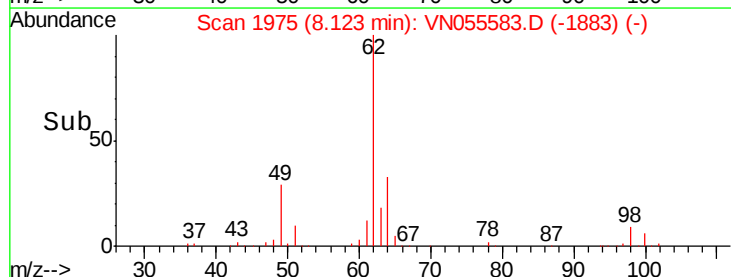
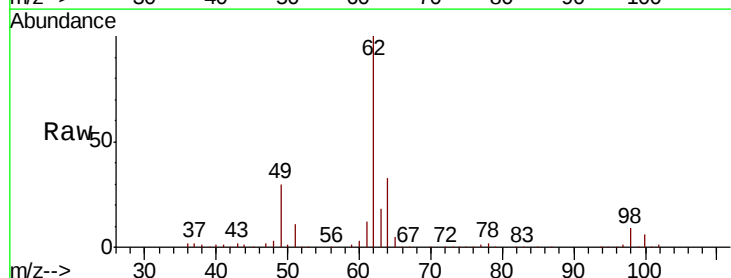
Acq: 13 May 2019 18:41

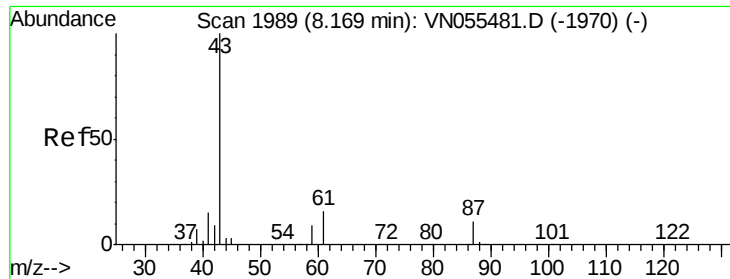
Tgt Ion: 62 Resp: 615277

Ion Ratio Lower Upper

62 100

98 9.0 0.0 17.4





#43

Isopropyl Acetate

Concen: 46.329 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

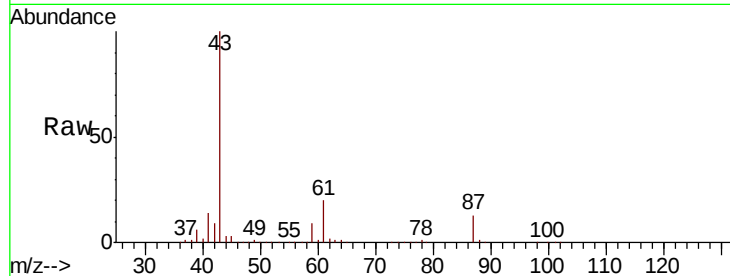
Tot Ion: 43 Resp: 954841

Ion Ratio Lower Upper

43 100

61 21.0 15.1 22.7

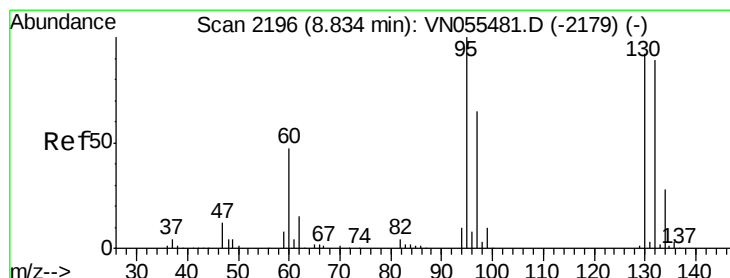
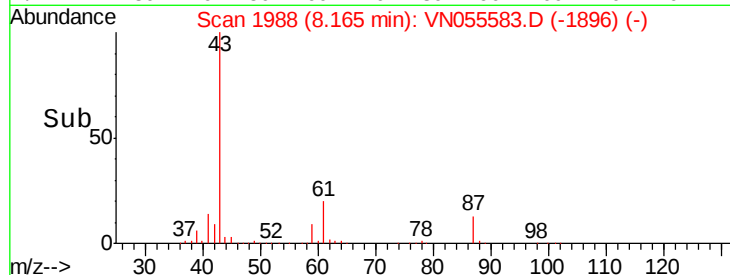
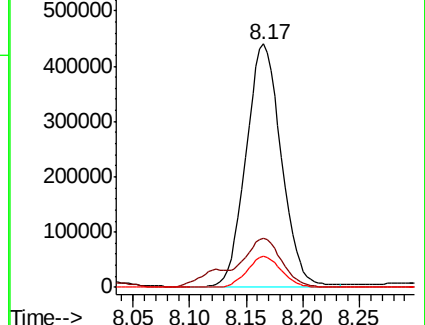
87 12.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055583.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN055583.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN055583.D (-2103) (-)



#44

Trichloroethene

Concen: 48.820 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055583.D

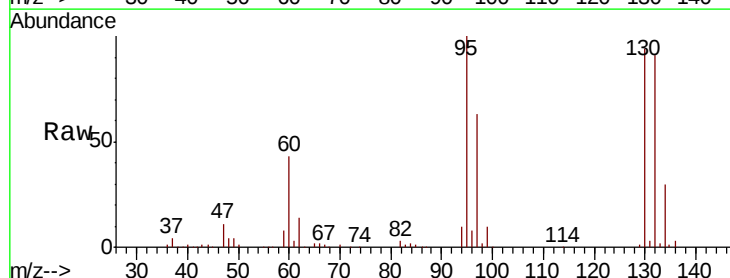
Acq: 13 May 2019 18:41

Tgt Ion: 130 Resp: 448357

Ion Ratio Lower Upper

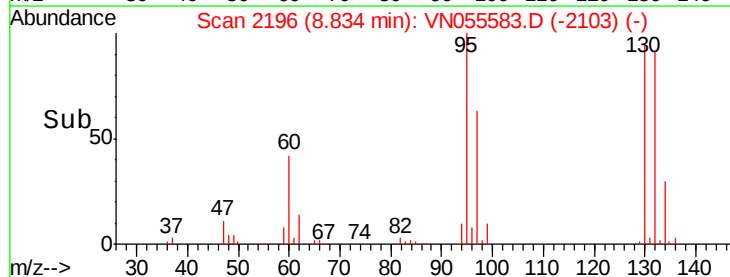
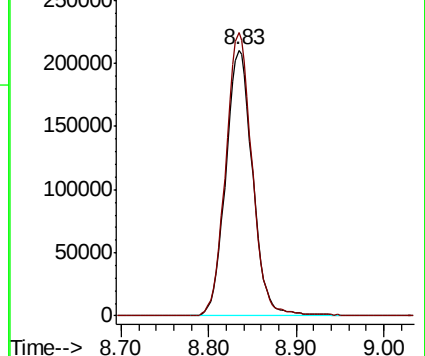
130 100

95 106.5 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055583.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055583.D (-2103) (-)

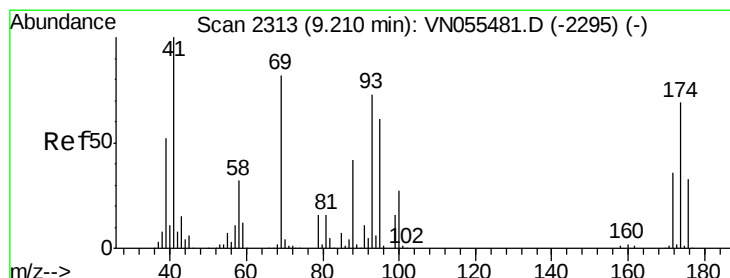
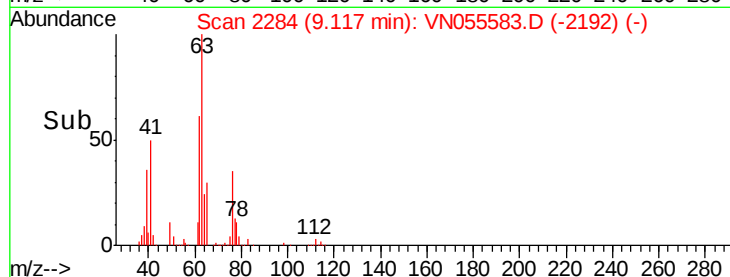
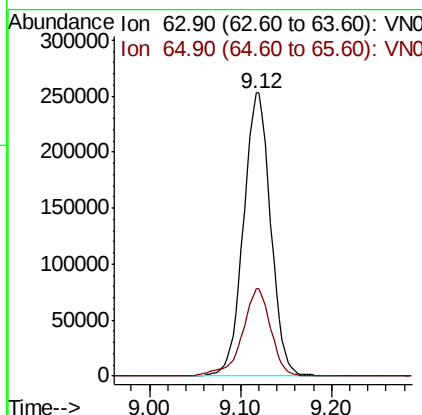
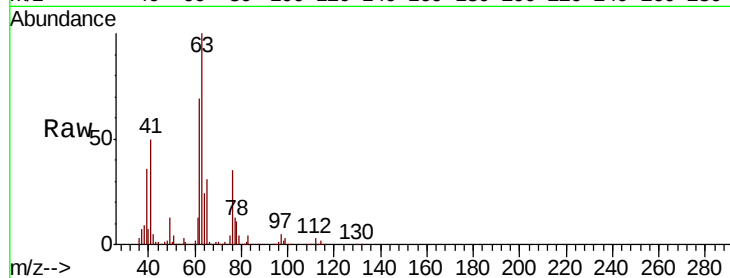




#45  
 1,2-Dichloropropane  
 Concen: 47.505 ug/l  
 RT: 9.12 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

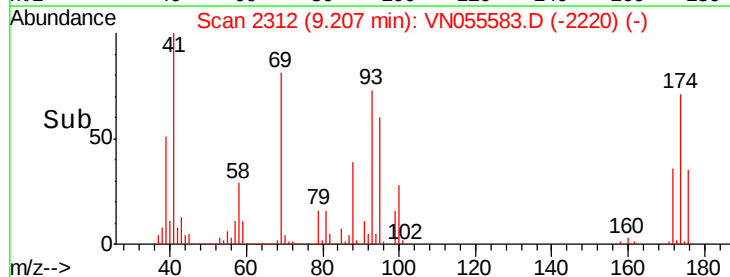
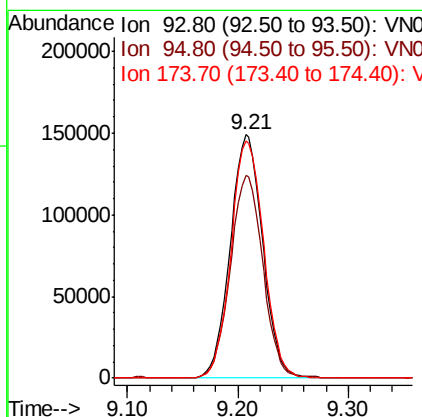
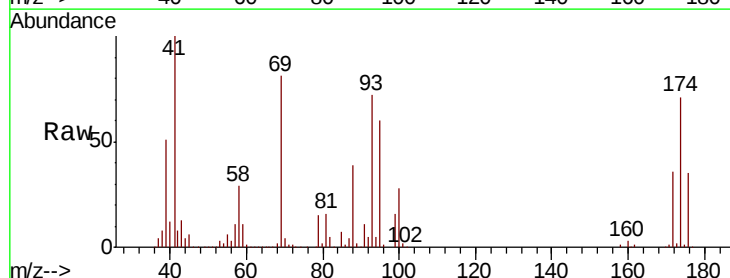
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

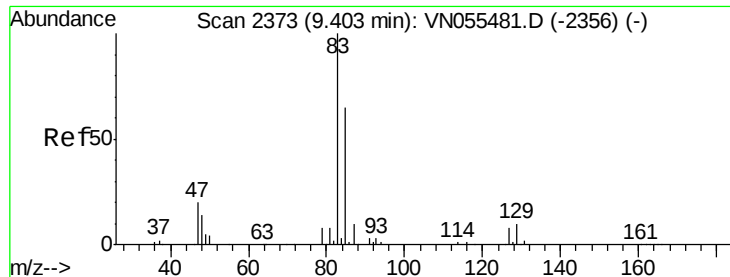
Tot Ion: 63 Resp: 524629  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 24.1 36.1



#46  
 Dibromomethane  
 Concen: 47.496 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

Tgt Ion: 93 Resp: 304037  
 Ion Ratio Lower Upper  
 93 100  
 95 83.4 64.8 97.2  
 174 98.2 75.0 112.6





#47

Bromodichloromethane

Concen: 48.816 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

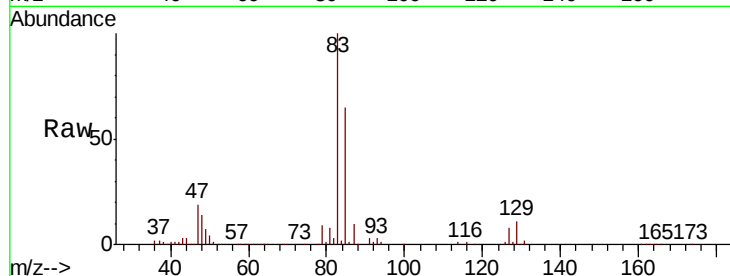
Tot Ion: 83 Resp: 597802

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.2

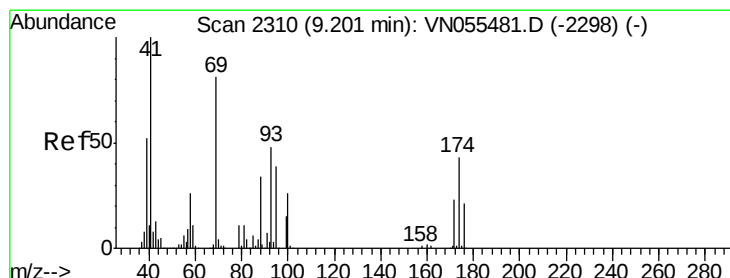
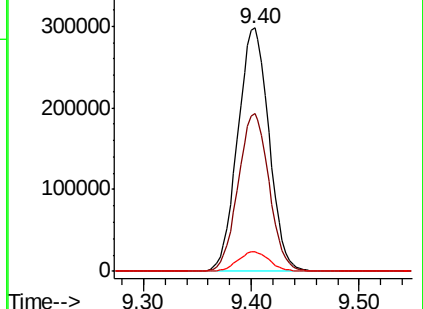
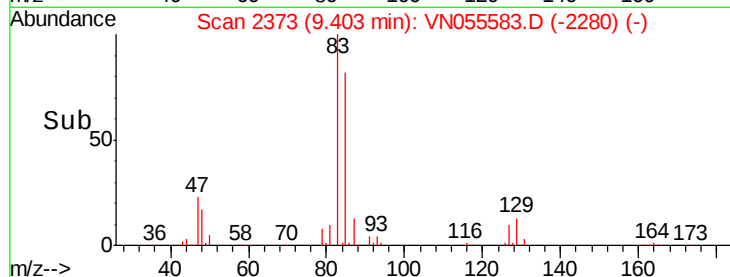
127 8.0 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN055583.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055583.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055583.D (-2280) (-)



#48

Methyl methacrylate

Concen: 45.480 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

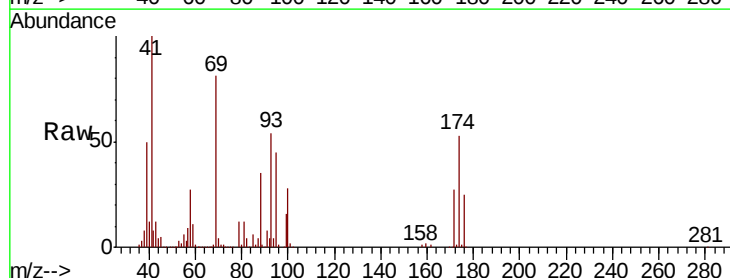
Tgt Ion: 41 Resp: 451620

Ion Ratio Lower Upper

41 100

69 86.3 64.2 96.2

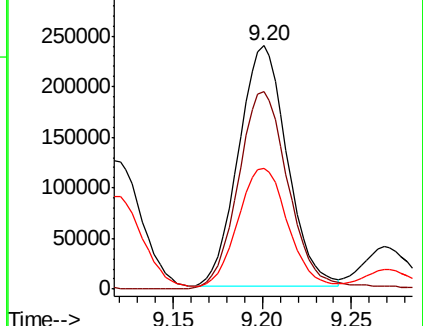
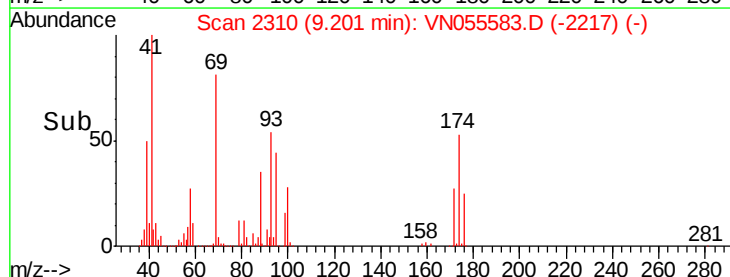
39 52.2 41.6 62.4

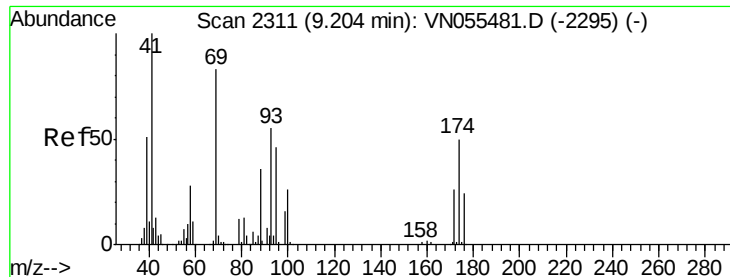


Abundance Ion 41.00 (40.70 to 41.70): VN055583.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055583.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055583.D (-2217) (-)

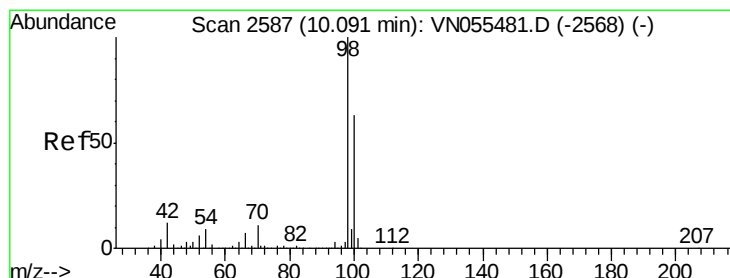
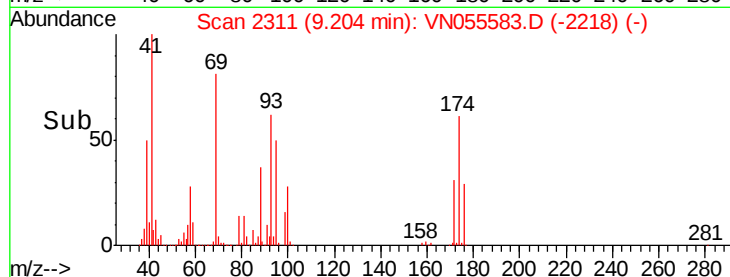
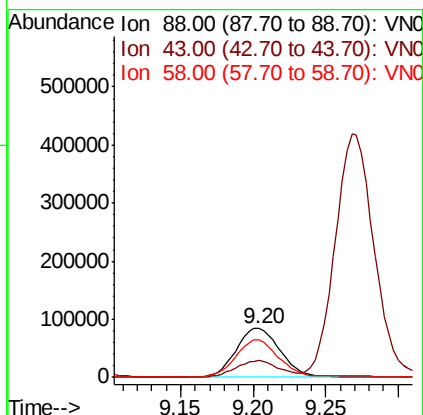
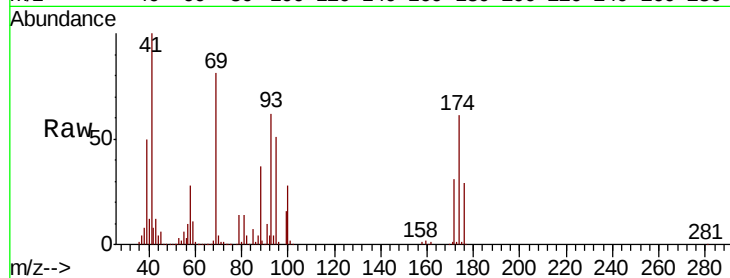




#49  
1,4-Dioxane  
Concen: 930.919 ug/l  
RT: 9.20 min Scan# 2311  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

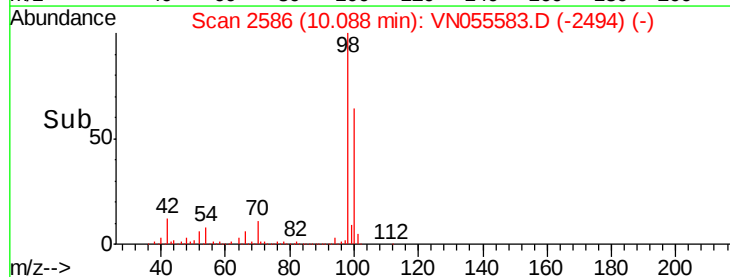
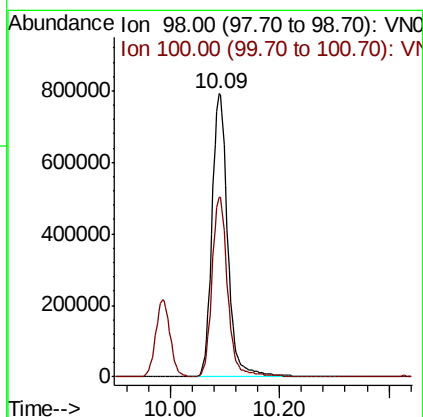
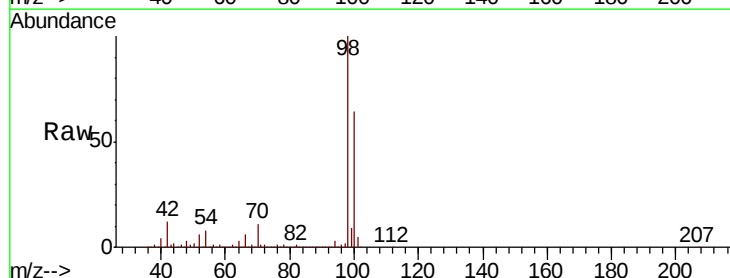
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

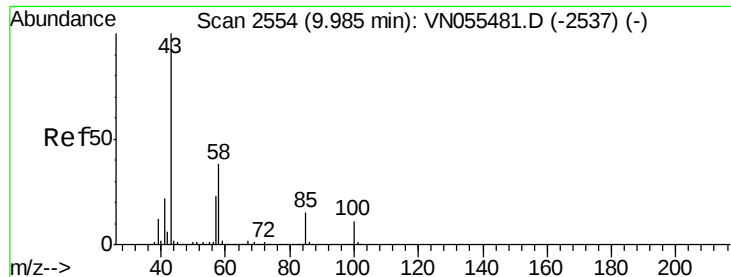
Tot Ion: 88 Resp: 180171  
Ion Ratio Lower Upper  
88 100  
43 30.7 27.8 41.8  
58 74.3 61.8 92.6



#50  
Toluene-d8  
Concen: 49.811 ug/l  
RT: 10.09 min Scan# 2586  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion: 98 Resp: 1580682  
Ion Ratio Lower Upper  
98 100  
100 62.1 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 223.610 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

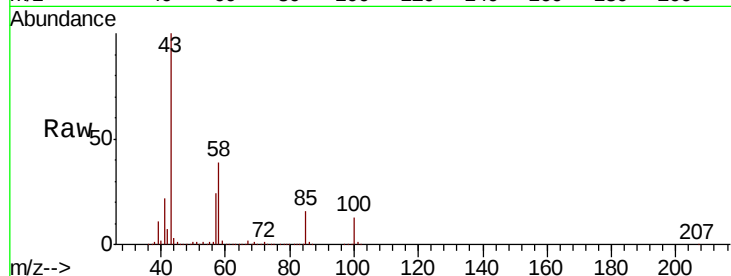
VSTDCCC050EC

Tot Ion: 43 Resp: 3031025

Ion Ratio Lower Upper

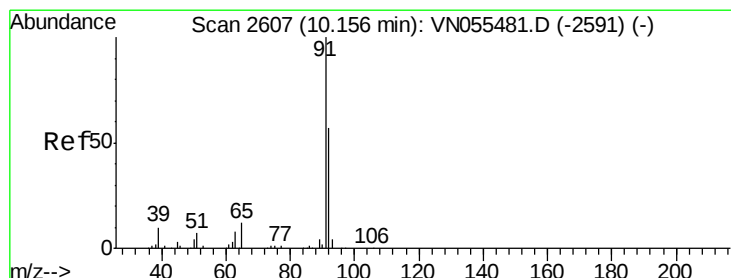
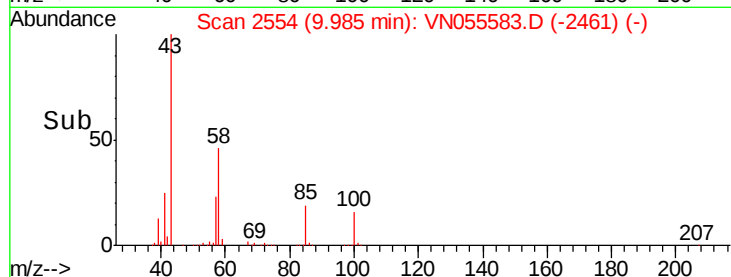
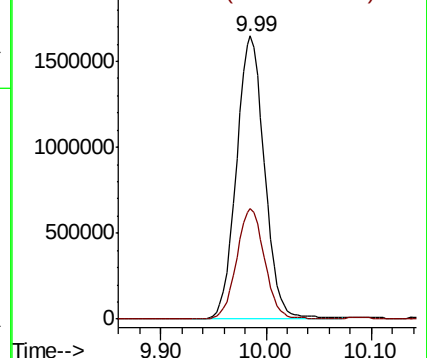
43 100

58 38.9 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.536 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055583.D

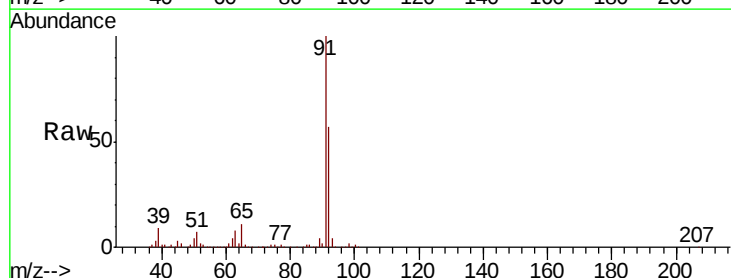
Acq: 13 May 2019 18:41

Tgt Ion: 92 Resp: 1093059

Ion Ratio Lower Upper

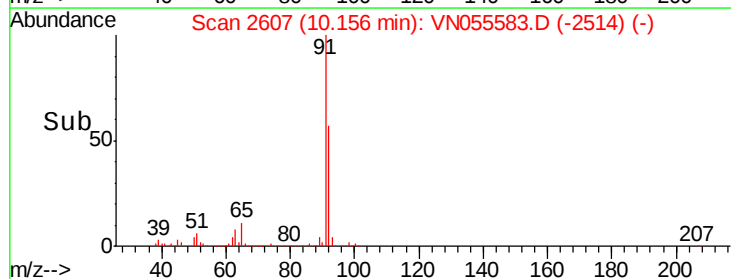
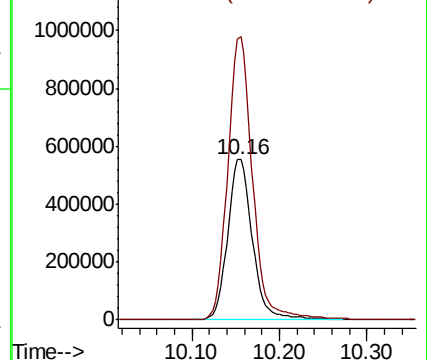
92 100

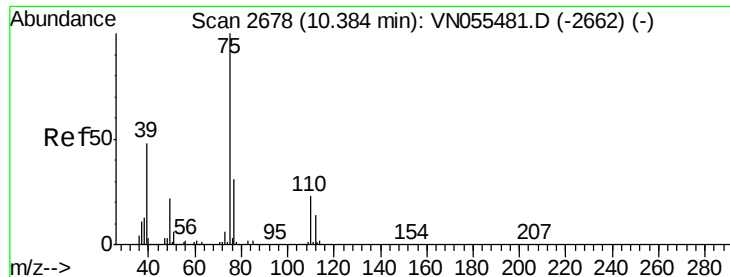
91 176.6 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 52.607 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

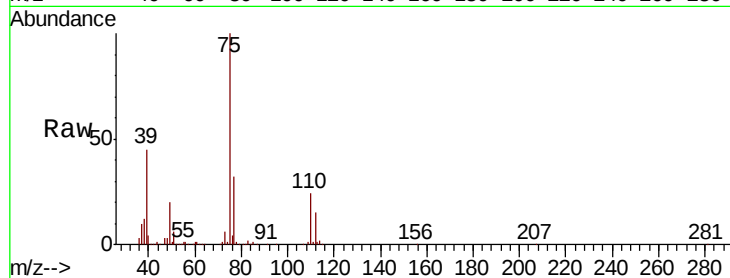
VSTDCCC050EC

Tot Ion: 75 Resp: 618744

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

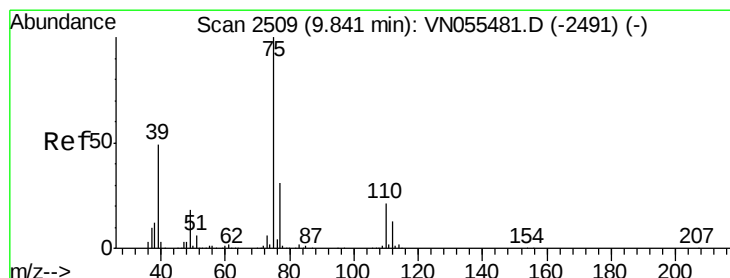
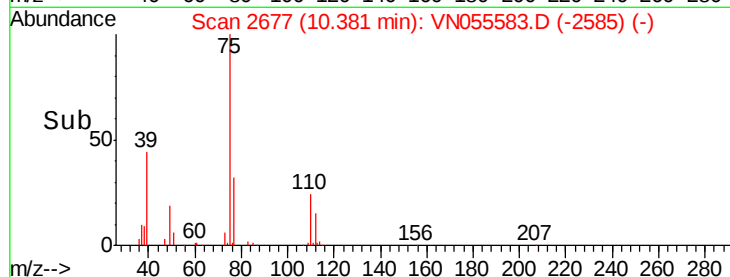
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.562 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

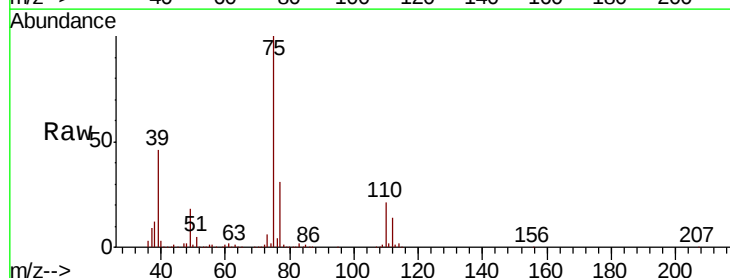
Tgt Ion: 75 Resp: 738721

Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6

39 45.9 39.5 59.3



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

9.84

500000

400000

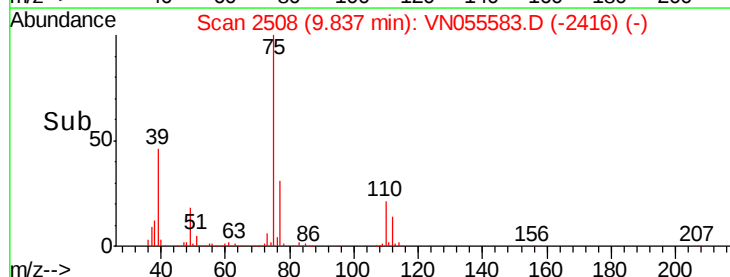
300000

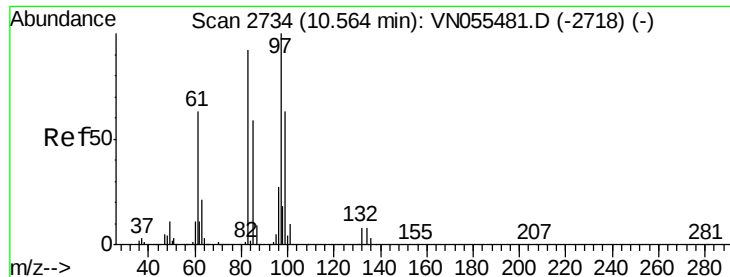
200000

100000

0

Time-->

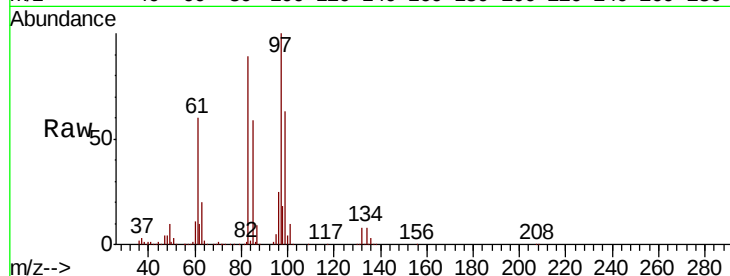




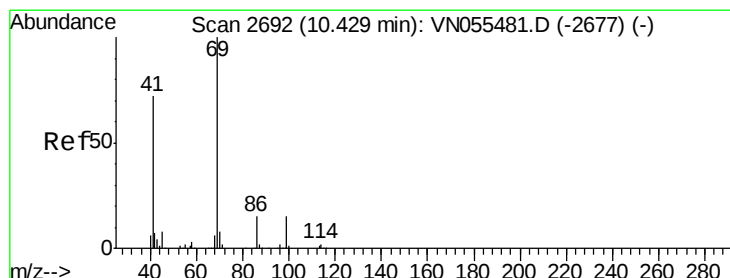
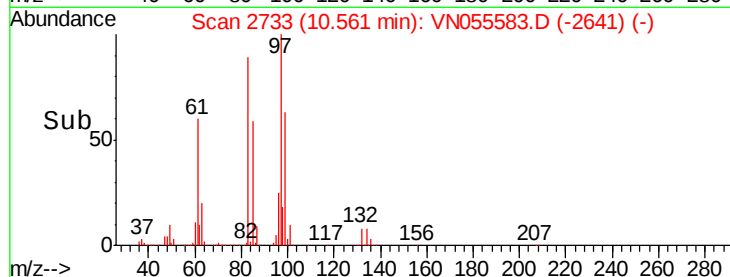
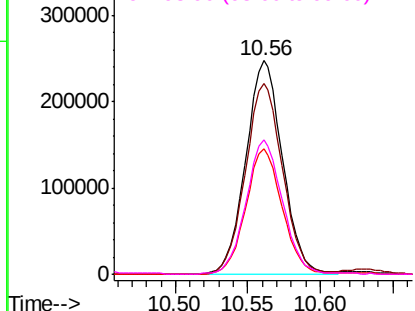
#55  
 1,1,2-Trichloroethane  
 Concen: 48.778 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 436099 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 89.5  | 73.2  | 109.8  |
| 85       | 58.7  | 47.5  | 71.3   |
| 99       | 62.5  | 50.2  | 75.2   |

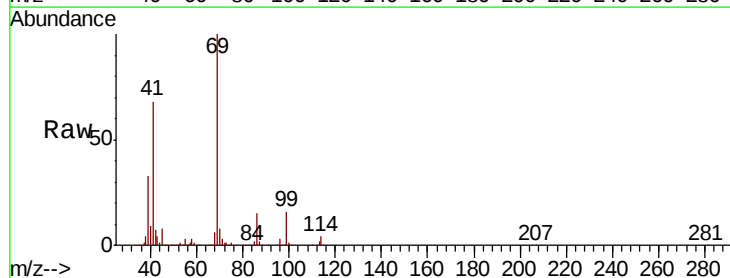


Abundance Ion 96.90 (96.60 to 97.60): VNO  
 Ion 82.90 (82.60 to 83.60): VNO  
 Ion 84.90 (84.60 to 85.60): VNO  
 Ion 98.90 (98.60 to 99.60): VNO

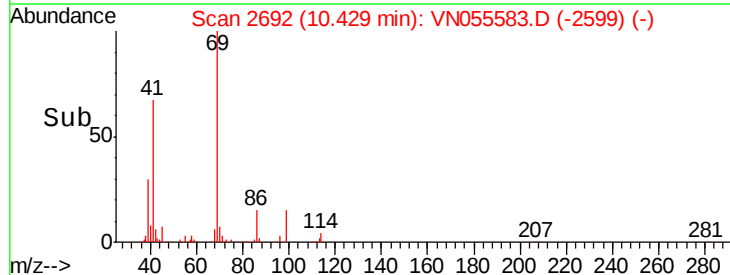
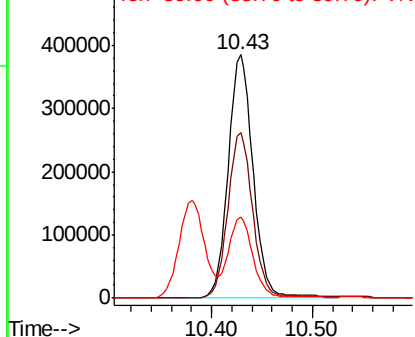


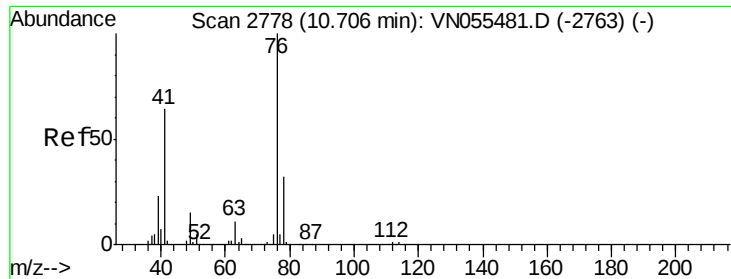
#56  
 Ethyl methacrylate  
 Concen: 50.107 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 666337 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.2  | 56.2  | 84.2   |
| 39       | 31.8  | 27.8  | 41.6   |



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: 49.129 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

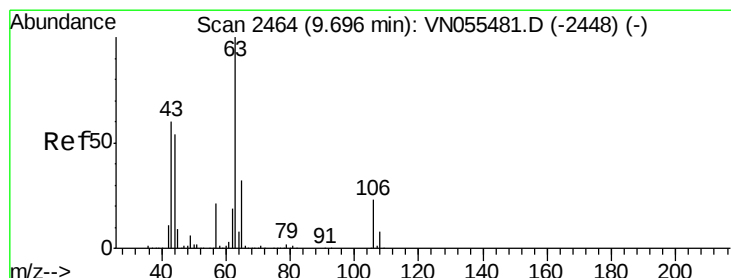
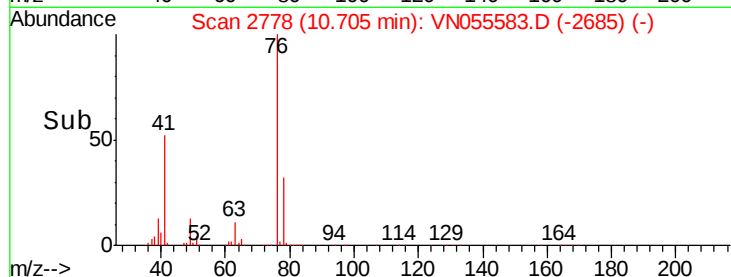
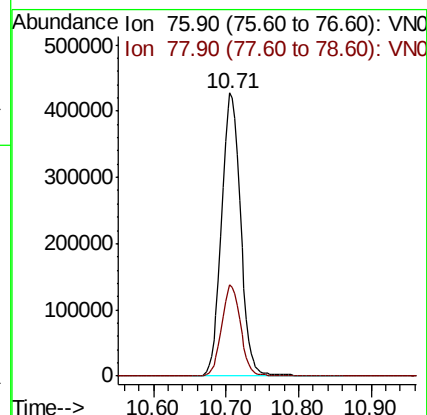
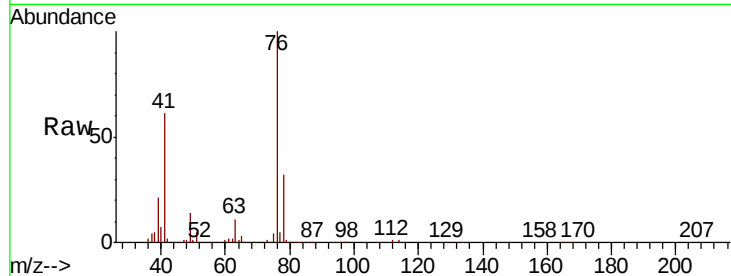
VSTDCCC050EC

Tot Ion: 76 Resp: 779790

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 211.222 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN055583.D

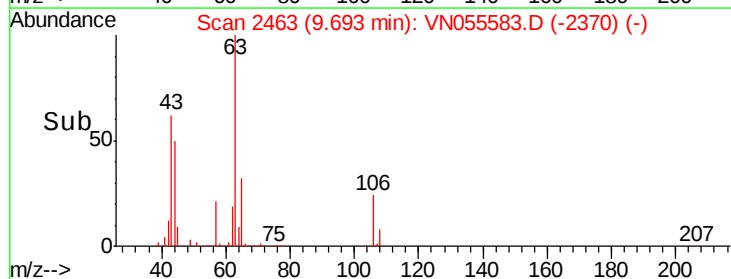
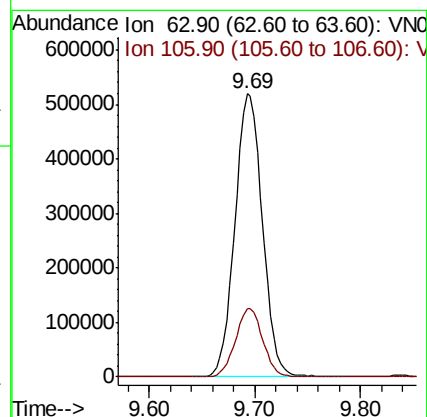
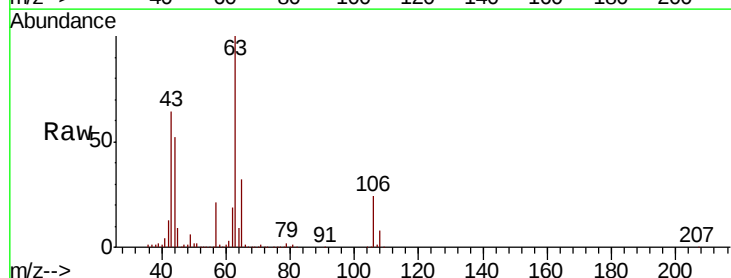
Acq: 13 May 2019 18:41

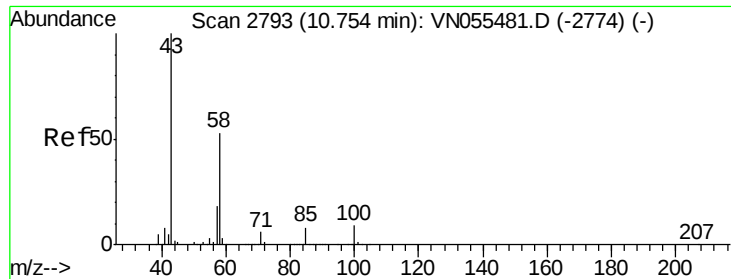
Tgt Ion: 63 Resp: 936418

Ion Ratio Lower Upper

63 100

106 23.9 18.6 27.8

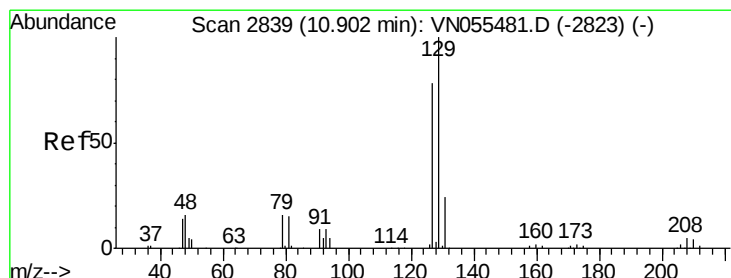
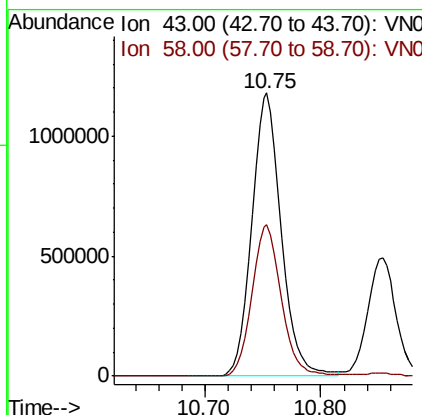
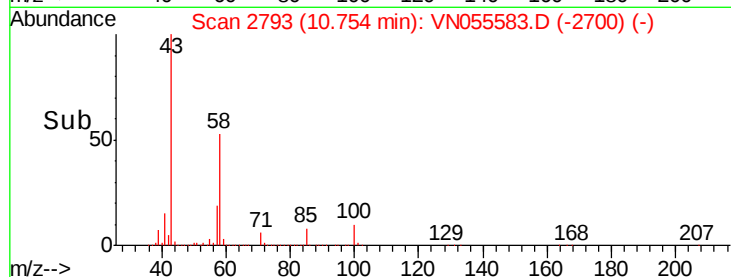
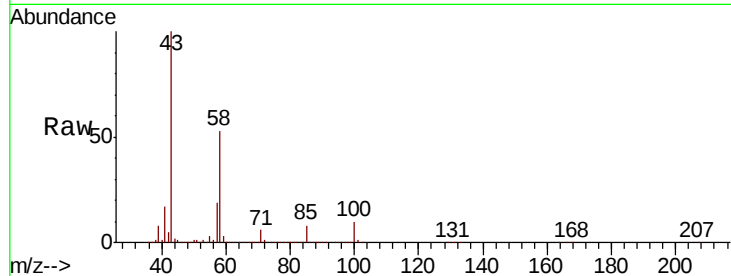




#59  
2-Hexanone  
Concen: 219.406 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

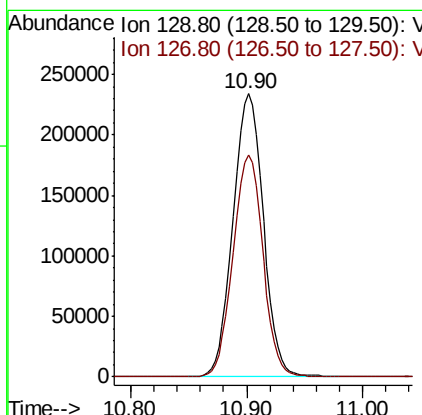
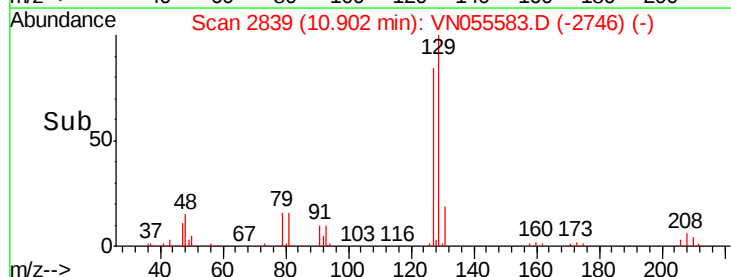
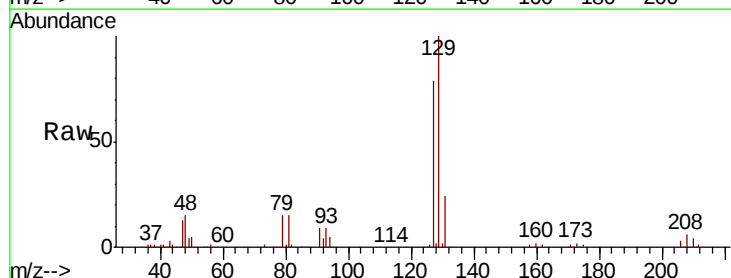
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

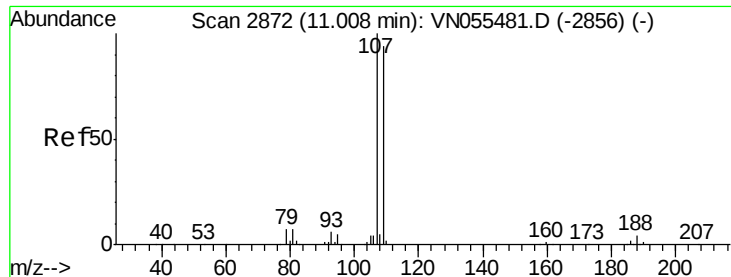
Tot Ion: 43 Resp: 2085699  
Ion Ratio Lower Upper  
43 100  
58 53.6 26.4 79.0



#60  
Dibromochloromethane  
Concen: 52.255 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion: 129 Resp: 424758  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.6 116.0

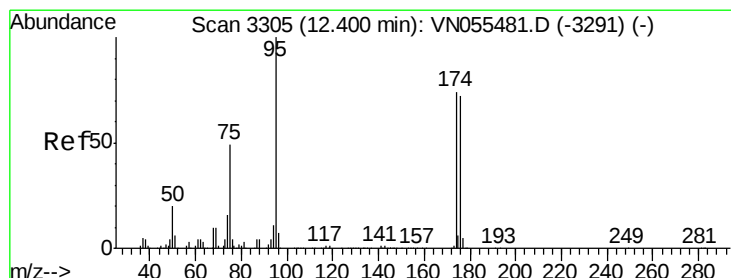
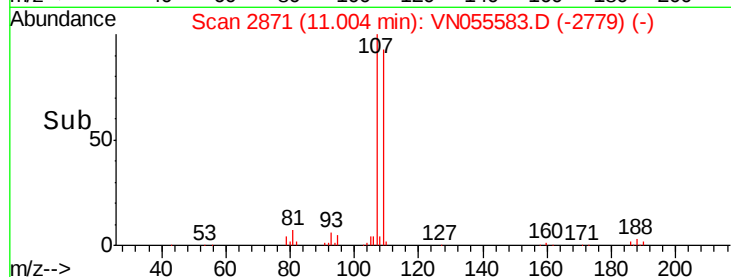
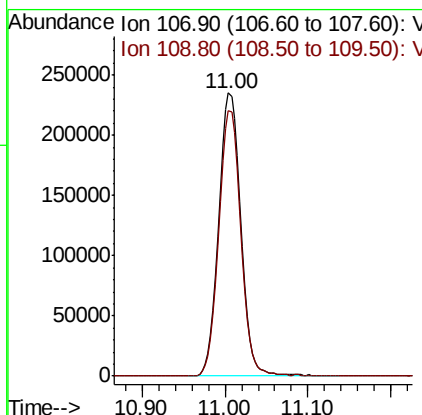
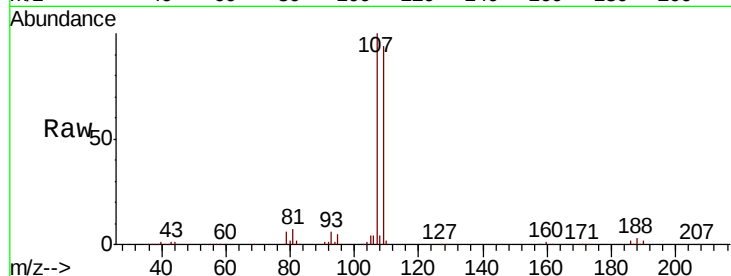




#61  
 1,2-Dibromoethane  
 Concen: 50.336 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

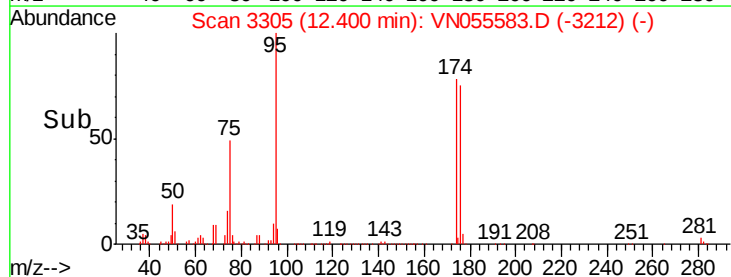
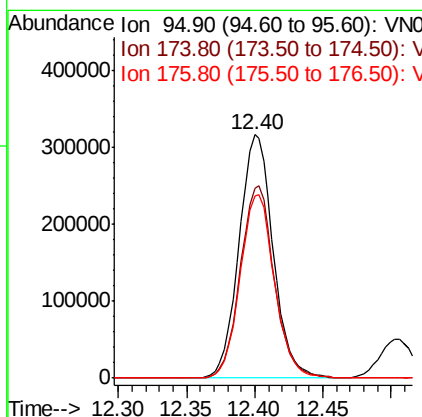
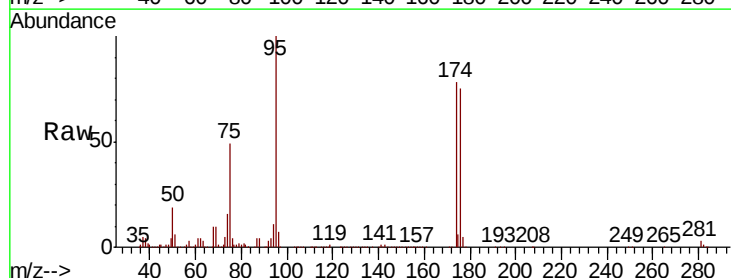
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

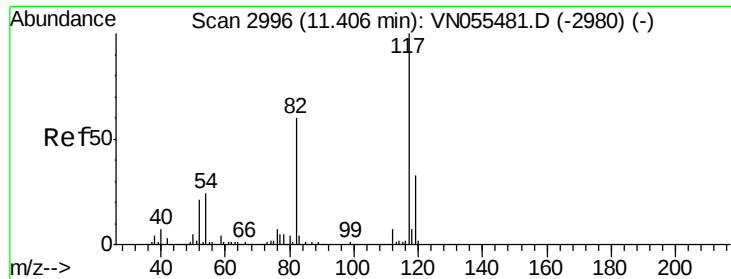
Tot Ion:107 Resp: 432387  
 Ion Ratio Lower Upper  
 107 100  
 109 93.5 74.2 111.4



#62  
 4-Bromofluorobenzene  
 Concen: 51.491 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

Tgt Ion: 95 Resp: 550951  
 Ion Ratio Lower Upper  
 95 100  
 174 78.7 0.0 152.2  
 176 76.1 0.0 147.8

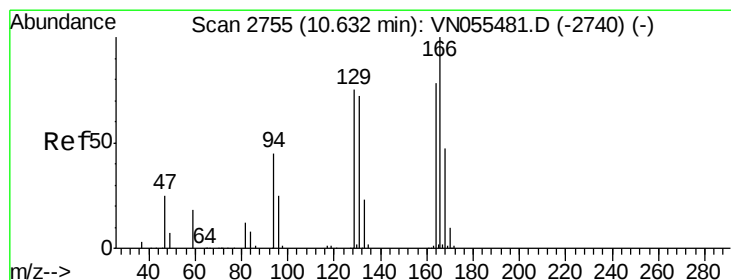
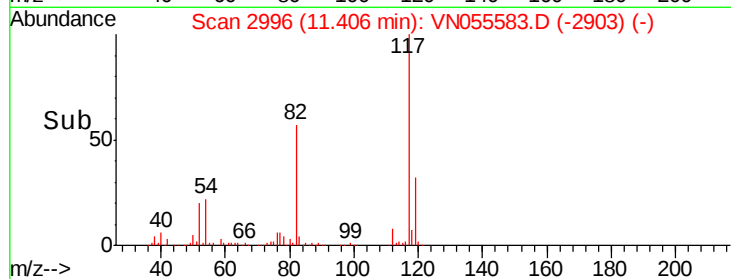
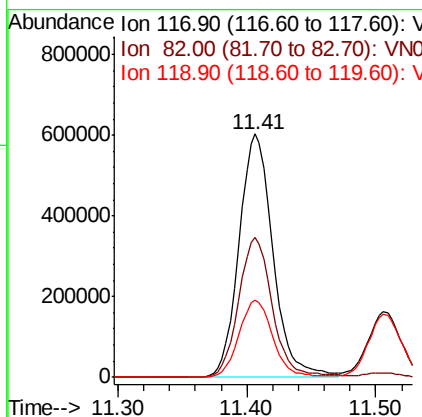
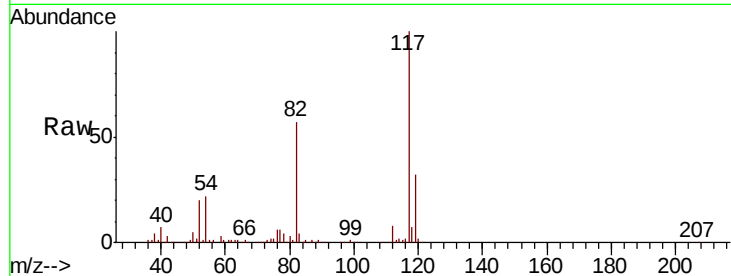




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

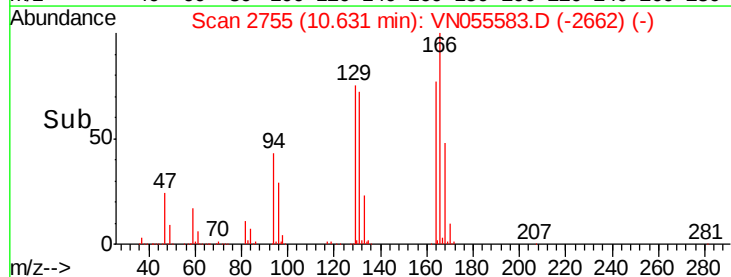
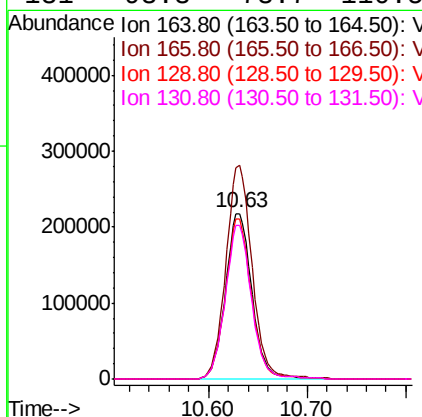
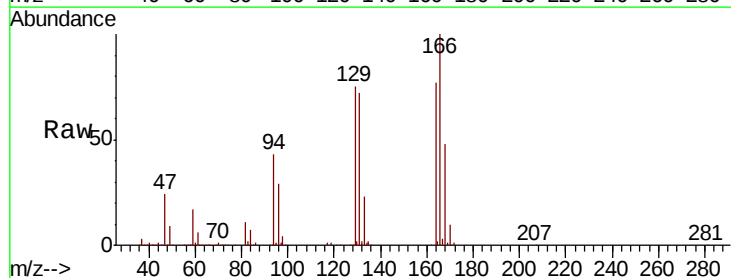
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

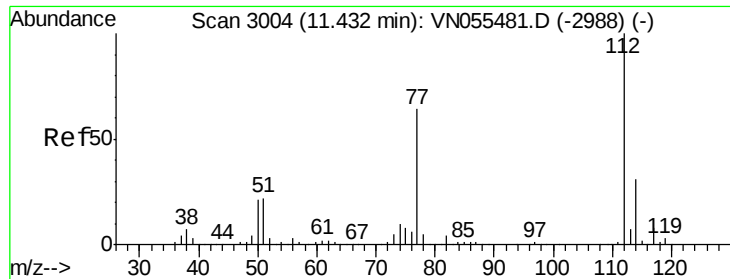
Tot Ion:117 Resp: 1105746  
Ion Ratio Lower Upper  
117 100  
82 57.4 48.0 72.0  
119 31.8 26.0 39.0



#64  
Tetrachloroethene  
Concen: 45.180 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion:164 Resp: 409352  
Ion Ratio Lower Upper  
164 100  
166 129.2 102.6 153.8  
129 97.1 77.0 115.6  
131 93.3 73.7 110.5

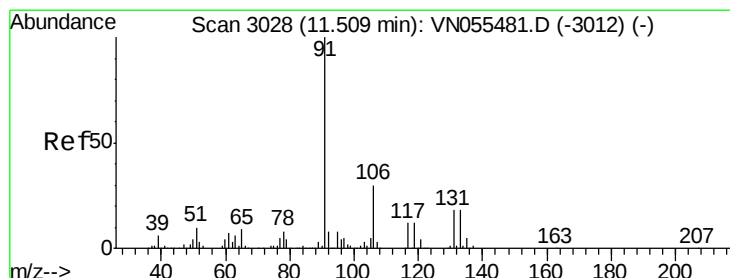
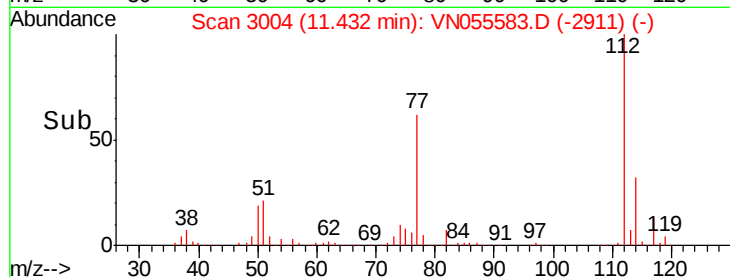
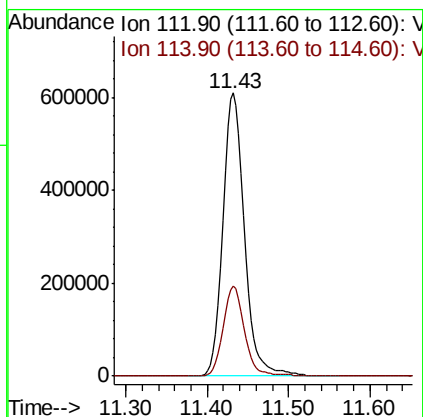
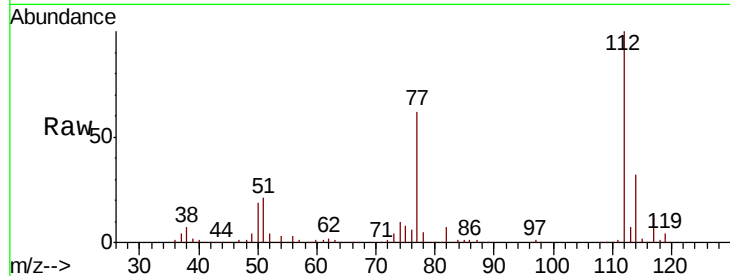




#65  
Chlorobenzene  
Concen: 50.322 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

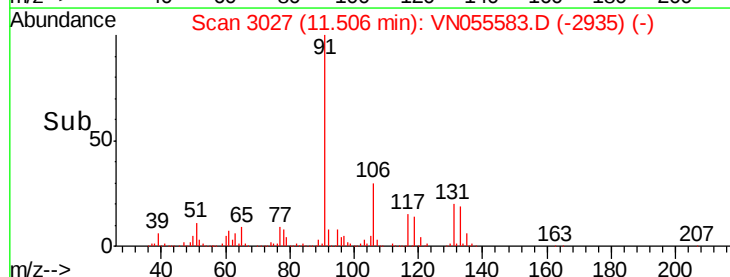
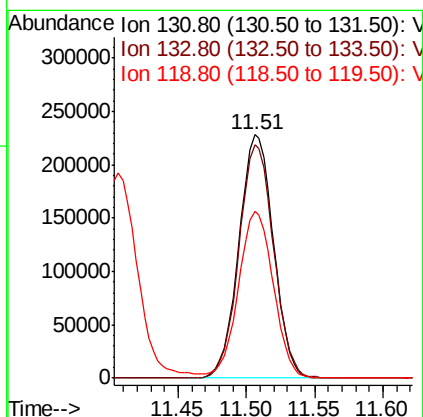
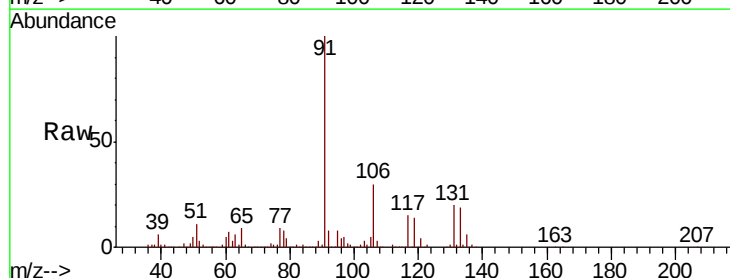
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

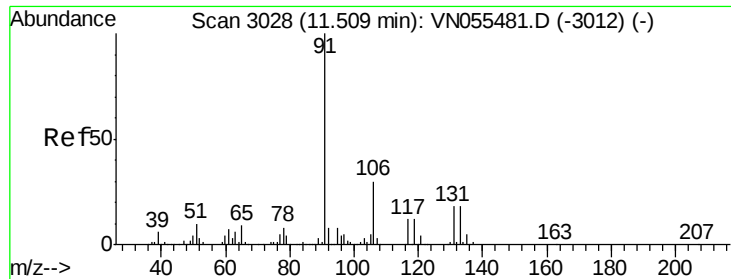
Tot Ion:112 Resp: 1144780  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.246 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion:131 Resp: 401348  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.4 142.2  
119 69.4 34.1 102.2

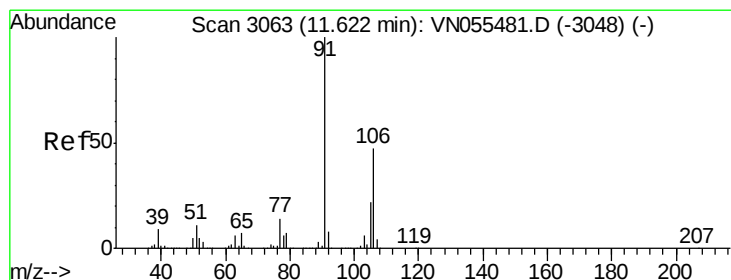
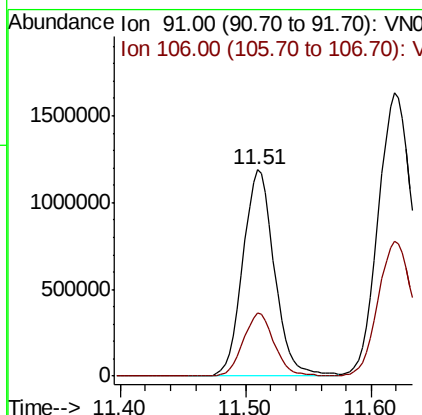
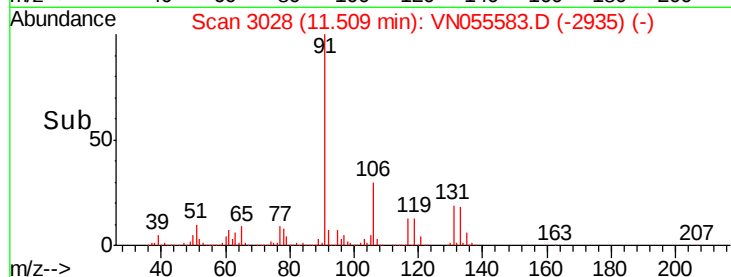
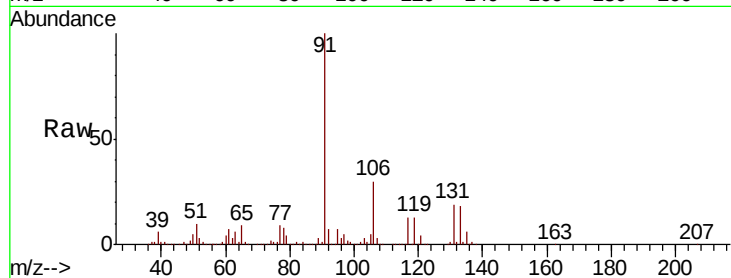




#67  
Ethyl Benzene  
Concen: 48.919 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

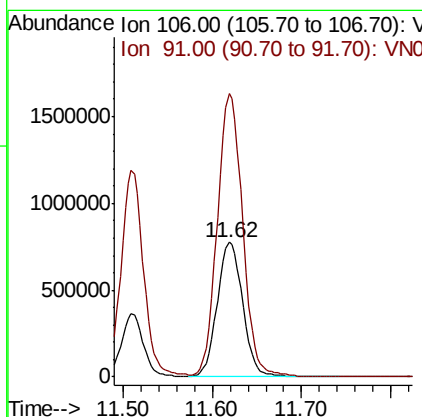
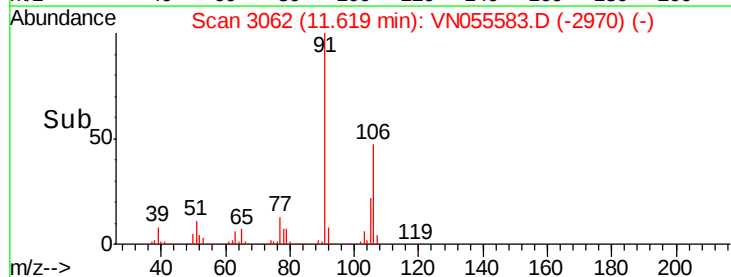
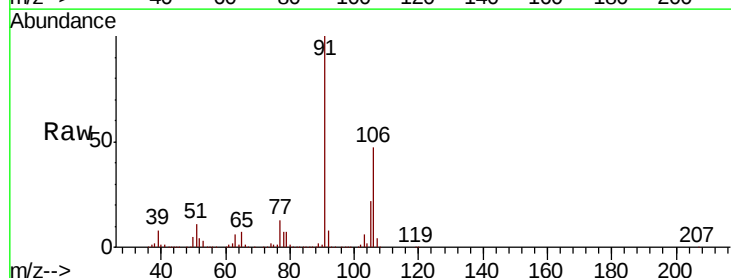
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

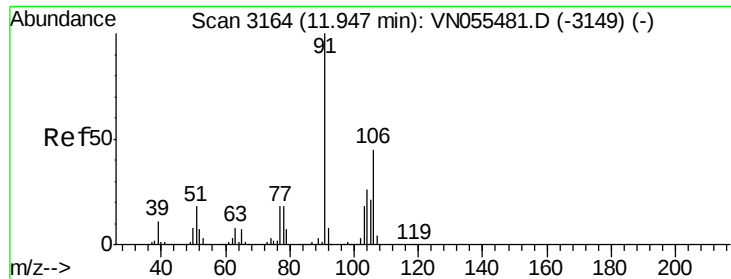
Tot Ion: 91 Resp: 2090126  
Ion Ratio Lower Upper  
91 100  
106 30.5 23.8 35.6



#68  
m/p-Xylenes  
Concen: 100.284 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion: 106 Resp: 1537679  
Ion Ratio Lower Upper  
106 100  
91 209.3 169.2 253.8

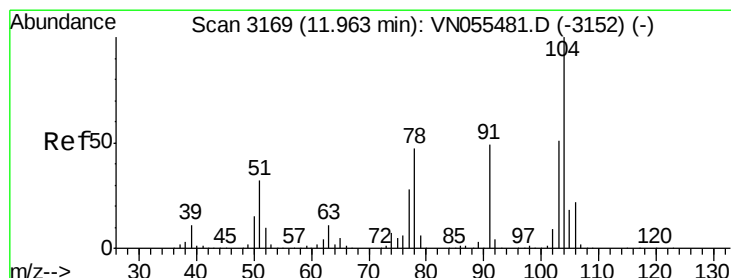
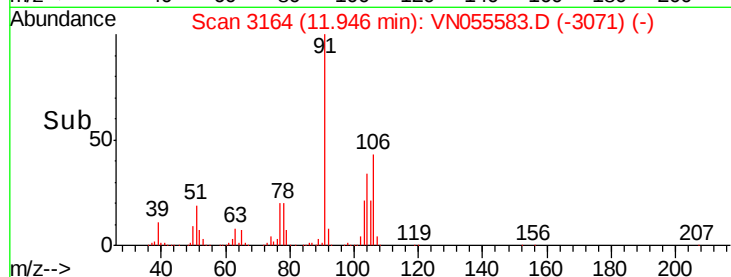
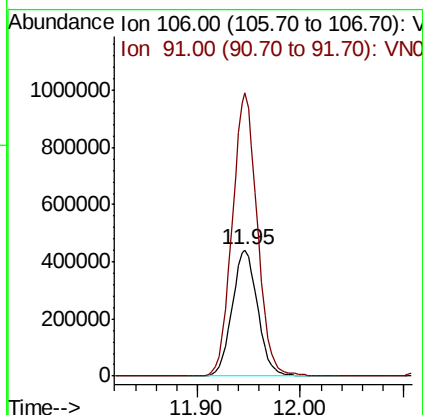
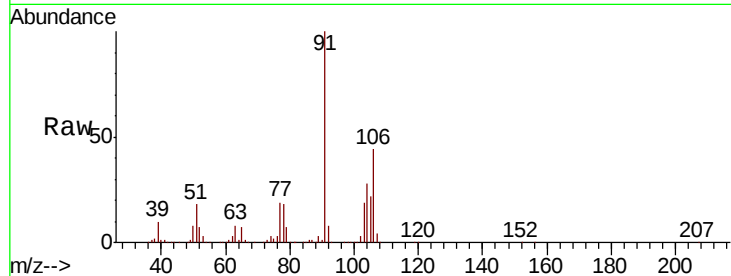




#69  
o-Xylene  
Concen: 50.402 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

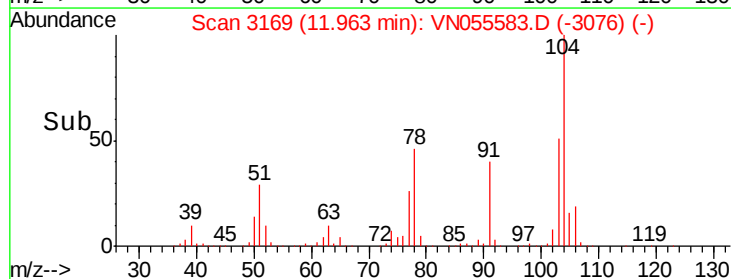
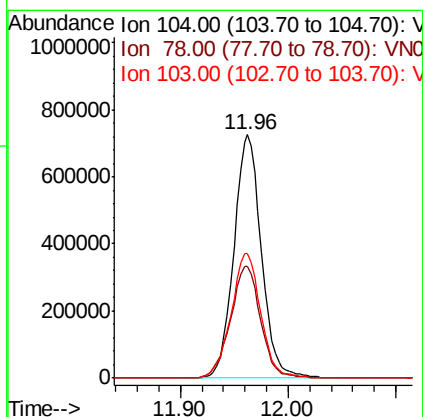
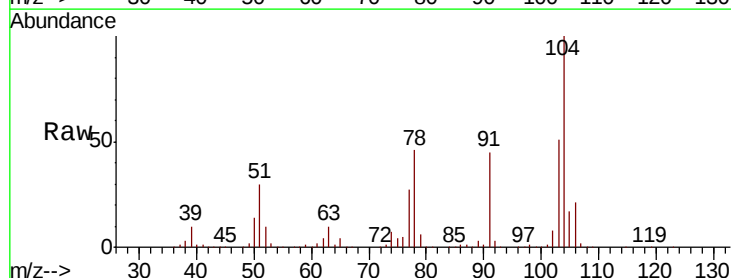
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

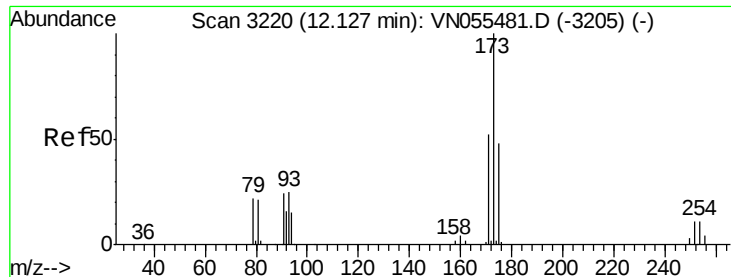
Tot Ion:106 Resp: 759598  
Ion Ratio Lower Upper  
106 100  
91 220.1 111.3 333.8



#70  
Styrene  
Concen: 53.286 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion:104 Resp: 1286594  
Ion Ratio Lower Upper  
104 100  
78 50.5 41.6 62.4  
103 55.3 44.4 66.6

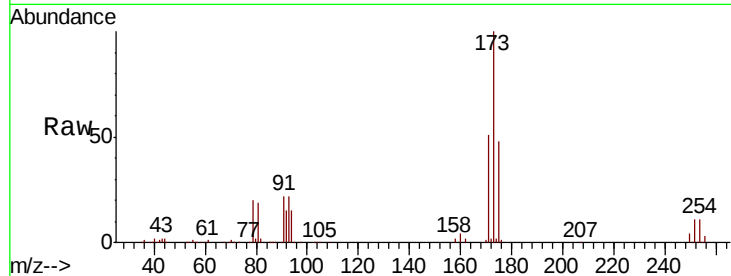




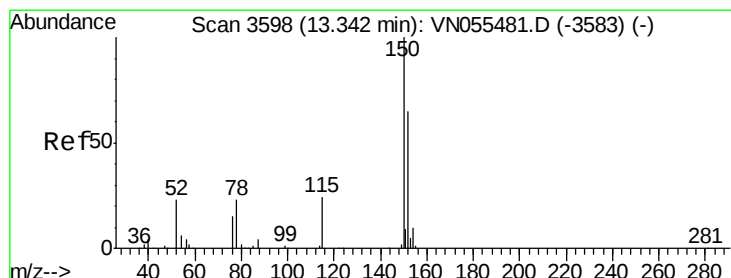
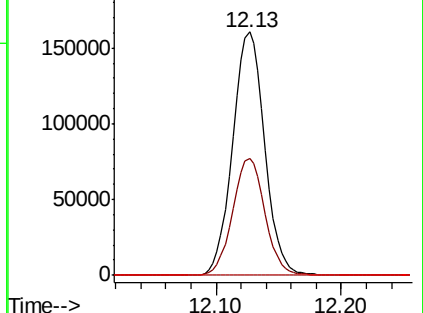
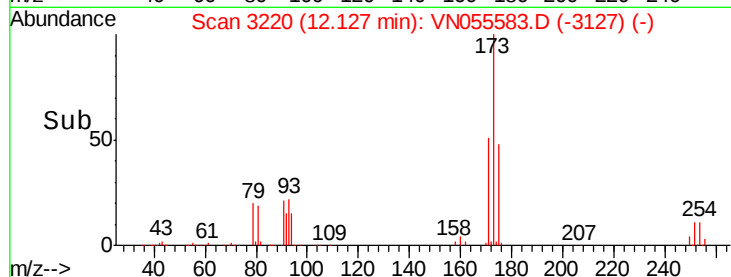
#71  
Bromoform  
Concen: 53.854 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:173 Resp: 284615  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.1 72.4  
254 0.1 0.1 0.1

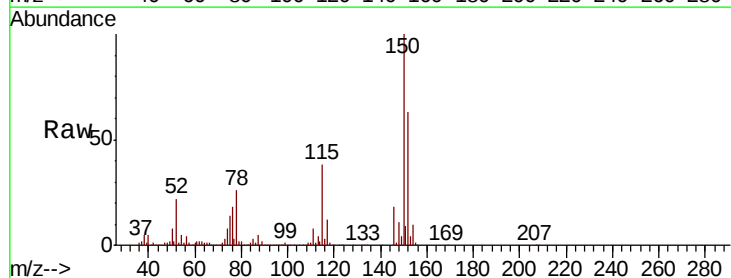


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

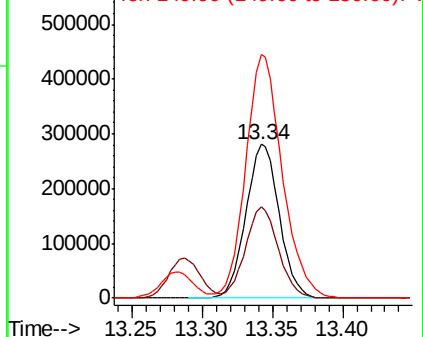
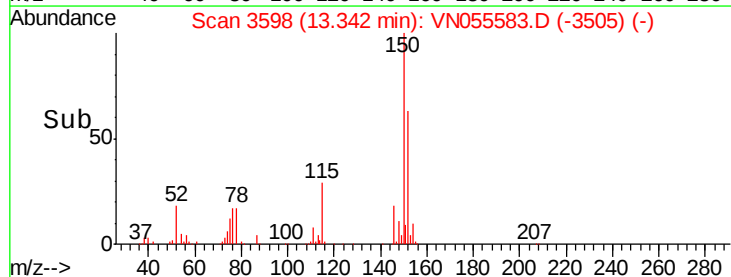


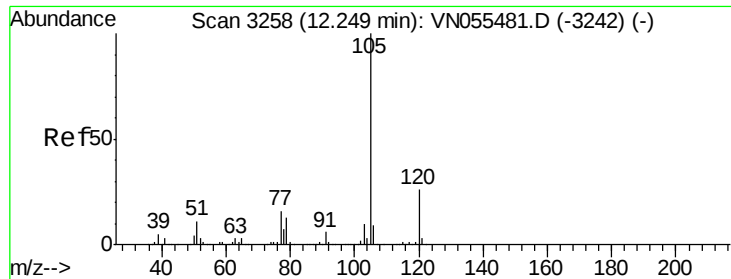
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion:152 Resp: 465515  
Ion Ratio Lower Upper  
152 100  
115 58.7 30.1 90.5  
150 172.9 0.0 355.0



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





#73

Isopropylbenzene

Concen: 52.015 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

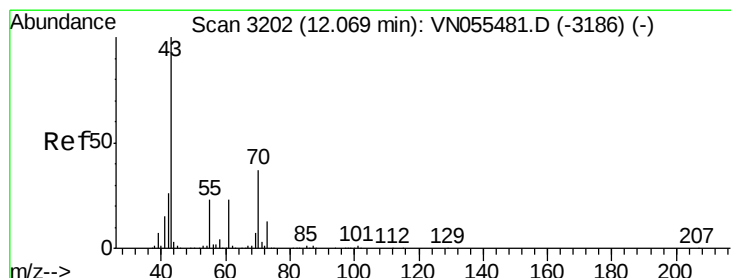
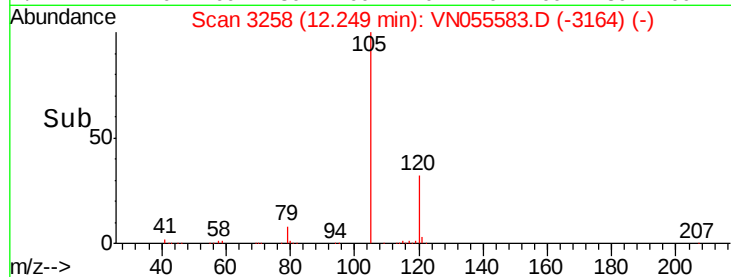
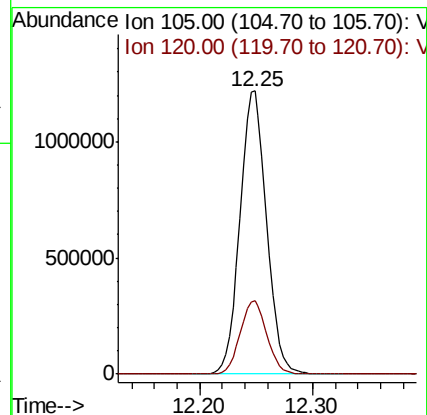
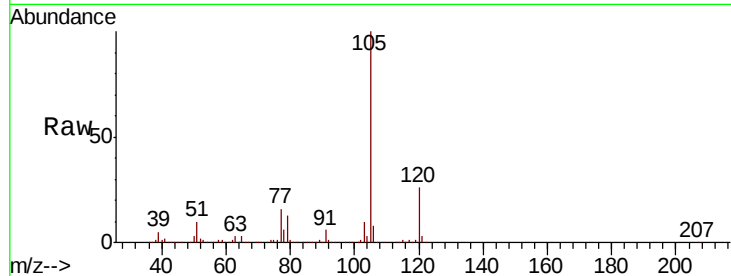
VSTDCCC050EC

Tot Ion:105 Resp: 1992697

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 45.130 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Tgt Ion: 43 Resp: 797600

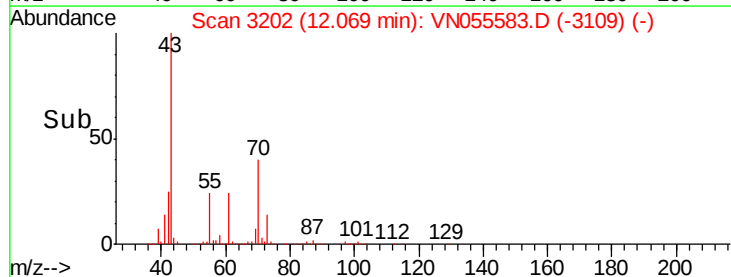
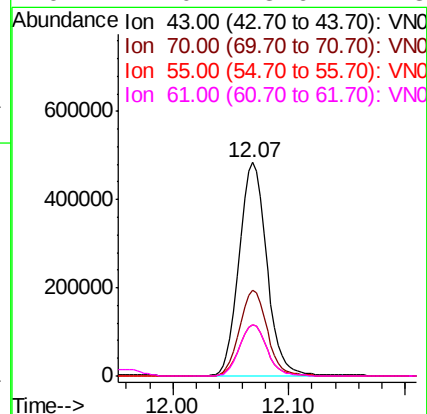
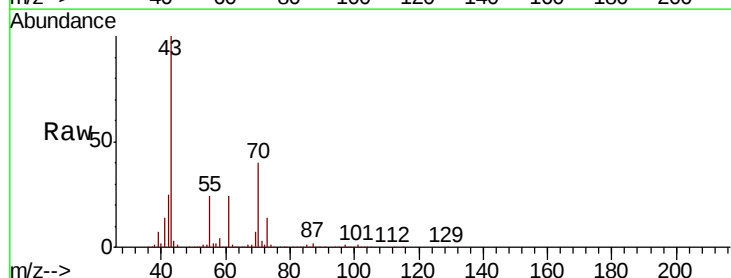
Ion Ratio Lower Upper

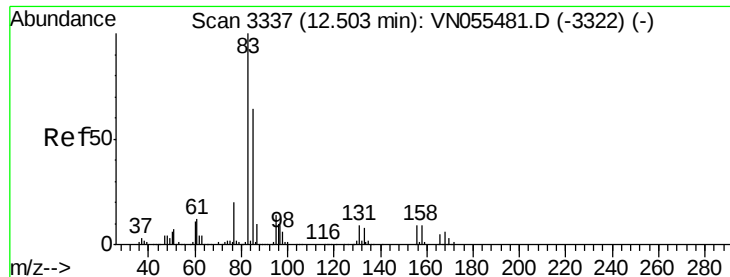
43 100

70 40.3 30.7 46.1

55 24.2 19.3 28.9

61 24.0 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.019 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

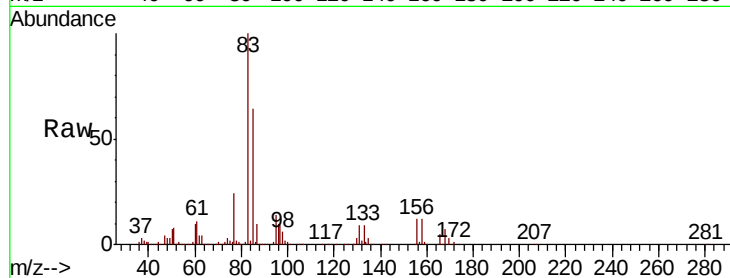
Tot Ion: 83 Resp: 624242

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.5

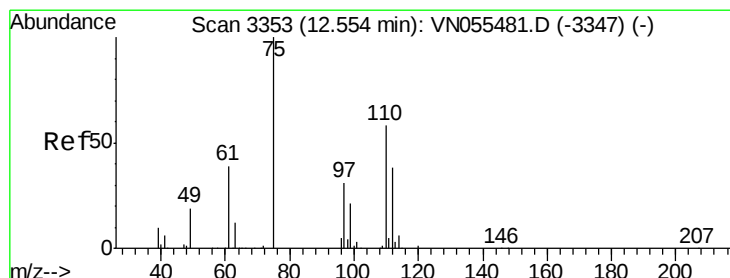
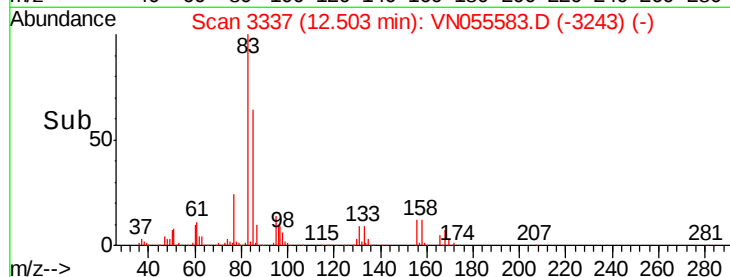
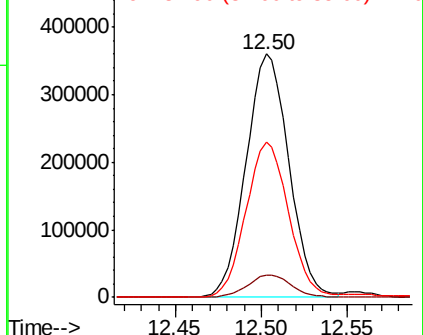
85 63.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 58.211 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055583.D

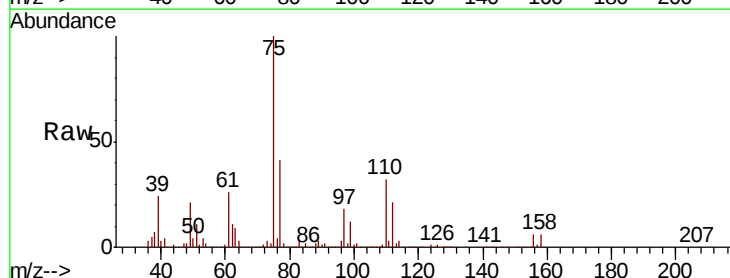
Acq: 13 May 2019 18:41

Tgt Ion: 75 Resp: 737709

Ion Ratio Lower Upper

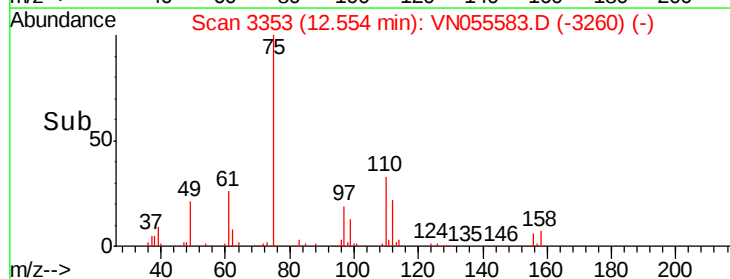
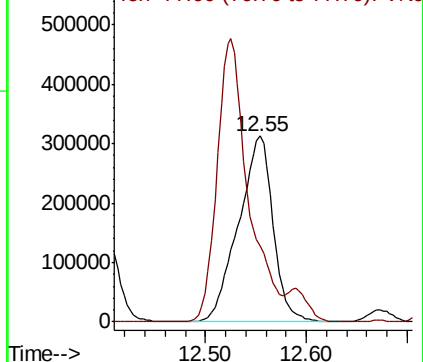
75 100

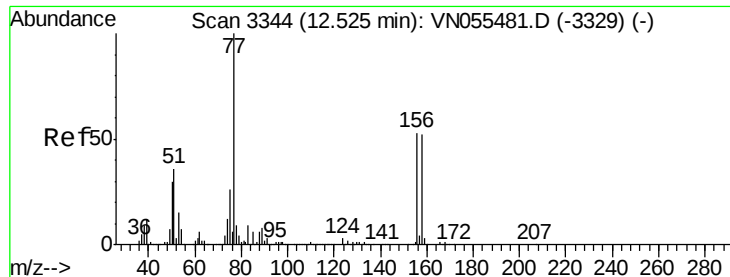
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 46.584 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

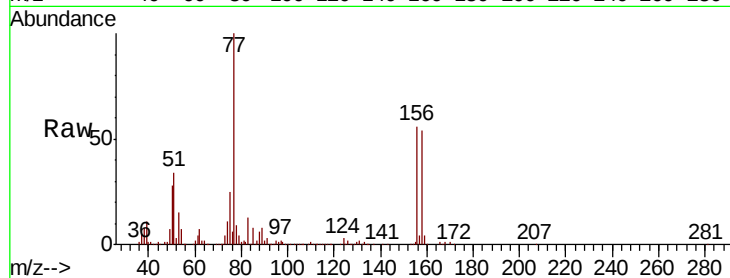
Tot Ion:156 Resp: 477907

Ion Ratio Lower Upper

156 100

77 215.0 115.4 346.2

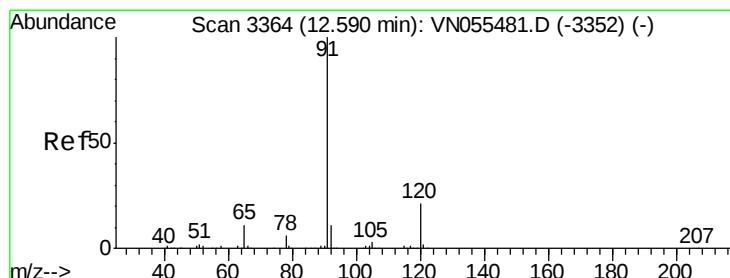
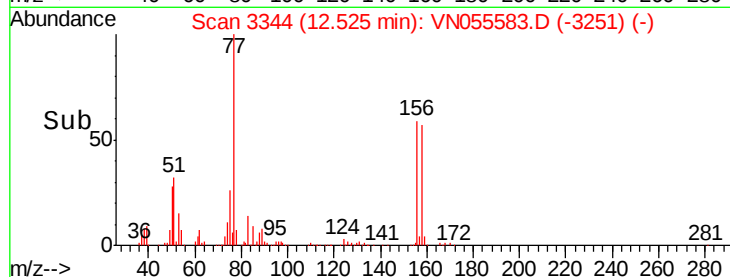
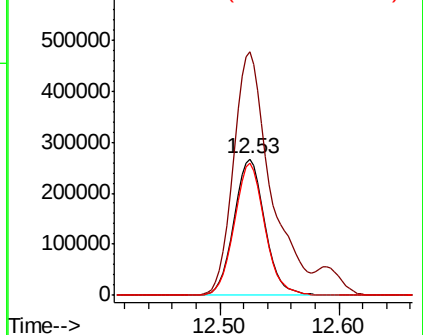
158 96.2 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.436 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055583.D

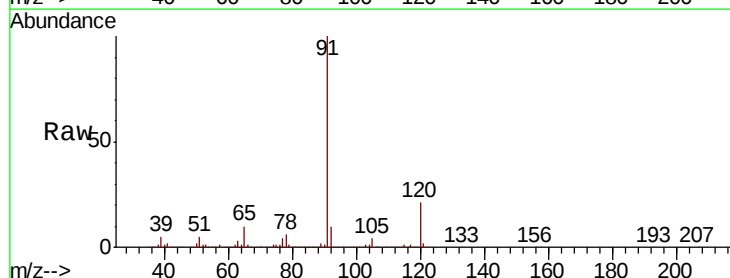
Acq: 13 May 2019 18:41

Tgt Ion: 91 Resp: 2268605

Ion Ratio Lower Upper

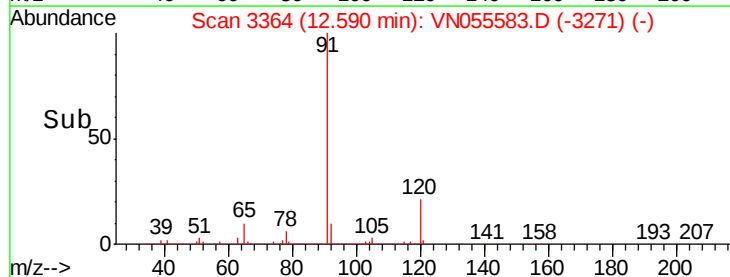
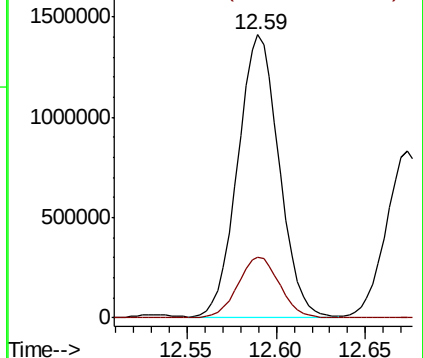
91 100

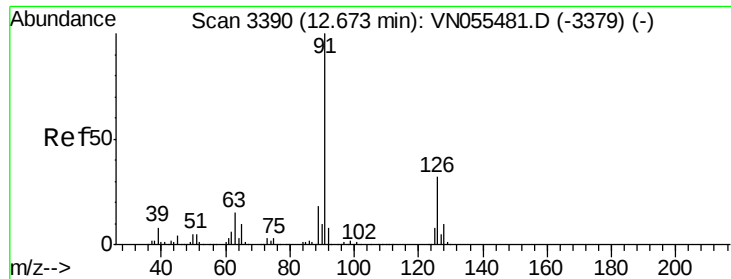
120 21.8 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

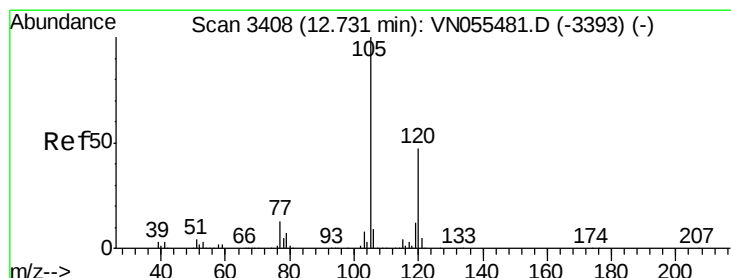
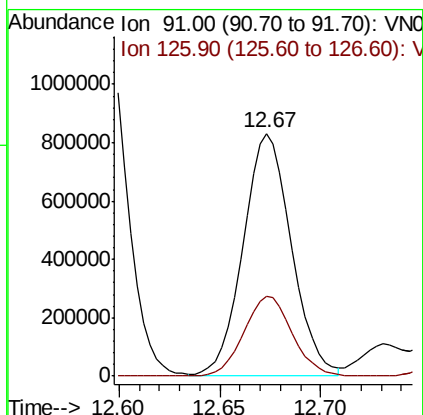
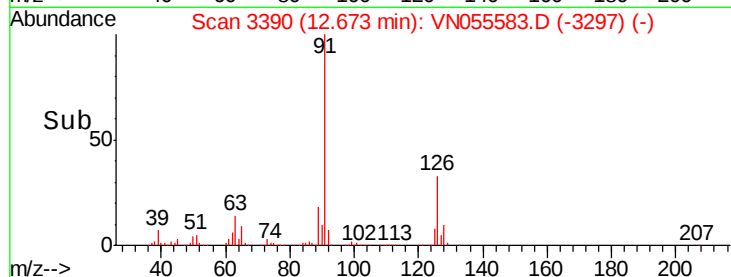
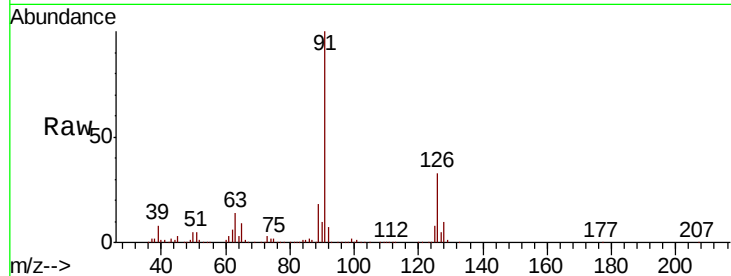




#79  
 2-Chlorotoluene  
 Concen: 44.312 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

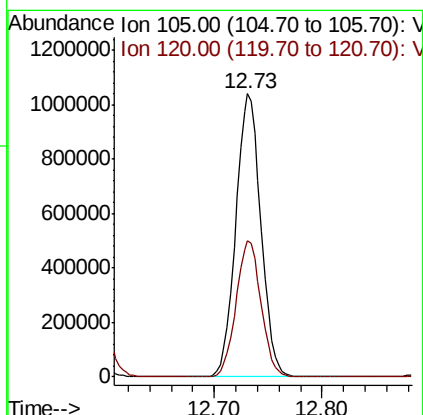
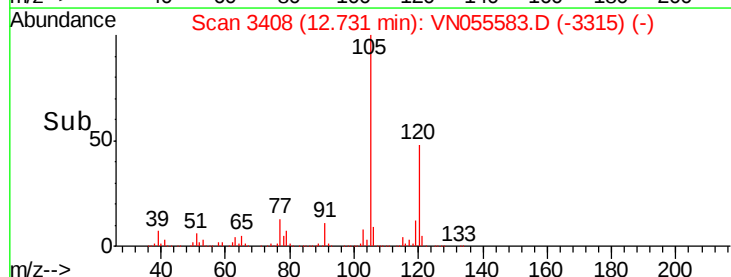
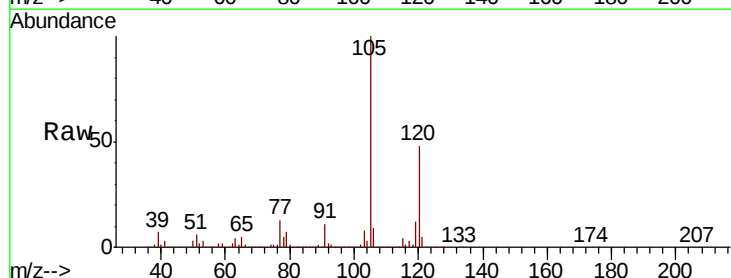
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

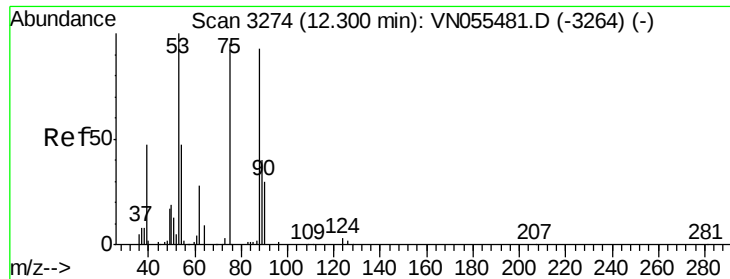
Tot Ion: 91 Resp: 1378834  
 Ion Ratio Lower Upper  
 91 100  
 126 33.4 16.0 47.9



#80  
 1,3,5-Trimethylbenzene  
 Concen: 45.122 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

Tgt Ion: 105 Resp: 1679876  
 Ion Ratio Lower Upper  
 105 100  
 120 47.9 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.244 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

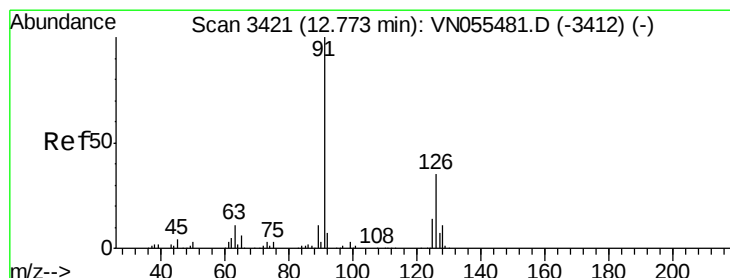
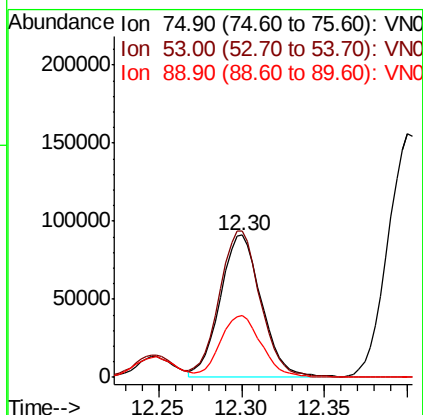
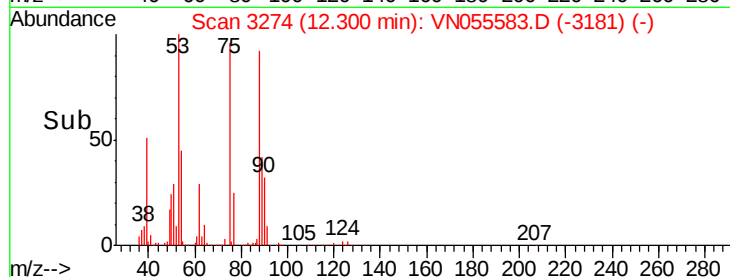
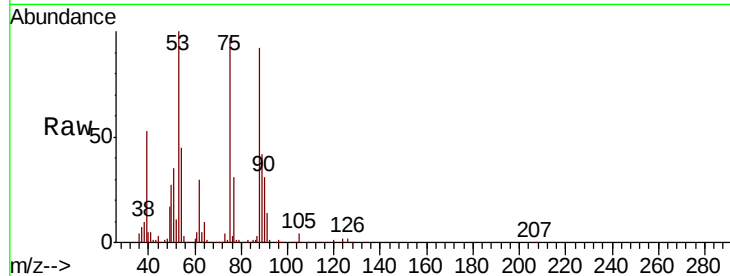
Tot Ion: 75 Resp: 155392

Ion Ratio Lower Upper

75 100

53 104.3 86.5 129.7

89 43.9 35.7 53.5



#82

4-Chlorotoluene

Concen: 46.341 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055583.D

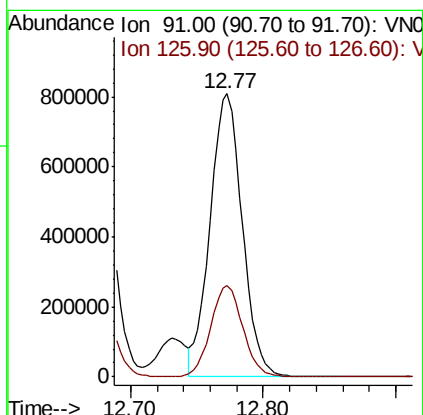
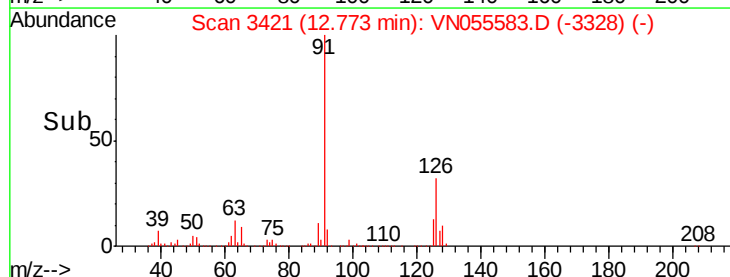
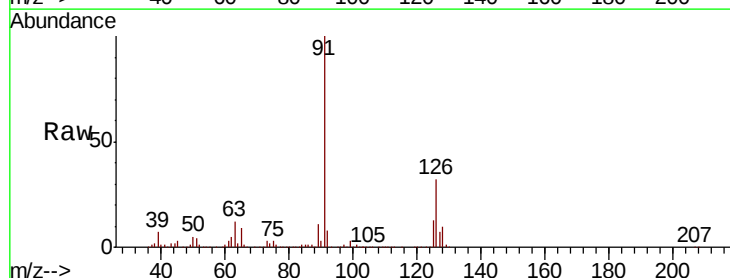
Acq: 13 May 2019 18:41

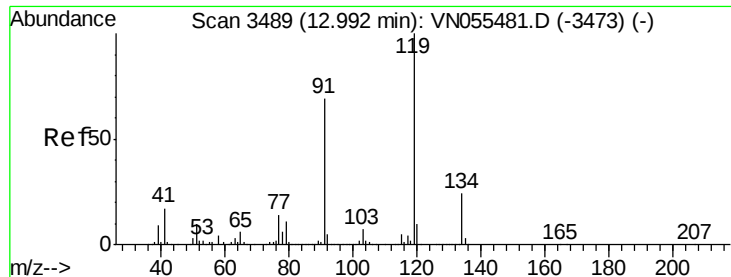
Tgt Ion: 91 Resp: 1362531

Ion Ratio Lower Upper

91 100

126 32.1 15.7 47.0

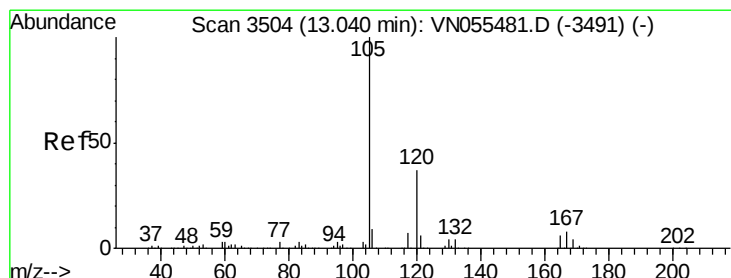
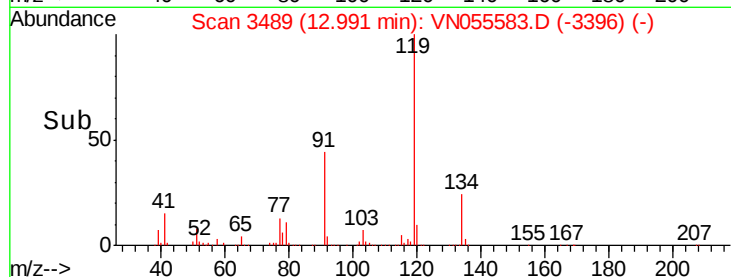
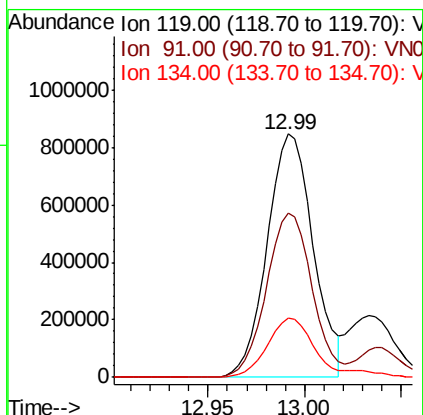
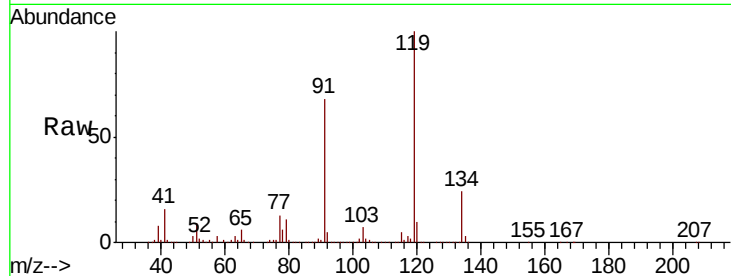




#83  
 tert-Butylbenzene  
 Concen: 43.949 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

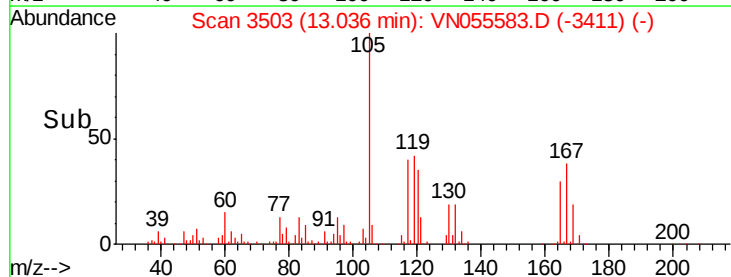
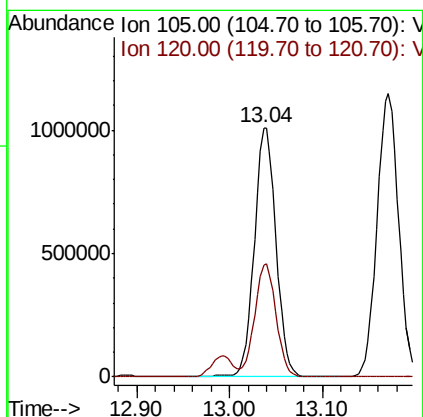
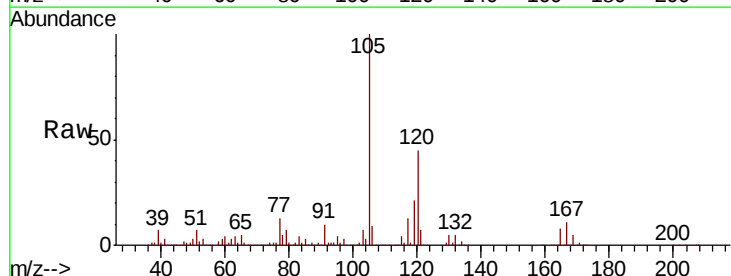
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

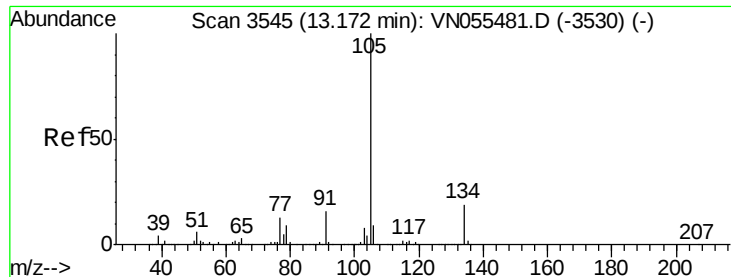
Tot Ion:119 Resp: 1402478  
 Ion Ratio Lower Upper  
 119 100  
 91 66.9 33.8 101.3  
 134 26.1 12.5 37.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 47.818 ug/l  
 RT: 13.04 min Scan# 3503  
 Delta R.T. -0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

Tgt Ion:105 Resp: 1632729  
 Ion Ratio Lower Upper  
 105 100  
 120 44.7 22.1 66.5





#85

sec-Butylbenzene

Concen: 43.503 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

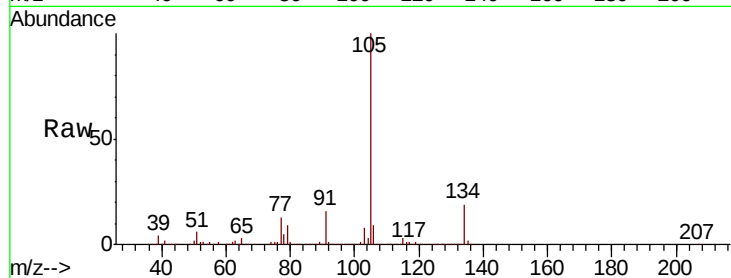
VSTDCCC050EC

Tot Ion:105 Resp: 1844994

Ion Ratio Lower Upper

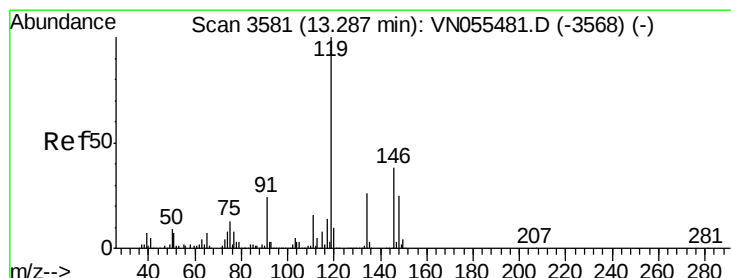
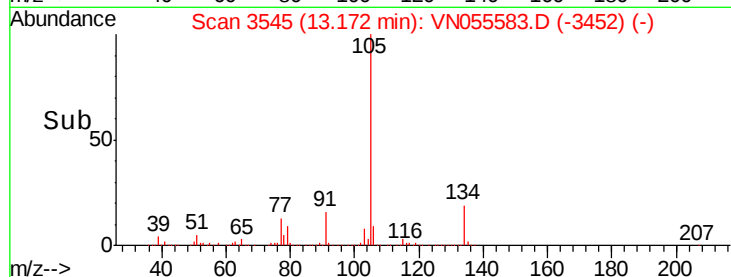
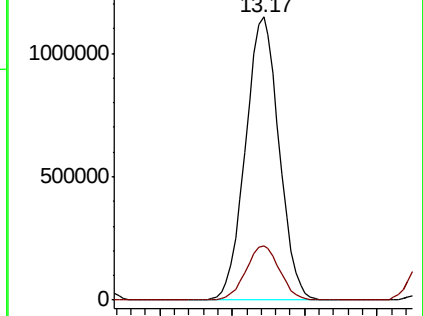
105 100

134 19.4 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.265 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

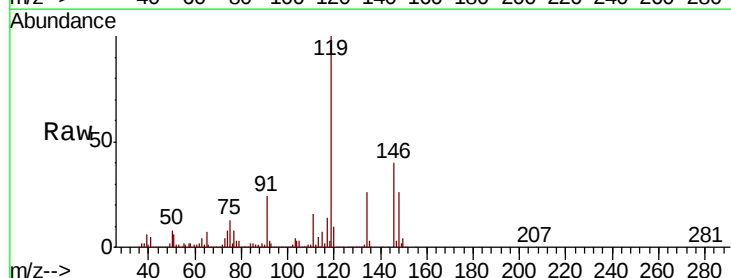
Tgt Ion:119 Resp: 1596874

Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.4

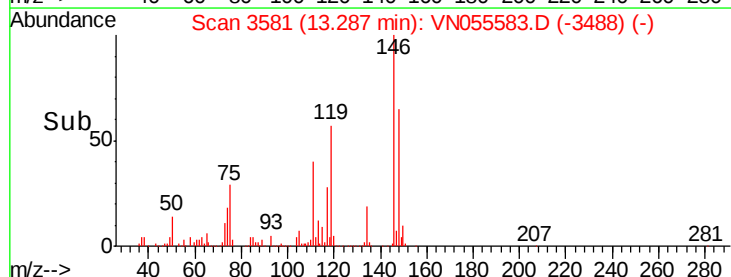
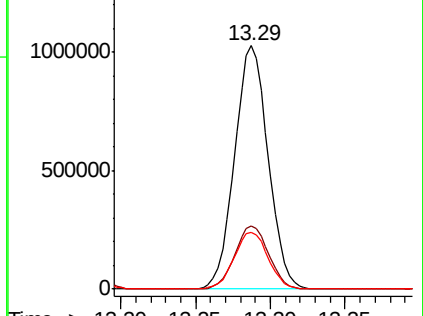
91 23.9 12.0 36.0

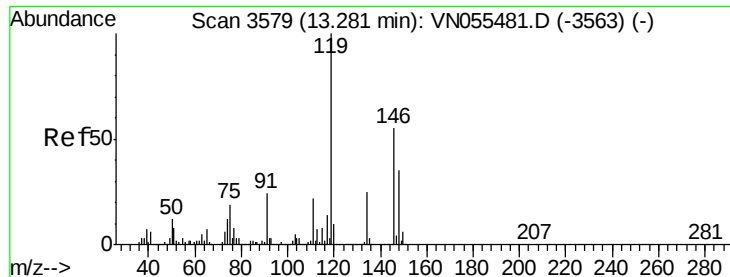


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.327 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

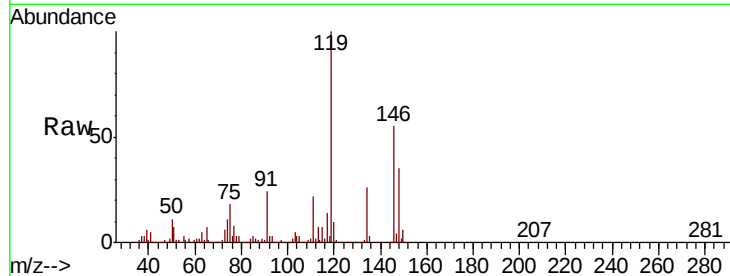
Tot Ion:146 Resp: 781951

Ion Ratio Lower Upper

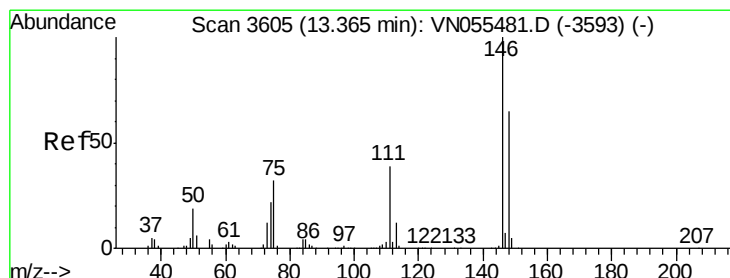
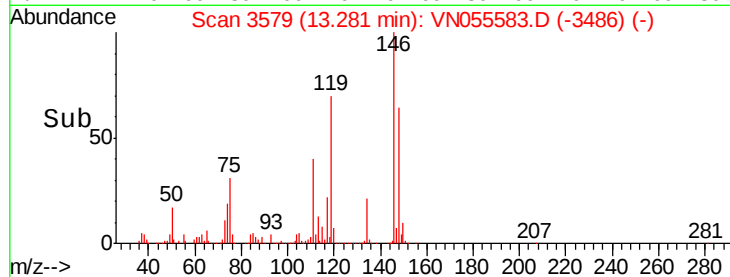
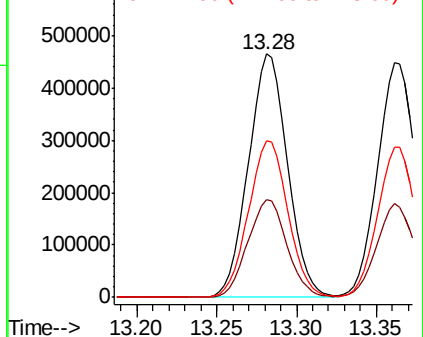
146 100

111 40.1 20.4 61.3

148 64.7 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 48.518 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

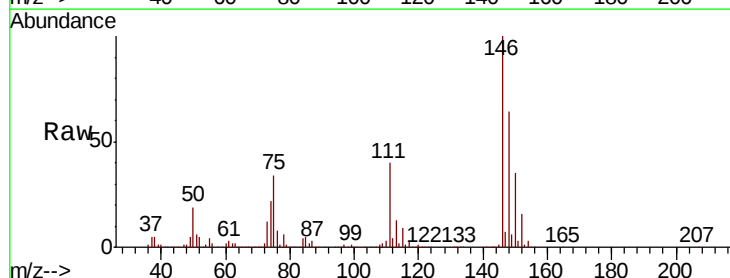
Tgt Ion:146 Resp: 759045

Ion Ratio Lower Upper

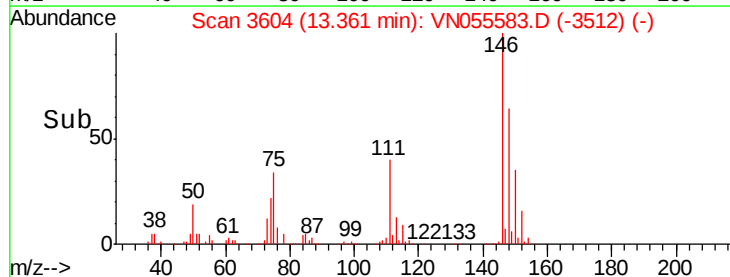
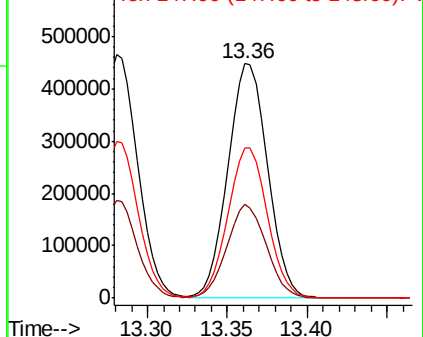
146 100

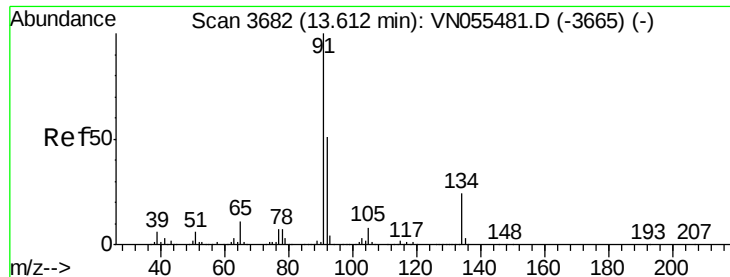
111 39.4 19.6 58.8

148 63.5 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

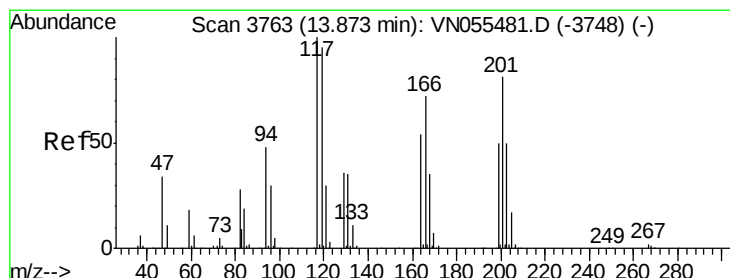
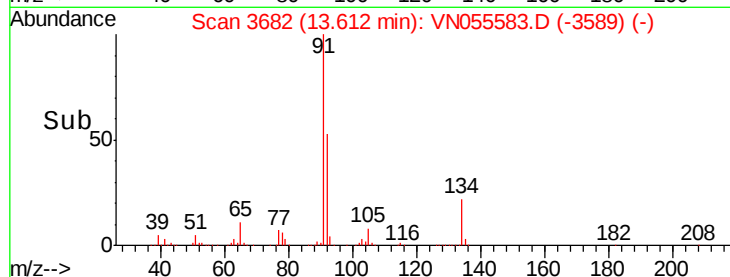
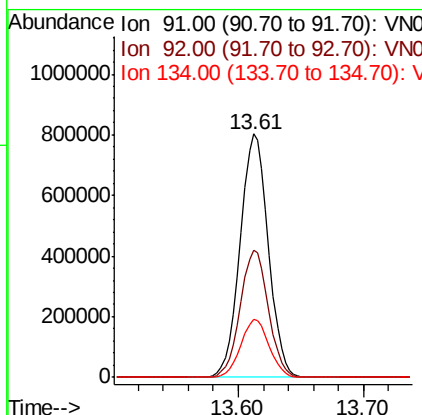
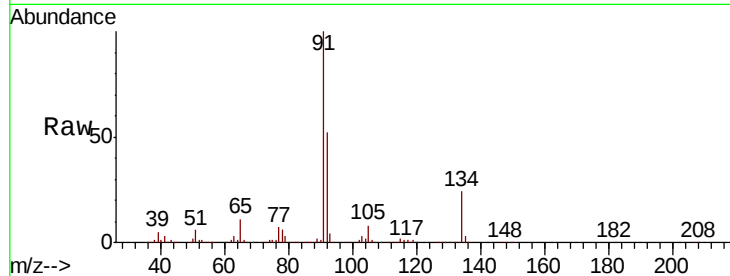




#89  
n-Butylbenzene  
Concen: 46.689 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

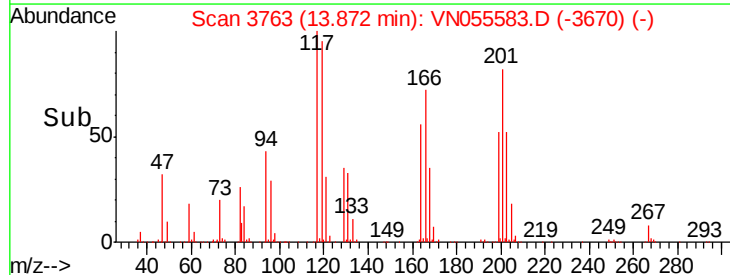
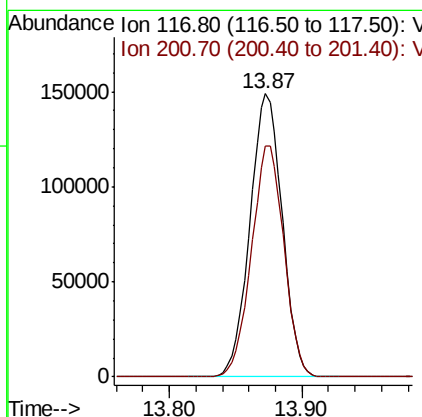
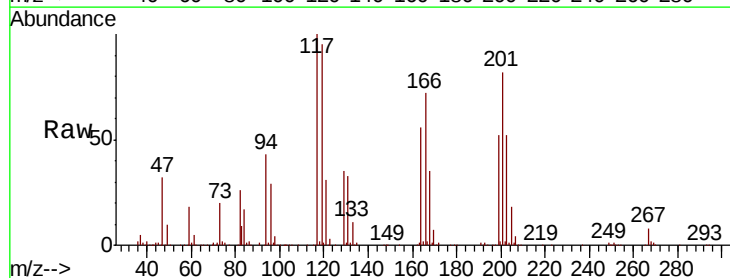
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050EC

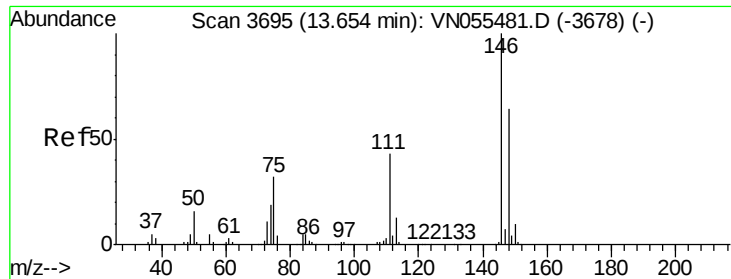
Tot Ion: 91 Resp: 1249121  
Ion Ratio Lower Upper  
91 100  
92 52.4 25.9 77.7  
134 24.2 11.8 35.4



#90  
Hexachloroethane  
Concen: 44.681 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. -0.00 min  
Lab File: VN055583.D  
Acq: 13 May 2019 18:41

Tgt Ion: 117 Resp: 251573  
Ion Ratio Lower Upper  
117 100  
201 82.1 40.1 120.2





#91

1,2-Dichlorobenzene

Concen: 49.090 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

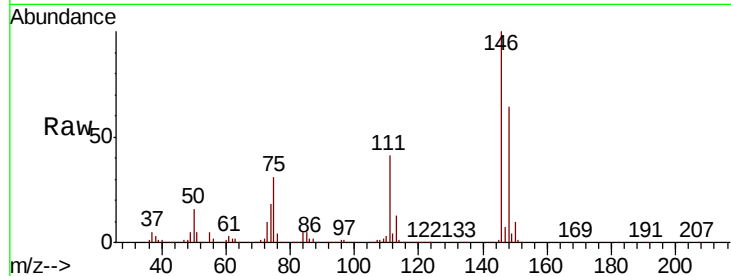
Tot Ion:146 Resp: 777765

Ion Ratio Lower Upper

146 100

111 41.6 21.3 63.7

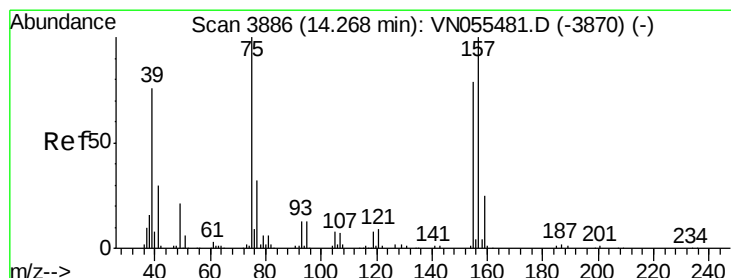
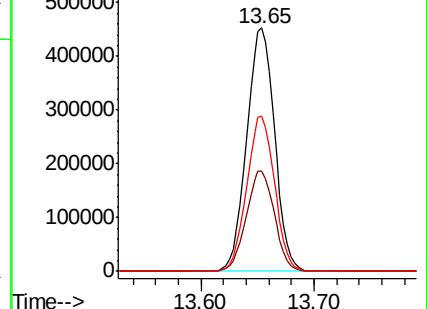
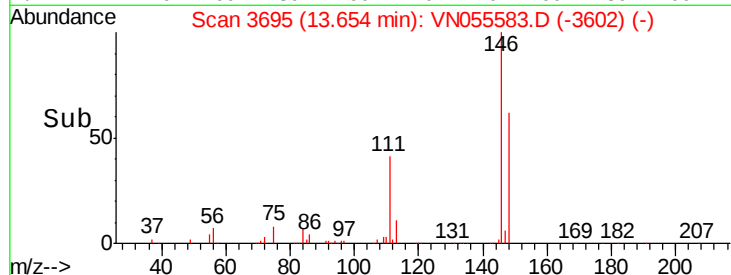
148 63.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.028 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

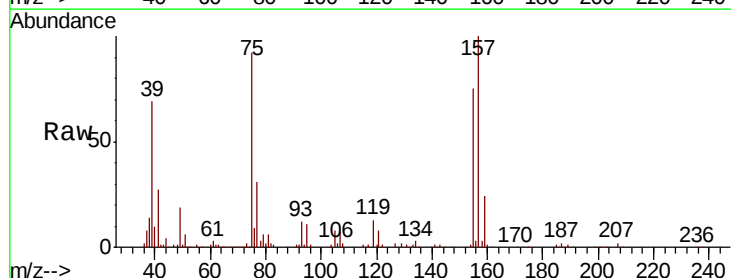
Tgt Ion: 75 Resp: 96388

Ion Ratio Lower Upper

75 100

155 82.4 39.3 117.8

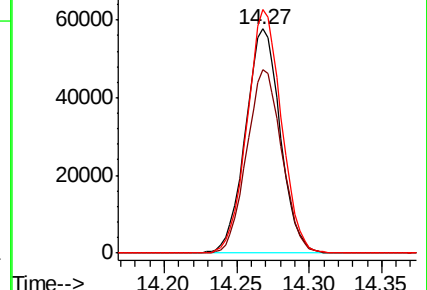
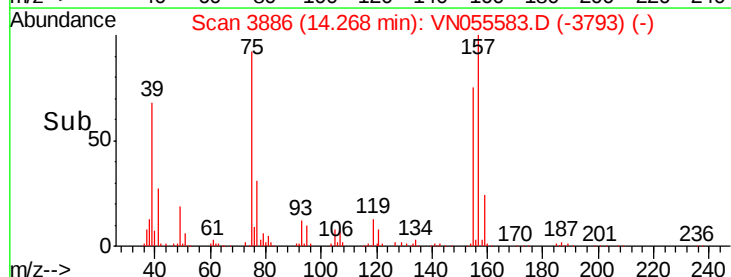
157 106.7 50.6 151.8

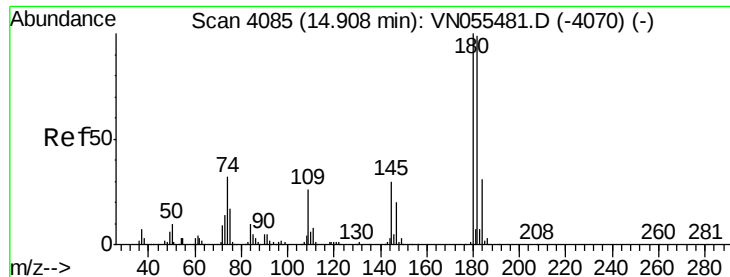


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

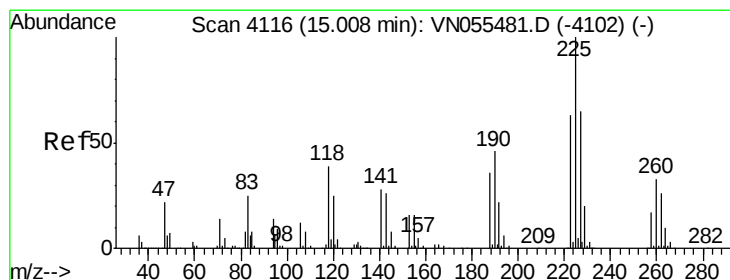
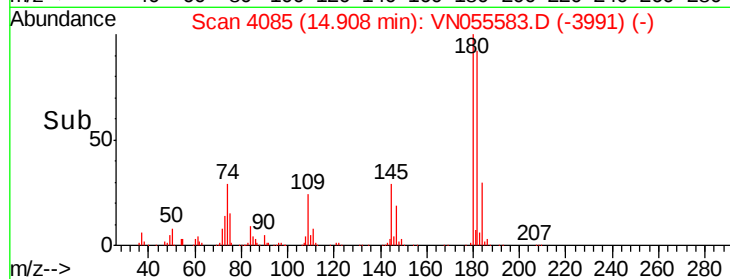
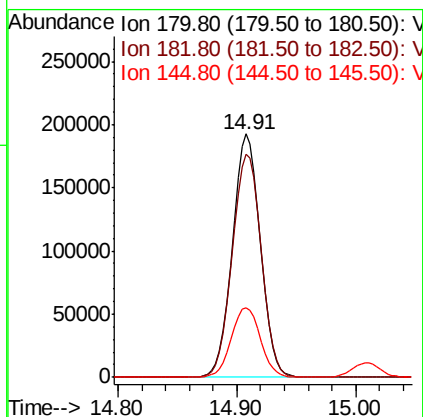
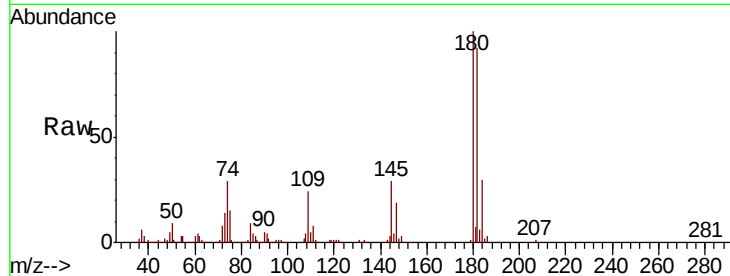




#93  
 1,2,4-Trichlorobenzene  
 Concen: 45.625 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

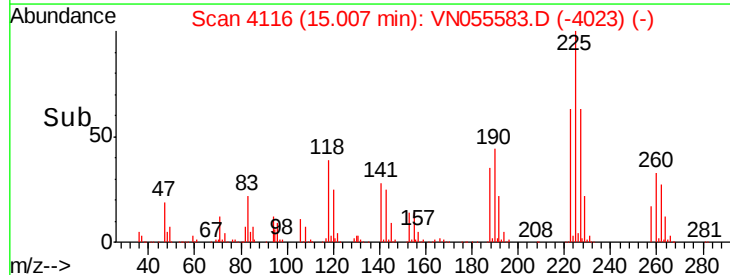
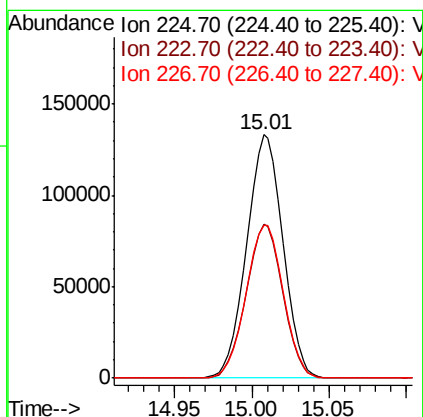
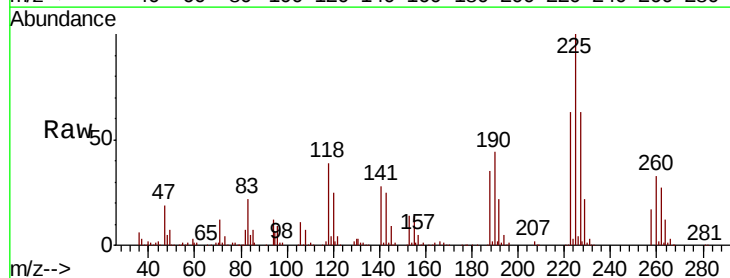
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

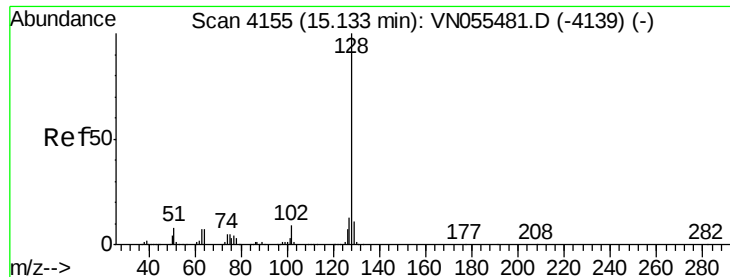
Tot Ion:180 Resp: 312674  
 Ion Ratio Lower Upper  
 180 100  
 182 95.3 48.7 146.1  
 145 29.9 15.3 45.9



#94  
 Hexachlorobutadiene  
 Concen: 46.302 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN055583.D  
 Acq: 13 May 2019 18:41

Tgt Ion:225 Resp: 217900  
 Ion Ratio Lower Upper  
 225 100  
 223 63.8 31.4 94.3  
 227 64.6 32.0 96.0





#95

Naphthalene

Concen: 45.812 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

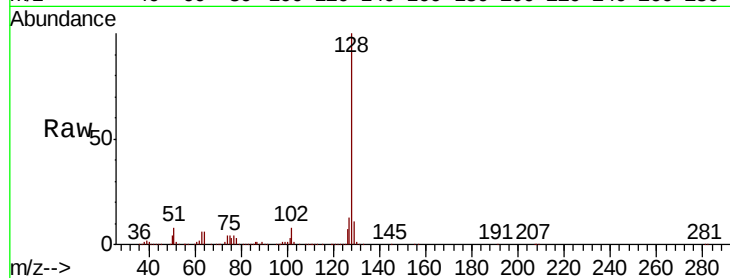
Tot Ion:128 Resp: 884106

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

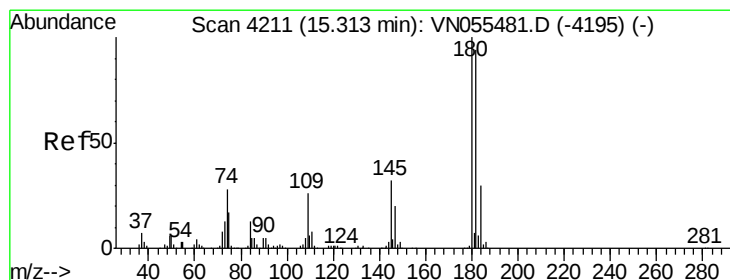
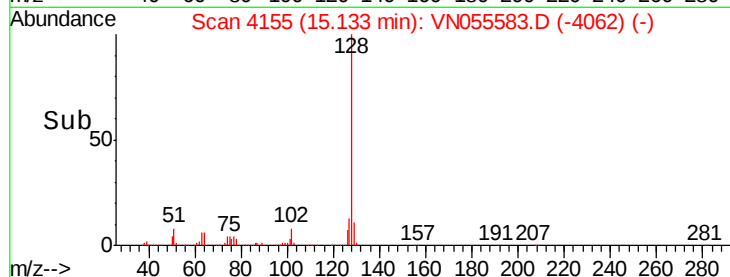
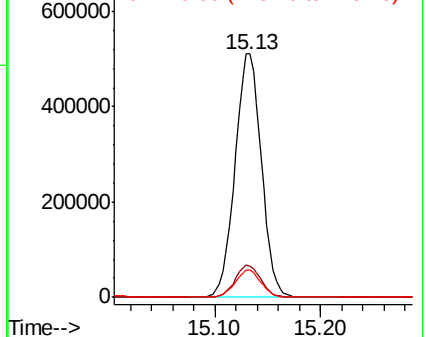
129 10.9 8.8 13.2



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: 46.281 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055583.D

Acq: 13 May 2019 18:41

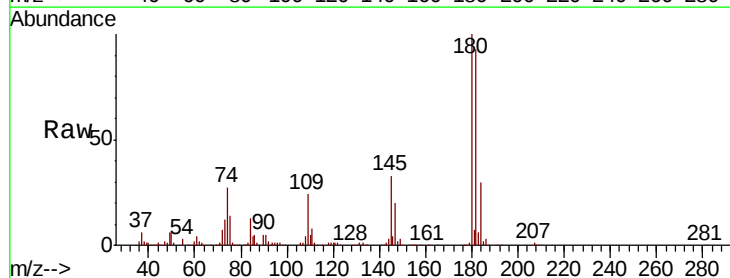
Tgt Ion:180 Resp: 344310

Ion Ratio Lower Upper

180 100

182 95.2 47.1 141.3

145 32.1 15.8 47.4



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

