

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\  
 Data File : VN054091.D  
 Acq On : 5 Mar 2019 11:08  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 06 02:16:05 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 28 04:05:45 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 713797   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 1080387  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 954629   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 446611   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.02  | 65   | 390442   | 46.66 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.32%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 349637   | 50.05 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.10% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1317396  | 50.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.30% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 442653   | 51.09 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.18% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 290989   | 44.296  | ug/l  | 100    |
| 3) Chloromethane              | 2.06 | 50   | 400467   | 43.949  | ug/l  | 100    |
| 4) Vinyl Chloride             | 2.19 | 62   | 407136   | 44.594  | ug/l  | 99     |
| 5) Bromomethane               | 2.57 | 94   | 256032   | 42.344  | ug/l  | 100    |
| 6) Chloroethane               | 2.71 | 64   | 242950   | 42.788  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 521063   | 44.674  | ug/l  | 99     |
| 8) Diethyl Ether              | 3.41 | 74   | 199600   | 45.677  | ug/l  | 91     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101  | 342897   | 46.548  | ug/l  | 95     |
| 10) Methyl Iodide             | 3.95 | 142  | 459337   | 47.455  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 4.77 | 59   | 119920   | 226.078 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 315031   | 44.709  | ug/l  | 95     |
| 13) Acrolein                  | 3.61 | 56   | 90040    | 163.953 | ug/l  | 100    |
| 14) Allyl chloride            | 4.32 | 41   | 571980   | 46.282  | ug/l  | 96     |
| 15) Acrylonitrile             | 4.98 | 53   | 673693   | 240.978 | ug/l  | 100    |
| 16) Acetone                   | 3.81 | 43   | 626562   | 284.564 | ug/l  | 98     |
| 17) Carbon Disulfide          | 4.05 | 76   | 949969   | 41.791  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.32 | 43   | 294836   | 50.393  | ug/l  | 96     |
| 19) Methyl tert-butyl Ether   | 5.04 | 73   | 901933   | 47.716  | ug/l  | 99     |
| 20) Methylene Chloride        | 4.55 | 84   | 368111   | 44.451  | ug/l  | 91     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 342282   | 44.881  | ug/l  | 91     |
| 22) Diisopropyl ether         | 5.95 | 45   | 1162417  | 48.755  | ug/l  | 96     |
| 23) Vinyl Acetate             | 5.89 | 43   | 4100362  | 239.065 | ug/l  | 96     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 667360   | 45.644  | ug/l  | 98     |
| 25) 2-Butanone                | 6.83 | 43   | 822313   | 250.292 | ug/l  | 97     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 497705   | 47.913  | ug/l  | 97     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 394255   | 46.484  | ug/l  | 94     |
| 28) Bromochloromethane        | 7.19 | 49   | 335778   | 50.173  | ug/l  | 83     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 513949   | 234.909 | ug/l  | 92     |
| 30) Chloroform                | 7.37 | 83   | 650068   | 45.853  | ug/l  | 100    |
| 31) Cyclohexane               | 7.65 | 56   | 623905   | 46.601  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 534486   | 45.723  | ug/l  | 97     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 510344   | 50.795  | ug/l  | 97     |
| 37) Ethyl Acetate             | 6.93 | 43   | 340020   | 47.396  | ug/l  | 97     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 477154   | 45.663  | ug/l  | 100    |

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 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 06 02:16:05 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 28 04:05:45 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 609954   | 50.368   | ug/l   | 95       |
| 40) Benzene                    | 8.04  | 78   | 1503981  | 48.727   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.18  | 41   | 191150   | 41.379   | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 468251   | 49.002   | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 575626   | 47.522   | ug/l # | 90       |
| 44) Trichloroethene            | 8.83  | 130  | 403120   | 49.264   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 408537   | 49.060   | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 233682   | 48.337   | ug/l   | 93       |
| 47) Bromodichloromethane       | 9.40  | 83   | 499573   | 49.034   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 286414   | 51.406   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 75748    | 1003.776 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 1625754  | 261.190  | ug/l   | 97       |
| 52) Toluene                    | 10.16 | 92   | 911210   | 50.136   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 509450   | 51.391   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 594680   | 50.886   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 333559   | 49.143   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 417095   | 46.988   | ug/l   | 91       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 576043   | 50.229   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 946589   | 229.625  | ug/l   | 96       |
| 59) 2-Hexanone                 | 10.75 | 43   | 1078461  | 266.402  | ug/l   | 94       |
| 60) Dibromochloromethane       | 10.90 | 129  | 367319   | 48.694   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 322156   | 49.202   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 394540   | 48.807   | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 989055   | 49.092   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 356797   | 49.138   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 1705595  | 50.498   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.62 | 106  | 1305120  | 102.382  | ug/l   | 96       |
| 69) o-Xylene                   | 11.95 | 106  | 628870   | 50.207   | ug/l   | 97       |
| 70) Styrene                    | 11.96 | 104  | 1022401  | 53.069   | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 252763   | 50.038   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 1674589  | 48.168   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 457019   | 50.156   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 399309   | 45.931   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 494884   | 69.075   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 413349   | 46.829   | ug/l   | 90       |
| 78) n-propylbenzene            | 12.59 | 91   | 1985294  | 50.213   | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 1148337  | 48.349   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1430757  | 50.270   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 106922   | 47.169   | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 1160405  | 49.434   | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1223062  | 48.587   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1454137  | 51.176   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 1723992  | 50.144   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 1499599  | 51.594   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 752333   | 49.271   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 739131   | 49.894   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 1329975  | 54.296   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.87 | 117  | 261663   | 46.458   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 725018   | 49.051   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 58842    | 47.895   | ug/l   | 91       |

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

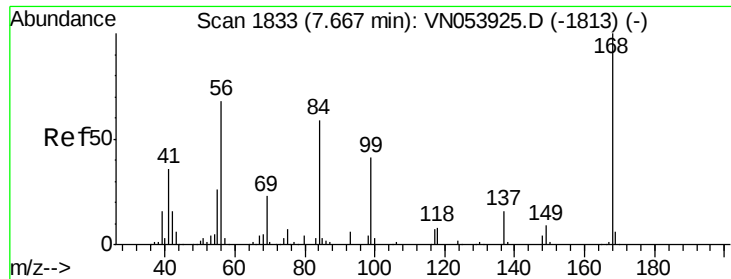
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Mar 06 02:16:05 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022519W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 28 04:05:45 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 397936   | 48.544 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 269437   | 50.463 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 770379   | 43.978 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 376965   | 47.941 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

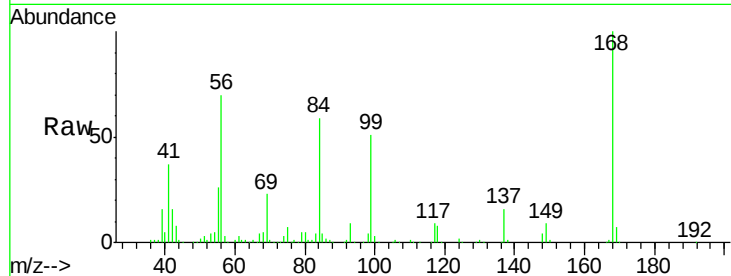
VSTDCCC050

Tot Ion:168 Resp: 713797

Ion Ratio Lower Upper

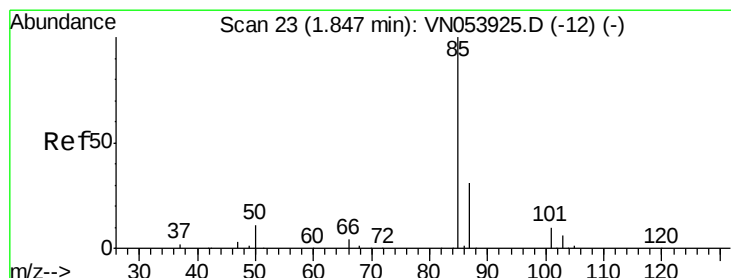
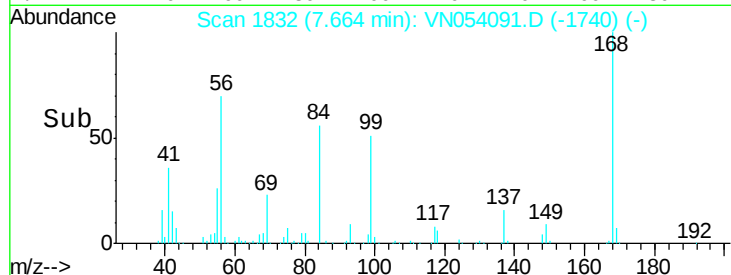
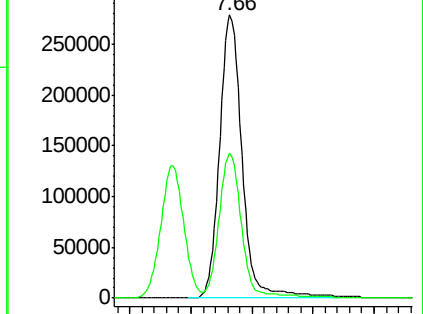
168 100

99 50.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.296 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN054091.D

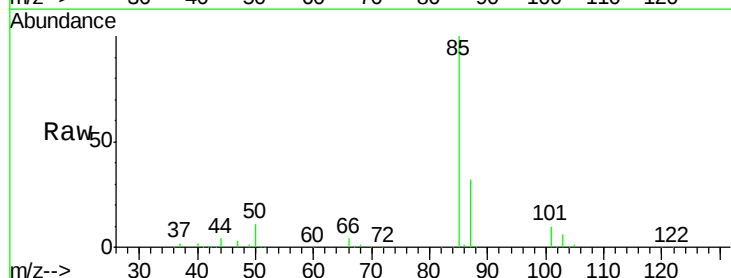
Acq: 5 Mar 2019 11:08

Tgt Ion: 85 Resp: 290989

Ion Ratio Lower Upper

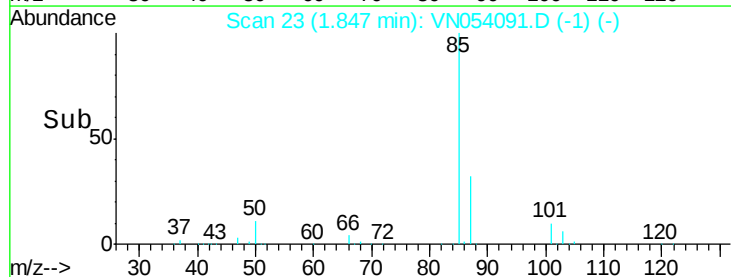
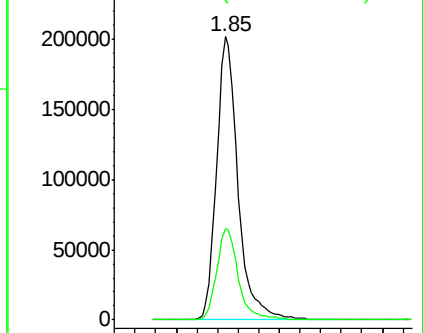
85 100

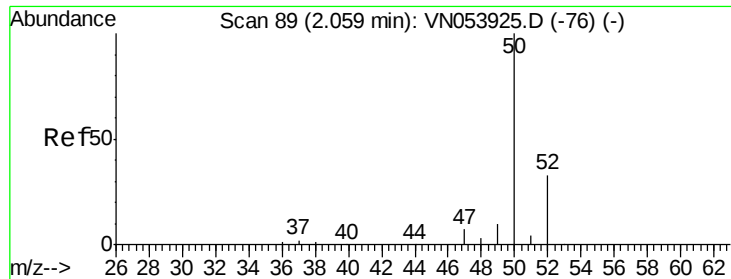
87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.949 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

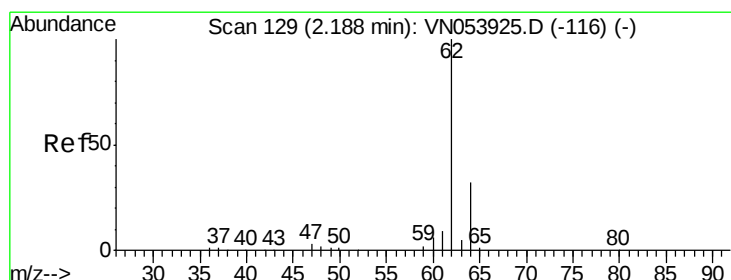
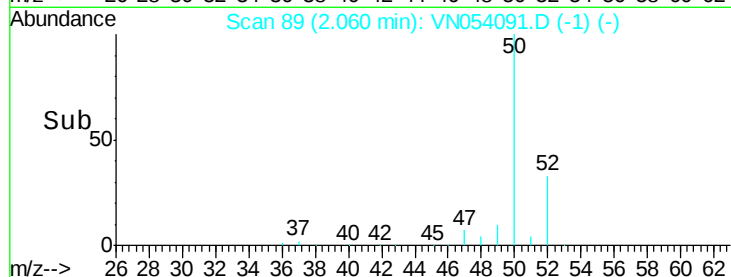
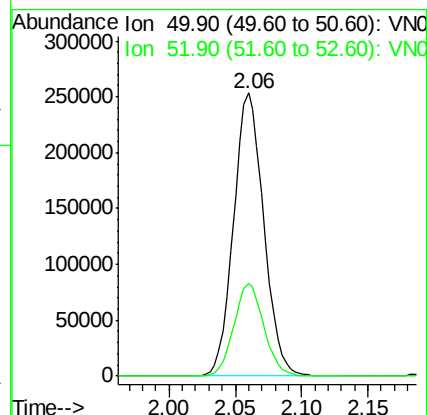
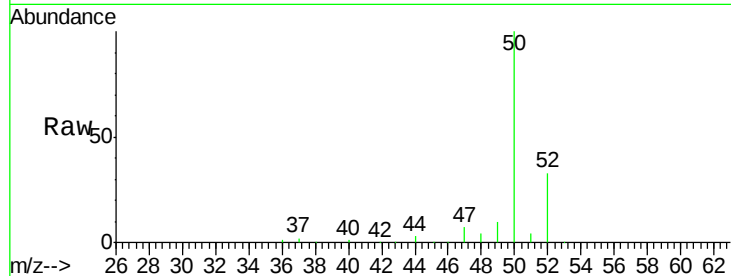
VSTDCCC050

Tot Ion: 50 Resp: 400467

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 44.594 ug/l

RT: 2.19 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN054091.D

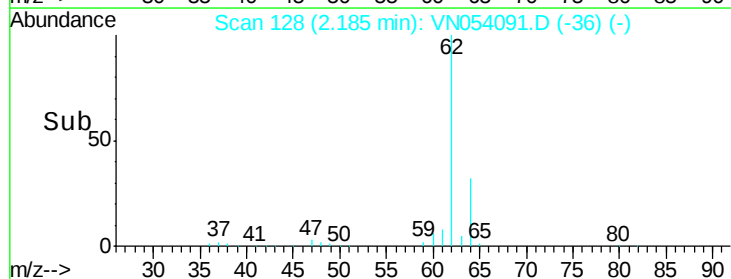
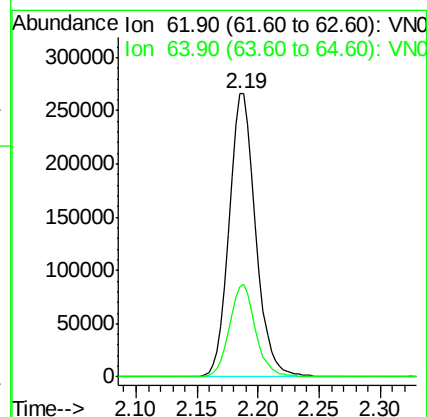
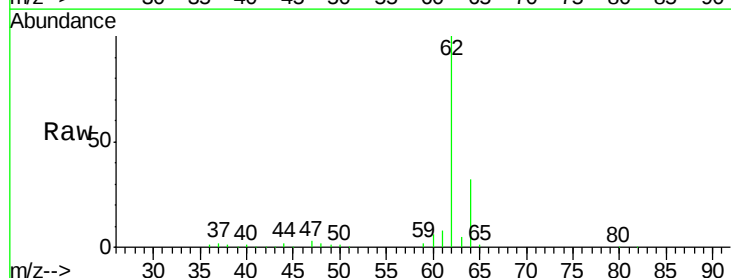
Acq: 5 Mar 2019 11:08

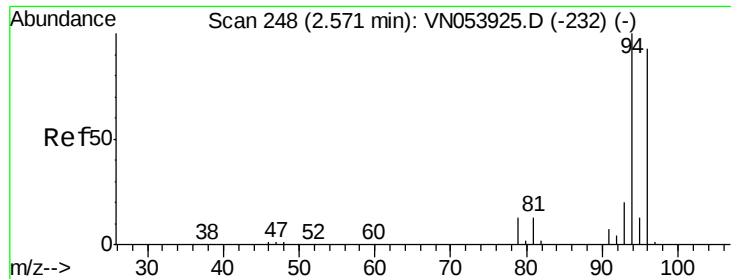
Tgt Ion: 62 Resp: 407136

Ion Ratio Lower Upper

62 100

64 32.0 25.1 37.7





#5

Bromomethane

Concen: 42.344 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

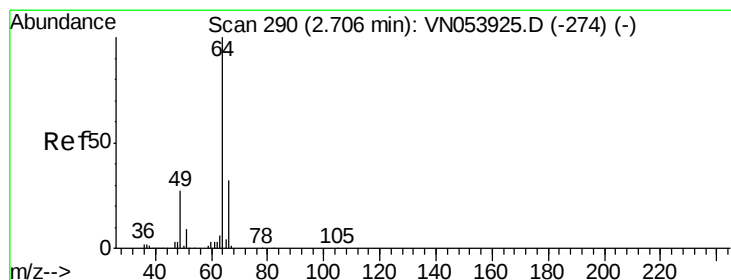
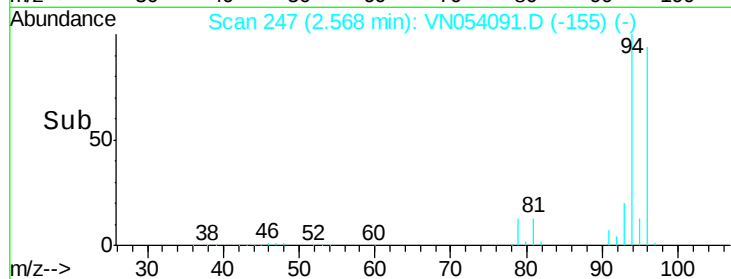
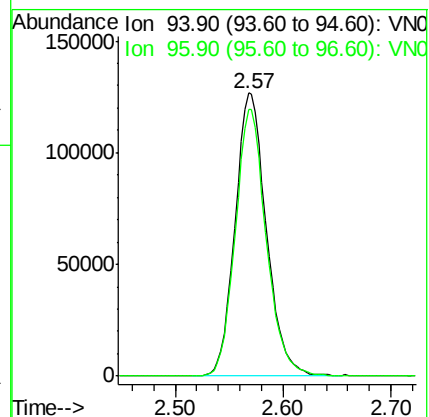
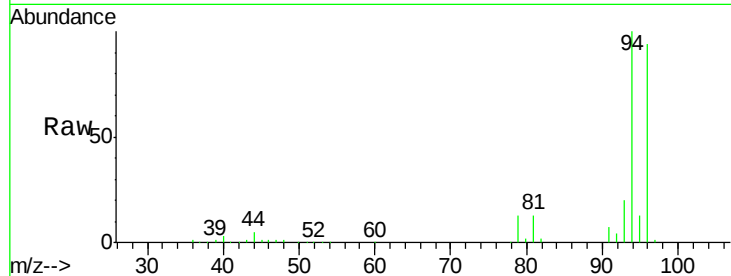
VSTDCCC050

Tot Ion: 94 Resp: 256032

Ion Ratio Lower Upper

94 100

96 94.0 74.9 112.3



#6

Chloroethane

Concen: 42.788 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN054091.D

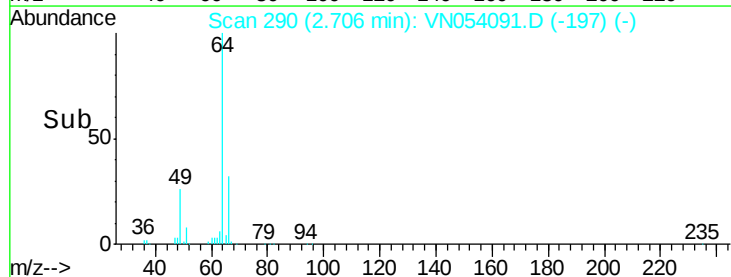
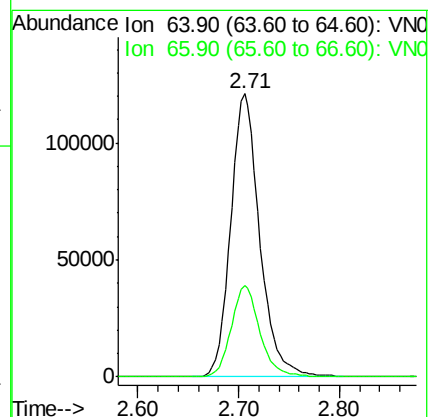
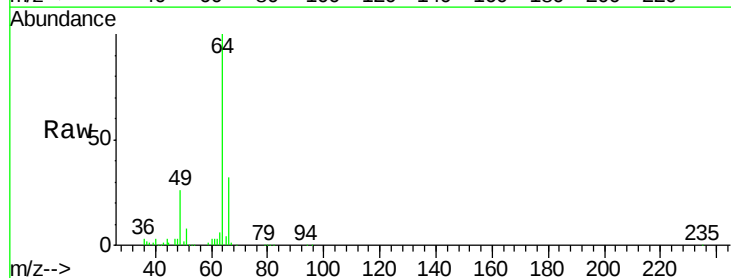
Acq: 5 Mar 2019 11:08

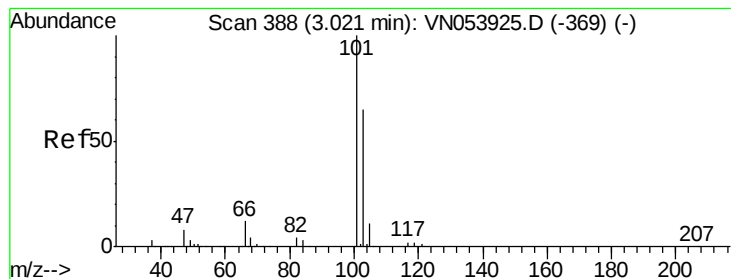
Tgt Ion: 64 Resp: 242950

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



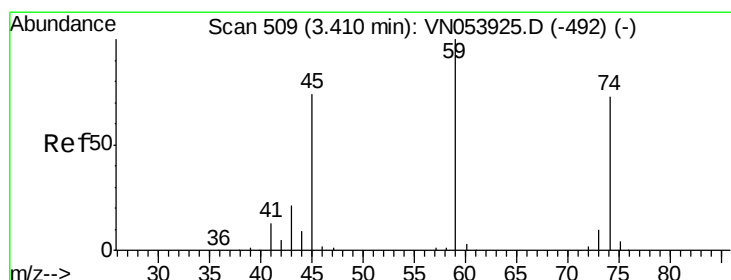
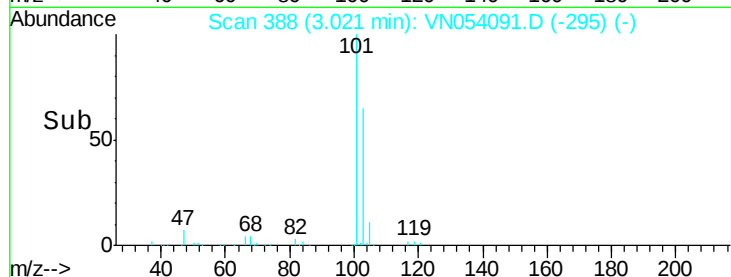
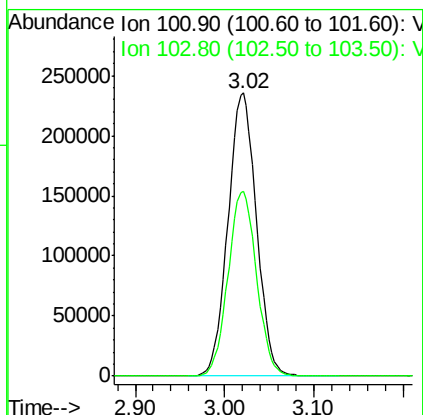
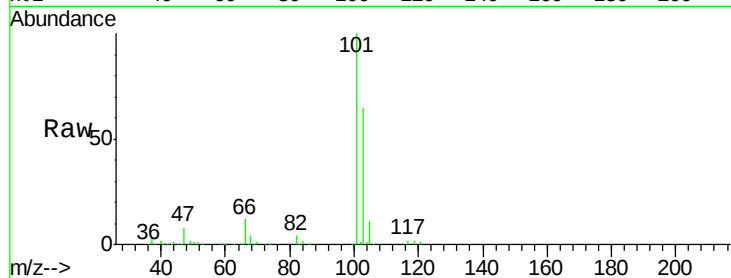


#7

Trichlorofluoromethane  
 Concen: 44.674 ug/l  
 RT: 3.02 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

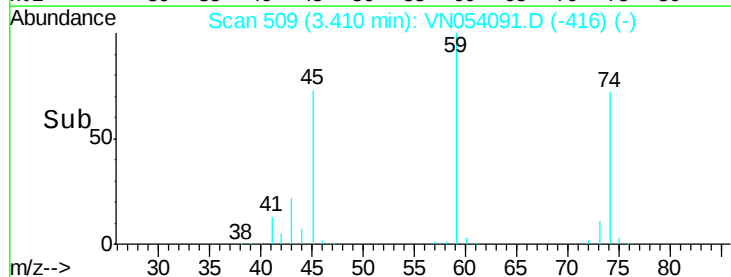
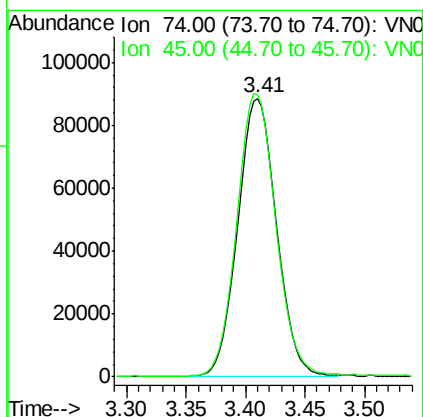
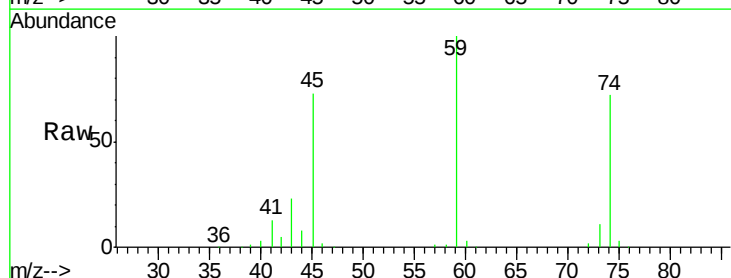
Tot Ion:101 Resp: 521063  
 Ion Ratio Lower Upper  
 101 100  
 103 65.3 51.9 77.9

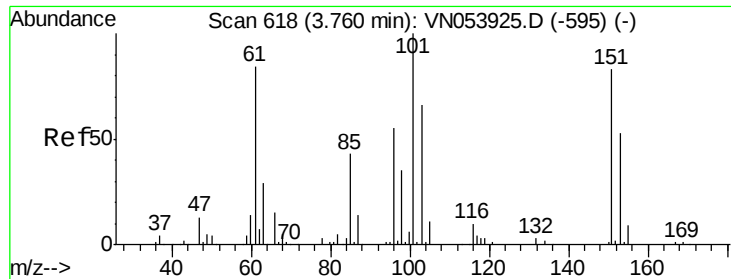


#8

Diethyl Ether  
 Concen: 45.677 ug/l  
 RT: 3.41 min Scan# 509  
 Delta R.T. 0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

Tgt Ion: 74 Resp: 199600  
 Ion Ratio Lower Upper  
 74 100  
 45 102.3 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.548 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

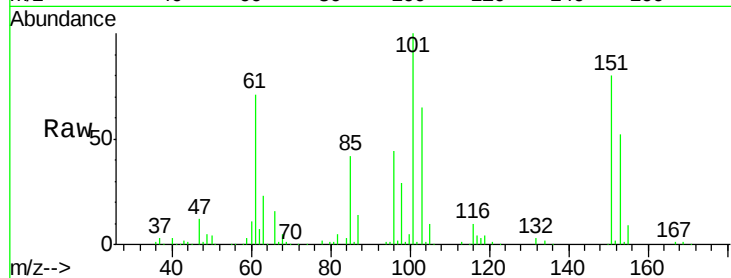
Tot Ion:101 Resp: 342897

Ion Ratio Lower Upper

101 100

85 42.1 32.5 48.7

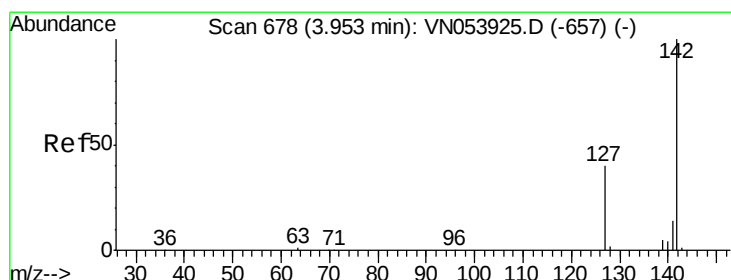
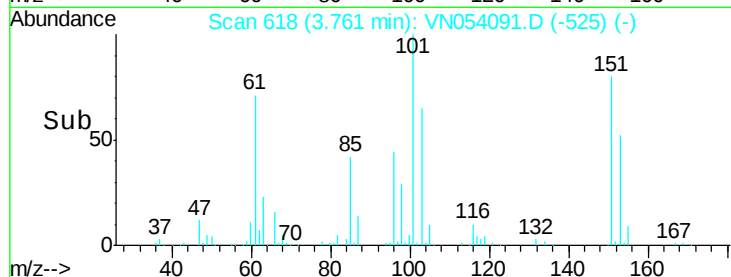
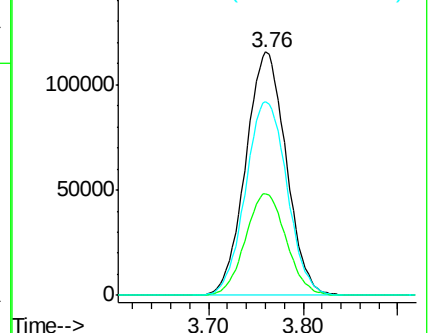
151 82.0 70.2 105.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.455 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

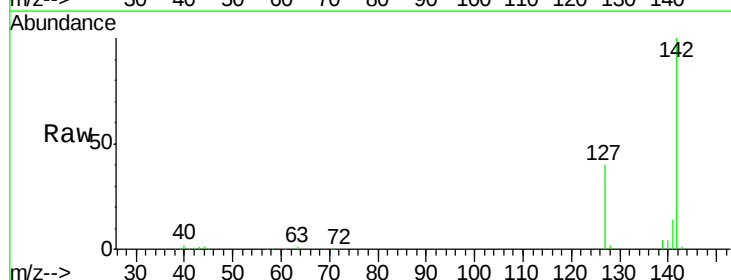
Tgt Ion:142 Resp: 459337

Ion Ratio Lower Upper

142 100

127 40.4 31.0 46.4

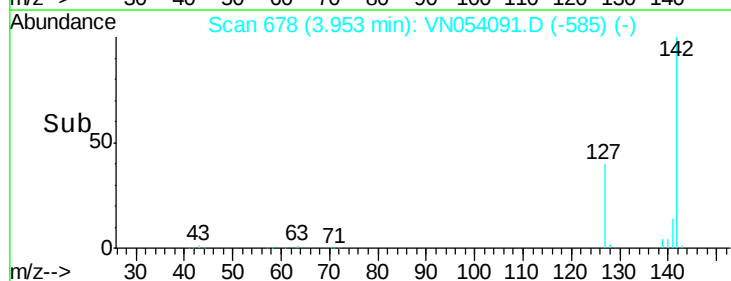
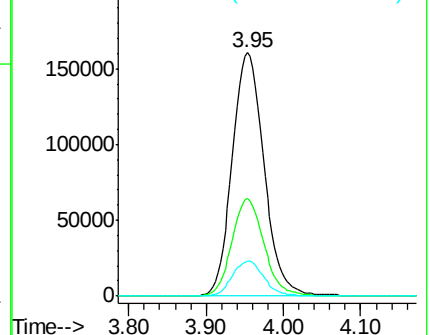
141 14.3 11.3 16.9

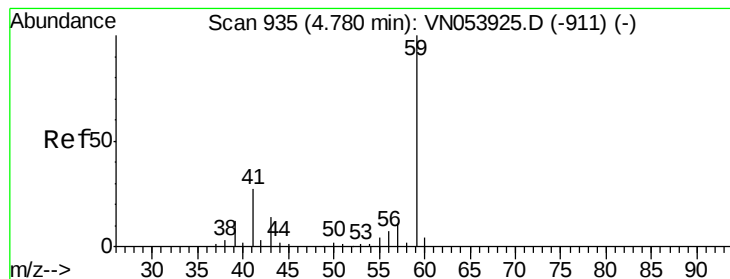


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



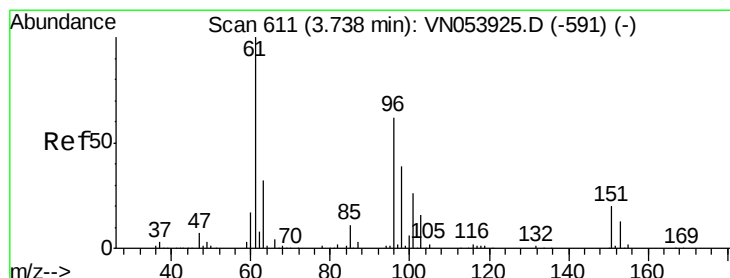
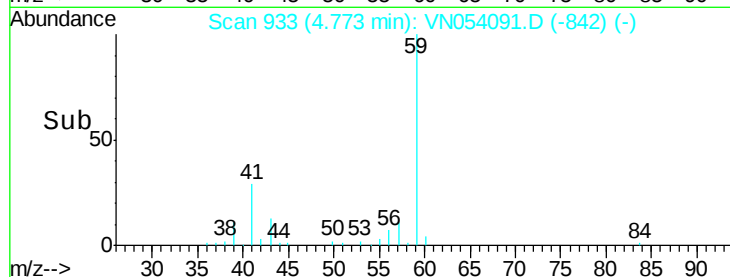
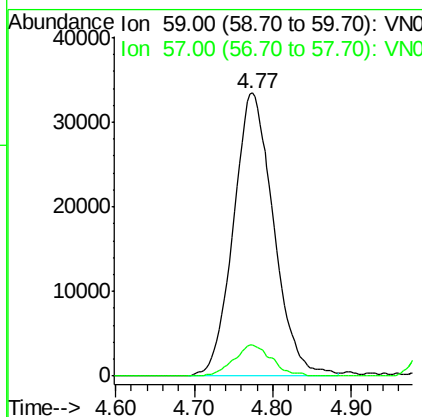
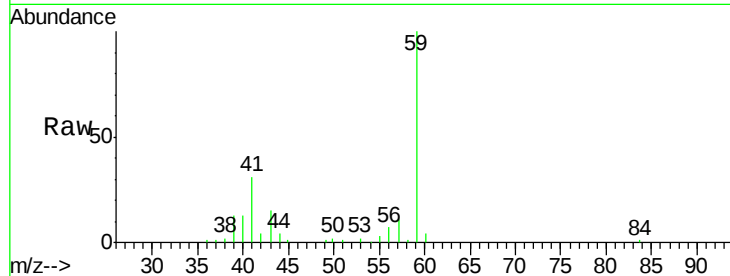


#11

Tert butyl alcohol  
 Concen: 226.078 ug/l  
 RT: 4.77 min Scan# 933  
 Delta R.T. -0.01 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

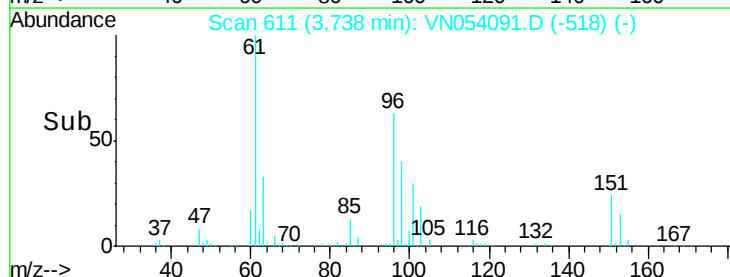
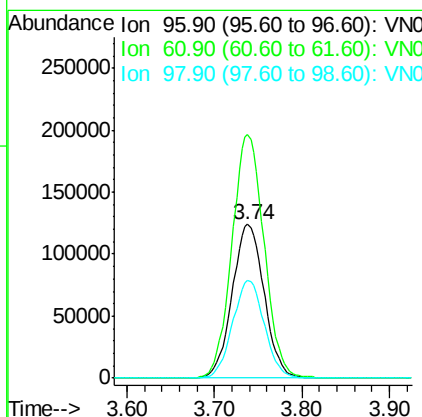
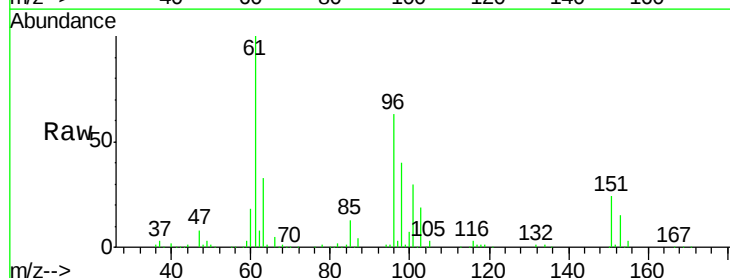
Tot Ion: 59 Resp: 119920  
 Ion Ratio Lower Upper  
 59 100  
 57 10.4 8.1 12.1

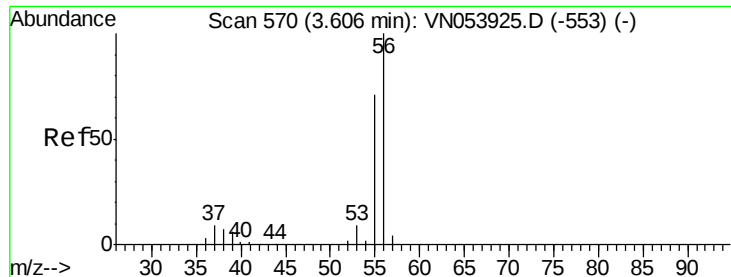


#12

1,1-Dichloroethene  
 Concen: 44.709 ug/l  
 RT: 3.74 min Scan# 611  
 Delta R.T. 0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

Tgt Ion: 96 Resp: 315031  
 Ion Ratio Lower Upper  
 96 100  
 61 158.1 121.0 181.4  
 98 63.2 52.2 78.2





#13

Acrolein

Concen: 163.953 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

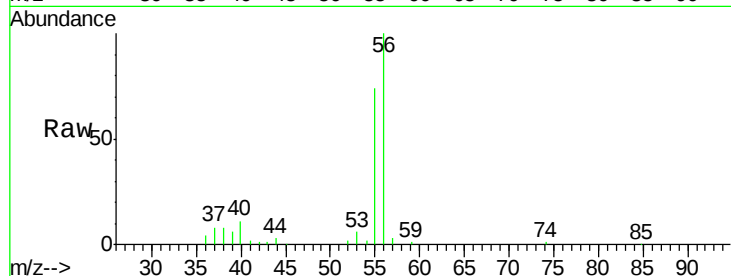
VSTDCCC050

Tot Ion: 56 Resp: 90040

Ion Ratio Lower Upper

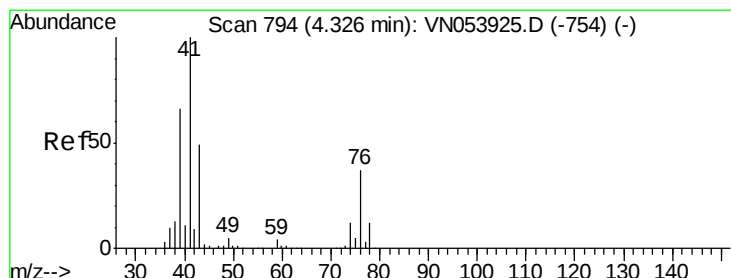
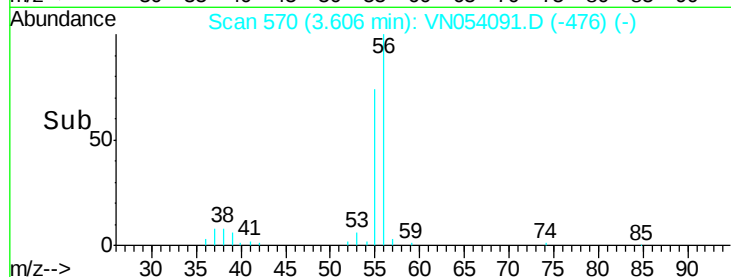
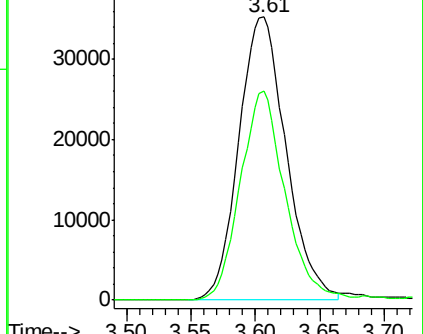
56 100

55 70.0 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 46.282 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

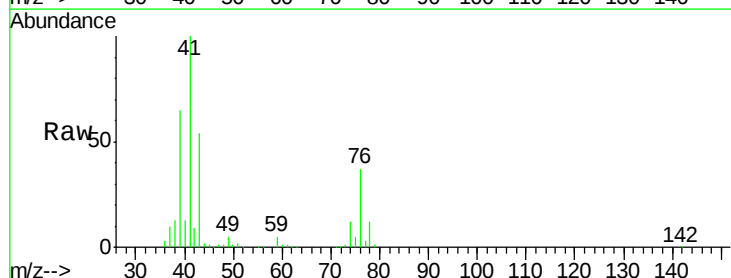
Tgt Ion: 41 Resp: 571980

Ion Ratio Lower Upper

41 100

39 62.5 48.8 73.2

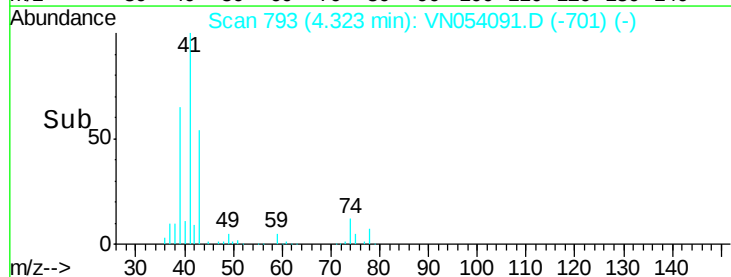
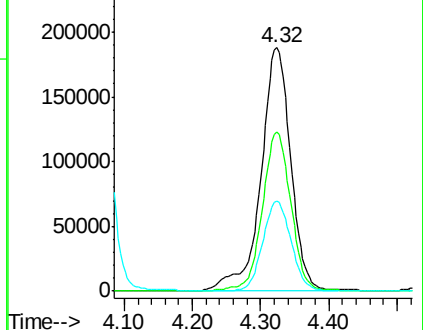
76 34.6 30.9 46.3

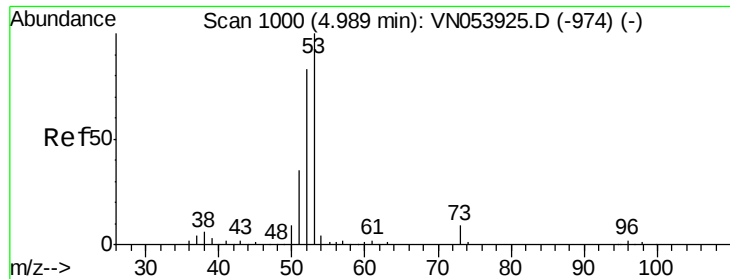


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 240.978 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

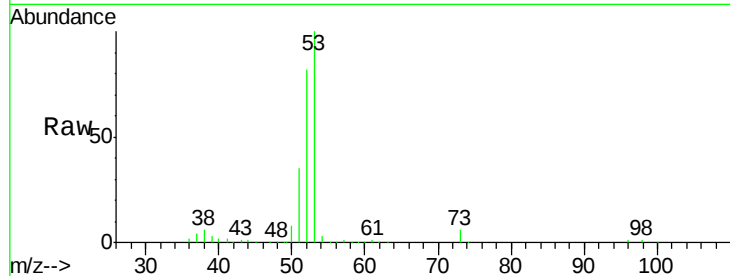
Tot Ion: 53 Resp: 673693

Ion Ratio Lower Upper

53 100

52 81.3 65.1 97.7

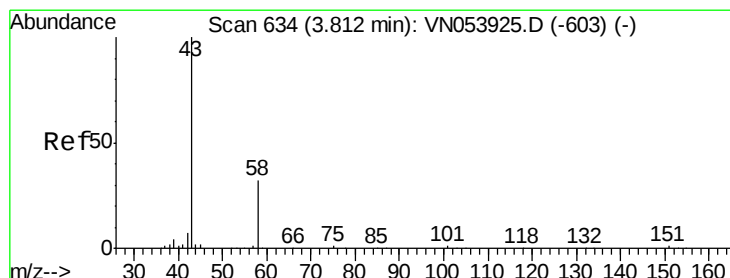
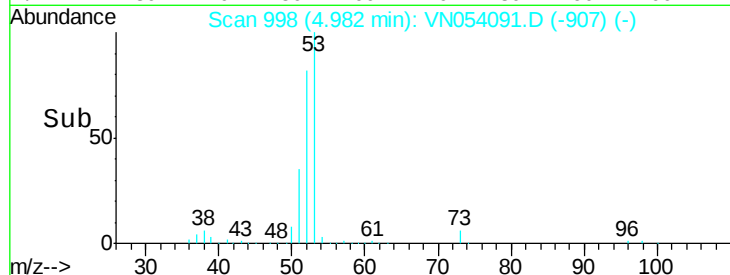
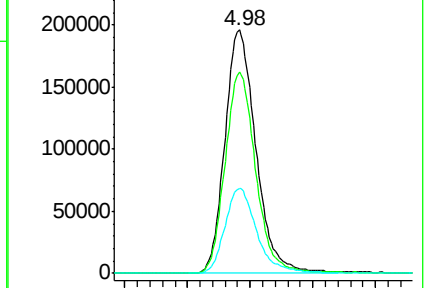
51 35.8 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN053925.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN053925.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VN053925.D (-974) (-)



#16

Acetone

Concen: 284.564 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN054091.D

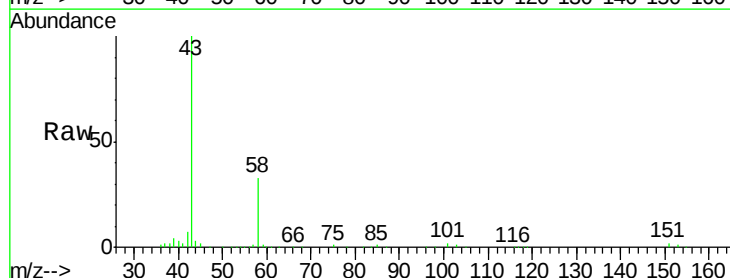
Acq: 5 Mar 2019 11:08

Tgt Ion: 43 Resp: 626562

Ion Ratio Lower Upper

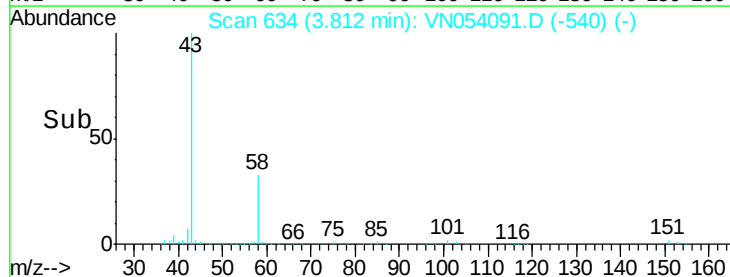
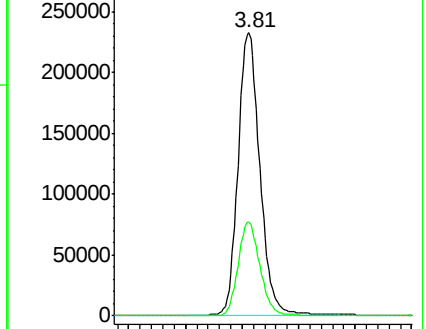
43 100

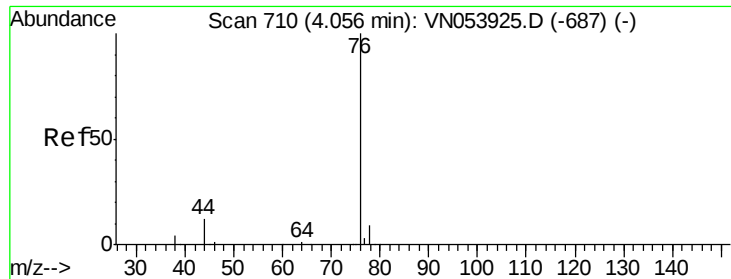
58 33.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053925.D (-603) (-)

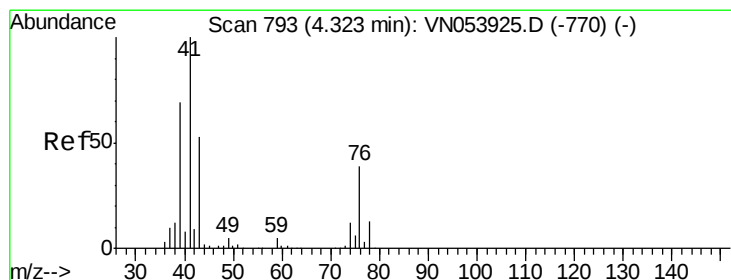
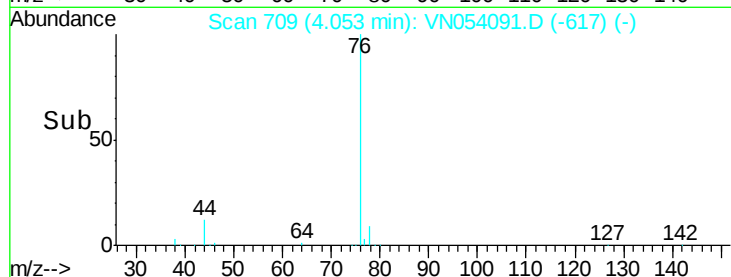
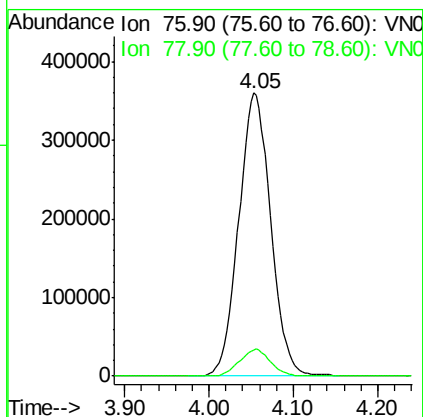
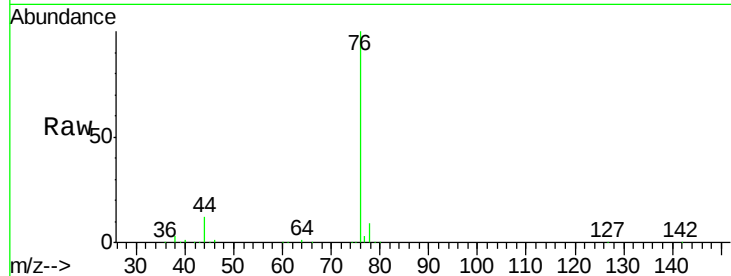




#17  
Carbon Disulfide  
Concen: 41.791 ug/l  
RT: 4.05 min Scan# 709  
Delta R.T. -0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

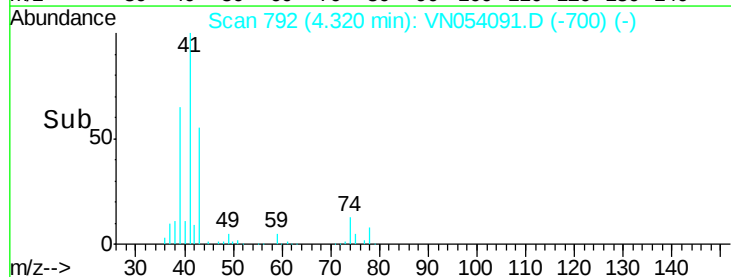
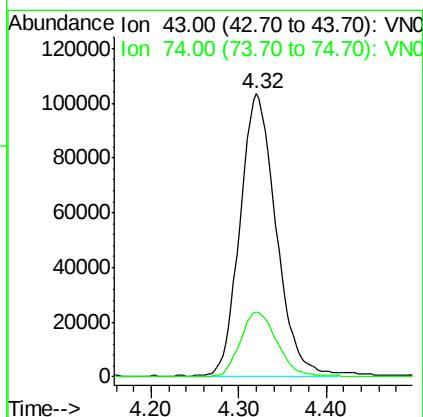
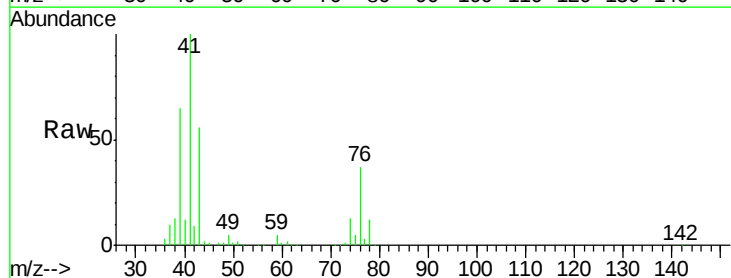
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

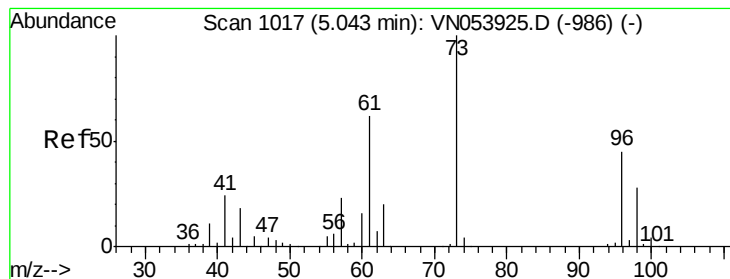
Tot Ion: 76 Resp: 949969  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.5 11.3



#18  
Methyl Acetate  
Concen: 50.393 ug/l  
RT: 4.32 min Scan# 792  
Delta R.T. -0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Tgt Ion: 43 Resp: 294836  
Ion Ratio Lower Upper  
43 100  
74 23.5 20.5 30.7





#19

Methyl tert-butyl Ether

Concen: 47.716 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

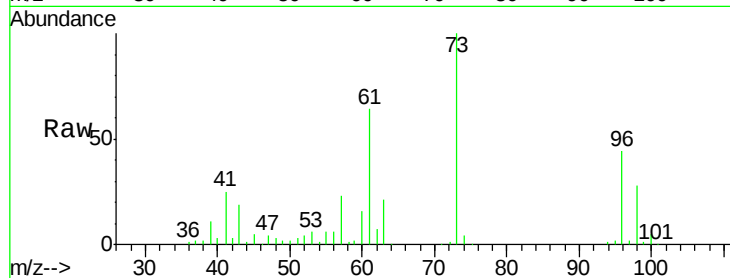
VSTDCCC050

Tot Ion: 73 Resp: 901933

Ion Ratio Lower Upper

73 100

57 23.0 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VN053925.D (-986) (-)

Ion 57.00 (56.70 to 57.70): VN053925.D (-986) (-)

5.04

250000

200000

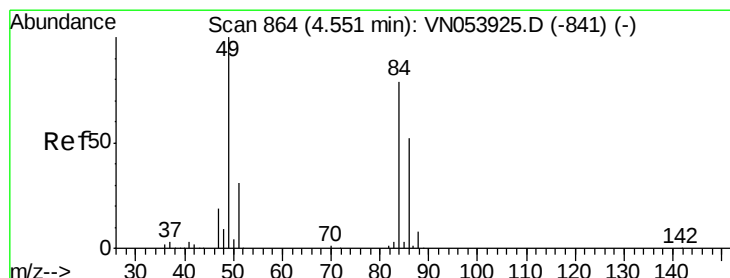
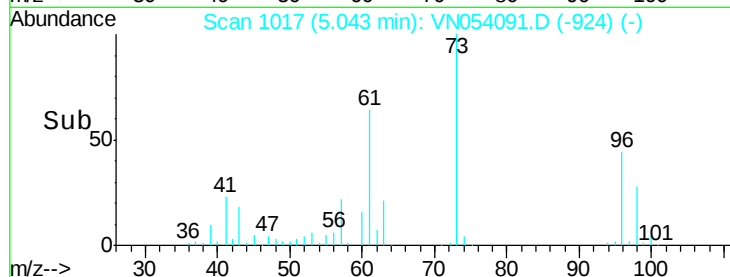
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 44.451 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Tgt Ion: 84 Resp: 368111

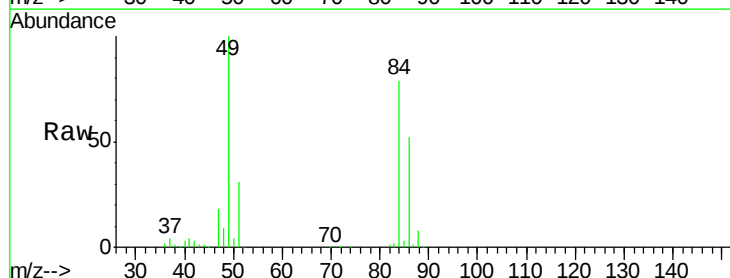
Ion Ratio Lower Upper

84 100

49 126.8 89.7 134.5

51 38.9 27.8 41.8

86 65.9 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN053925.D (-841) (-)

Ion 48.90 (48.60 to 49.60): VN053925.D (-841) (-)

Ion 50.90 (50.60 to 51.60): VN053925.D (-841) (-)

Ion 85.90 (85.60 to 86.60): VN053925.D (-841) (-)

200000

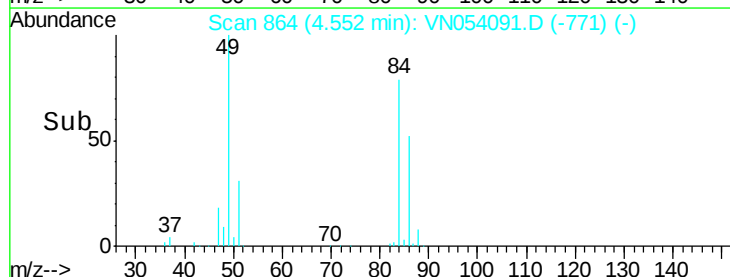
150000

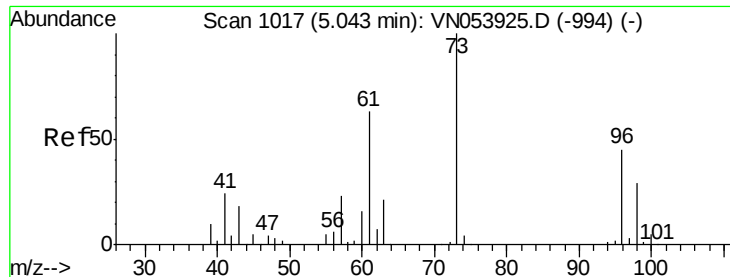
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 44.881 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

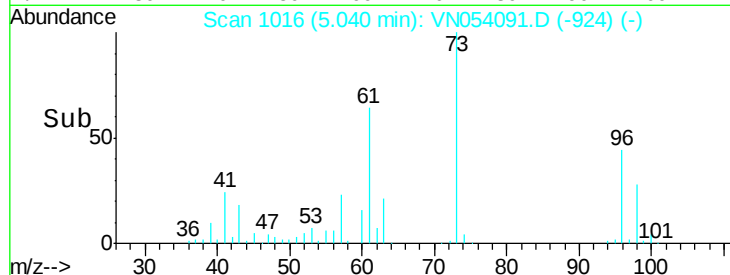
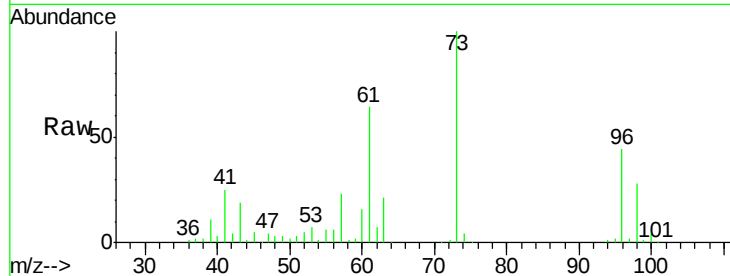
Tot Ion: 96 Resp: 342282

Ion Ratio Lower Upper

96 100

61 145.6 104.5 156.7

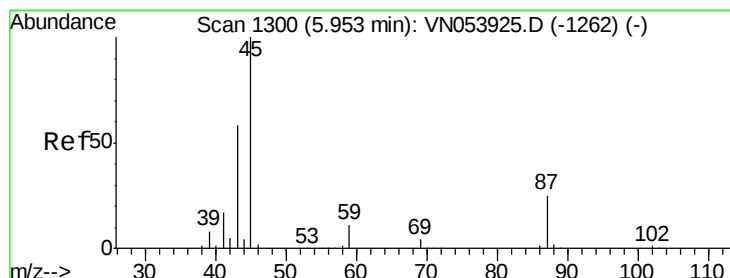
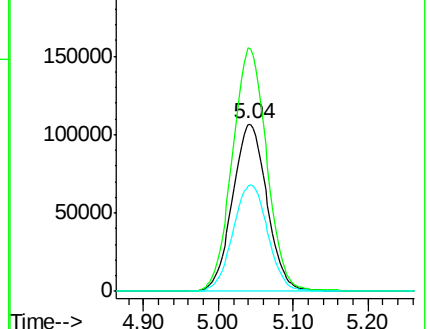
98 63.0 50.6 76.0



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: 48.755 ug/l

RT: 5.95 min Scan# 1298

Delta R.T. -0.01 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Tgt Ion: 45 Resp: 1162417

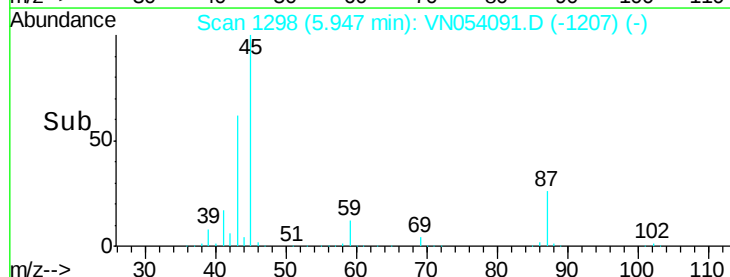
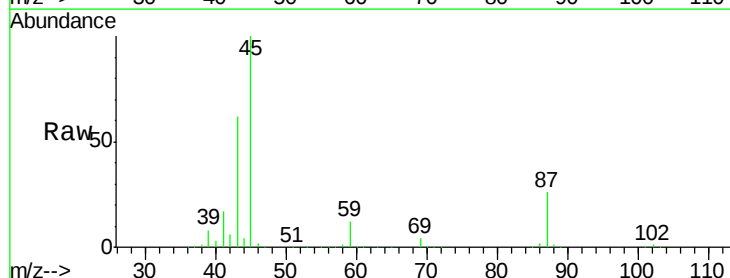
Ion Ratio Lower Upper

45 100

43 60.7 46.2 69.4

87 25.6 23.4 35.0

59 11.4 9.4 14.0

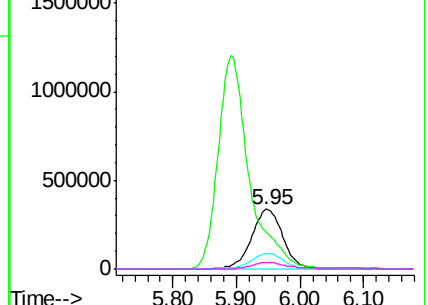


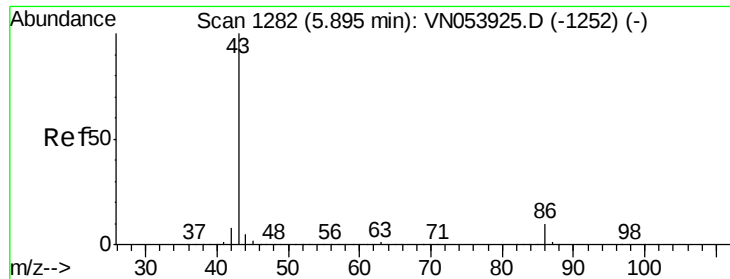
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

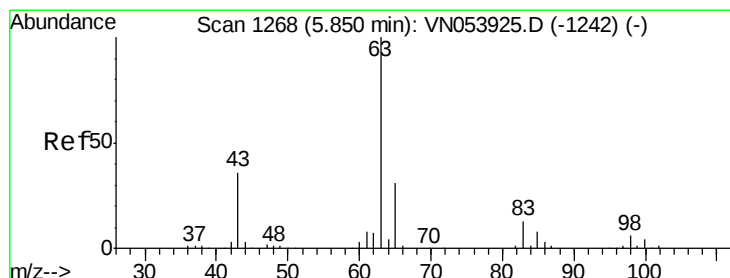
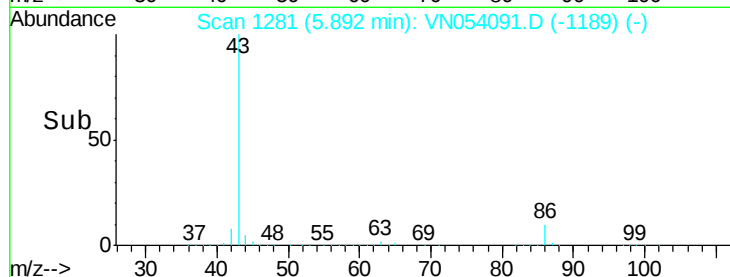
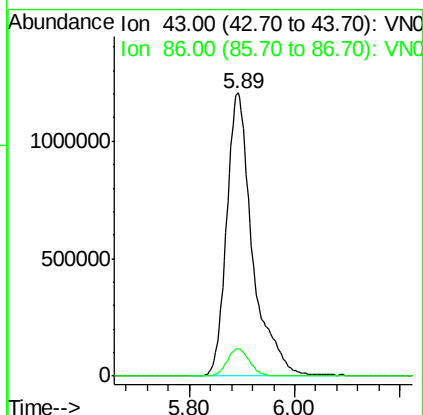
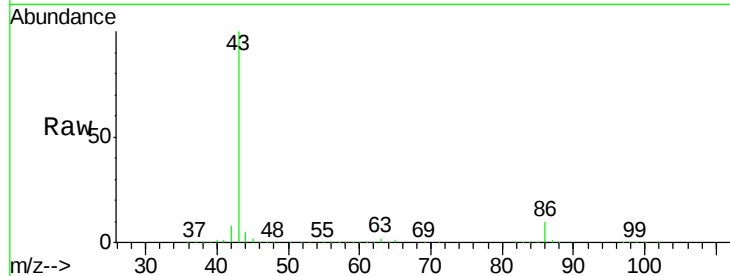




#23  
 Vinyl Acetate  
 Concen: 239.065 ug/l  
 RT: 5.89 min Scan# 1281  
 Delta R.T. -0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

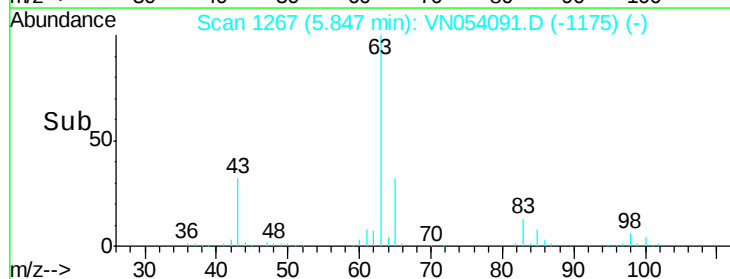
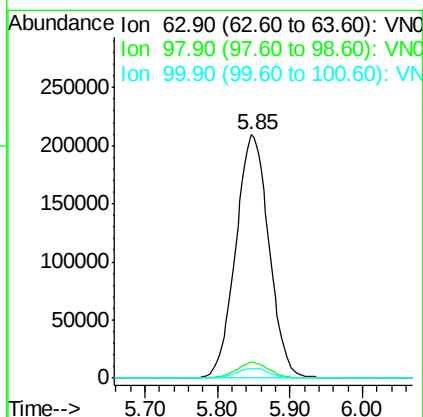
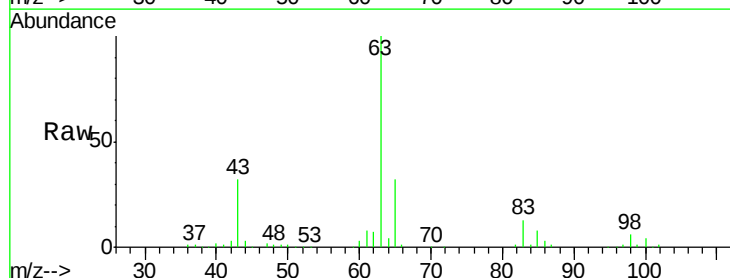
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

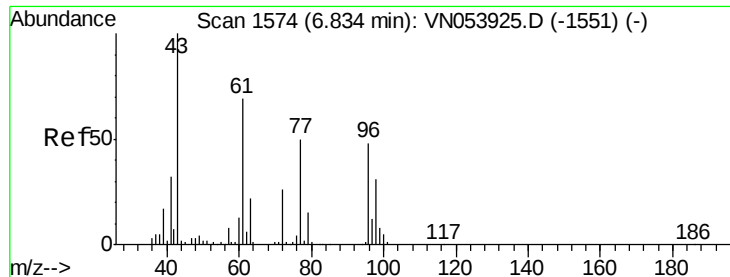
Tot Ion: 43 Resp: 4100362  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 9.1 13.7



#24  
 1,1-Dichloroethane  
 Concen: 45.644 ug/l  
 RT: 5.85 min Scan# 1267  
 Delta R.T. -0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

Tgt Ion: 63 Resp: 667360  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.4 10.2  
 100 3.6 2.2 6.6

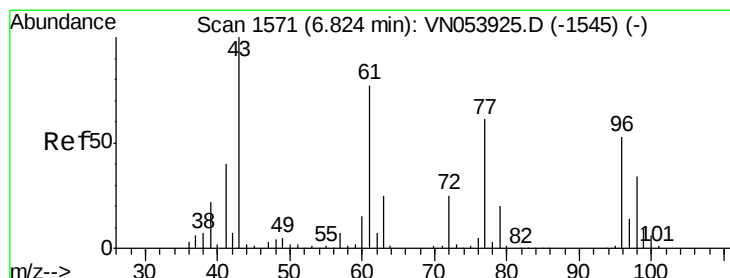
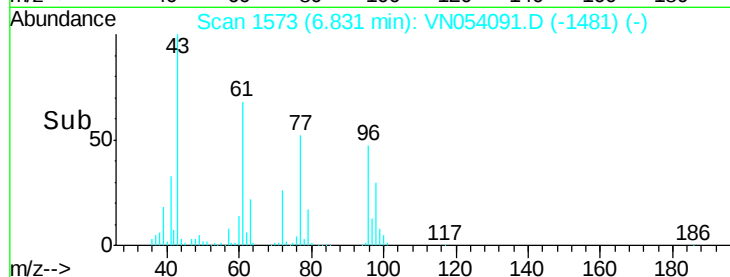
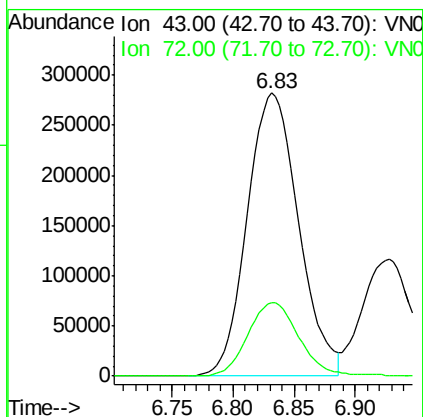
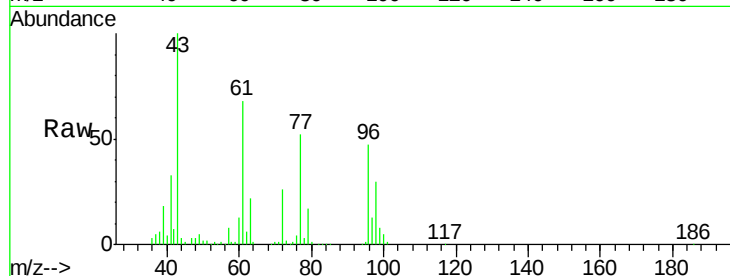




#25  
2-Butanone  
Concen: 250.292 ug/l  
RT: 6.83 min Scan# 1573  
Delta R.T. -0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

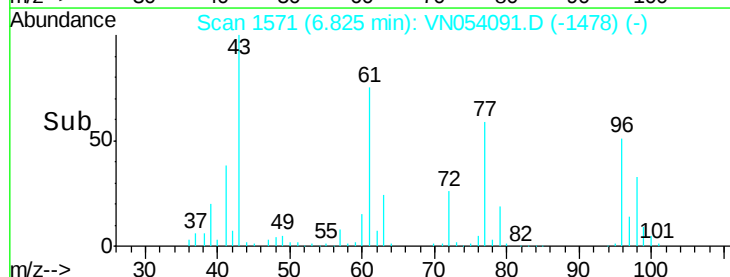
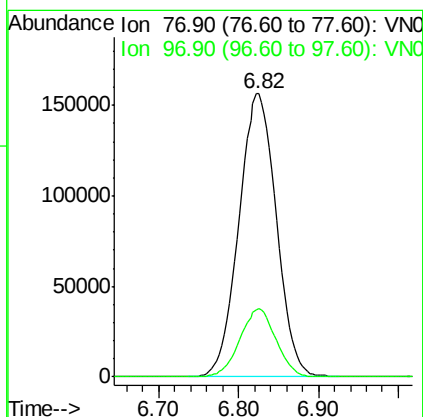
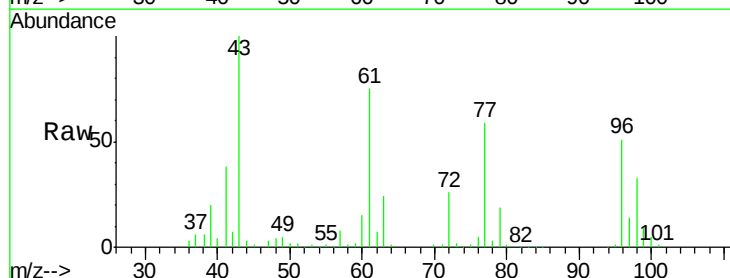
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

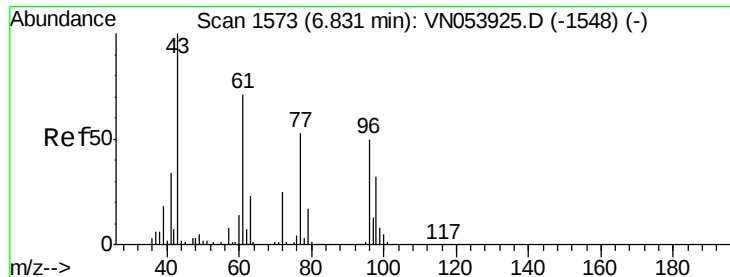
Tot Ion: 43 Resp: 822313  
Ion Ratio Lower Upper  
43 100  
72 26.0 22.1 33.1



#26  
2,2-Dichloropropane  
Concen: 47.913 ug/l  
RT: 6.82 min Scan# 1571  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Tgt Ion: 77 Resp: 497705  
Ion Ratio Lower Upper  
77 100  
97 23.2 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 46.484 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

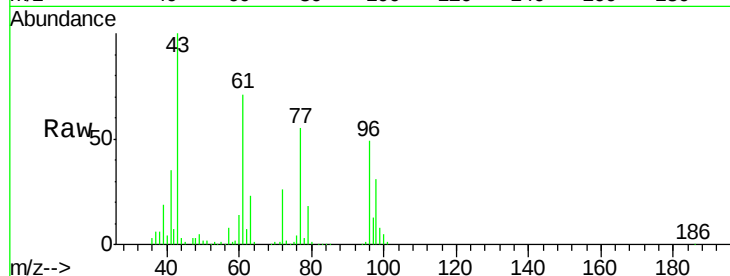
Tot Ion: 96 Resp: 394255

Ion Ratio Lower Upper

96 100

61 147.4 0.0 275.6

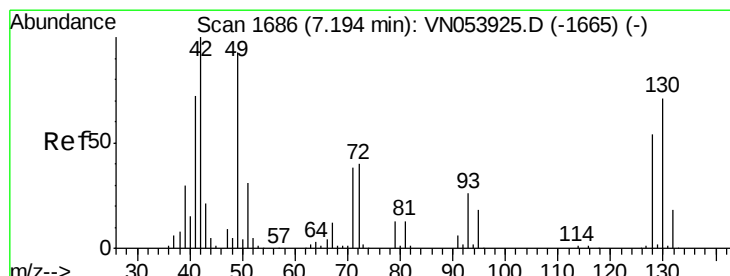
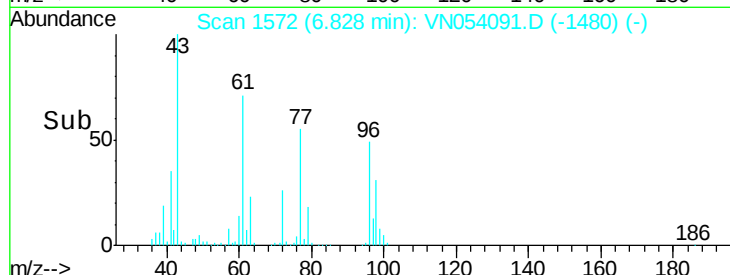
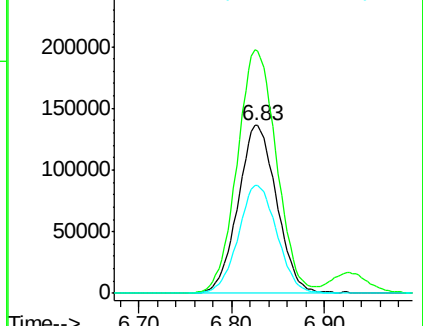
98 64.5 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN054091.D (-1548) (-)

Ion 60.90 (60.60 to 61.60): VN054091.D (-1548) (-)

Ion 97.90 (97.60 to 98.60): VN054091.D (-1548) (-)



#28

Bromochloromethane

Concen: 50.173 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

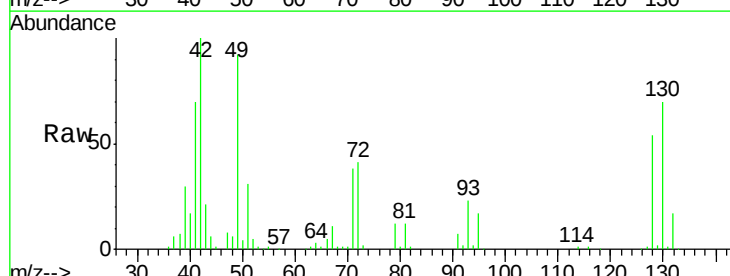
Tgt Ion: 49 Resp: 335778

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

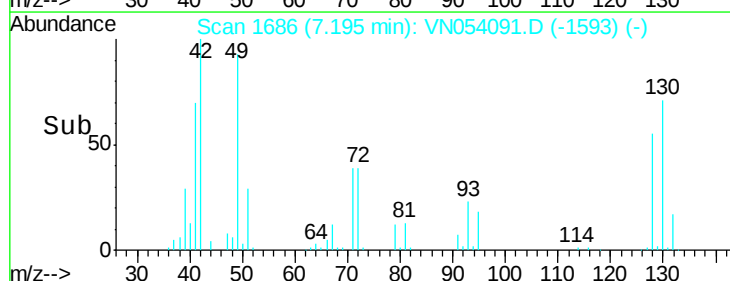
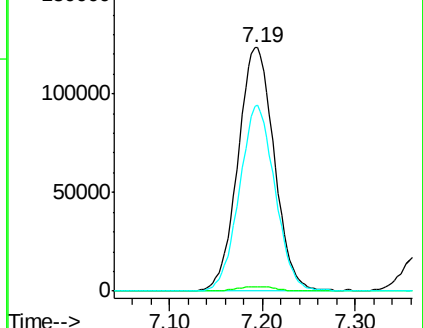
130 74.8 72.9 109.3

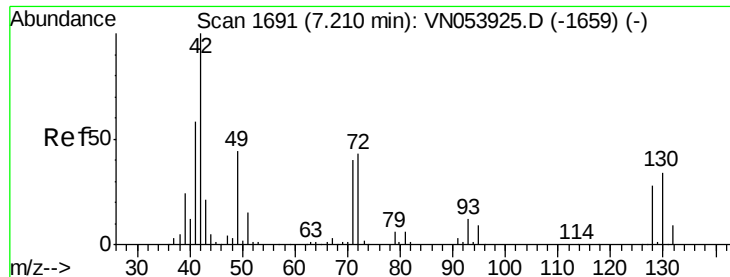


Abundance Ion 48.90 (48.60 to 49.60): VN054091.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN054091.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN054091.D (-1665) (-)

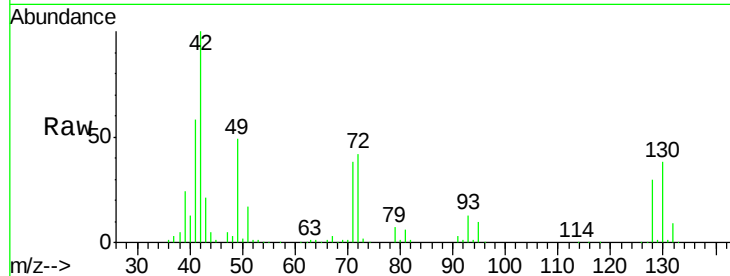




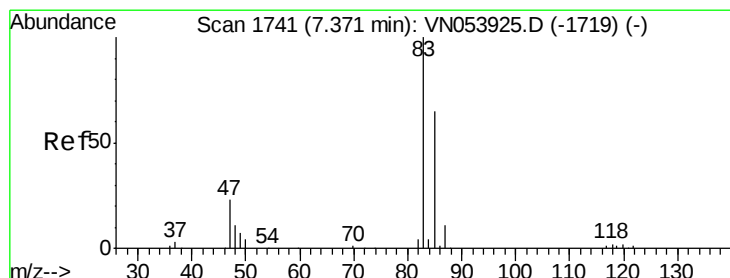
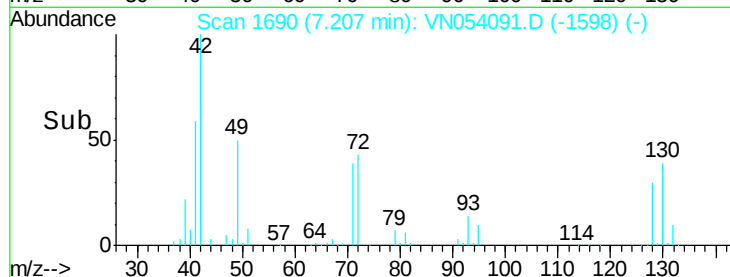
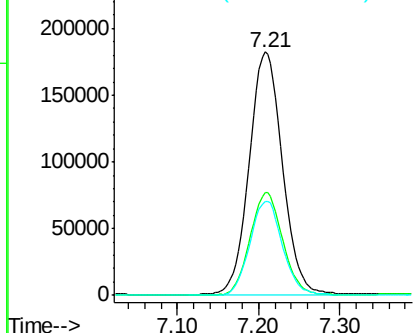
#29  
Tetrahydrofuran  
Concen: 234.909 ug/l  
RT: 7.21 min Scan# 1690  
Delta R.T. -0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 42 Resp: 513949  
Ion Ratio Lower Upper  
42 100  
72 41.1 36.9 55.3  
71 38.2 34.6 52.0

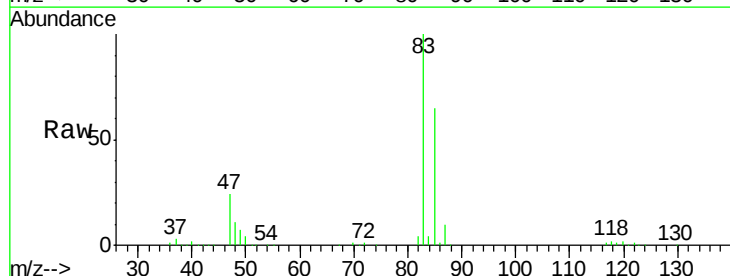


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

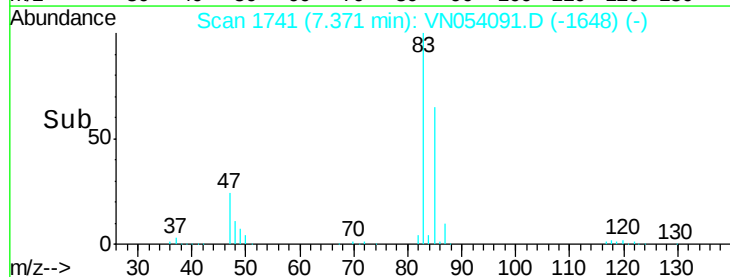
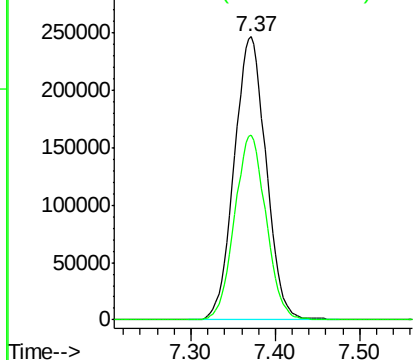


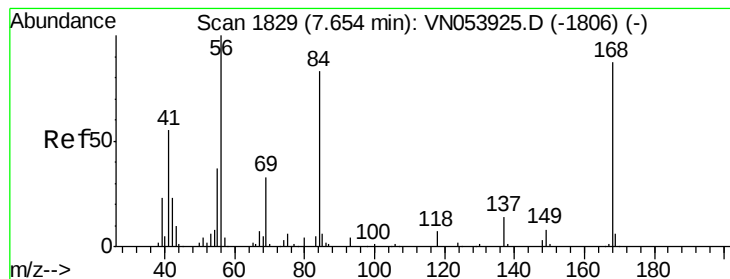
#30  
Chloroform  
Concen: 45.853 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Tgt Ion: 83 Resp: 650068  
Ion Ratio Lower Upper  
83 100  
85 65.4 52.6 78.8



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





#31

Cyclohexane

Concen: 46.601 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

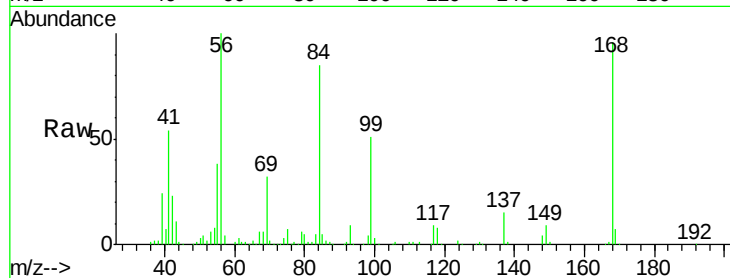
Tot Ion: 56 Resp: 623905

Ion Ratio Lower Upper

56 100

69 32.4 26.0 39.0

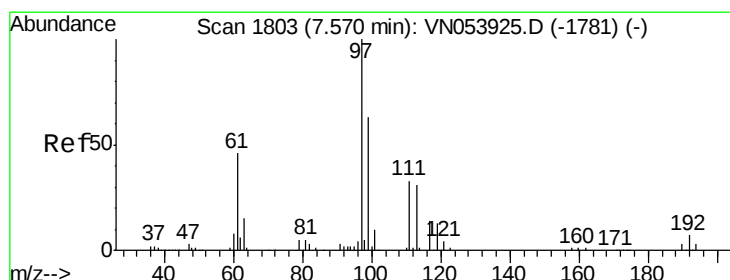
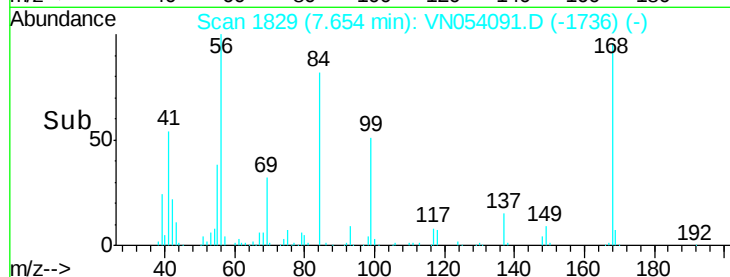
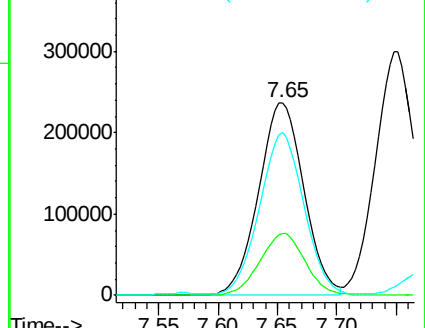
84 83.4 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VN053925.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN053925.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN053925.D (-1806) (-)



#32

1,1,1-Trichloroethane

Concen: 45.723 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

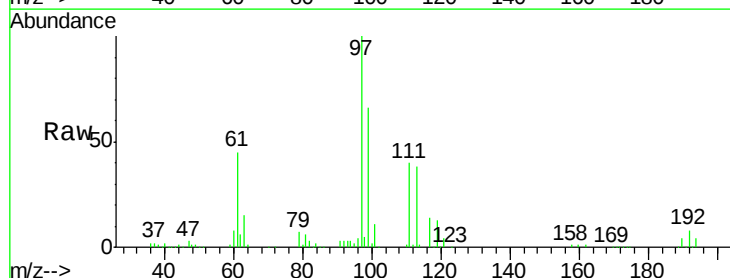
Tgt Ion: 97 Resp: 534486

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.8

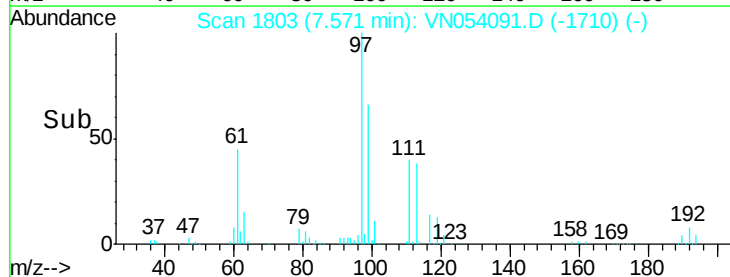
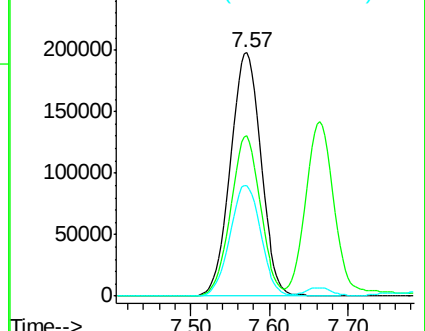
61 45.8 33.2 49.8

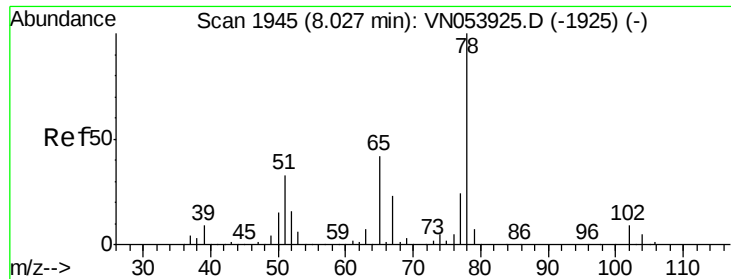


Abundance Ion 96.90 (96.60 to 97.60): VN053925.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN053925.D (-1781) (-)

Ion 60.90 (60.60 to 61.60): VN053925.D (-1781) (-)

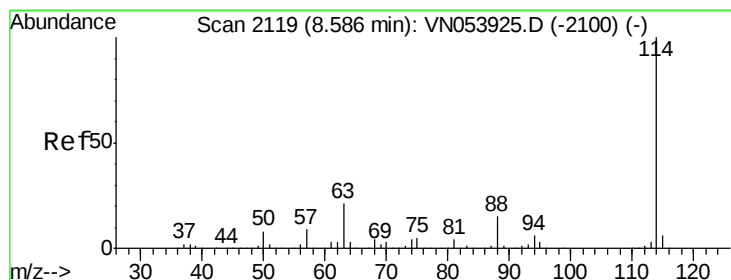
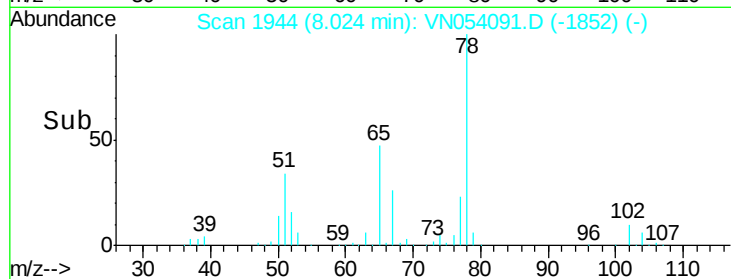
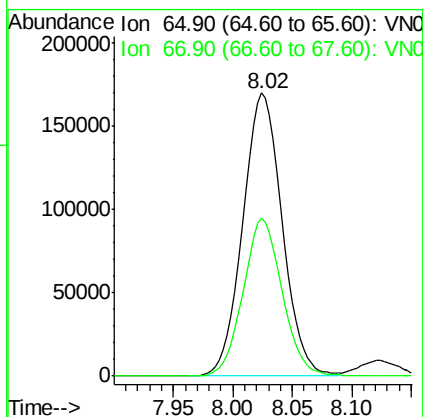
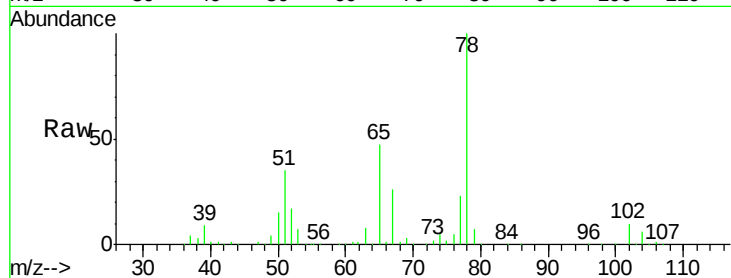




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.663 ug/l  
 RT: 8.02 min Scan# 1944  
 Delta R.T. -0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

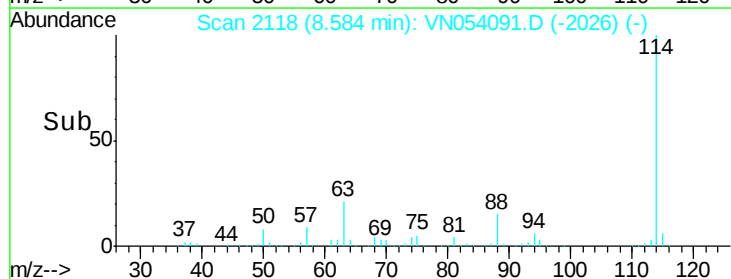
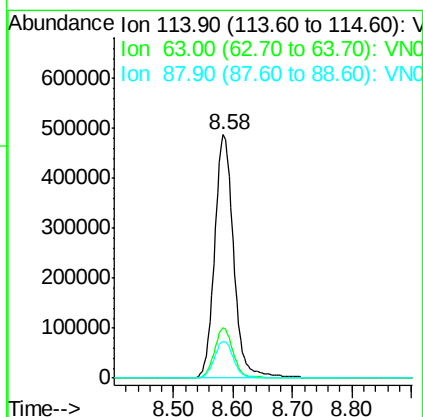
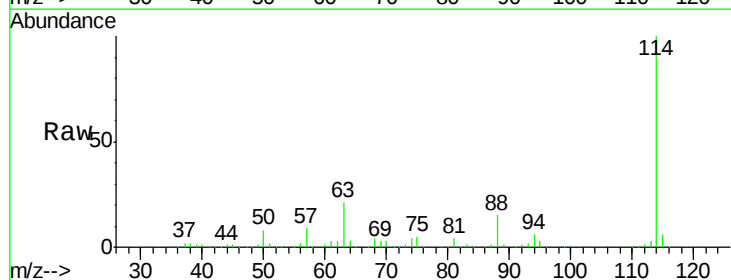
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

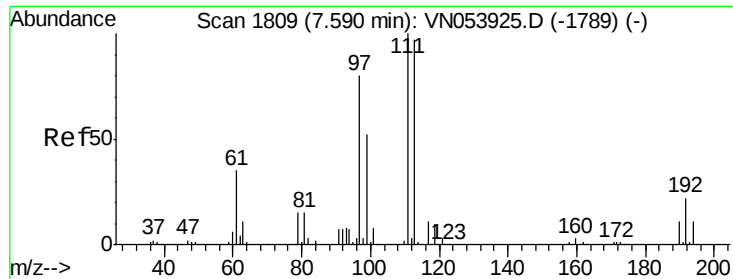
Tot Ion: 65 Resp: 390442  
 Ion Ratio Lower Upper  
 65 100  
 67 55.1 0.0 111.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

Tgt Ion: 114 Resp: 1080387  
 Ion Ratio Lower Upper  
 114 100  
 63 20.6 0.0 37.4  
 88 15.1 0.0 30.4

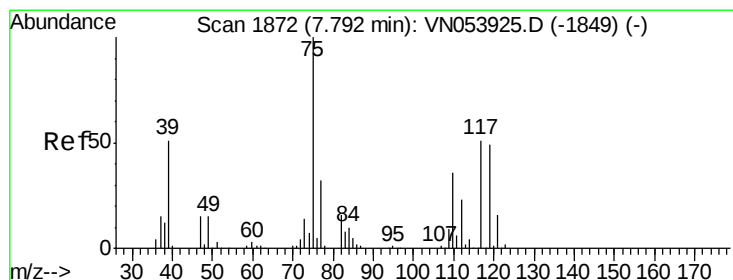
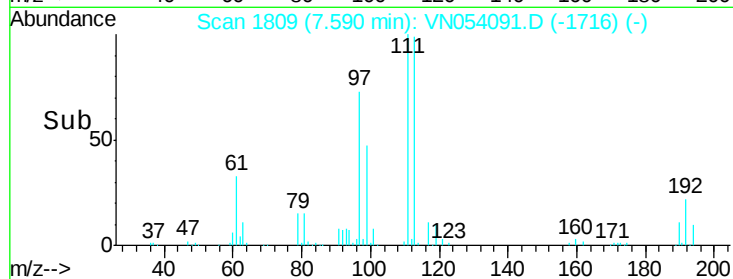
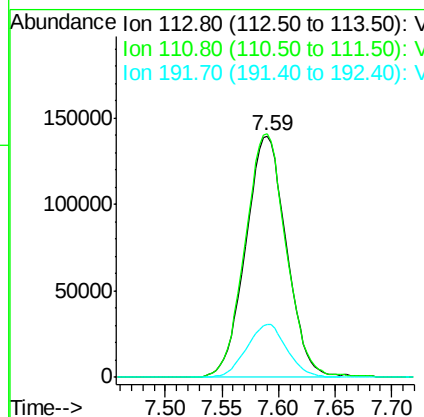
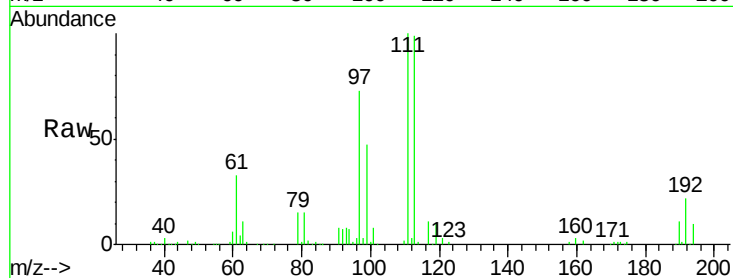




#35  
Dibromofluoromethane  
Concen: 50.045 ug/l  
RT: 7.59 min Scan# 1809  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

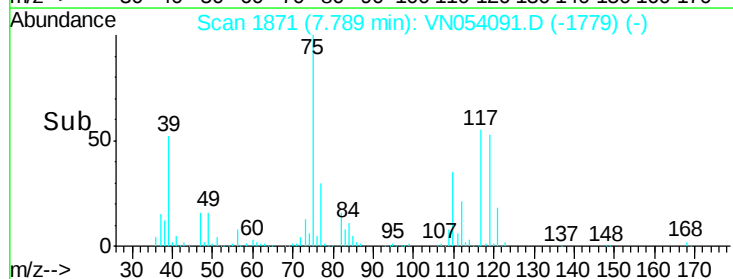
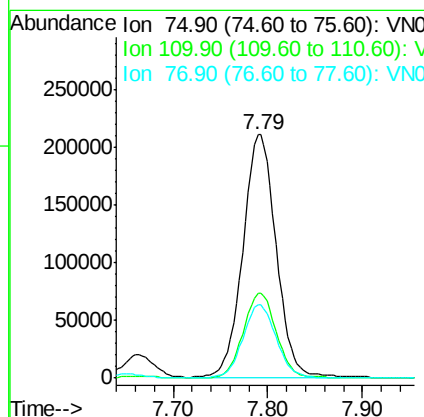
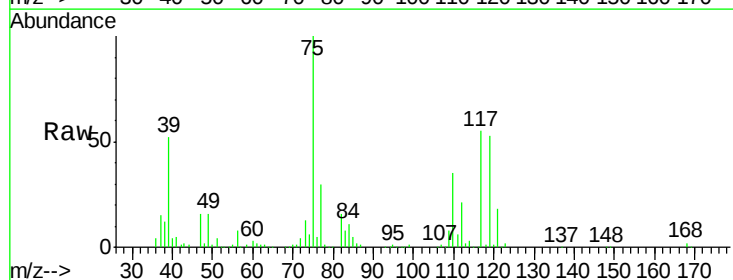
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

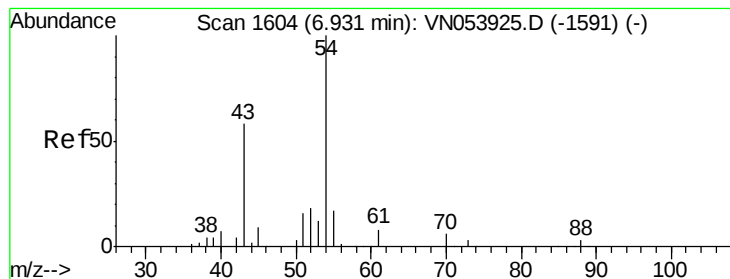
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 81.1  | 121.7 |
| 192     | 21.8  | 18.8  | 28.2  |



#36  
1,1-Dichloropropene  
Concen: 50.795 ug/l  
RT: 7.79 min Scan# 1871  
Delta R.T. -0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.3  | 19.0  | 57.0  |
| 77      | 30.6  | 25.4  | 38.0  |





#37

Ethyl Acetate

Concen: 47.396 ug/l

RT: 6.93 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

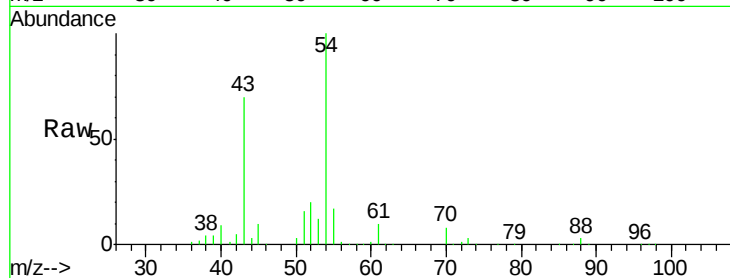
Tot Ion: 43 Resp: 340020

Ion Ratio Lower Upper

43 100

61 13.7 12.0 18.0

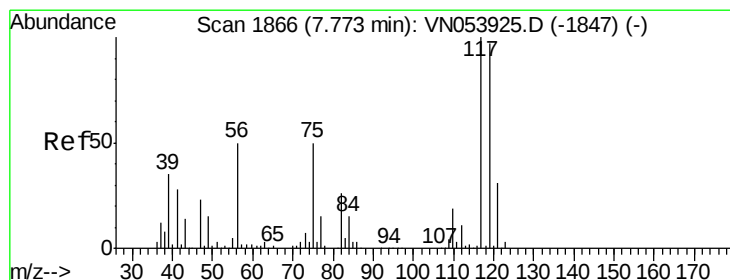
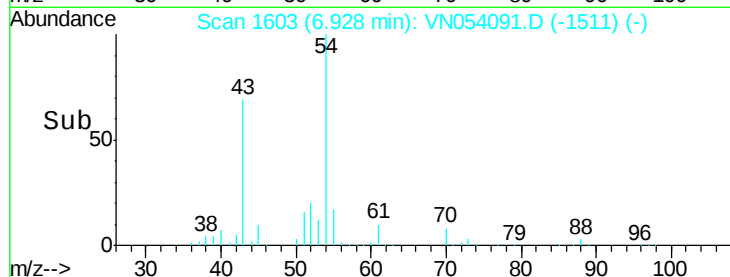
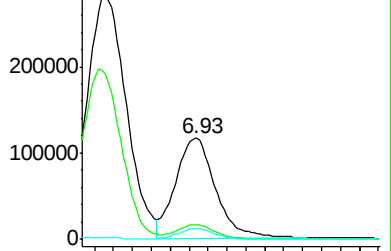
70 10.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-1591) (-)

Ion 60.90 (60.60 to 61.60): VN053925.D (-1591) (-)

Ion 70.00 (69.70 to 70.70): VN053925.D (-1591) (-)



#38

Carbon Tetrachloride

Concen: 45.663 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

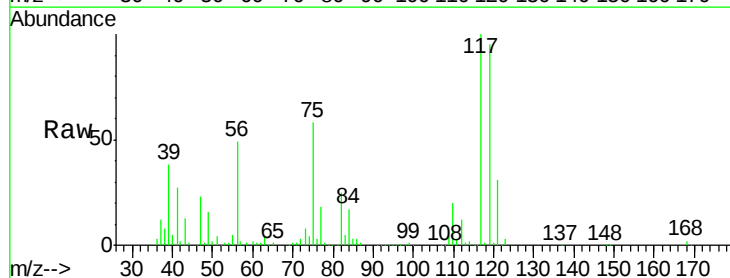
Tgt Ion: 117 Resp: 477154

Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.2

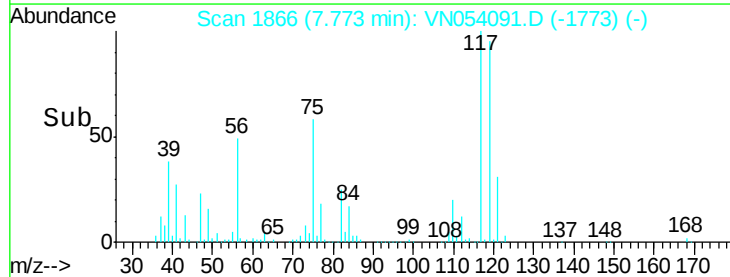
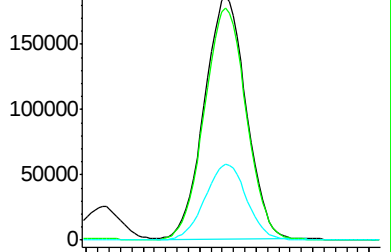
121 31.1 24.6 36.8

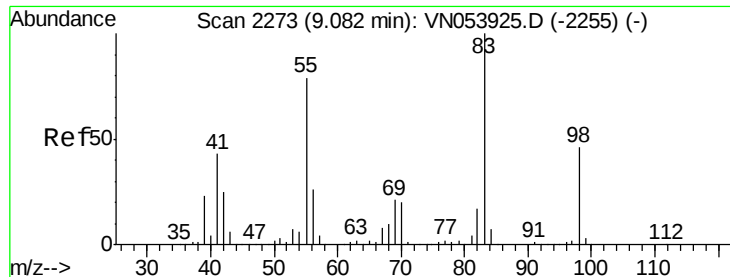


Abundance Ion 116.80 (116.50 to 117.50): VN053925.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN053925.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN053925.D (-1847) (-)

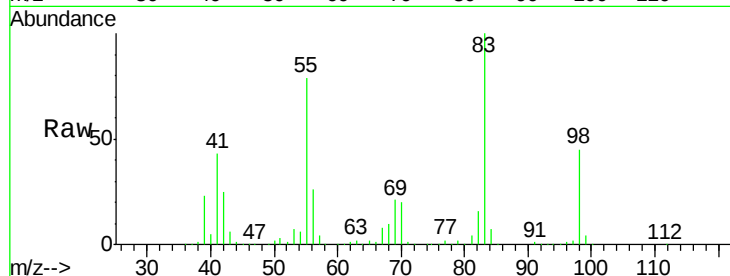




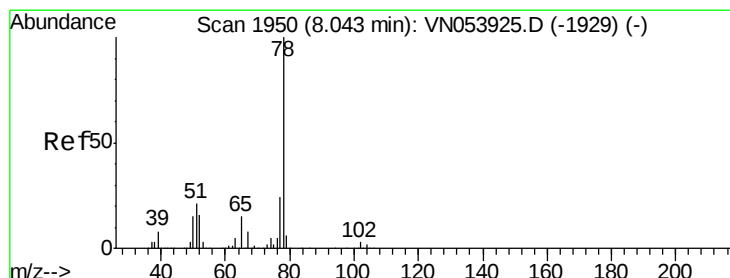
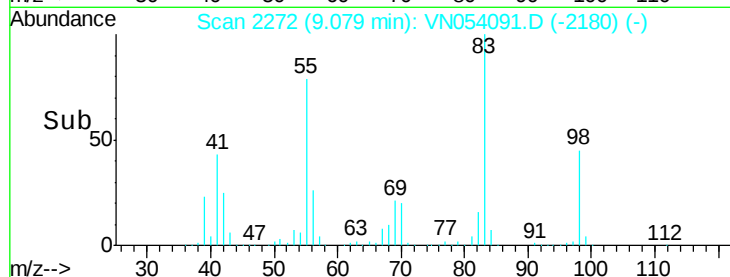
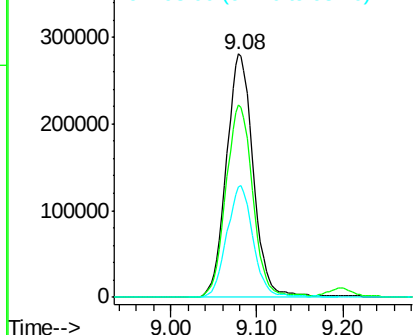
#39  
Methvlcvclohexane  
Concen: 50.368 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 83 Resp: 609954  
Ion Ratio Lower Upper  
83 100  
55 79.0 58.2 87.4  
98 45.4 37.2 55.8

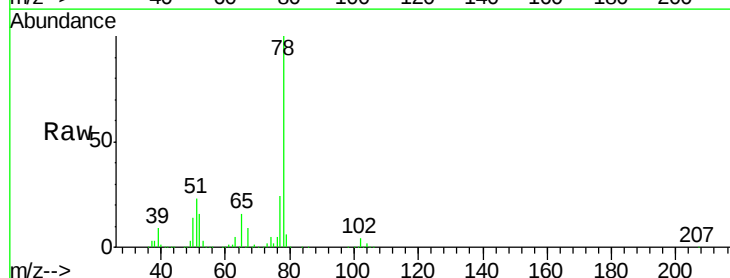


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

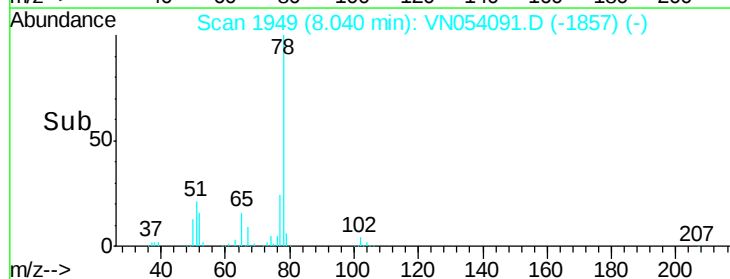
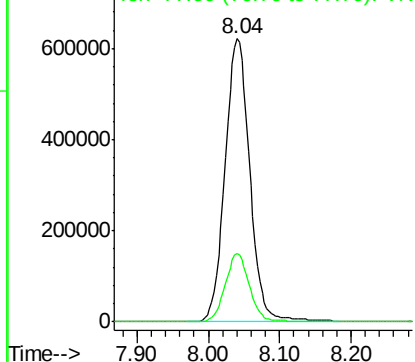


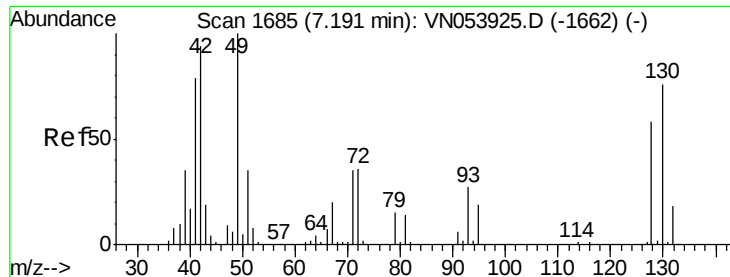
#40  
Benzene  
Concen: 48.727 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. -0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Tgt Ion: 78 Resp: 1503981  
Ion Ratio Lower Upper  
78 100  
77 24.3 18.8 28.2



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

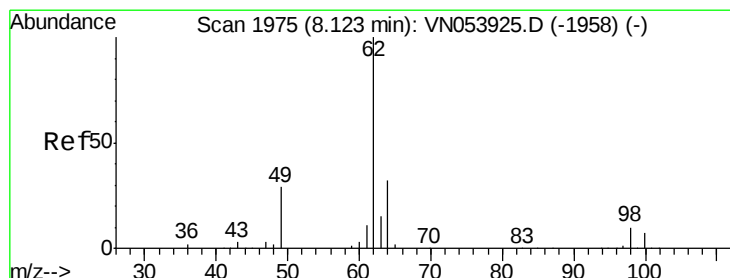
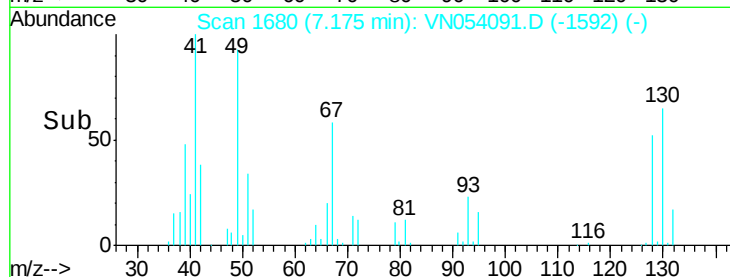
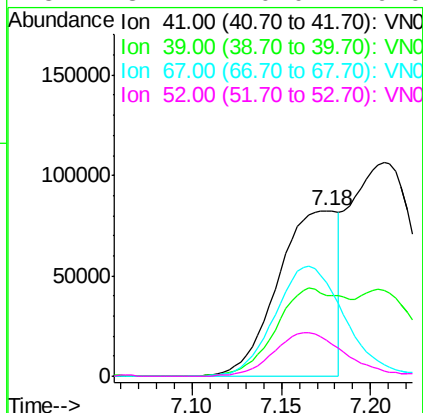
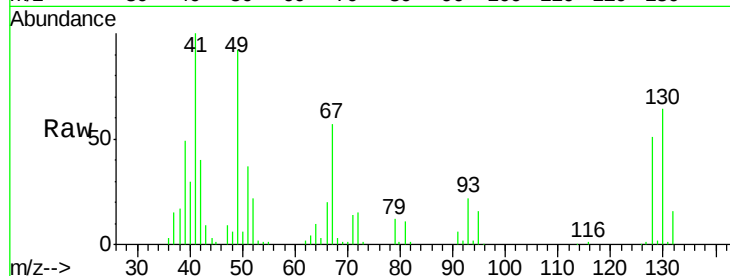




#41  
Methacrylonitrile  
Concen: 41.379 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. -0.02 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

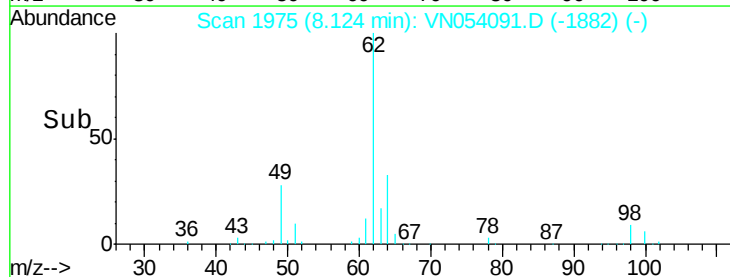
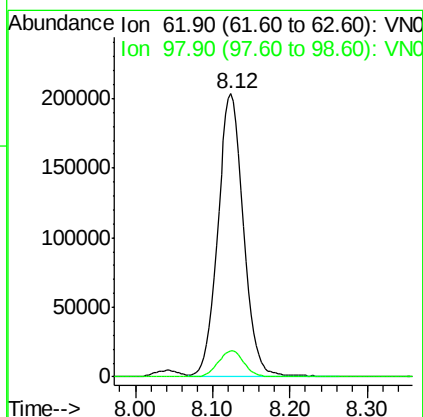
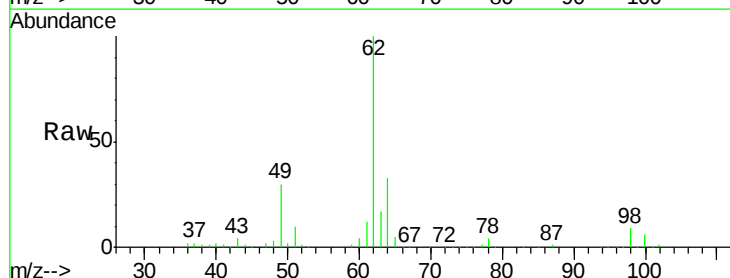
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

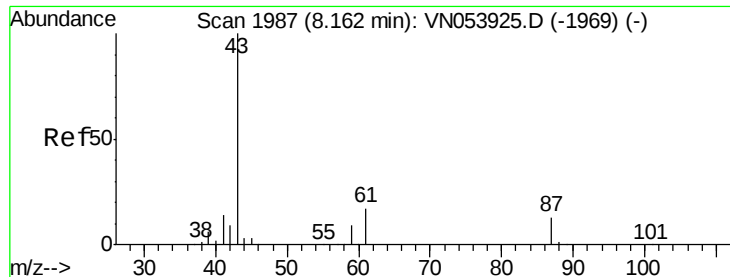
Tot Ion: 41 Resp: 191150  
Ion Ratio Lower Upper  
41 100  
39 59.9 0.0 0.0#  
67 79.9 0.0 0.0#  
52 32.2 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 49.002 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Tgt Ion: 62 Resp: 468251  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 20.8





#43

Isopropyl Acetate

Concen: 47.522 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

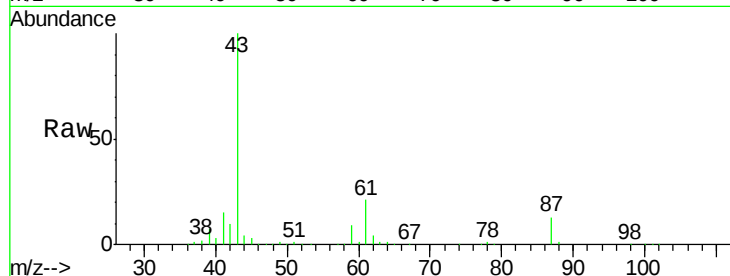
Tot Ion: 43 Resp: 575626

Ion Ratio Lower Upper

43 100

61 28.1 17.4 26.0#

87 12.8 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053925.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053925.D (-1969) (-)

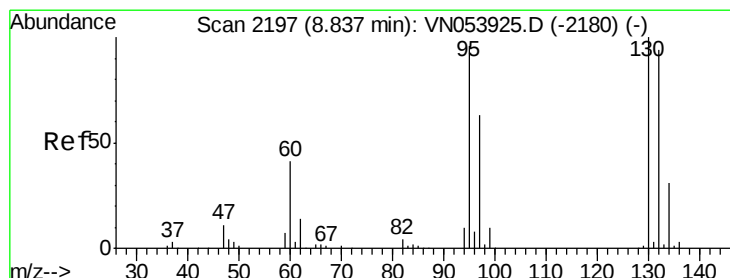
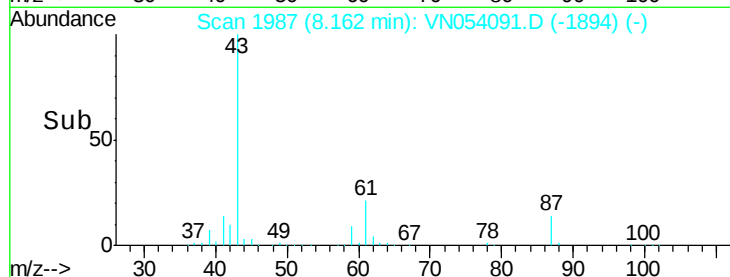
8.16

200000

100000

0

Time-->



#44

Trichloroethene

Concen: 49.264 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054091.D

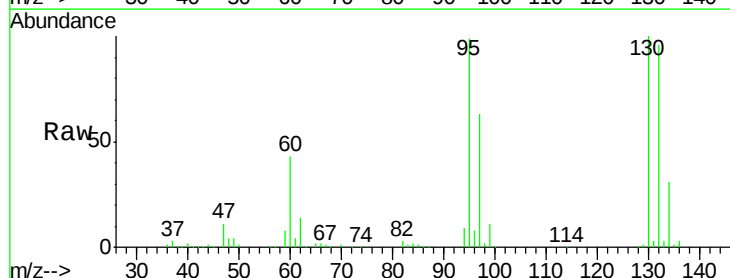
Acq: 5 Mar 2019 11:08

Tgt Ion:130 Resp: 403120

Ion Ratio Lower Upper

130 100

95 98.8 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): VN053925.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN053925.D (-2180) (-)

8.83

200000

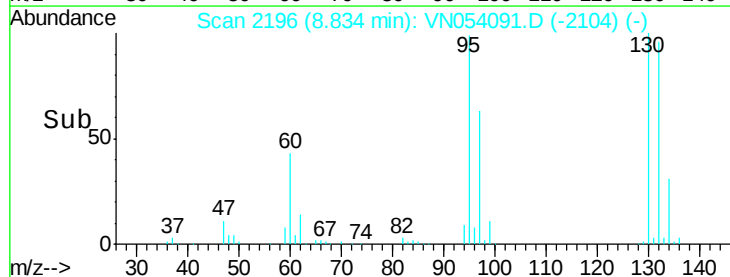
150000

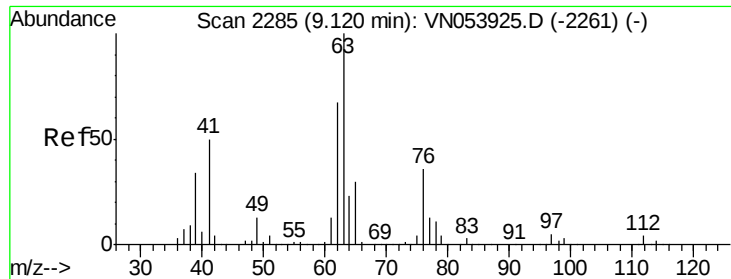
100000

50000

0

Time-->





#45

1,2-Dichloropropane

Concen: 49.060 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

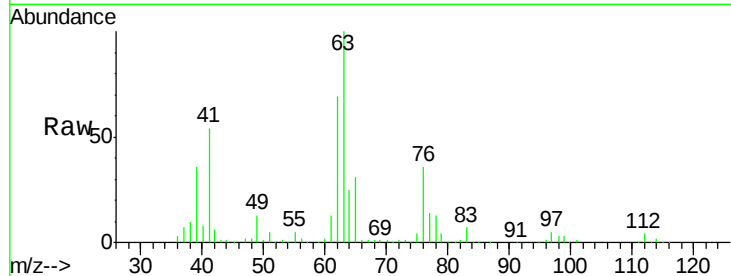
VSTDCCC050

Tot Ion: 63 Resp: 408537

Ion Ratio Lower Upper

63 100

65 30.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN053925.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN053925.D (-2261) (-)

9.12

200000

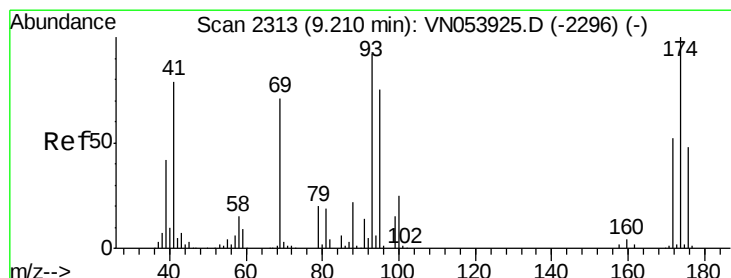
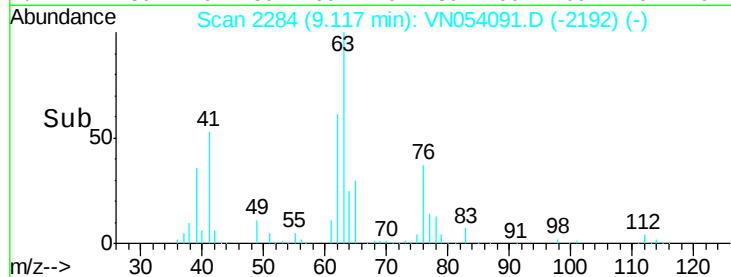
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.337 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

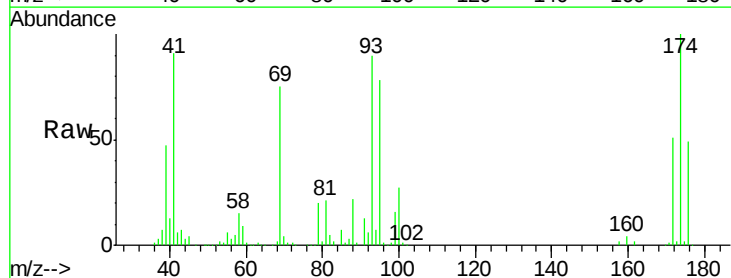
Tgt Ion: 93 Resp: 233682

Ion Ratio Lower Upper

93 100

95 85.0 66.6 100.0

174 108.8 96.2 144.4



Abundance Ion 92.80 (92.50 to 93.50): VN053925.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN053925.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN053925.D (-2296) (-)

9.21

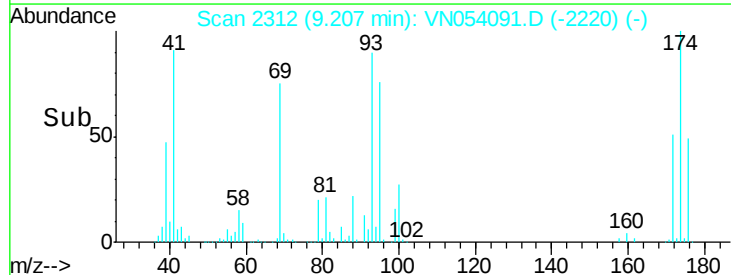
150000

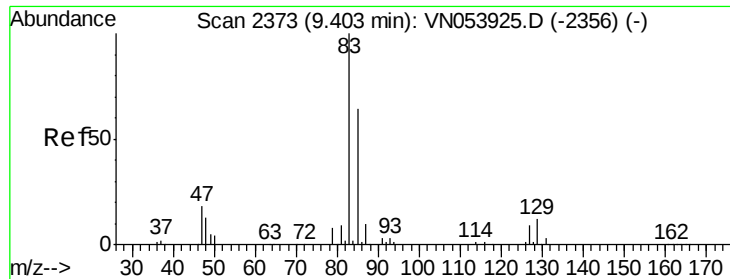
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 49.034 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

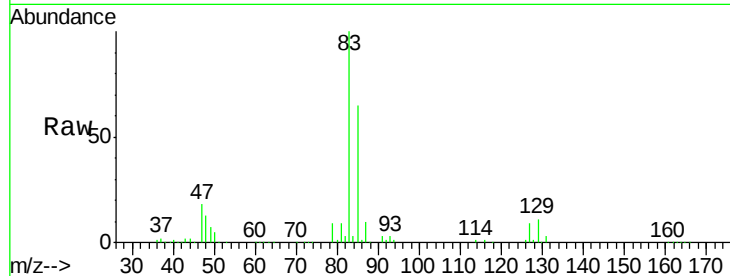
Tot Ion: 83 Resp: 499573

Ion Ratio Lower Upper

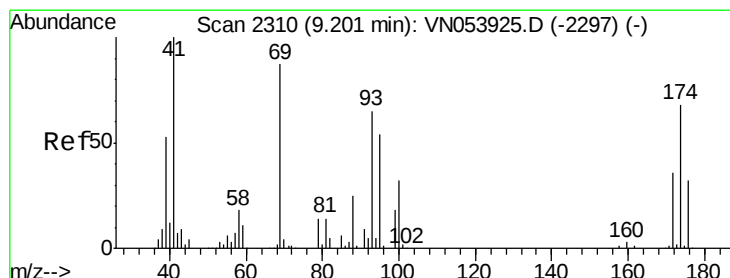
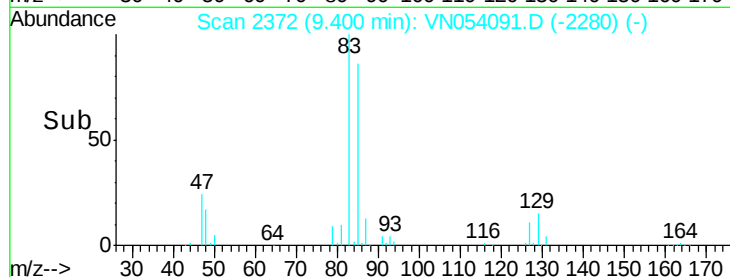
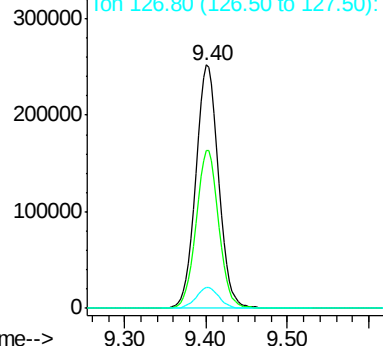
83 100

85 64.6 51.8 77.6

127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN054091.D (-2280) (-)



#48

Methyl methacrylate

Concen: 51.406 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

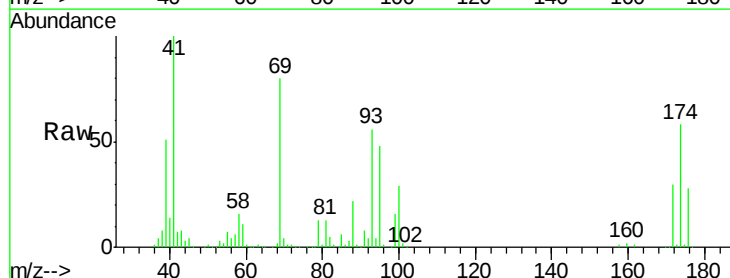
Tgt Ion: 41 Resp: 286414

Ion Ratio Lower Upper

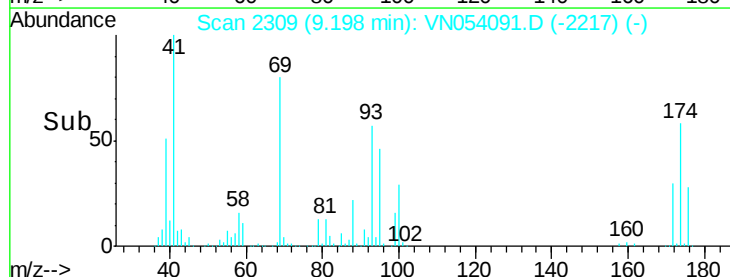
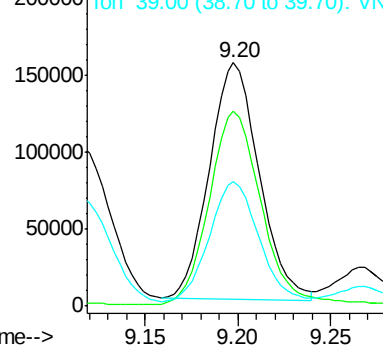
41 100

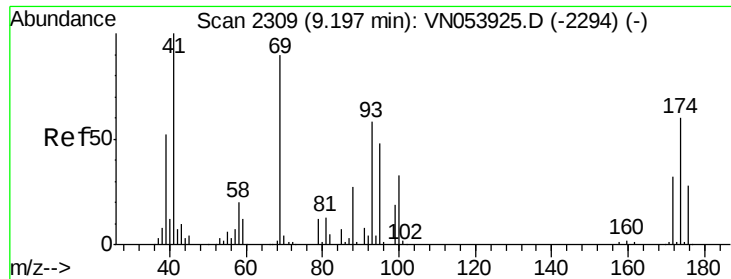
69 87.4 74.8 112.2

39 54.0 39.0 58.6



Abundance Ion 41.00 (40.70 to 41.70): VN054091.D (-2217) (-)

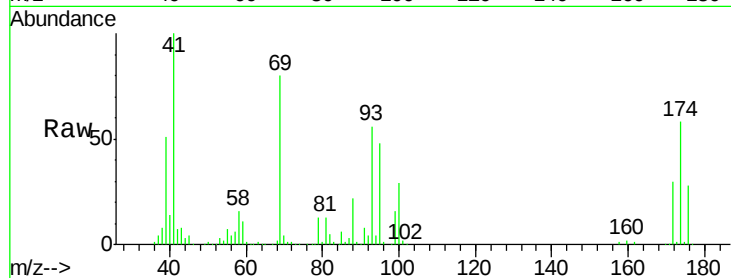




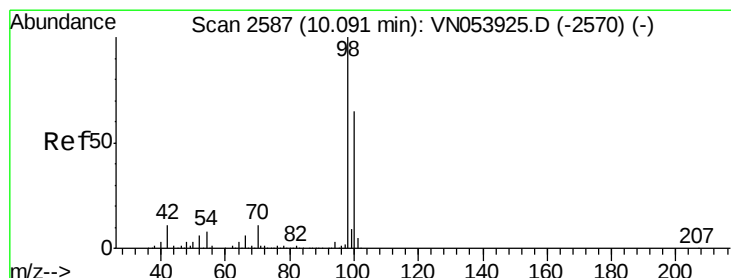
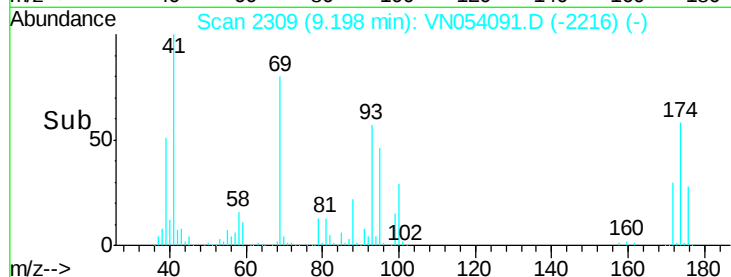
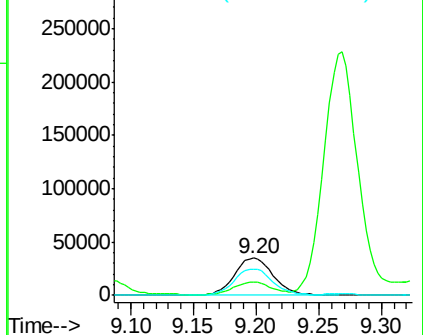
#49  
 1,4-Dioxane  
 Concen: 1003.776 ug/l  
 RT: 9.20 min Scan# 2309  
 Delta R.T. 0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 88 Resp: 75748  
 Ion Ratio Lower Upper  
 88 100  
 43 31.4 21.2 31.8  
 58 69.8 54.2 81.2

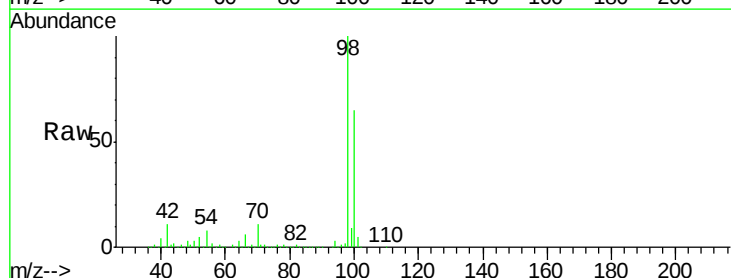


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

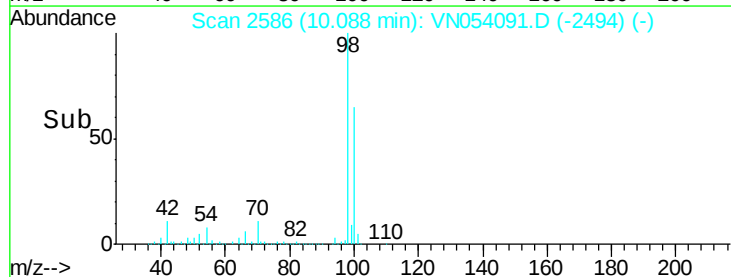
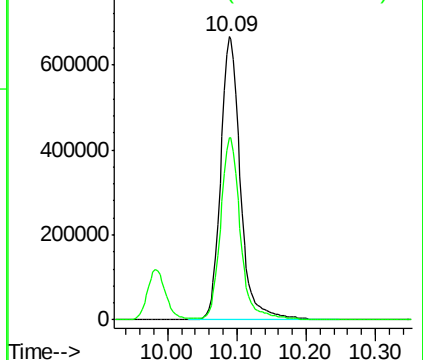


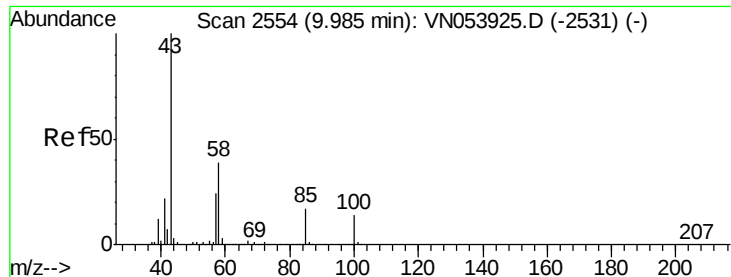
#50  
 Toluene-d8  
 Concen: 50.655 ug/l  
 RT: 10.09 min Scan# 2586  
 Delta R.T. -0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

Tgt Ion: 98 Resp: 1317396  
 Ion Ratio Lower Upper  
 98 100  
 100 64.7 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 261.190 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

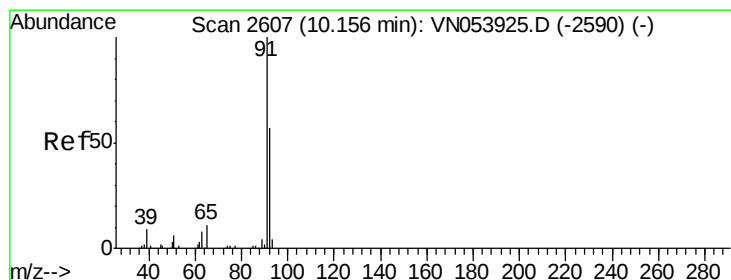
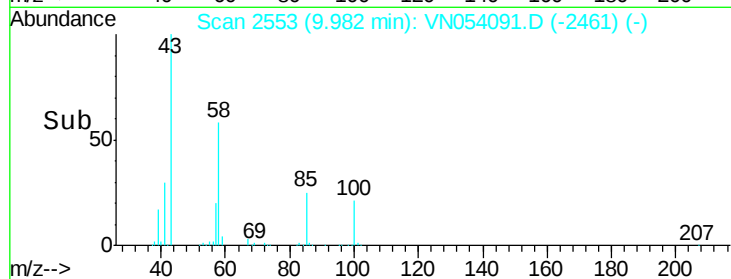
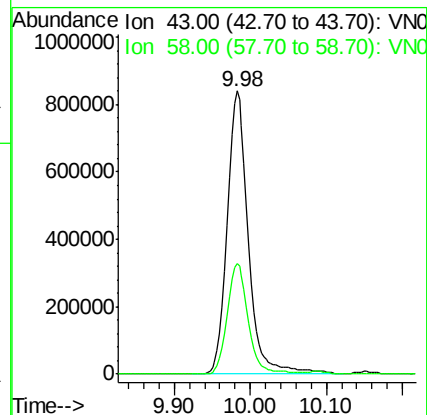
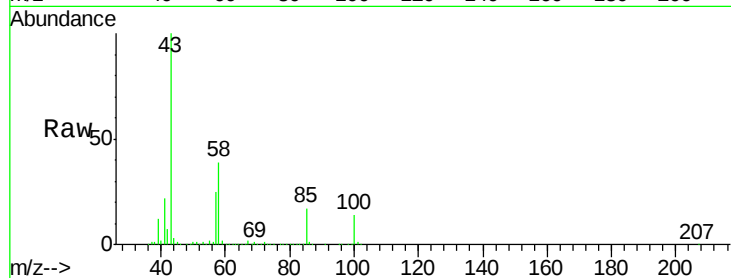
VSTDCCC050

Tot Ion: 43 Resp: 1625754

Ion Ratio Lower Upper

43 100

58 38.9 32.7 49.1



#52

Toluene

Concen: 50.136 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054091.D

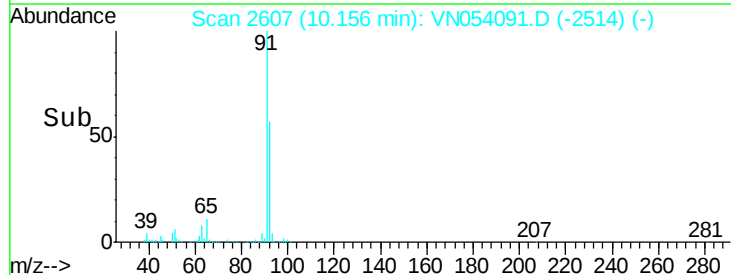
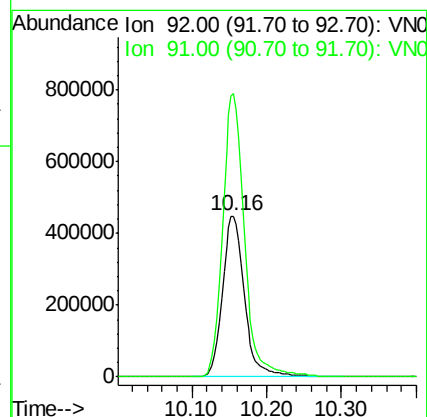
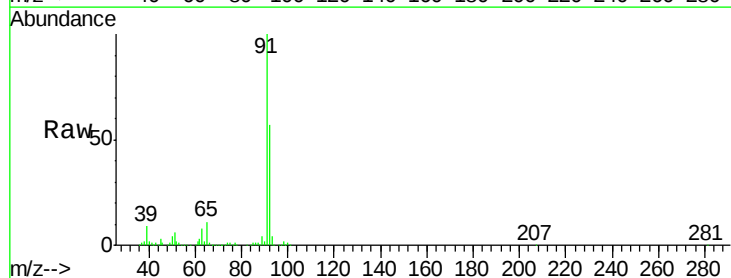
Acq: 5 Mar 2019 11:08

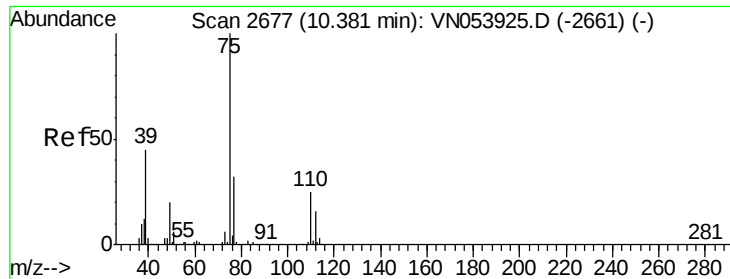
Tgt Ion: 92 Resp: 911210

Ion Ratio Lower Upper

92 100

91 174.6 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 51.391 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

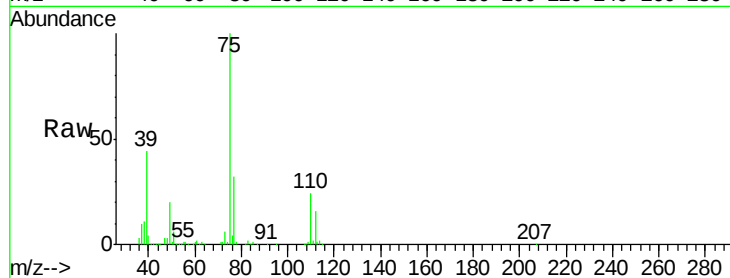
VSTDCCC050

Tot Ion: 75 Resp: 509450

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

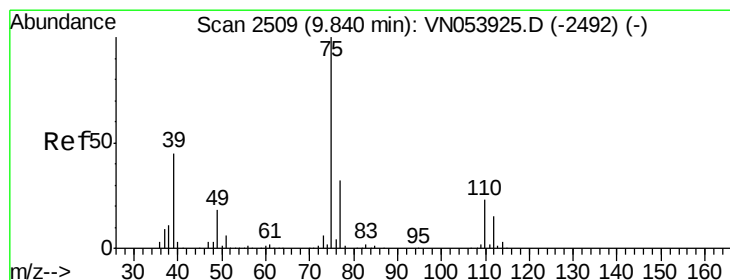
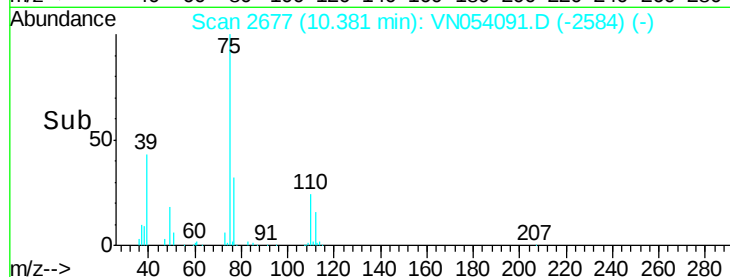
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.886 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

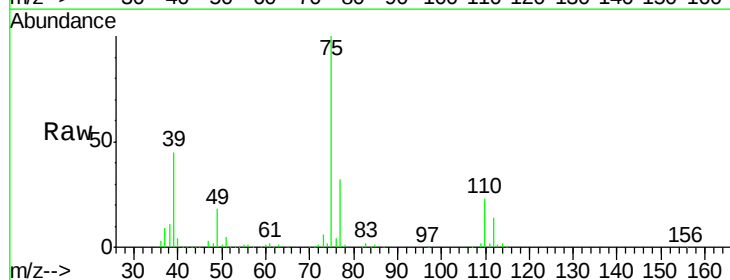
Tgt Ion: 75 Resp: 594680

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 44.8 31.4 47.0



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

400000

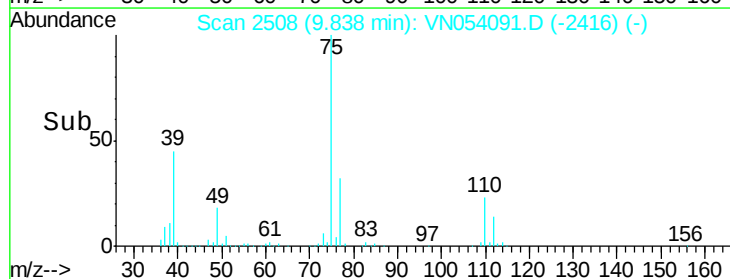
300000

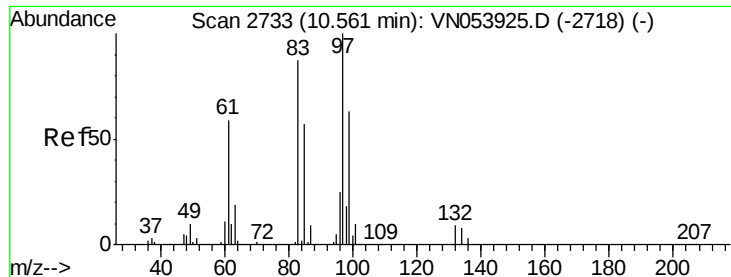
200000

100000

0

Time-->

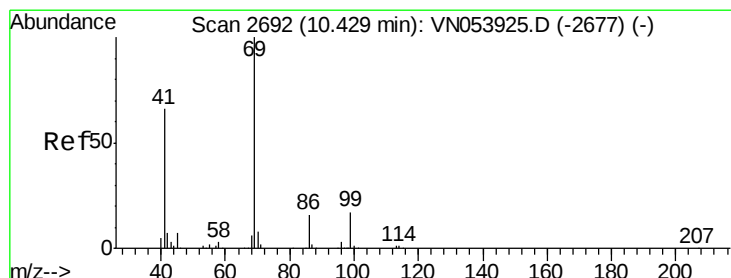
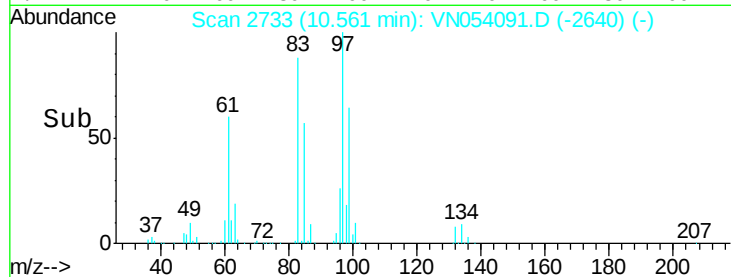
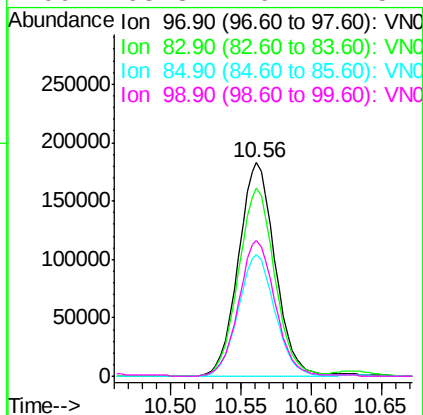
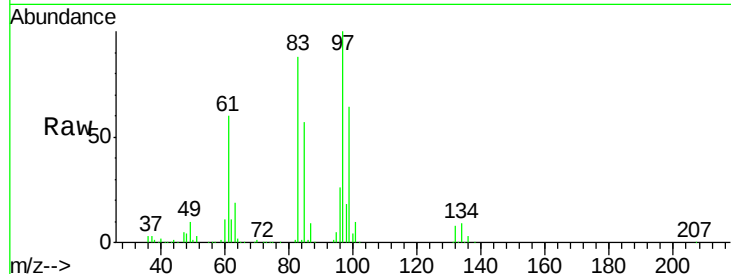




#55  
 1,1,2-Trichloroethane  
 Concen: 49.143 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

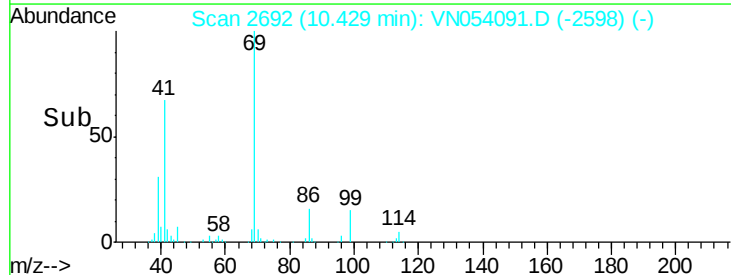
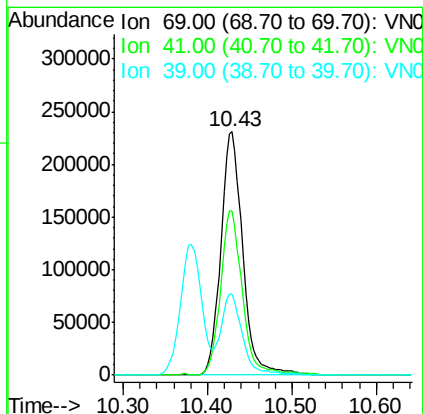
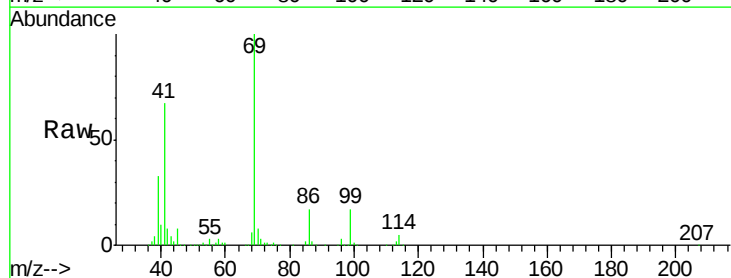
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

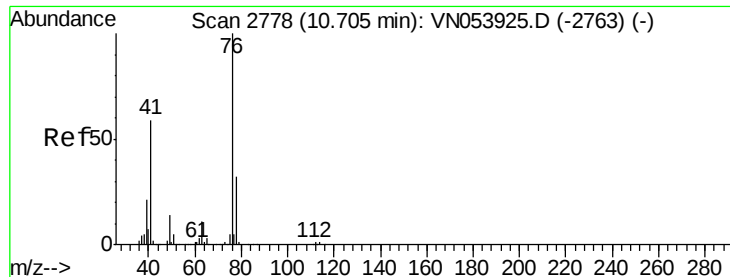
Tot Ion: 97 Resp: 333559  
 Ion Ratio Lower Upper  
 97 100  
 83 88.0 69.5 104.3  
 85 57.2 45.9 68.9  
 99 63.3 49.1 73.7



#56  
 Ethyl methacrylate  
 Concen: 46.988 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

Tgt Ion: 69 Resp: 417095  
 Ion Ratio Lower Upper  
 69 100  
 41 66.9 47.5 71.3  
 39 32.2 23.4 35.0





#57

1,3-Dichloropropane

Concen: 50.229 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

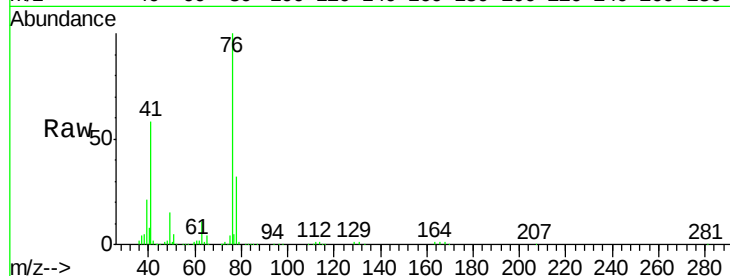
VSTDCCC050

Tot Ion: 76 Resp: 576043

Ion Ratio Lower Upper

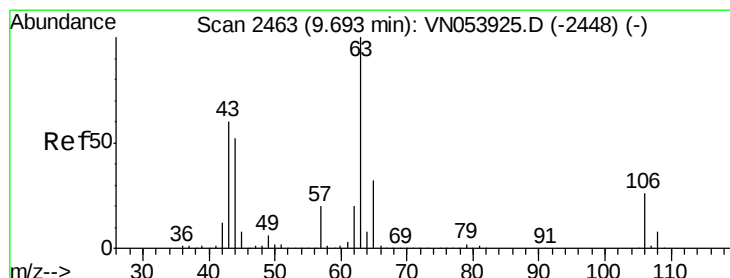
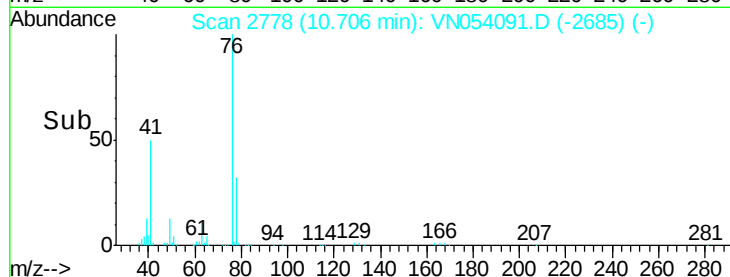
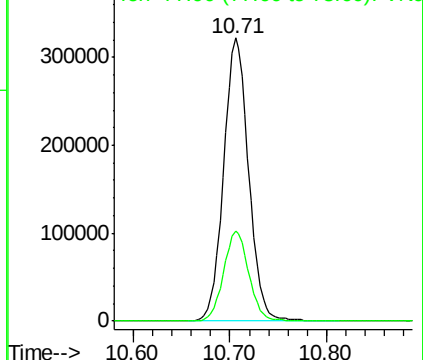
76 100

78 32.2 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 229.625 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN054091.D

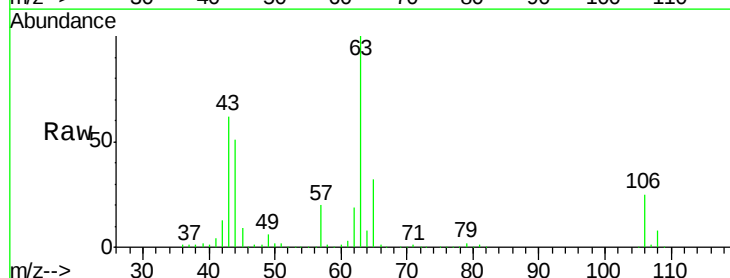
Acq: 5 Mar 2019 11:08

Tgt Ion: 63 Resp: 946589

Ion Ratio Lower Upper

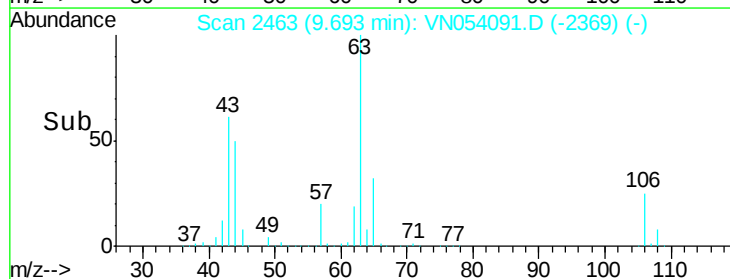
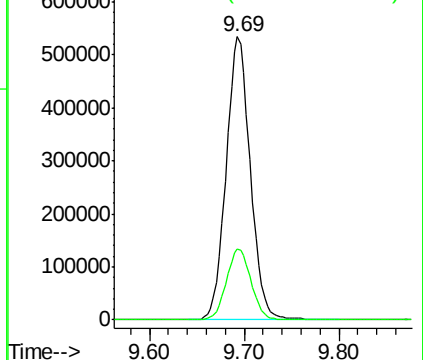
63 100

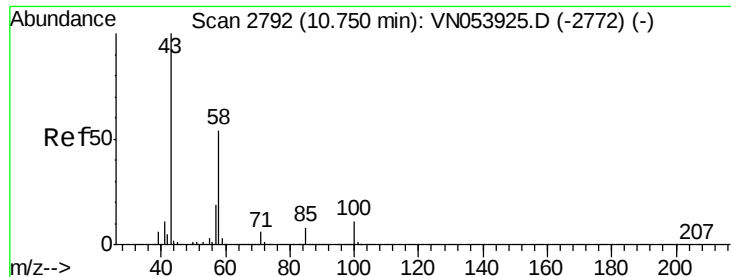
106 25.7 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

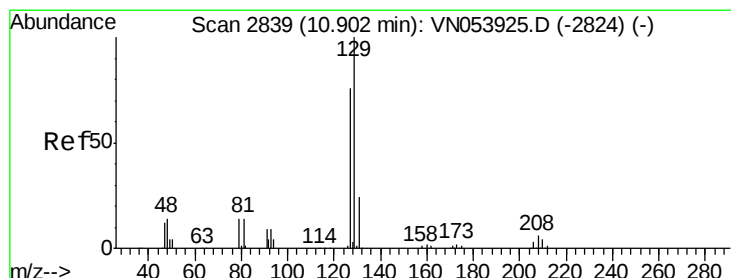
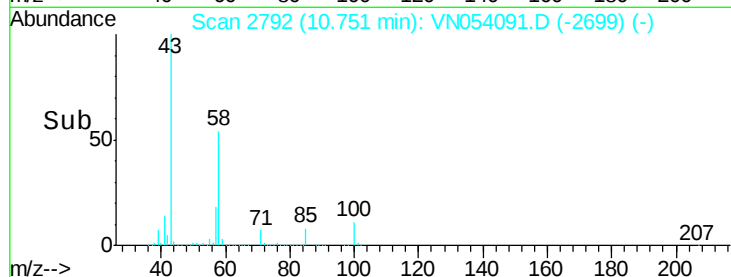
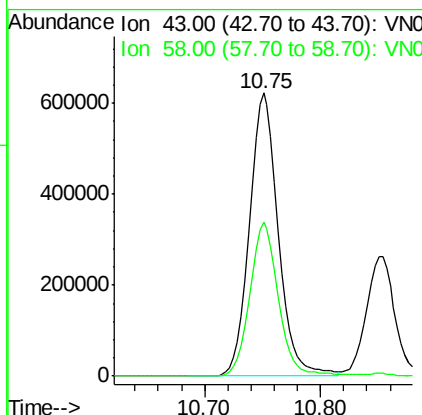
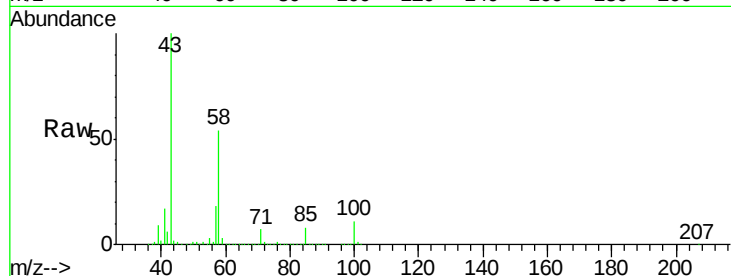




#59  
2-Hexanone  
Concen: 266.402 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

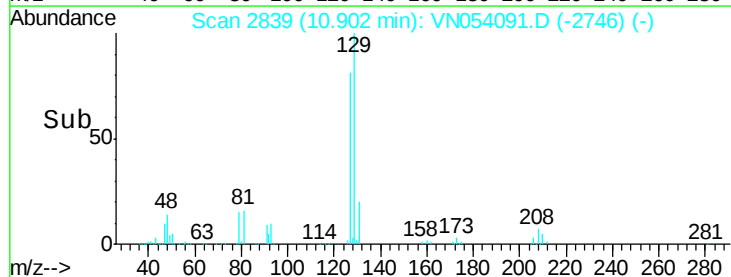
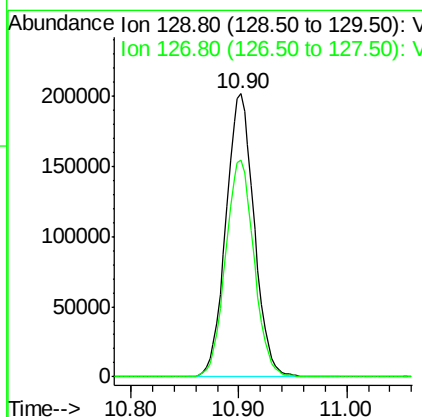
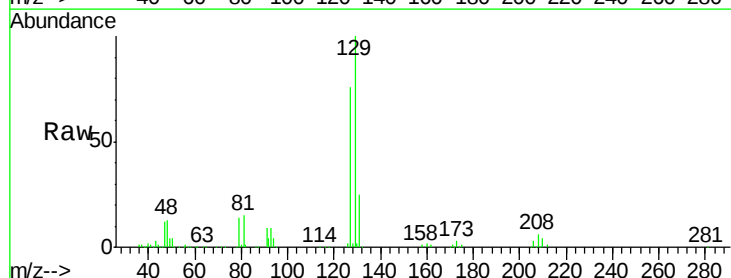
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

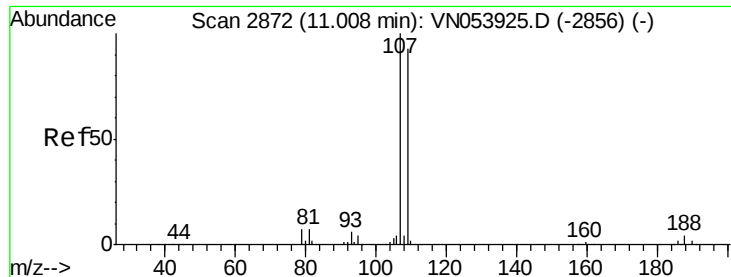
Tot Ion: 43 Resp: 1078461  
Ion Ratio Lower Upper  
43 100  
58 54.0 29.1 87.4



#60  
Dibromochloromethane  
Concen: 48.694 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Tgt Ion: 129 Resp: 367319  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.8 116.3

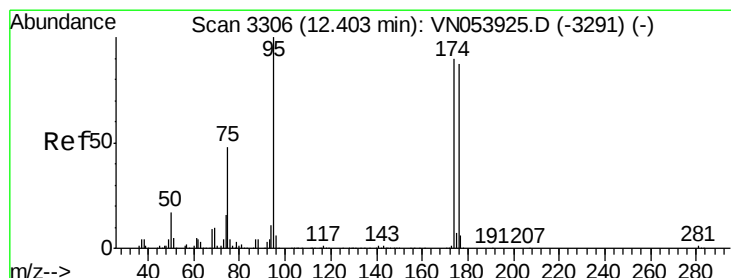
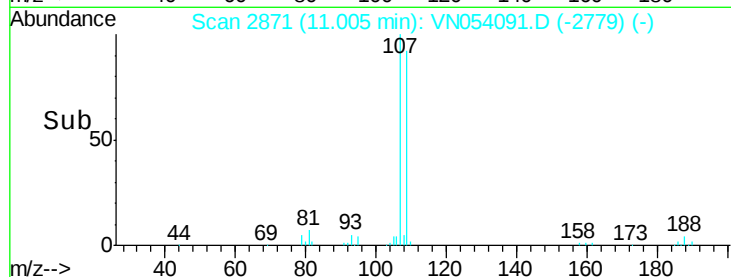
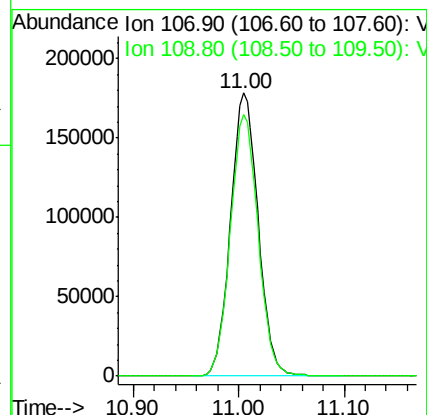
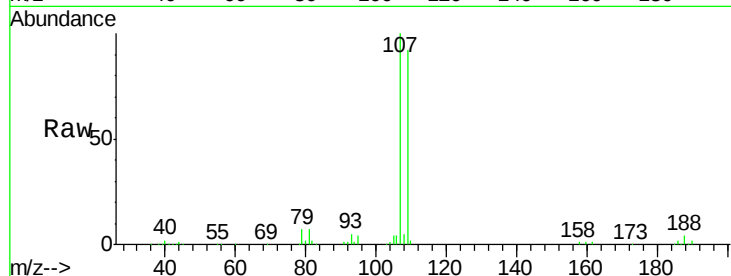




#61  
 1,2-Dibromoethane  
 Concen: 49.202 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. -0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

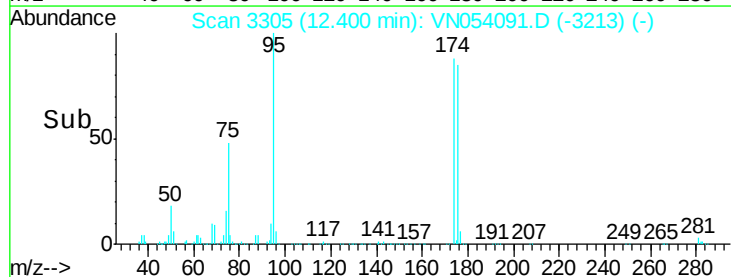
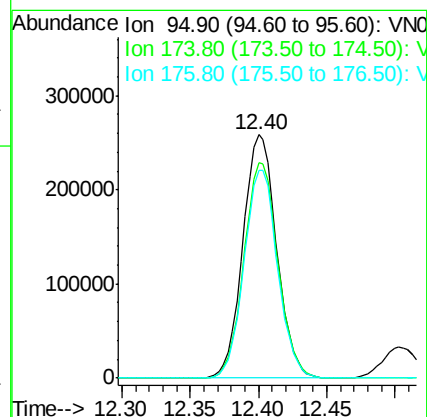
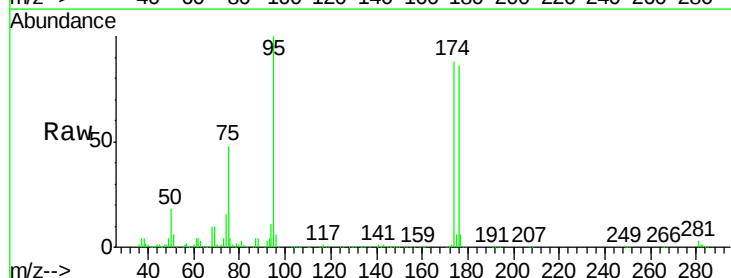
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

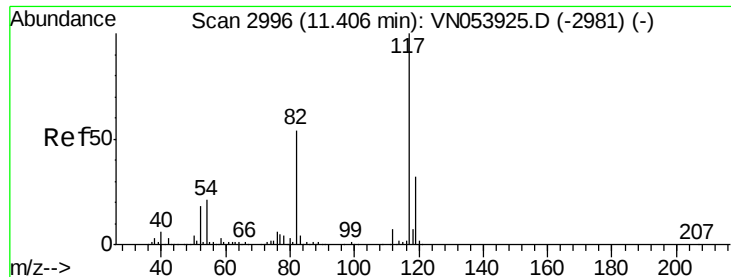
Tot Ion:107 Resp: 322156  
 Ion Ratio Lower Upper  
 107 100  
 109 93.4 76.3 114.5



#62  
 4-Bromofluorobenzene  
 Concen: 51.086 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

Tgt Ion: 95 Resp: 442653  
 Ion Ratio Lower Upper  
 95 100  
 174 89.1 0.0 188.8  
 176 85.2 0.0 182.6

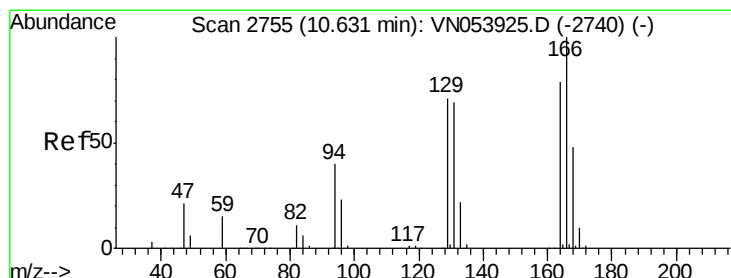
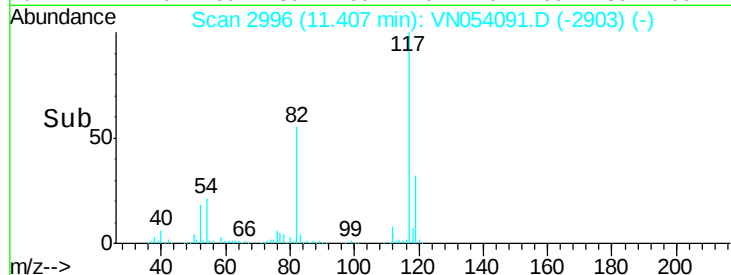
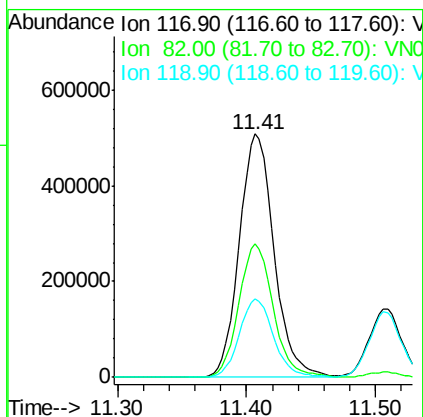
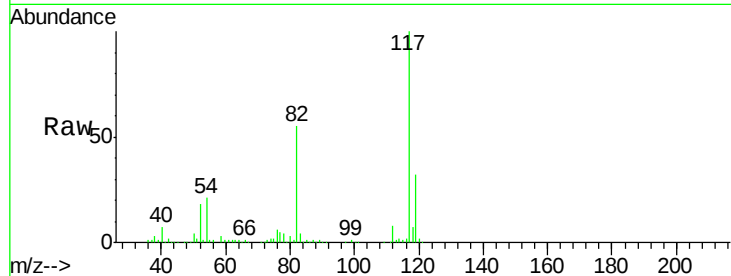




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

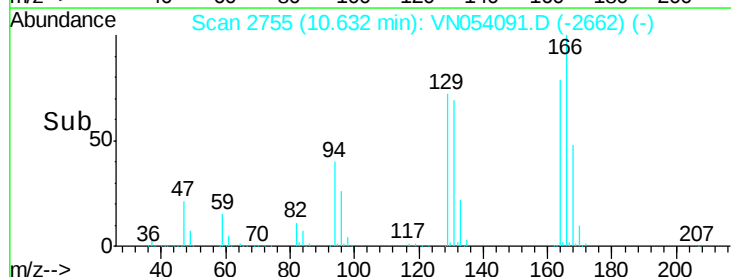
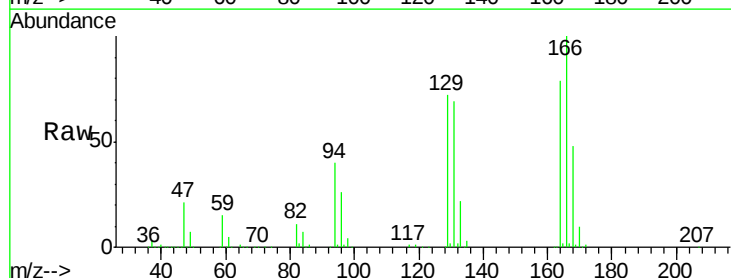
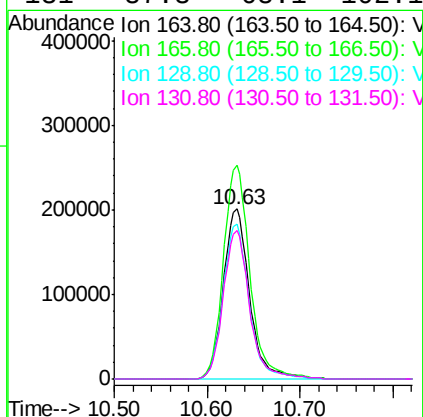
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:117 Resp: 954629  
Ion Ratio Lower Upper  
117 100  
82 54.7 41.4 62.2  
119 32.2 25.3 37.9



#64  
Tetrachloroethene  
Concen: 48.807 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Tgt Ion:164 Resp: 394540  
Ion Ratio Lower Upper  
164 100  
166 125.9 102.6 153.8  
129 91.1 69.4 104.0  
131 87.3 68.1 102.1

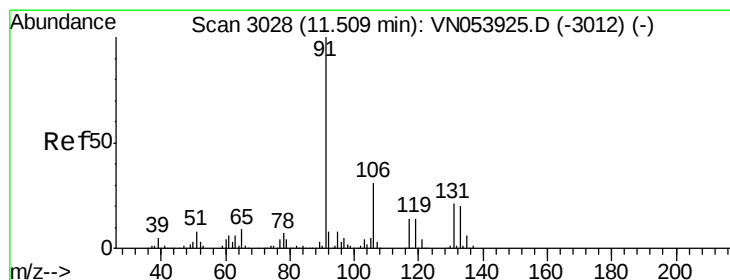
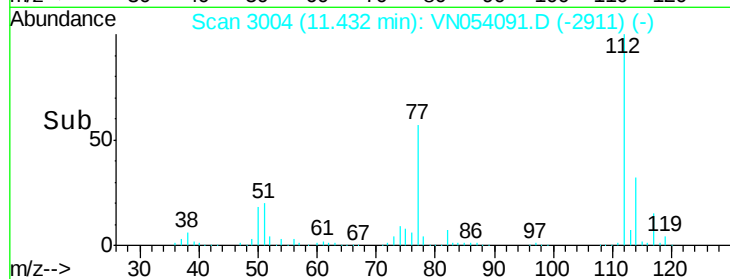
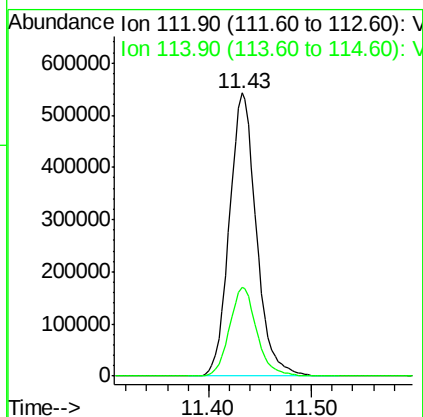
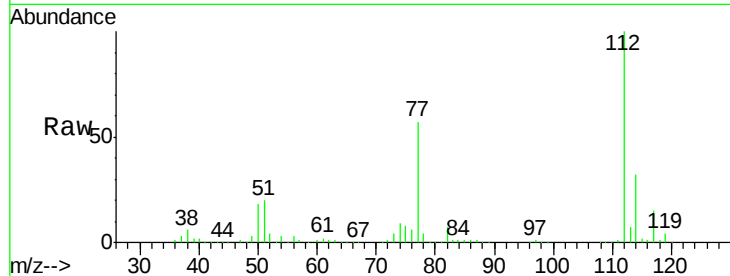




#65  
Chlorobenzene  
Concen: 49.092 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

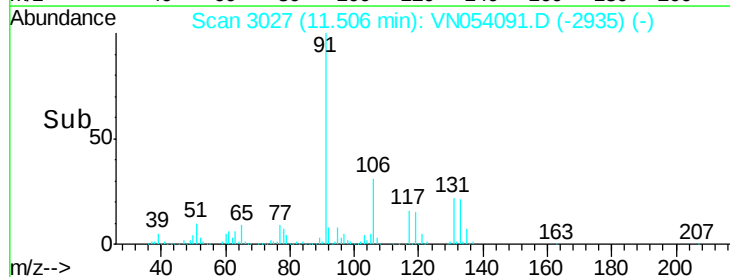
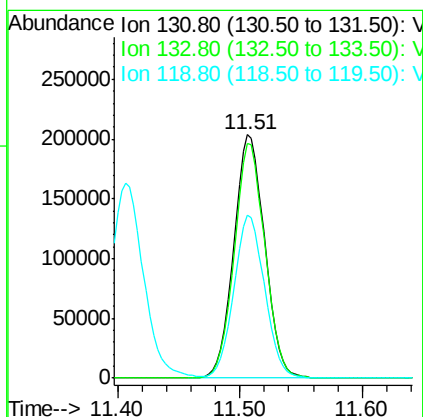
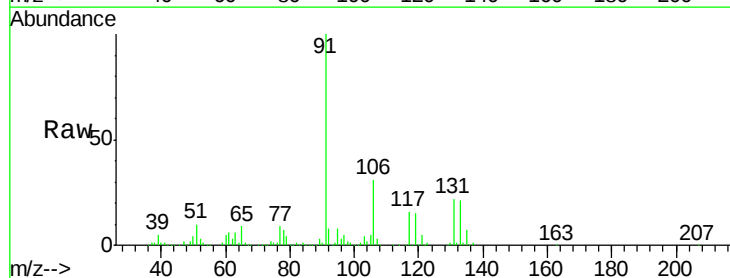
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

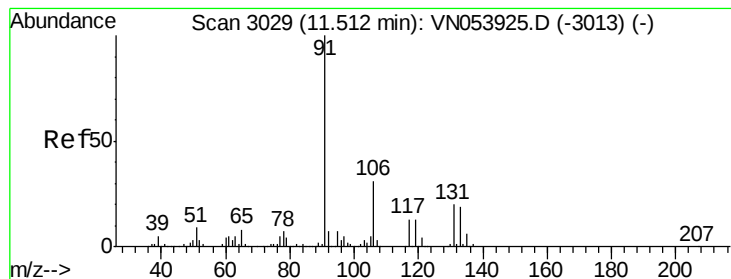
Tot Ion:112 Resp: 989055  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.138 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Tgt Ion:131 Resp: 356797  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.7 143.1  
119 67.0 33.1 99.3





#67

Ethyl Benzene

Concen: 50.498 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

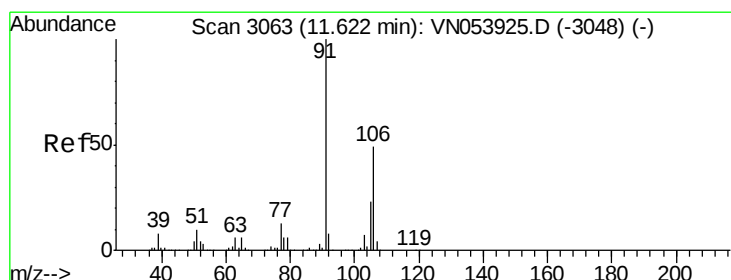
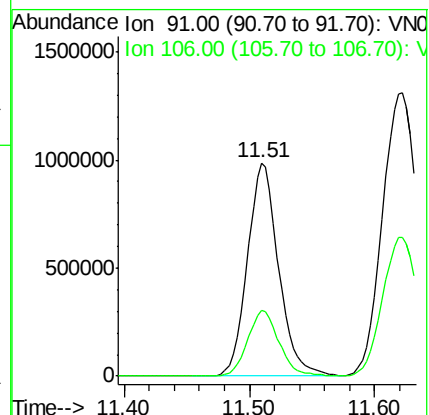
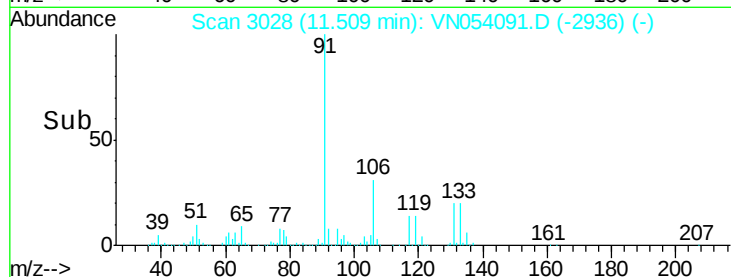
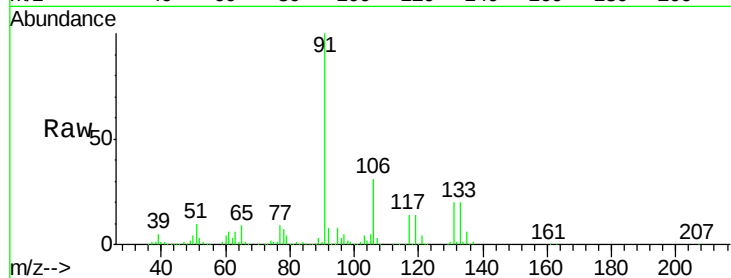
VSTDCCC050

Tot Ion: 91 Resp: 1705595

Ion Ratio Lower Upper

91 100

106 30.6 25.2 37.8



#68

m/p-Xylenes

Concen: 102.382 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN054091.D

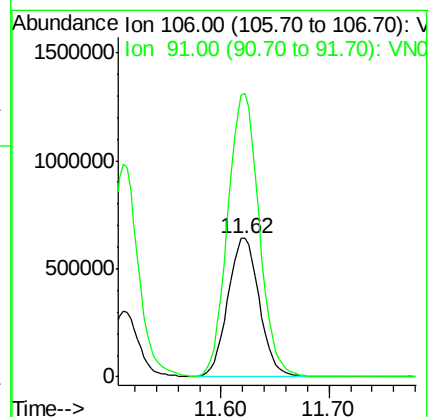
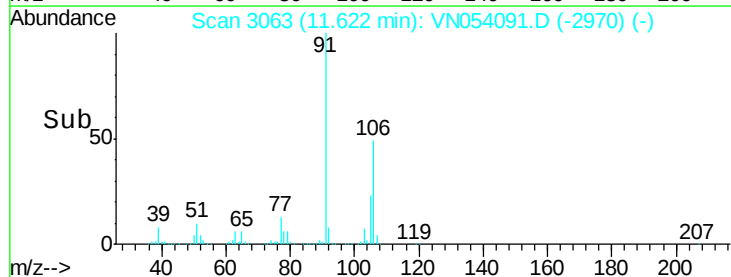
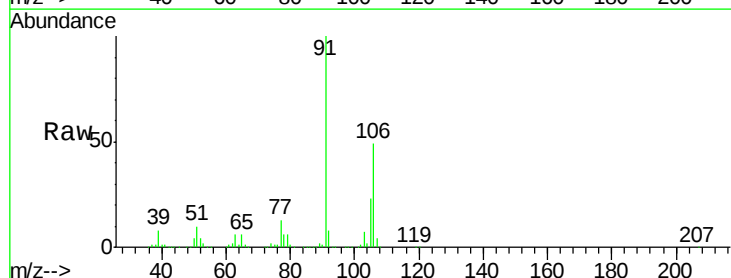
Acq: 5 Mar 2019 11:08

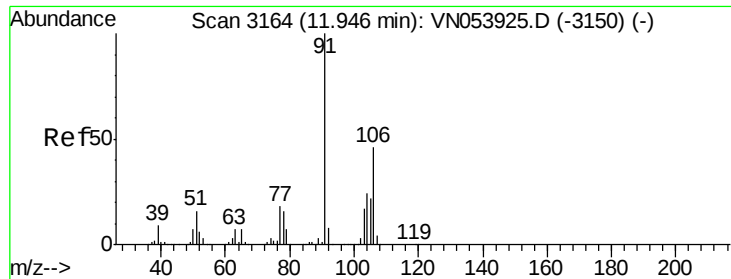
Tgt Ion: 106 Resp: 1305120

Ion Ratio Lower Upper

106 100

91 204.2 158.9 238.3

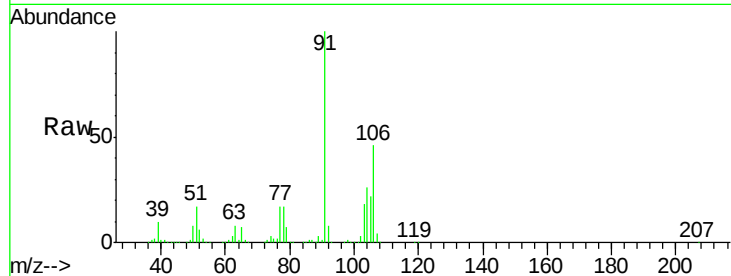




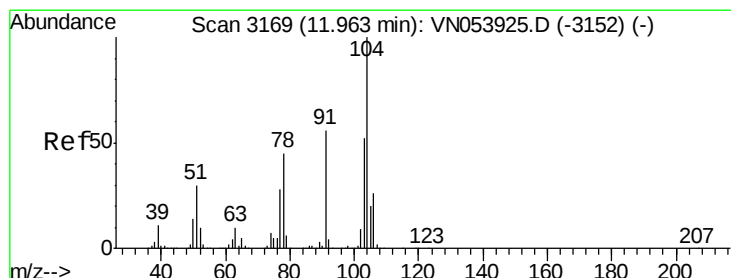
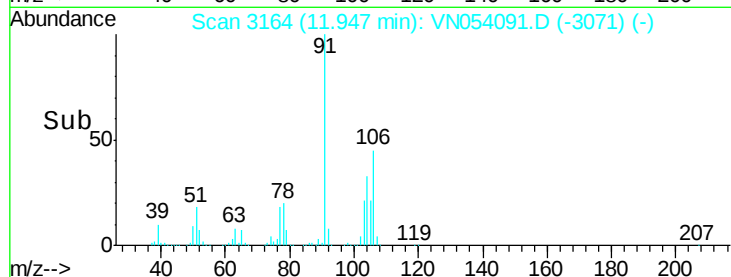
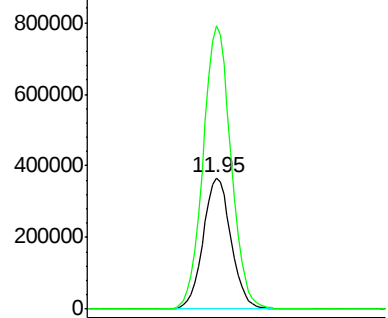
#69  
o-Xylene  
Concen: 50.207 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

Tot Ion:106 Resp: 628870  
Ion Ratio Lower Upper  
106 100  
91 216.0 106.0 318.0

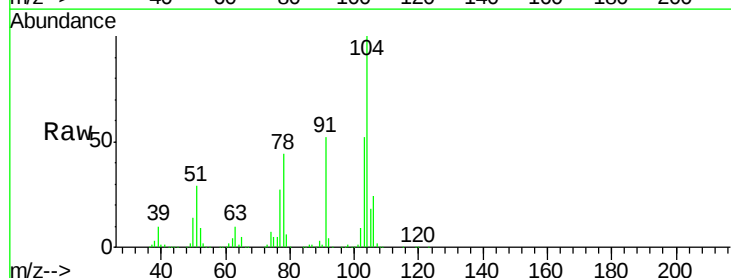


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

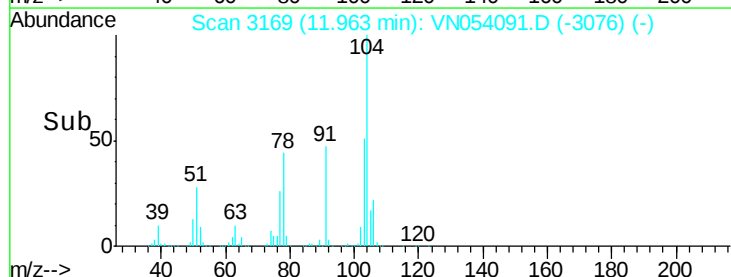
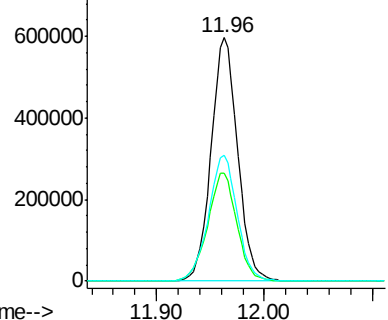


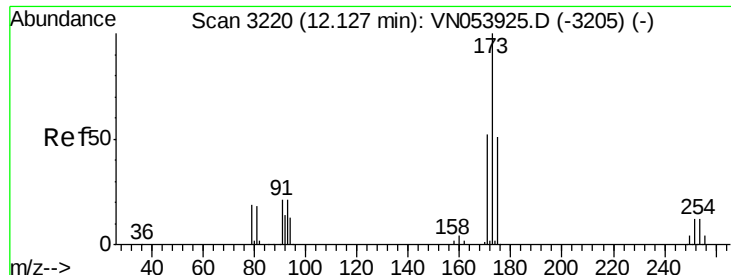
#70  
Styrene  
Concen: 53.069 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Tgt Ion:104 Resp: 1022401  
Ion Ratio Lower Upper  
104 100  
78 48.8 38.1 57.1  
103 55.8 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VN  
Ion 103.00 (102.70 to 103.70): V

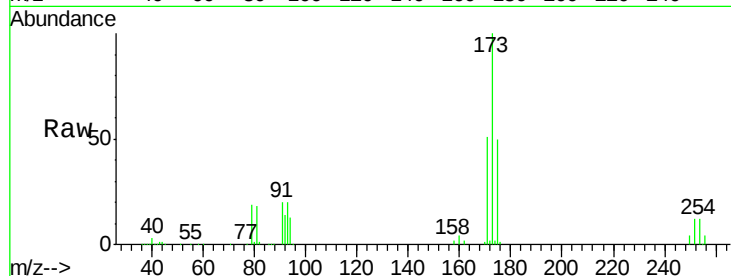




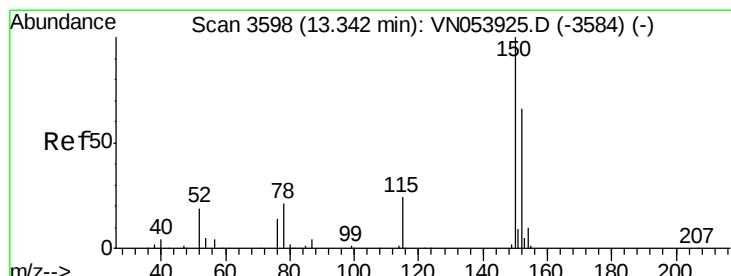
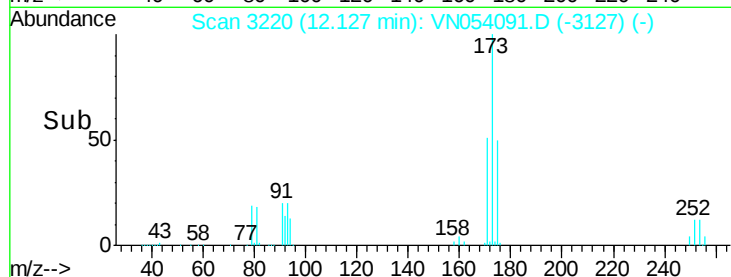
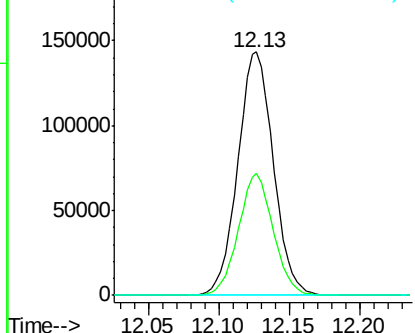
#71  
Bromoform  
Concen: 50.038 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:173 Resp: 252763  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.3 72.8  
254 0.1 0.2 0.2#

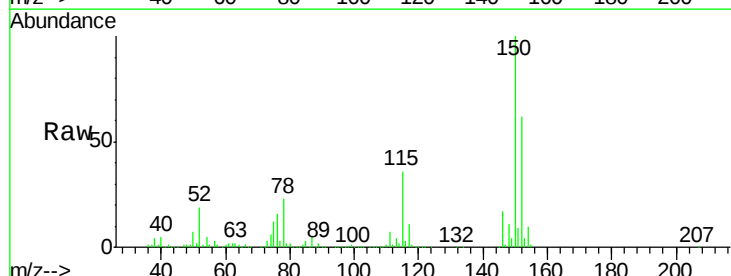


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

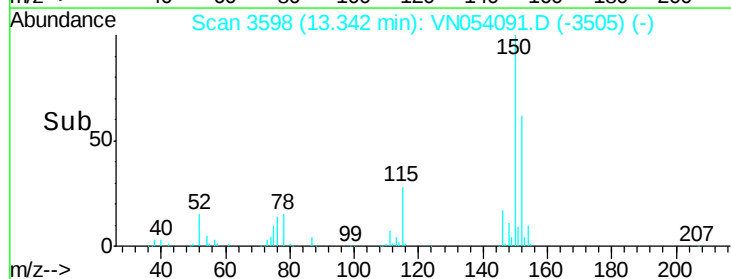
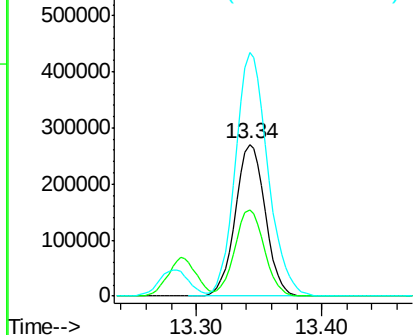


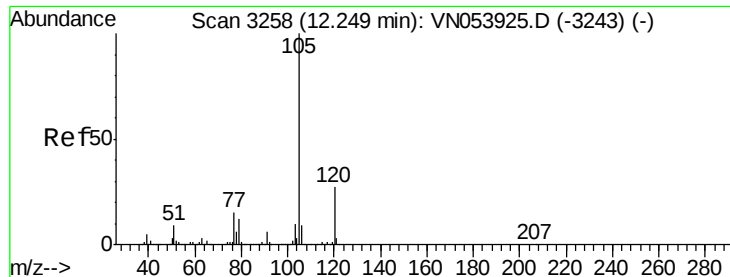
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Tgt Ion:152 Resp: 446611  
Ion Ratio Lower Upper  
152 100  
115 56.6 27.2 81.6  
150 174.6 0.0 348.2



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: 48.168 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

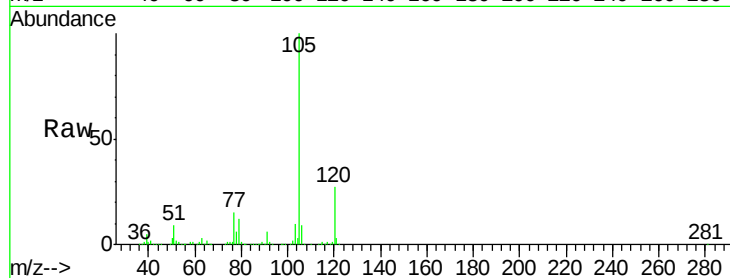
VSTDCCC050

Tot Ion:105 Resp: 1674589

Ion Ratio Lower Upper

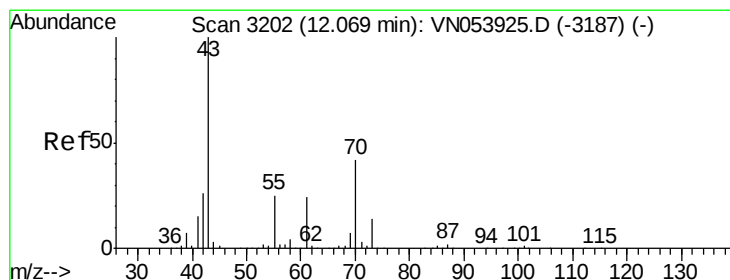
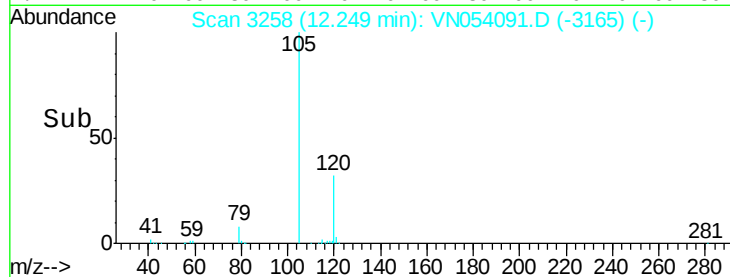
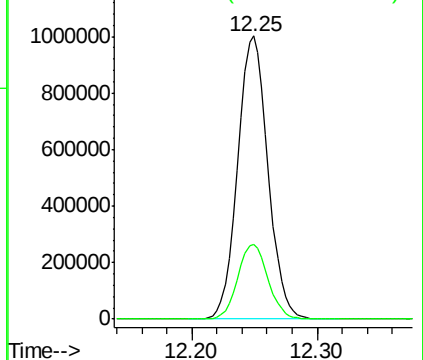
105 100

120 26.5 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.156 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Tgt Ion: 43 Resp: 457019

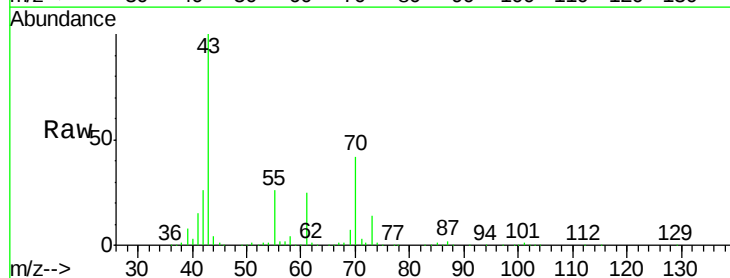
Ion Ratio Lower Upper

43 100

70 42.1 37.4 56.2

55 26.1 21.4 32.0

61 24.4 20.9 31.3

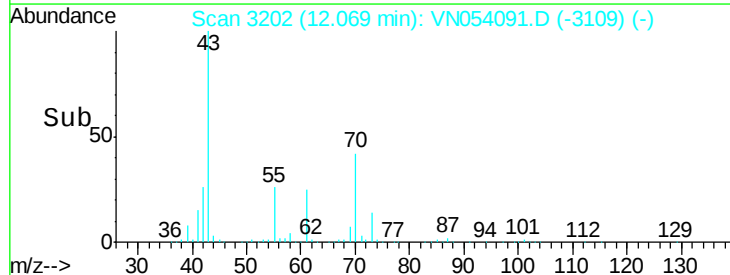
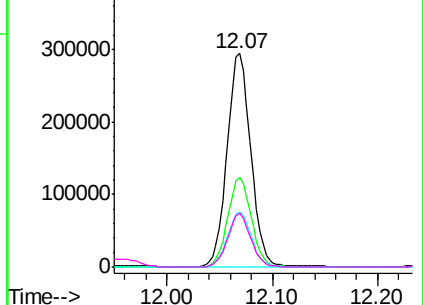


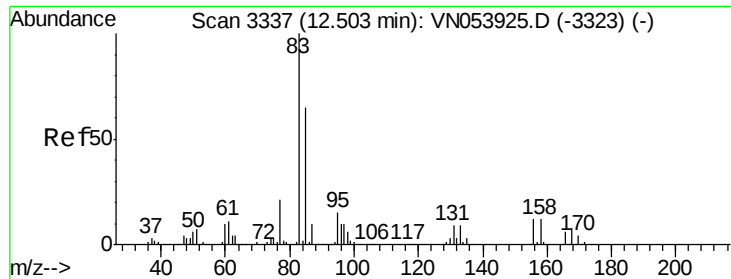
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.931 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

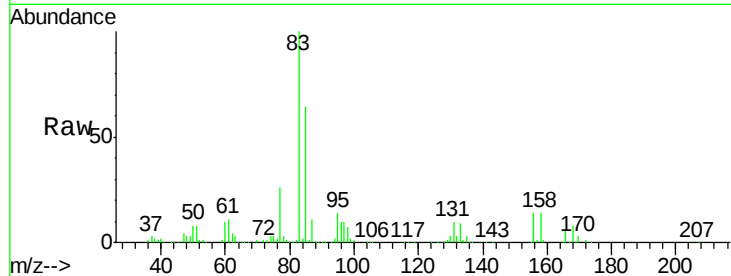
Tot Ion: 83 Resp: 399309

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

85 64.1 31.9 95.9

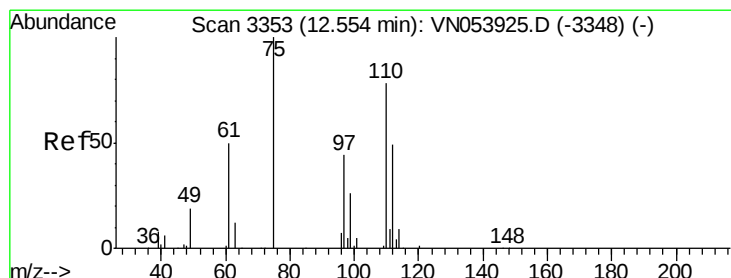
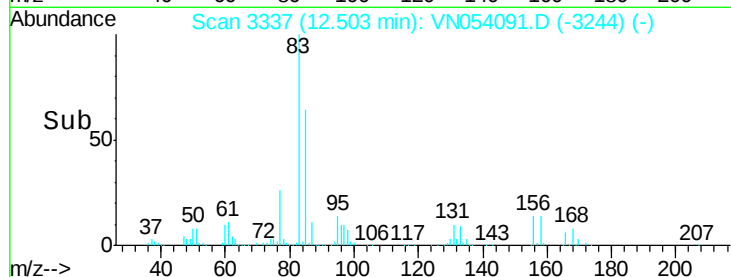


Abundance Ion 82.90 (82.60 to 83.60): VN054091.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN054091.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN054091.D (-3244) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 69.075 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054091.D

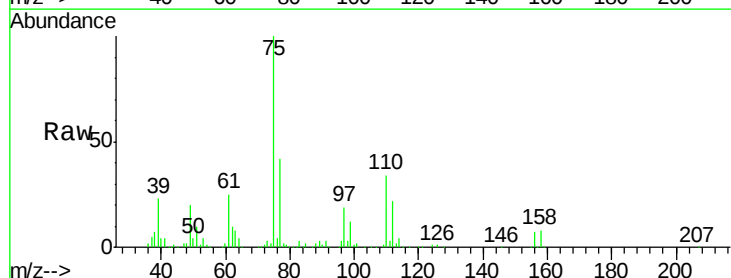
Acq: 5 Mar 2019 11:08

Tgt Ion: 75 Resp: 494884

Ion Ratio Lower Upper

75 100

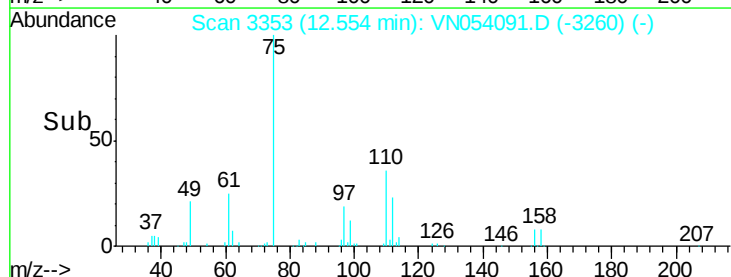
77 0.0 0.0 0.0

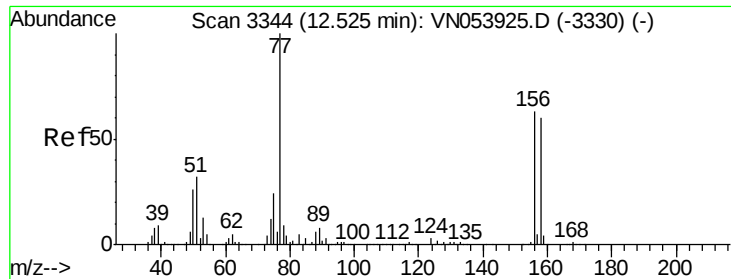


Abundance Ion 74.90 (74.60 to 75.60): VN054091.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN054091.D (-3260) (-)

Time-->





#77

Bromobenzene

Concen: 46.829 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

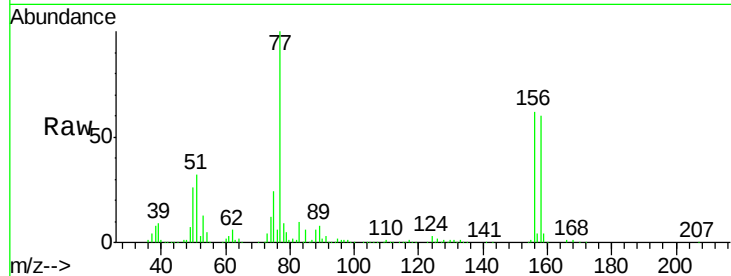
Tot Ion:156 Resp: 413349

Ion Ratio Lower Upper

156 100

77 187.9 84.0 252.2

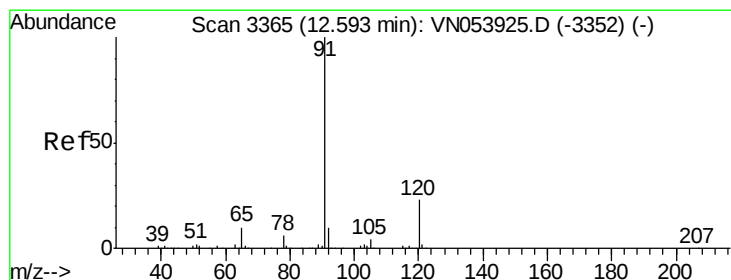
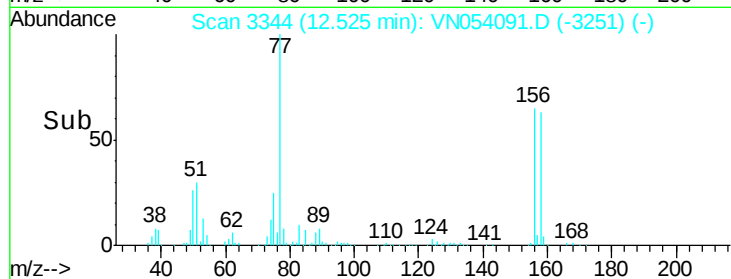
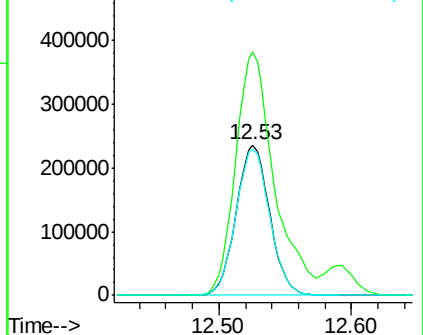
158 98.2 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.213 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054091.D

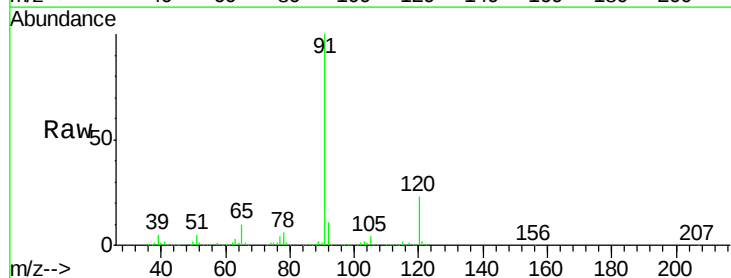
Acq: 5 Mar 2019 11:08

Tgt Ion: 91 Resp: 1985294

Ion Ratio Lower Upper

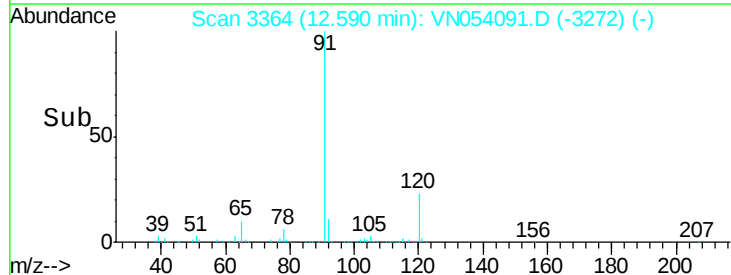
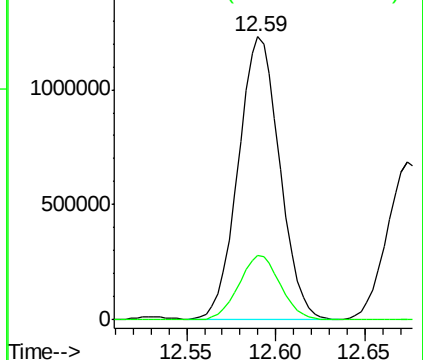
91 100

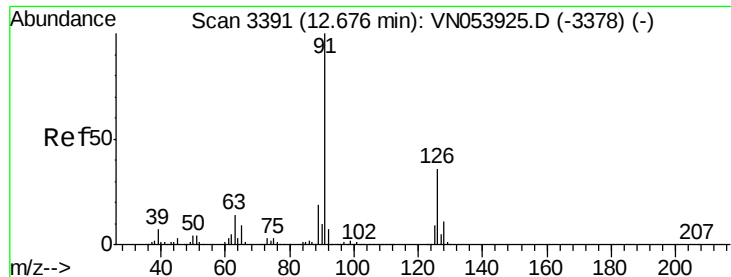
120 22.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.349 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

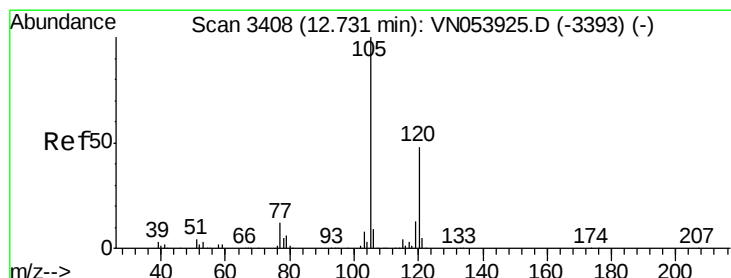
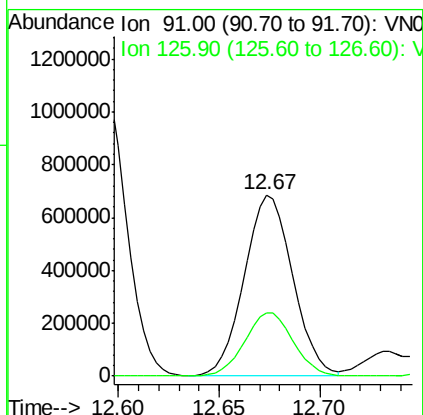
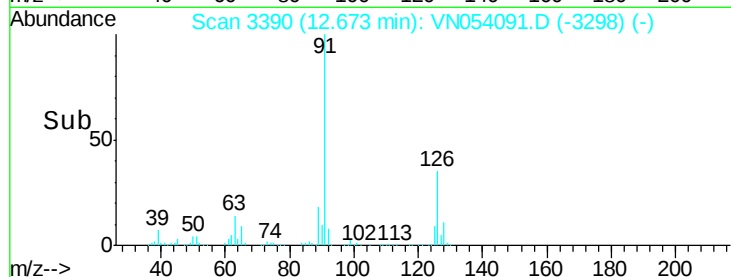
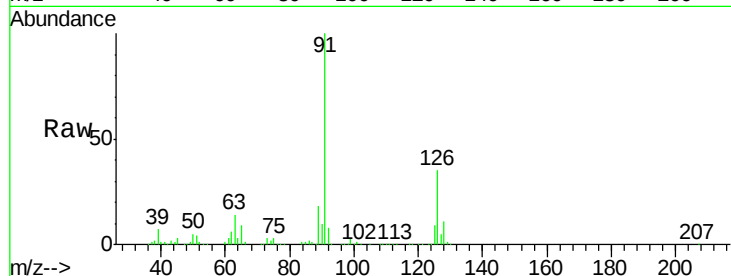
VSTDCCC050

Tot Ion: 91 Resp: 1148337

Ion Ratio Lower Upper

91 100

126 35.3 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 50.270 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054091.D

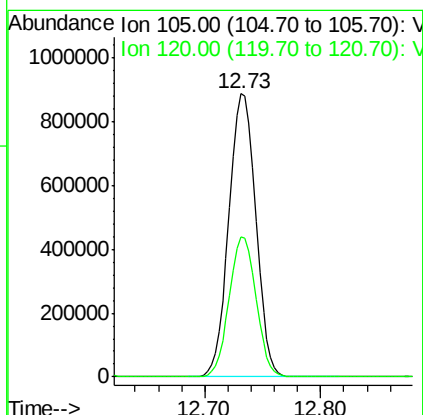
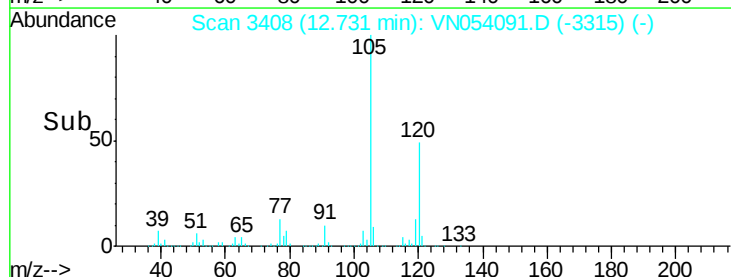
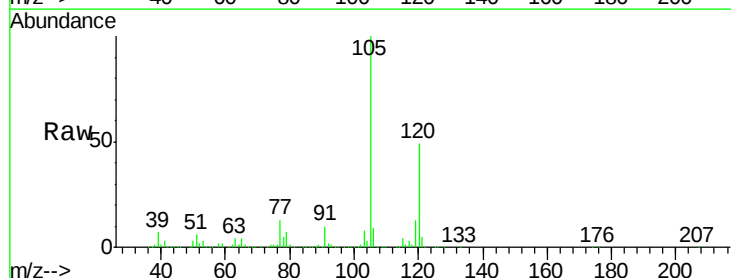
Acq: 5 Mar 2019 11:08

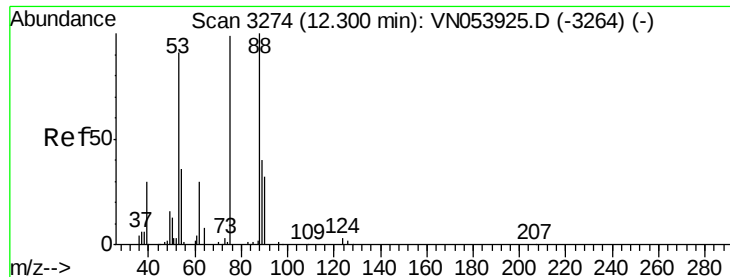
Tgt Ion: 105 Resp: 1430757

Ion Ratio Lower Upper

105 100

120 49.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.169 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

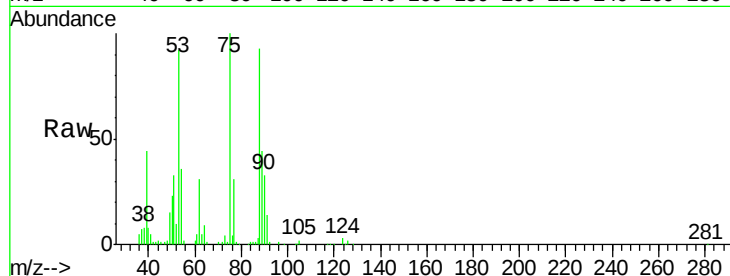
Tot Ion: 75 Resp: 106922

Ion Ratio Lower Upper

75 100

53 95.0 68.6 102.8

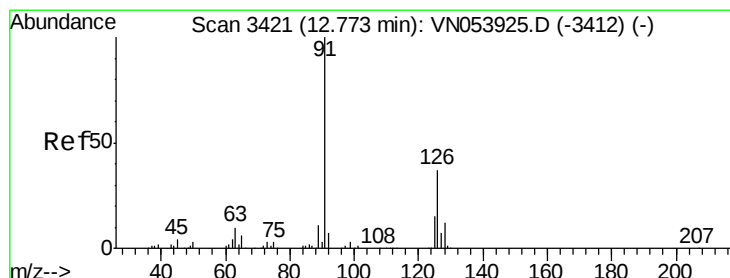
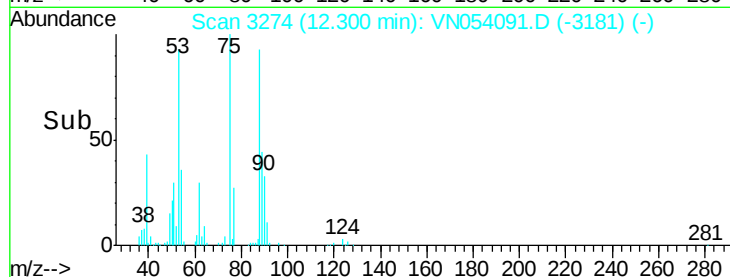
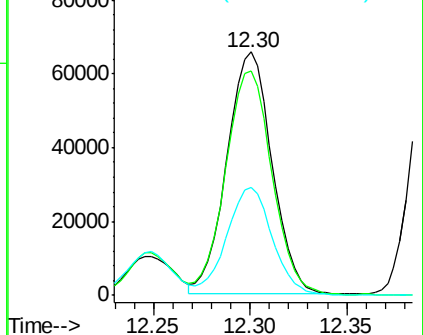
89 44.9 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.434 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054091.D

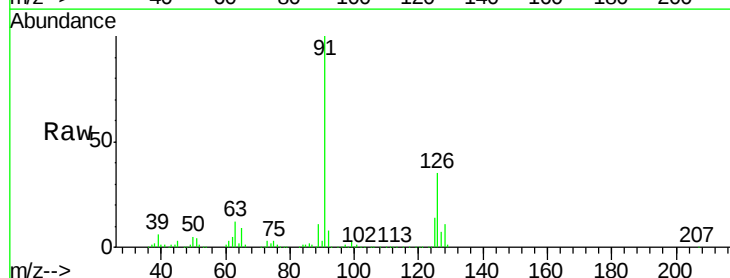
Acq: 5 Mar 2019 11:08

Tgt Ion: 91 Resp: 1160405

Ion Ratio Lower Upper

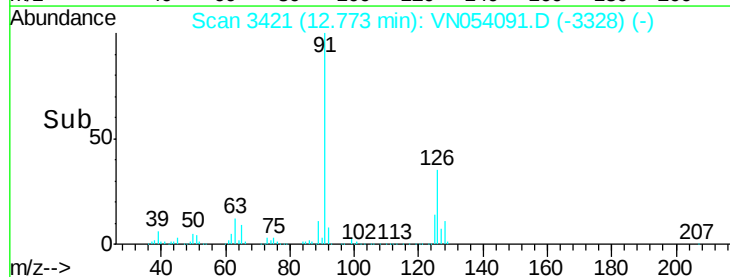
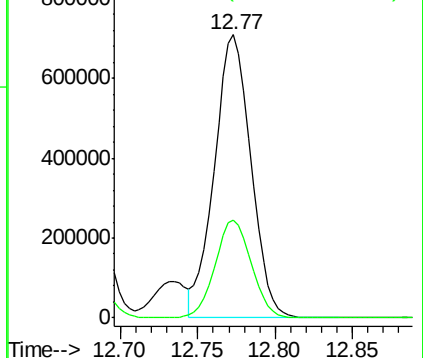
91 100

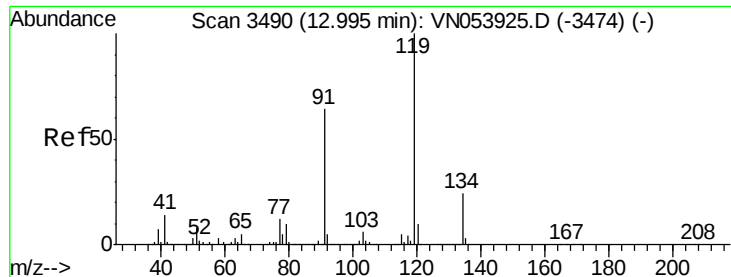
126 34.4 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

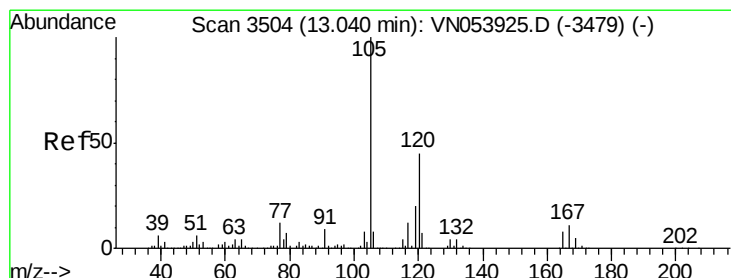
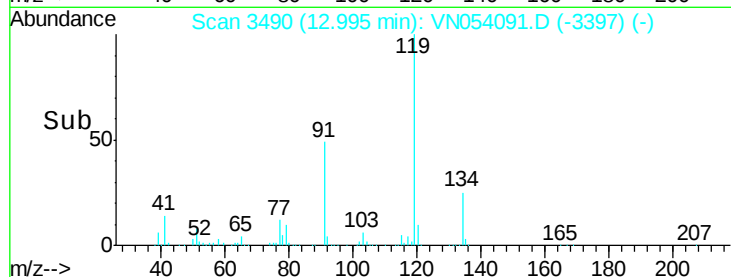
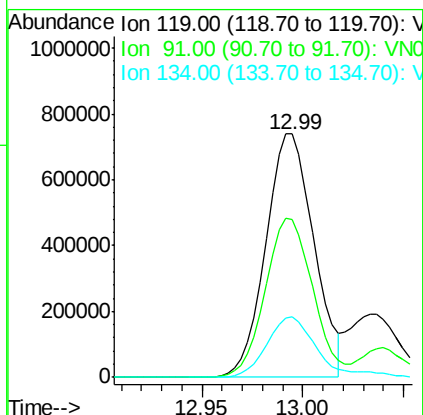
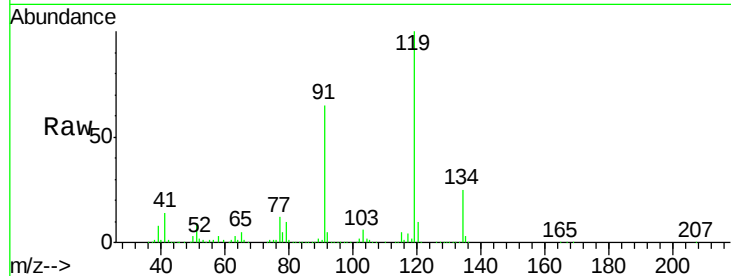




#83  
tert-Butylbenzene  
Concen: 48.587 ug/l  
RT: 12.99 min Scan# 3490  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

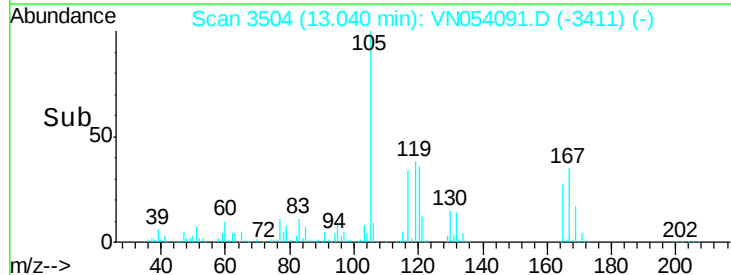
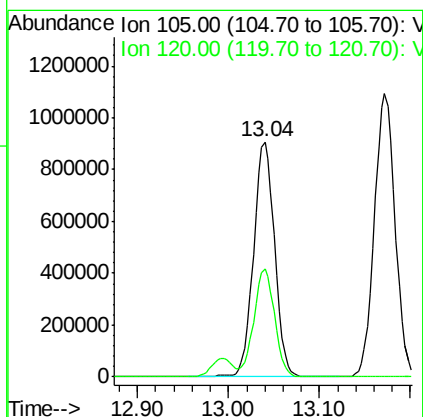
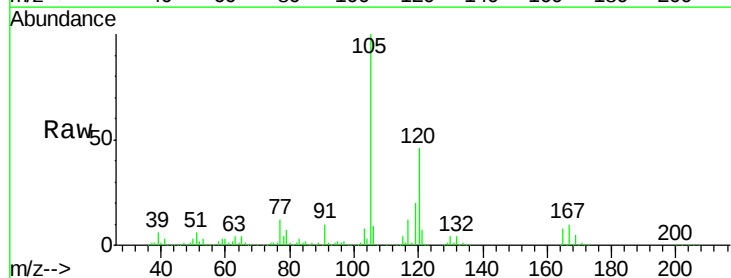
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

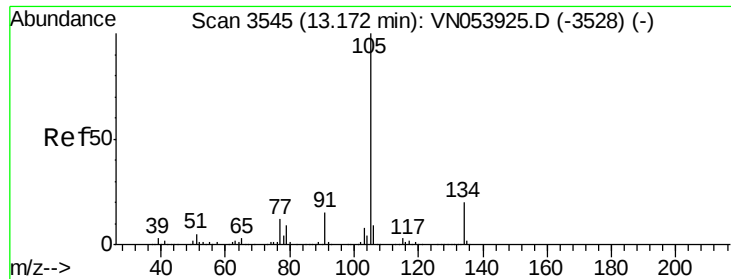
Tot Ion:119 Resp: 1223062  
Ion Ratio Lower Upper  
119 100  
91 64.4 30.6 91.8  
134 26.1 13.0 39.0



#84  
1,2,4-Trimethylbenzene  
Concen: 51.176 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Tgt Ion:105 Resp: 1454137  
Ion Ratio Lower Upper  
105 100  
120 45.2 23.2 69.5

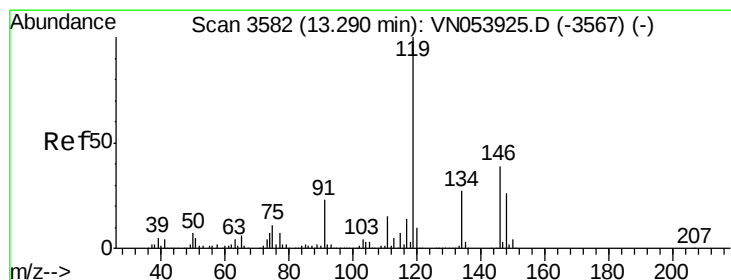
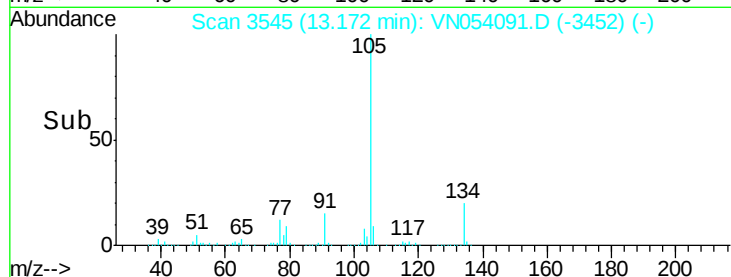
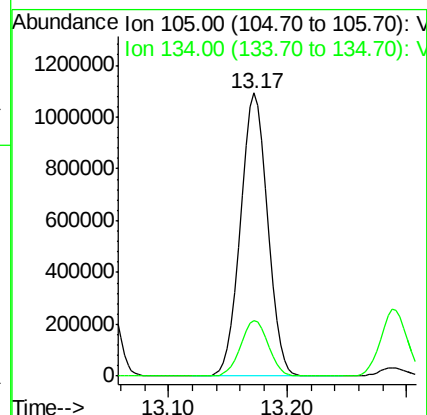
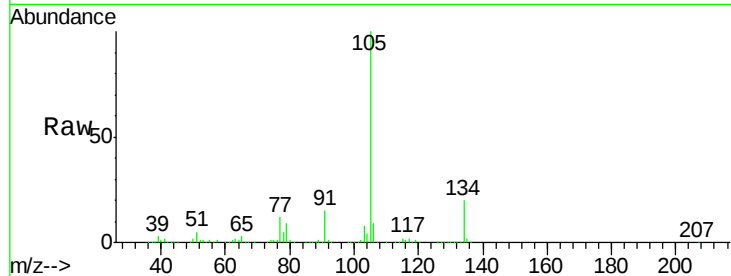




#85  
 sec-Butylbenzene  
 Concen: 50.144 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. 0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

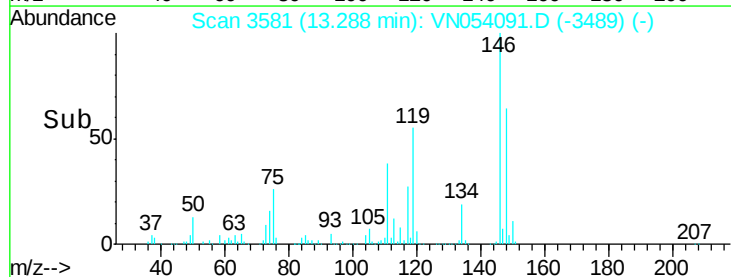
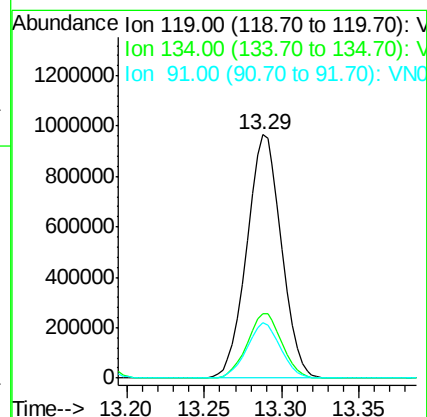
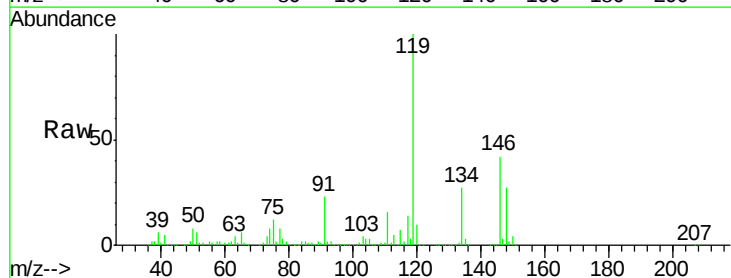
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

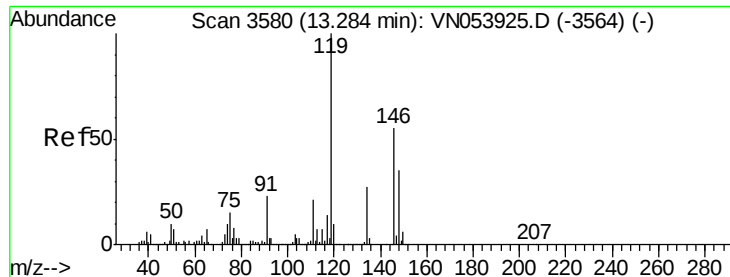
Tot Ion:105 Resp: 1723992  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 51.594 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

Tgt Ion:119 Resp: 1499599  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.5 40.4  
 91 22.2 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 49.271 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

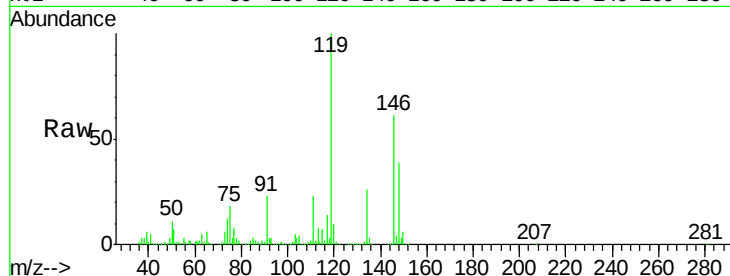
Tot Ion:146 Resp: 752333

Ion Ratio Lower Upper

146 100

111 38.2 18.7 56.1

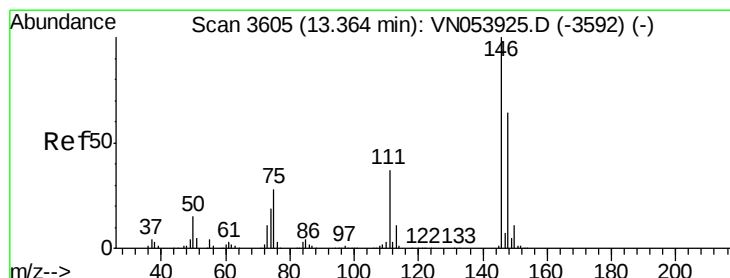
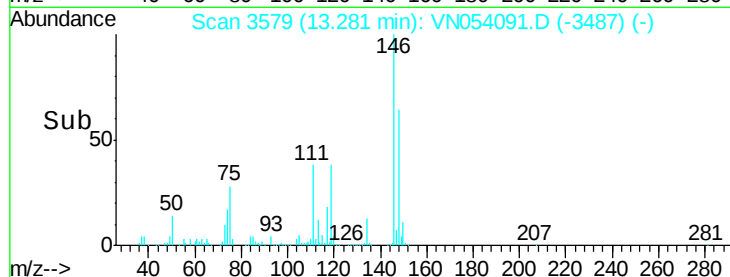
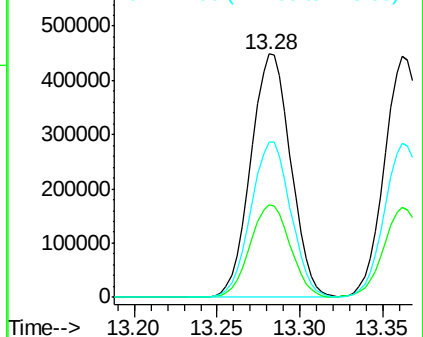
148 63.9 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.894 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

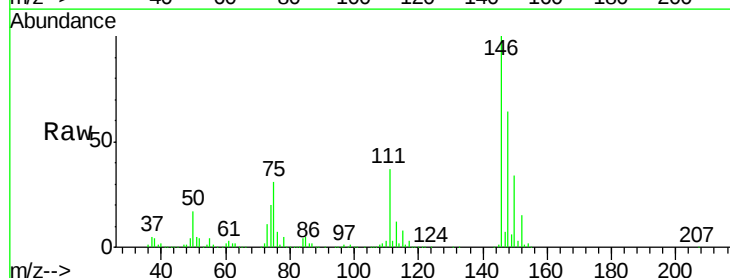
Tgt Ion:146 Resp: 739131

Ion Ratio Lower Upper

146 100

111 37.3 18.0 54.0

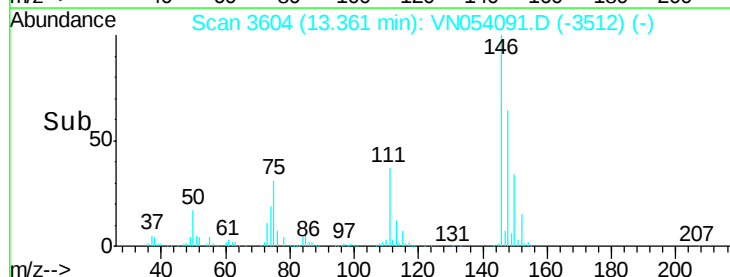
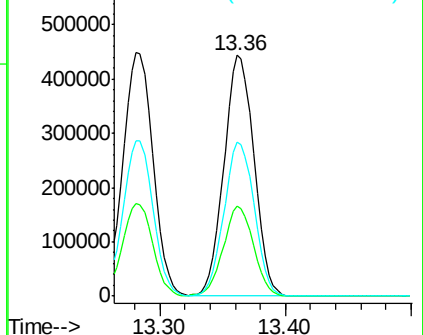
148 64.3 32.1 96.5

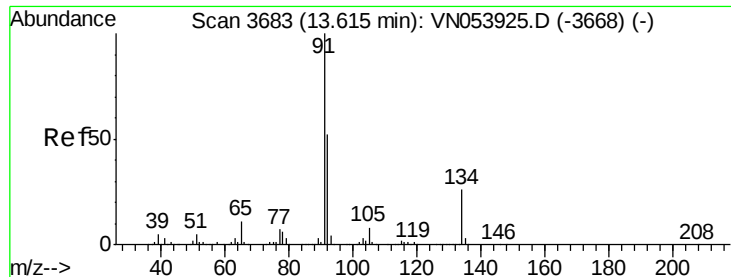


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

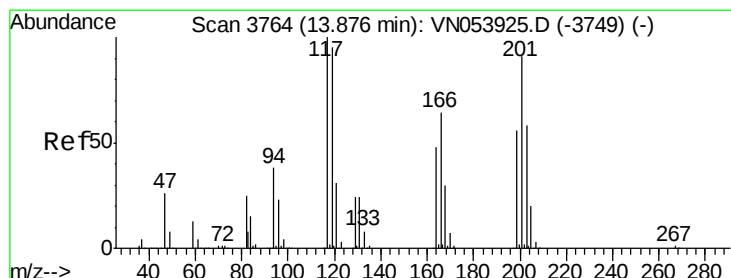
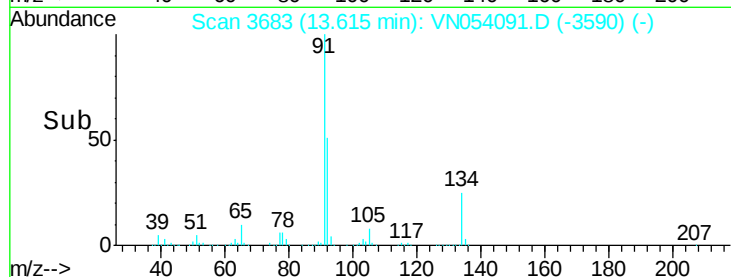
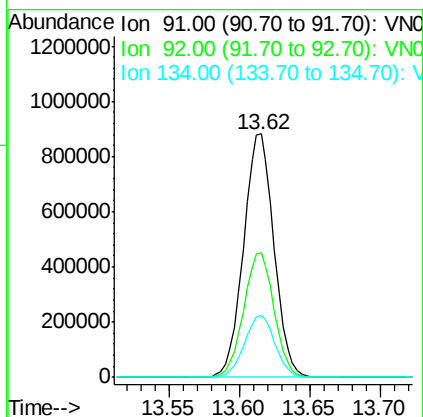
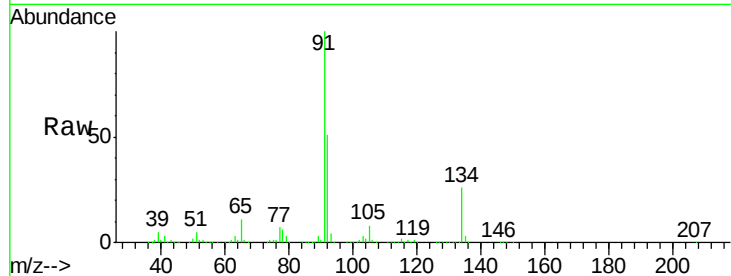




#89  
n-Butylbenzene  
Concen: 54.296 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

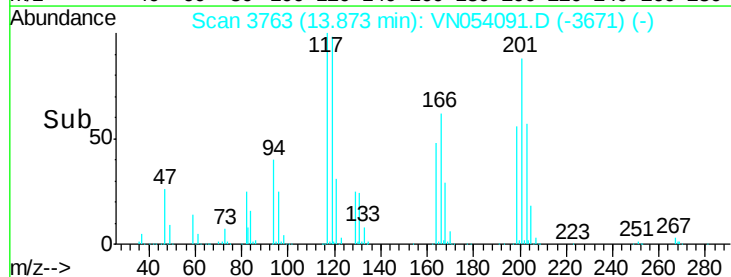
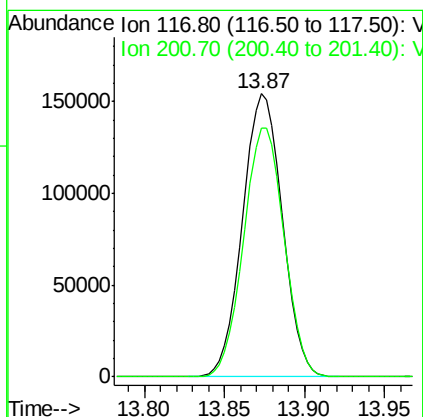
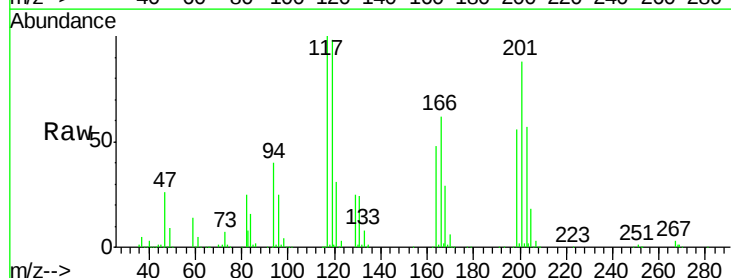
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

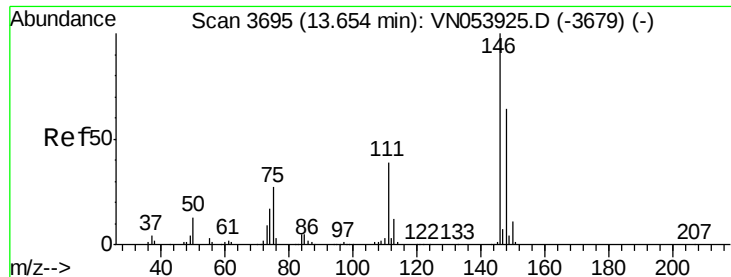
Tot Ion: 91 Resp: 1329975  
Ion Ratio Lower Upper  
91 100  
92 51.5 26.1 78.2  
134 25.6 13.6 40.8



#90  
Hexachloroethane  
Concen: 46.458 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. -0.00 min  
Lab File: VN054091.D  
Acq: 5 Mar 2019 11:08

Tgt Ion: 117 Resp: 261663  
Ion Ratio Lower Upper  
117 100  
201 89.5 48.0 144.2





#91

1,2-Dichlorobenzene

Concen: 49.051 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

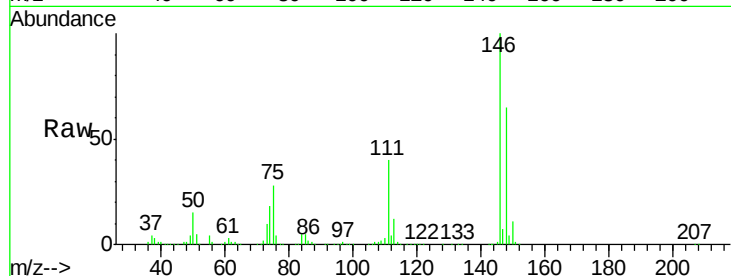
Tot Ion:146 Resp: 725018

Ion Ratio Lower Upper

146 100

111 40.3 19.1 57.5

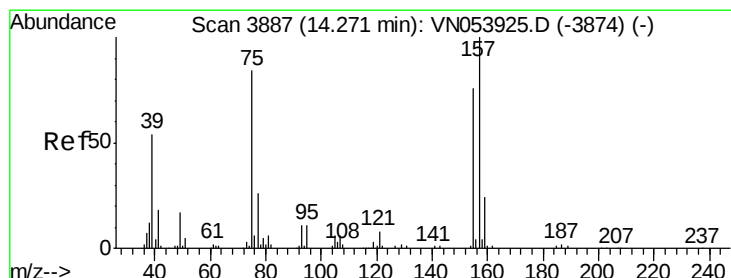
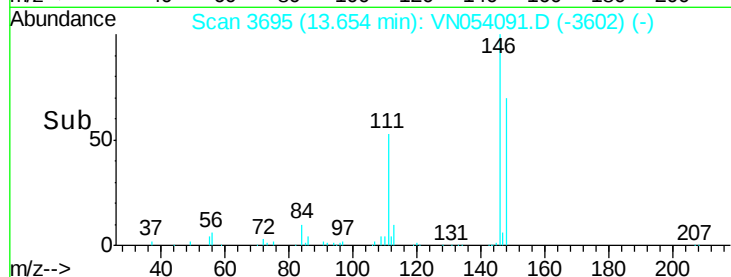
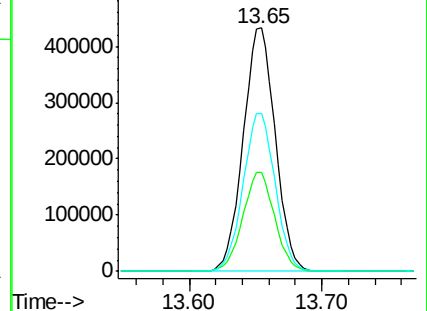
148 64.9 32.1 96.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.895 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

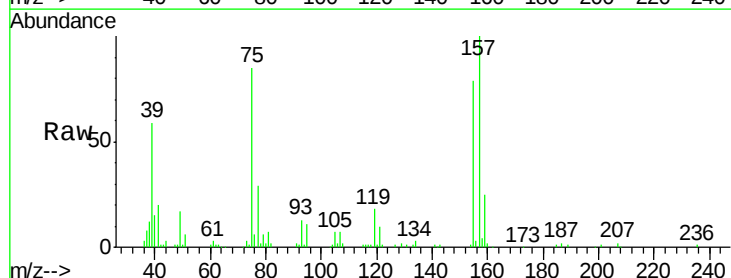
Tgt Ion: 75 Resp: 58842

Ion Ratio Lower Upper

75 100

155 91.5 49.5 148.5

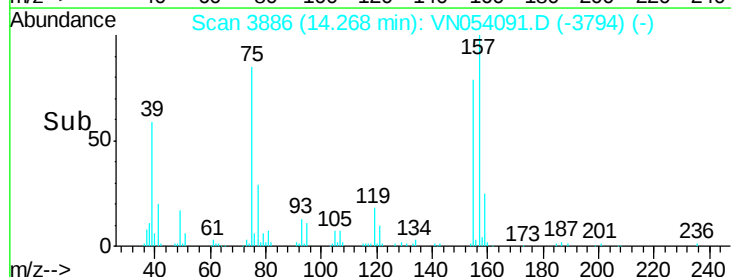
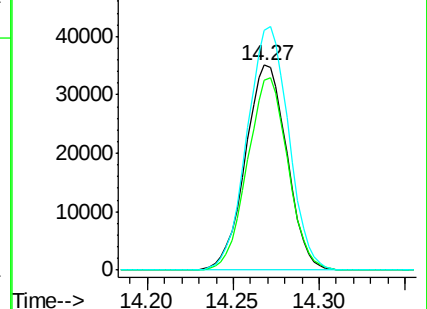
157 118.7 64.8 194.6

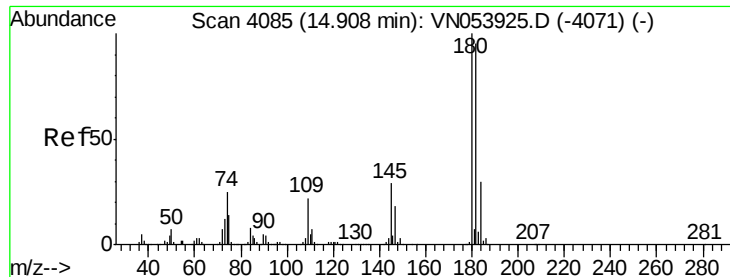


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

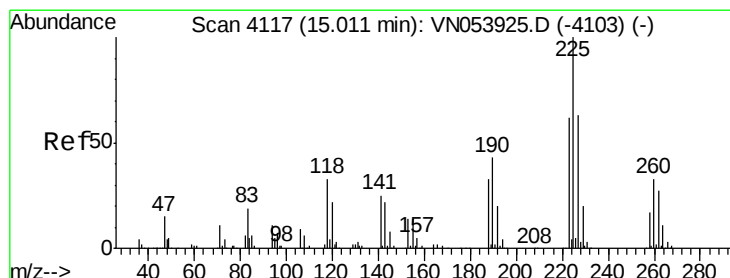
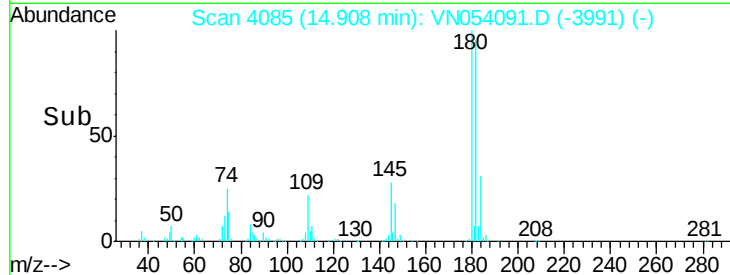
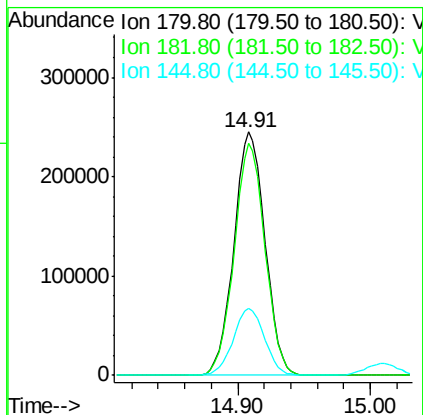
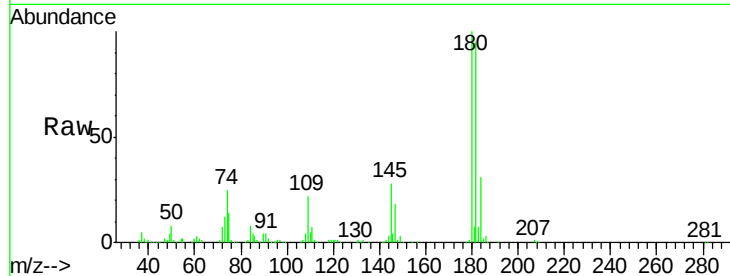




#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.544 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

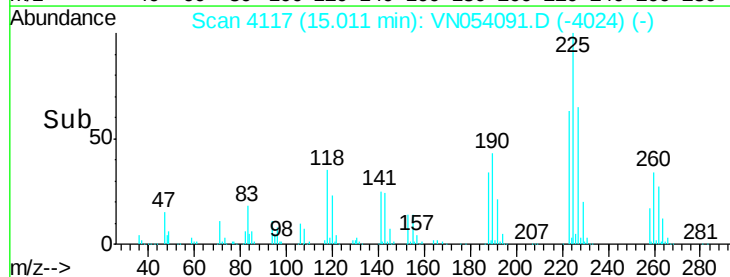
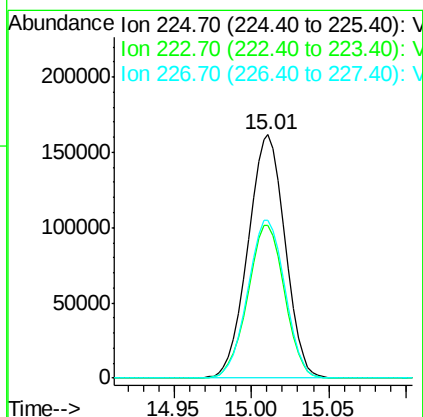
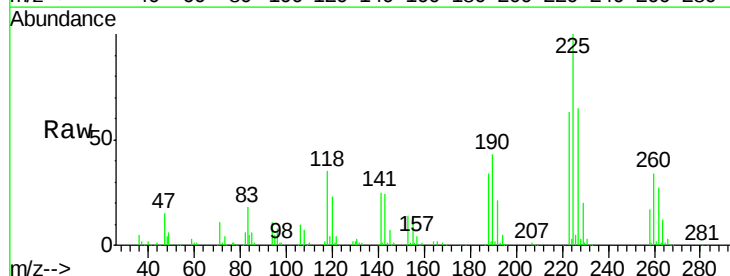
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

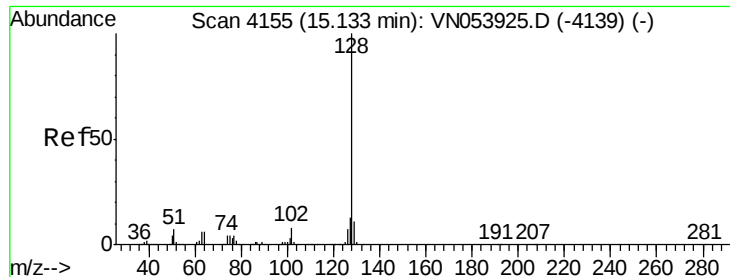
Tot Ion:180 Resp: 397936  
 Ion Ratio Lower Upper  
 180 100  
 182 94.5 48.6 145.9  
 145 28.0 13.8 41.3



#94  
 Hexachlorobutadiene  
 Concen: 50.463 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN054091.D  
 Acq: 5 Mar 2019 11:08

Tgt Ion:225 Resp: 269437  
 Ion Ratio Lower Upper  
 225 100  
 223 62.6 30.9 92.5  
 227 65.4 32.5 97.4





#95

Naphthalene

Concen: 43.978 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

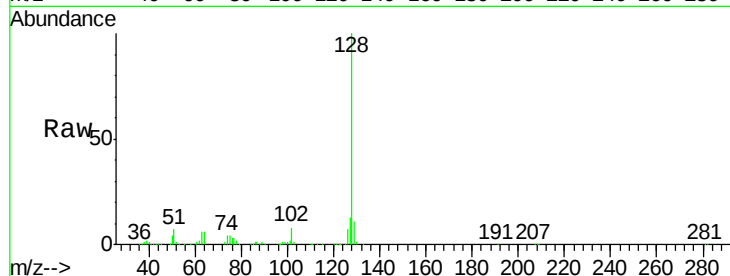
Tot Ion:128 Resp: 770379

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

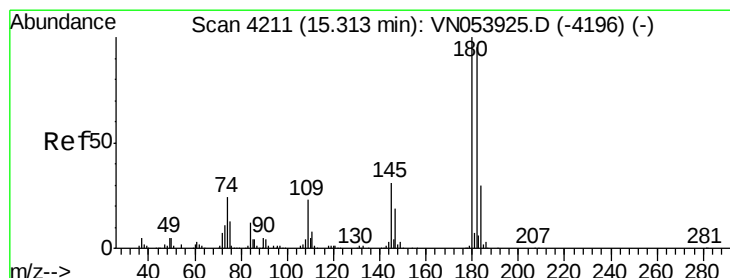
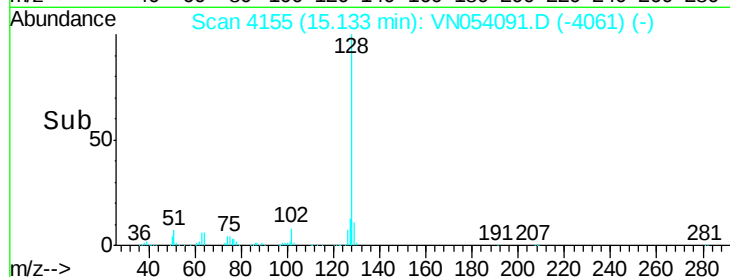
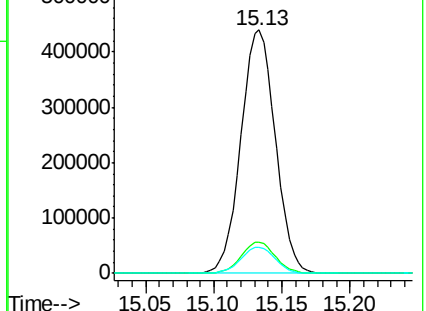
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.941 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054091.D

Acq: 5 Mar 2019 11:08

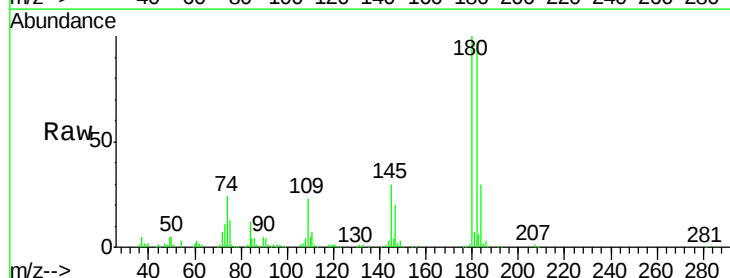
Tgt Ion:180 Resp: 376965

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 30.4 14.4 43.0



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

