

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\  
 Data File : VN061120.D  
 Acq On : 20 Apr 2020 23:24  
 Operator : JC/MD  
 Sample : VN0420WBS02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBS02

Quant Time: Apr 21 04:05:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041620W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 17 03:49:39 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 144304   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.56  | 114  | 248618   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 223790   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 102193   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 94587    | 51.23 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 102.46% |          |
| 35) Dibromofluoromethane    | 7.56  | 113  | 73149    | 50.38 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 100.76% |          |
| 50) Toluene-d8              | 10.08 | 98   | 259231   | 47.25 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 94.50%  |          |
| 62) 4-Bromofluorobenzene    | 12.39 | 95   | 101698   | 47.29 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 94.58%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 35923    | 19.062  | ug/l  | 98     |
| 3) Chloromethane              | 2.04 | 50   | 47191    | 18.438  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.17 | 62   | 41418    | 19.473  | ug/l  | 98     |
| 5) Bromomethane               | 2.55 | 94   | 21262    | 19.934  | ug/l  | 98     |
| 6) Chloroethane               | 2.69 | 64   | 23972    | 19.539  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 3.00 | 101  | 52935    | 19.991  | ug/l  | 99     |
| 8) Diethyl Ether              | 3.38 | 74   | 20231    | 19.224  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101  | 29129    | 18.750  | ug/l  | 100    |
| 10) Methyl Iodide             | 3.93 | 142  | 27163    | 19.819  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 4.72 | 59   | 34685    | 105.883 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.72 | 96   | 30964    | 19.608  | ug/l  | 98     |
| 13) Acrolein                  | 3.58 | 56   | 19323    | 69.862  | ug/l  | 97     |
| 14) Allyl chloride            | 4.29 | 41   | 55483    | 18.569  | ug/l  | 98     |
| 15) Acrylonitrile             | 4.94 | 53   | 91799    | 103.355 | ug/l  | 98     |
| 16) Acetone                   | 3.78 | 43   | 76520    | 94.162  | ug/l  | 98     |
| 17) Carbon Disulfide          | 4.03 | 76   | 91380    | 18.493  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.29 | 43   | 54450    | 21.368  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73   | 108995   | 19.795  | ug/l  | 99     |
| 20) Methylene Chloride        | 4.52 | 84   | 35173    | 19.824  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96   | 32766    | 19.400  | ug/l  | 95     |
| 22) Diisopropyl ether         | 5.91 | 45   | 122927   | 19.810  | ug/l  | 94     |
| 23) Vinyl Acetate             | 5.86 | 43   | 471784   | 96.952  | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63   | 65891    | 19.660  | ug/l  | 99     |
| 25) 2-Butanone                | 6.80 | 43   | 124798   | 100.218 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 6.79 | 77   | 49102    | 17.596  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96   | 38743    | 19.980  | ug/l  | 96     |
| 28) Bromochloromethane        | 7.17 | 49   | 31633    | 20.562  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 7.18 | 42   | 86572    | 102.404 | ug/l  | 99     |
| 30) Chloroform                | 7.34 | 83   | 62460    | 19.980  | ug/l  | 99     |
| 31) Cyclohexane               | 7.63 | 56   | 62725    | 18.238  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 7.54 | 97   | 54779    | 20.259  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 7.77 | 75   | 48291    | 18.823  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.89 | 43   | 54268    | 19.481  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.75 | 117  | 41724    | 19.539  | ug/l  | 98     |

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 Sample : VN0420WBS02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Quant Time: Apr 21 04:05:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041620W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 17 03:49:39 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 9.06  | 83   | 53963    | 17.594  | ug/l   | 96       |
| 40) Benzene                    | 8.02  | 78   | 145821   | 19.159  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 78106    | 67.221  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 51130    | 19.720  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 88177    | 19.462  | ug/l   | 100      |
| 44) Trichloroethene            | 8.81  | 130  | 36176    | 18.916  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 39401    | 19.166  | ug/l   | 100      |
| 46) Dibromomethane             | 9.19  | 93   | 23875    | 20.143  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.38  | 83   | 48819    | 19.497  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.18  | 41   | 38783    | 19.370  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 11174    | 410.147 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 262340   | 100.445 | ug/l   | 100      |
| 52) Toluene                    | 10.14 | 92   | 86746    | 18.998  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 54666    | 18.795  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 59044    | 18.606  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 34077    | 19.722  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 51817    | 19.071  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 60212    | 19.536  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 111494   | 90.304  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.74 | 43   | 187066   | 99.315  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.89 | 129  | 34915    | 19.671  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.99 | 107  | 34466    | 19.575  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.62 | 164  | 33805    | 19.741  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.42 | 112  | 87824    | 19.010  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 31699    | 19.179  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.50 | 91   | 163234   | 18.784  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.61 | 106  | 119473   | 38.041  | ug/l   | 100      |
| 69) o-Xylene                   | 11.94 | 106  | 57707    | 19.111  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 92454    | 19.018  | ug/l   | 100      |
| 71) Bromoform                  | 12.12 | 173  | 24246    | 19.652  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.24 | 105  | 156303   | 19.091  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.06 | 43   | 69901    | 18.360  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 49586    | 19.841  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 65710    | 29.233  | ug/l # | 100      |
| 77) Bromobenzene               | 12.52 | 156  | 37107    | 19.412  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.59 | 91   | 181459   | 18.944  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 106964   | 19.040  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 130165   | 19.234  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.29 | 75   | 15610    | 17.129  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 110914   | 19.036  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 108732   | 19.105  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.03 | 105  | 127241   | 19.022  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 146100   | 18.946  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 129770   | 18.899  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 65071    | 19.101  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 64605    | 18.851  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 116017   | 18.169  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 20171    | 19.147  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 62537    | 19.234  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 9819     | 20.301  | ug/l   | 96       |

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Sample : VN0420WBS02  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 34 Sample Multiplier: 1

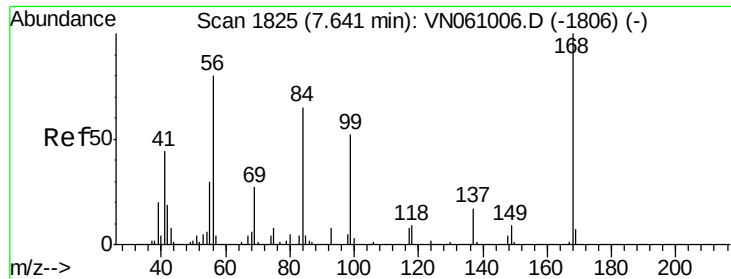
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBS02

Quant Time: Apr 21 04:05:44 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041620W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 17 03:49:39 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.90 | 180  | 36441    | 18.936 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 18330    | 18.515 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 107641   | 19.179 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 35954    | 19.386 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

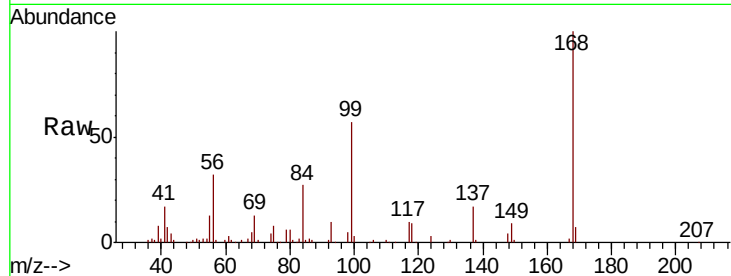
VN0420WBS02

Tot Ion:168 Resp: 144304

Ion Ratio Lower Upper

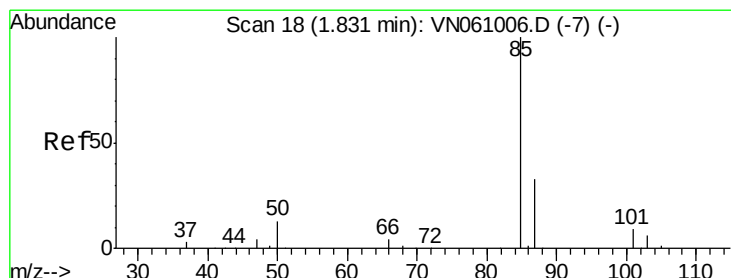
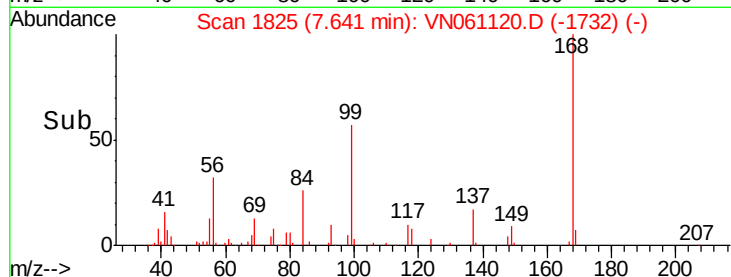
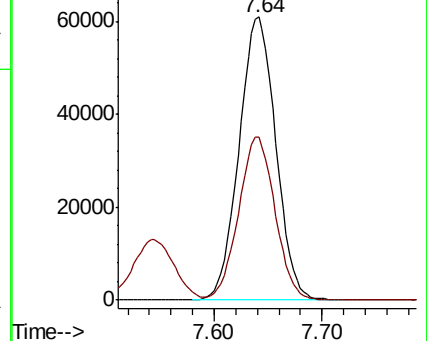
168 100

99 57.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.062 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061120.D

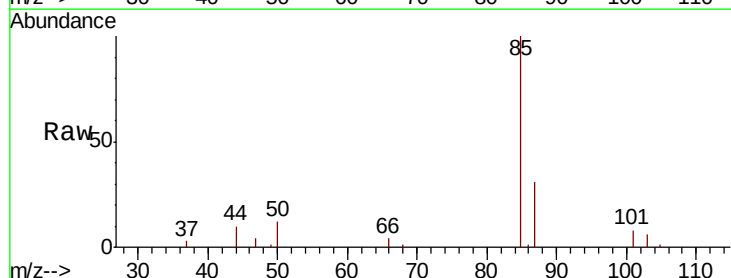
Acq: 20 Apr 2020 23:24

Tgt Ion: 85 Resp: 35923

Ion Ratio Lower Upper

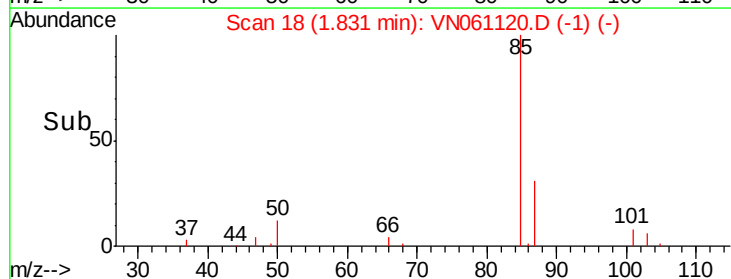
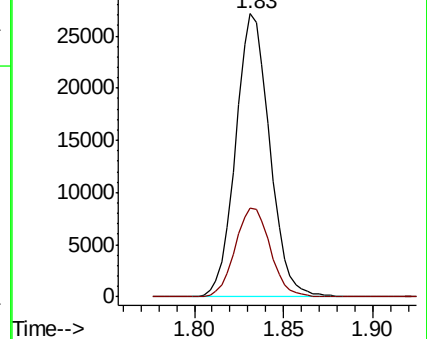
85 100

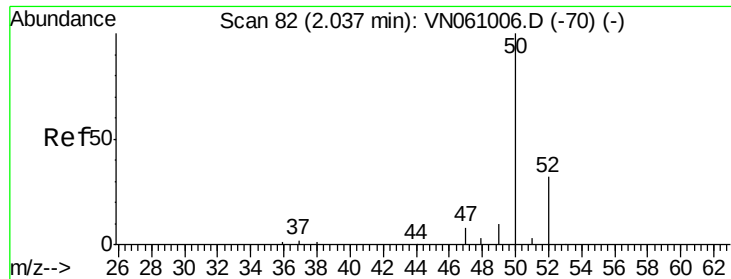
87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

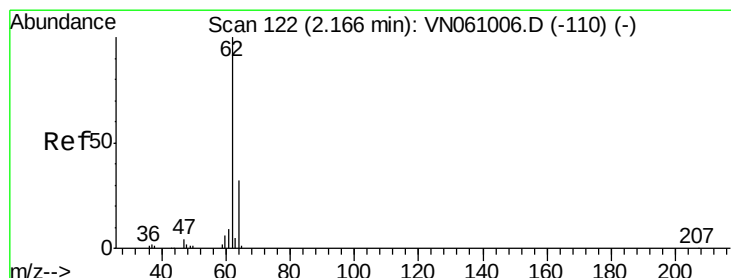
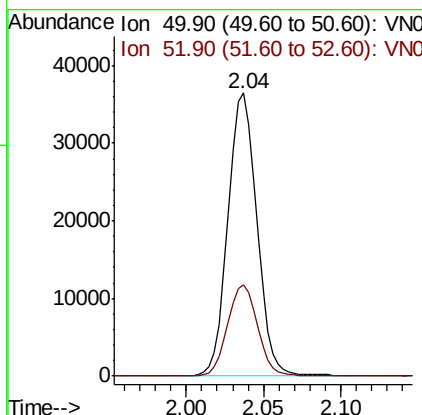
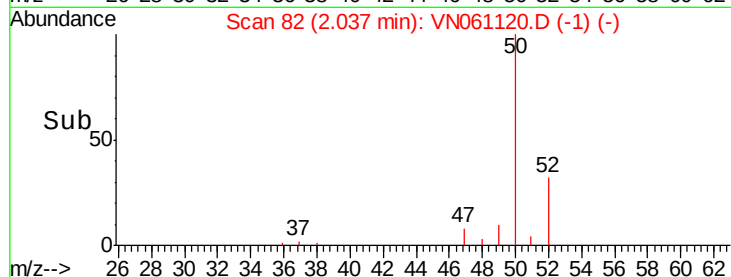
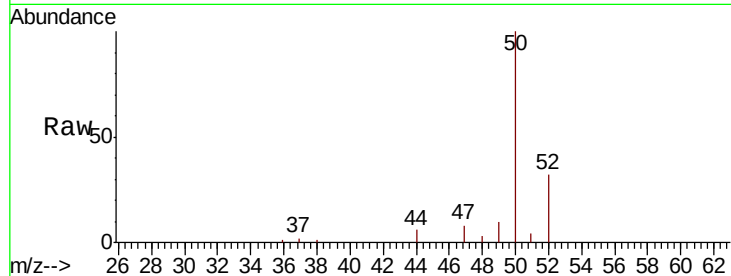




#3  
 Chloromethane  
 Concen: 18.438 ug/l  
 RT: 2.04 min Scan# 82  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

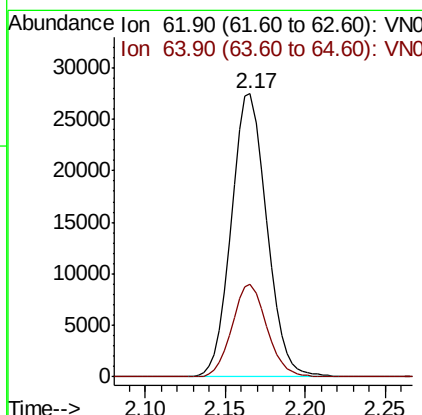
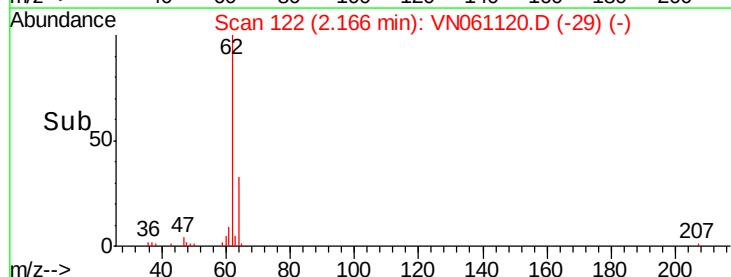
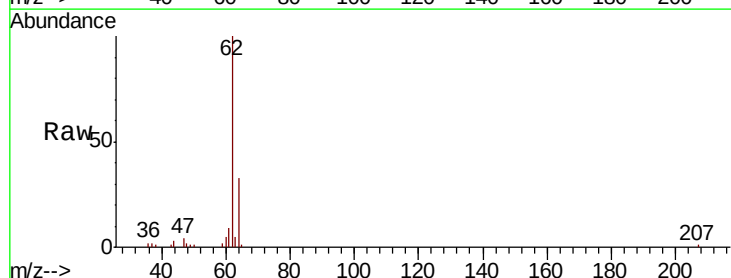
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBS02

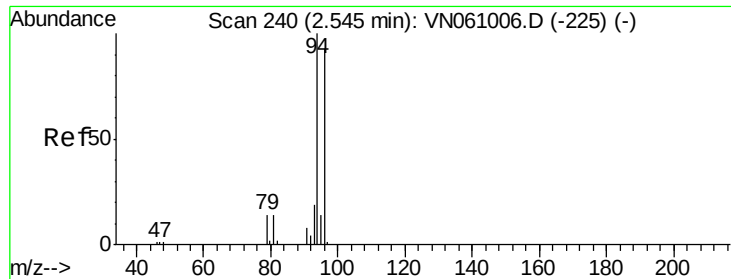
Tot Ion: 50 Resp: 47191  
 Ion Ratio Lower Upper  
 50 100  
 52 32.4 25.6 38.4



#4  
 Vinyl Chloride  
 Concen: 19.473 ug/l  
 RT: 2.17 min Scan# 122  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Tgt Ion: 62 Resp: 41418  
 Ion Ratio Lower Upper  
 62 100  
 64 32.7 25.4 38.0





#5

Bromomethane

Concen: 19.934 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

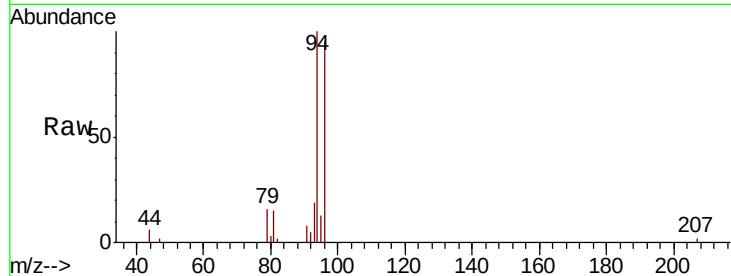
VN0420WBS02

Tot Ion: 94 Resp: 21262

Ion Ratio Lower Upper

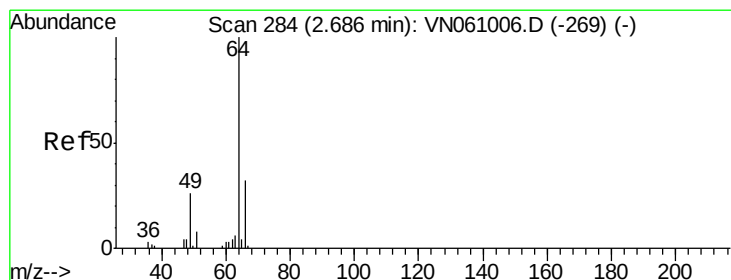
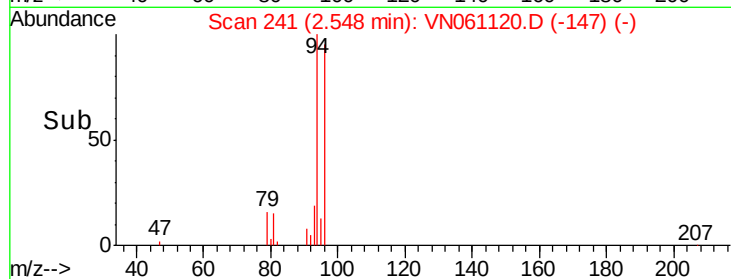
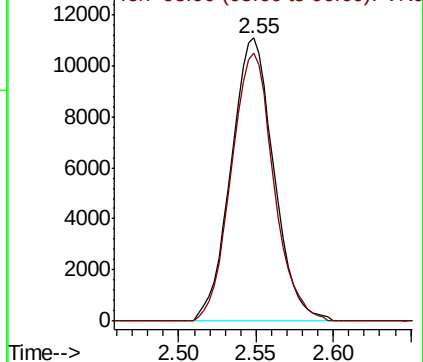
94 100

96 94.7 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.539 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN061120.D

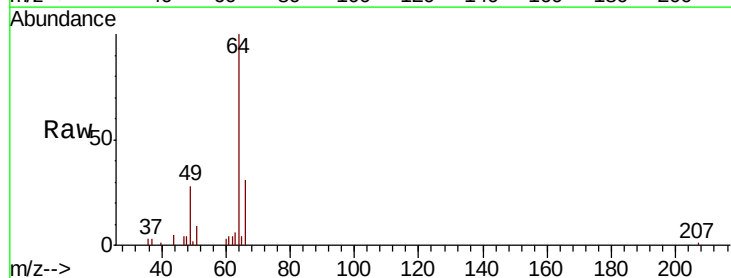
Acq: 20 Apr 2020 23:24

Tgt Ion: 64 Resp: 23972

Ion Ratio Lower Upper

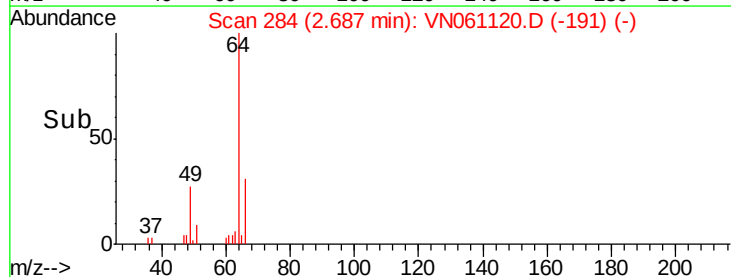
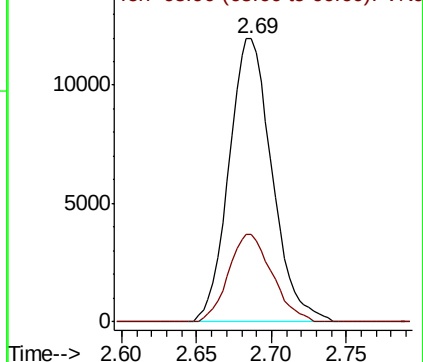
64 100

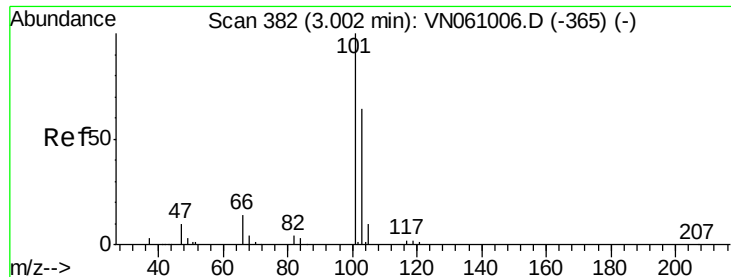
66 30.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



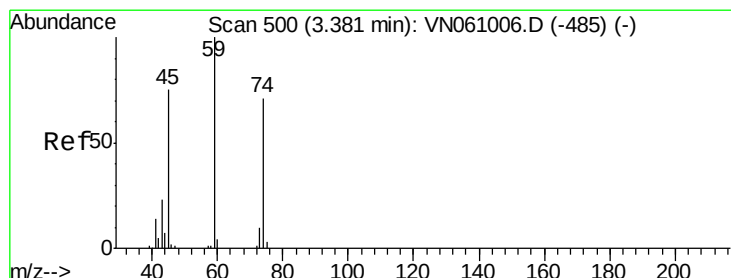
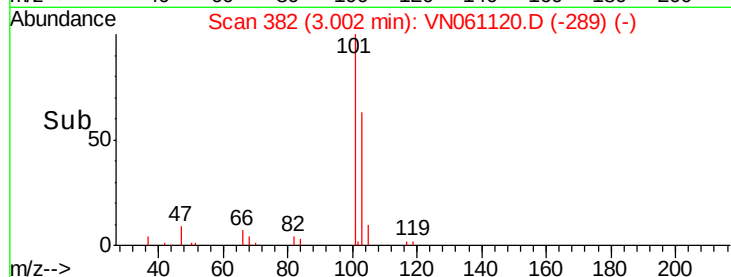
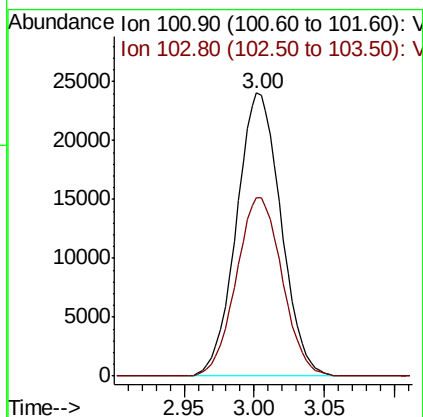
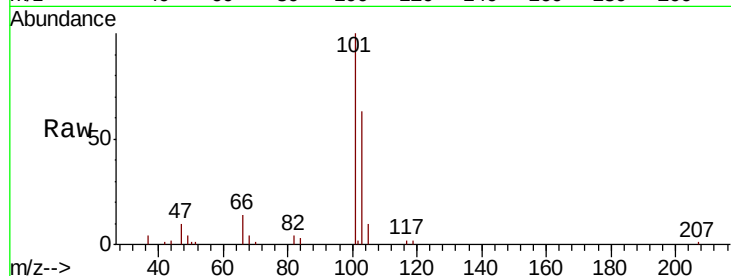


#7

Trichlorofluoromethane  
 Concen: 19.991 ug/l  
 RT: 3.00 min Scan# 382  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBS02

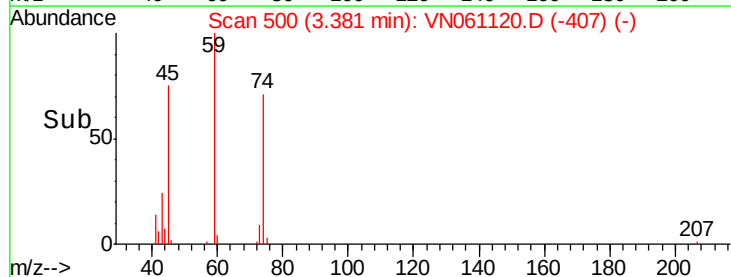
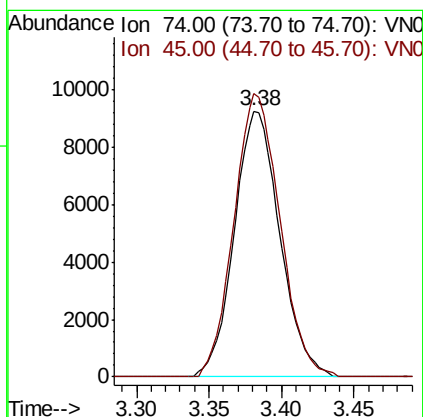
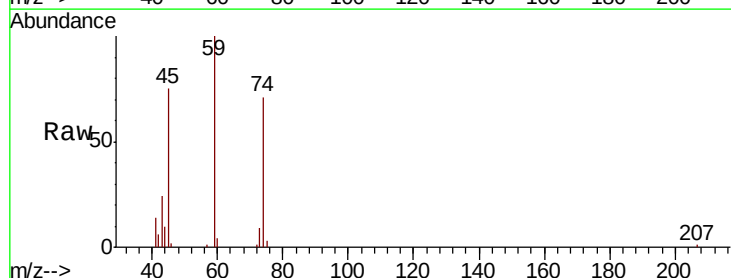
Tot Ion:101 Resp: 52935  
 Ion Ratio Lower Upper  
 101 100  
 103 63.1 51.4 77.2



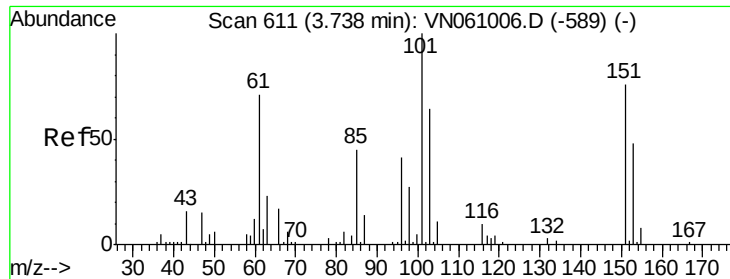
#8

Diethyl Ether  
 Concen: 19.224 ug/l  
 RT: 3.38 min Scan# 500  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Tgt Ion: 74 Resp: 20231  
 Ion Ratio Lower Upper  
 74 100  
 45 107.6 52.9 158.8







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.750 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0420WBS02

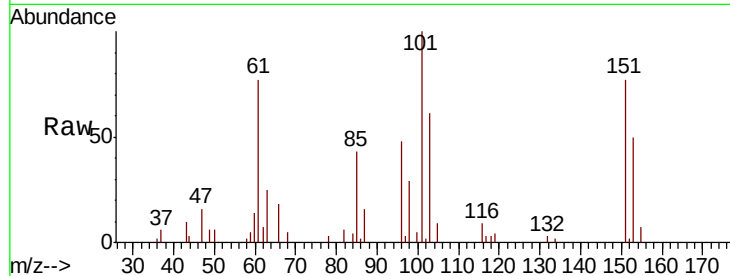
Tot Ion:101 Resp: 29129

Ion Ratio Lower Upper

101 100

85 45.0 35.9 53.9

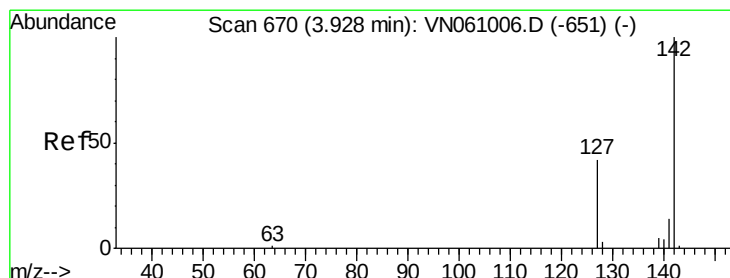
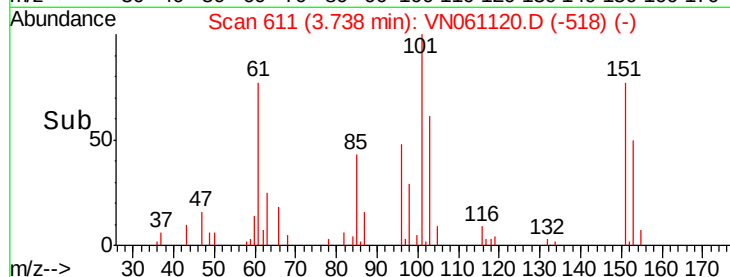
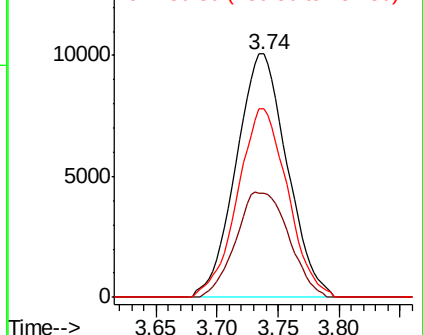
151 76.0 60.8 91.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.819 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

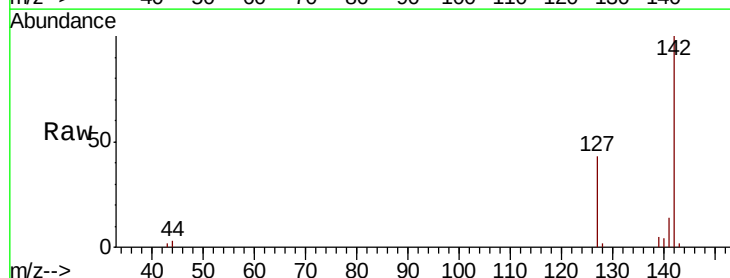
Tgt Ion:142 Resp: 27163

Ion Ratio Lower Upper

142 100

127 43.2 33.4 50.2

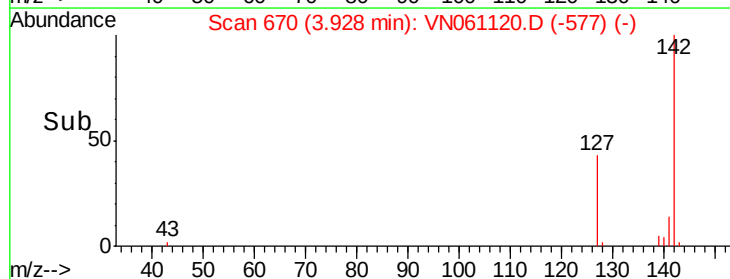
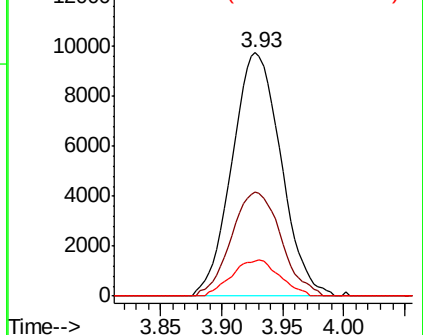
141 14.5 11.0 16.6

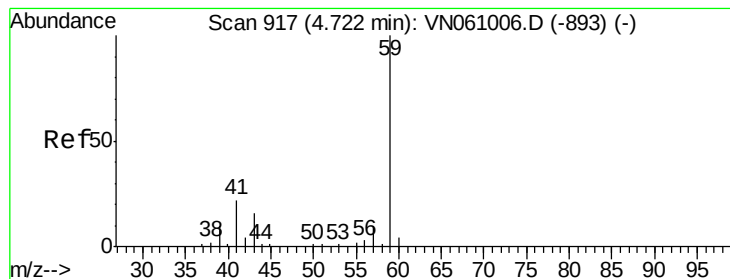


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



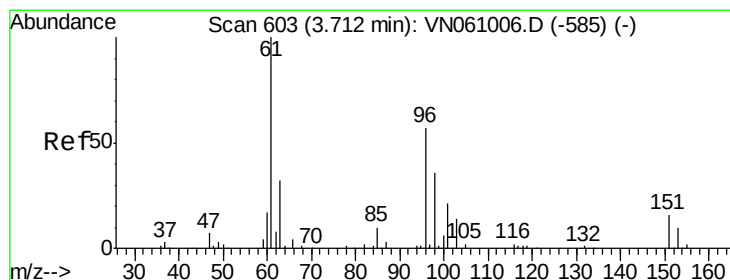
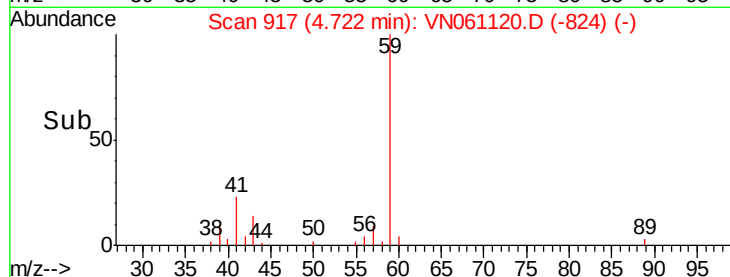
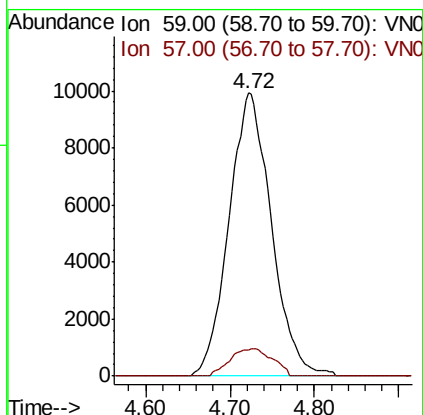
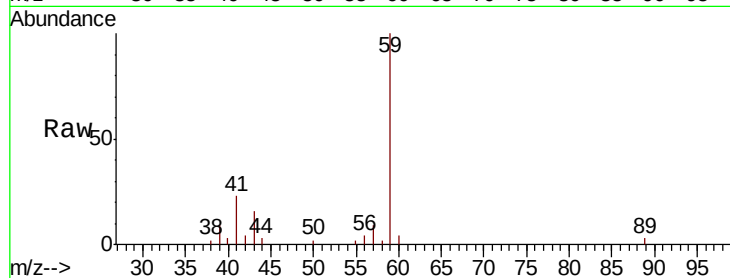


#11

Tert butyl alcohol  
 Concen: 105.883 ug/l  
 RT: 4.72 min Scan# 917  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBS02

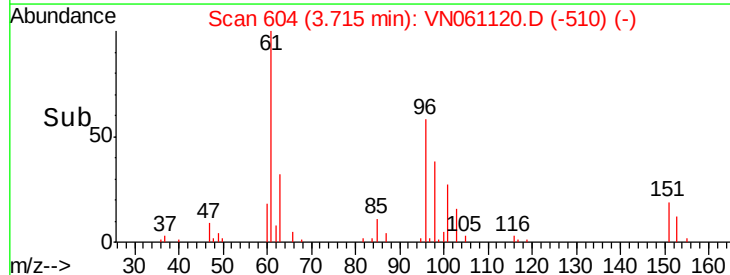
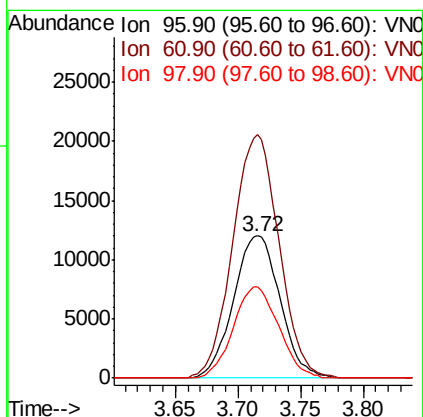
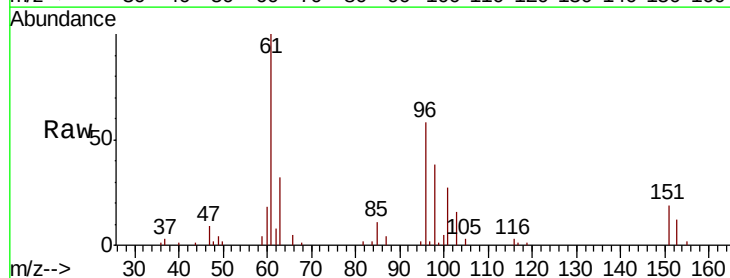
Tot Ion: 59 Resp: 34685  
 Ion Ratio Lower Upper  
 59 100  
 57 9.7 8.1 12.1

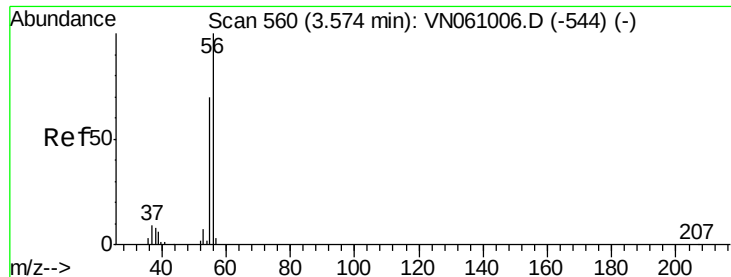


#12

1,1-Dichloroethene  
 Concen: 19.608 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Tgt Ion: 96 Resp: 30964  
 Ion Ratio Lower Upper  
 96 100  
 61 171.3 139.2 208.8  
 98 64.5 50.0 75.0





#13

Acrolein

Concen: 69.862 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

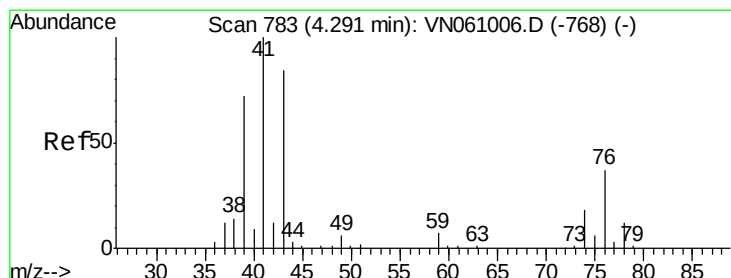
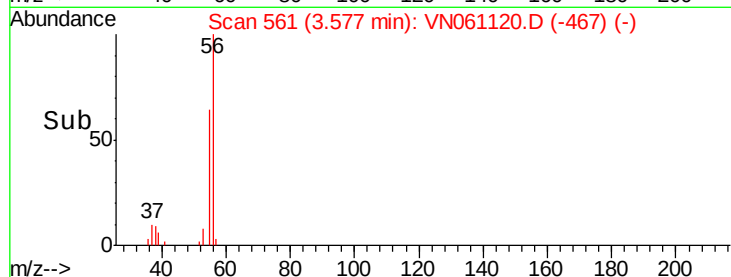
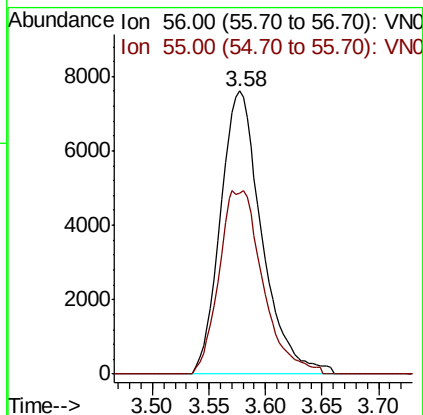
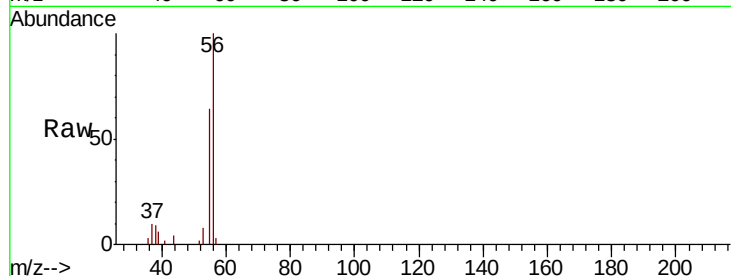
VN0420WBS02

Tot Ion: 56 Resp: 19323

Ion Ratio Lower Upper

56 100

55 68.7 57.0 85.6



#14

Allyl chloride

Concen: 18.569 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

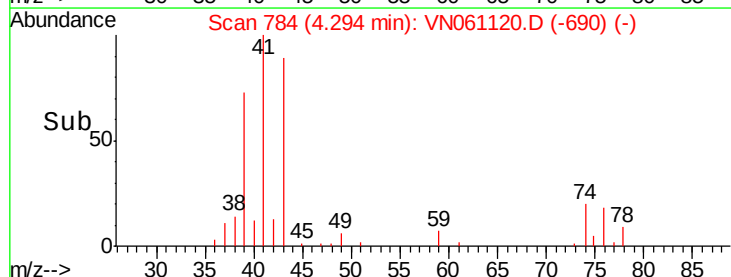
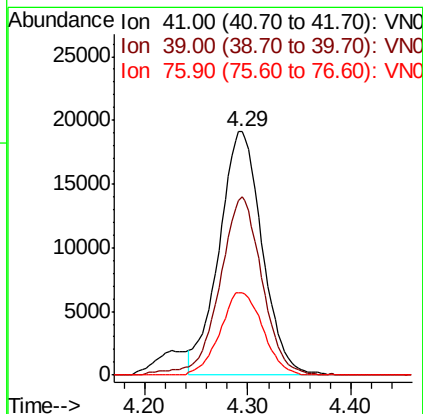
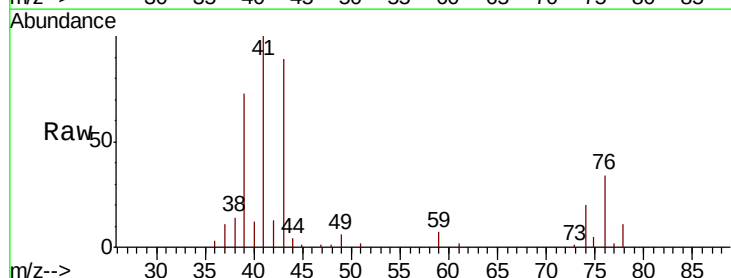
Tgt Ion: 41 Resp: 55483

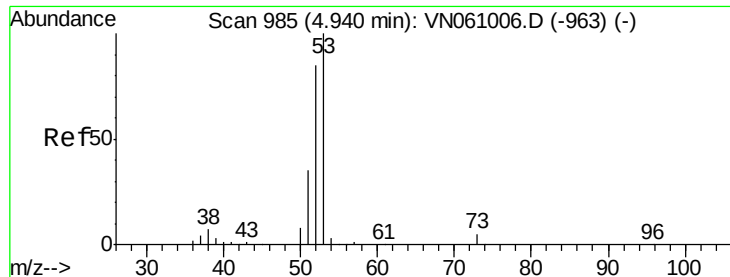
Ion Ratio Lower Upper

41 100

39 71.9 56.3 84.5

76 33.6 27.7 41.5





#15

Acrylonitrile

Concen: 103.355 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0420WBS02

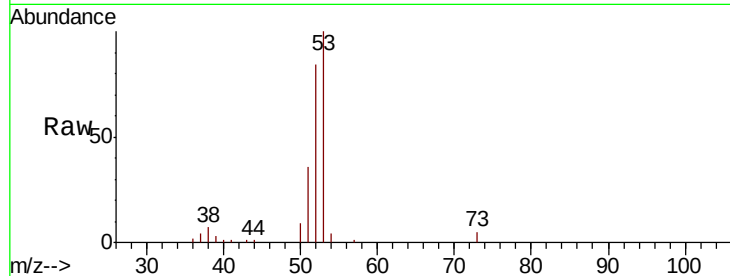
Tot Ion: 53 Resp: 91799

Ion Ratio Lower Upper

53 100

52 81.0 66.8 100.2

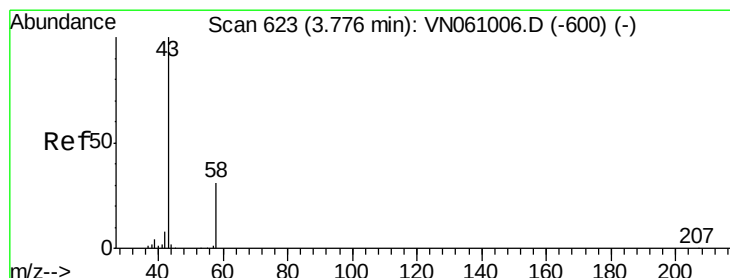
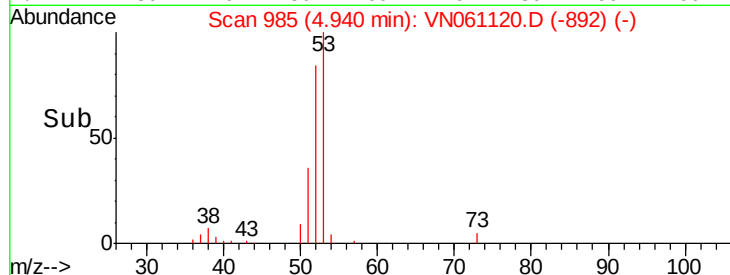
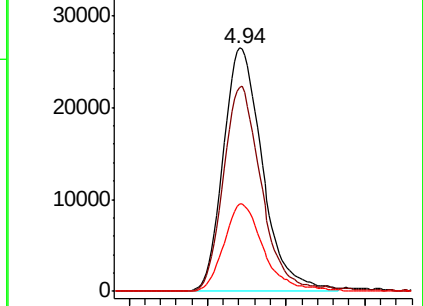
51 36.1 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 94.162 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN061120.D

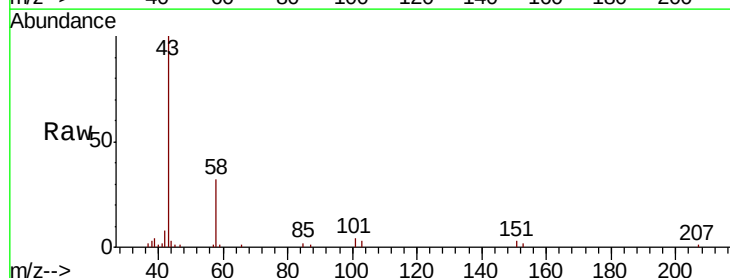
Acq: 20 Apr 2020 23:24

Tgt Ion: 43 Resp: 76520

Ion Ratio Lower Upper

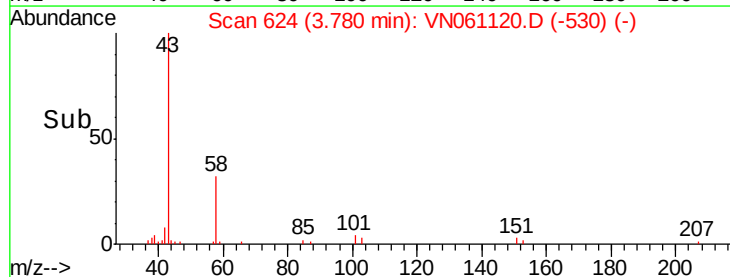
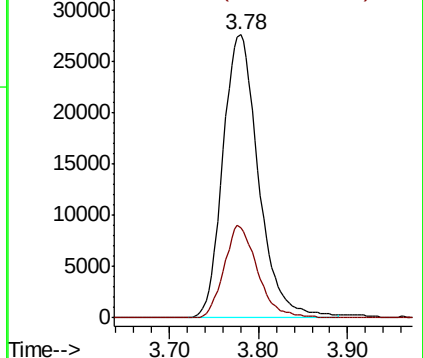
43 100

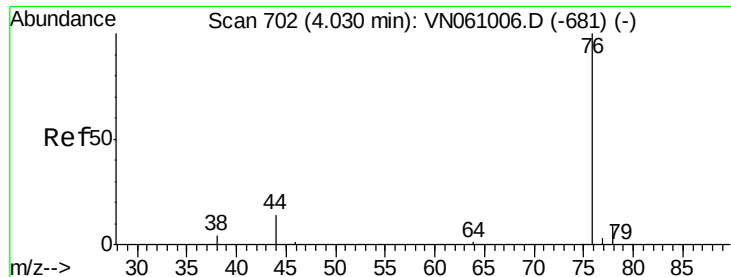
58 32.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.493 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

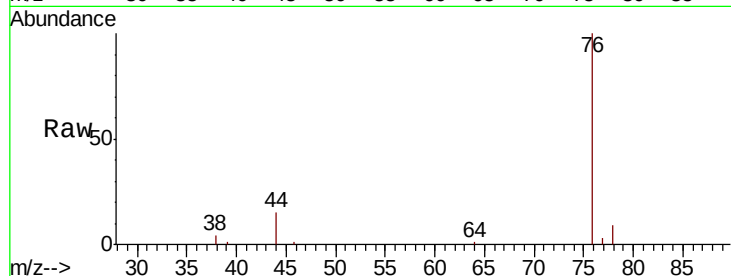
VN0420WBS02

Tot Ion: 76 Resp: 91380

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN061120.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN061120.D (-609) (-)

4.03

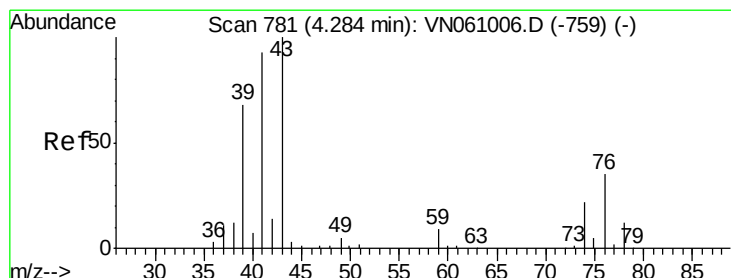
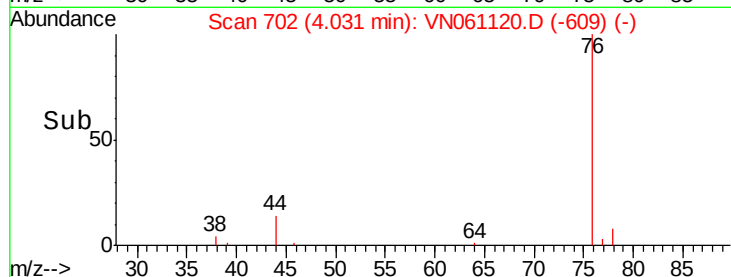
30000

20000

10000

0

Time--> 3.90 4.00 4.10



#18

Methyl Acetate

Concen: 21.368 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN061120.D

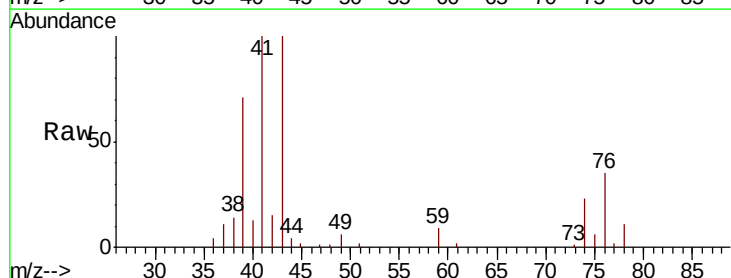
Acq: 20 Apr 2020 23:24

Tgt Ion: 43 Resp: 54450

Ion Ratio Lower Upper

43 100

74 21.0 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN061120.D (-688) (-)

Ion 74.00 (73.70 to 74.70): VN061120.D (-688) (-)

4.29

20000

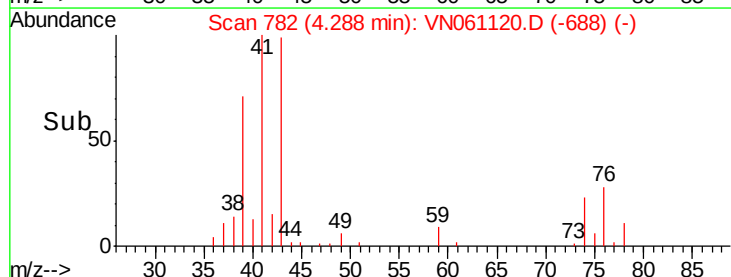
15000

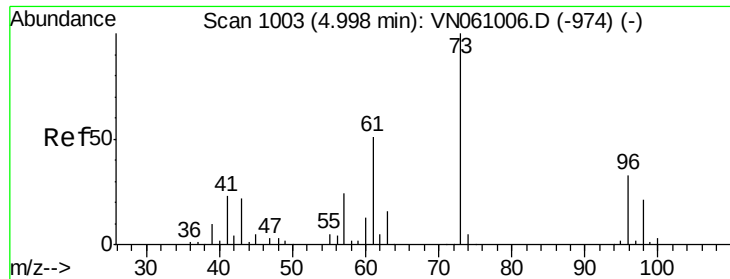
10000

5000

0

Time--> 4.20 4.30 4.40

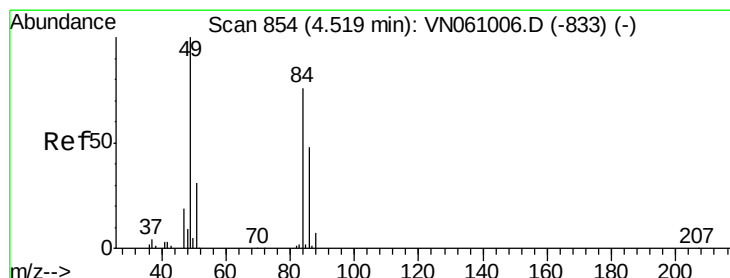
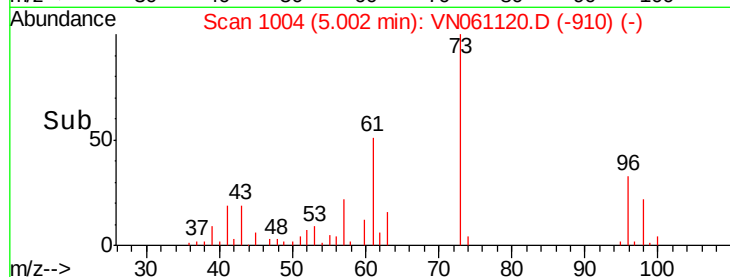
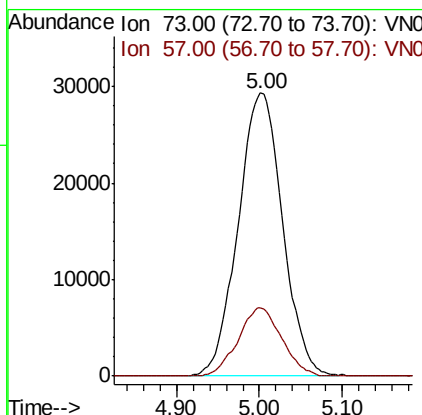
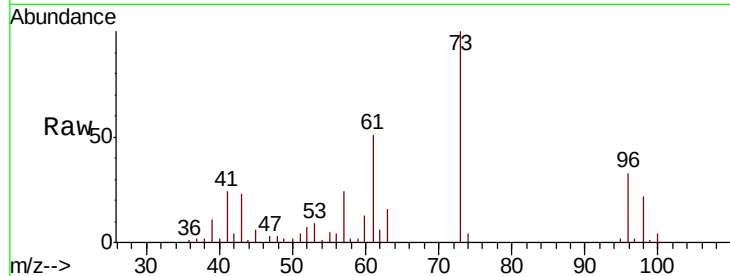




#19  
Methyl tert-butyl Ether  
Concen: 19.795 ug/l  
RT: 5.00 min Scan# 1004  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

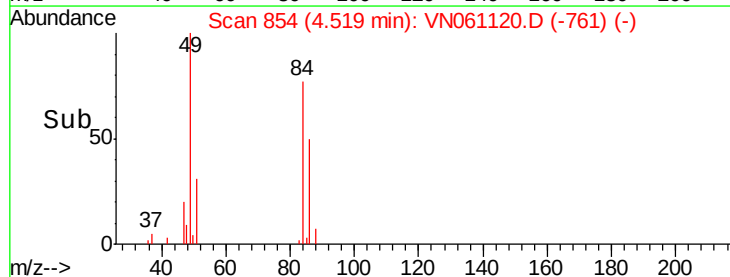
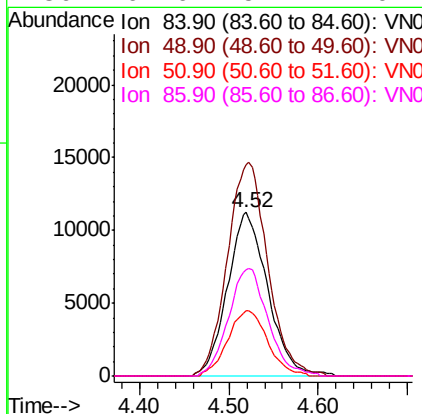
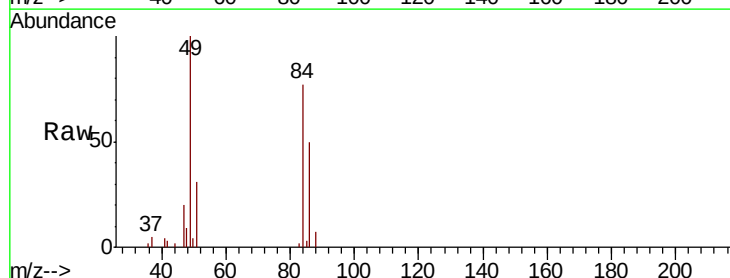
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBS02

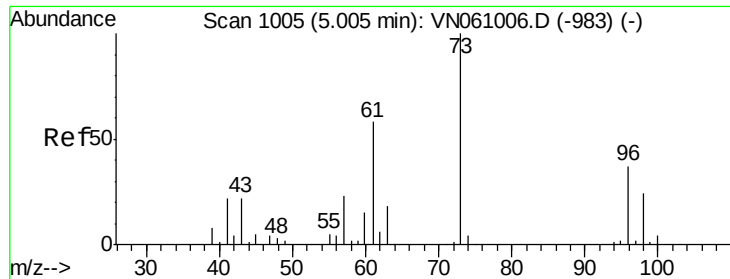
Tot Ion: 73 Resp: 108995  
Ion Ratio Lower Upper  
73 100  
57 24.2 19.0 28.4



#20  
Methylene Chloride  
Concen: 19.824 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion: 84 Resp: 35173  
Ion Ratio Lower Upper  
84 100  
49 129.3 105.8 158.6  
51 39.7 32.4 48.6  
86 64.6 51.1 76.7

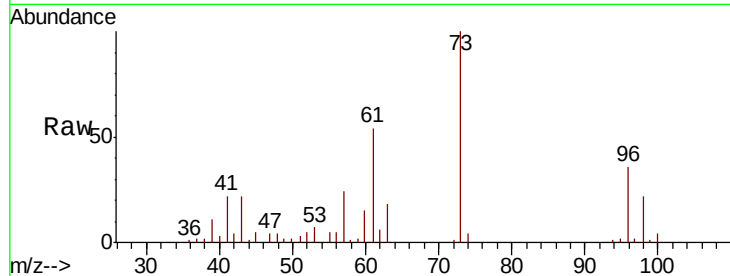




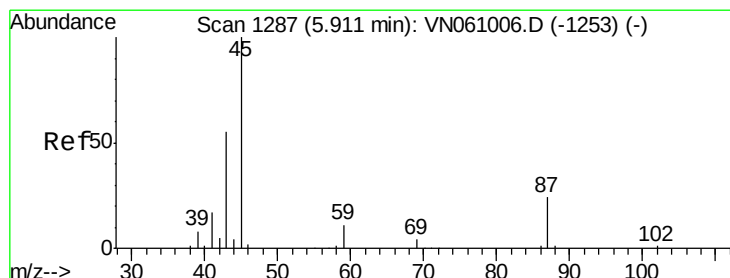
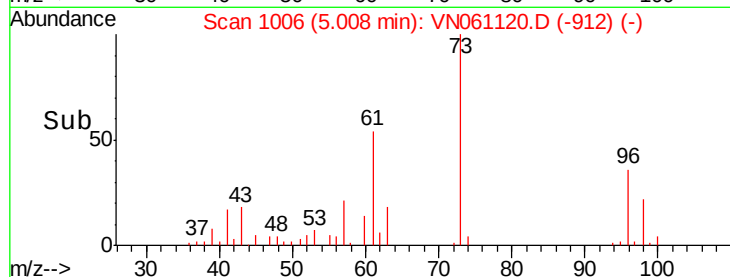
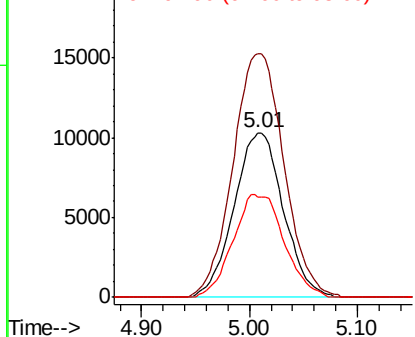
#21  
trans-1,2-Dichloroethene  
Concen: 19.400 ug/l  
RT: 5.01 min Scan# 1006  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBS02

Tot Ion: 96 Resp: 32766  
Ion Ratio Lower Upper  
96 100  
61 148.1 124.8 187.2  
98 61.4 51.3 76.9

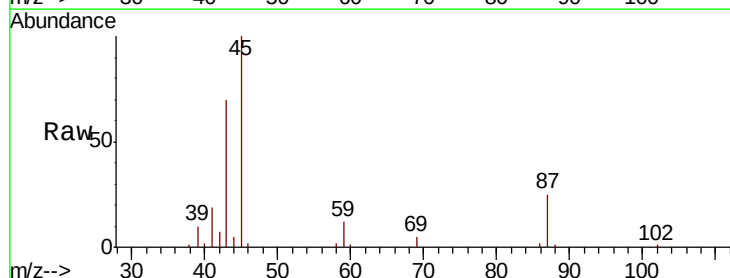


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

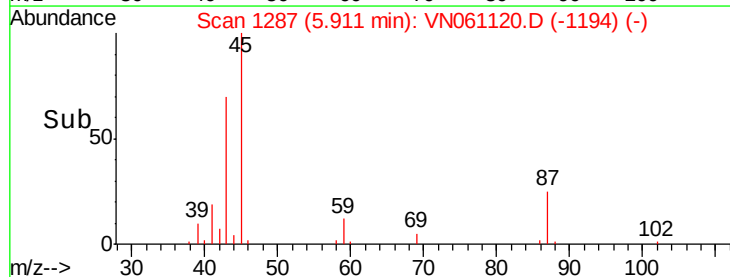
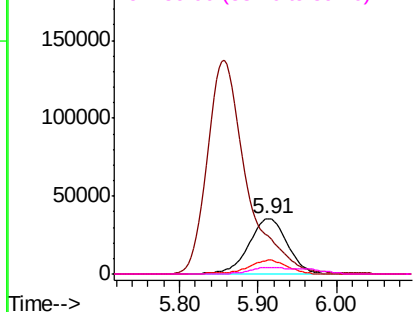


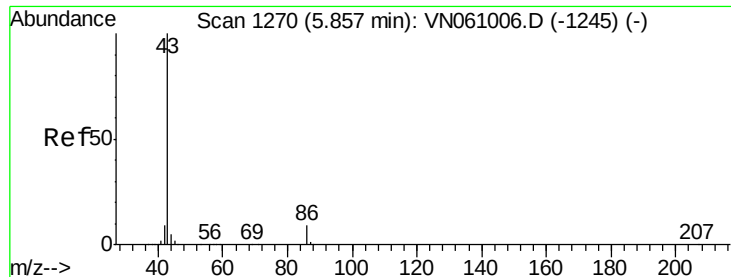
#22  
Diisopropyl ether  
Concen: 19.810 ug/l  
RT: 5.91 min Scan# 1287  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion: 45 Resp: 122927  
Ion Ratio Lower Upper  
45 100  
43 67.3 48.6 72.8  
87 25.2 19.4 29.2  
59 11.7 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0  
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 96.952 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

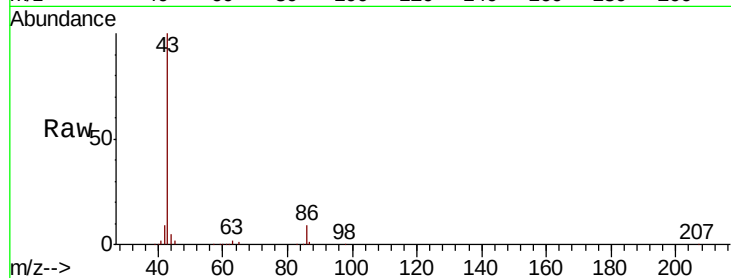
VN0420WBS02

Tot Ion: 43 Resp: 471784

Ion Ratio Lower Upper

43 100

86 9.3 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.86

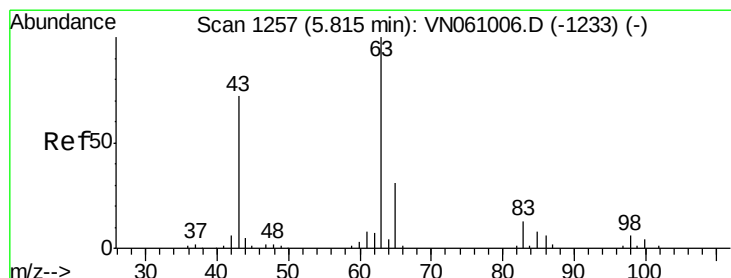
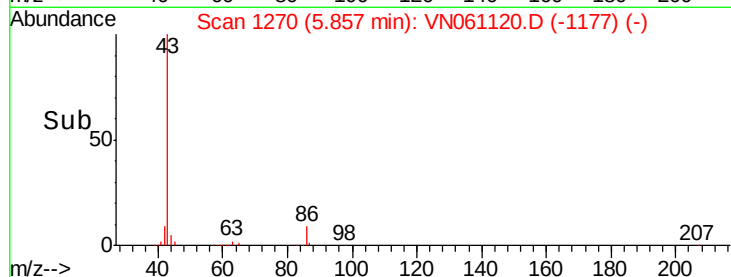
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.660 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

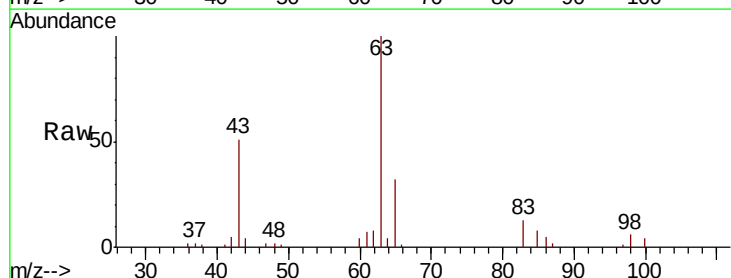
Tgt Ion: 63 Resp: 65891

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.82

25000

20000

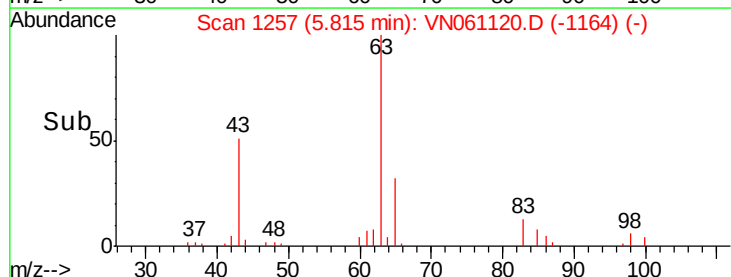
15000

10000

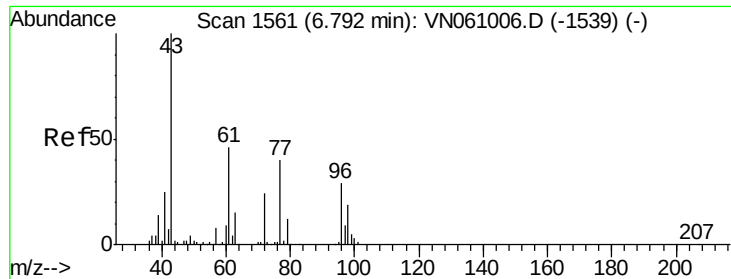
5000

0

Time-->



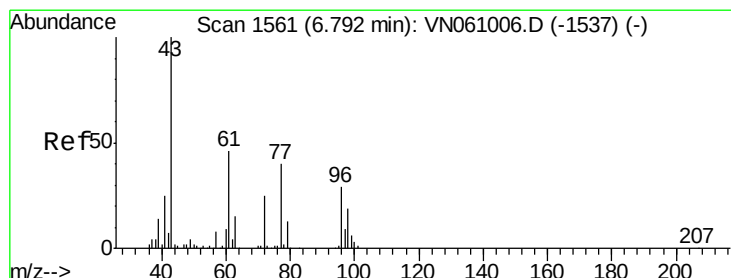
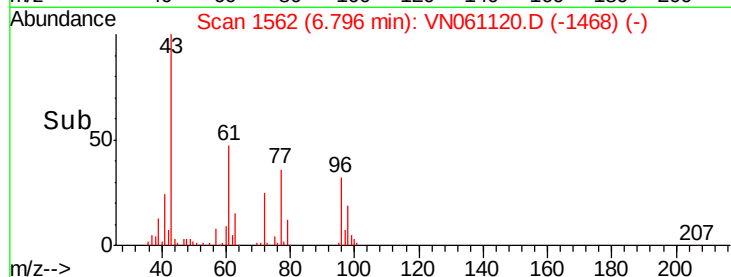
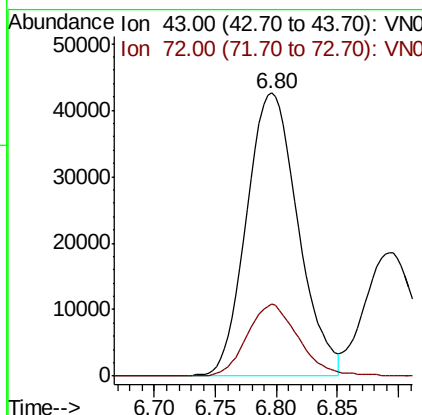
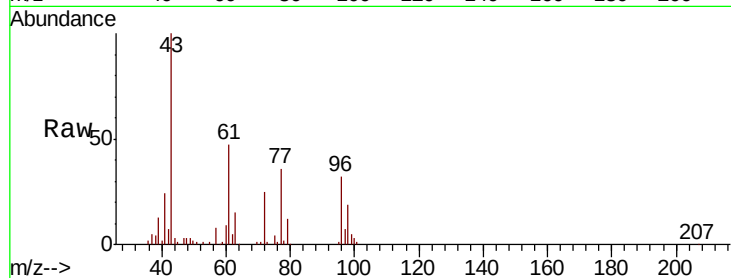




#25  
 2-Butanone  
 Concen: 100.218 ug/l  
 RT: 6.80 min Scan# 1562  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

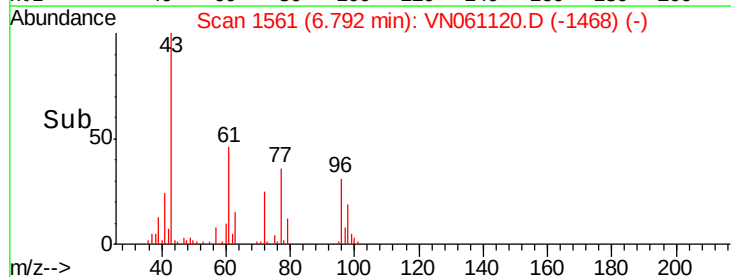
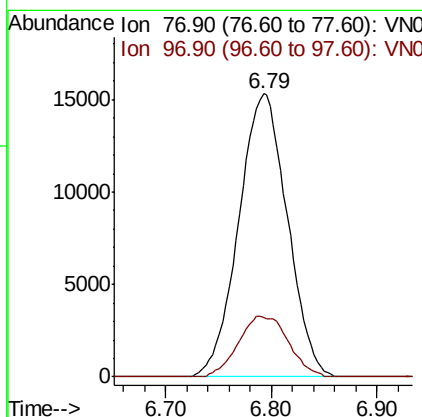
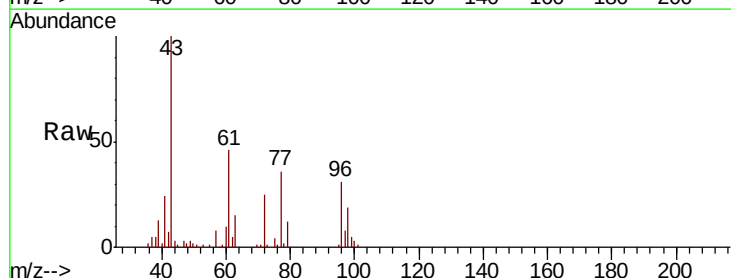
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBS02

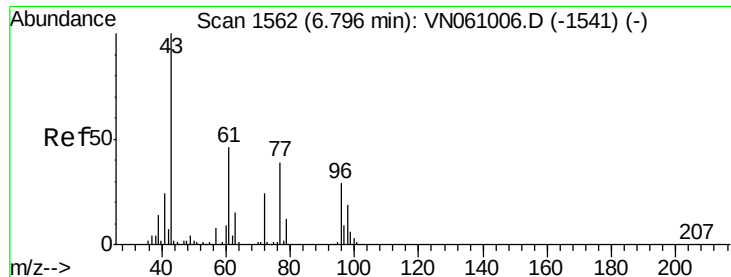
Tot Ion: 43 Resp: 124798  
 Ion Ratio Lower Upper  
 43 100  
 72 25.4 19.6 29.4



#26  
 2,2-Dichloropropane  
 Concen: 17.596 ug/l  
 RT: 6.79 min Scan# 1561  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Tgt Ion: 77 Resp: 49102  
 Ion Ratio Lower Upper  
 77 100  
 97 22.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.980 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampled :

VN0420WBS02

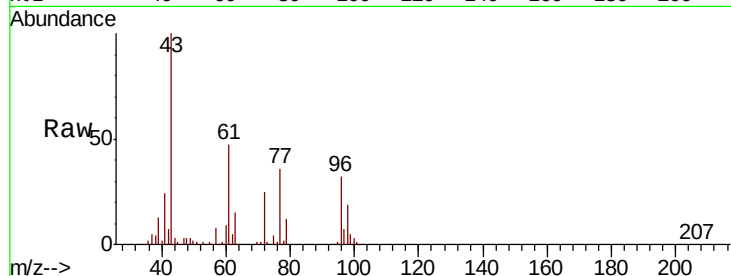
Tot Ion: 96 Resp: 38743

Ion Ratio Lower Upper

96 100

61 153.3 0.0 317.4

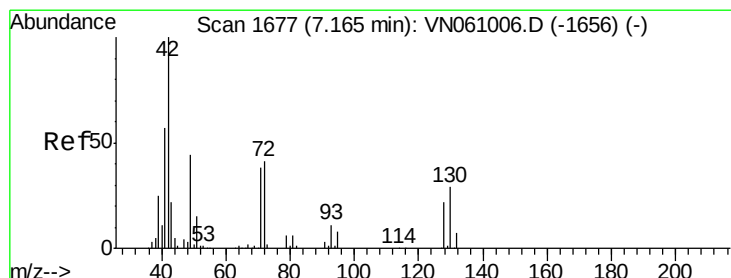
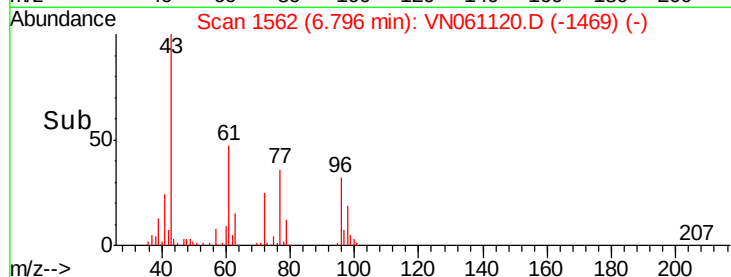
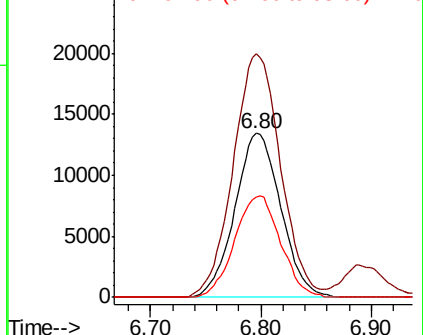
98 61.7 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN061120.D (-1469) (-)

Ion 60.90 (60.60 to 61.60): VN061120.D (-1469) (-)

Ion 97.90 (97.60 to 98.60): VN061120.D (-1469) (-)



#28

Bromochloromethane

Concen: 20.562 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

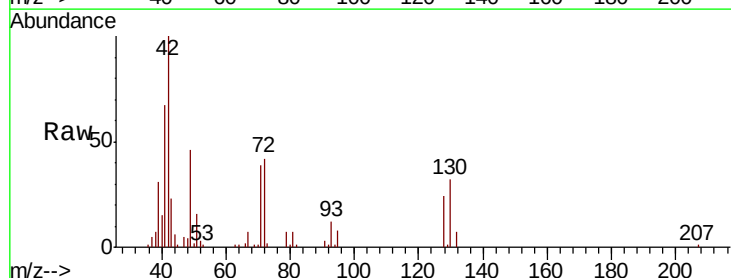
Tgt Ion: 49 Resp: 31633

Ion Ratio Lower Upper

49 100

129 0.5 0.0 3.0

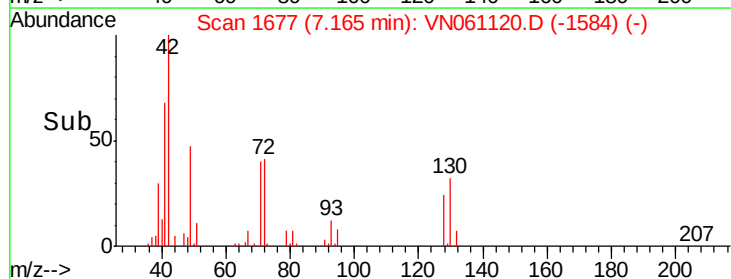
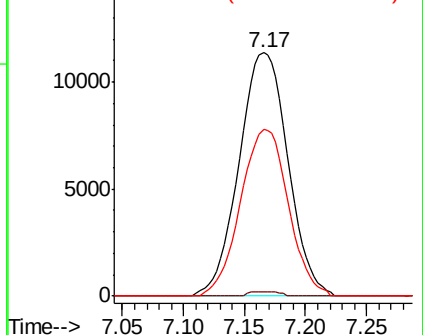
130 67.0 52.9 79.3

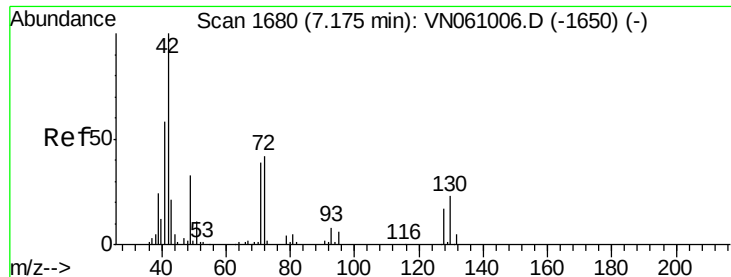


Abundance Ion 48.90 (48.60 to 49.60): VN061120.D (-1584) (-)

Ion 128.80 (128.50 to 129.50): VN061120.D (-1584) (-)

Ion 129.80 (129.50 to 130.50): VN061120.D (-1584) (-)

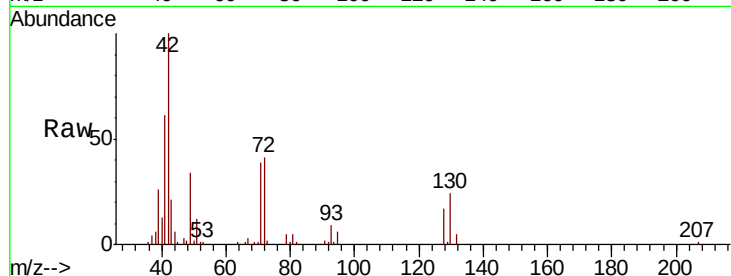




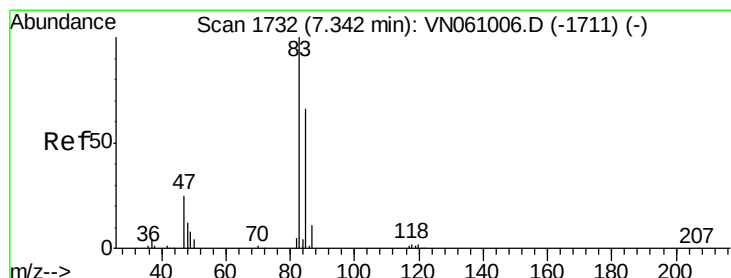
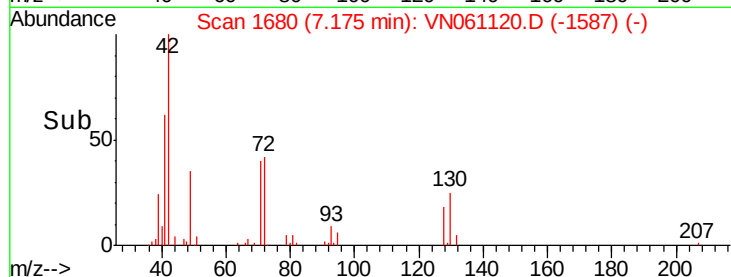
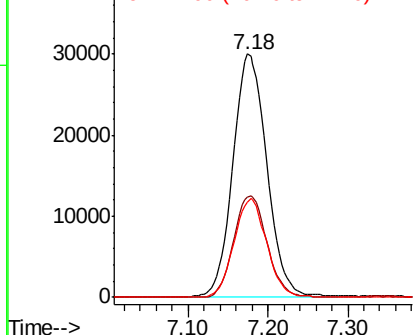
#29  
Tetrahydrofuran  
Concen: 102.404 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBS02

Tot Ion: 42 Resp: 86572  
Ion Ratio Lower Upper  
42 100  
72 40.6 32.1 48.1  
71 38.8 30.5 45.7

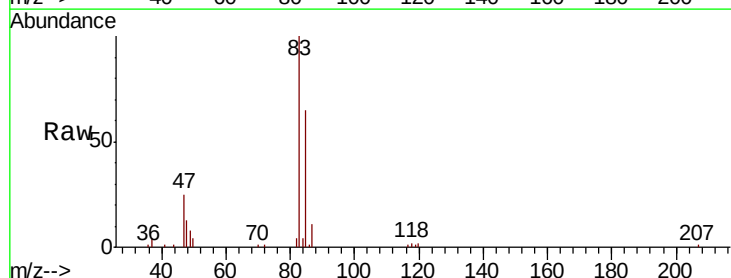


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

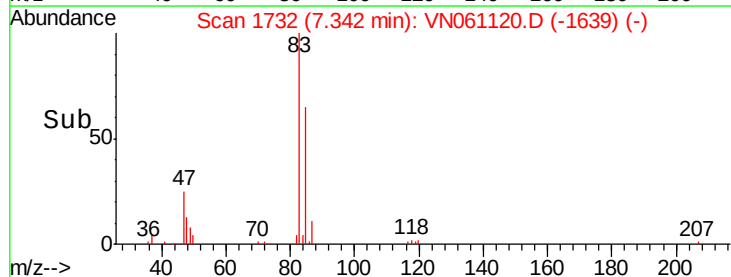
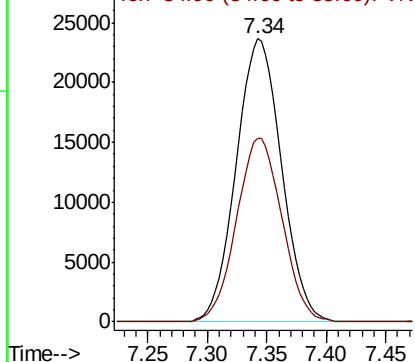


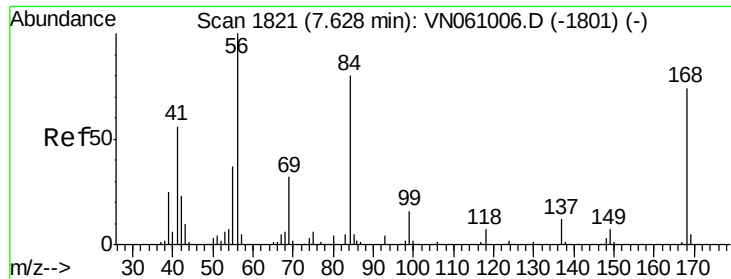
#30  
Chloroform  
Concen: 19.980 ug/l  
RT: 7.34 min Scan# 1732  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion: 83 Resp: 62460  
Ion Ratio Lower Upper  
83 100  
85 65.1 52.8 79.2



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

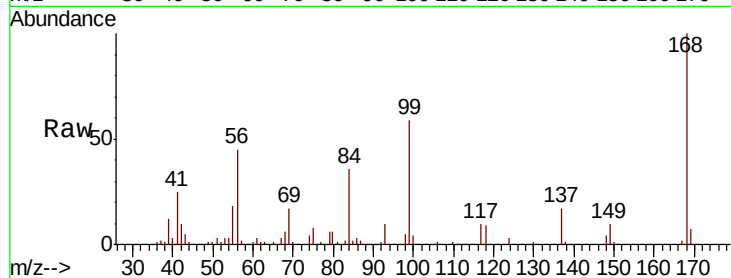




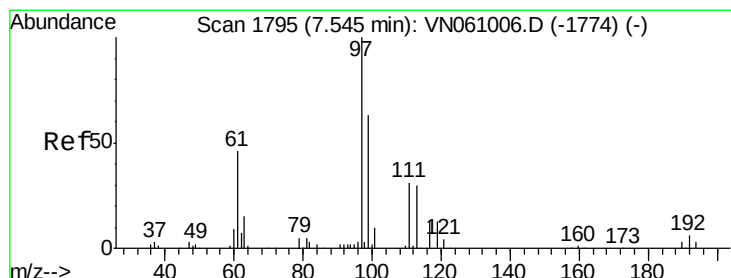
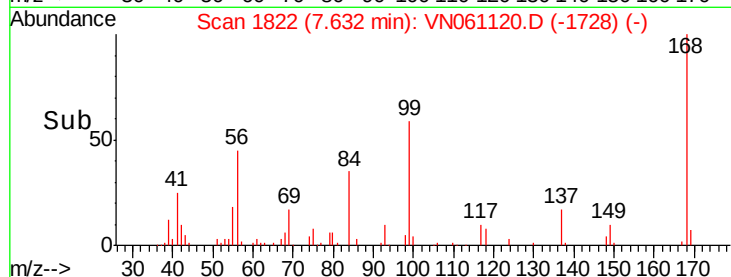
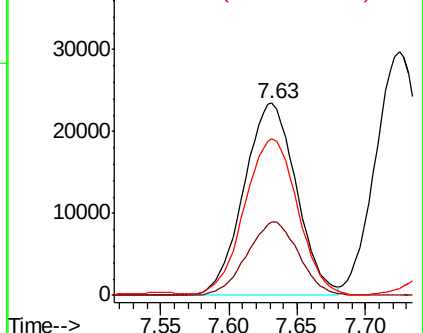
#31  
Cyclohexane  
Concen: 18.238 ug/l  
RT: 7.63 min Scan# 1822  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBS02

Tot Ion: 56 Resp: 62725  
Ion Ratio Lower Upper  
56 100  
69 38.0 25.6 38.4  
84 80.6 63.4 95.2

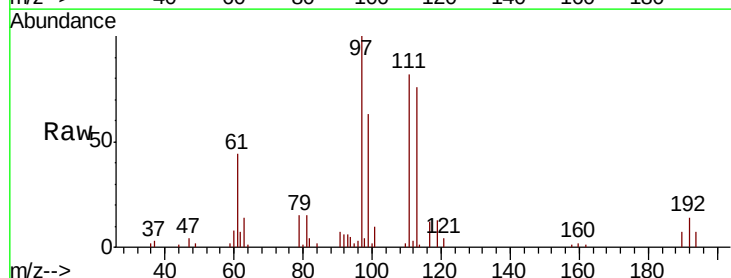


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

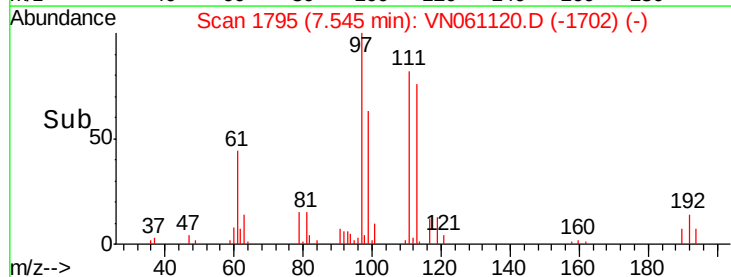
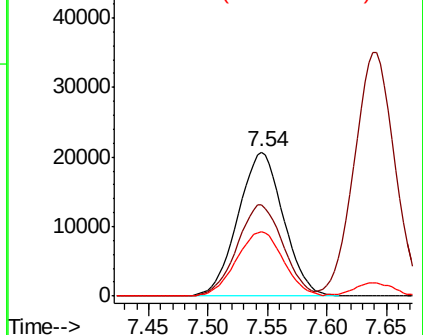


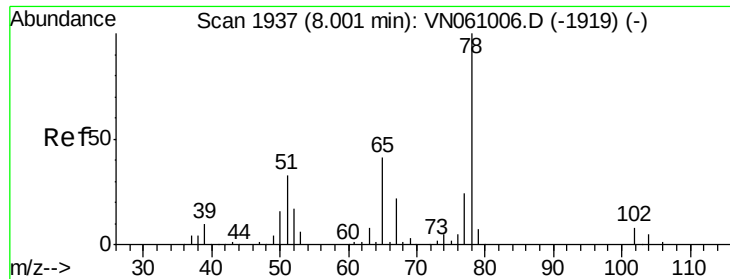
#32  
1,1,1-Trichloroethane  
Concen: 20.259 ug/l  
RT: 7.54 min Scan# 1795  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion: 97 Resp: 54779  
Ion Ratio Lower Upper  
97 100  
99 63.6 51.0 76.4  
61 46.2 37.0 55.6



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

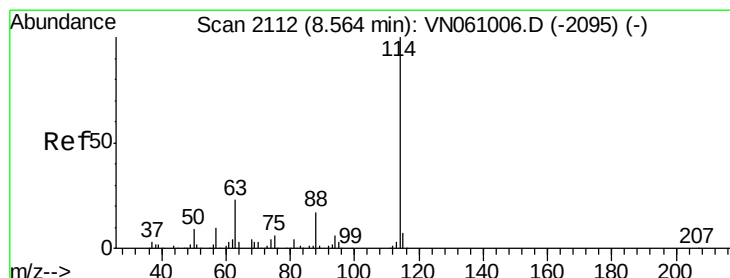
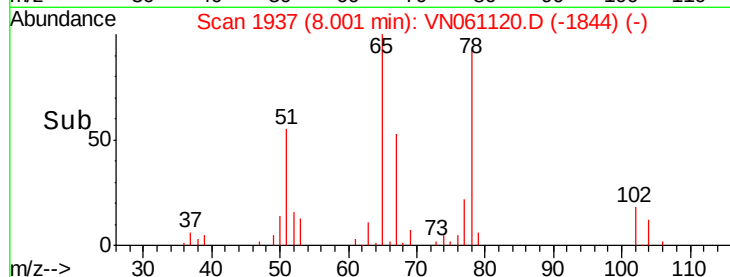
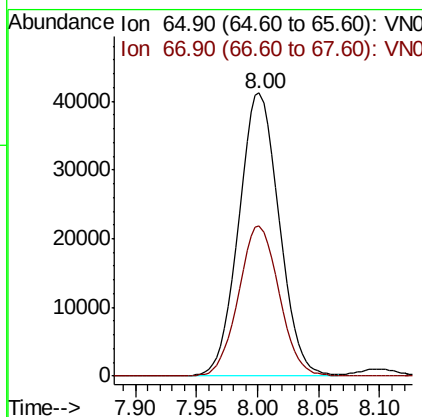
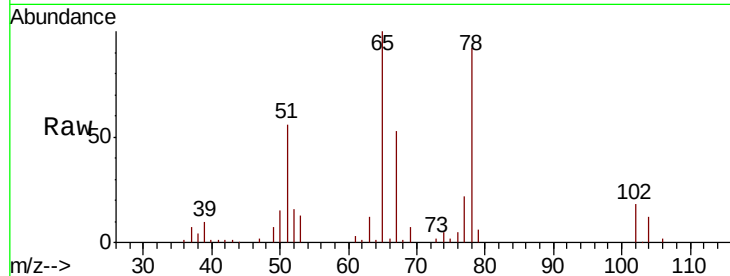




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.231 ug/l  
 RT: 8.00 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

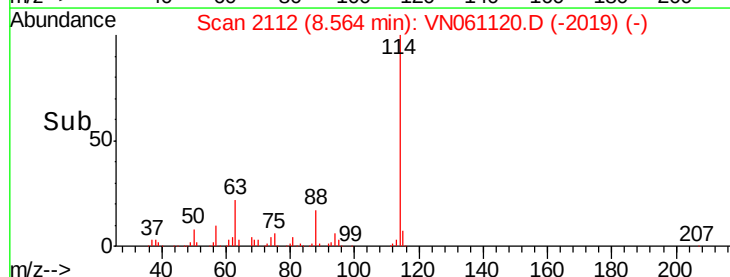
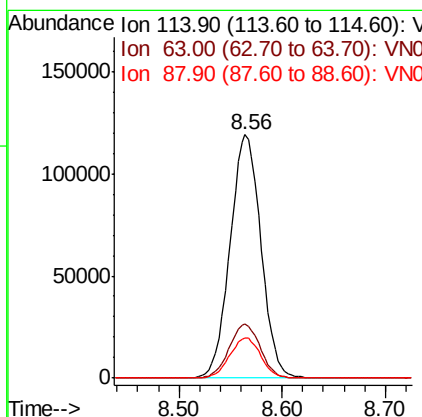
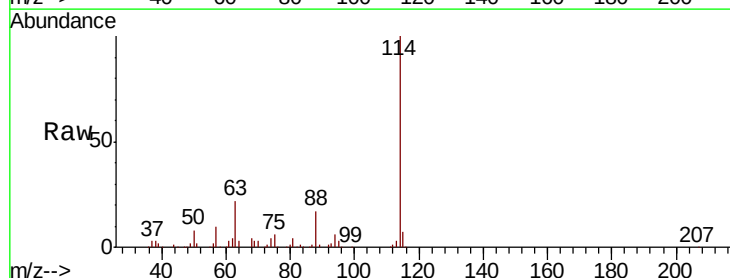
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBS02

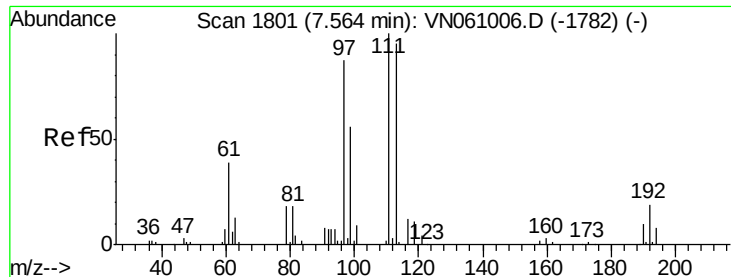
Tot Ion: 65 Resp: 94587  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 107.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.56 min Scan# 2112  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Tgt Ion: 114 Resp: 248618  
 Ion Ratio Lower Upper  
 114 100  
 63 22.2 0.0 46.2  
 88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.382 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0420WBS02

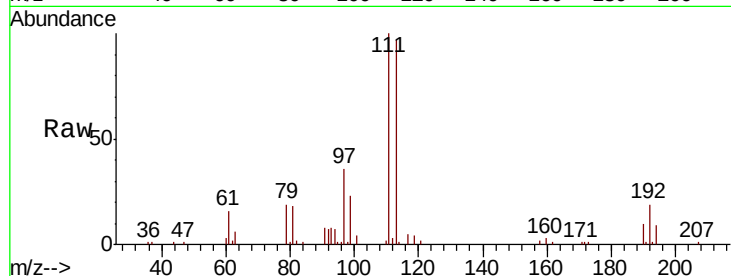
Tot Ion:113 Resp: 73149

Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

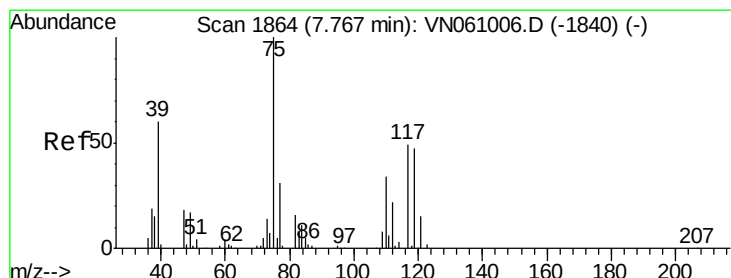
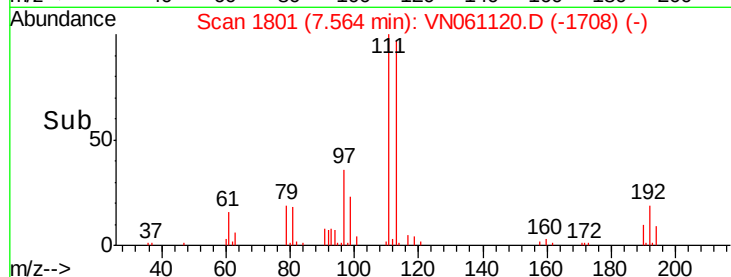
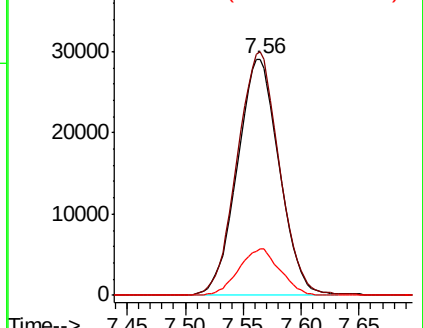
192 19.3 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.823 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

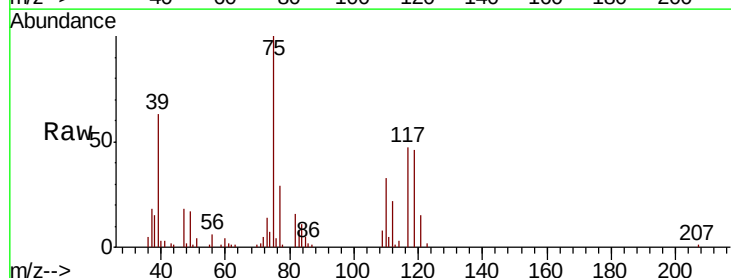
Tgt Ion: 75 Resp: 48291

Ion Ratio Lower Upper

75 100

110 32.5 16.8 50.3

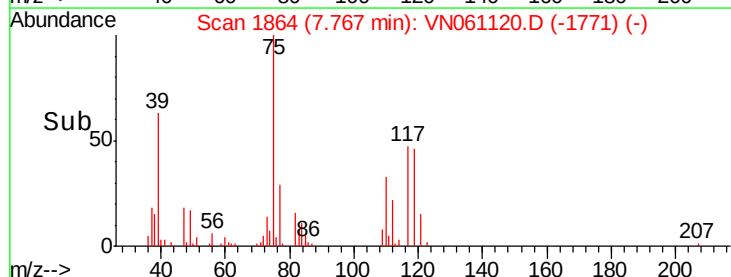
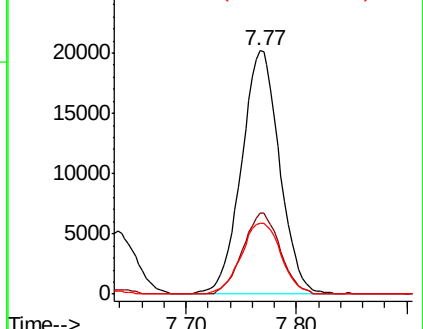
77 30.6 24.7 37.1

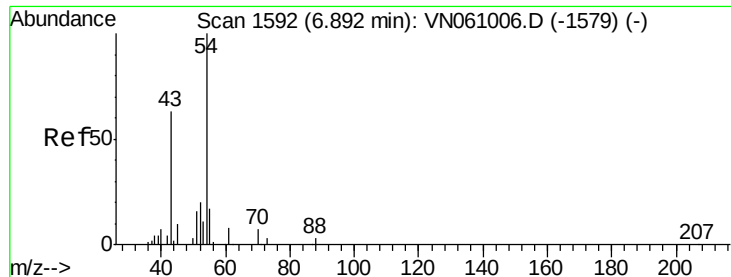


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

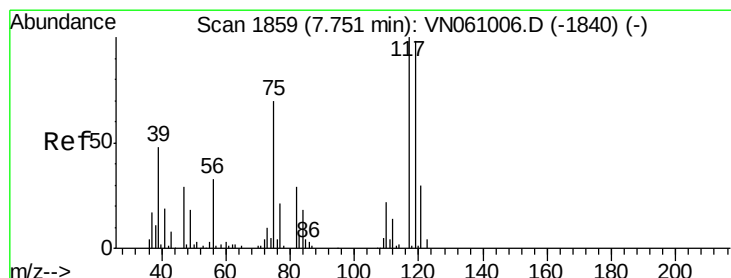
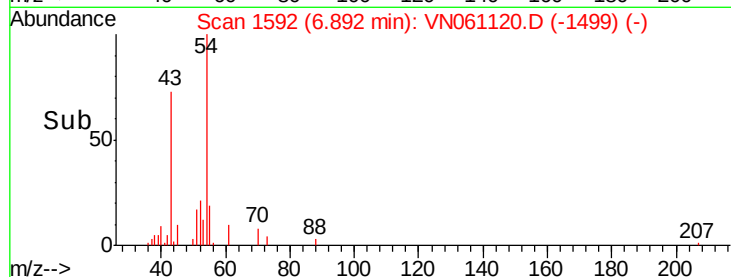
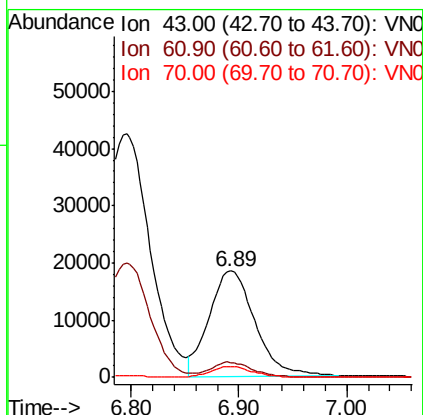
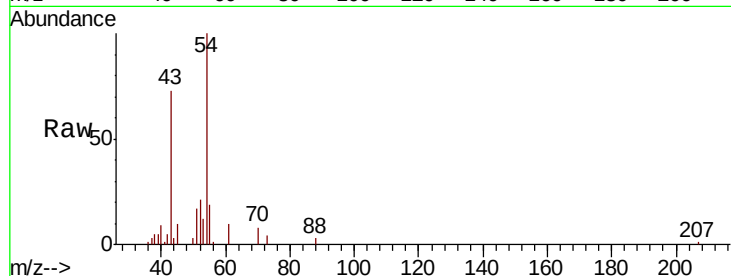




#37  
Ethyl Acetate  
Concen: 19.481 ug/l  
RT: 6.89 min Scan# 1592  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

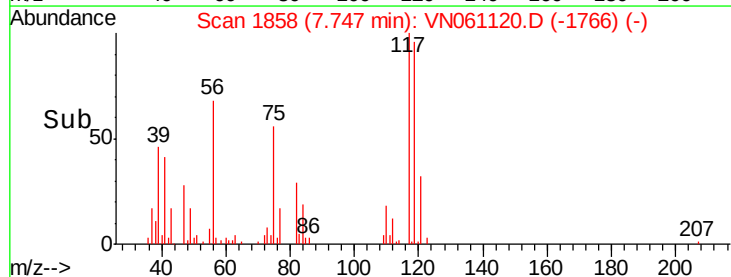
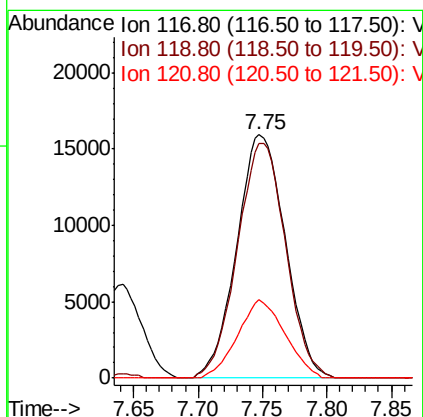
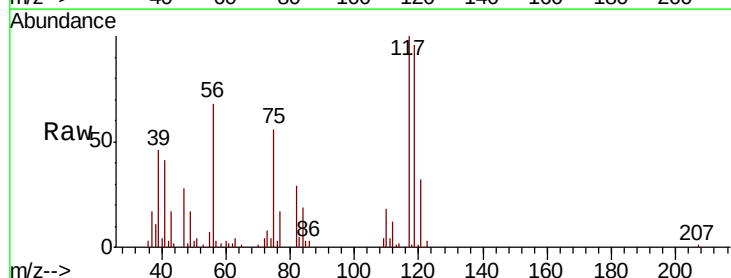
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0420WBS02

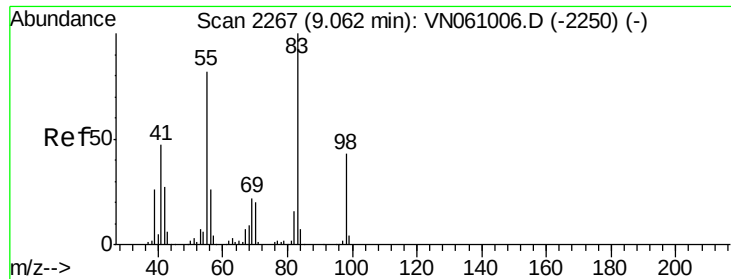
Tot Ion: 43 Resp: 54268  
Ion Ratio Lower Upper  
43 100  
61 13.3 10.9 16.3  
70 9.3 7.7 11.5



#38  
Carbon Tetrachloride  
Concen: 19.539 ug/l  
RT: 7.75 min Scan# 1858  
Delta R.T. -0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion: 117 Resp: 41724  
Ion Ratio Lower Upper  
117 100  
119 96.3 78.1 117.1  
121 32.0 24.0 36.0

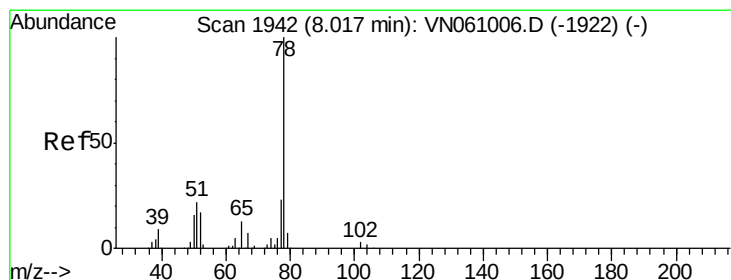
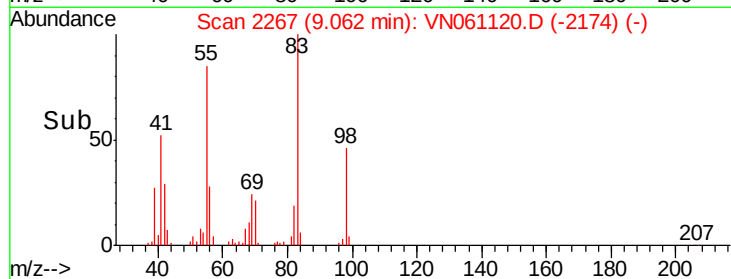
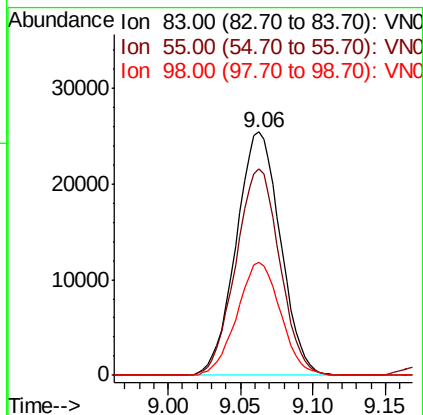
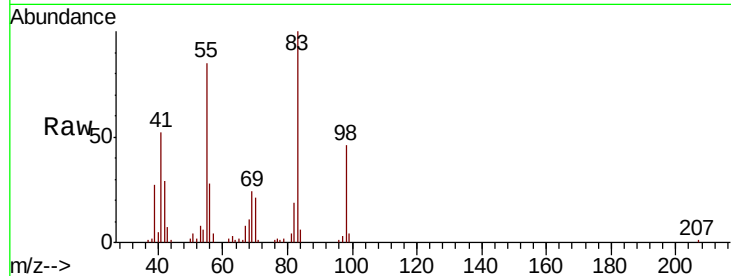




#39  
Methylvlcyclohexane  
Concen: 17.594 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

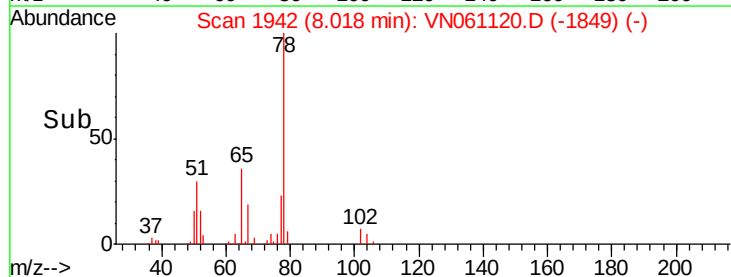
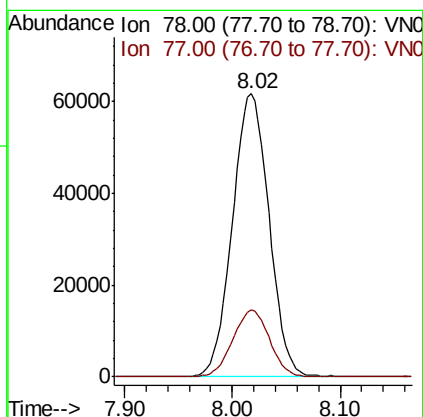
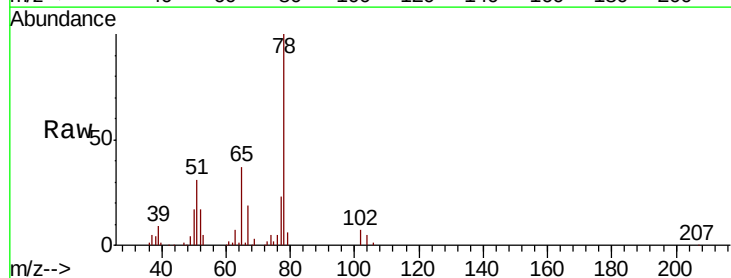
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBS02

Tot Ion: 83 Resp: 53963  
Ion Ratio Lower Upper  
83 100  
55 85.0 65.4 98.0  
98 46.4 34.6 51.8

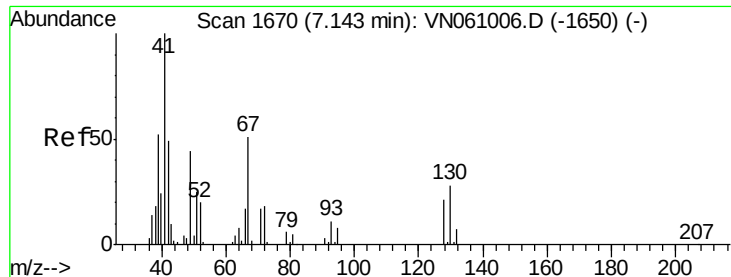


#40  
Benzene  
Concen: 19.159 ug/l  
RT: 8.02 min Scan# 1942  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion: 78 Resp: 145821  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.8 28.2



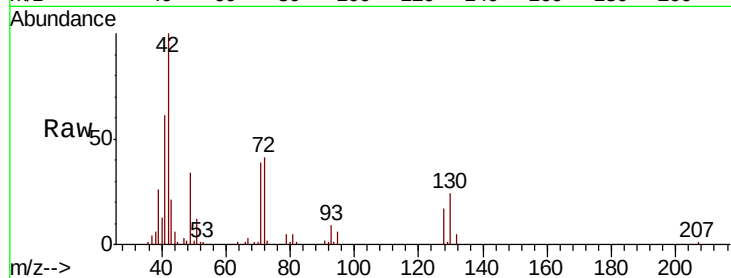




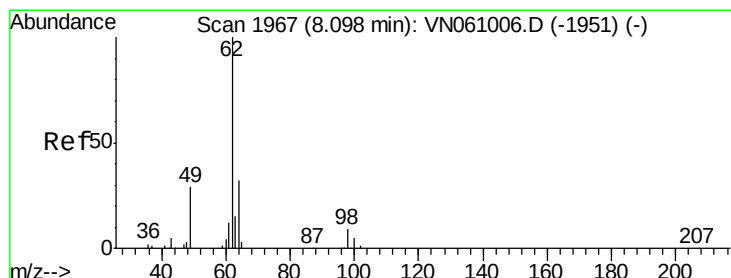
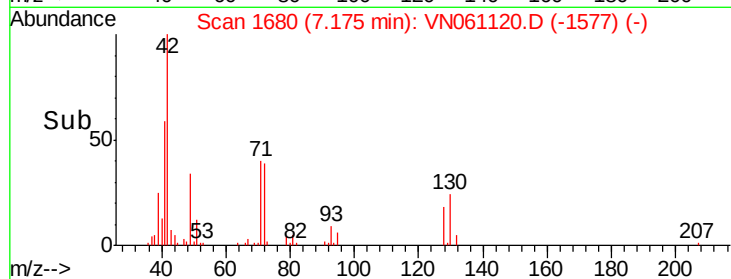
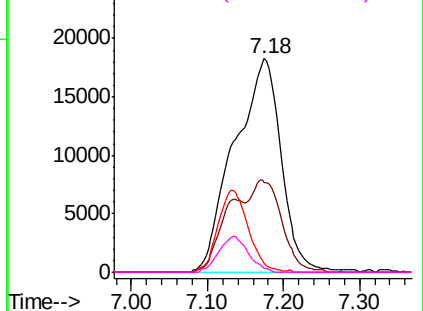
#41  
Methacrylonitrile  
Concen: 67.221 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.03 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0420WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 78106 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |

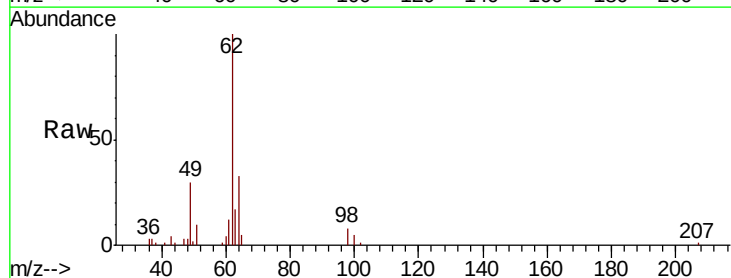


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

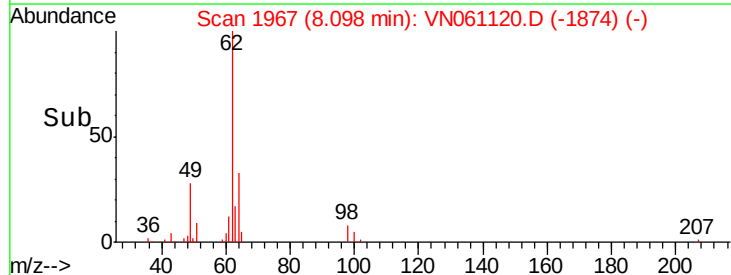
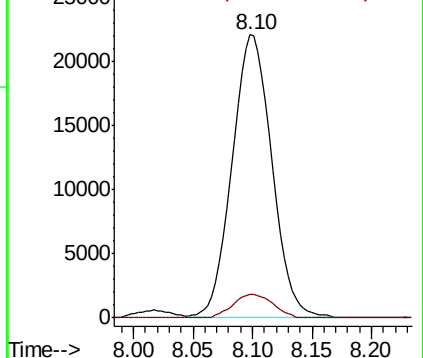


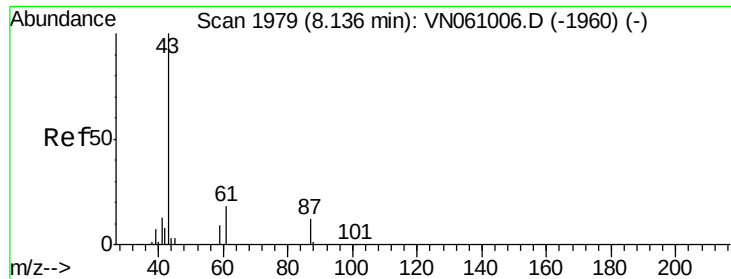
#42  
1,2-Dichloroethane  
Concen: 19.720 ug/l  
RT: 8.10 min Scan# 1967  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 51130 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.3   | 0.0   | 17.2  |



Abundance Ion 61.90 (61.60 to 62.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.462 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0420WBS02

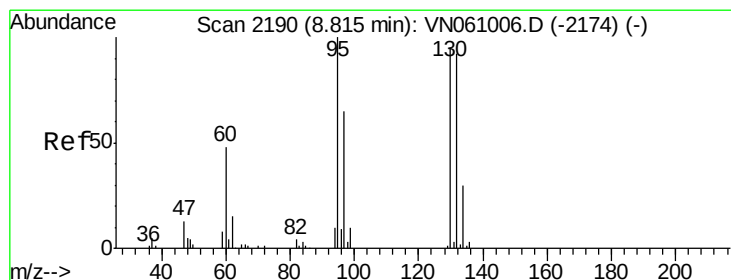
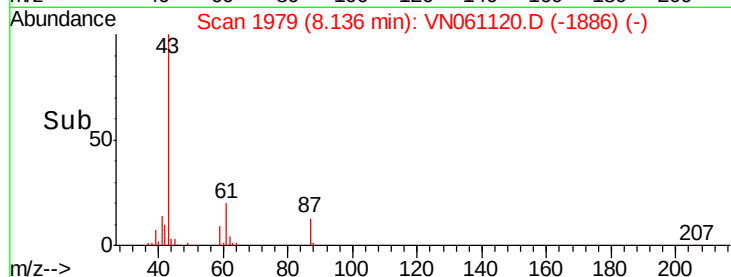
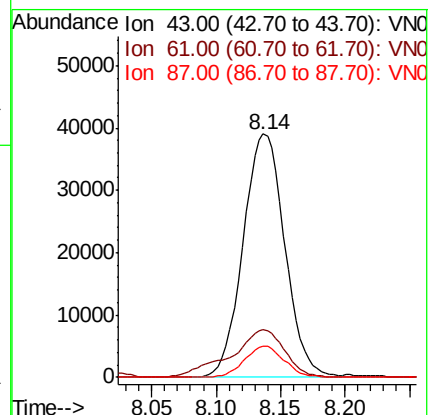
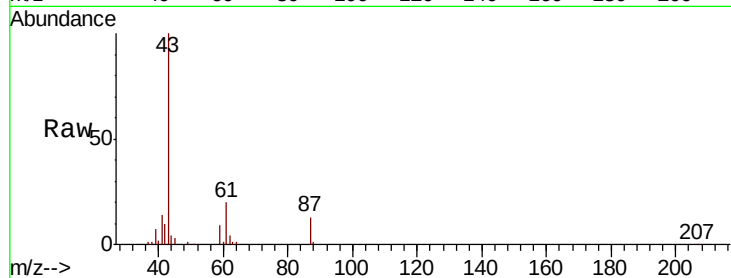
Tot Ion: 43 Resp: 88177

Ion Ratio Lower Upper

43 100

61 25.3 20.3 30.5

87 12.0 9.4 14.2



#44

Trichloroethene

Concen: 18.916 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061120.D

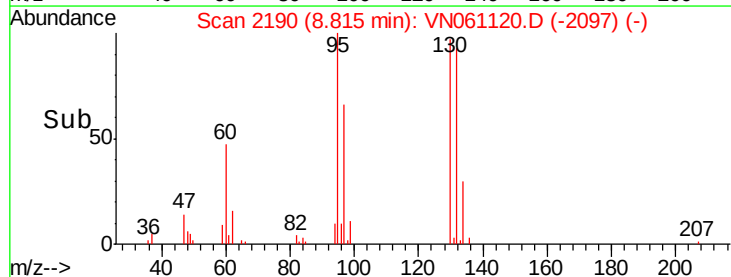
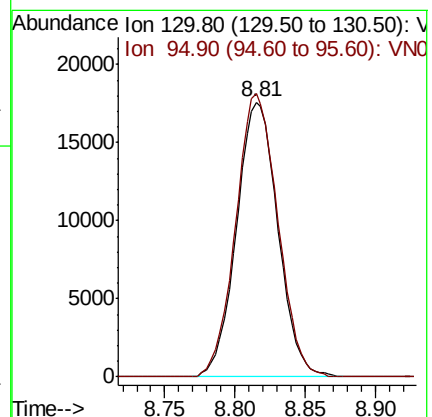
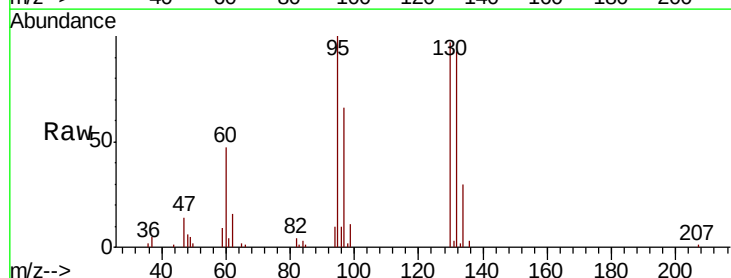
Acq: 20 Apr 2020 23:24

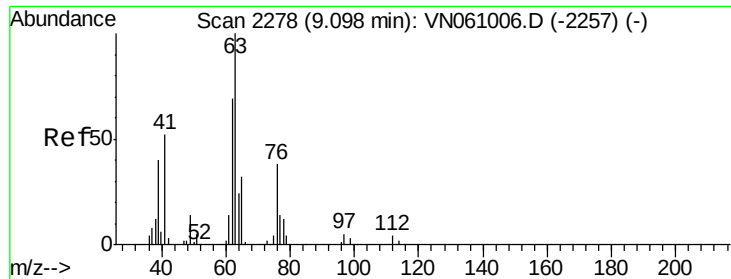
Tgt Ion: 130 Resp: 36176

Ion Ratio Lower Upper

130 100

95 103.1 0.0 210.0





#45

1,2-Dichloropropane

Concen: 19.166 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

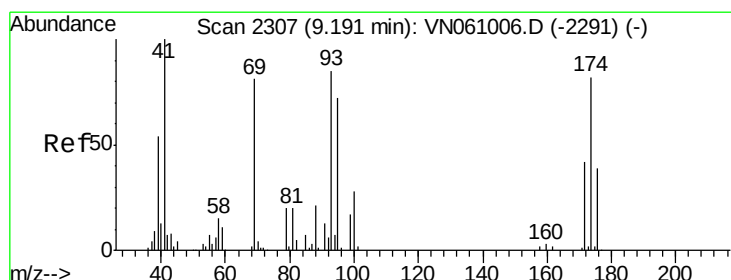
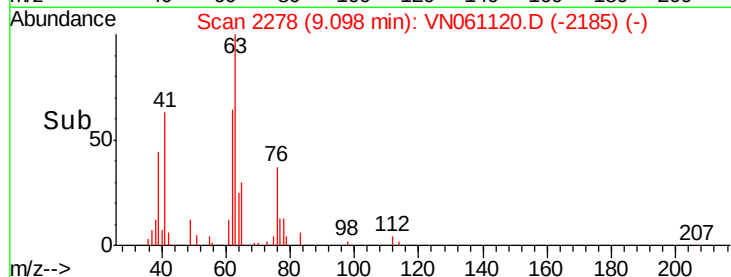
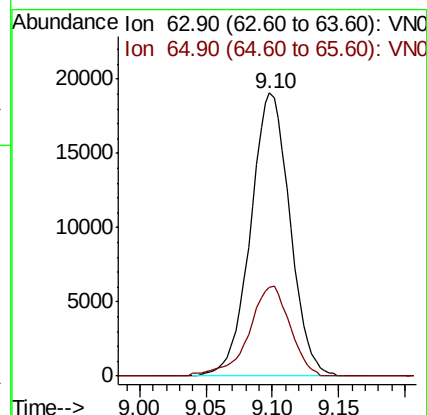
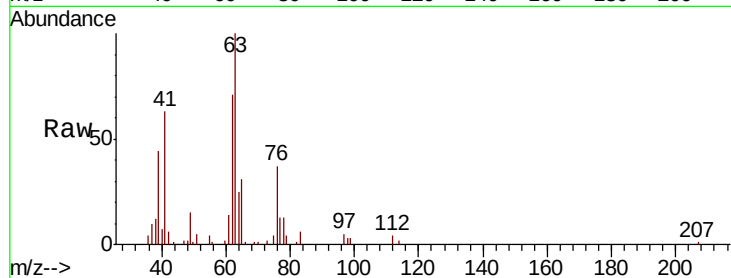
VN0420WBS02

Tot Ion: 63 Resp: 39401

Ion Ratio Lower Upper

63 100

65 31.5 25.2 37.8



#46

Dibromomethane

Concen: 20.143 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

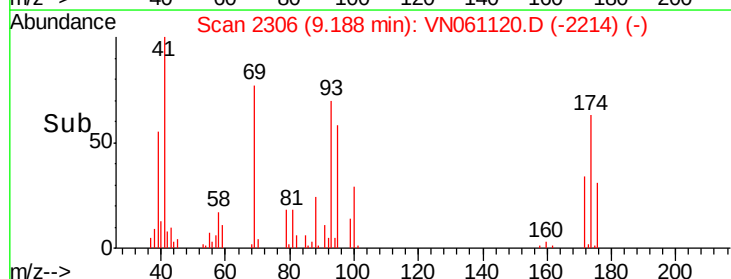
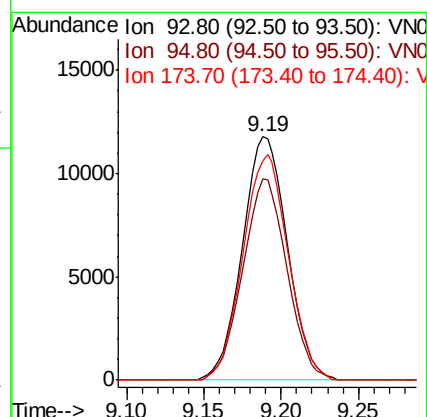
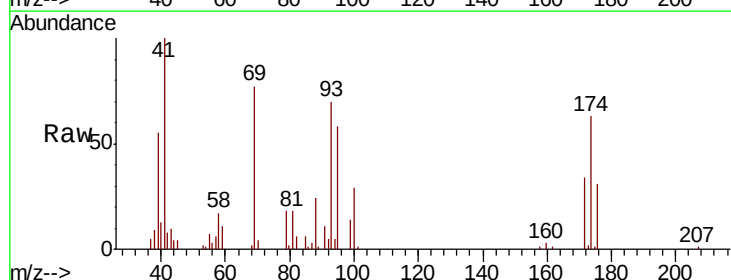
Tgt Ion: 93 Resp: 23875

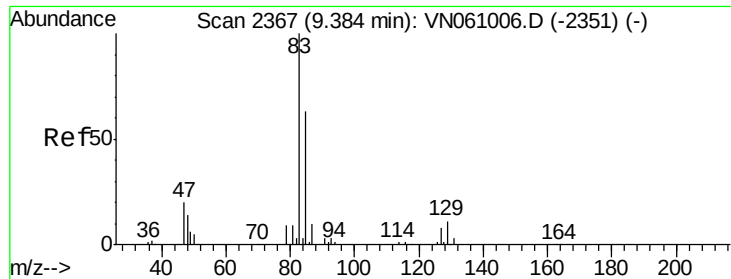
Ion Ratio Lower Upper

93 100

95 81.4 66.8 100.2

174 93.3 76.2 114.4

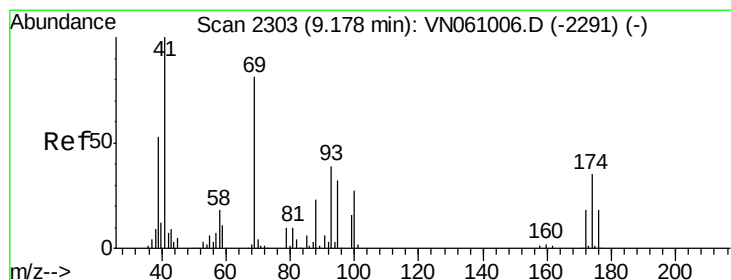
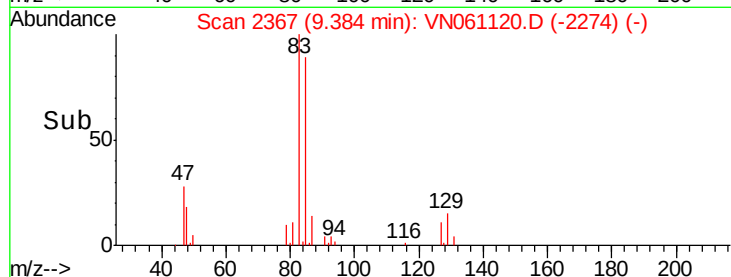
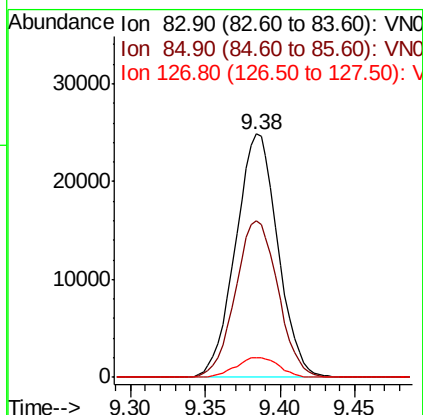
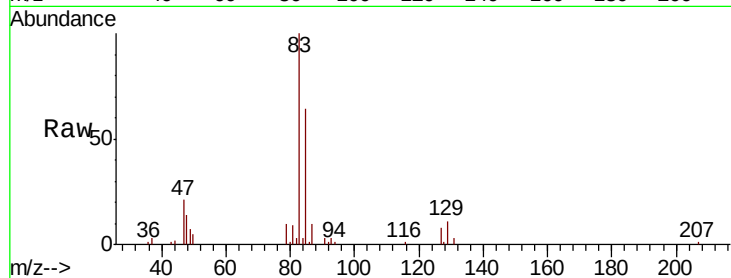




#47  
Bromodichloromethane  
Concen: 19.497 ug/l  
RT: 9.38 min Scan# 2367  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

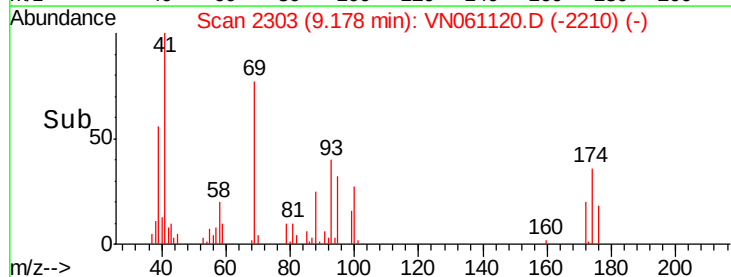
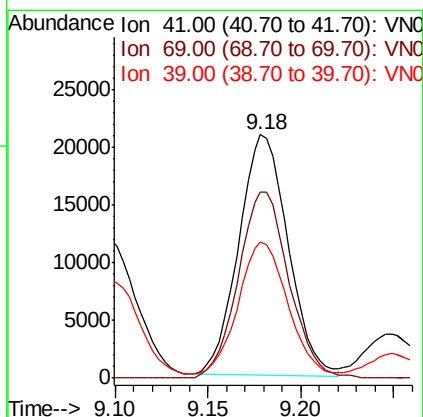
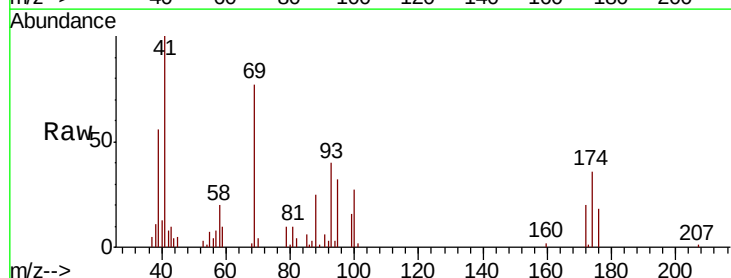
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBS02

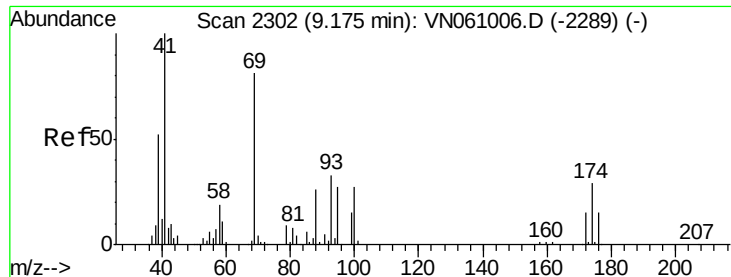
Tot Ion: 83 Resp: 48819  
Ion Ratio Lower Upper  
83 100  
85 64.5 50.6 76.0  
127 8.2 6.1 9.1



#48  
Methyl methacrylate  
Concen: 19.370 ug/l  
RT: 9.18 min Scan# 2303  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion: 41 Resp: 38783  
Ion Ratio Lower Upper  
41 100  
69 79.2 65.3 97.9  
39 55.0 45.2 67.8

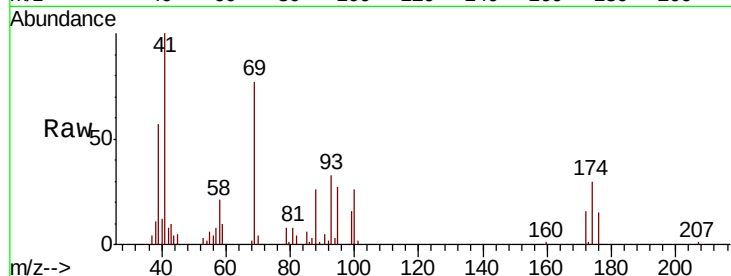




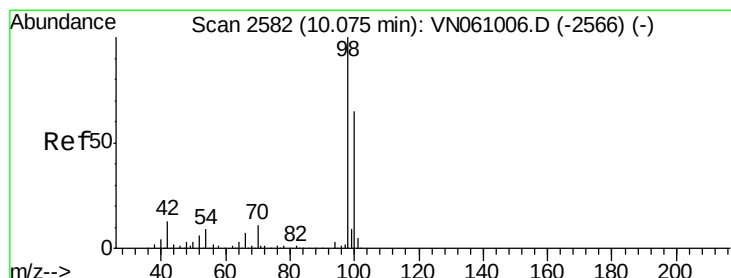
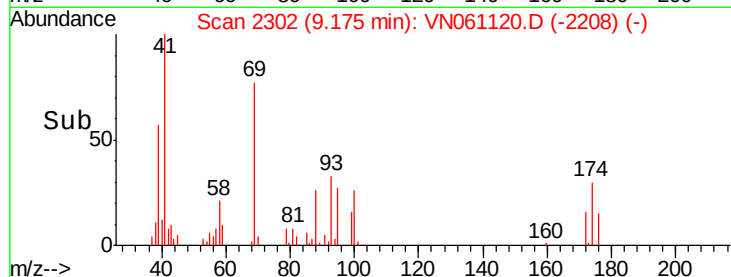
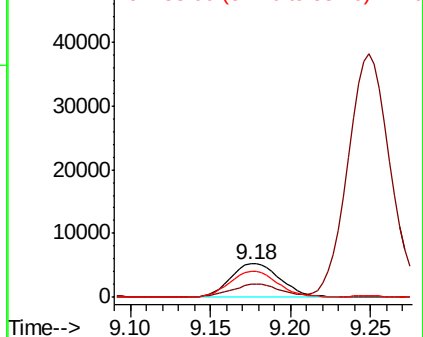
#49  
 1,4-Dioxane  
 Concen: 410.147 ug/l  
 RT: 9.18 min Scan# 2302  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBS02

Tot Ion: 88 Resp: 11174  
 Ion Ratio Lower Upper  
 88 100  
 43 38.4 30.9 46.3  
 58 75.4 59.8 89.8

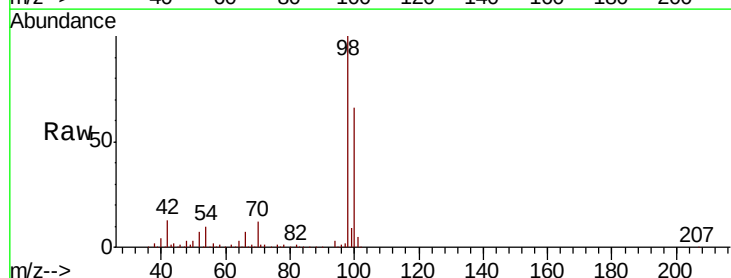


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

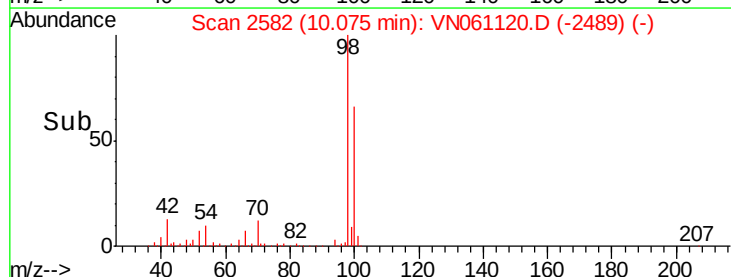
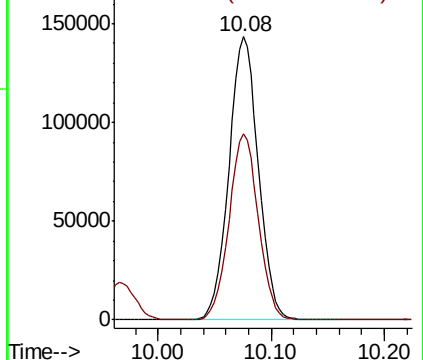


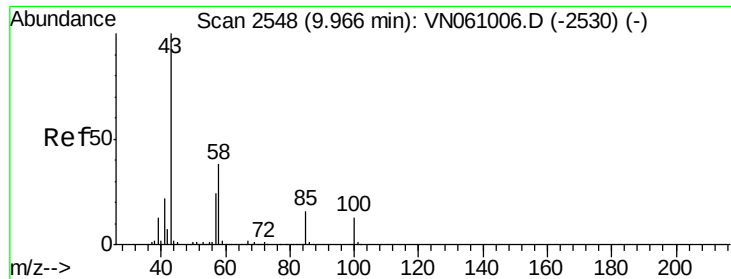
#50  
 Toluene-d8  
 Concen: 47.250 ug/l  
 RT: 10.08 min Scan# 2582  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Tgt Ion: 98 Resp: 259231  
 Ion Ratio Lower Upper  
 98 100  
 100 65.4 51.9 77.9



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

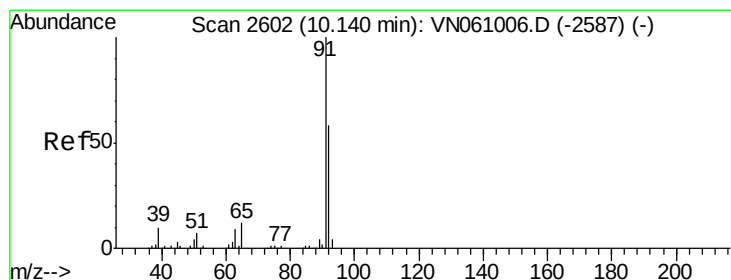
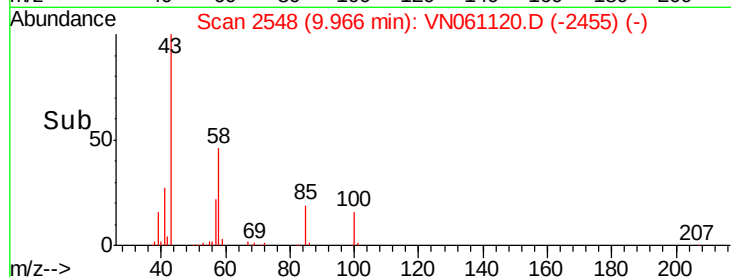
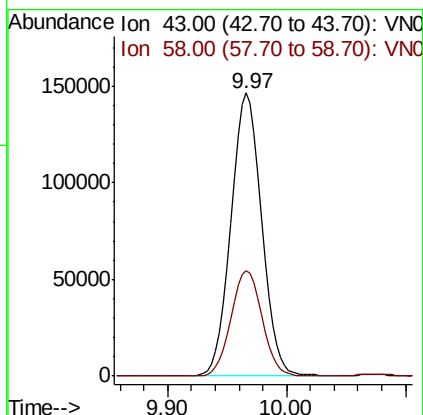
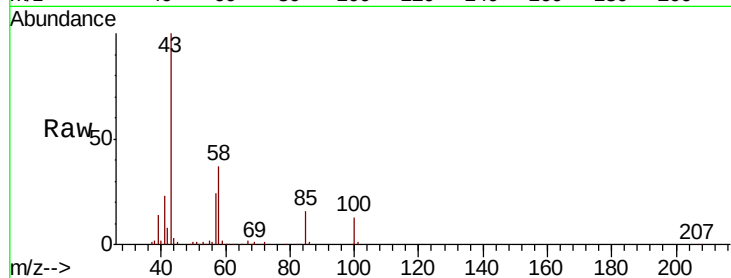




#51  
 4-Methyl-2-Pentanone  
 Concen: 100.445 ug/l  
 RT: 9.97 min Scan# 2548  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

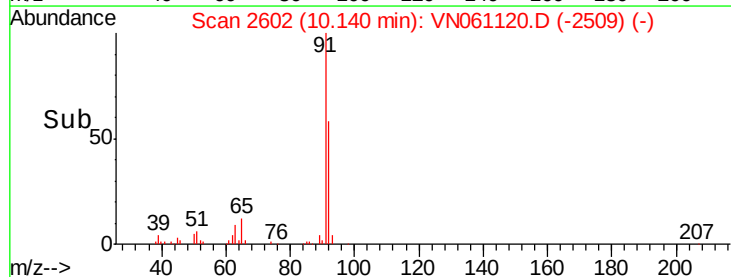
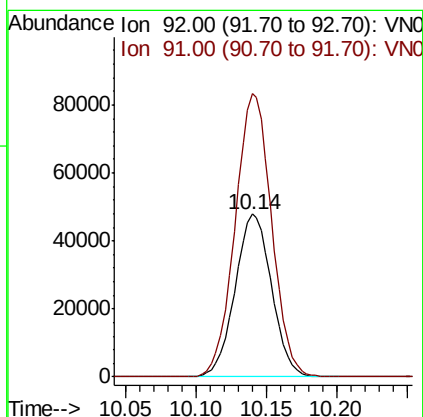
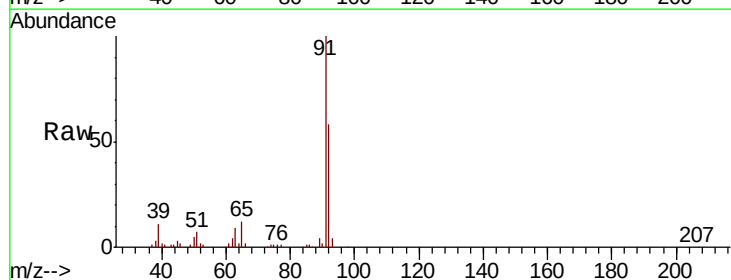
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBS02

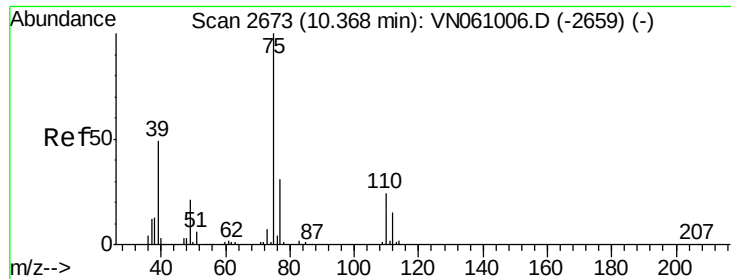
Tot Ion: 43 Resp: 262340  
 Ion Ratio Lower Upper  
 43 100  
 58 37.7 30.3 45.5



#52  
 Toluene  
 Concen: 18.998 ug/l  
 RT: 10.14 min Scan# 2602  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Tgt Ion: 92 Resp: 86746  
 Ion Ratio Lower Upper  
 92 100  
 91 174.0 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 18.795 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampled :

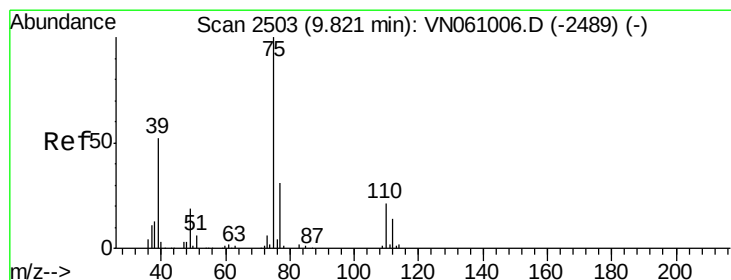
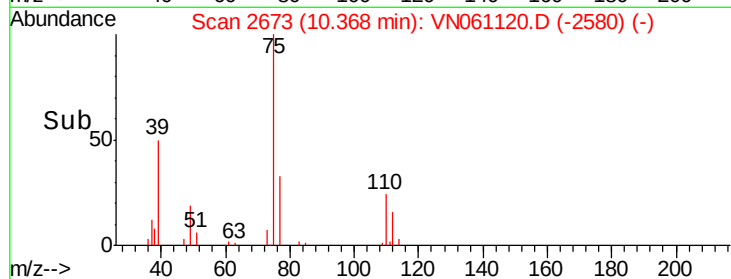
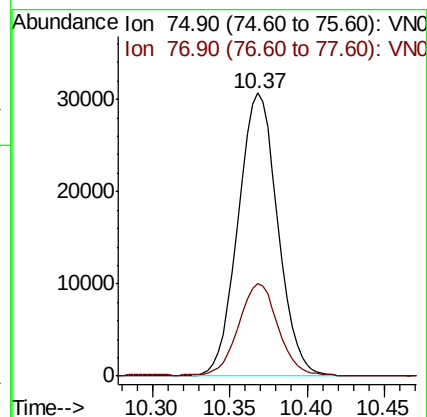
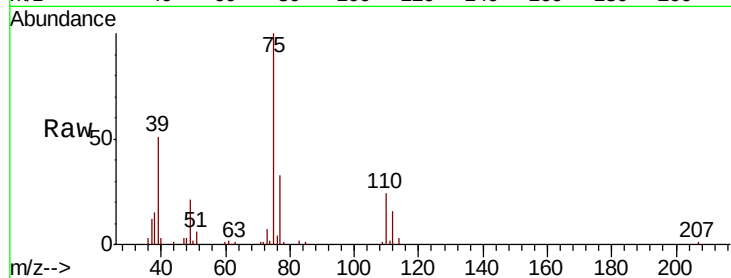
VN0420WBS02

Tot Ion: 75 Resp: 54666

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.606 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

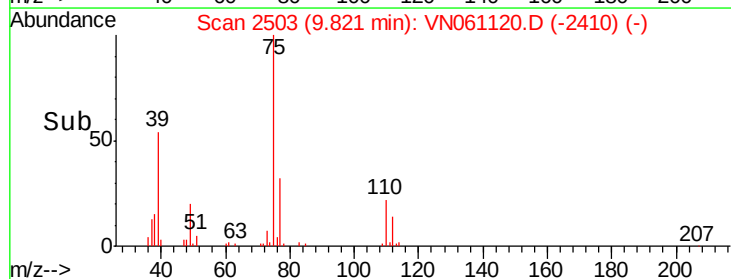
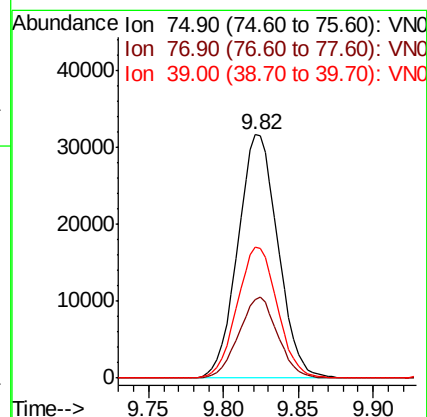
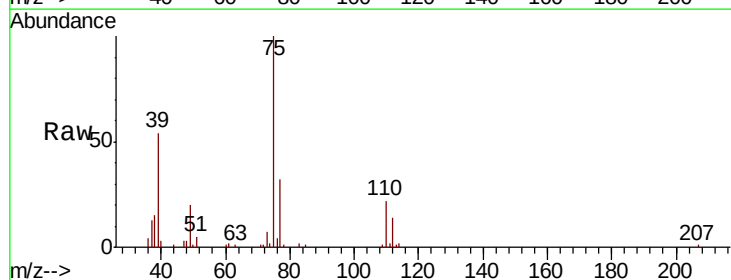
Tgt Ion: 75 Resp: 59044

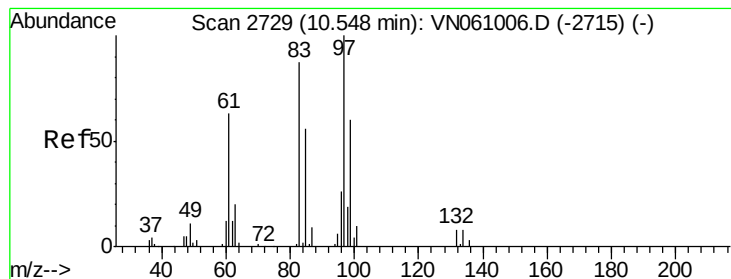
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6

39 53.9 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 19.722 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0420WBS02

Tot Ion: 97 Resp: 34077

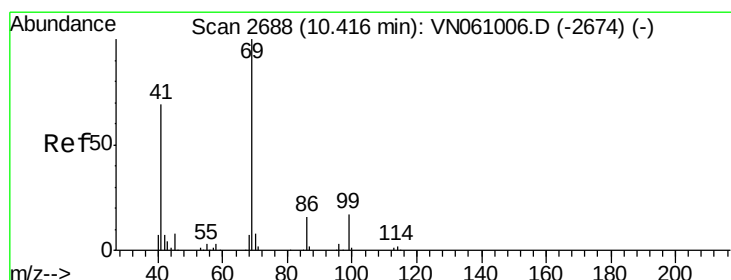
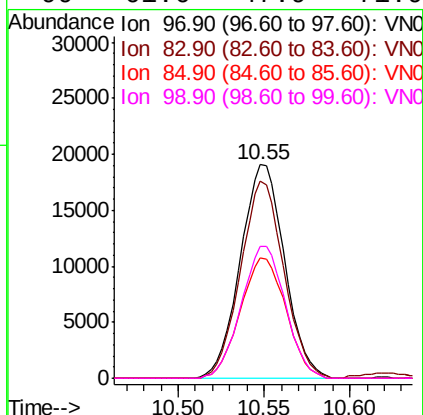
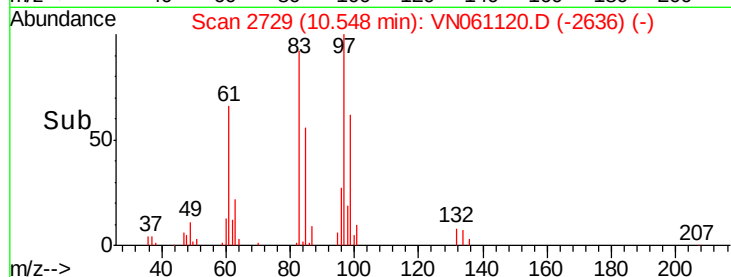
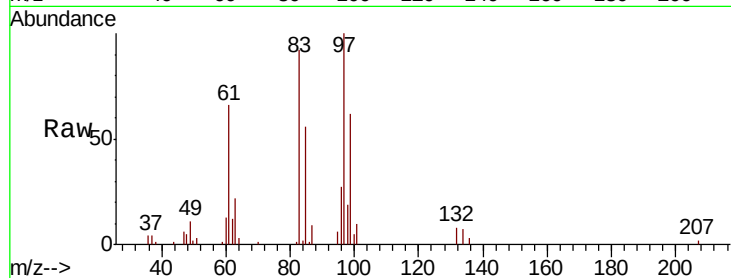
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 92.2  | 69.5  | 104.3 |
| 85  | 56.3  | 45.0  | 67.4  |
| 99  | 61.6  | 47.9  | 71.9  |

97 100

83 92.2 69.5 104.3

85 56.3 45.0 67.4

99 61.6 47.9 71.9



#56

Ethyl methacrylate

Concen: 19.071 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

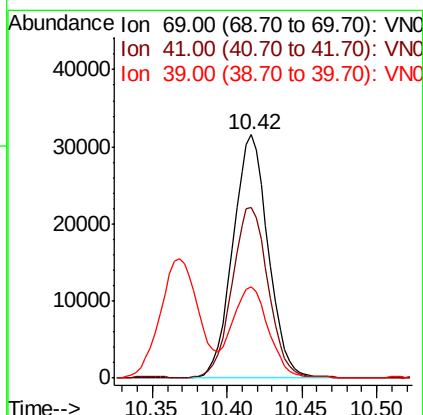
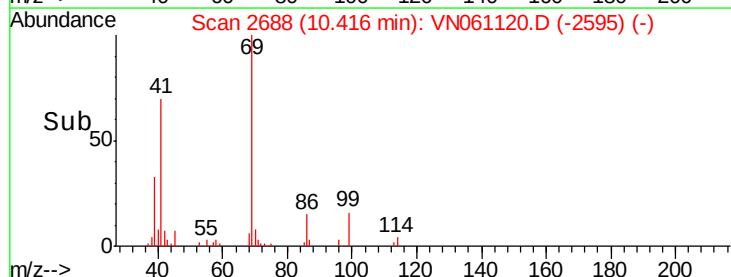
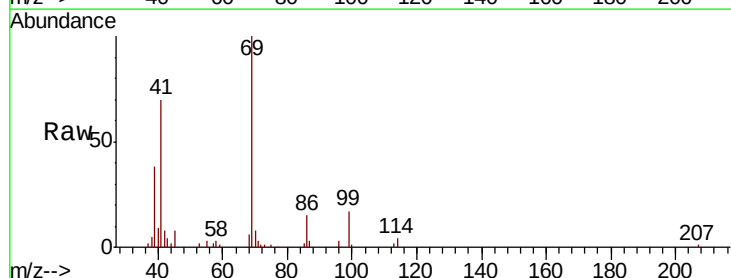
Tgt Ion: 69 Resp: 51817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.4  | 56.7  | 85.1  |
| 39  | 38.9  | 29.4  | 44.0  |

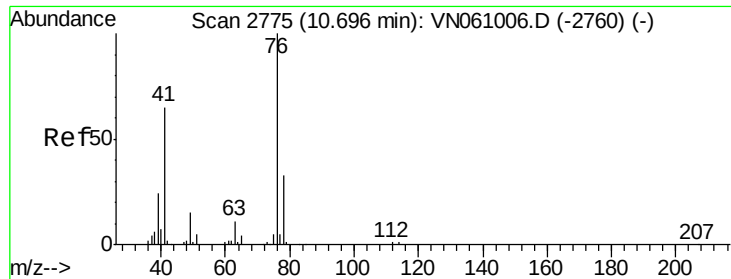
69 100

41 72.4 56.7 85.1

39 38.9 29.4 44.0







#57

1,3-Dichloropropane

Concen: 19.536 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

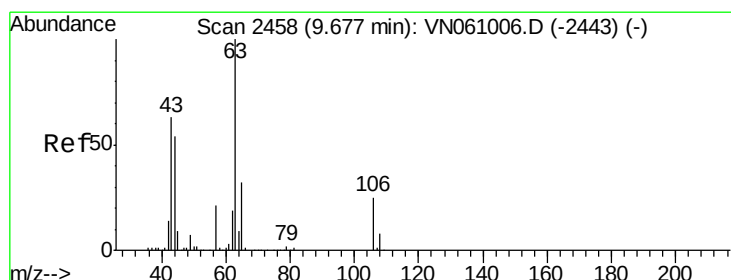
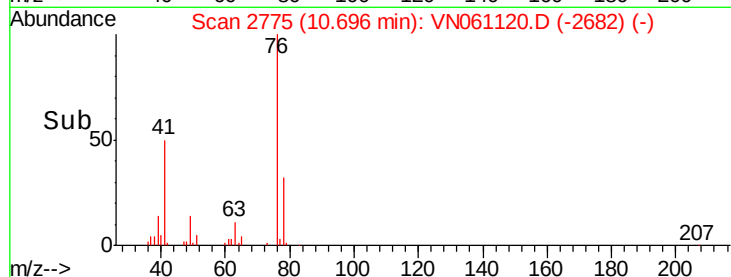
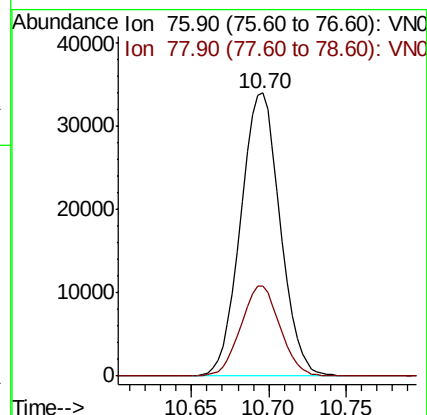
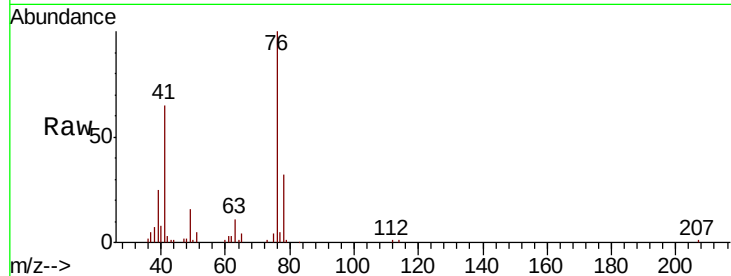
VN0420WBS02

Tot Ion: 76 Resp: 60212

Ion Ratio Lower Upper

76 100

78 31.6 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 90.304 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN061120.D

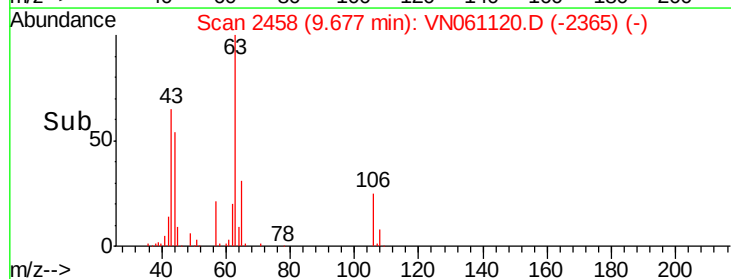
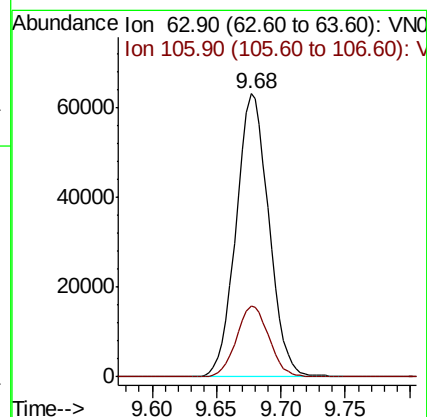
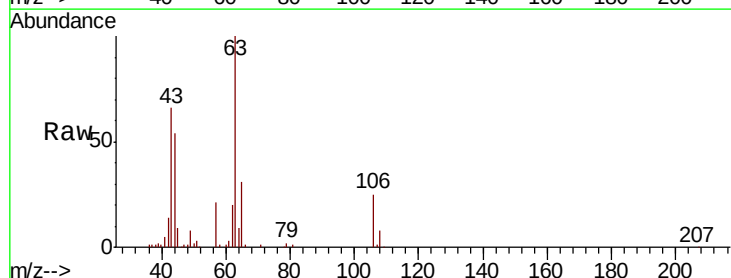
Acq: 20 Apr 2020 23:24

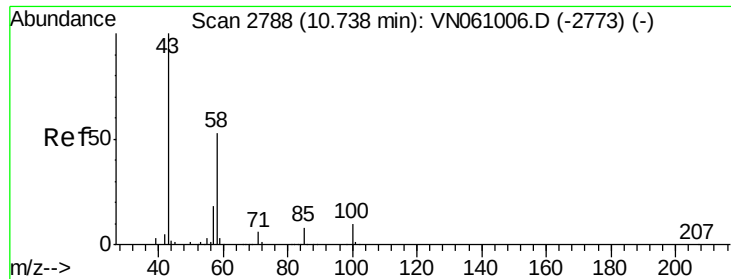
Tgt Ion: 63 Resp: 111494

Ion Ratio Lower Upper

63 100

106 24.7 19.5 29.3

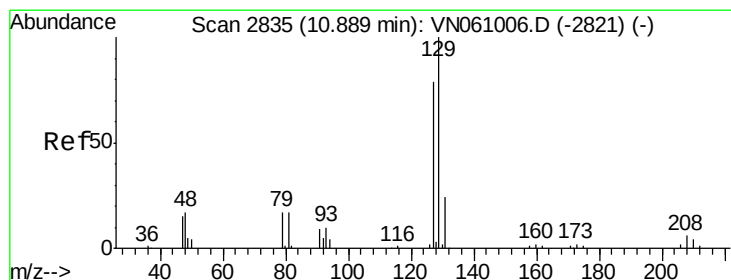
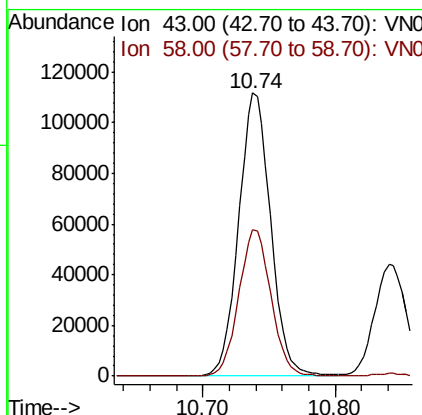
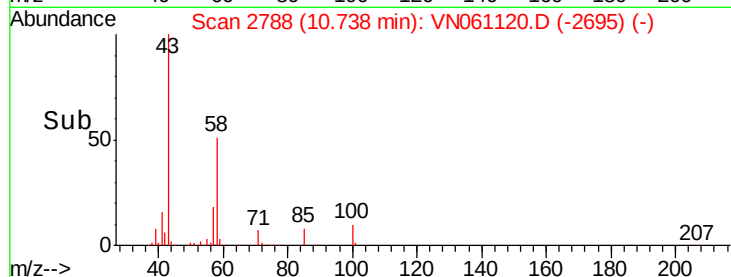
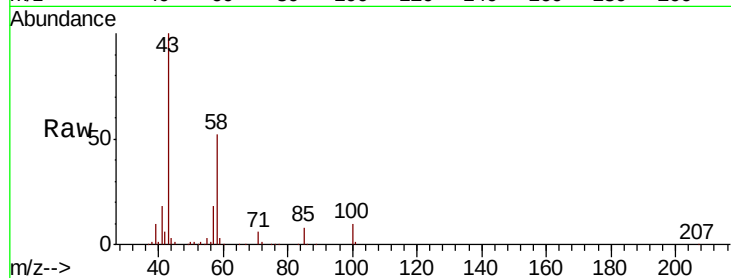




#59  
2-Hexanone  
Concen: 99.315 ug/l  
RT: 10.74 min Scan# 2788  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

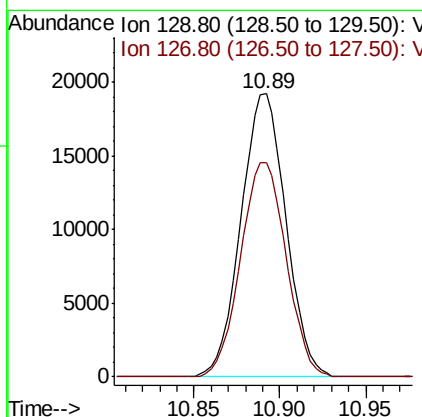
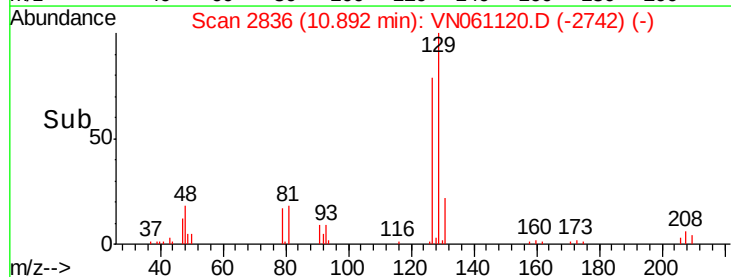
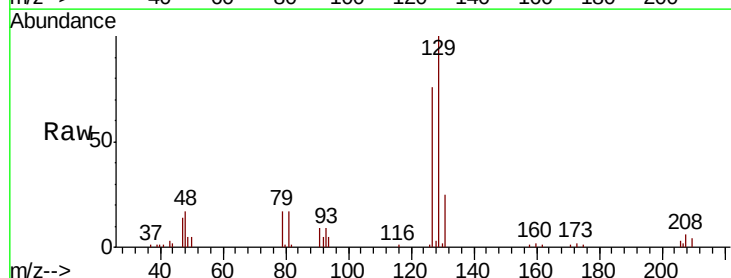
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBS02

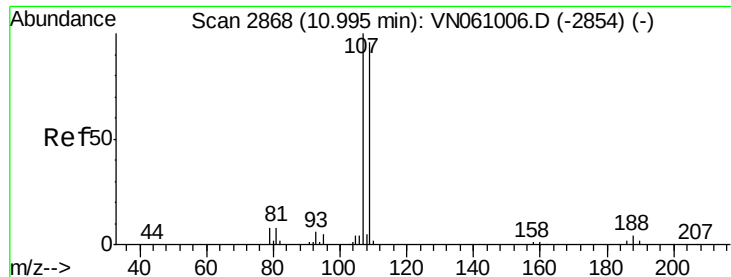
Tot Ion: 43 Resp: 187066  
Ion Ratio Lower Upper  
43 100  
58 52.3 26.4 79.0



#60  
Dibromochloromethane  
Concen: 19.671 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion: 129 Resp: 34915  
Ion Ratio Lower Upper  
129 100  
127 76.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 19.575 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

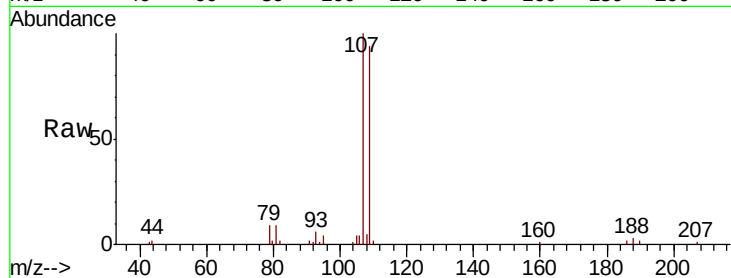
VN0420WBS02

Tot Ion:107 Resp: 34466

Ion Ratio Lower Upper

107 100

109 93.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.99

20000

15000

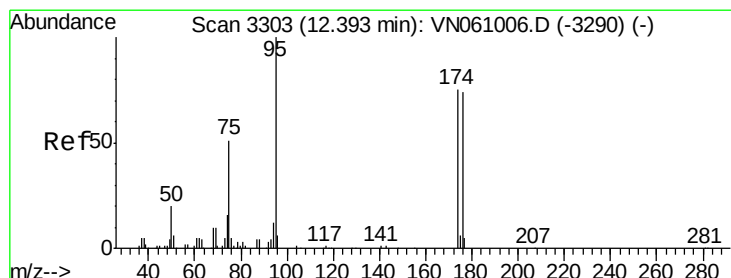
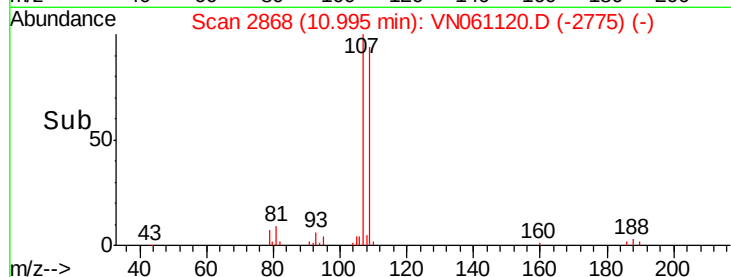
10000

5000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 47.295 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

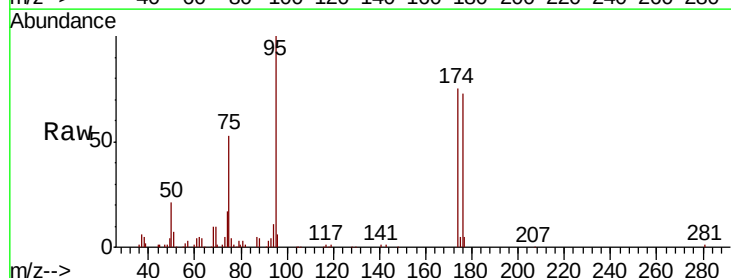
Tgt Ion: 95 Resp: 101698

Ion Ratio Lower Upper

95 100

174 75.7 0.0 151.2

176 73.8 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.39

80000

60000

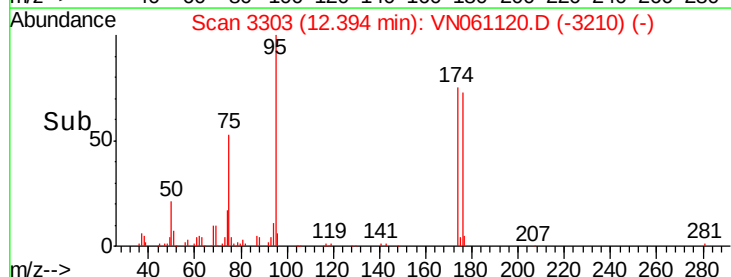
40000

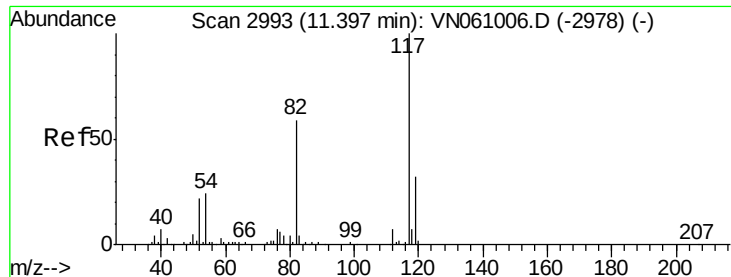
20000

0

Time-->

12.35 12.40 12.45

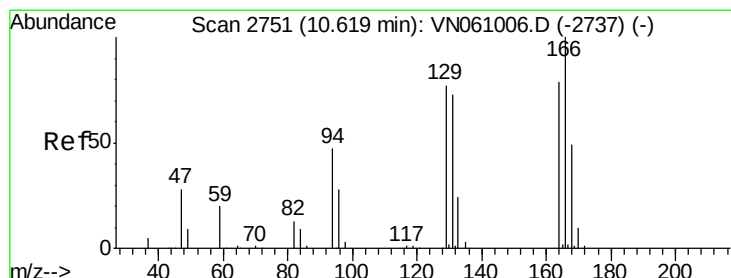
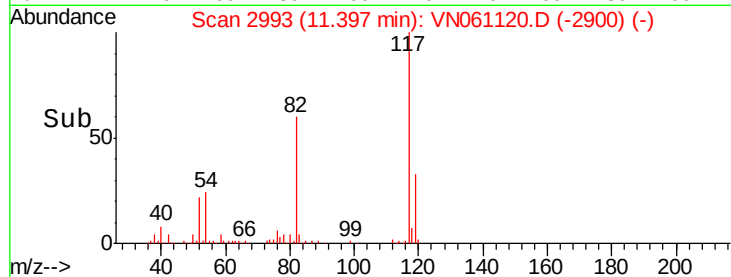
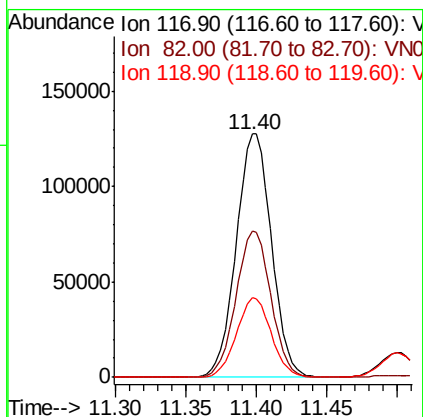
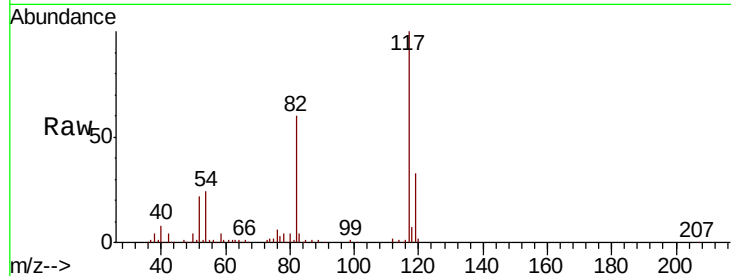




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2993  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

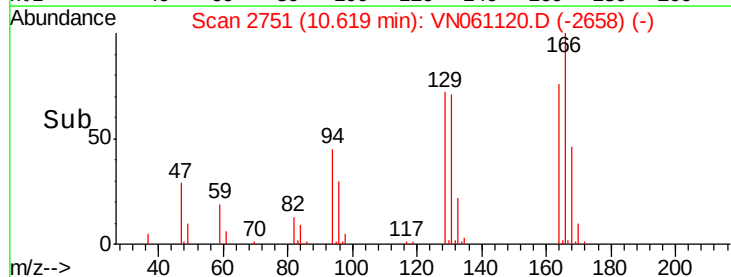
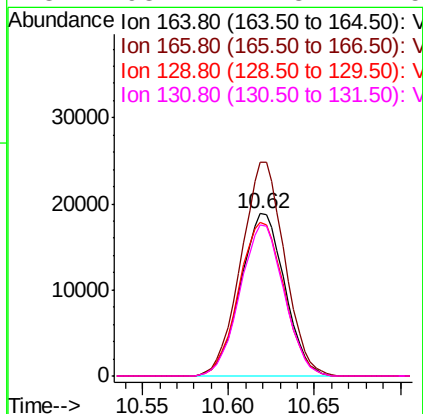
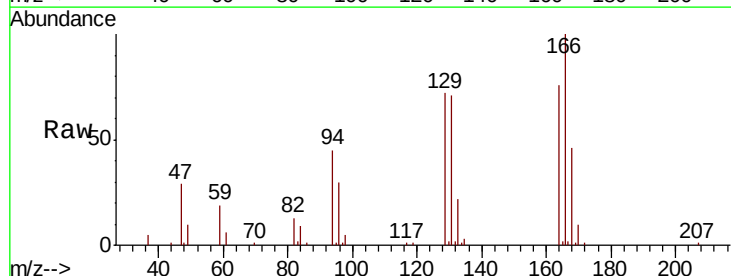
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBS02

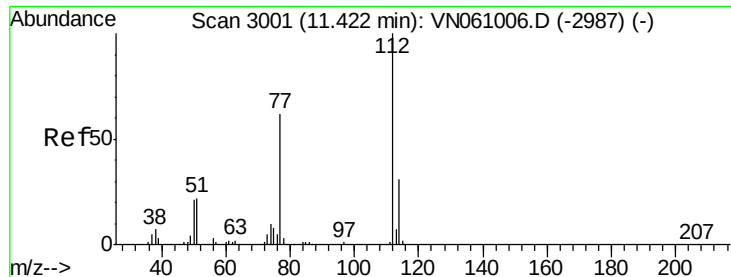
Tot Ion:117 Resp: 223790  
Ion Ratio Lower Upper  
117 100  
82 60.1 47.1 70.7  
119 32.5 25.7 38.5



#64  
Tetrachloroethene  
Concen: 19.741 ug/l  
RT: 10.62 min Scan# 2751  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion:164 Resp: 33805  
Ion Ratio Lower Upper  
164 100  
166 131.9 101.6 152.4  
129 95.1 78.5 117.7  
131 93.2 74.3 111.5





#65

Chlorobenzene

Concen: 19.010 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

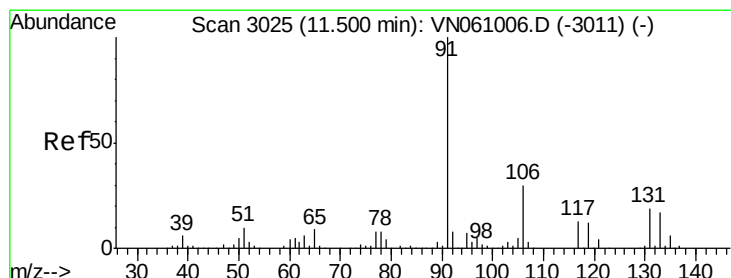
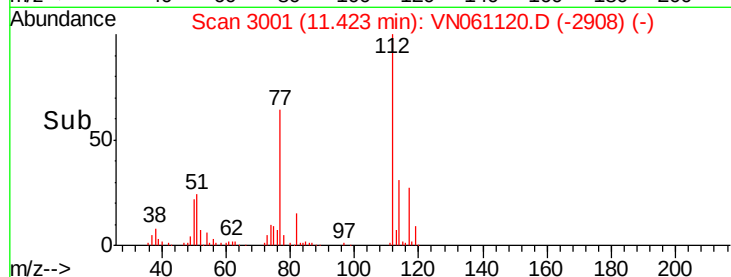
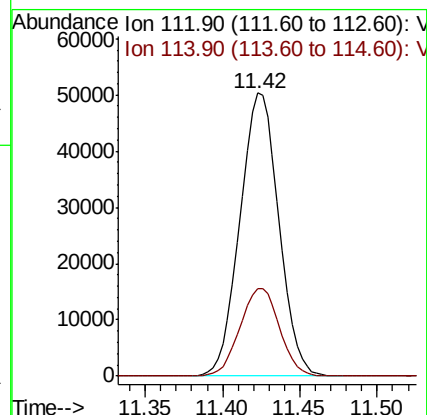
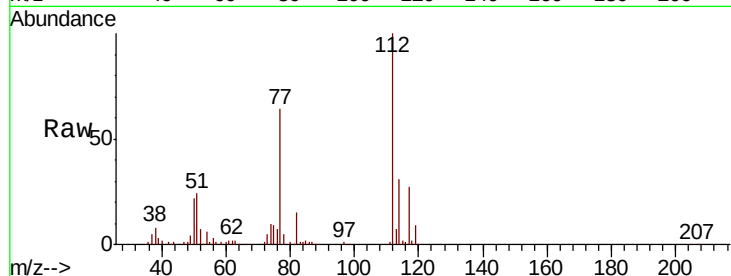
VN0420WBS02

Tot Ion:112 Resp: 87824

Ion Ratio Lower Upper

112 100

114 30.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.179 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

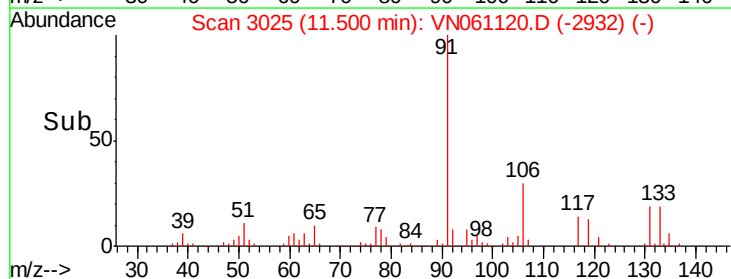
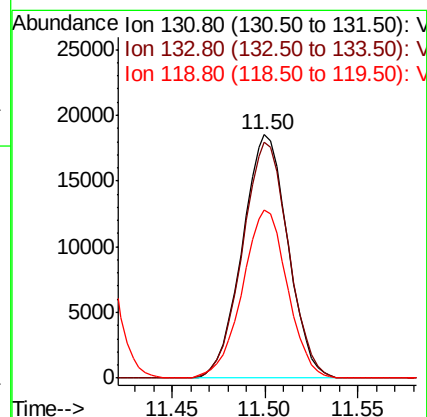
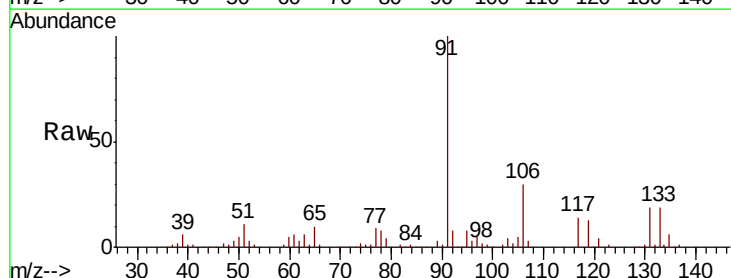
Tgt Ion:131 Resp: 31699

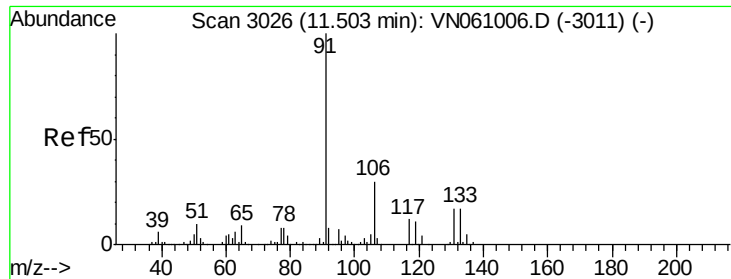
Ion Ratio Lower Upper

131 100

133 98.3 47.9 143.8

119 68.2 33.3 99.8

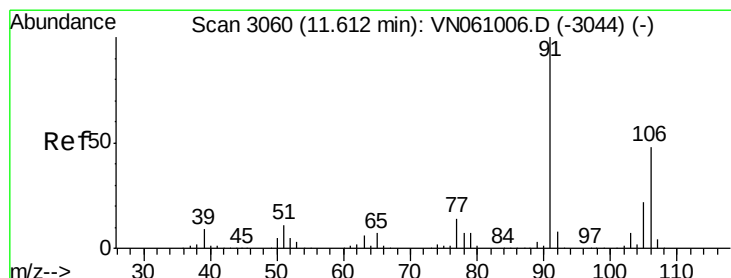
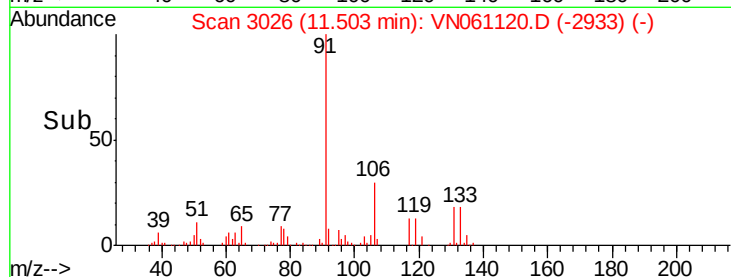
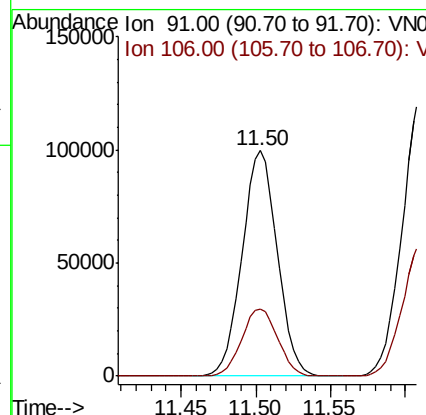
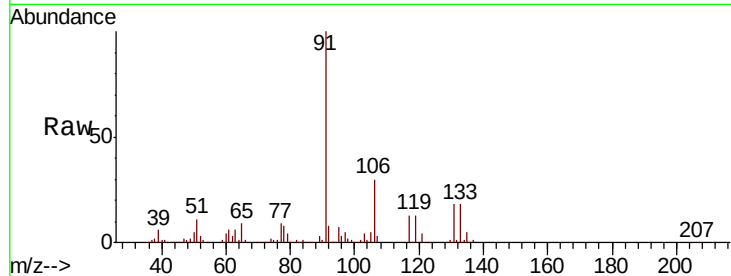




#67  
Ethyl Benzene  
Concen: 18.784 ug/l  
RT: 11.50 min Scan# 3026  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

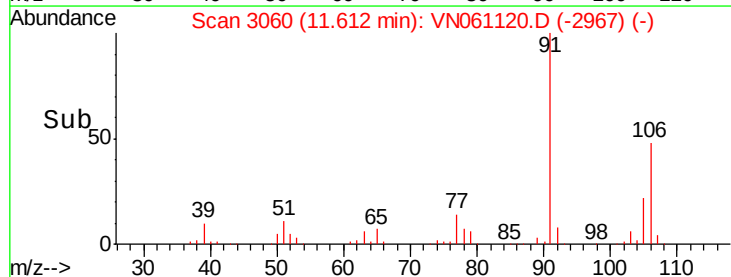
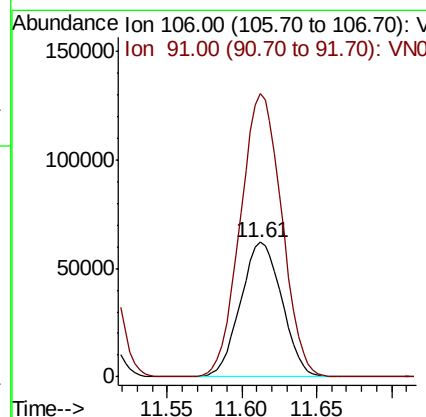
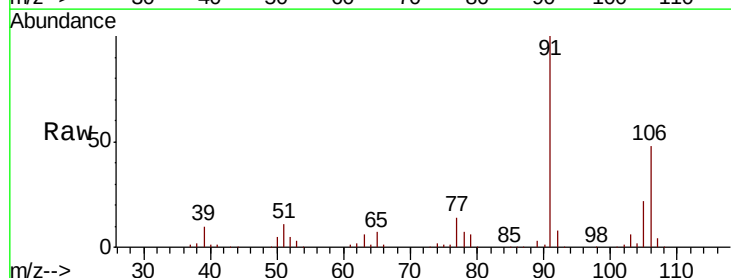
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBS02

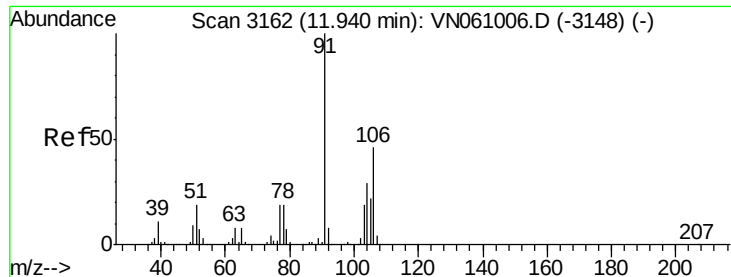
Tot Ion: 91 Resp: 163234  
Ion Ratio Lower Upper  
91 100  
106 29.8 23.8 35.8



#68  
m/p-Xylenes  
Concen: 38.041 ug/l  
RT: 11.61 min Scan# 3060  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion: 106 Resp: 119473  
Ion Ratio Lower Upper  
106 100  
91 210.5 167.9 251.9





#69

o-Xylene

Concen: 19.111 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

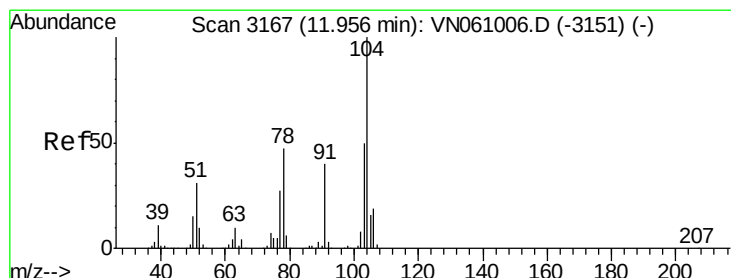
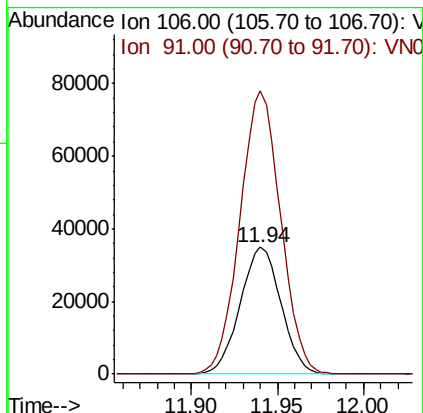
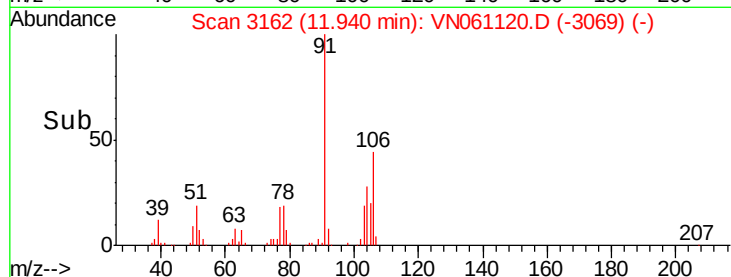
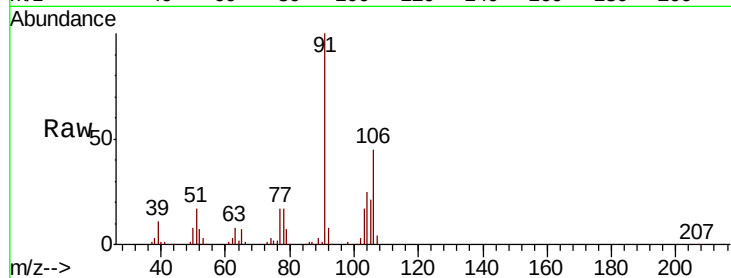
VN0420WBS02

Tot Ion:106 Resp: 57707

Ion Ratio Lower Upper

106 100

91 221.6 110.7 332.1



#70

Styrene

Concen: 19.018 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

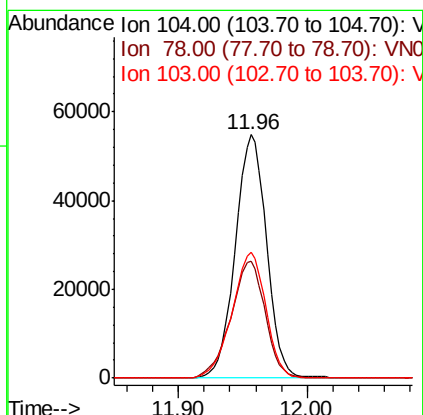
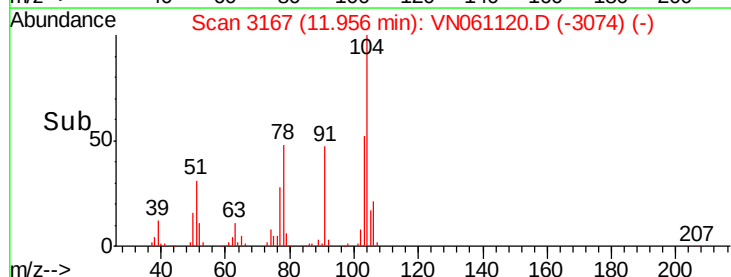
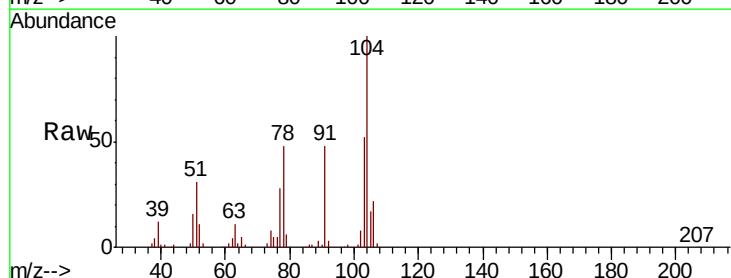
Tgt Ion:104 Resp: 92454

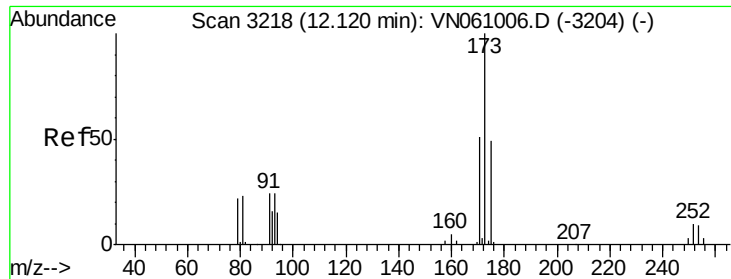
Ion Ratio Lower Upper

104 100

78 52.6 42.2 63.4

103 55.6 44.4 66.6

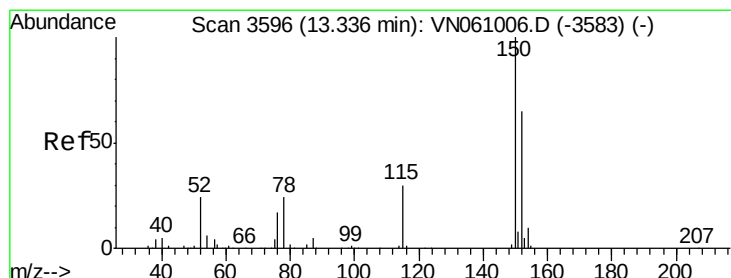
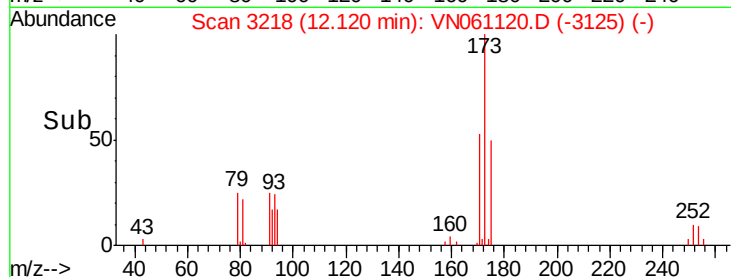
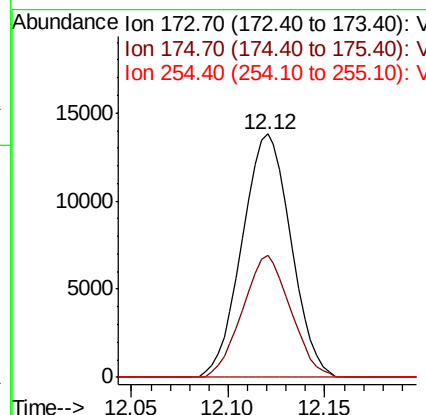
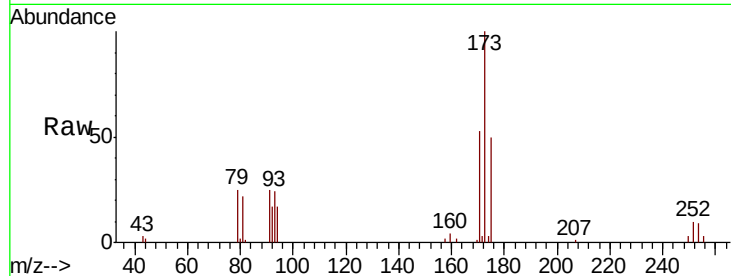




#71  
Bromoform  
Concen: 19.652 ug/l  
RT: 12.12 min Scan# 3218  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

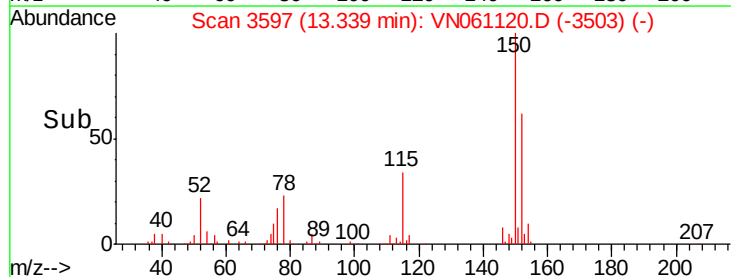
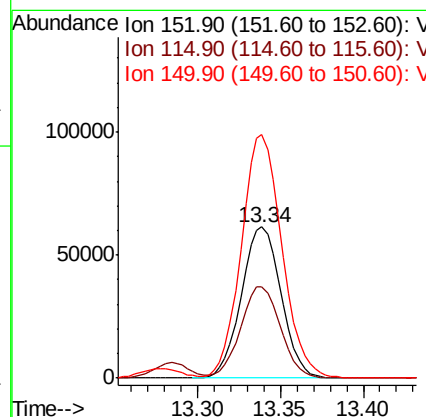
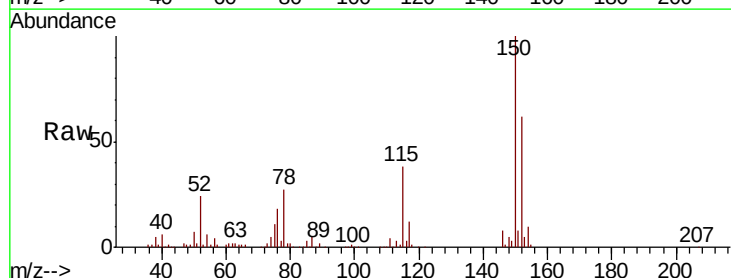
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBS02

Tot Ion:173 Resp: 24246  
Ion Ratio Lower Upper  
173 100  
175 49.3 24.5 73.5  
254 0.0 0.0 0.0

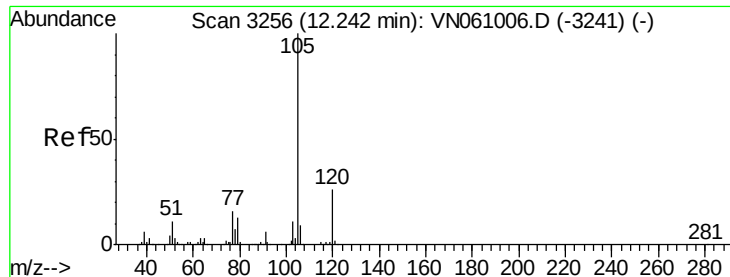


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion:152 Resp: 102193  
Ion Ratio Lower Upper  
152 100  
115 60.7 30.8 92.4  
150 164.6 0.0 349.0







#73

Isopropylbenzene

Concen: 19.091 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

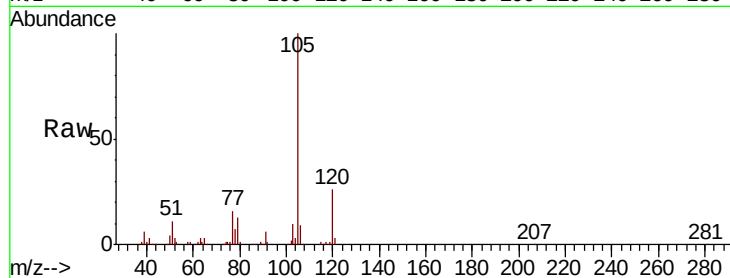
VN0420WBS02

Tot Ion:105 Resp: 156303

Ion Ratio Lower Upper

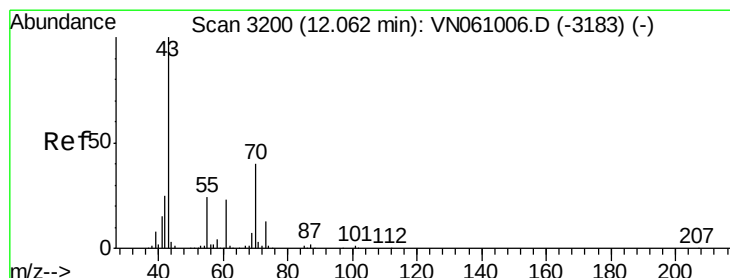
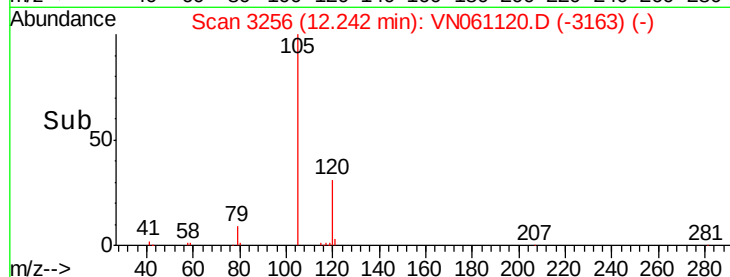
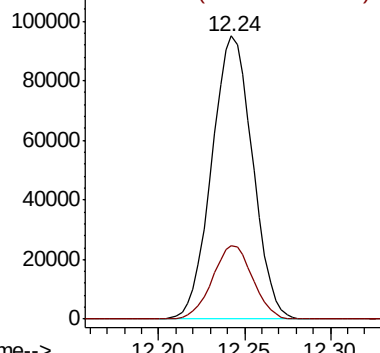
105 100

120 25.7 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.360 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Tgt Ion: 43 Resp: 69901

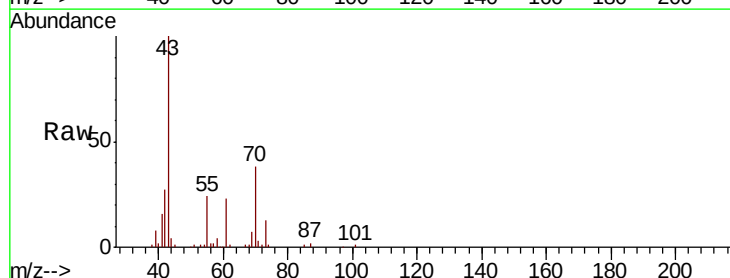
Ion Ratio Lower Upper

43 100

70 38.5 31.0 46.6

55 23.4 18.6 27.8

61 23.1 18.2 27.4

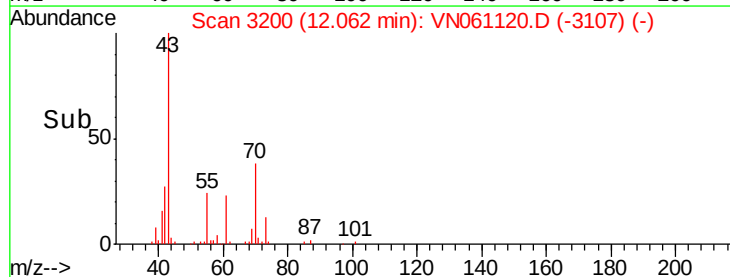
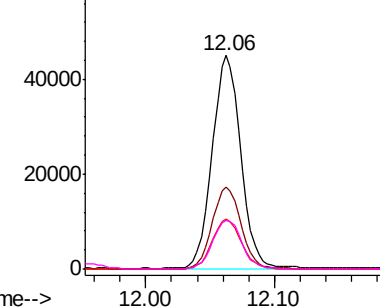


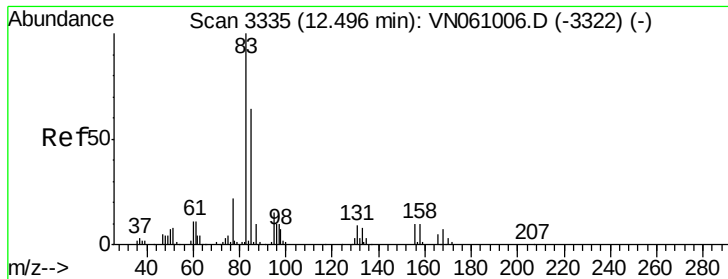
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.841 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0420WBS02

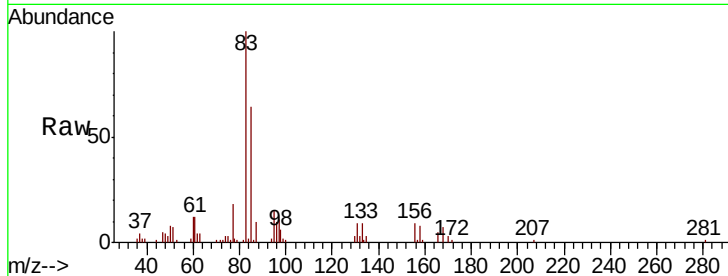
Tot Ion: 83 Resp: 49586

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.3

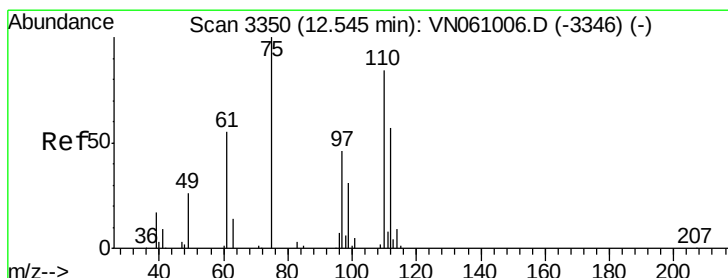
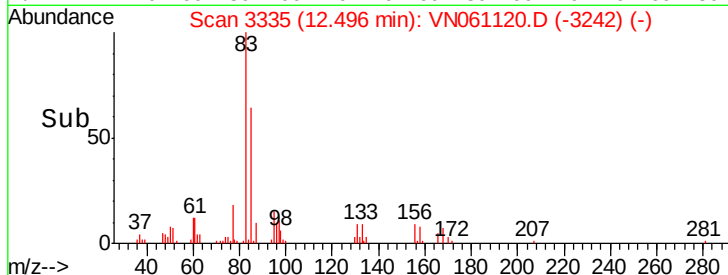
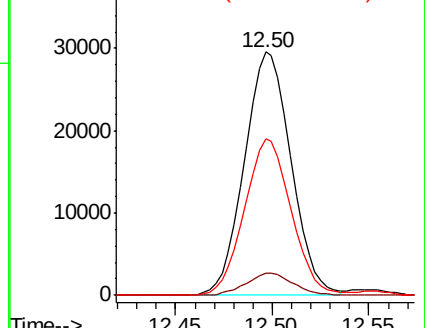
85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061120.D (-3242) (-)

Ion 130.80 (130.50 to 131.50): VN061120.D (-3242) (-)

Ion 84.90 (84.60 to 85.60): VN061120.D (-3242) (-)



#76

1,2,3-Trichloropropane

Concen: 29.233 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061120.D

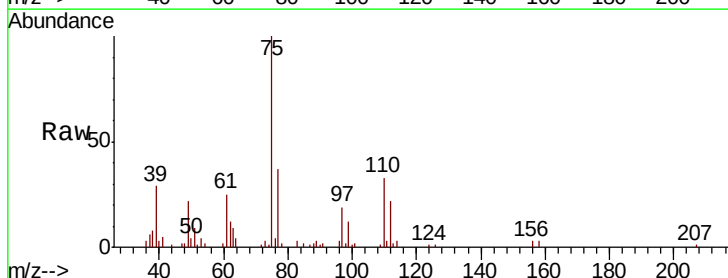
Acq: 20 Apr 2020 23:24

Tgt Ion: 75 Resp: 65710

Ion Ratio Lower Upper

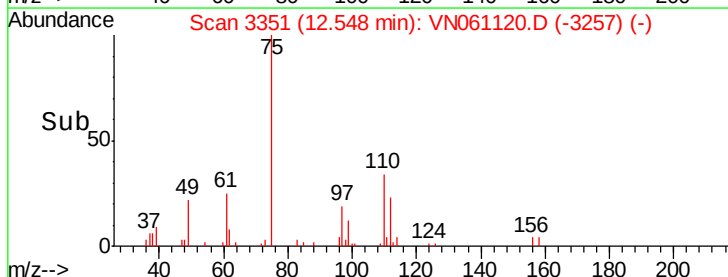
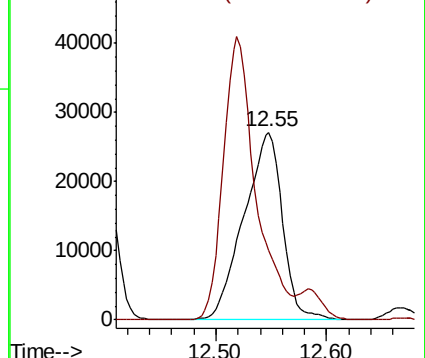
75 100

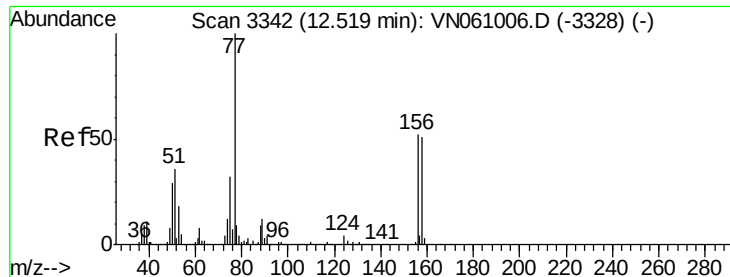
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061120.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN061120.D (-3257) (-)





#77

Bromobenzene

Concen: 19.412 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0420WBS02

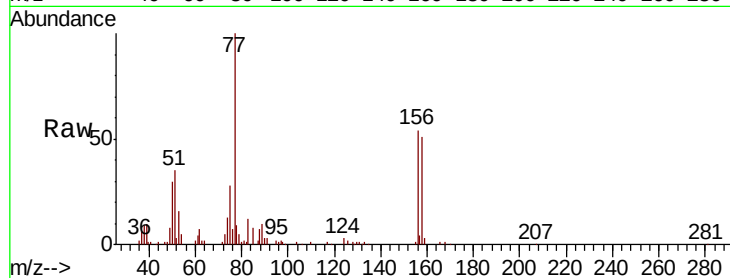
Tot Ion:156 Resp: 37107

Ion Ratio Lower Upper

156 100

77 226.2 115.6 346.8

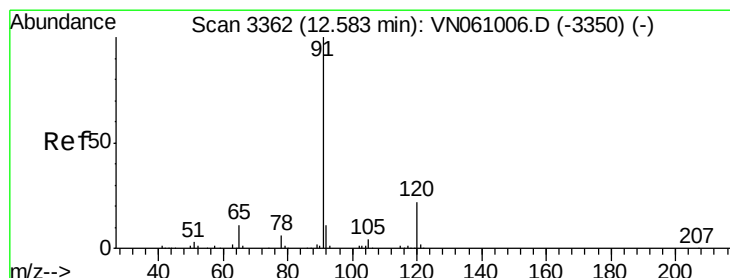
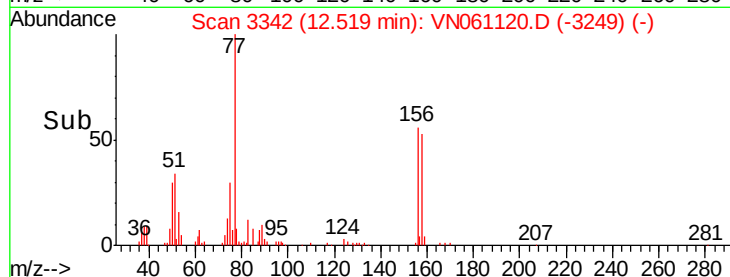
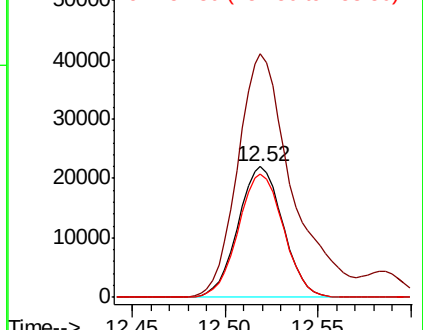
158 94.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.944 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN061120.D

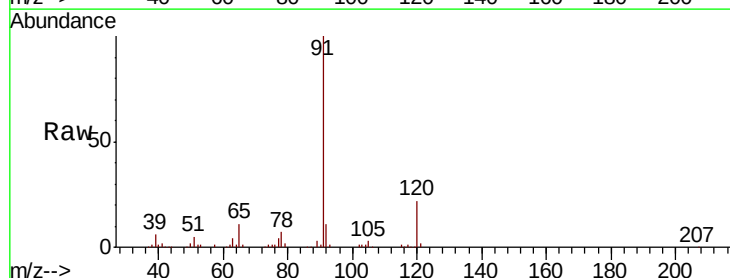
Acq: 20 Apr 2020 23:24

Tgt Ion: 91 Resp: 181459

Ion Ratio Lower Upper

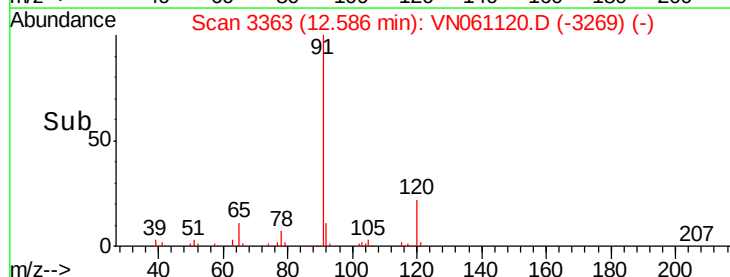
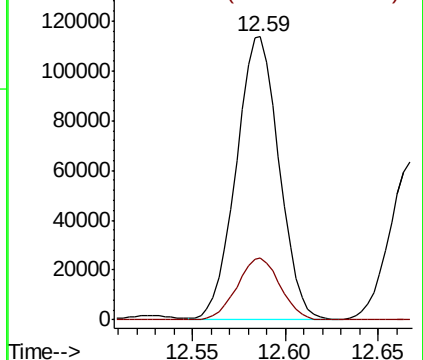
91 100

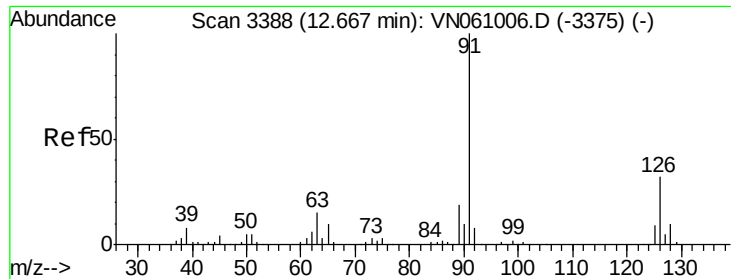
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

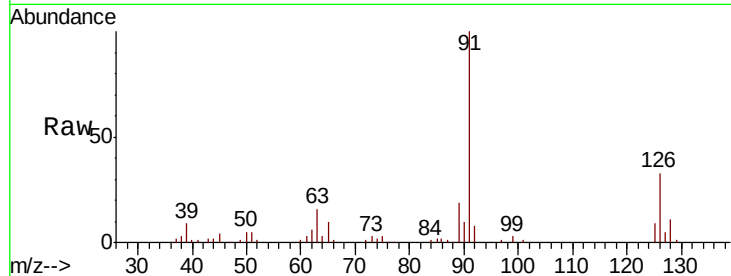




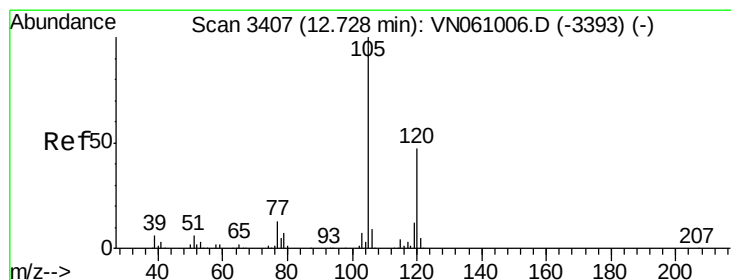
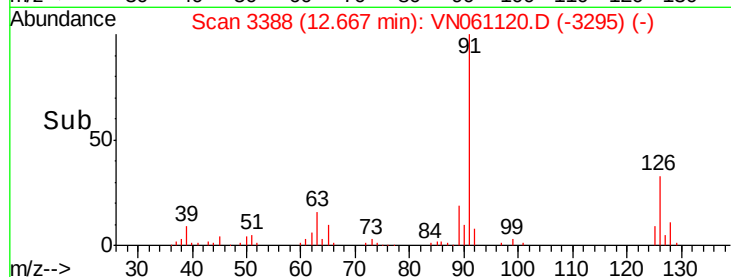
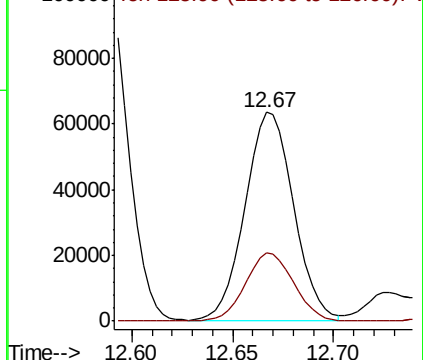
#79  
 2-Chlorotoluene  
 Concen: 19.040 ug/l  
 RT: 12.67 min Scan# 3388  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBS02

Tot Ion: 91 Resp: 106964  
 Ion Ratio Lower Upper  
 91 100  
 126 32.5 16.1 48.2

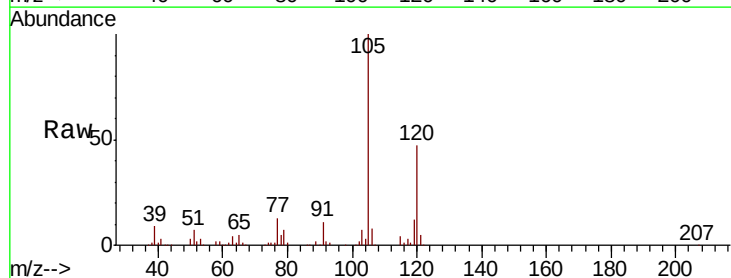


Abundance Ion 91.00 (90.70 to 91.70): VN061120.D (-3295) (-)  
 Ion 125.90 (125.60 to 126.60): VN061120.D (-3295) (-)

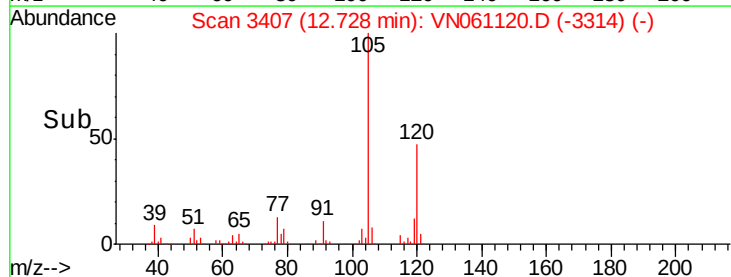
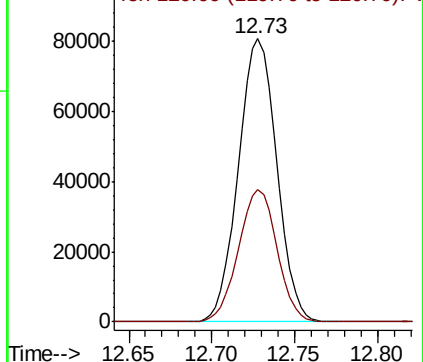


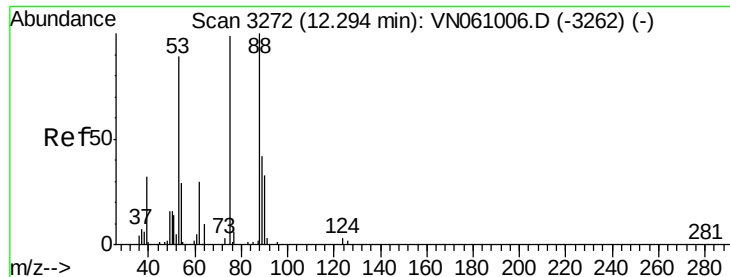
#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.234 ug/l  
 RT: 12.73 min Scan# 3407  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Tgt Ion: 105 Resp: 130165  
 Ion Ratio Lower Upper  
 105 100  
 120 47.0 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): VN061120.D (-3314) (-)  
 Ion 120.00 (119.70 to 120.70): VN061120.D (-3314) (-)

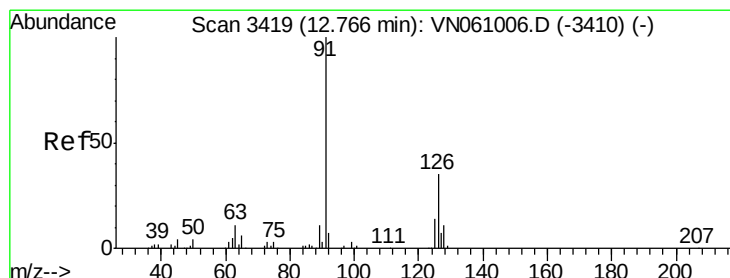
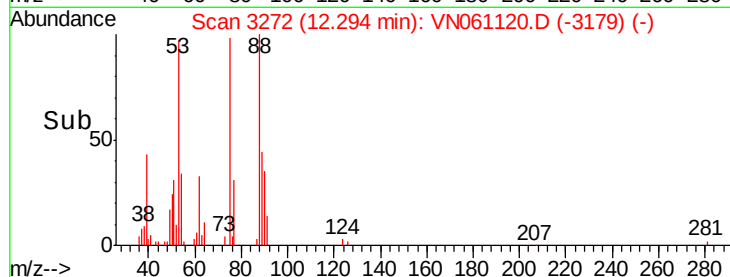
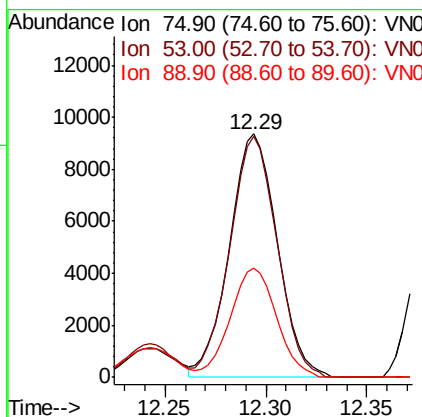
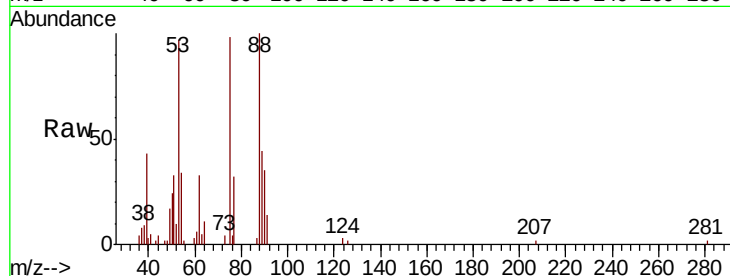




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.129 ug/l  
RT: 12.29 min Scan# 3272  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

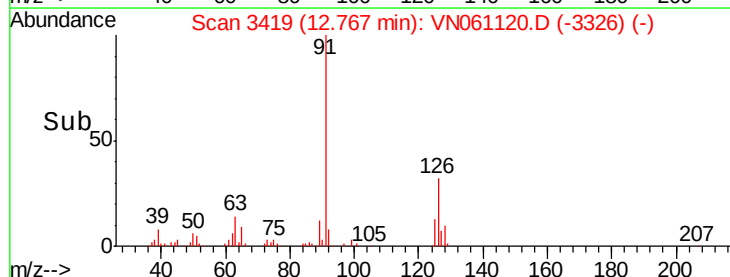
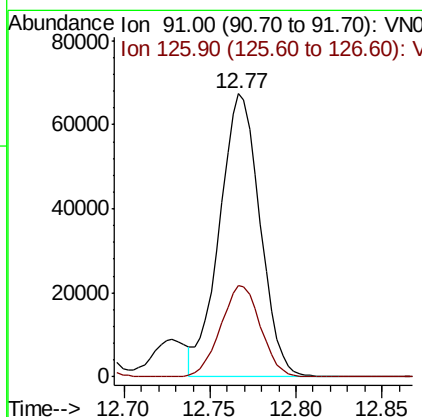
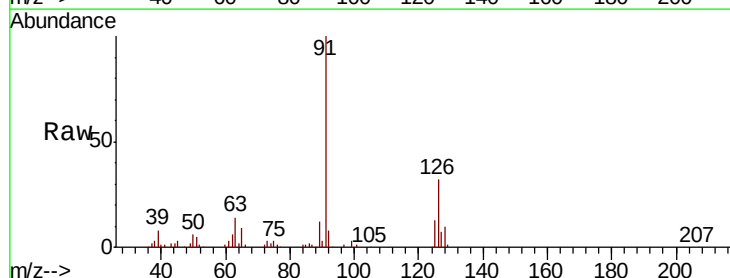
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBS02

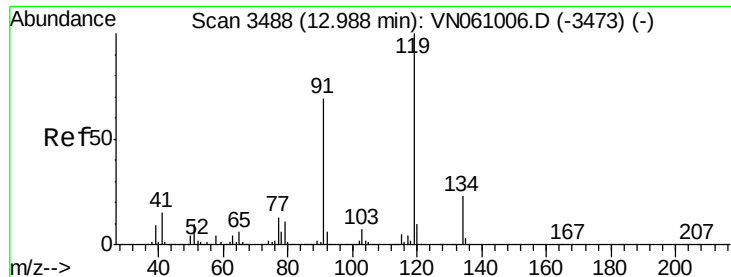
Tot Ion: 75 Resp: 15610  
Ion Ratio Lower Upper  
75 100  
53 97.4 74.7 112.1  
89 43.2 34.6 52.0



#82  
4-Chlorotoluene  
Concen: 19.036 ug/l  
RT: 12.77 min Scan# 3419  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion: 91 Resp: 110914  
Ion Ratio Lower Upper  
91 100  
126 31.7 15.9 47.6

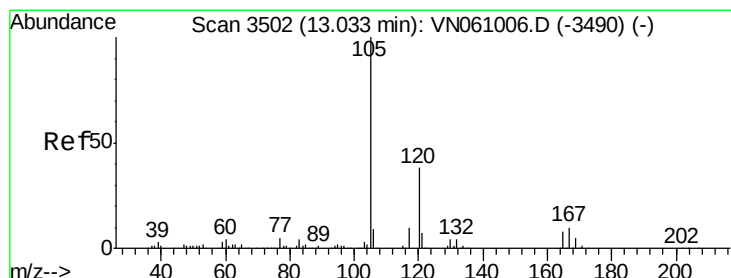
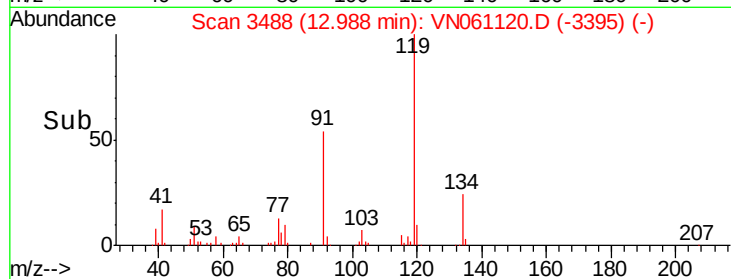
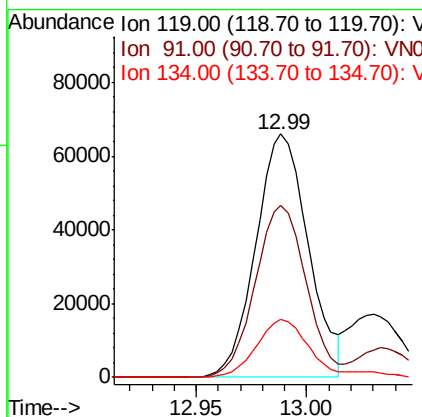
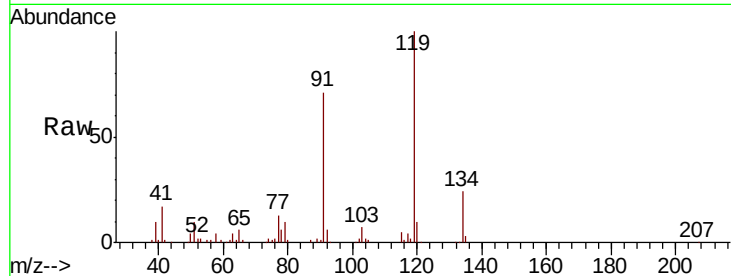




#83  
 tert-Butylbenzene  
 Concen: 19.105 ug/l  
 RT: 12.99 min Scan# 3488  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

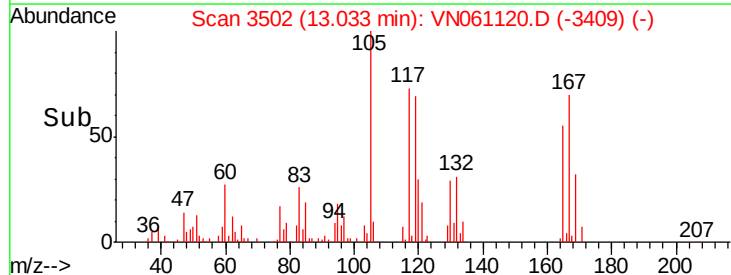
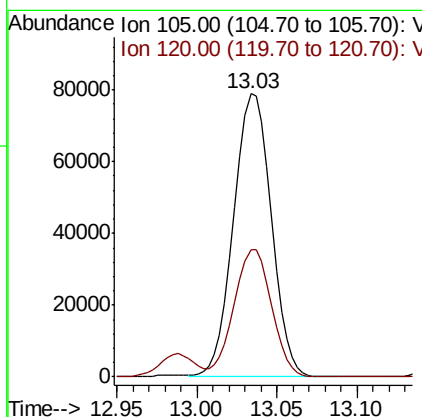
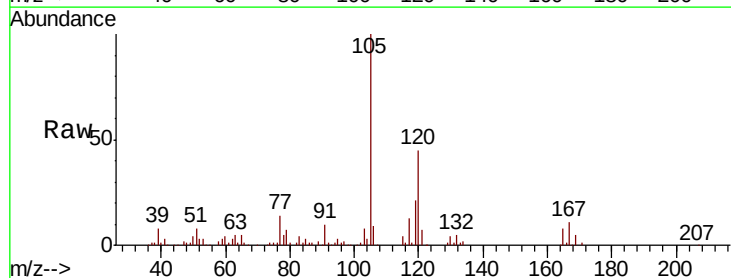
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBS02

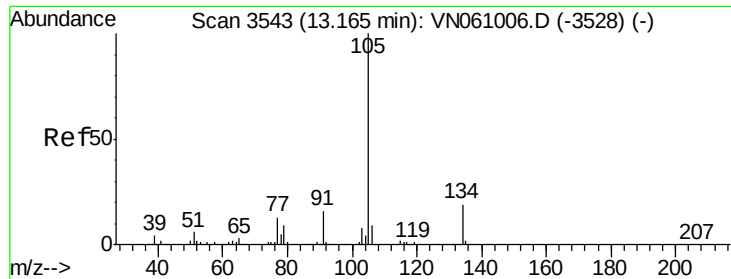
Tot Ion:119 Resp: 108732  
 Ion Ratio Lower Upper  
 119 100  
 91 69.0 34.1 102.3  
 134 23.7 12.4 37.2



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.022 ug/l  
 RT: 13.03 min Scan# 3502  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Tgt Ion:105 Resp: 127241  
 Ion Ratio Lower Upper  
 105 100  
 120 44.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 18.946 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

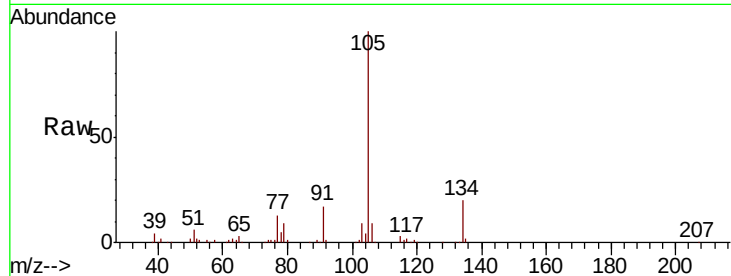
VN0420WBS02

Tot Ion:105 Resp: 146100

Ion Ratio Lower Upper

105 100

134 19.4 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

100000

80000

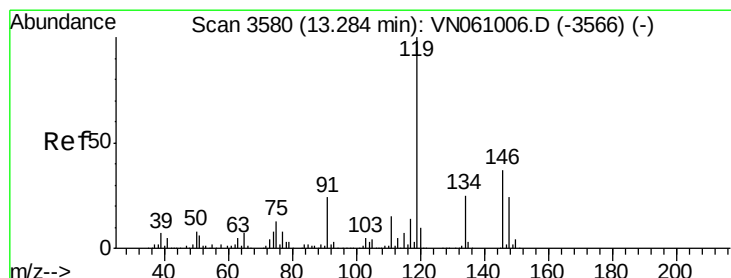
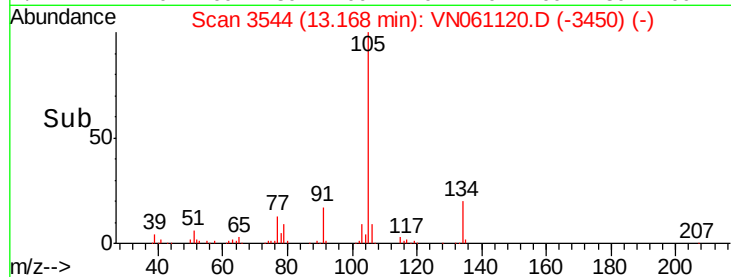
60000

40000

20000

0

Time--> 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 18.899 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

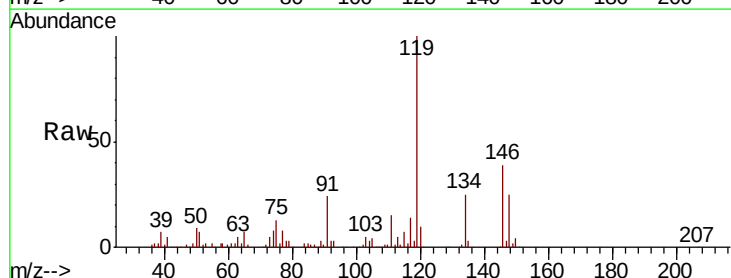
Tgt Ion:119 Resp: 129770

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 24.0 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.28

100000

80000

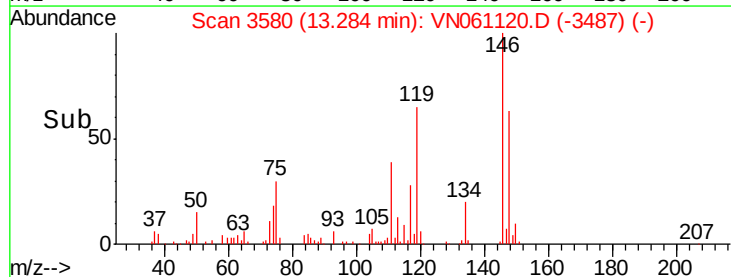
60000

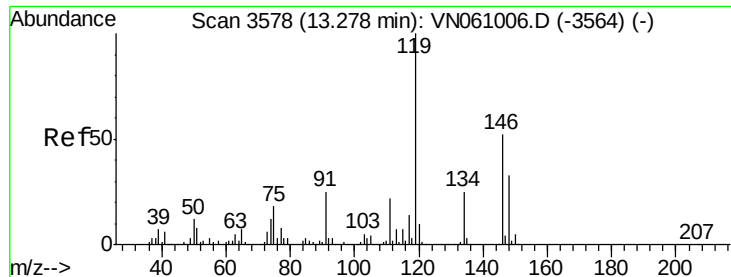
40000

20000

0

Time--> 13.20 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 19.101 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampled :

VN0420WBS02

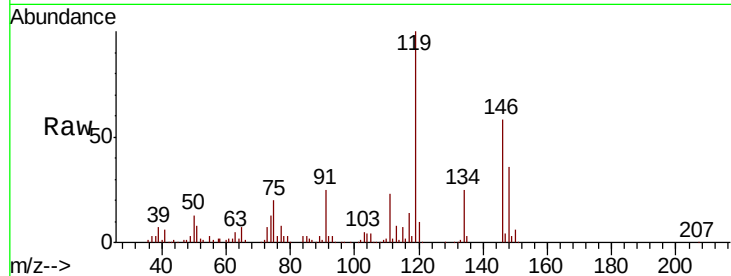
Tot Ion:146 Resp: 65071

Ion Ratio Lower Upper

146 100

111 40.0 20.6 61.8

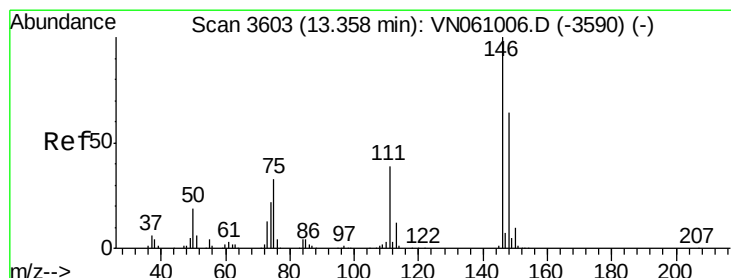
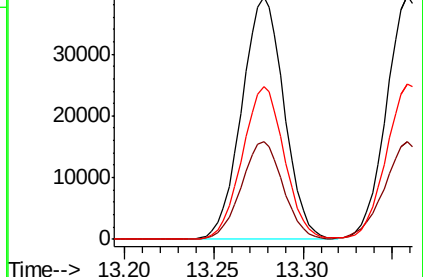
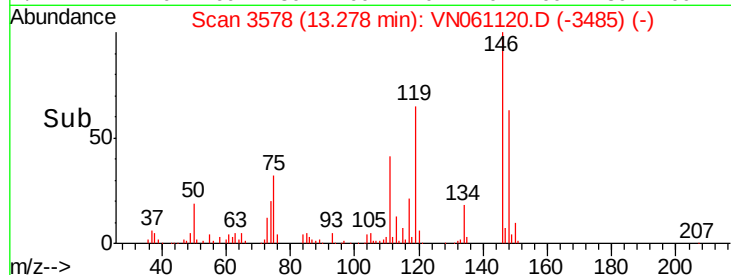
148 62.6 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.851 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

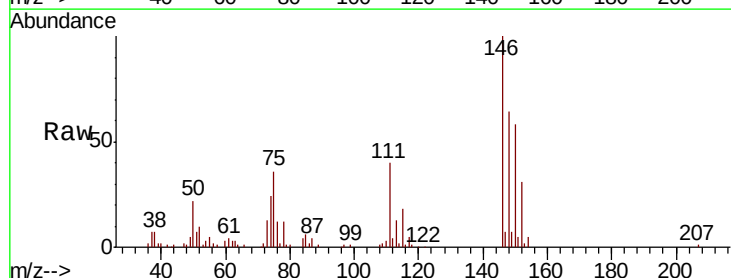
Tgt Ion:146 Resp: 64605

Ion Ratio Lower Upper

146 100

111 41.3 20.1 60.3

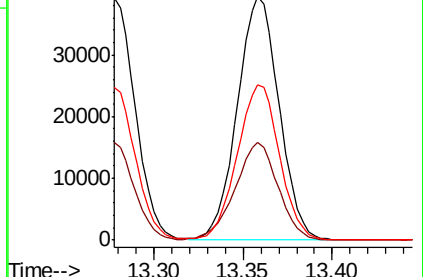
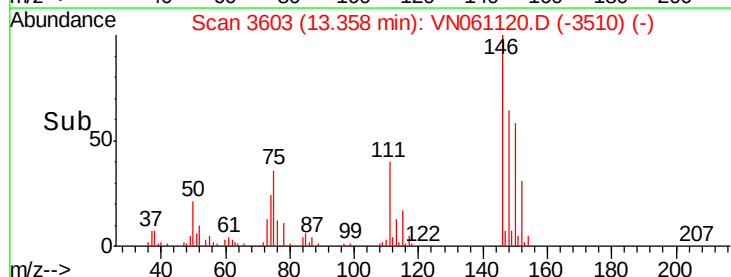
148 64.4 32.1 96.3



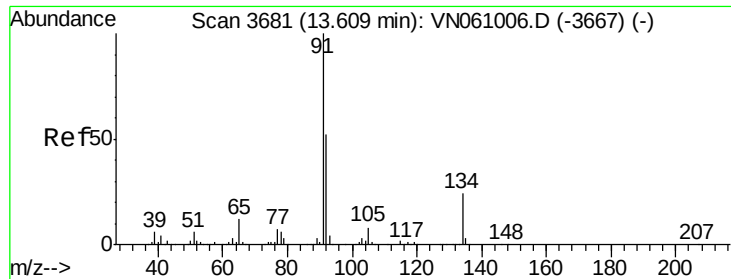
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



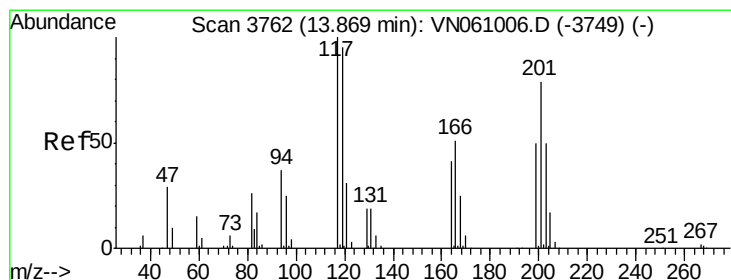
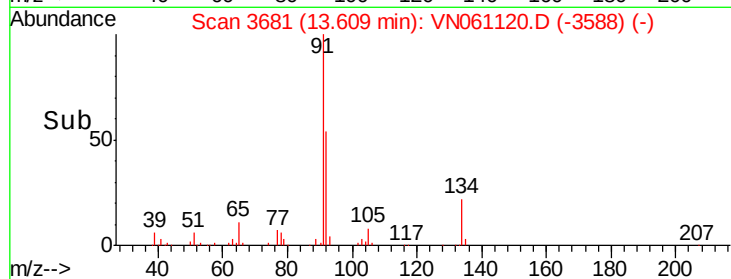
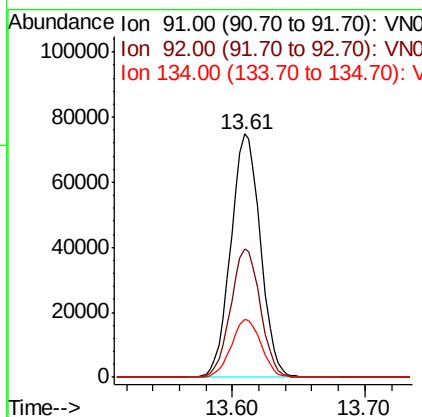
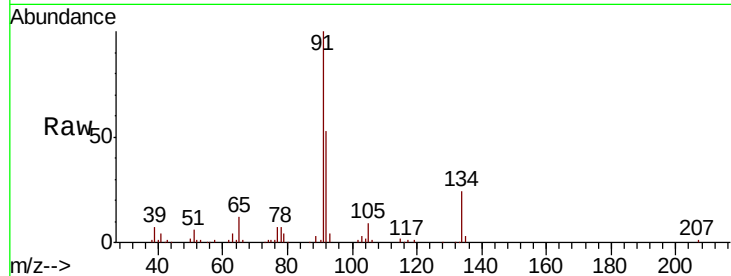




#89  
n-Butylbenzene  
Concen: 18.169 ug/l  
RT: 13.61 min Scan# 3681  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

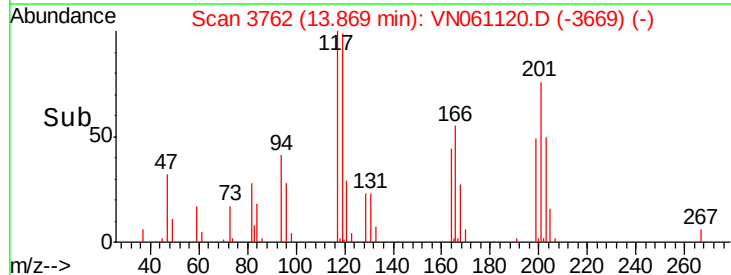
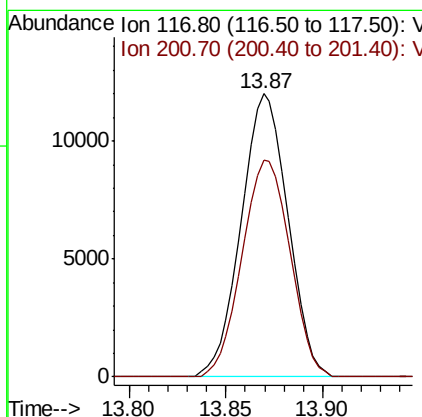
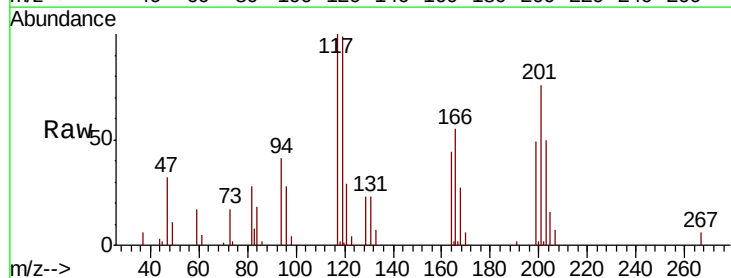
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0420WBS02

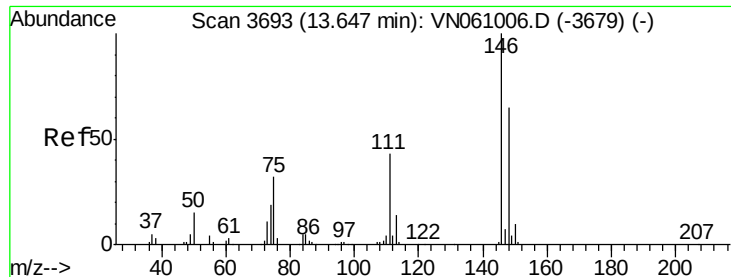
Tot Ion: 91 Resp: 116017  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.1 78.2  
134 24.1 12.3 36.8



#90  
Hexachloroethane  
Concen: 19.147 ug/l  
RT: 13.87 min Scan# 3762  
Delta R.T. 0.00 min  
Lab File: VN061120.D  
Acq: 20 Apr 2020 23:24

Tgt Ion: 117 Resp: 20171  
Ion Ratio Lower Upper  
117 100  
201 78.4 39.3 117.9

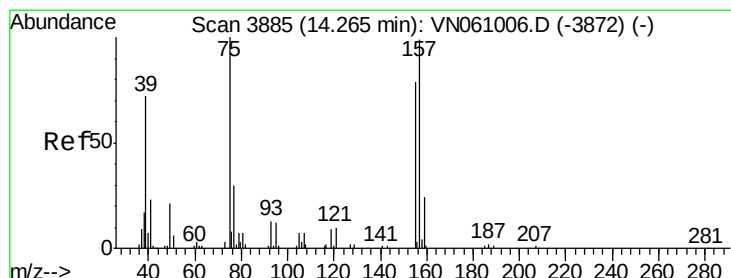
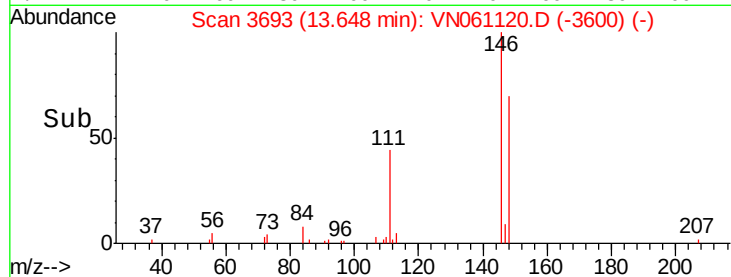
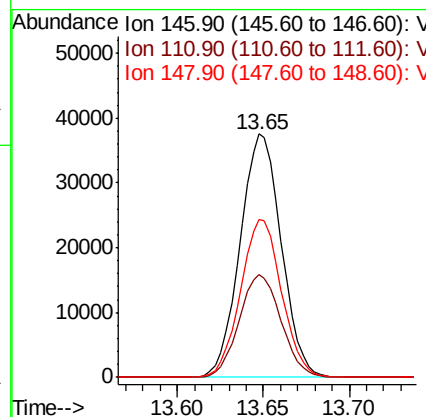
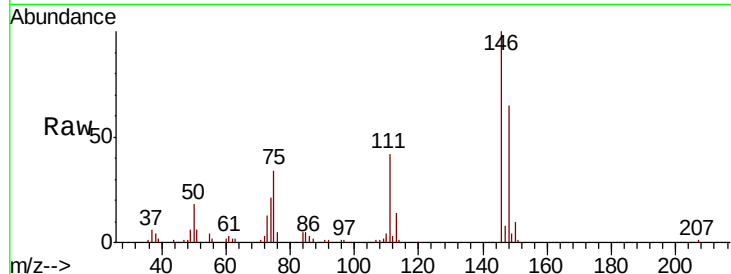




#91  
 1,2-Dichlorobenzene  
 Concen: 19.234 ug/l  
 RT: 13.65 min Scan# 3693  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

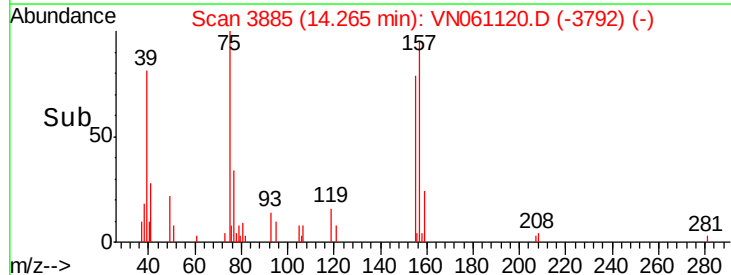
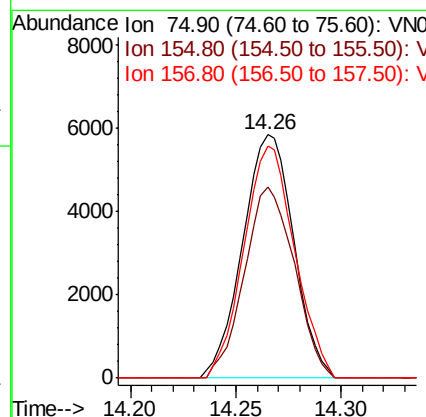
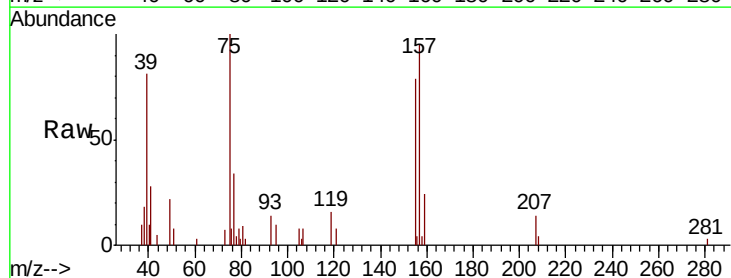
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBS02

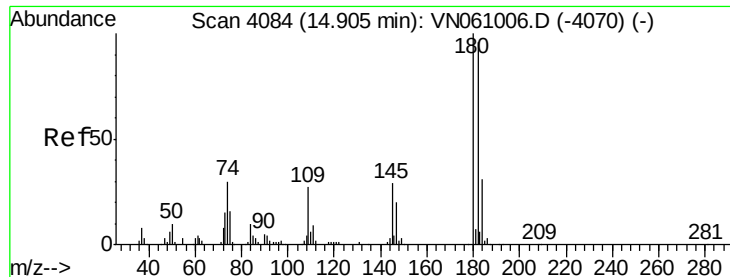
Tot Ion:146 Resp: 62537  
 Ion Ratio Lower Upper  
 146 100  
 111 42.7 21.3 64.0  
 148 64.5 32.0 96.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.301 ug/l  
 RT: 14.26 min Scan# 3885  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Tgt Ion: 75 Resp: 9819  
 Ion Ratio Lower Upper  
 75 100  
 155 76.8 39.5 118.5  
 157 94.7 50.1 150.4

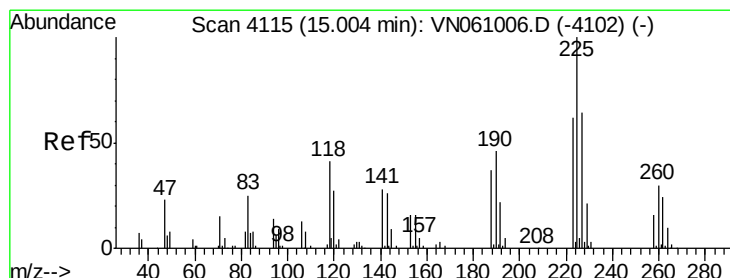
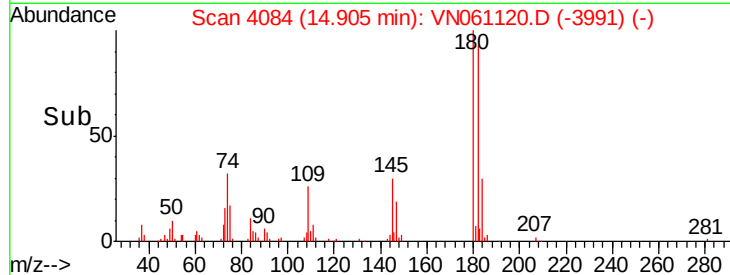
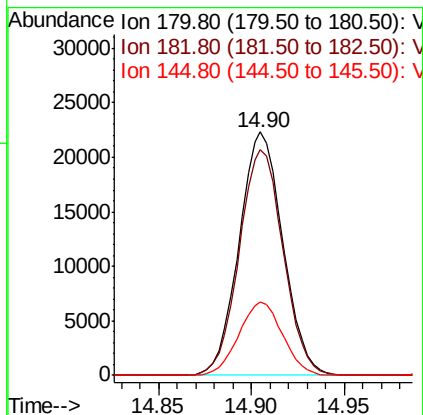
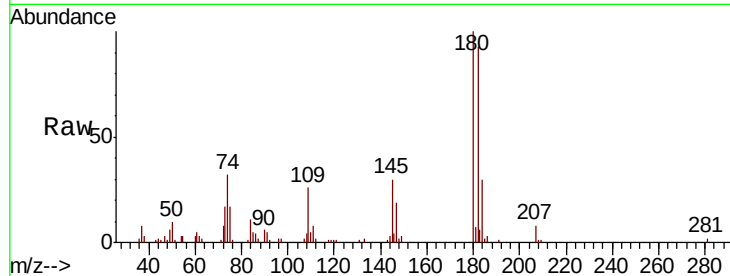




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.936 ug/l  
 RT: 14.90 min Scan# 4084  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

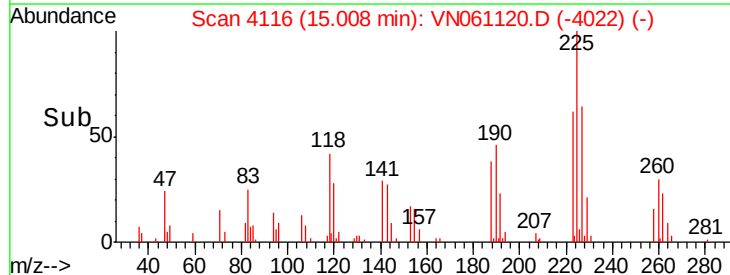
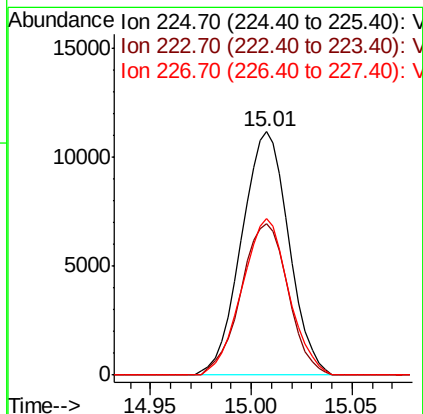
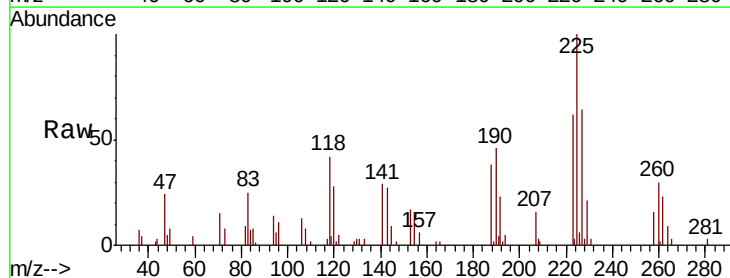
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBS02

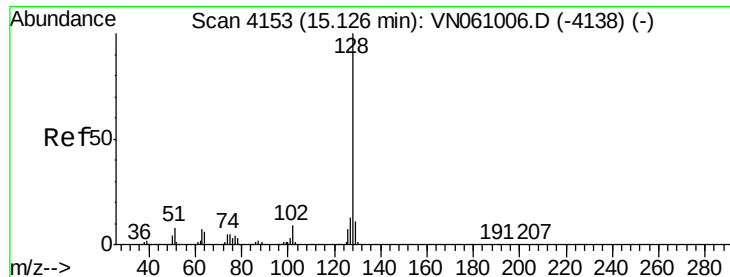
Tot Ion:180 Resp: 36441  
 Ion Ratio Lower Upper  
 180 100  
 182 93.3 47.8 143.3  
 145 30.2 15.3 45.8



#94  
 Hexachlorobutadiene  
 Concen: 18.515 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN061120.D  
 Acq: 20 Apr 2020 23:24

Tgt Ion:225 Resp: 18330  
 Ion Ratio Lower Upper  
 225 100  
 223 62.1 31.3 93.8  
 227 63.4 31.9 95.5





#95

Naphthalene

Concen: 19.179 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0420WBS02

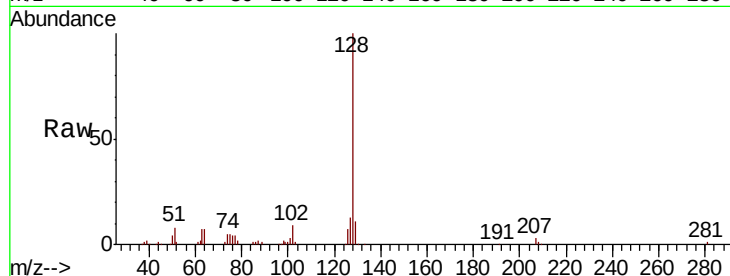
Tot Ion:128 Resp: 107641

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

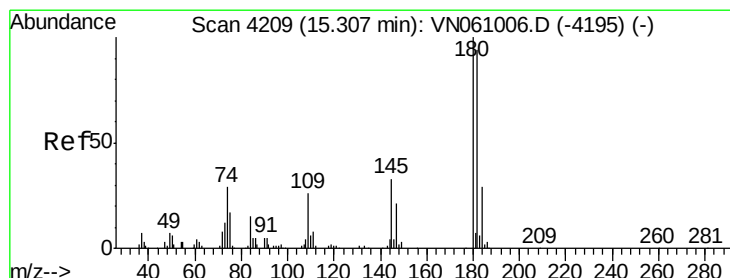
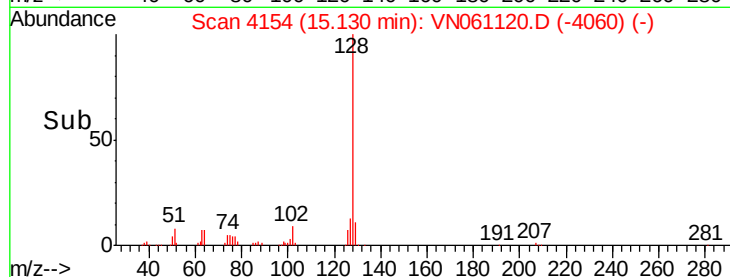
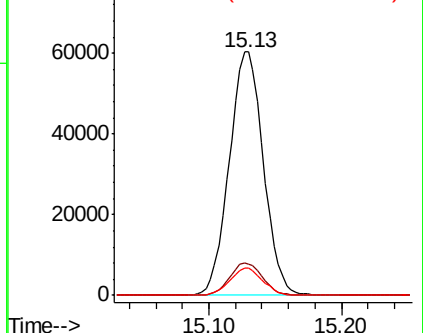
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.386 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN061120.D

Acq: 20 Apr 2020 23:24

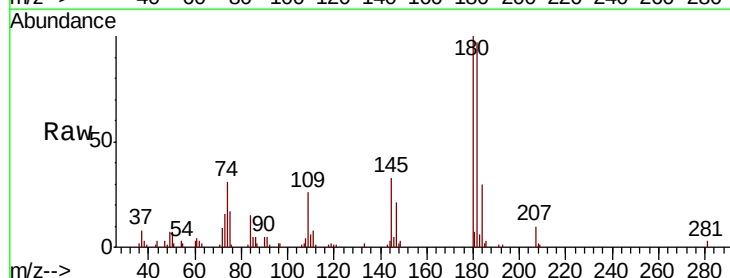
Tgt Ion:180 Resp: 35954

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 33.1 16.4 49.2



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

