

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\  
 Data File : VN055631.D  
 Acq On : 17 May 2019 23:27  
 Operator : JC/SP  
 Sample : K2902-03MS  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 18 03:14:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051719W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 23:54:12 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 330533   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 505196   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 449092   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 209912   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 183619   | 50.68 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.36% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 165518   | 51.58 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.16% |          |
| 50) Toluene-d8              | 10.09 | 98   | 615910   | 50.76 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.52% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 216555   | 51.68 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.36% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 118820   | 46.722  | ug/l  | 98     |
| 3) Chloromethane              | 2.06 | 50   | 161521   | 47.617  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.18 | 62   | 176800   | 48.133  | ug/l  | 99     |
| 5) Bromomethane               | 2.56 | 94   | 113630   | 48.541  | ug/l  | 99     |
| 6) Chloroethane               | 2.71 | 64   | 101331   | 49.685  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 3.03 | 101  | 228372   | 48.518  | ug/l  | 99     |
| 8) Diethyl Ether              | 3.41 | 74   | 94725    | 50.095  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.77 | 101  | 136262   | 47.485  | ug/l  | 99     |
| 10) Methyl Iodide             | 3.96 | 142  | 197293   | 47.690  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.77 | 59   | 177445   | 262.616 | ug/l  | 97     |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 144125   | 47.745  | ug/l  | 99     |
| 13) Acrolein                  | 3.61 | 56   | 79980    | 232.153 | ug/l  | 100    |
| 14) Allyl chloride            | 4.33 | 41   | 229671   | 47.130  | ug/l  | 100    |
| 15) Acrylonitrile             | 4.99 | 53   | 387570   | 257.816 | ug/l  | 100    |
| 16) Acetone                   | 3.81 | 43   | 314041   | 212.383 | ug/l  | 100    |
| 17) Carbon Disulfide          | 4.06 | 76   | 392189   | 46.736  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.32 | 43   | 129077   | 40.718  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 487796   | 48.846  | ug/l  | 99     |
| 20) Methylene Chloride        | 4.56 | 84   | 161892   | 47.975  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96   | 153301   | 47.673  | ug/l  | 99     |
| 22) Diisopropyl ether         | 5.95 | 45   | 460286   | 47.666  | ug/l  | 95     |
| 23) Vinyl Acetate             | 5.90 | 43   | 1606638  | 196.083 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 277615   | 49.031  | ug/l  | 100    |
| 25) 2-Butanone                | 6.83 | 43   | 509726   | 246.546 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 166569   | 33.147  | ug/l  | 96     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 179995   | 48.069  | ug/l  | 96     |
| 28) Bromochloromethane        | 7.20 | 49   | 125178   | 50.818  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 7.21 | 42   | 341780   | 249.525 | ug/l  | 99     |
| 30) Chloroform                | 7.37 | 83   | 277457   | 47.739  | ug/l  | 100    |
| 31) Cyclohexane               | 7.66 | 56   | 245583   | 45.701  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 248149   | 47.602  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.80 | 75   | 210767   | 46.794  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.93 | 43   | 174787   | 43.004  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.78 | 117  | 222104   | 46.146  | ug/l  | 99     |

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Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 18 03:14:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051719W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 23:54:12 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 243794   | 44.901   | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 641897   | 48.452   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.21  | 41   | 299124   | 172.138  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 211025   | 49.190   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.16  | 43   | 308366   | 43.616   | ug/l   | 99       |
| 44) Trichloroethene            | 8.84  | 130  | 185219   | 49.547   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 167507   | 47.995   | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 111815   | 48.951   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.40  | 83   | 227893   | 47.602   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 158448   | 50.140   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 70182    | 1117.673 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1031877  | 248.815  | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 404772   | 48.713   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 240829   | 46.739   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 263959   | 46.761   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 165892   | 48.495   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 256214   | 47.980   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 265418   | 48.989   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.73  | 63   | 1855     | 0.818    | ug/l # | 46       |
| 59) 2-Hexanone                 | 10.75 | 43   | 730423   | 250.161  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 192399   | 49.625   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 170773   | 49.893   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 162978   | 46.011   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 435437   | 47.938   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 173733   | 47.543   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 759700   | 46.949   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 577167   | 94.452   | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 282854   | 47.326   | ug/l   | 98       |
| 70) Styrene                    | 11.96 | 104  | 479153   | 48.216   | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 153144   | 49.453   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 739172   | 50.189   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 226591   | 38.443   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 235784   | 51.182   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 279779   | 65.319   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 202238   | 46.912   | ug/l   | 95       |
| 78) n-propylbenzene            | 12.59 | 91   | 809748   | 43.439   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 491300   | 49.221   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 618733   | 49.133   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 68739    | 41.253   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 489549   | 44.573   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 537166   | 50.298   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 610989   | 48.578   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 688224   | 48.998   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 628415   | 48.026   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 330668   | 46.391   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 325166   | 47.778   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 505996   | 43.928   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 123327   | 49.375   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 330268   | 46.481   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 46434    | 48.743   | ug/l   | 96       |

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ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: May 18 03:14:02 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051719W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 17 23:54:12 2019  
Response via : Initial Calibration

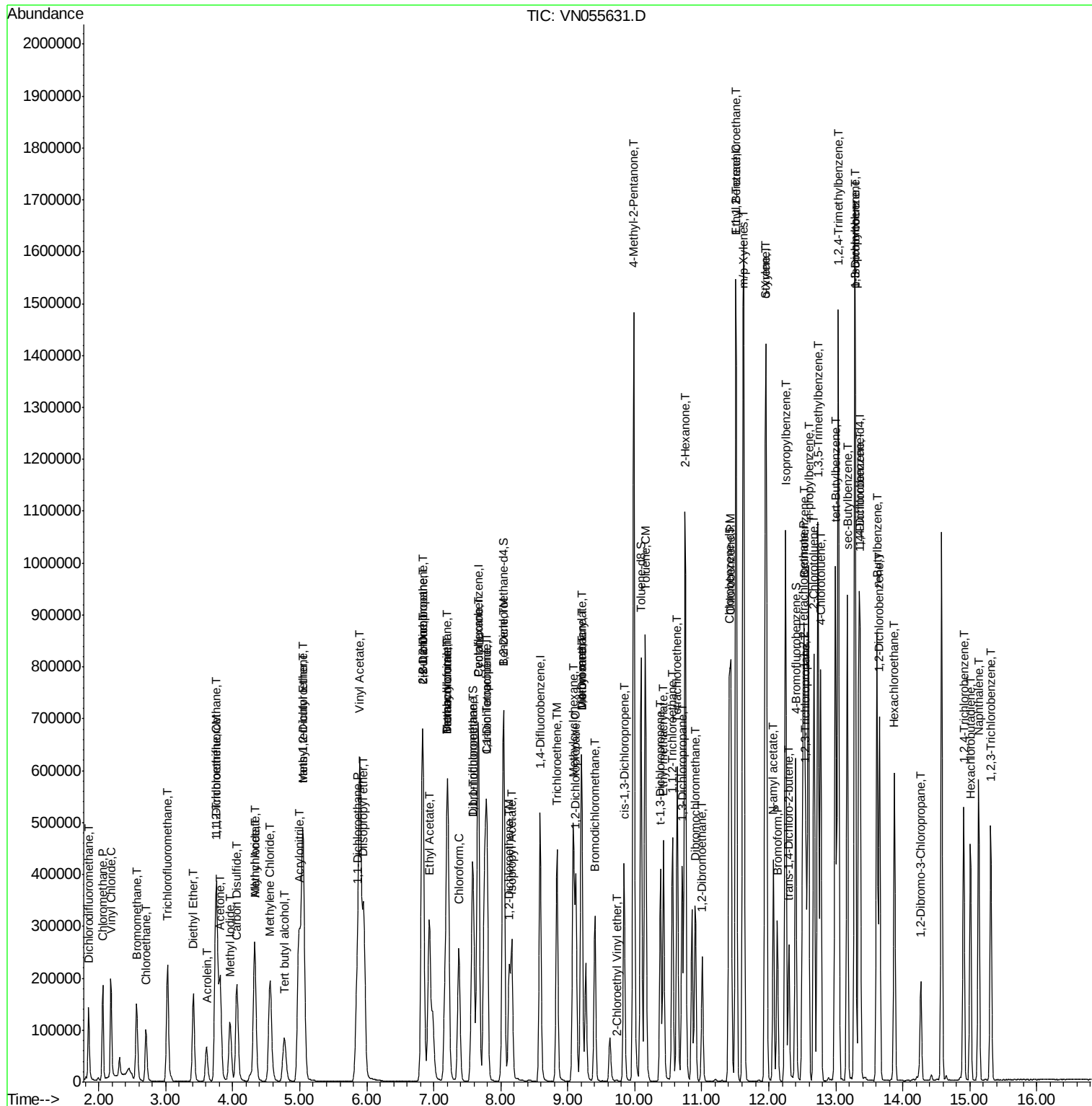
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 186385   | 51.533 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 102466   | 46.750 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 517723   | 47.521 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 185635   | 49.088 | ug/l  | 100      |

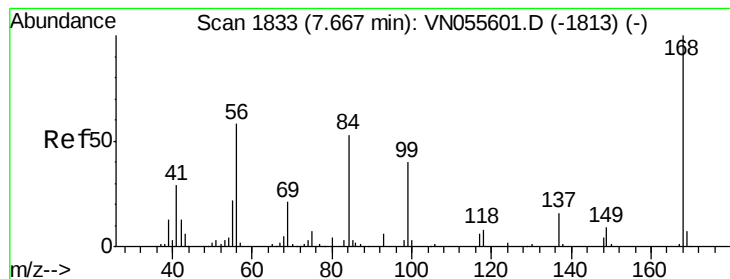
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051719\  
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 Sample : K2902-03MS  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

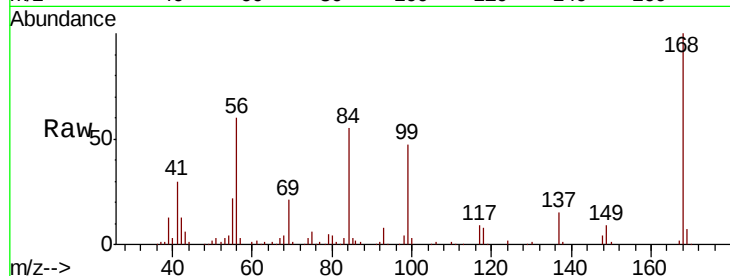
ClientSampleId :

Tot Ion:168 Resp: 330533

Ion Ratio Lower Upper

168 100

99 47.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

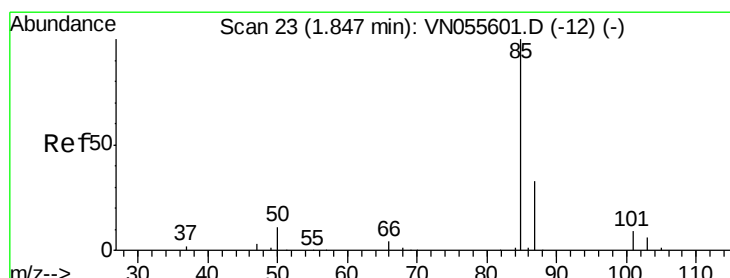
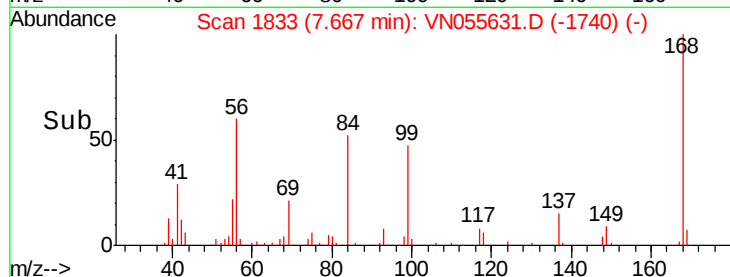
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.722 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055631.D

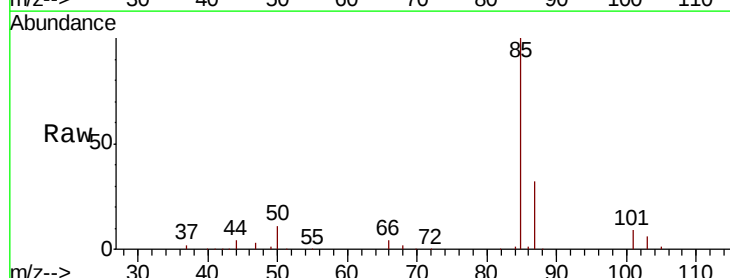
Acq: 17 May 2019 23:27

Tgt Ion: 85 Resp: 118820

Ion Ratio Lower Upper

85 100

87 32.2 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

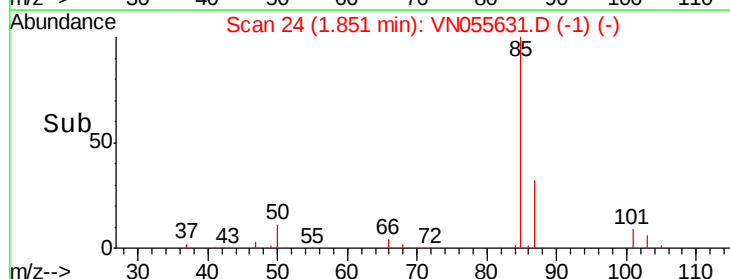
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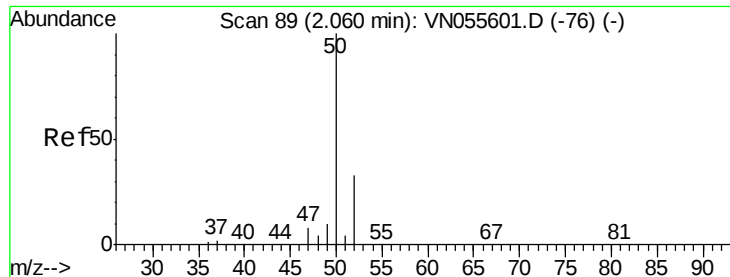
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0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 47.617 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

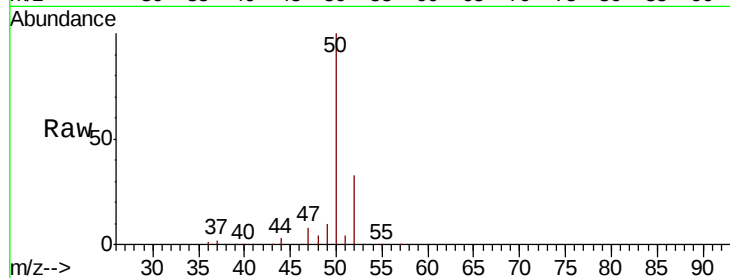
ClientSampleId :

Tot Ion: 50 Resp: 161521

Ion Ratio Lower Upper

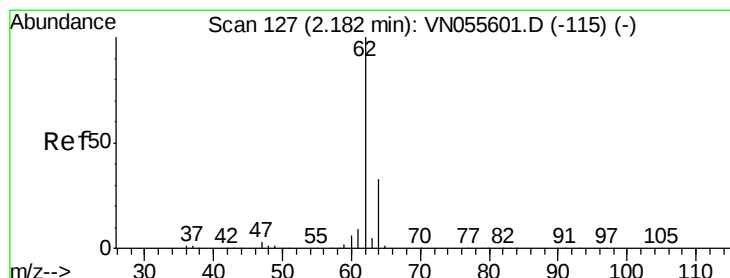
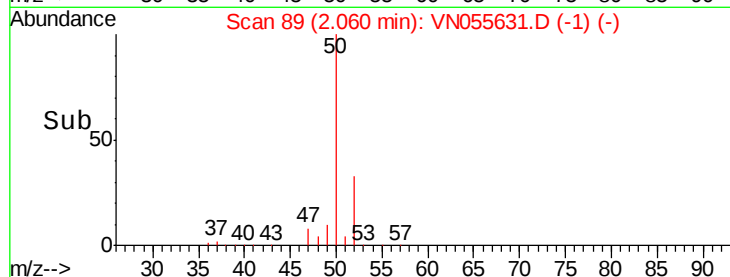
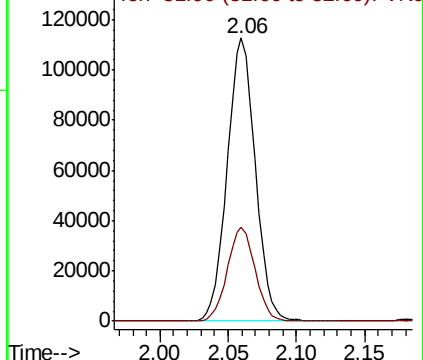
50 100

52 33.1 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 48.133 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN055631.D

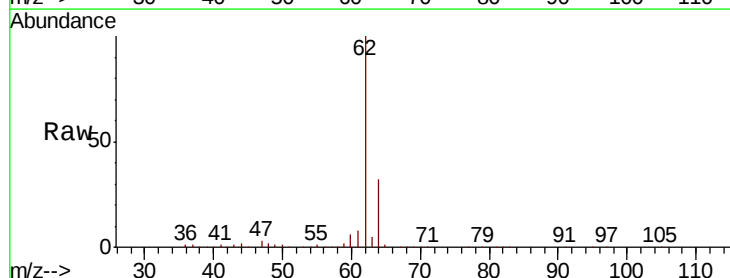
Acq: 17 May 2019 23:27

Tgt Ion: 62 Resp: 176800

Ion Ratio Lower Upper

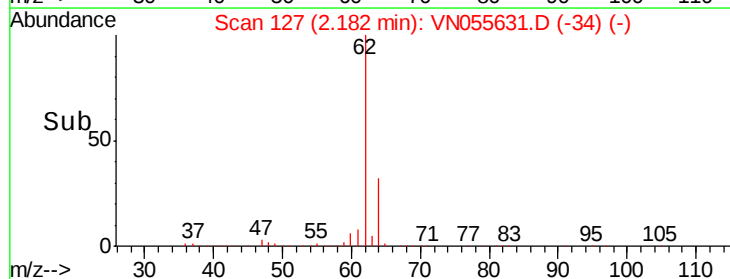
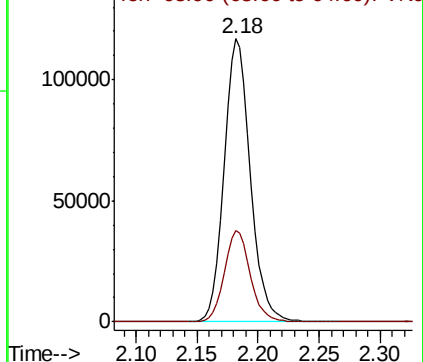
62 100

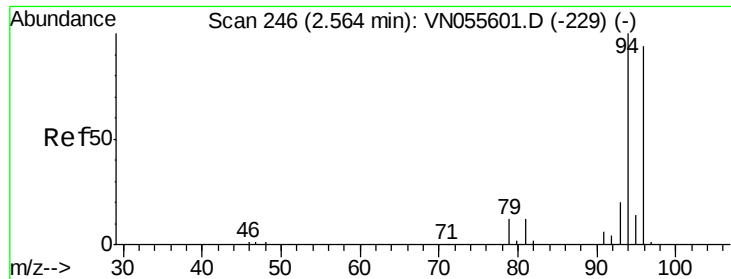
64 32.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

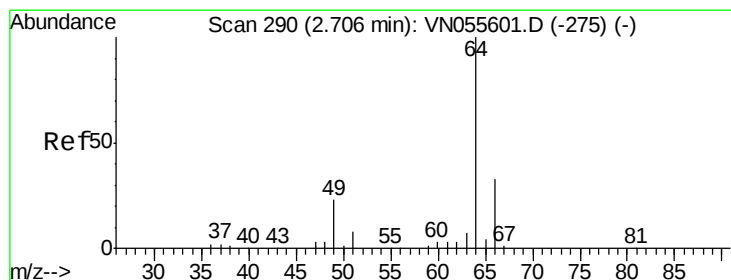
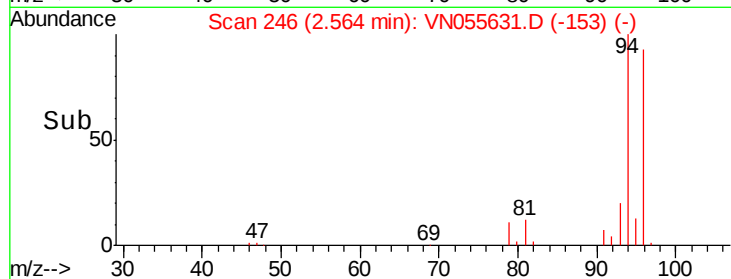
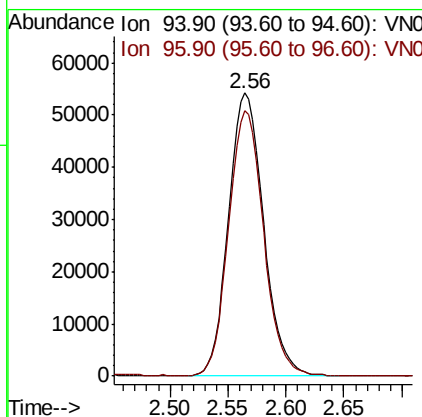
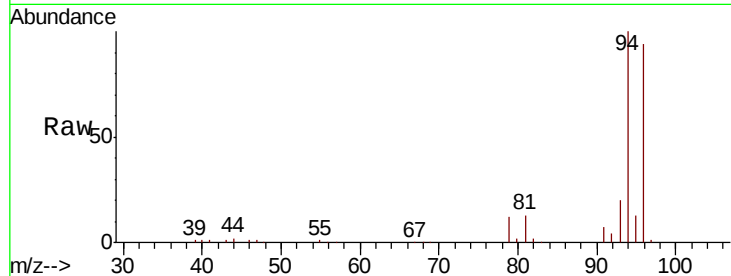




#5  
Bromomethane  
Concen: 48.541 ug/l  
RT: 2.56 min Scan# 246  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

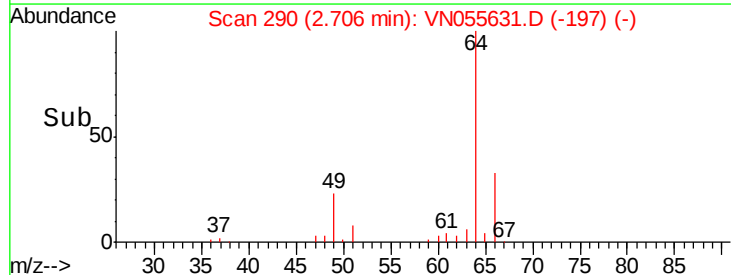
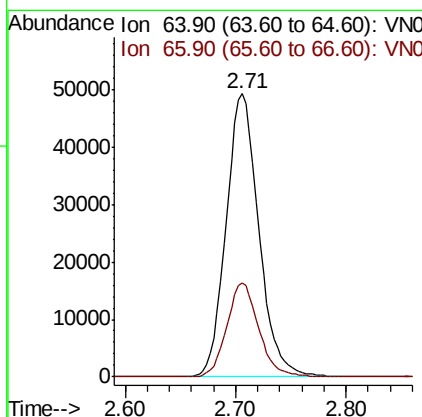
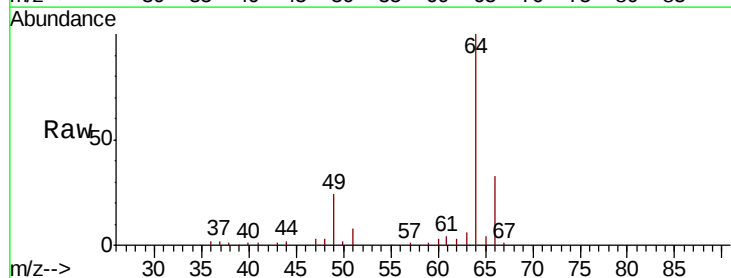
Instrument :  
MSVOA\_N  
ClientSampled :

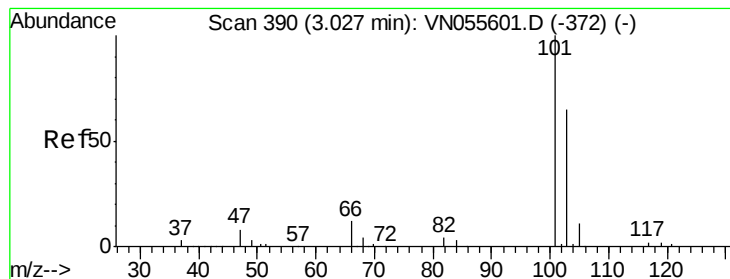
Tot Ion: 94 Resp: 113630  
Ion Ratio Lower Upper  
94 100  
96 93.3 75.2 112.8



#6  
Chloroethane  
Concen: 49.685 ug/l  
RT: 2.71 min Scan# 290  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 64 Resp: 101331  
Ion Ratio Lower Upper  
64 100  
66 33.2 26.2 39.4



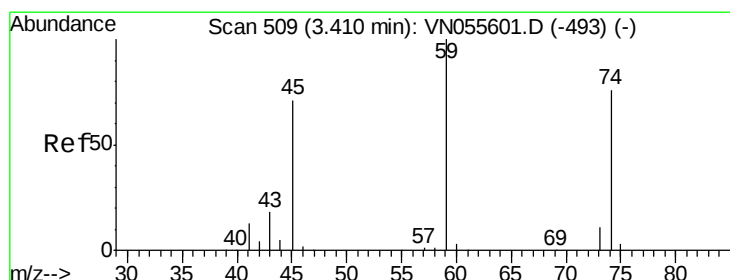
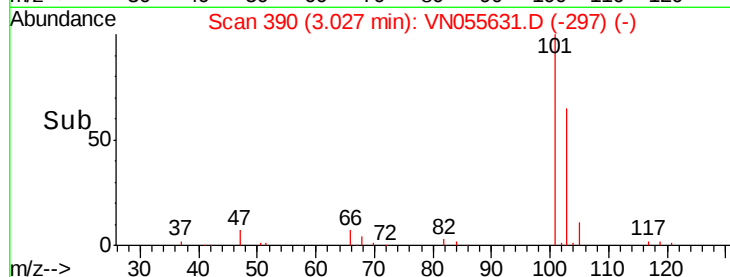
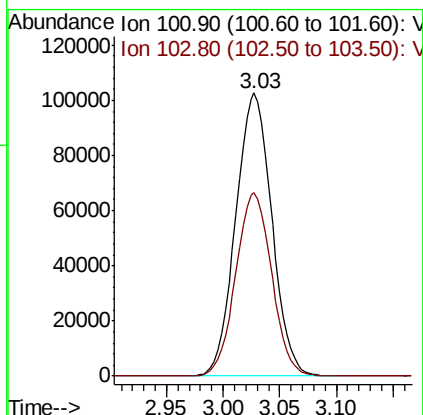
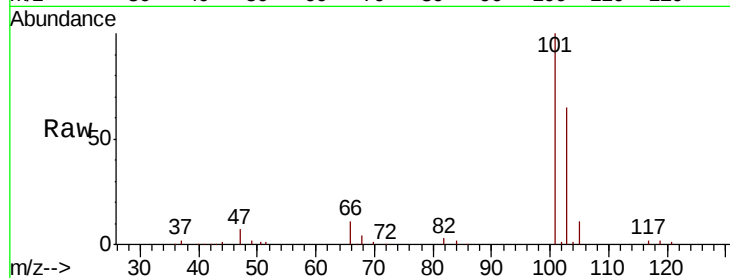


#7

Trichlorofluoromethane  
Concen: 48.518 ug/l  
RT: 3.03 min Scan# 390  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Instrument :  
MSVOA\_N  
ClientSampled :

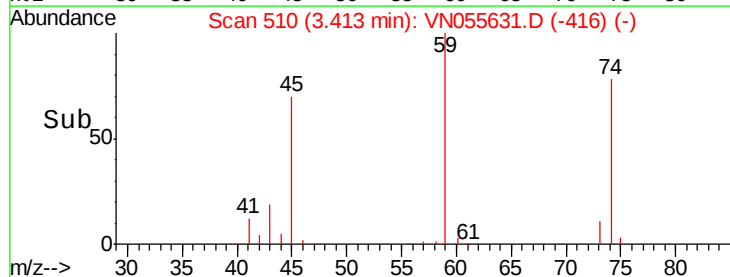
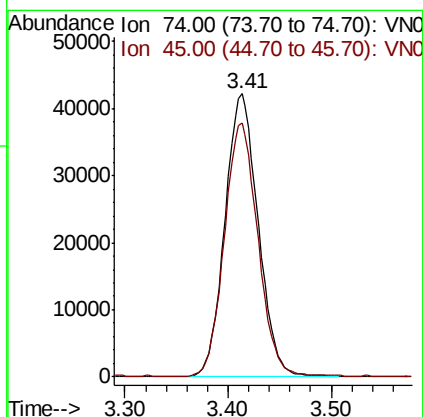
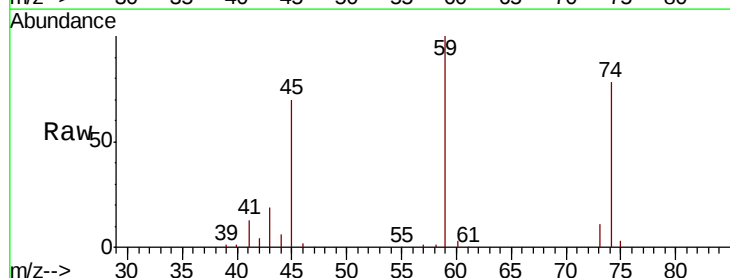
Tot Ion:101 Resp: 228372  
Ion Ratio Lower Upper  
101 100  
103 64.8 52.3 78.5

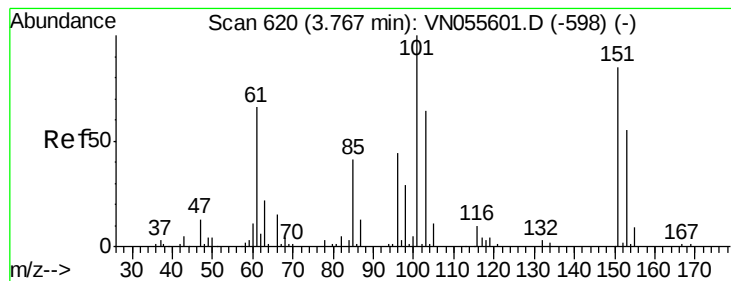


#8

Diethyl Ether  
Concen: 50.095 ug/l  
RT: 3.41 min Scan# 510  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 74 Resp: 94725  
Ion Ratio Lower Upper  
74 100  
45 90.8 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.485 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

ClientSampleId :

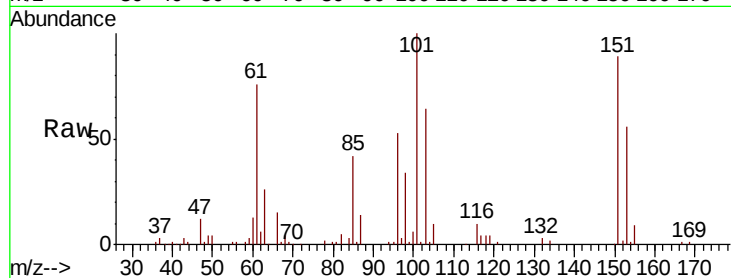
Tot Ion:101 Resp: 136262

Ion Ratio Lower Upper

101 100

85 41.5 33.4 50.0

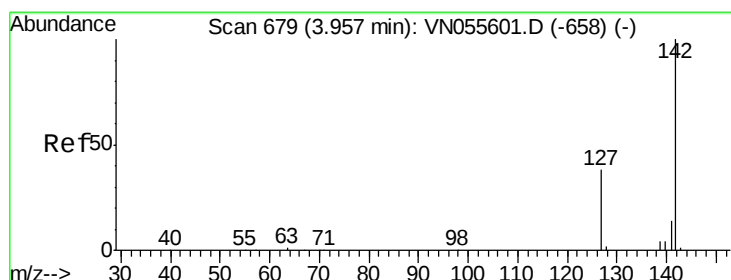
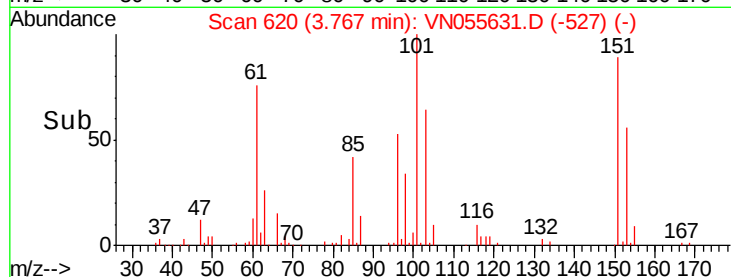
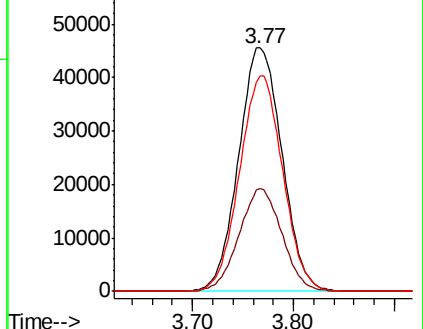
151 87.7 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.690 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

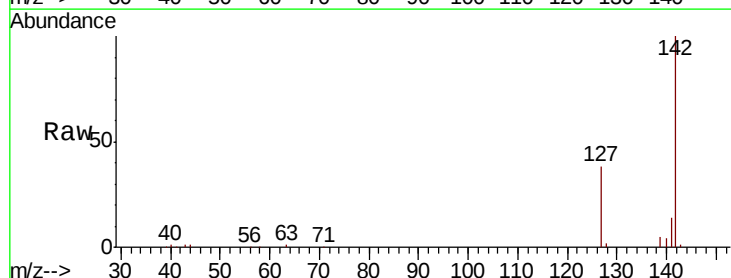
Tgt Ion:142 Resp: 197293

Ion Ratio Lower Upper

142 100

127 38.0 31.0 46.4

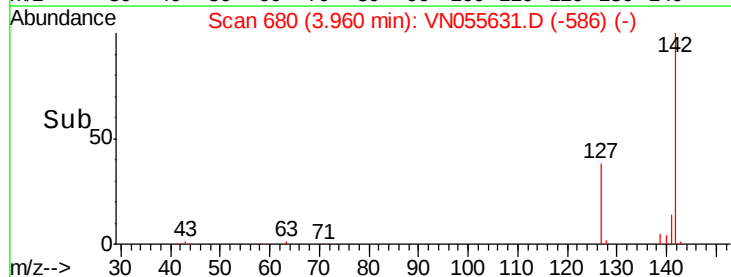
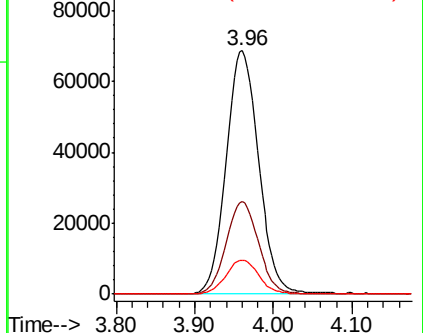
141 14.1 11.5 17.3

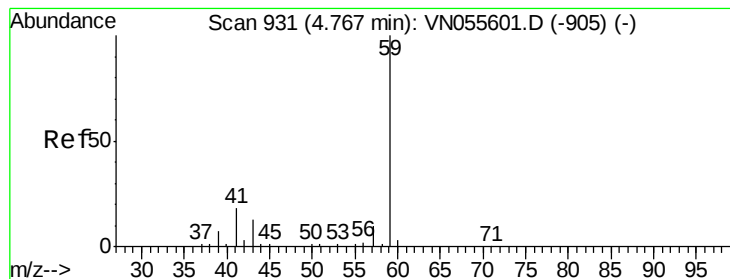


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



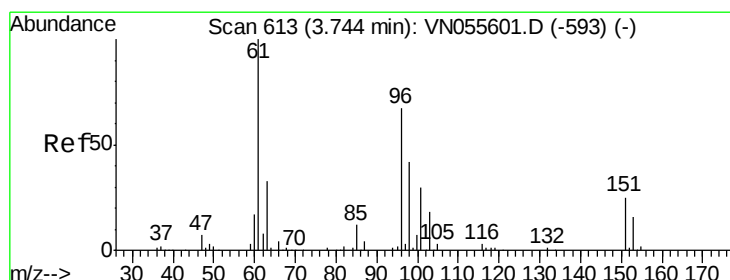
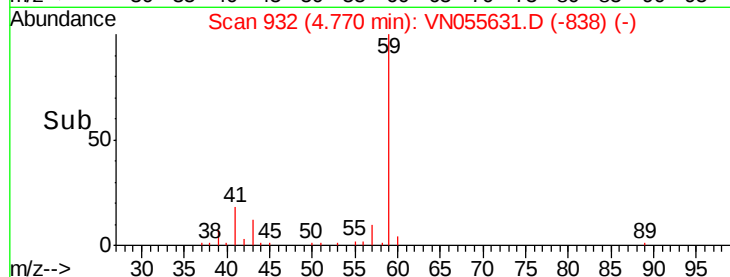
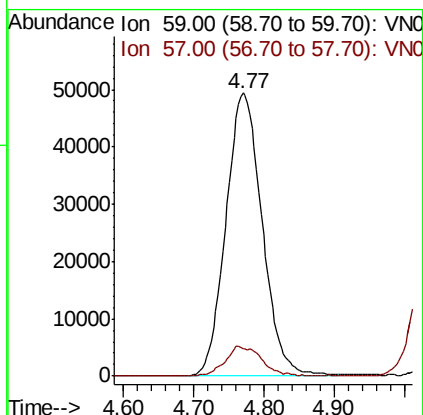
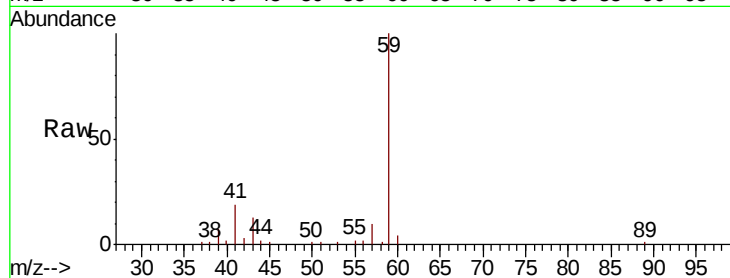


#11

Tert butyl alcohol  
 Concen: 262.616 ug/l  
 RT: 4.77 min Scan# 932  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

Instrument :  
 MSVOA\_N  
 ClientSampled :

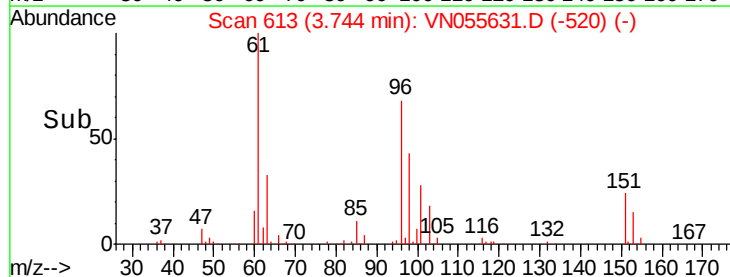
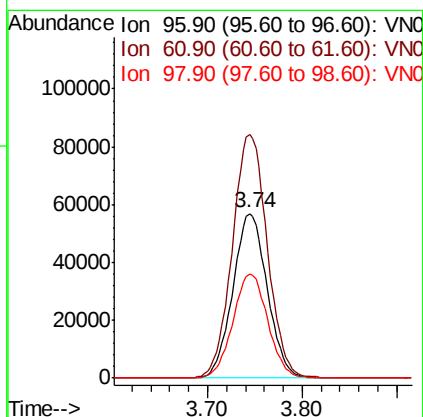
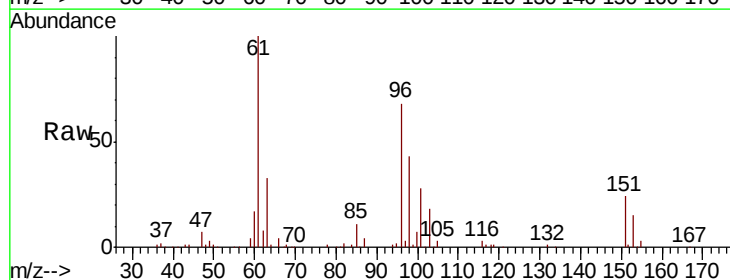
Tot Ion: 59 Resp: 177445  
 Ion Ratio Lower Upper  
 59 100  
 57 10.8 7.8 11.6

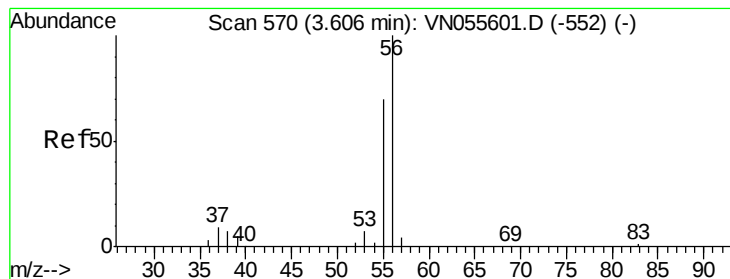


#12

1,1-Dichloroethene  
 Concen: 47.745 ug/l  
 RT: 3.74 min Scan# 613  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

Tgt Ion: 96 Resp: 144125  
 Ion Ratio Lower Upper  
 96 100  
 61 147.8 120.2 180.2  
 98 63.0 50.6 75.8





#13

Acrolein

Concen: 232.153 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

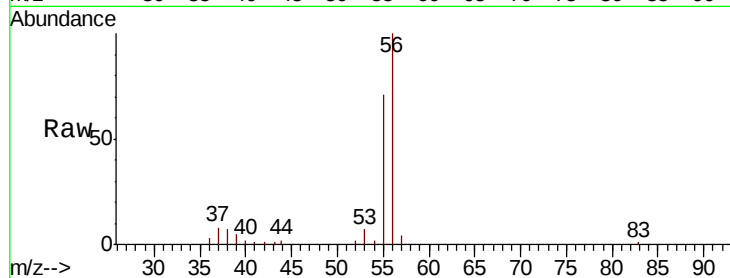
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 56 Resp: 79980

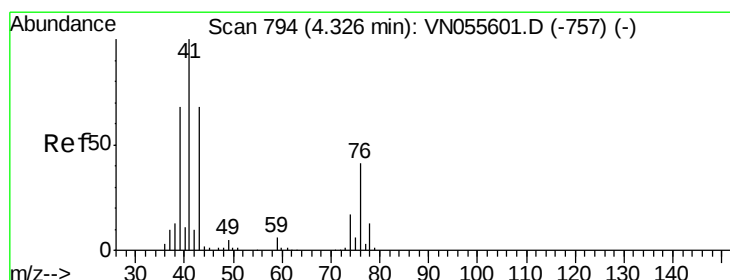
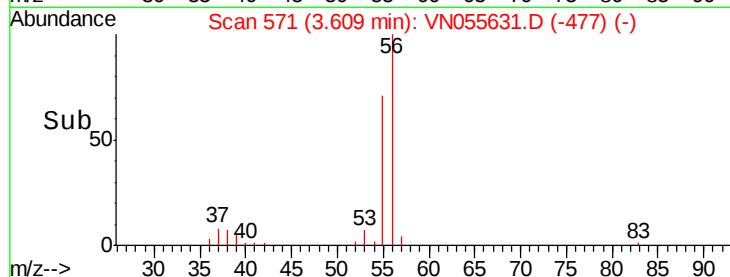
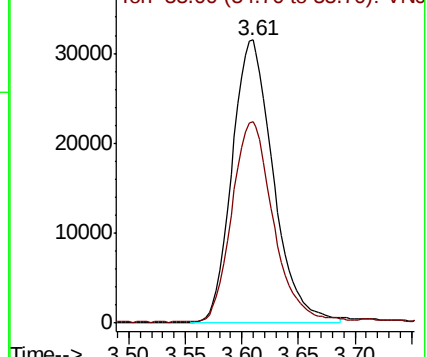
Ion Ratio Lower Upper

56 100

55 70.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN055631.D (-477) (-)



#14

Allyl chloride

Concen: 47.130 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

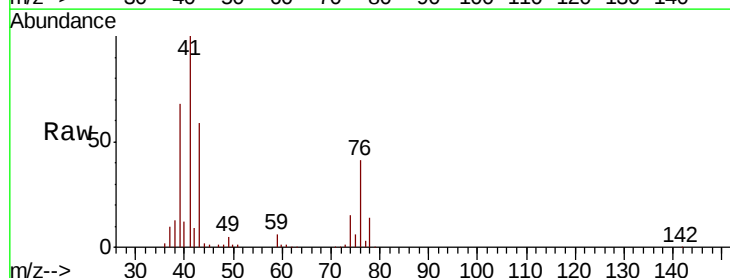
Tgt Ion: 41 Resp: 229671

Ion Ratio Lower Upper

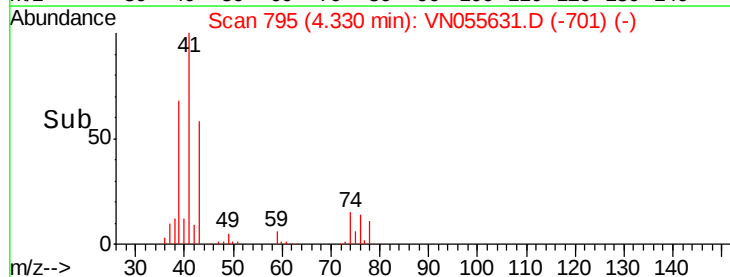
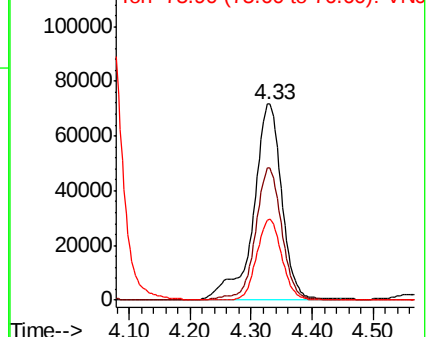
41 100

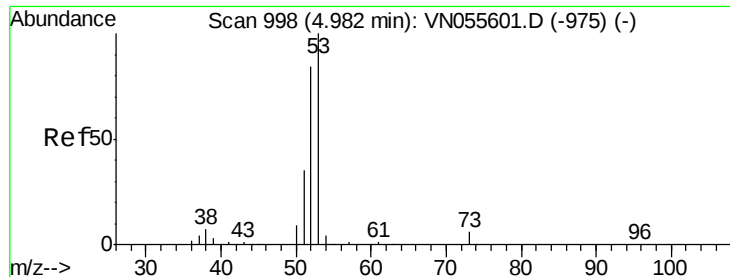
39 63.2 50.5 75.7

76 36.7 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VN055631.D (-701) (-)





#15

Acrylonitrile

Concen: 257.816 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

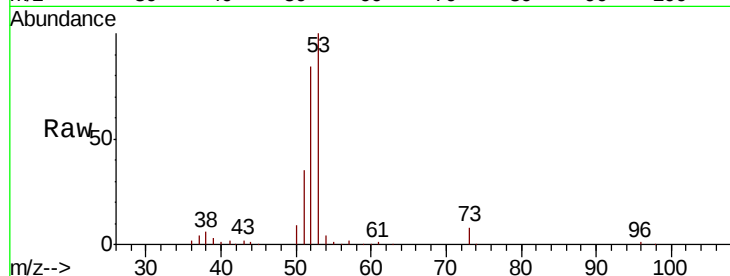
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 53 Resp: 387570

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.0  | 66.2  | 99.4  |
| 51  | 35.7  | 28.5  | 42.7  |

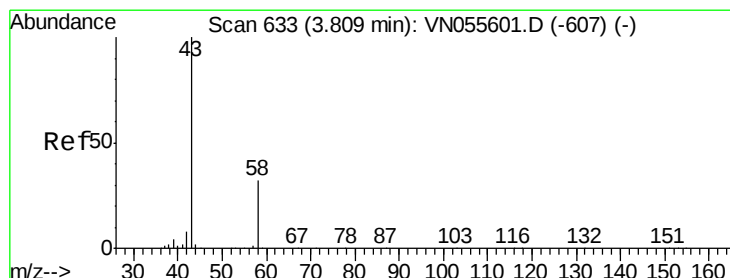
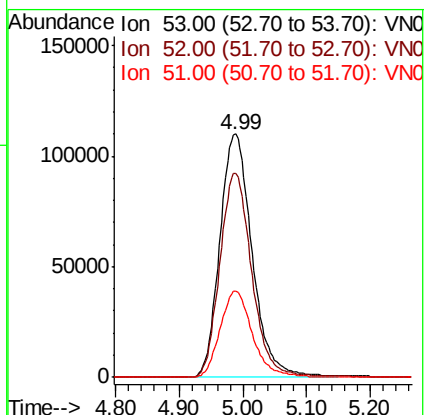
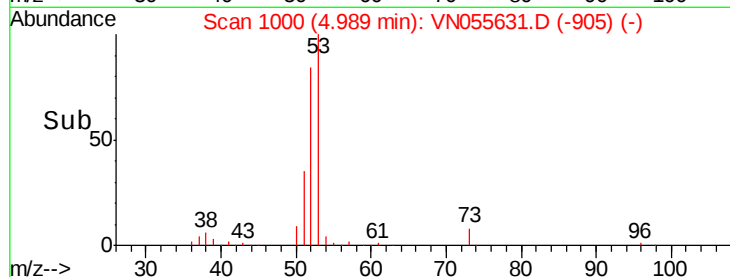


Abundance

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: 212.383 ug/l

RT: 3.81 min Scan# 634

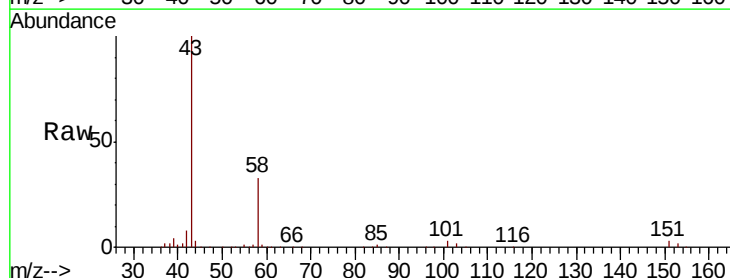
Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Tgt Ion: 43 Resp: 314041

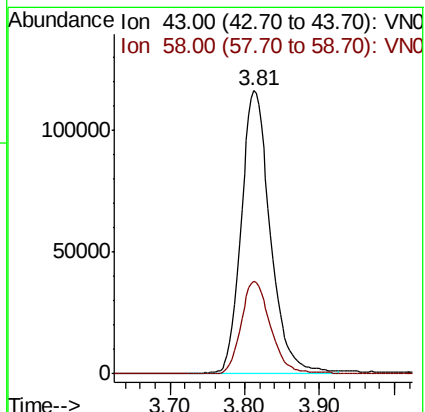
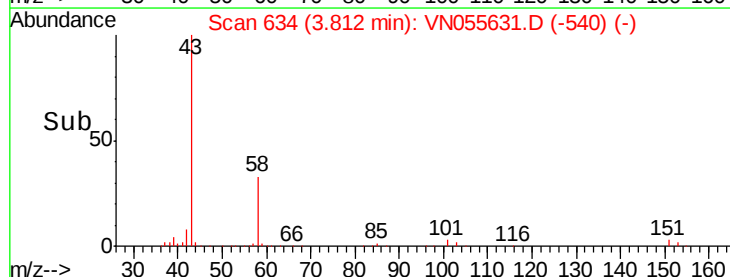
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.6  | 26.0  | 39.0  |

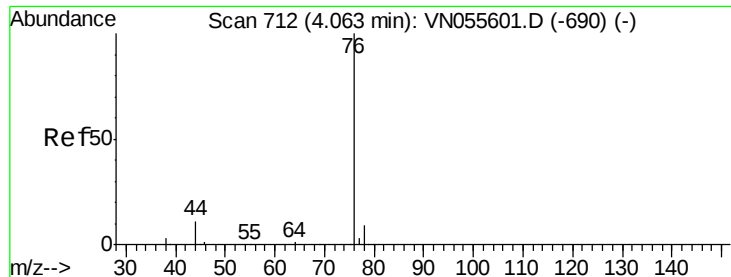


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

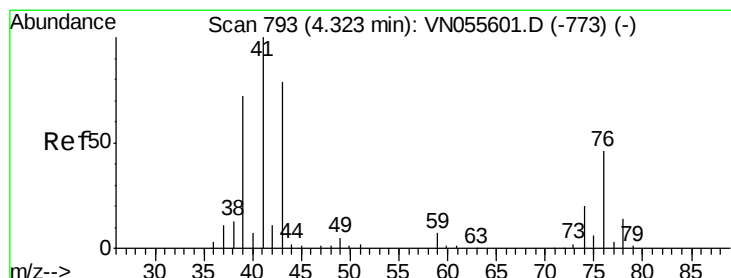
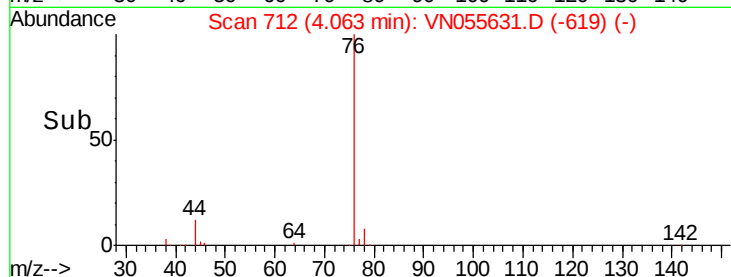
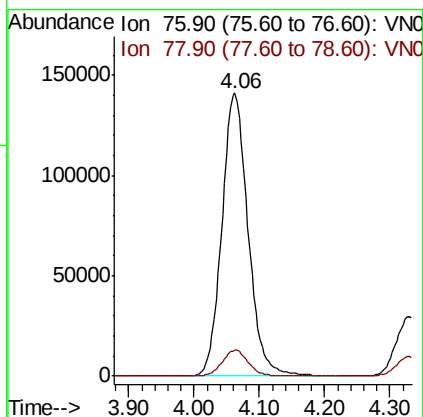
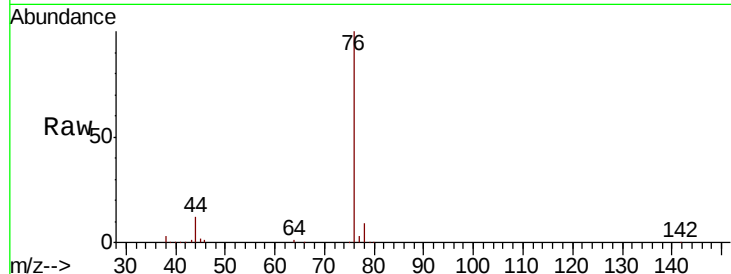




#17  
Carbon Disulfide  
Concen: 46.736 ug/l  
RT: 4.06 min Scan# 712  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

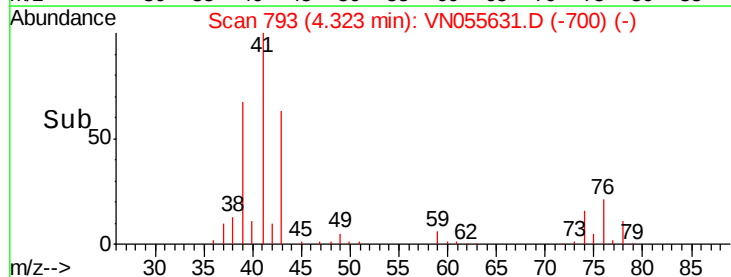
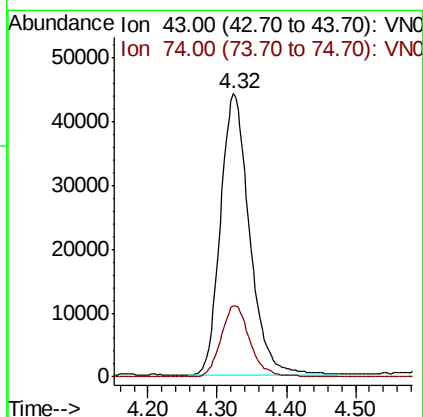
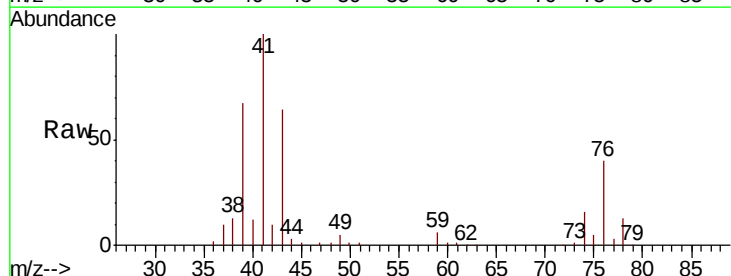
Instrument :  
MSVOA\_N  
ClientSampled :

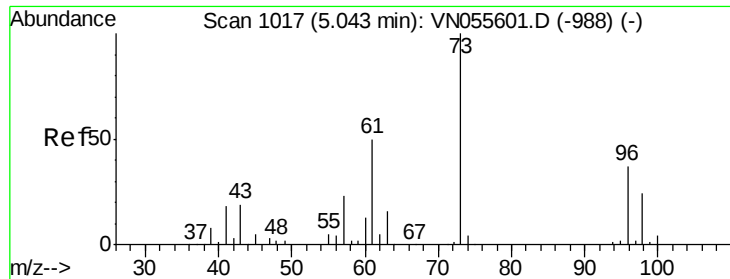
Tot Ion: 76 Resp: 392189  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.3 10.9



#18  
Methyl Acetate  
Concen: 40.718 ug/l  
RT: 4.32 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 43 Resp: 129077  
Ion Ratio Lower Upper  
43 100  
74 25.1 19.9 29.9

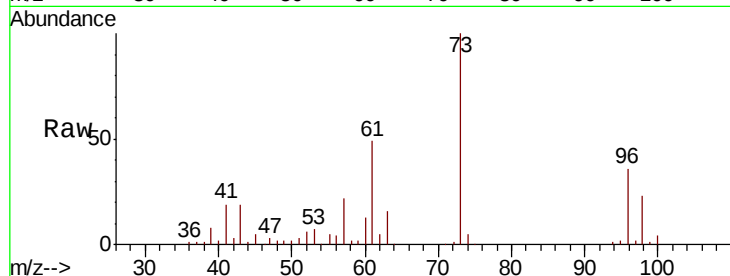




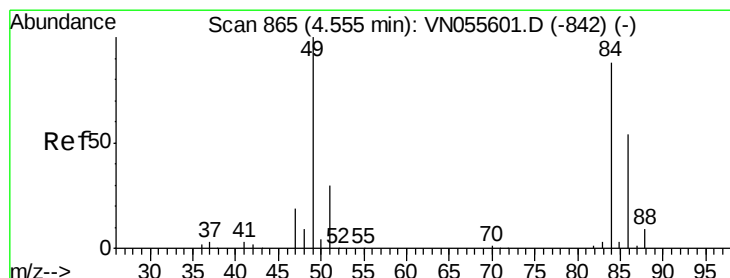
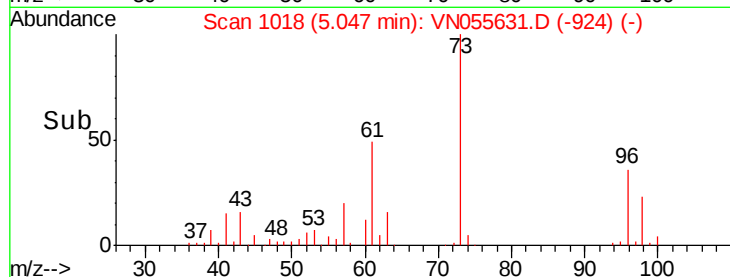
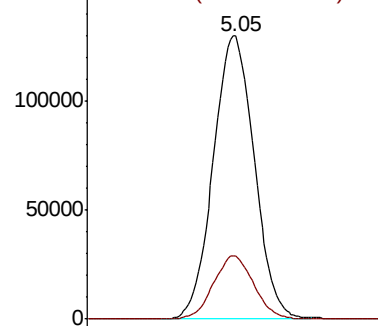
#19  
Methyl tert-butyl Ether  
Concen: 48.846 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 73 Resp: 487796  
Ion Ratio Lower Upper  
73 100  
57 22.4 18.2 27.2

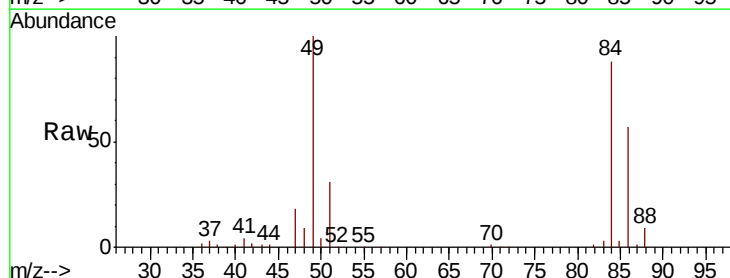


Abundance Ion 73.00 (72.70 to 73.70): VN055601.D (-988) (-)  
Ion 57.00 (56.70 to 57.70): VN055601.D (-988) (-)

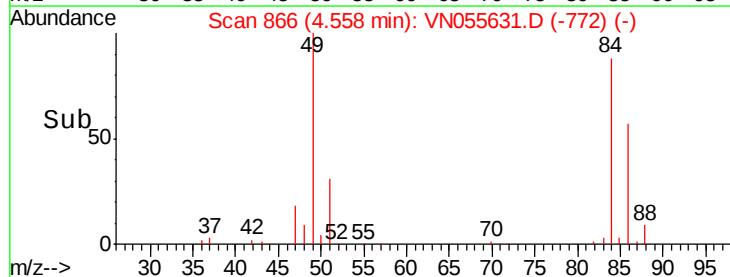
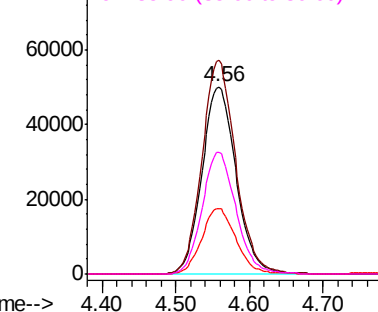


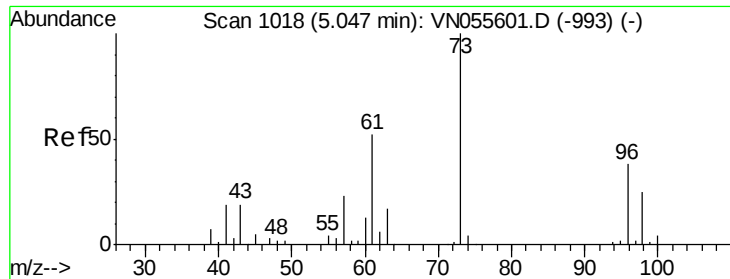
#20  
Methylene Chloride  
Concen: 47.975 ug/l  
RT: 4.56 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 84 Resp: 161892  
Ion Ratio Lower Upper  
84 100  
49 114.3 91.0 136.4  
51 35.0 27.5 41.3  
86 65.4 49.4 74.0



Abundance Ion 83.90 (83.60 to 84.60): VN055601.D (-842) (-)  
Ion 48.90 (48.60 to 49.60): VN055601.D (-842) (-)  
Ion 50.90 (50.60 to 51.60): VN055601.D (-842) (-)  
Ion 85.90 (85.60 to 86.60): VN055601.D (-842) (-)

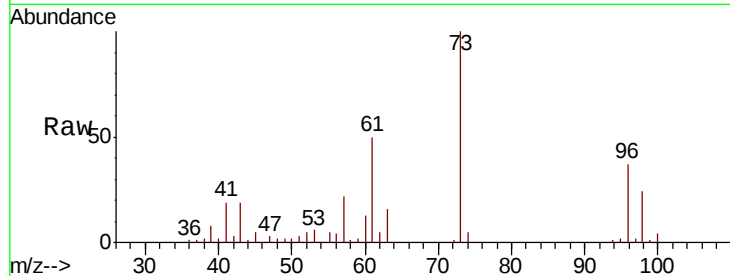




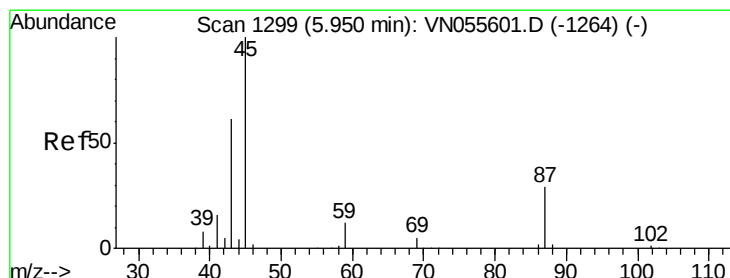
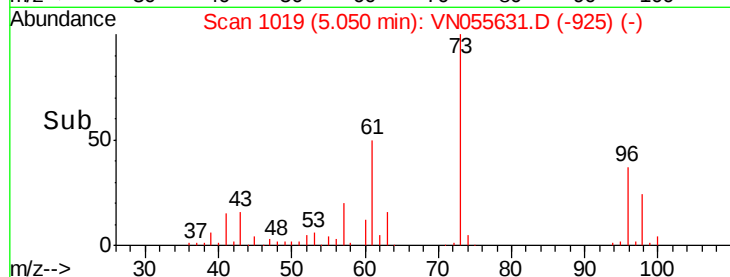
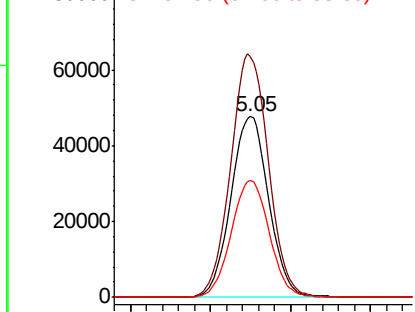
#21  
trans-1,2-Dichloroethene  
Concen: 47.673 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 96 Resp: 153301  
Ion Ratio Lower Upper  
96 100  
61 133.4 108.6 162.8  
98 64.6 51.4 77.0

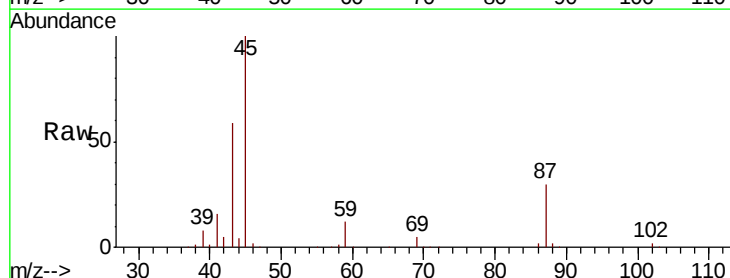


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

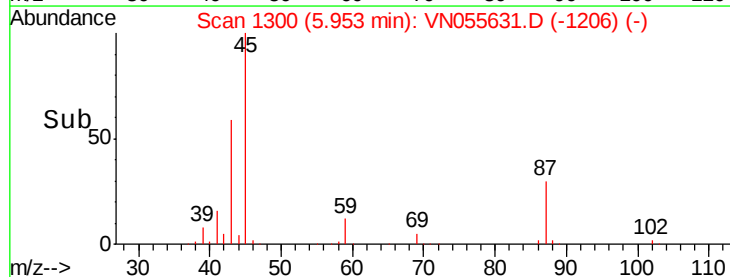
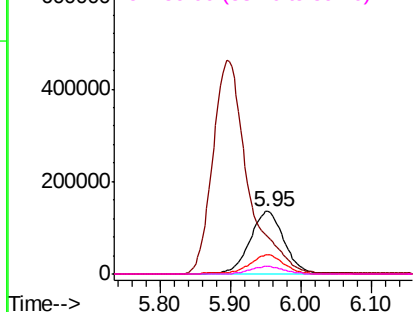


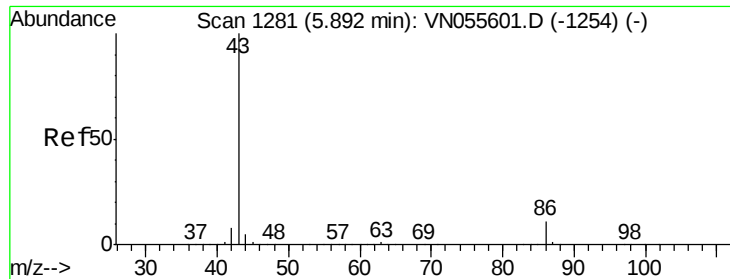
#22  
Diisopropyl ether  
Concen: 47.666 ug/l  
RT: 5.95 min Scan# 1300  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 45 Resp: 460286  
Ion Ratio Lower Upper  
45 100  
43 57.3 50.4 75.6  
87 30.1 23.8 35.6  
59 11.8 9.5 14.3



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

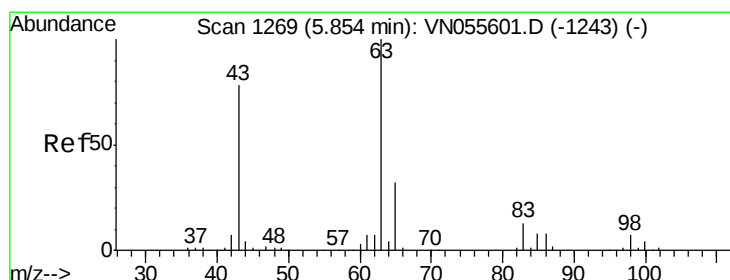
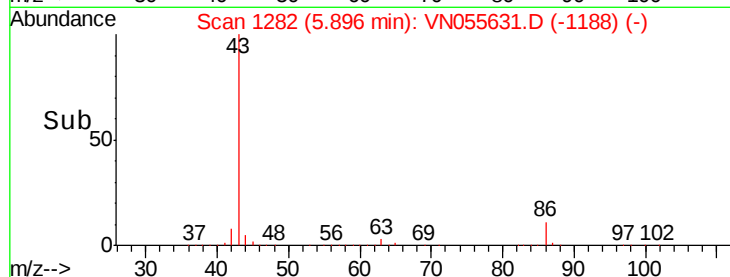
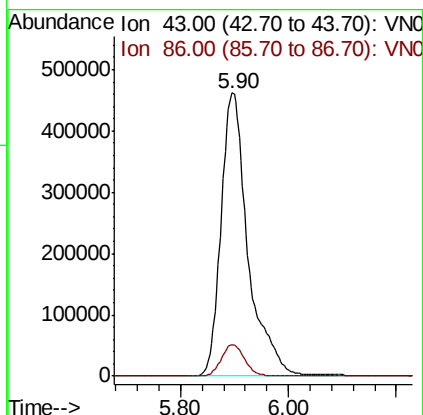
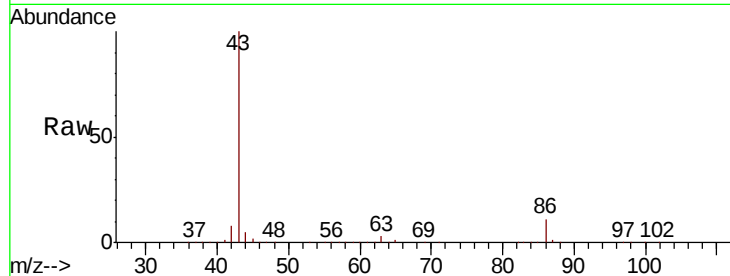




#23  
 Vinyl Acetate  
 Concen: 196.083 ug/l  
 RT: 5.90 min Scan# 1282  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

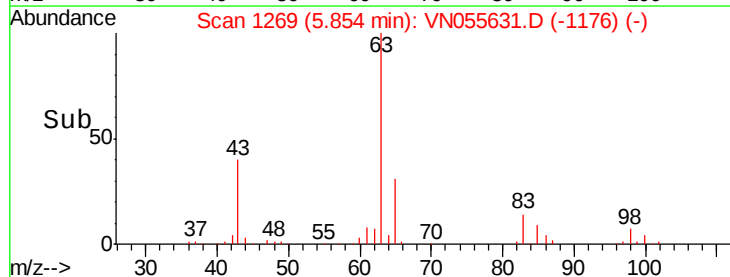
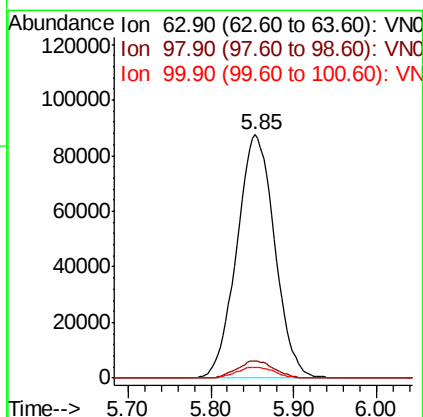
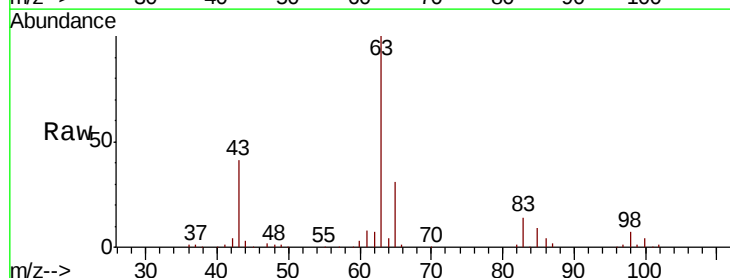
Instrument :  
 MSVOA\_N  
 ClientSampled :

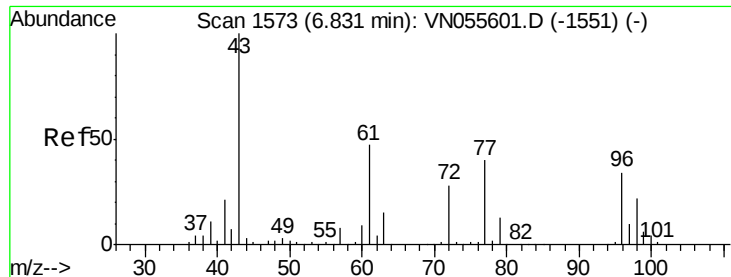
Tot Ion: 43 Resp: 1606638  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 8.7 13.1



#24  
 1,1-Dichloroethane  
 Concen: 49.031 ug/l  
 RT: 5.85 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

Tgt Ion: 63 Resp: 277615  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.4 10.2  
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 246.546 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

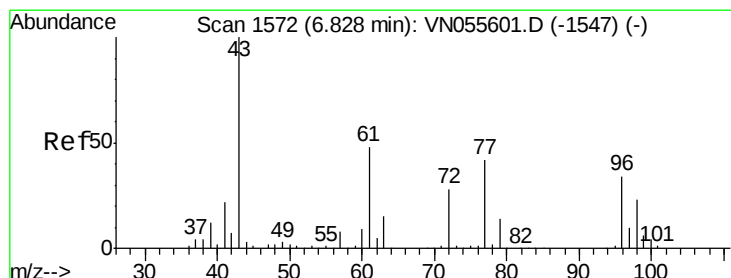
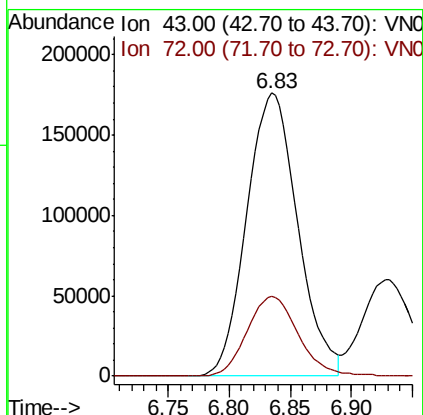
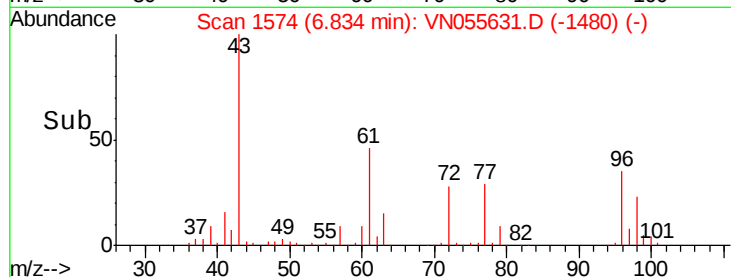
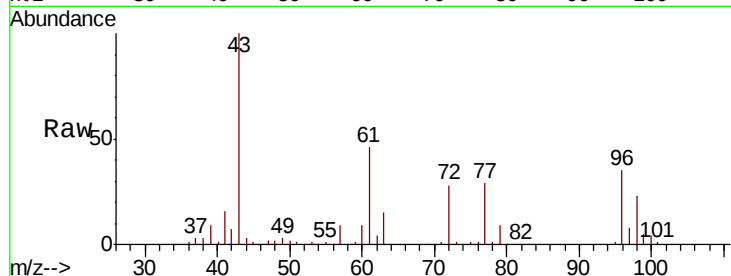
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 509726

Ion Ratio Lower Upper

43 100

72 28.1 22.3 33.5



#26

2,2-Dichloropropane

Concen: 33.147 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055631.D

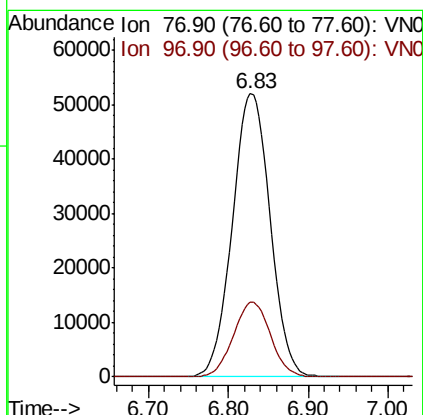
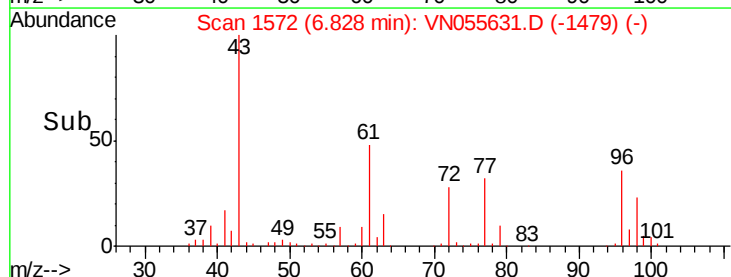
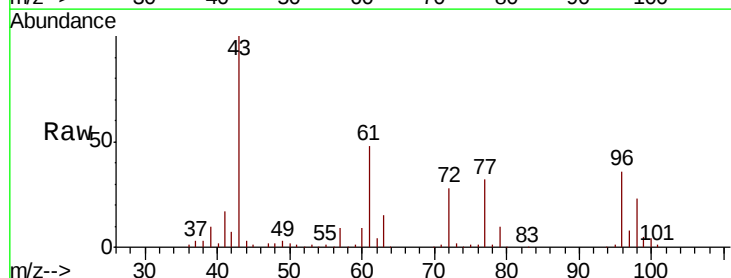
Acq: 17 May 2019 23:27

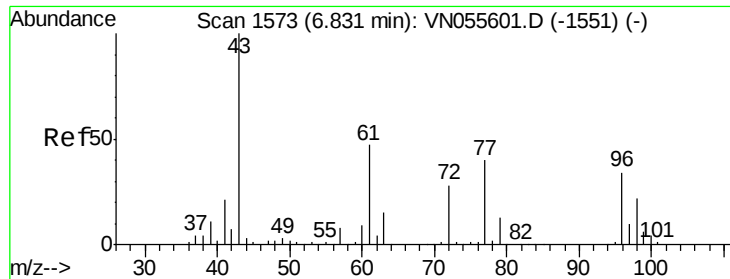
Tgt Ion: 77 Resp: 166569

Ion Ratio Lower Upper

77 100

97 25.9 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 48.069 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :  
MSVOA\_N  
ClientSampled :

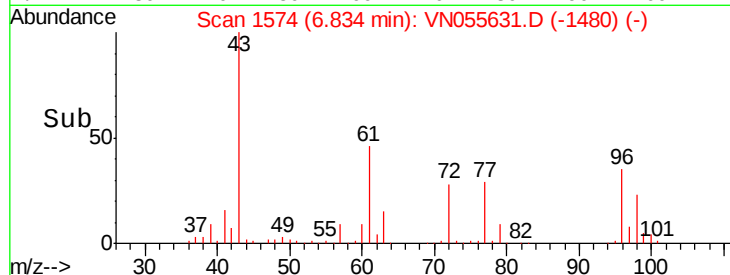
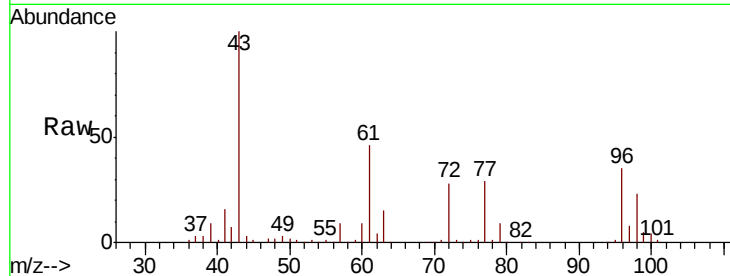
Tot Ion: 96 Resp: 179995

Ion Ratio Lower Upper

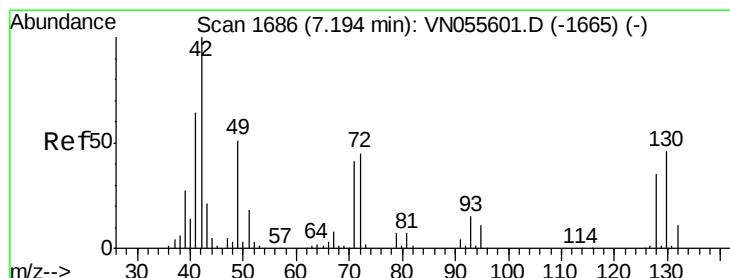
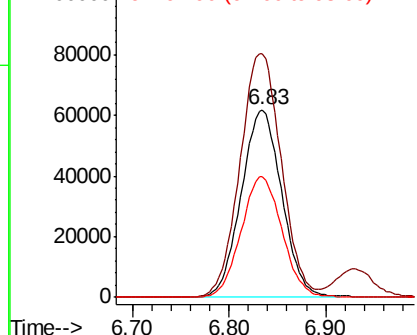
96 100

61 132.6 0.0 279.0

98 65.0 0.0 131.6



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



#28

Bromochloromethane

Concen: 50.818 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

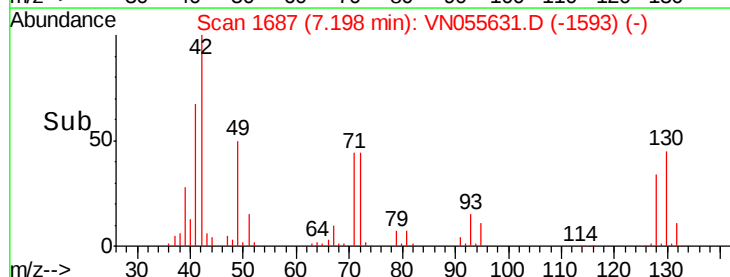
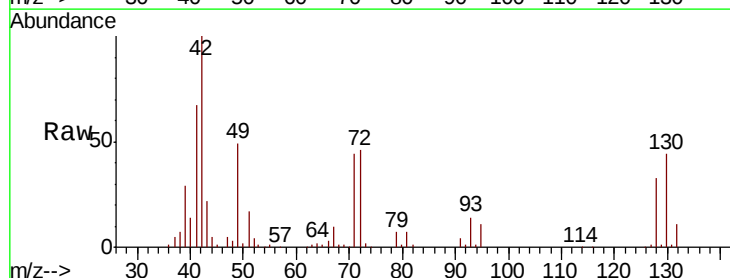
Tgt Ion: 49 Resp: 125178

Ion Ratio Lower Upper

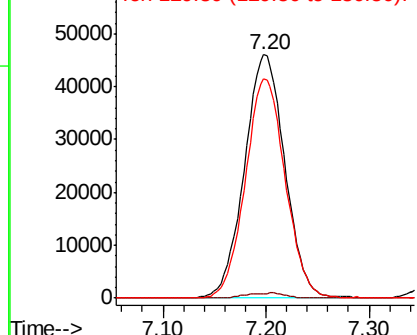
49 100

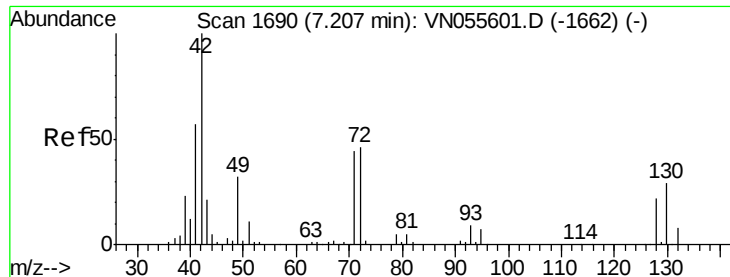
129 1.0 0.0 4.4

130 89.1 71.0 106.6



Abundance Ion 48.90 (48.60 to 49.60): VN0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V

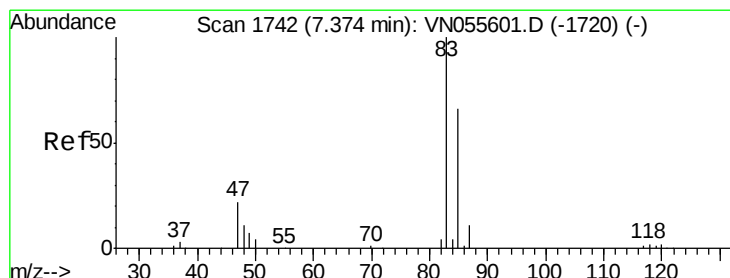
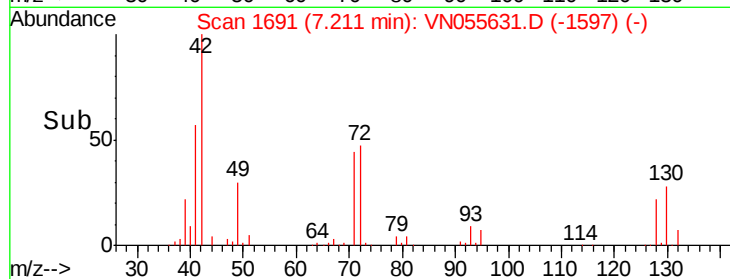
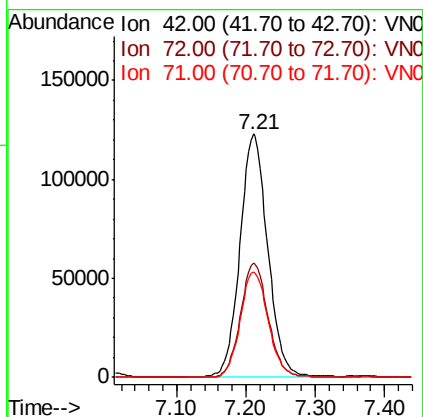
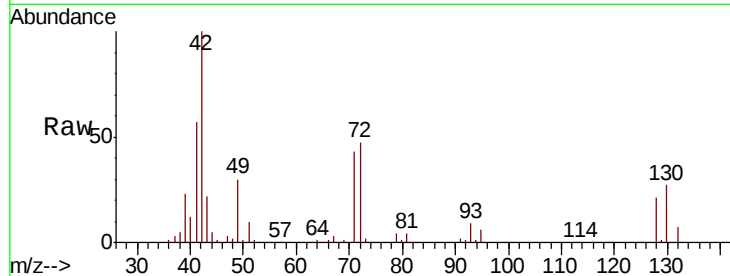




#29  
Tetrahydrofuran  
Concen: 249.525 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

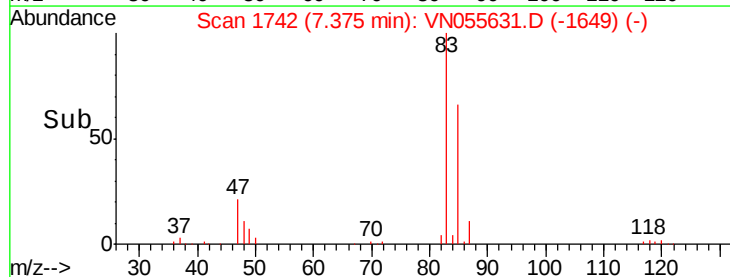
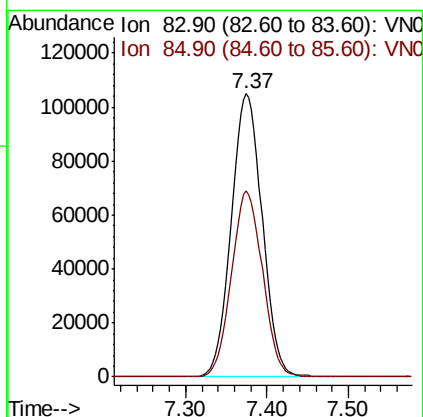
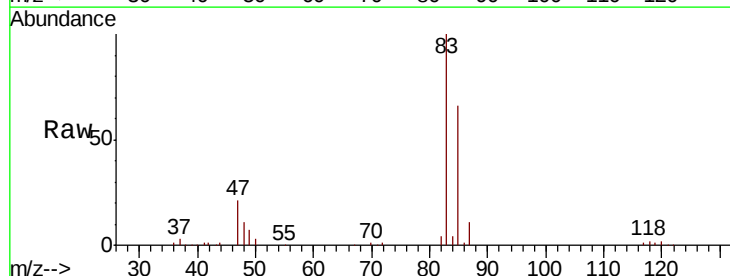
Instrument :  
MSVOA\_N  
ClientSampleId :

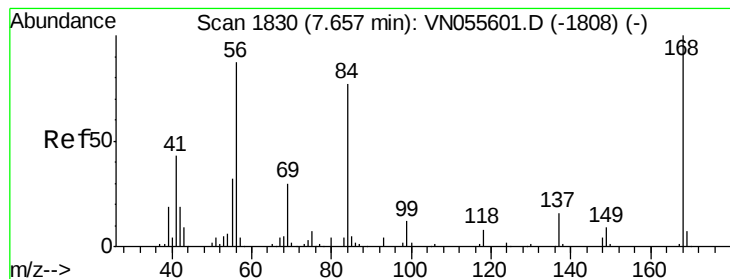
Tot Ion: 42 Resp: 341780  
Ion Ratio Lower Upper  
42 100  
72 46.8 36.5 54.7  
71 43.9 34.9 52.3



#30  
Chloroform  
Concen: 47.739 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 83 Resp: 277457  
Ion Ratio Lower Upper  
83 100  
85 65.9 52.6 78.8





#31

Cyclohexane

Concen: 45.701 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

ClientSampleId :

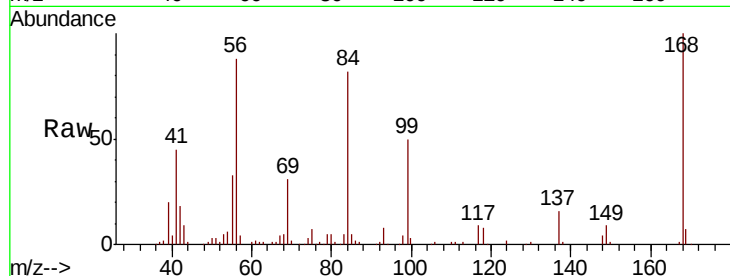
Tot Ion: 56 Resp: 245583

Ion Ratio Lower Upper

56 100

69 35.1 27.2 40.8

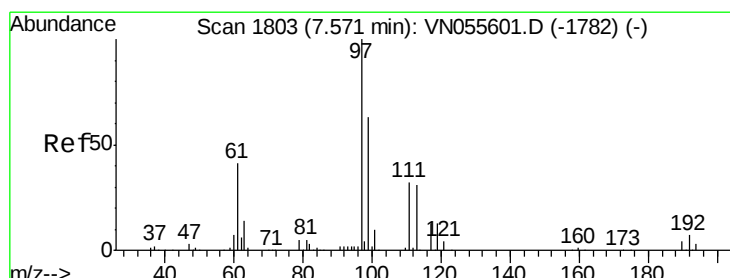
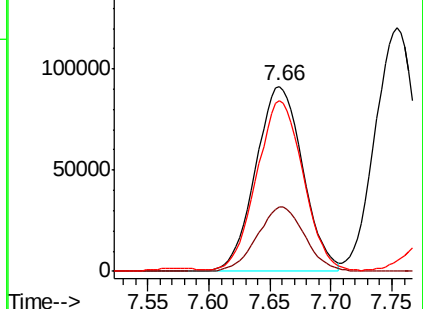
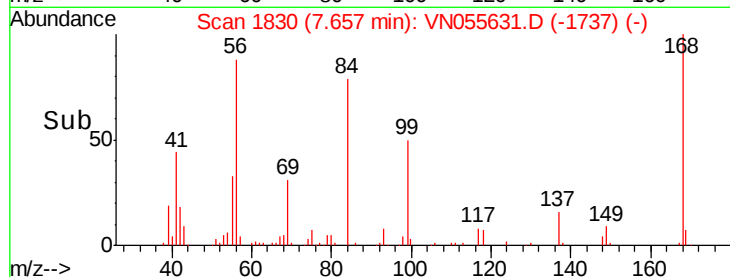
84 90.8 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN055631.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN055631.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN055631.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 47.602 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

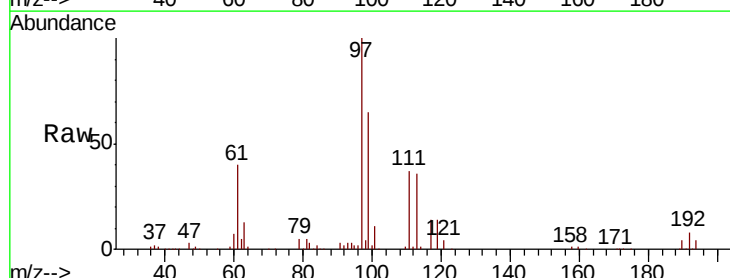
Tgt Ion: 97 Resp: 248149

Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.2

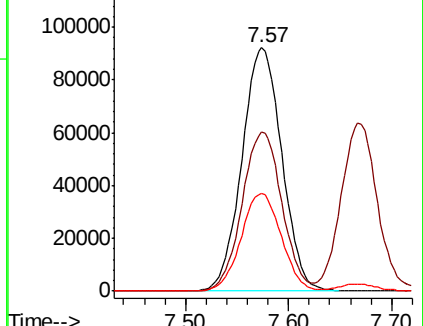
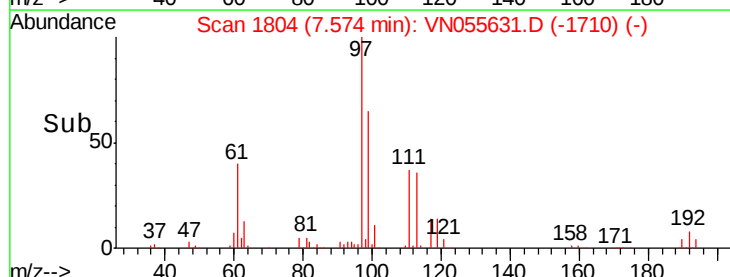
61 40.4 32.9 49.3

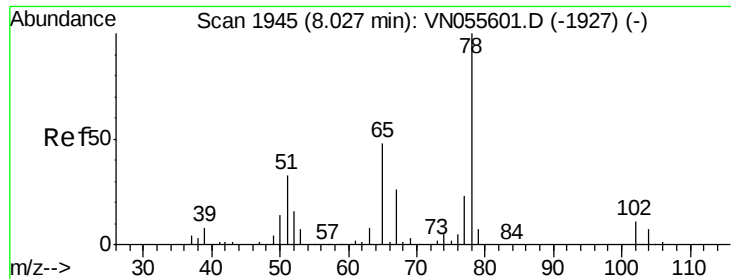


Abundance Ion 96.90 (96.60 to 97.60): VN055631.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN055631.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN055631.D (-1710) (-)

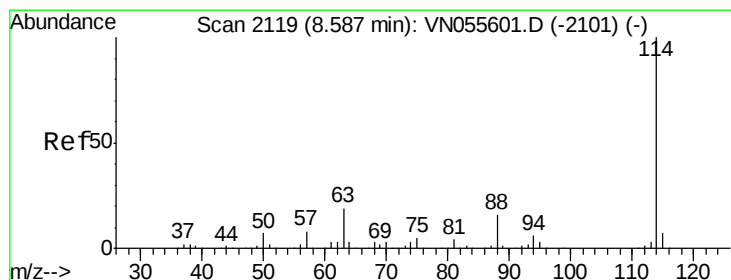
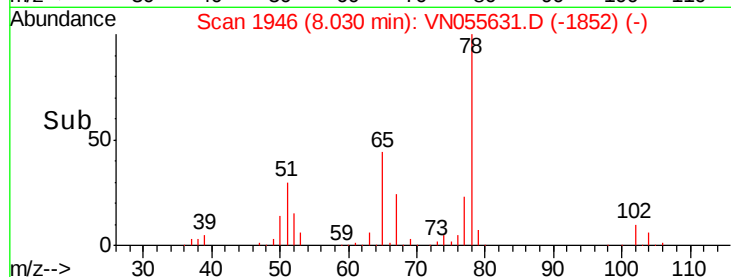
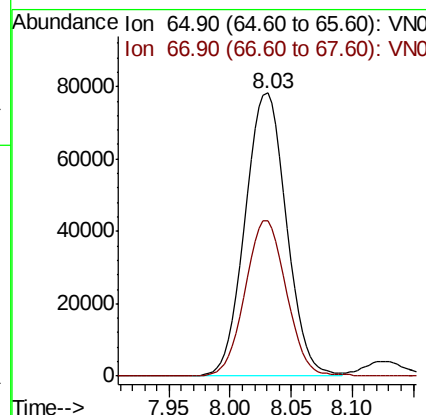
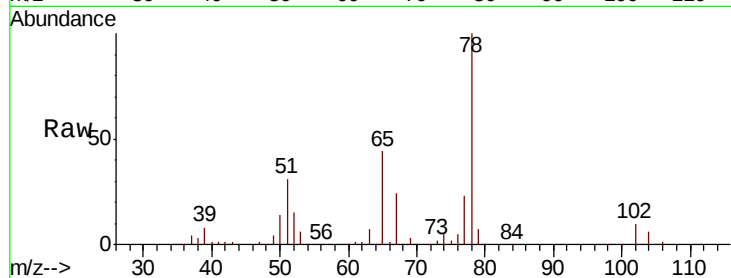




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.677 ug/l  
 RT: 8.03 min Scan# 1946  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

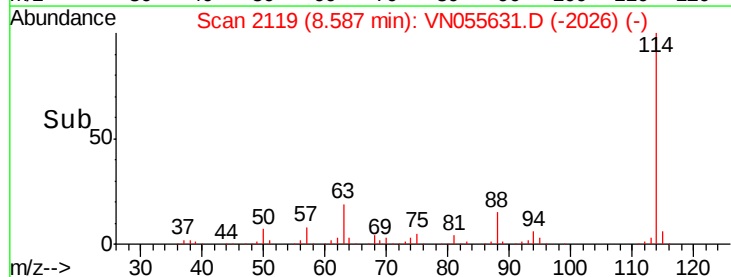
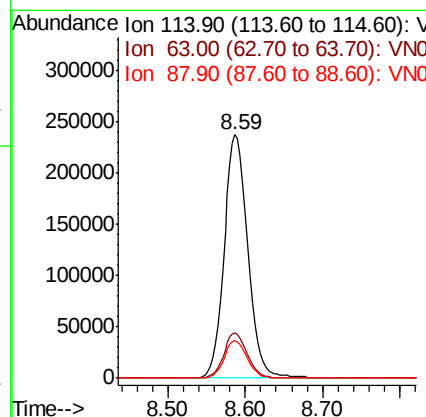
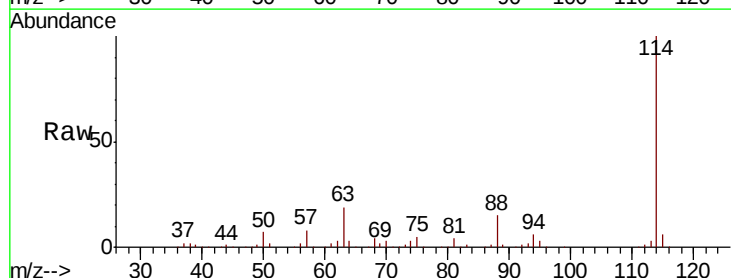
Instrument :  
 MSVOA\_N  
 ClientSampled :

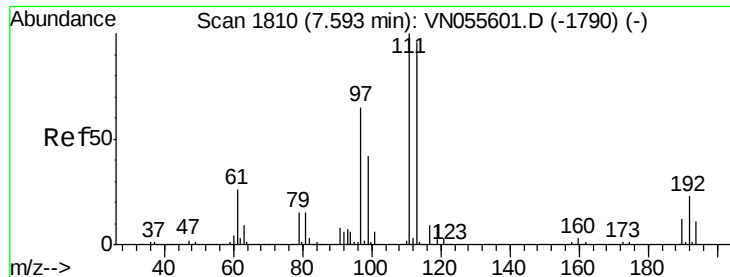
Tot Ion: 65 Resp: 183619  
 Ion Ratio Lower Upper  
 65 100  
 67 55.0 0.0 108.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

Tgt Ion: 114 Resp: 505196  
 Ion Ratio Lower Upper  
 114 100  
 63 18.8 0.0 38.2  
 88 15.4 0.0 31.0

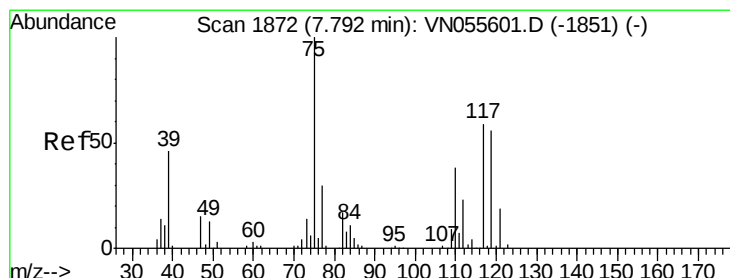
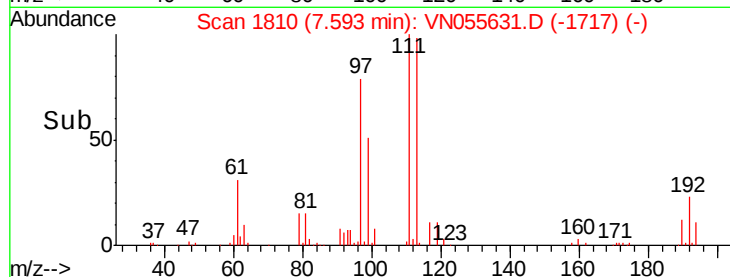
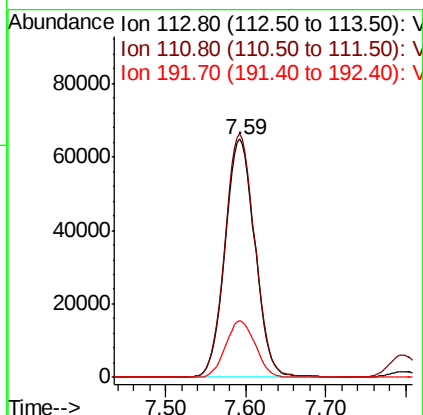
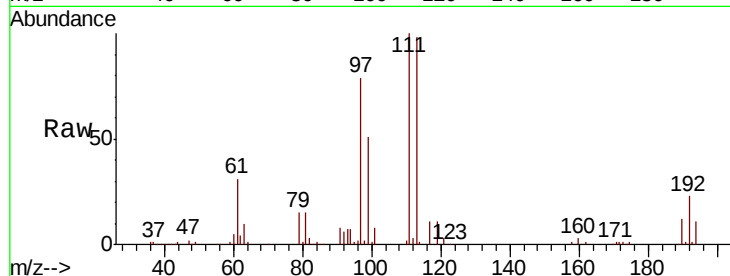




#35  
 Dibromofluoromethane  
 Concen: 51.576 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

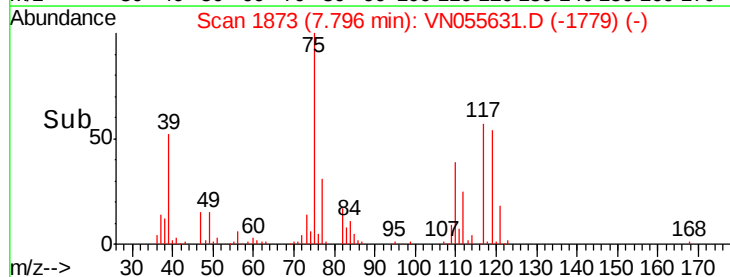
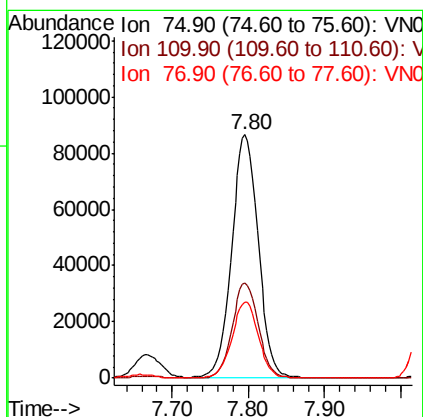
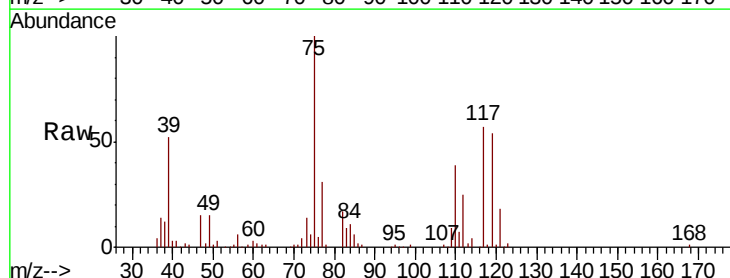
Instrument :  
 MSVOA\_N  
 ClientSampleId :

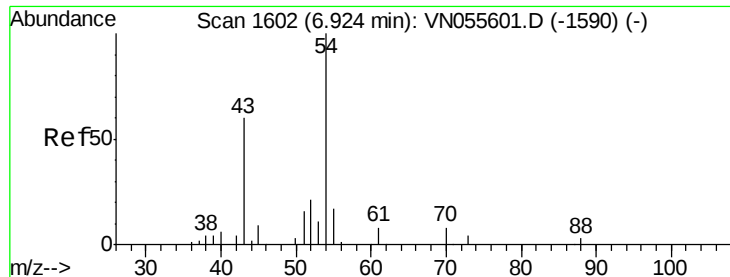
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.7 | 82.5  | 123.7 |
| 192     | 23.6  | 18.7  | 28.1  |



#36  
 1,1-Dichloropropene  
 Concen: 46.794 ug/l  
 RT: 7.80 min Scan# 1873  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.4  | 18.6  | 55.6  |
| 77      | 31.3  | 24.9  | 37.3  |

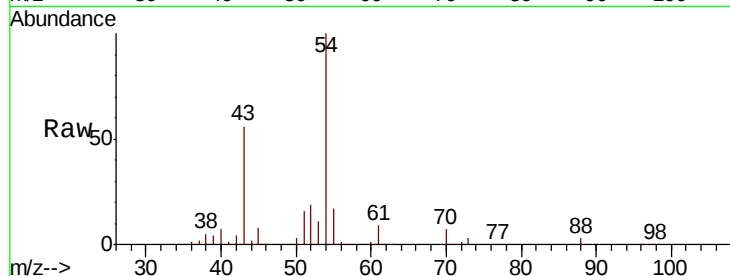




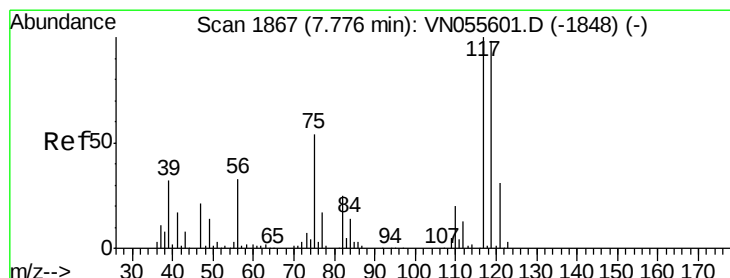
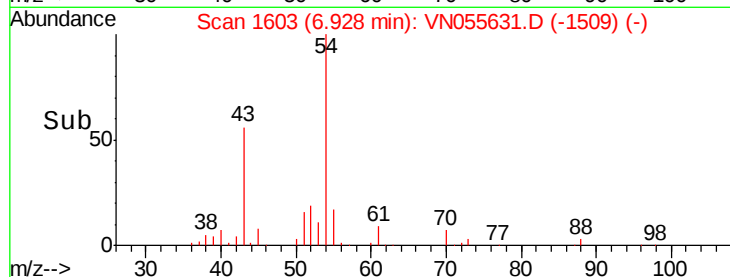
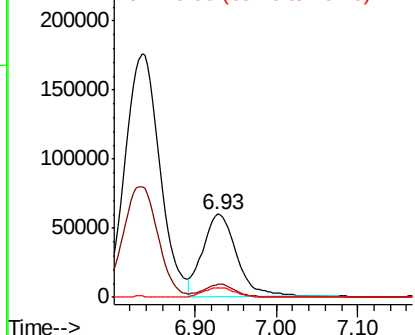
#37  
Ethyl Acetate  
Concen: 43.004 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 174787  
Ion Ratio Lower Upper  
43 100  
61 14.5 11.4 17.0  
70 11.4 9.2 13.8

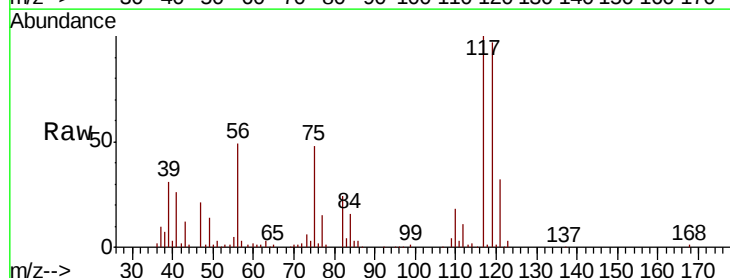


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

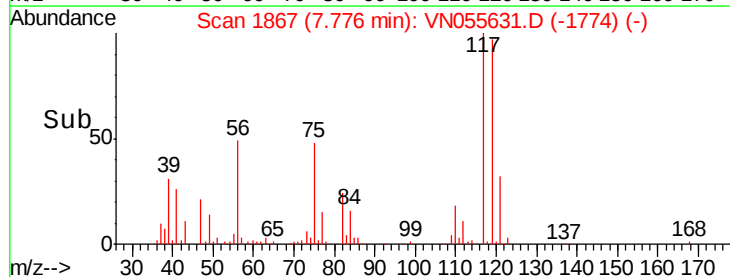
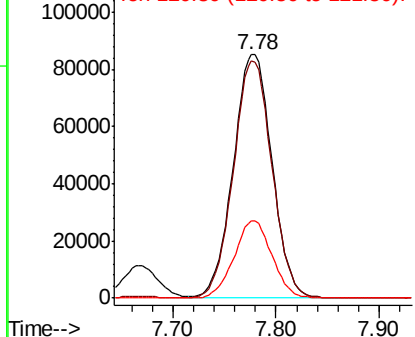


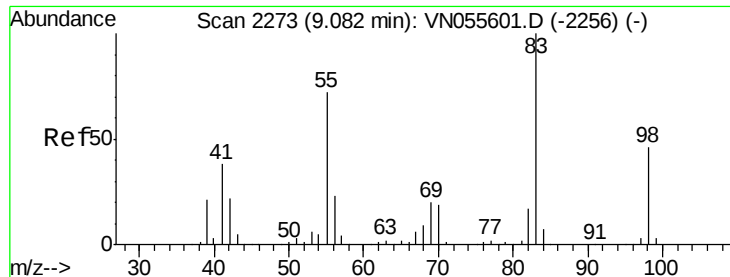
#38  
Carbon Tetrachloride  
Concen: 46.146 ug/l  
RT: 7.78 min Scan# 1867  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 117 Resp: 222104  
Ion Ratio Lower Upper  
117 100  
119 97.5 77.8 116.8  
121 31.7 24.6 37.0



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

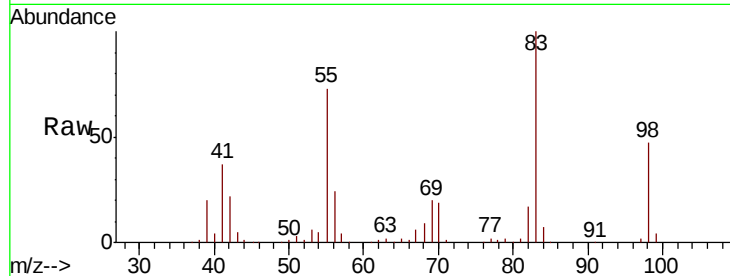




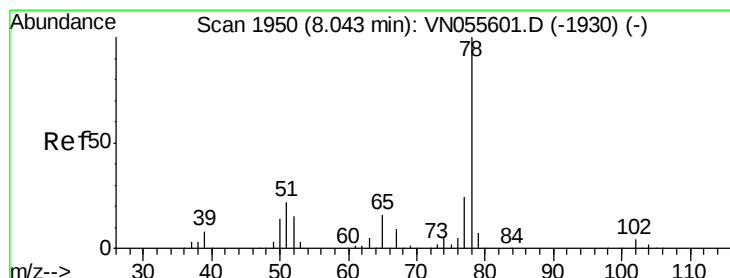
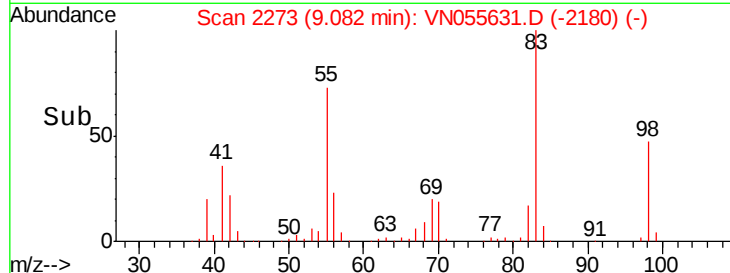
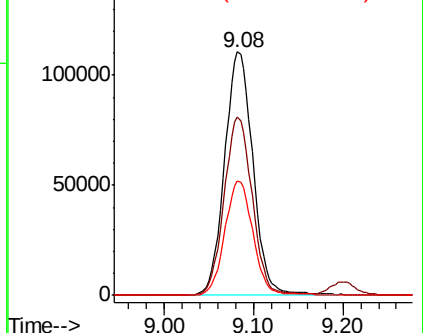
#39  
Methvlcvclohexane  
Concen: 44.901 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 83 Resp: 243794  
Ion Ratio Lower Upper  
83 100  
55 73.3 57.8 86.6  
98 47.0 36.7 55.1

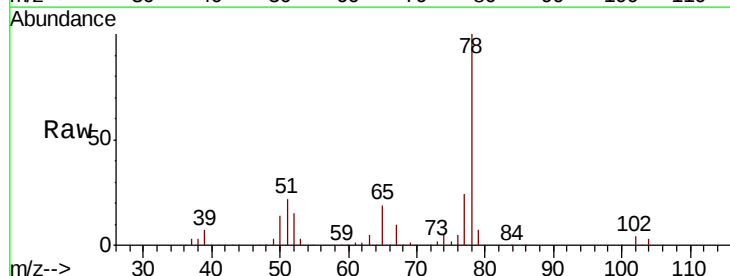


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

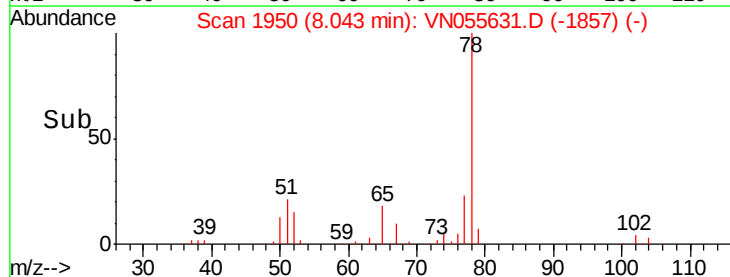
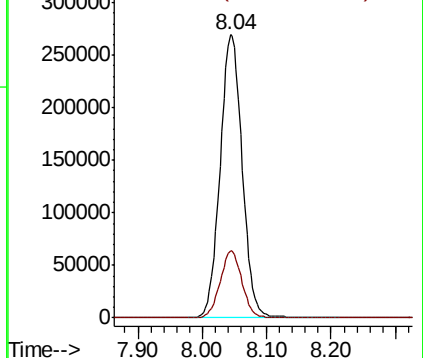


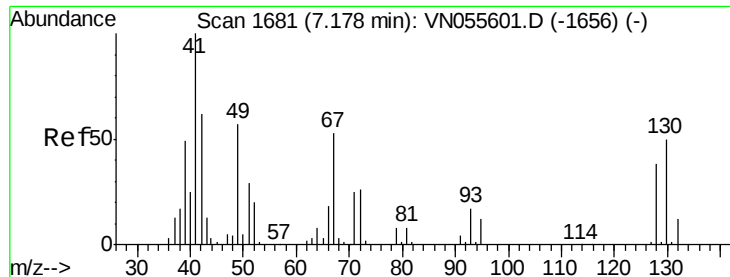
#40  
Benzene  
Concen: 48.452 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 78 Resp: 641897  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.9 28.3



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

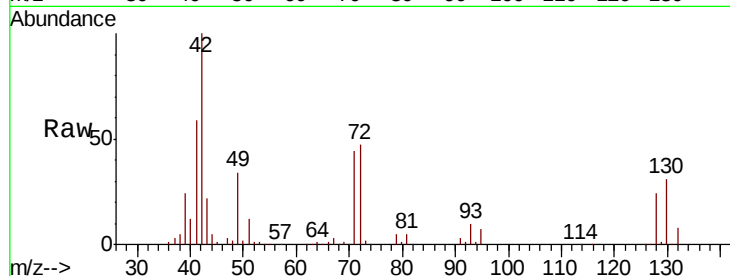




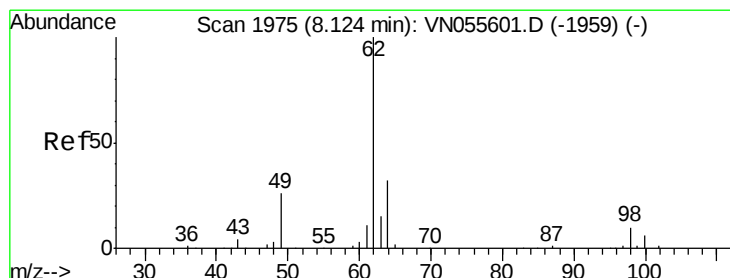
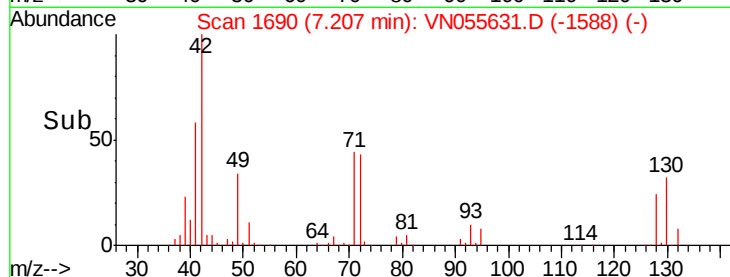
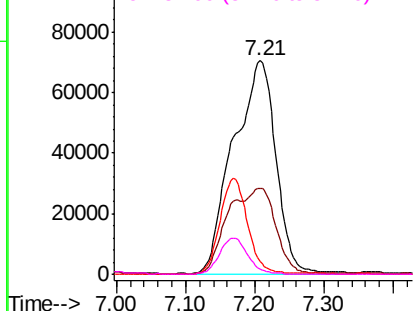
#41  
Methacrylonitrile  
Concen: 172.138 ug/l  
RT: 7.21 min Scan# 1690  
Delta R.T. 0.03 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Instrument :  
MSVOA\_N  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 299124 |
| 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    |

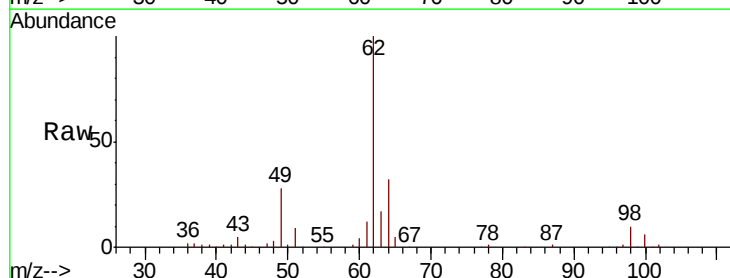


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

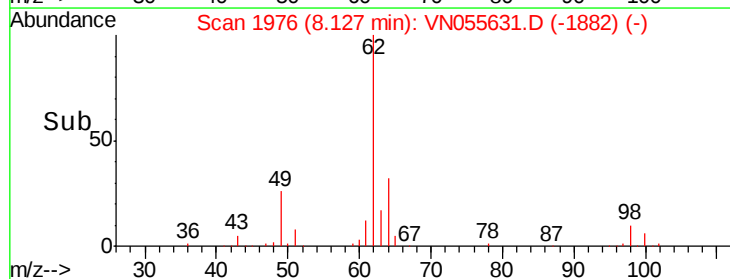
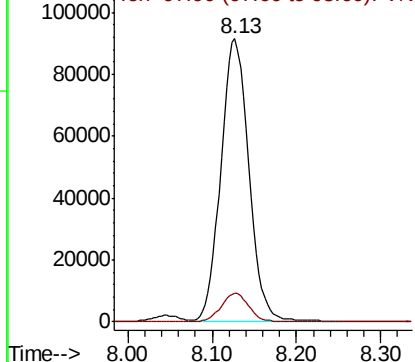


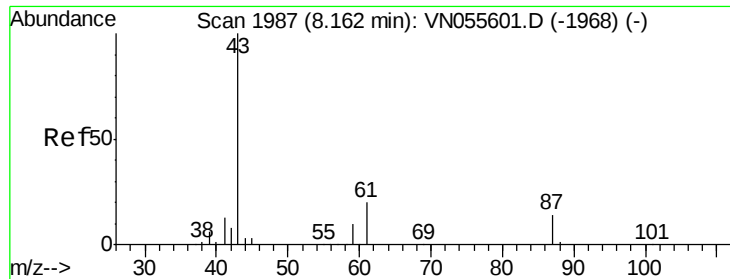
#42  
1,2-Dichloroethane  
Concen: 49.190 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 211025 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.0  | 0.0   | 20.2   |



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



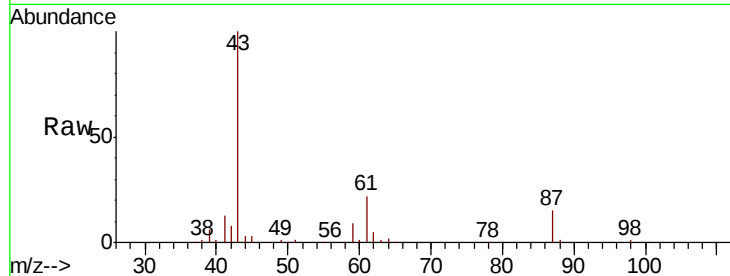


#43

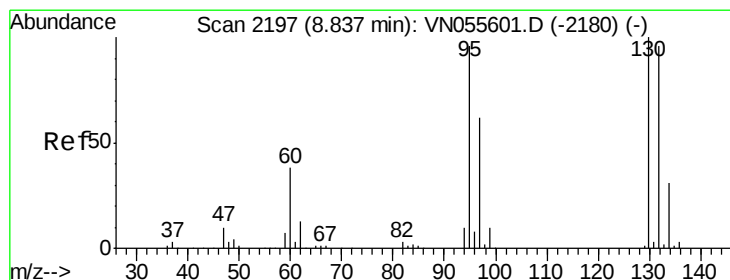
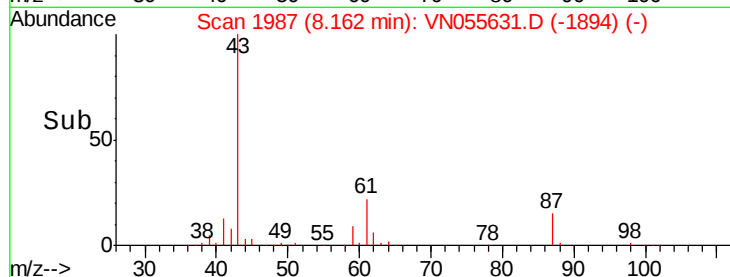
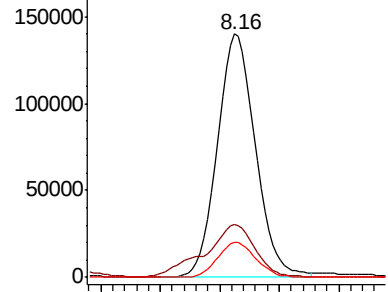
Isopropyl Acetate  
 Concen: 43.616 ug/l  
 RT: 8.16 min Scan# 1987  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion: 43 Resp: 308366  
 Ion Ratio Lower Upper  
 43 100  
 61 28.7 22.1 33.1  
 87 14.8 11.8 17.6



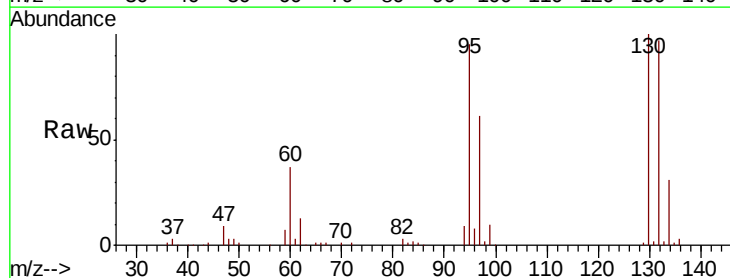
Abundance Ion 43.00 (42.70 to 43.70): VN0  
 Ion 61.00 (60.70 to 61.70): VN0  
 Ion 87.00 (86.70 to 87.70): VN0



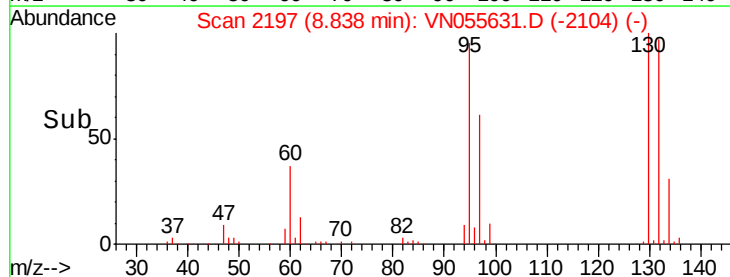
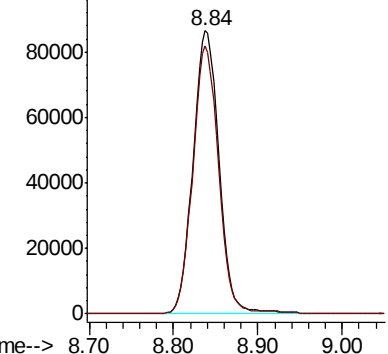
#44

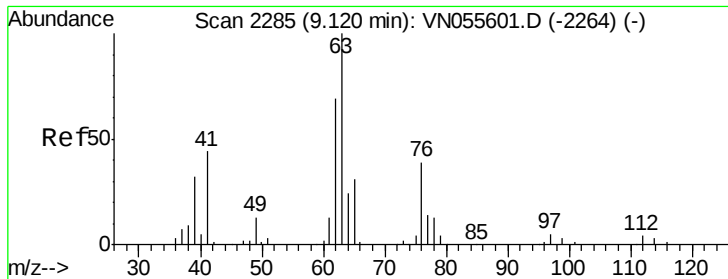
Trichloroethene  
 Concen: 49.547 ug/l  
 RT: 8.84 min Scan# 2197  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

Tgt Ion: 130 Resp: 185219  
 Ion Ratio Lower Upper  
 130 100  
 95 94.6 0.0 191.0



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





#45

1,2-Dichloropropane

Concen: 47.995 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

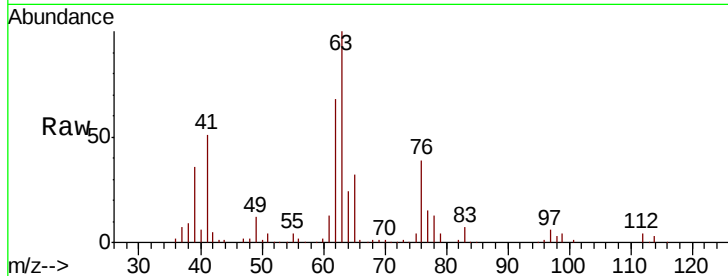
ClientSampleId :

Tot Ion: 63 Resp: 167507

Ion Ratio Lower Upper

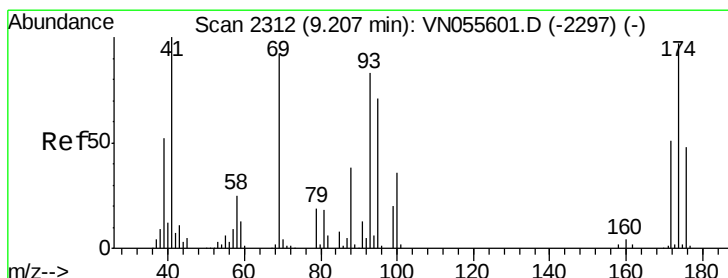
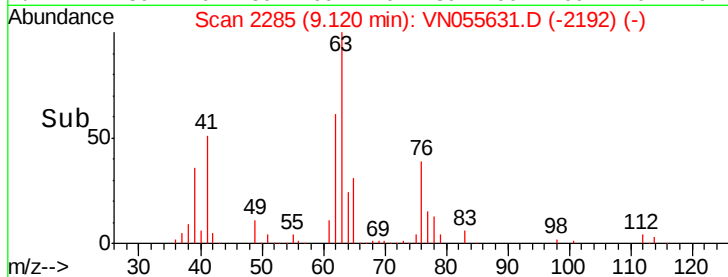
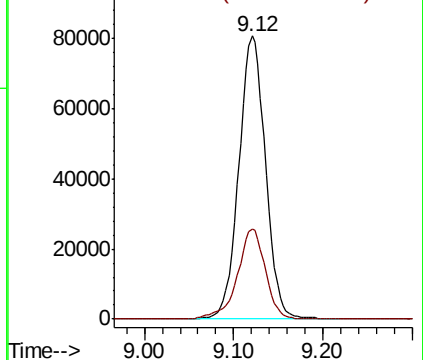
63 100

65 32.0 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.951 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

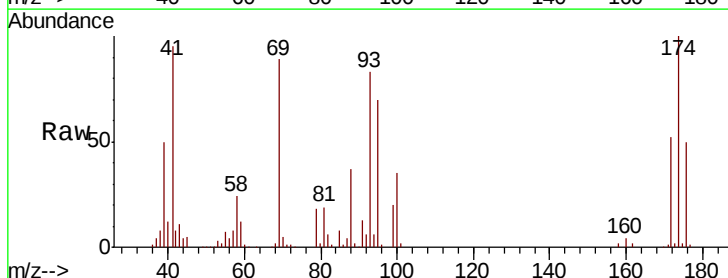
Tgt Ion: 93 Resp: 111815

Ion Ratio Lower Upper

93 100

95 84.6 67.9 101.9

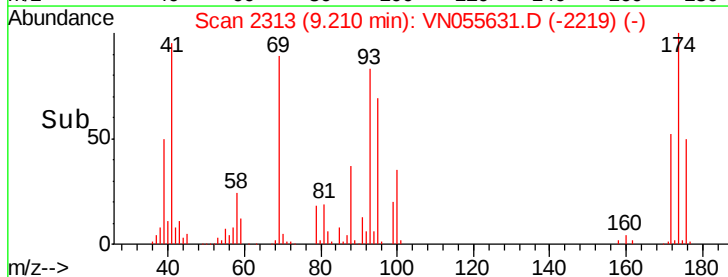
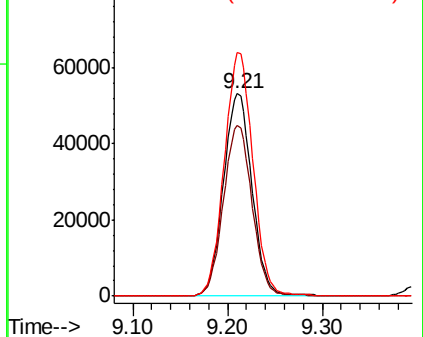
174 120.7 93.8 140.6

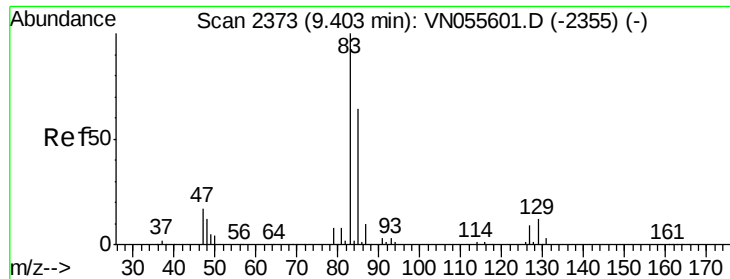


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

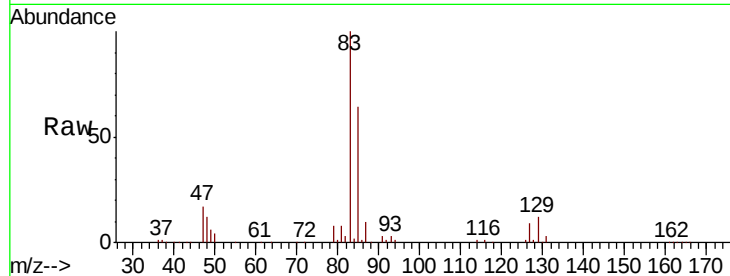




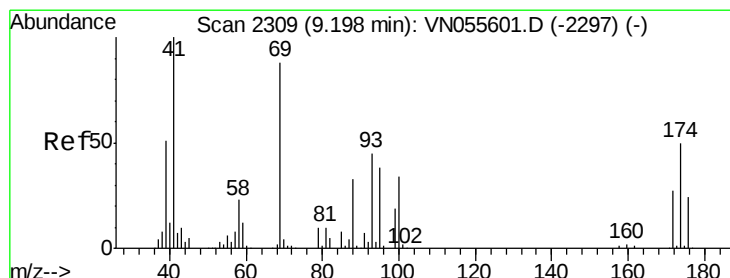
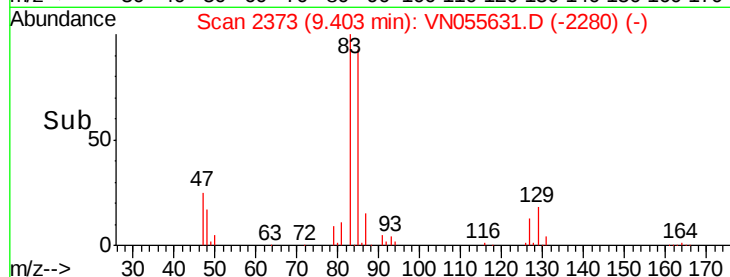
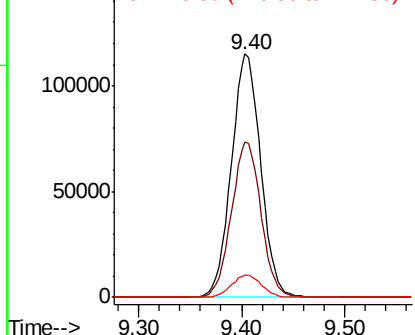
#47  
Bromodichloromethane  
Concen: 47.602 ug/l  
RT: 9.40 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 83 Resp: 227893  
Ion Ratio Lower Upper  
83 100  
85 63.8 51.4 77.0  
127 9.1 7.1 10.7

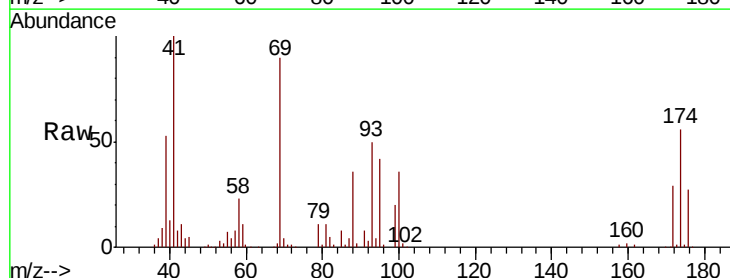


Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): V

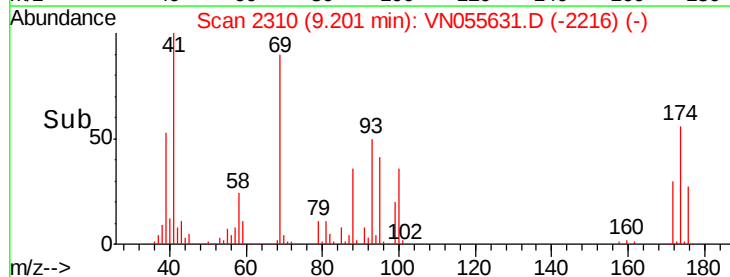
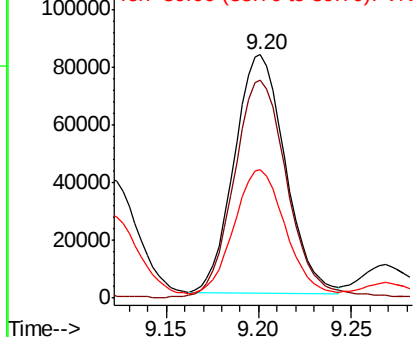


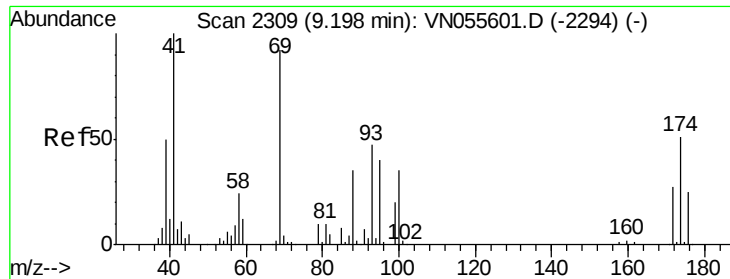
#48  
Methyl methacrylate  
Concen: 50.140 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 41 Resp: 158448  
Ion Ratio Lower Upper  
41 100  
69 95.9 74.2 111.2  
39 55.4 43.8 65.8



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

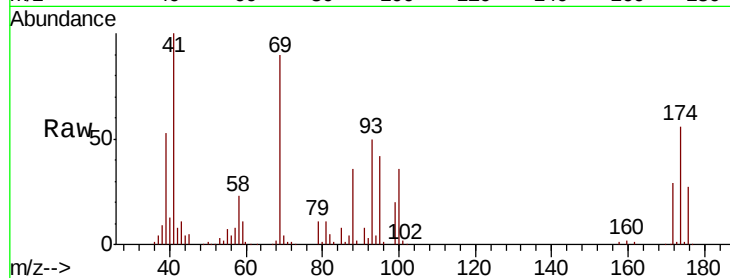




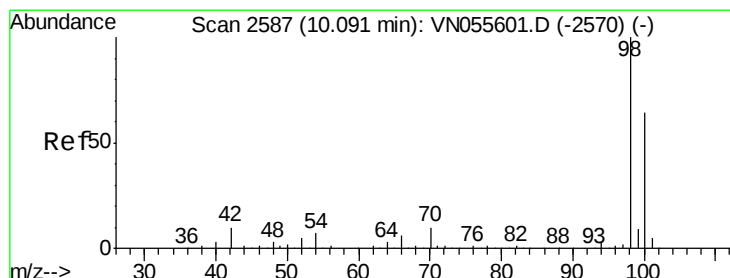
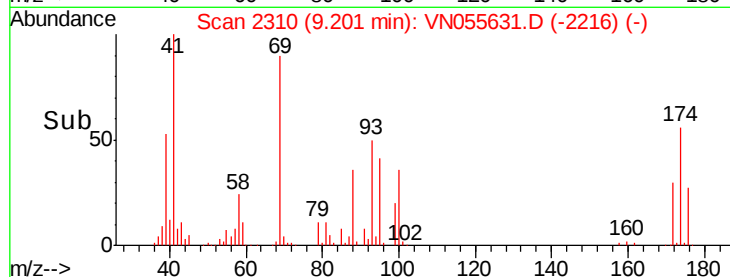
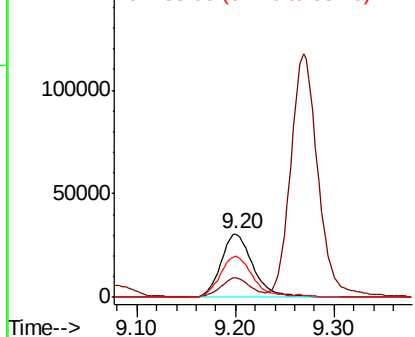
#49  
1,4-Dioxane  
Concen: 1117.673 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 88 Resp: 70182  
Ion Ratio Lower Upper  
88 100  
43 26.7 22.4 33.6  
58 64.6 53.4 80.2

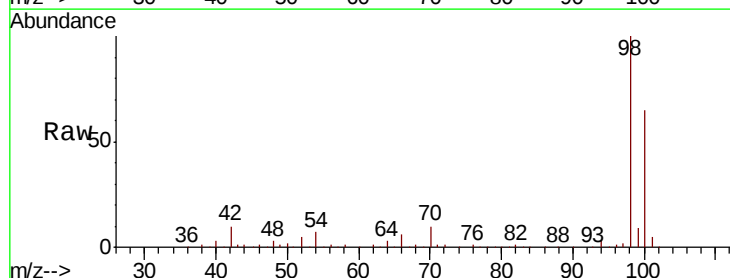


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

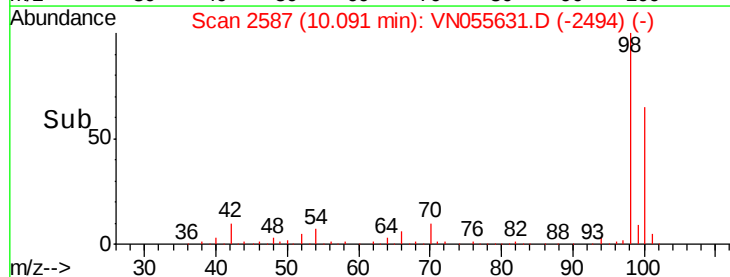
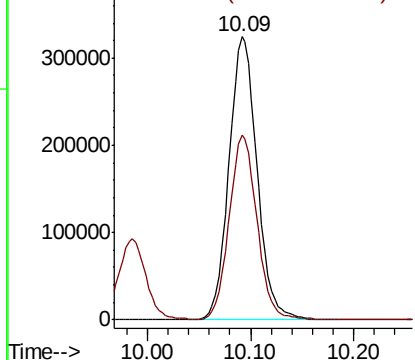


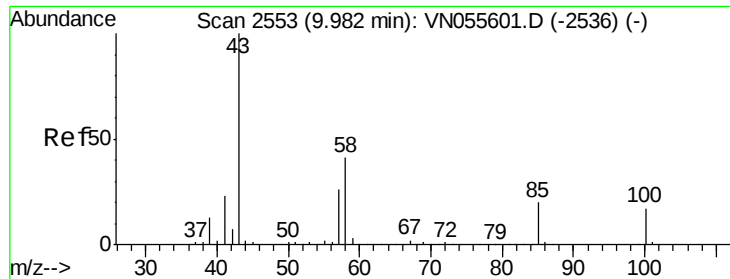
#50  
Toluene-d8  
Concen: 50.757 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 98 Resp: 615910  
Ion Ratio Lower Upper  
98 100  
100 64.8 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: 248.815 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

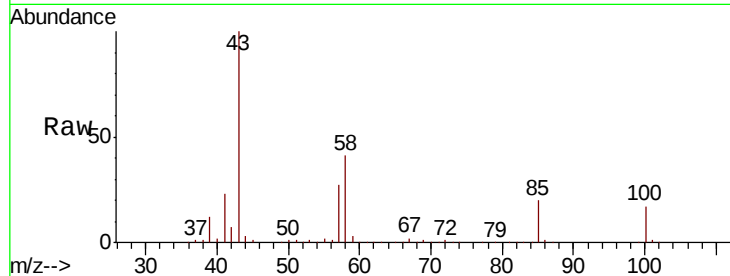
ClientSampleId :

Tot Ion: 43 Resp: 1031877

Ion Ratio Lower Upper

43 100

58 41.0 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)

9.99

600000

500000

400000

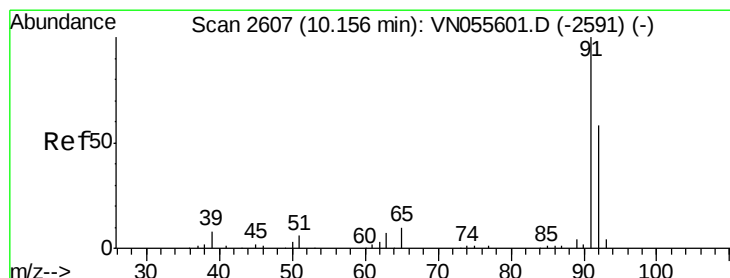
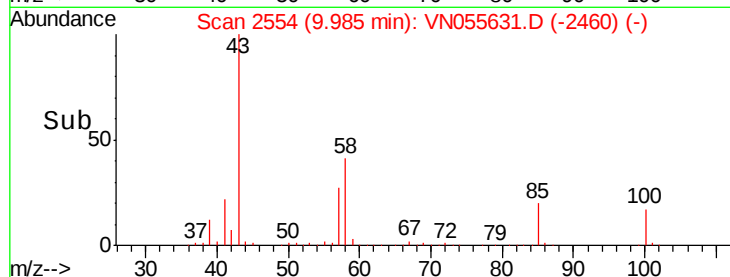
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.713 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055631.D

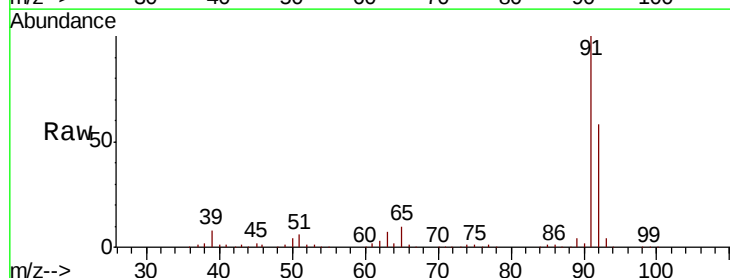
Acq: 17 May 2019 23:27

Tgt Ion: 92 Resp: 404772

Ion Ratio Lower Upper

92 100

91 173.2 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055601.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055601.D (-2591) (-)

10.16

400000

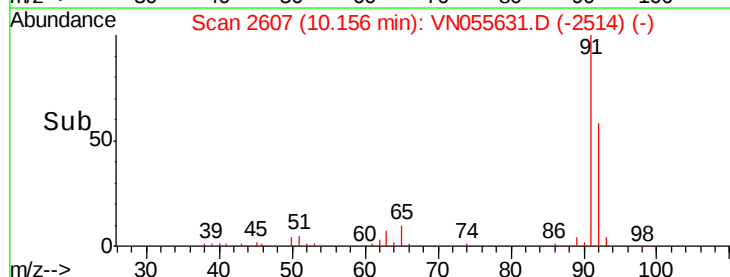
300000

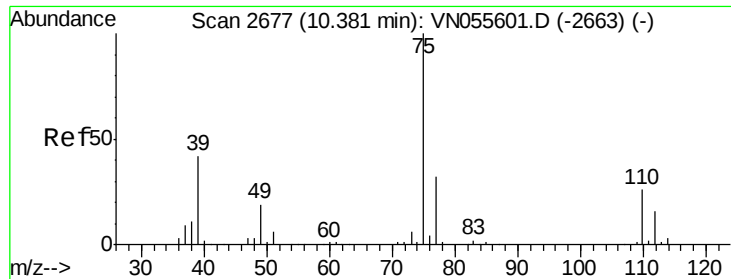
200000

100000

0

Time-->

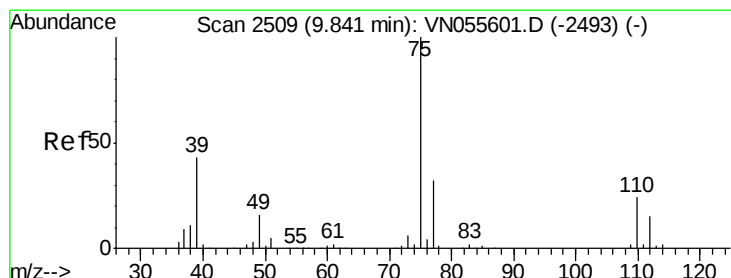
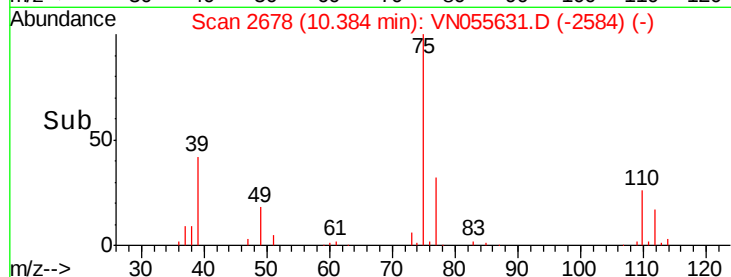
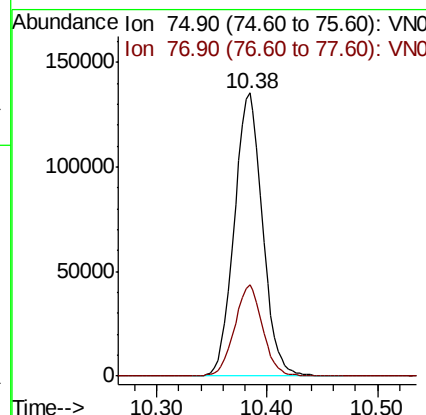
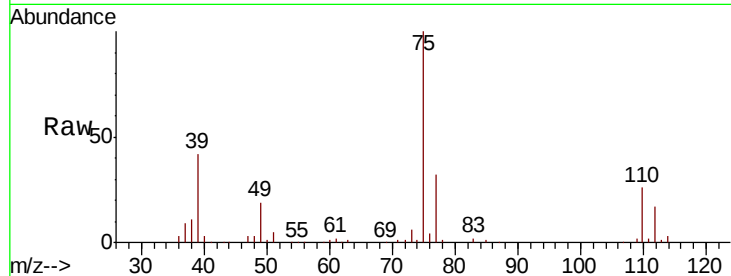




#53  
t-1,3-Dichloropropene  
Concen: 46.739 ug/l  
RT: 10.38 min Scan# 2678  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

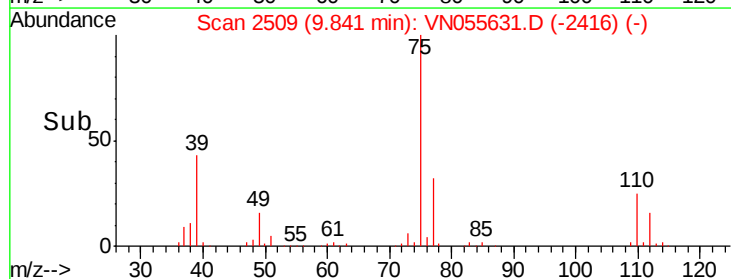
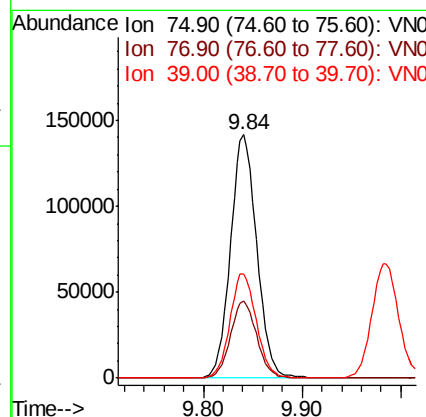
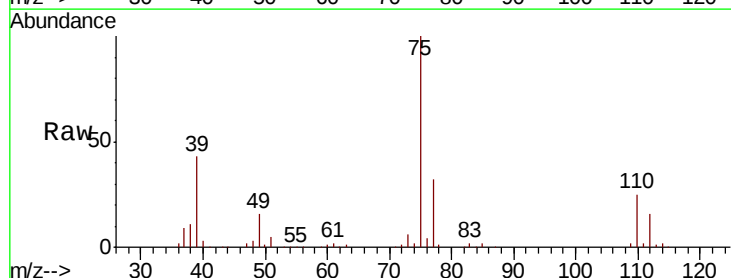
Instrument :  
MSVOA\_N  
ClientSampled :

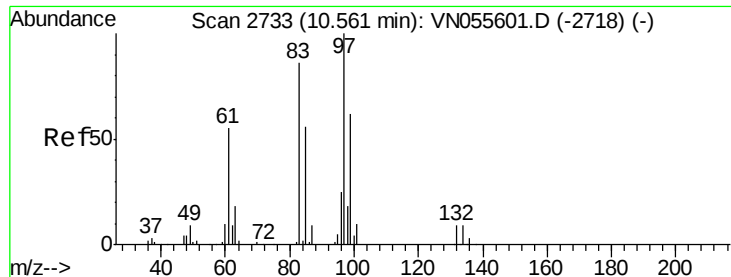
Tot Ion: 75 Resp: 240829  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 46.761 ug/l  
RT: 9.84 min Scan# 2509  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 75 Resp: 263959  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.7 38.5  
39 42.9 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 48.495 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 97 Resp: 165892

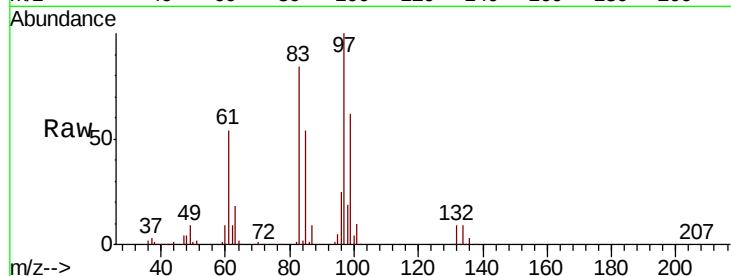
Ion Ratio Lower Upper

97 100

83 84.5 68.4 102.6

85 54.0 44.8 67.2

99 61.8 49.9 74.9

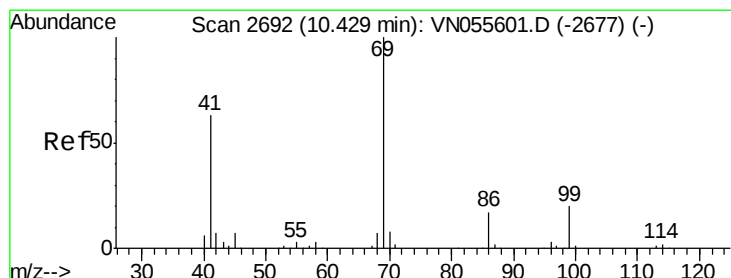
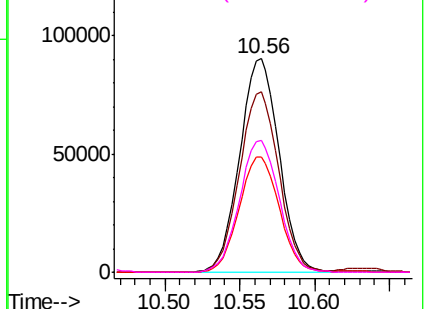
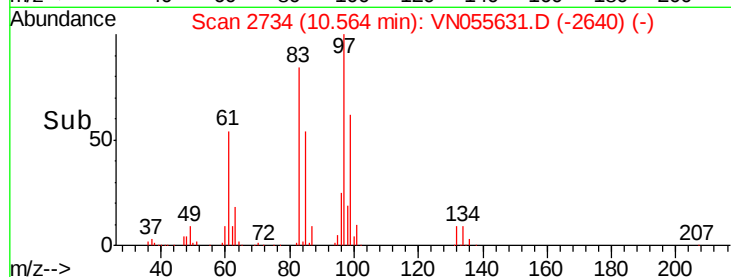


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 47.980 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

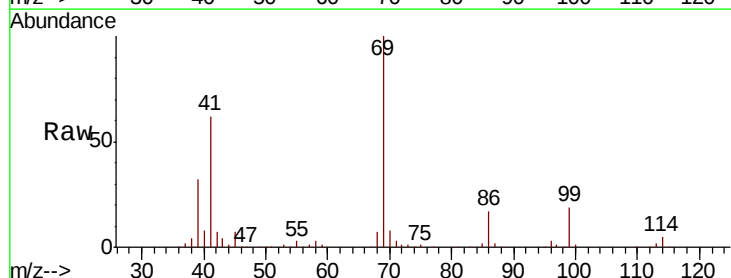
Tgt Ion: 69 Resp: 256214

Ion Ratio Lower Upper

69 100

41 61.5 50.3 75.5

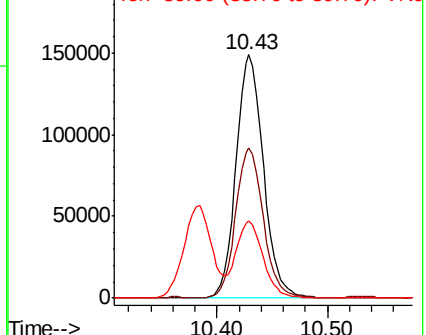
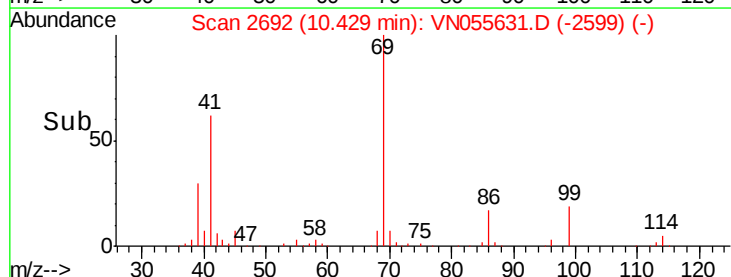
39 31.5 25.4 38.2

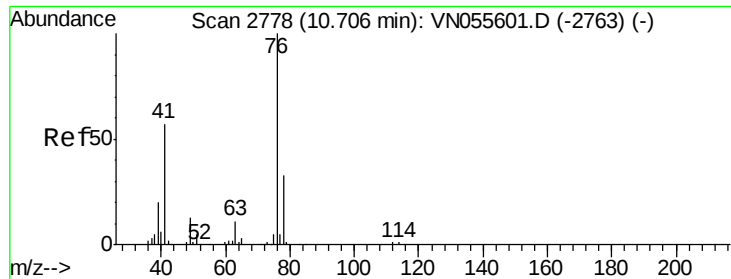


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

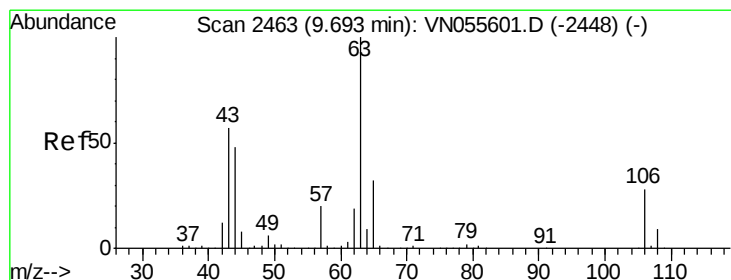
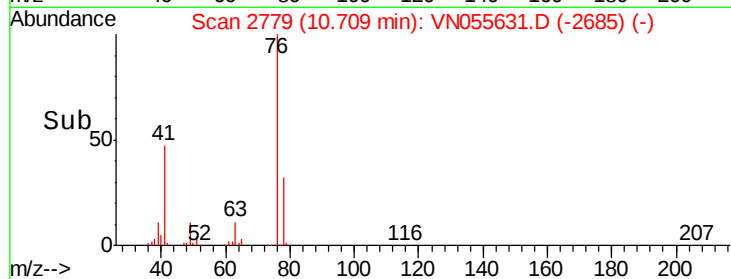
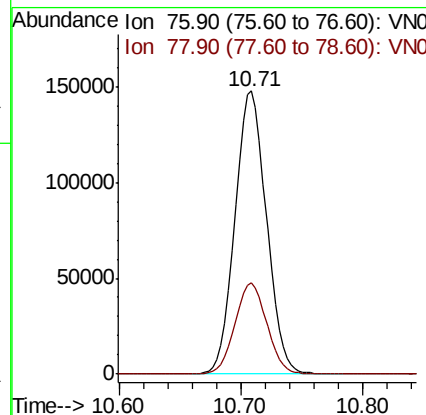
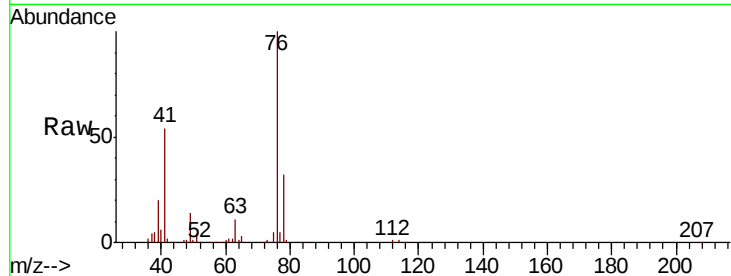




#57  
 1,3-Dichloropropane  
 Concen: 48.989 ug/l  
 RT: 10.71 min Scan# 2779  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

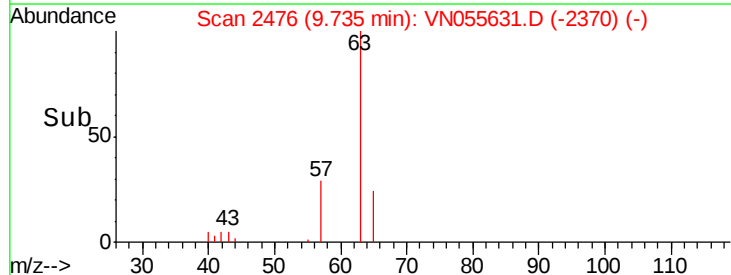
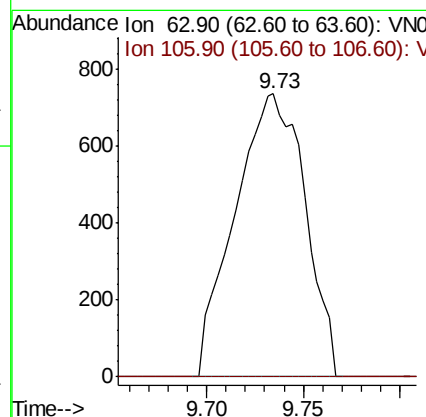
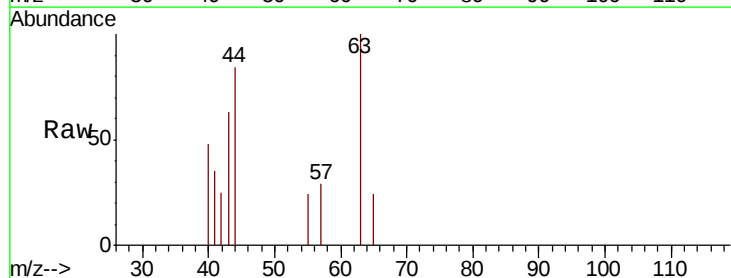
Instrument :  
 MSVOA\_N  
 ClientSampled :

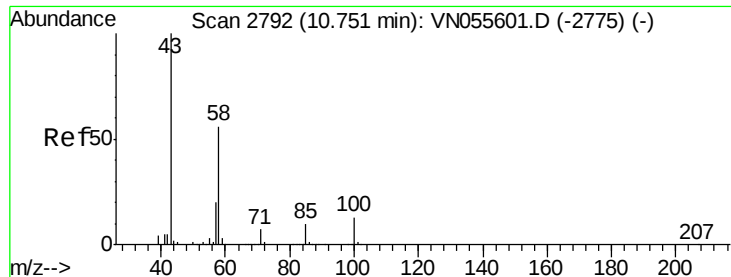
Tot Ion: 76 Resp: 265418  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 26.5 39.7



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 0.818 ug/l  
 RT: 9.73 min Scan# 2476  
 Delta R.T. 0.04 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

Tgt Ion: 63 Resp: 1855  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 23.0 34.6#

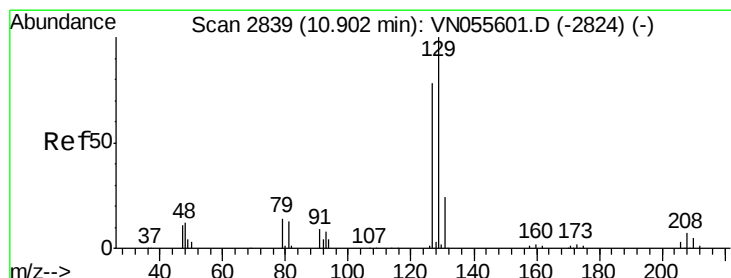
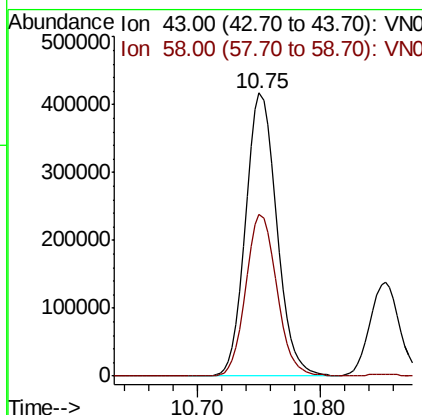
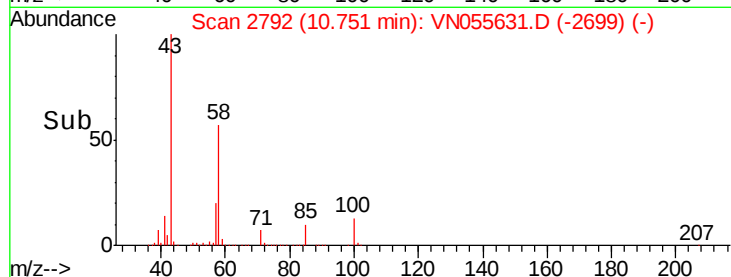
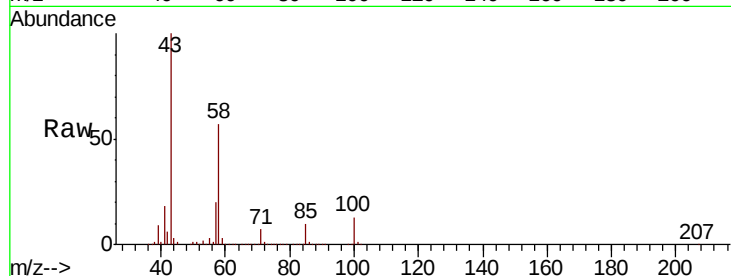




#59  
2-Hexanone  
Concen: 250.161 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

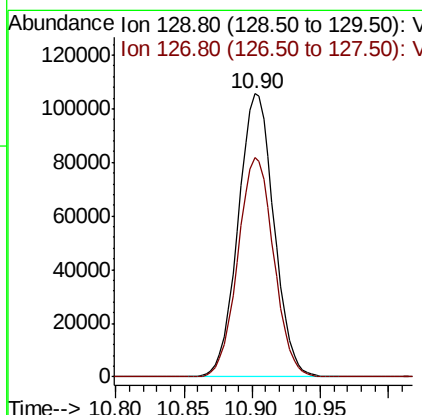
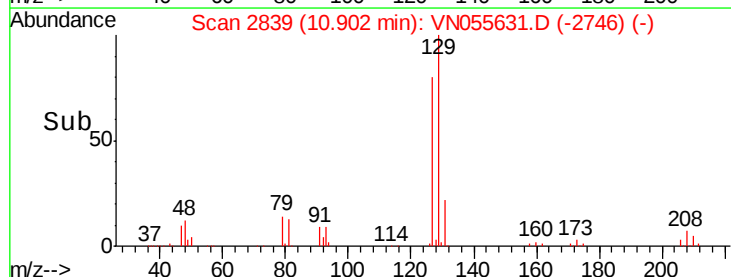
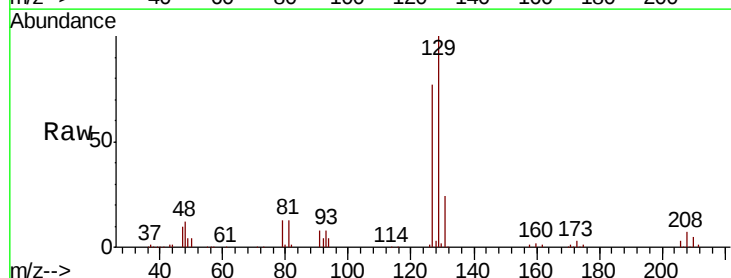
Instrument :  
MSVOA\_N  
ClientSampled :

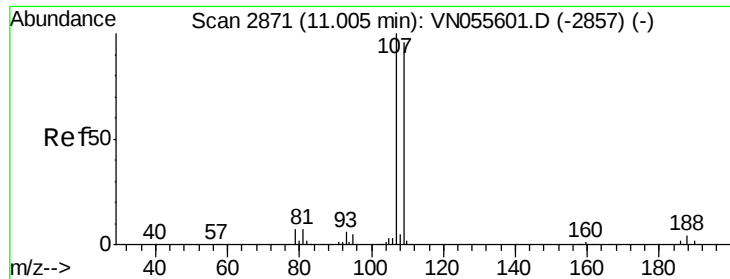
Tot Ion: 43 Resp: 730423  
Ion Ratio Lower Upper  
43 100  
58 57.0 28.1 84.4



#60  
Dibromochloromethane  
Concen: 49.625 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 129 Resp: 192399  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.6 115.8

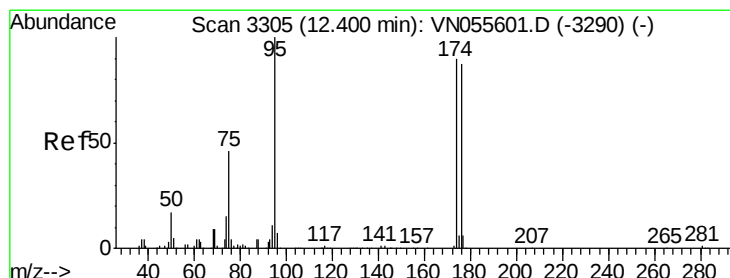
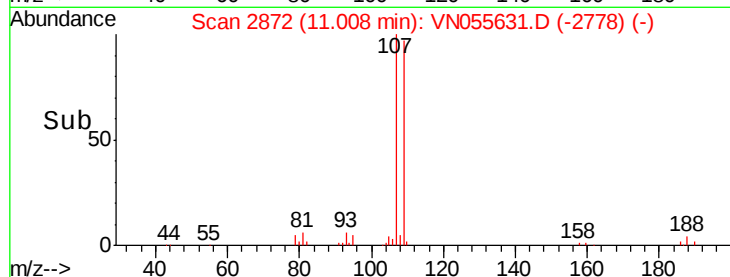
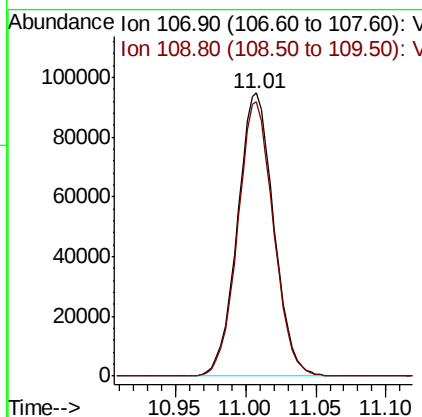
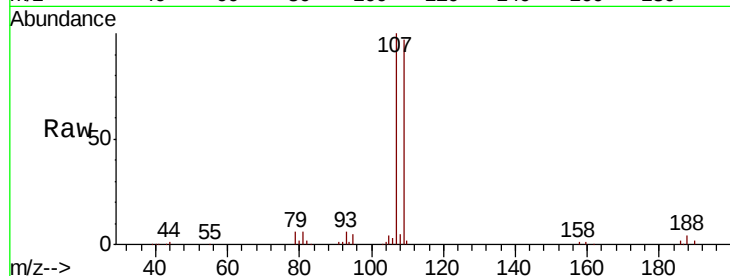




#61  
 1,2-Dibromoethane  
 Concen: 49.893 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

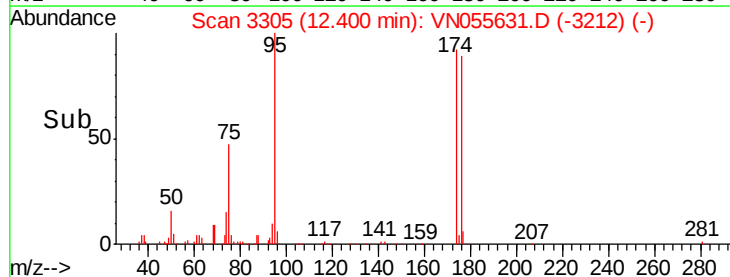
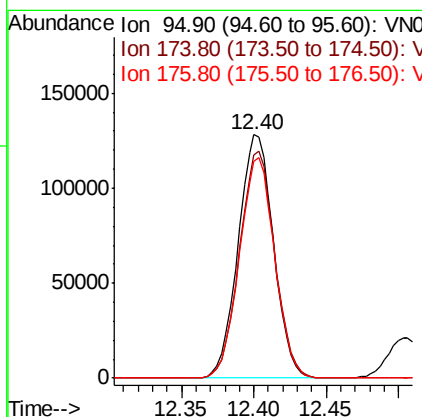
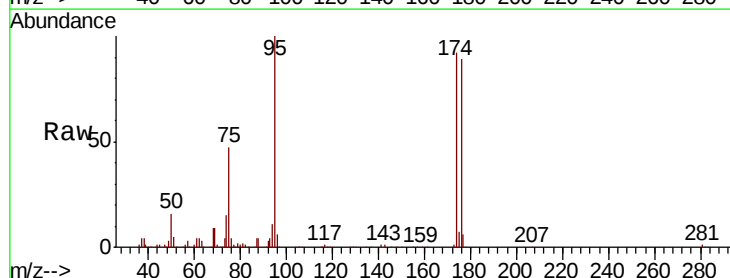
Instrument :  
 MSVOA\_N  
 ClientSampleId :

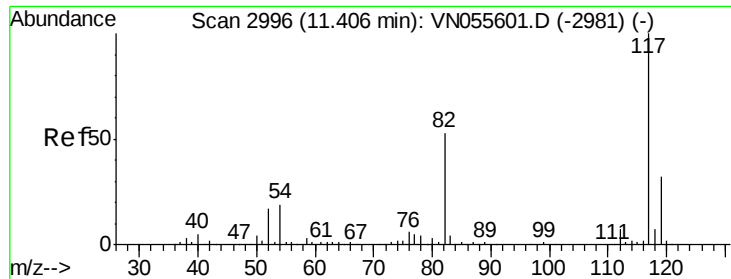
Tot Ion:107 Resp: 170773  
 Ion Ratio Lower Upper  
 107 100  
 109 95.5 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 51.681 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

Tgt Ion: 95 Resp: 216555  
 Ion Ratio Lower Upper  
 95 100  
 174 92.9 0.0 180.6  
 176 90.5 0.0 177.4

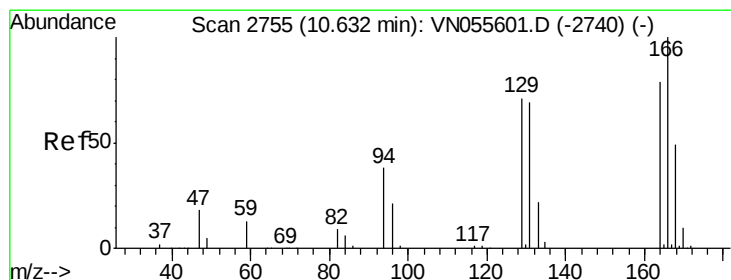
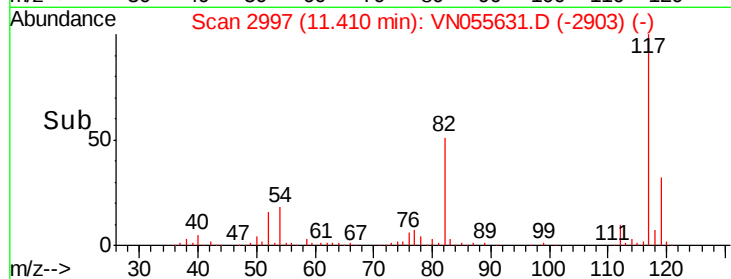
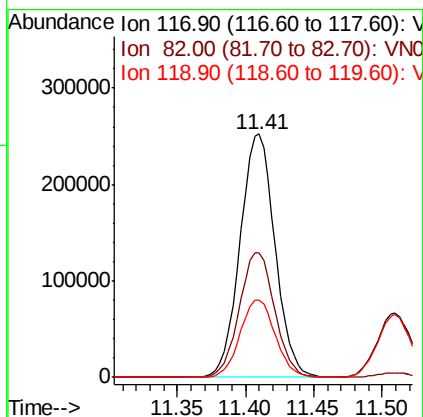
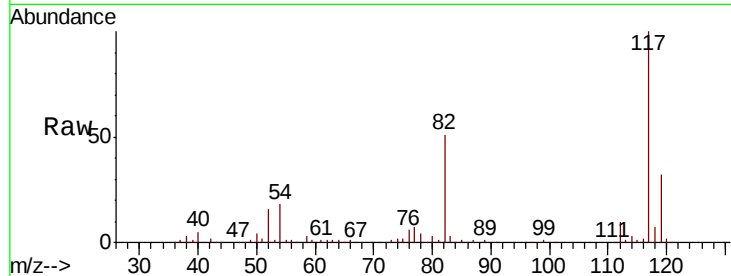




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

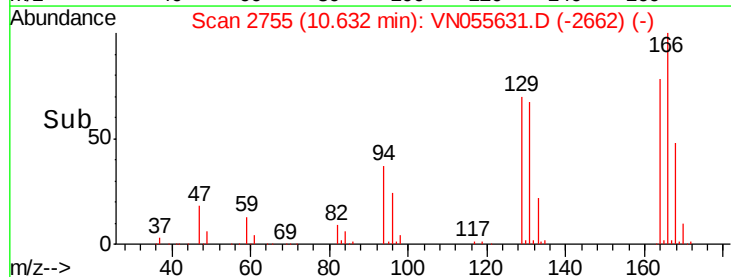
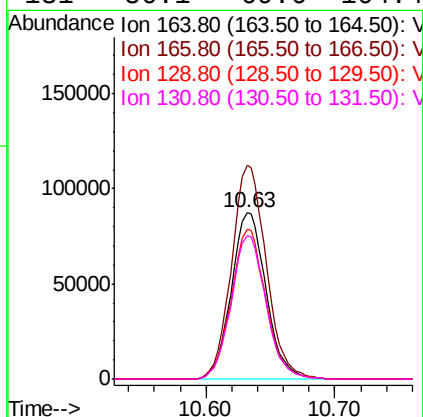
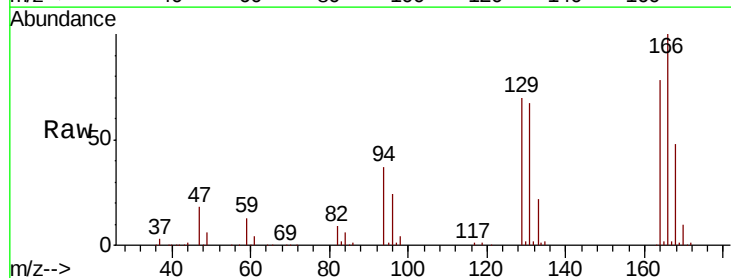
Instrument :  
MSVOA\_N  
ClientSampleId :

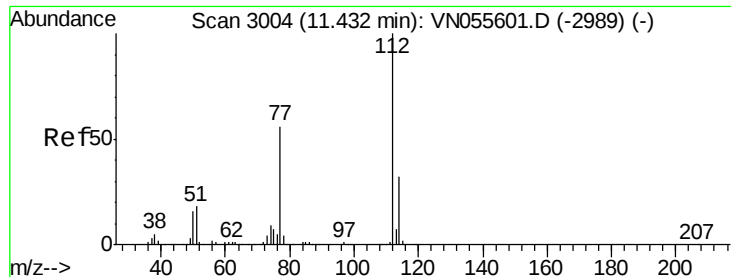
Tot Ion:117 Resp: 449092  
Ion Ratio Lower Upper  
117 100  
82 51.4 42.3 63.5  
119 31.9 25.4 38.2



#64  
Tetrachloroethene  
Concen: 46.011 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion:164 Resp: 162978  
Ion Ratio Lower Upper  
164 100  
166 128.5 101.0 151.6  
129 90.3 71.7 107.5  
131 86.1 69.6 104.4





#65

Chlorobenzene

Concen: 47.938 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

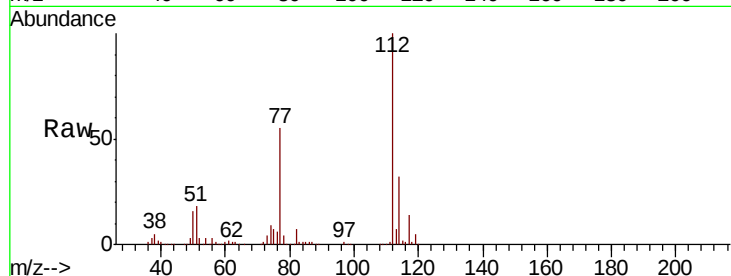
ClientSampled :

Tot Ion:112 Resp: 435437

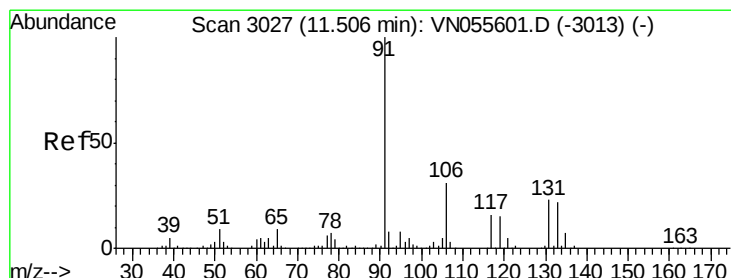
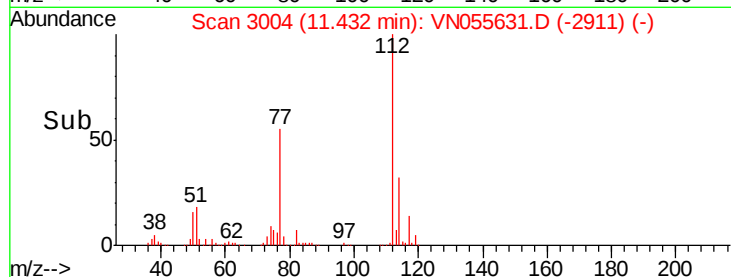
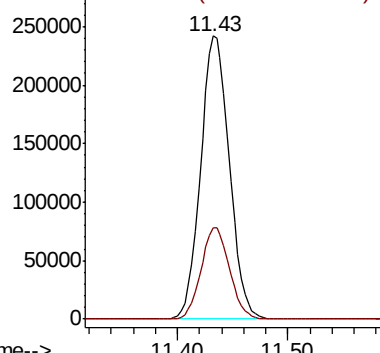
Ion Ratio Lower Upper

112 100

114 32.1 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.543 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

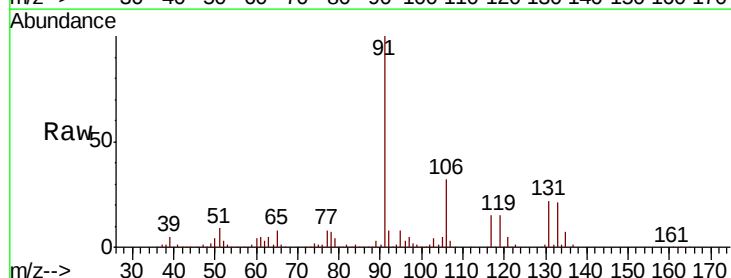
Tgt Ion:131 Resp: 173733

Ion Ratio Lower Upper

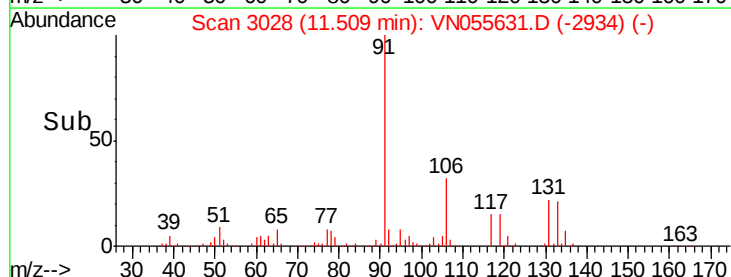
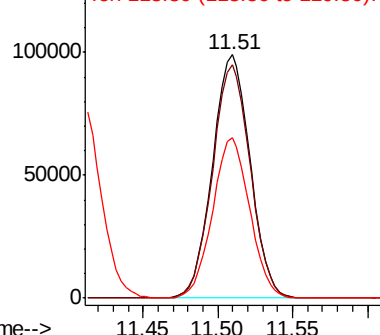
131 100

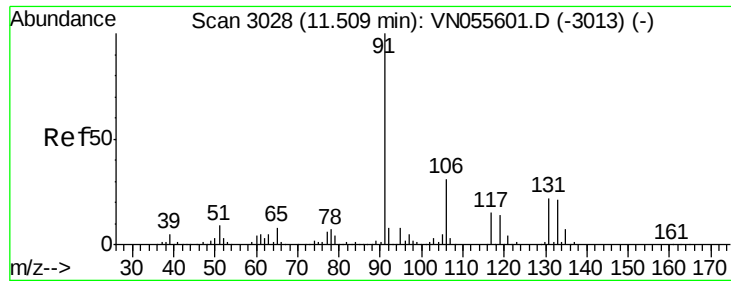
133 96.3 47.8 143.4

119 65.1 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 46.949 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

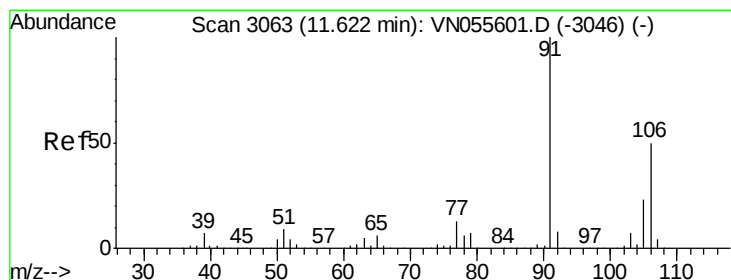
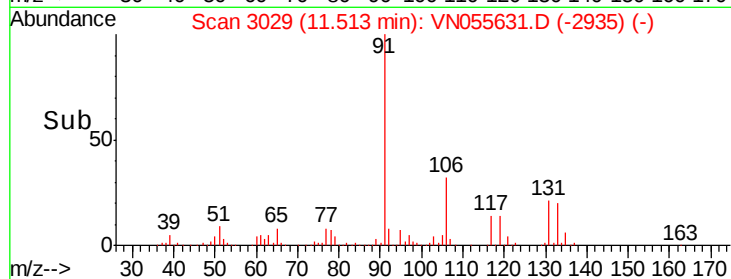
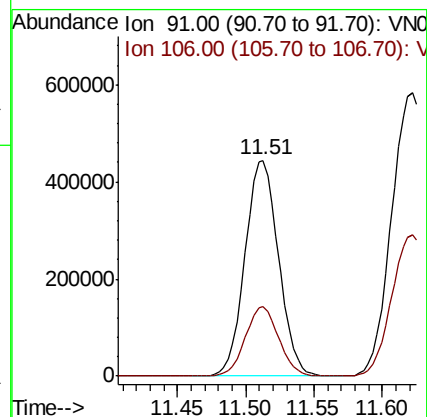
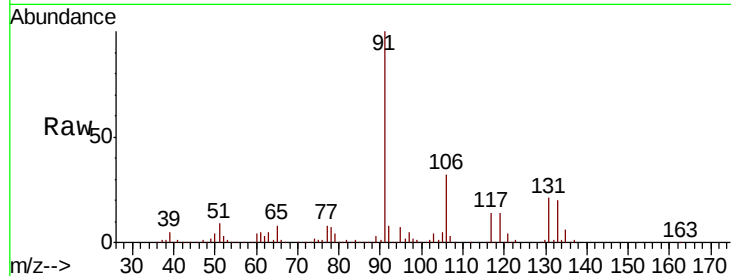
ClientSampled :

Tot Ion: 91 Resp: 759700

Ion Ratio Lower Upper

91 100

106 32.2 25.2 37.8



#68

m/p-Xylenes

Concen: 94.452 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN055631.D

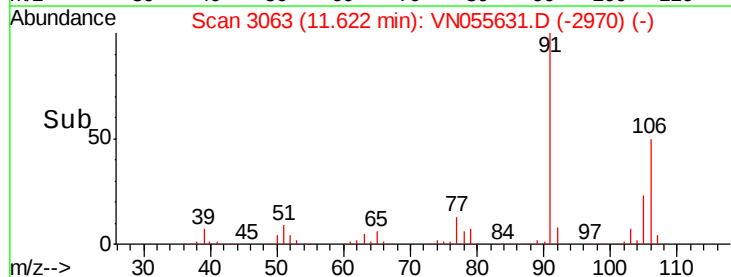
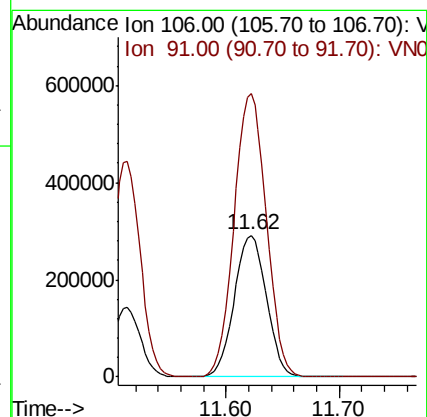
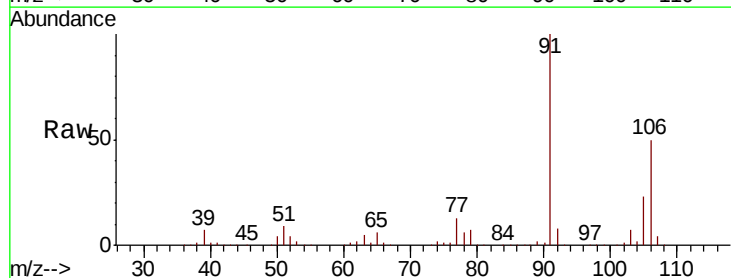
Acq: 17 May 2019 23:27

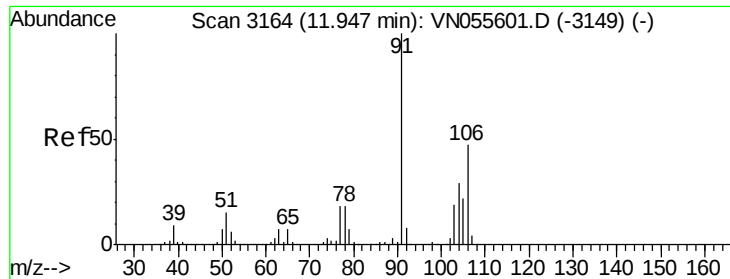
Tgt Ion: 106 Resp: 577167

Ion Ratio Lower Upper

106 100

91 200.2 160.5 240.7

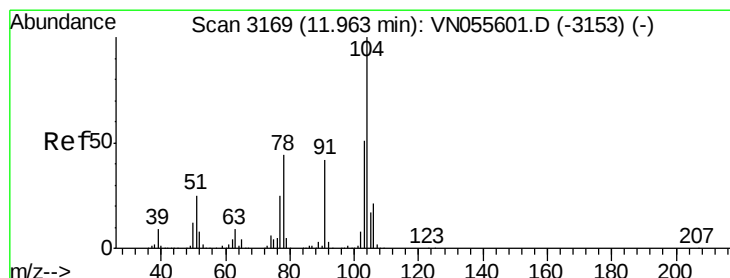
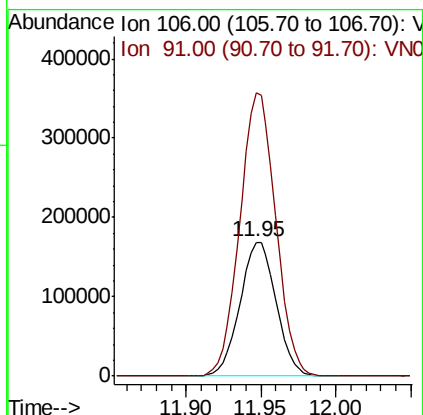
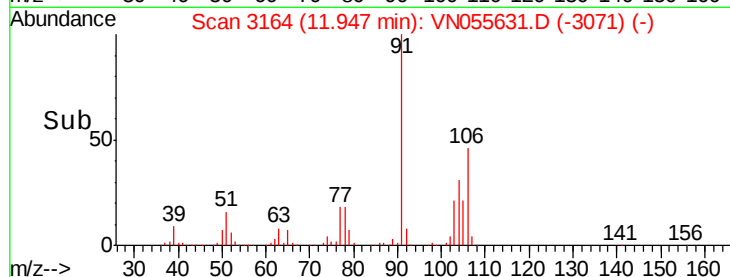
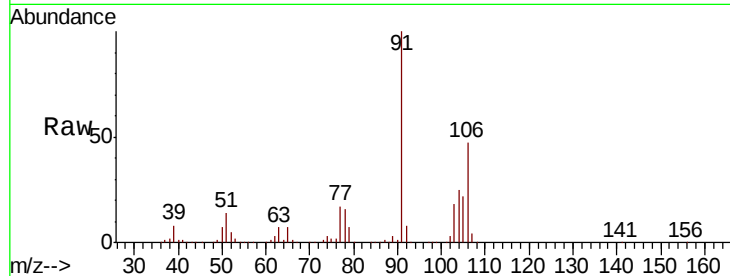




#69  
o-Xylene  
Concen: 47.326 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

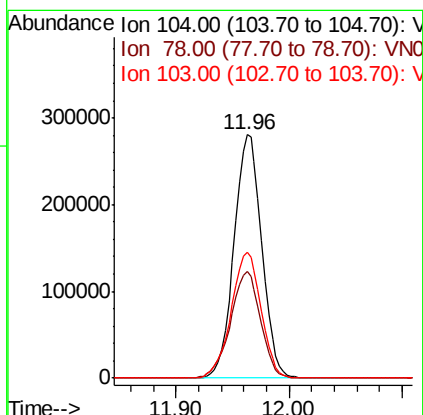
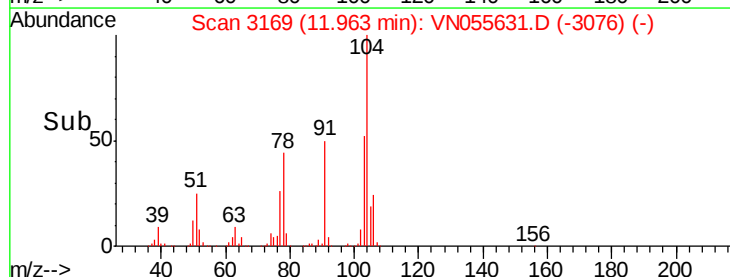
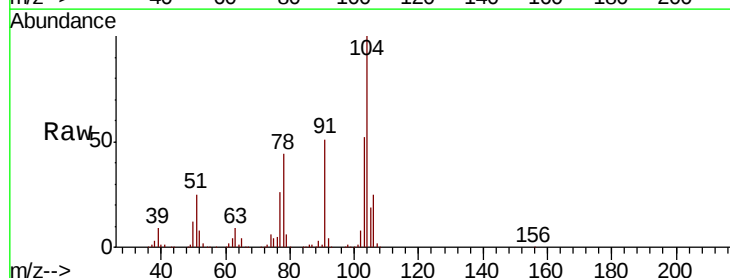
Instrument :  
MSVOA\_N  
ClientSampled :

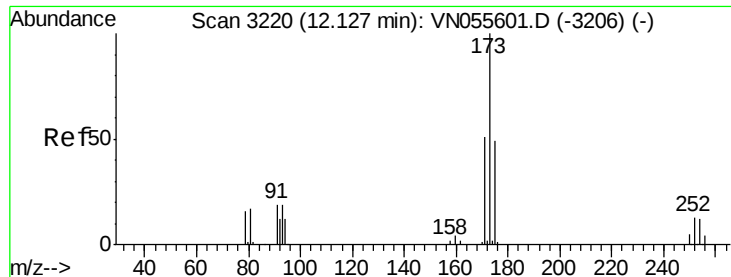
Tot Ion:106 Resp: 282854  
Ion Ratio Lower Upper  
106 100  
91 211.0 106.7 320.2



#70  
Styrene  
Concen: 48.216 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion:104 Resp: 479153  
Ion Ratio Lower Upper  
104 100  
78 47.2 38.6 58.0  
103 55.3 44.4 66.6

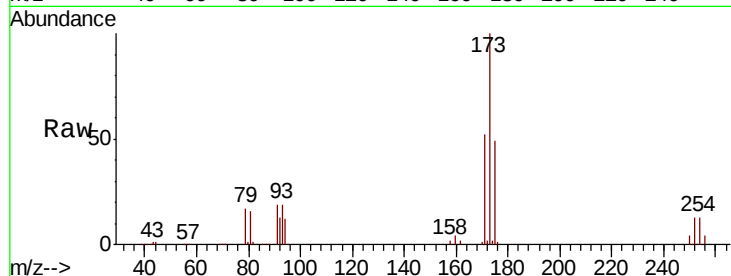




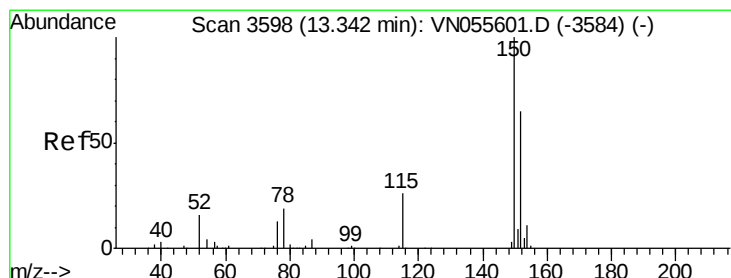
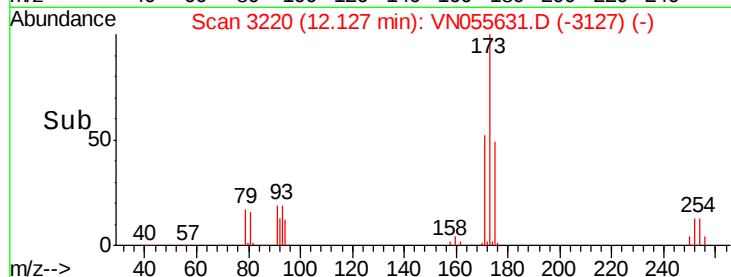
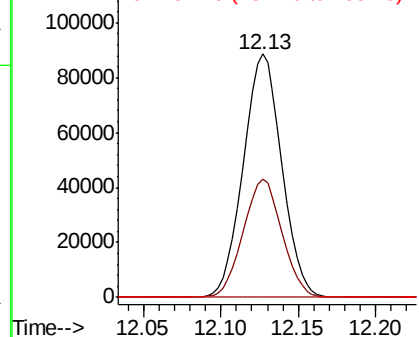
#71  
Bromoform  
Concen: 49.453 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:173 Resp: 153144  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.3 72.9  
254 0.0 0.1 0.1#

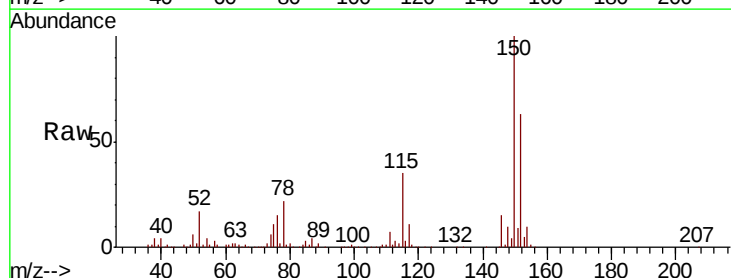


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

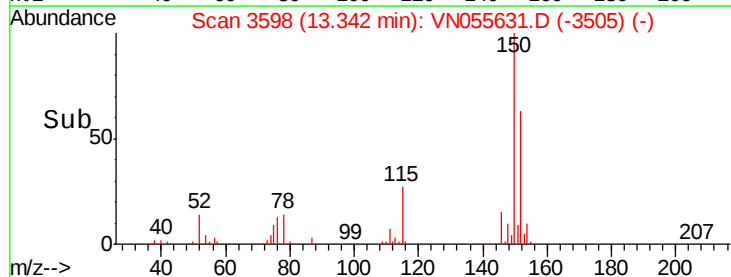
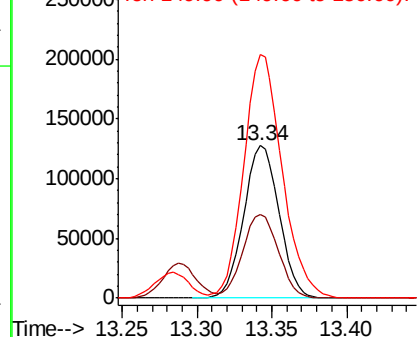


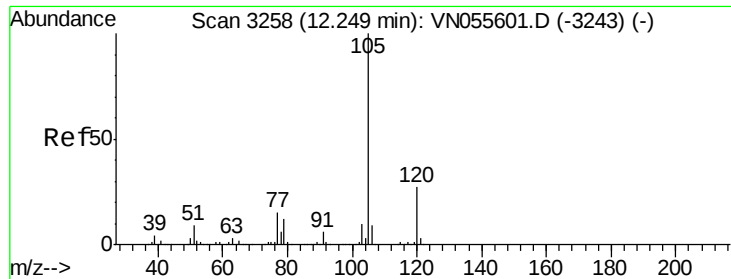
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion:152 Resp: 209912  
Ion Ratio Lower Upper  
152 100  
115 55.5 28.1 84.2  
150 173.4 0.0 348.0



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





#73

Isopropylbenzene

Concen: 50.189 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

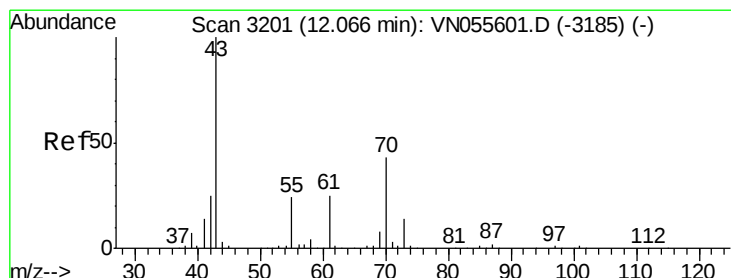
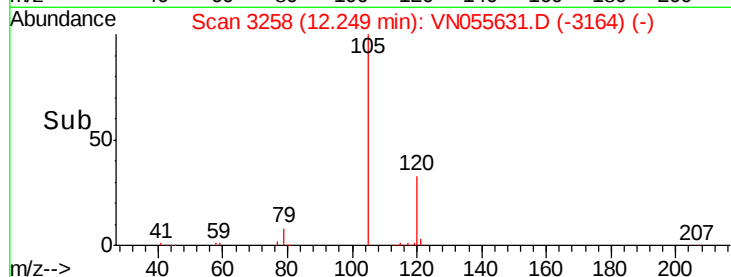
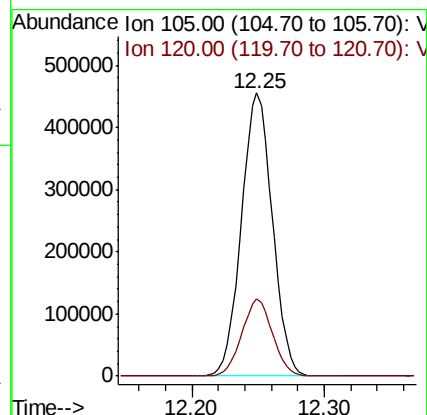
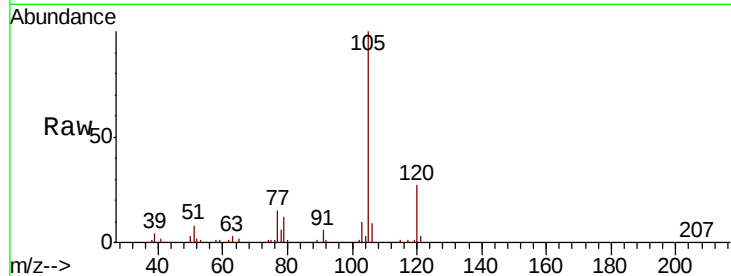
ClientSampled :

Tot Ion:105 Resp: 739172

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 38.443 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Tgt Ion: 43 Resp: 226591

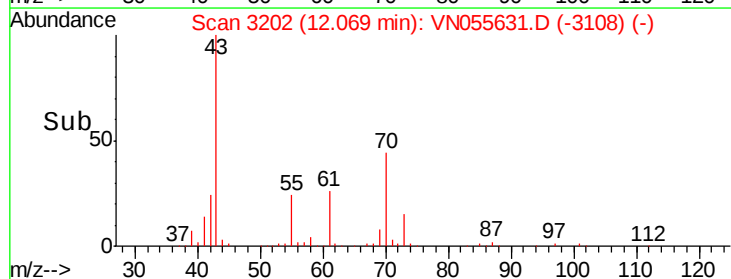
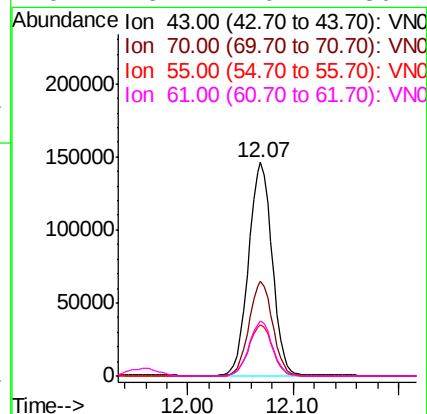
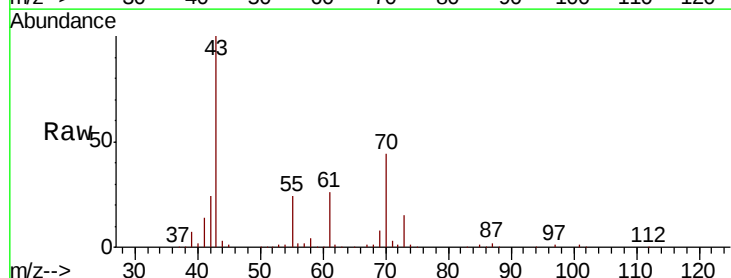
Ion Ratio Lower Upper

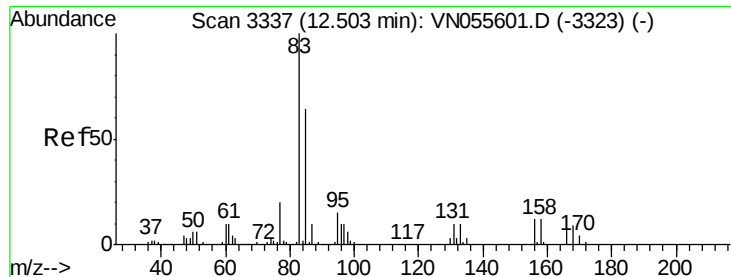
43 100

70 44.7 35.0 52.6

55 23.8 18.9 28.3

61 25.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.182 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

ClientSampleId :

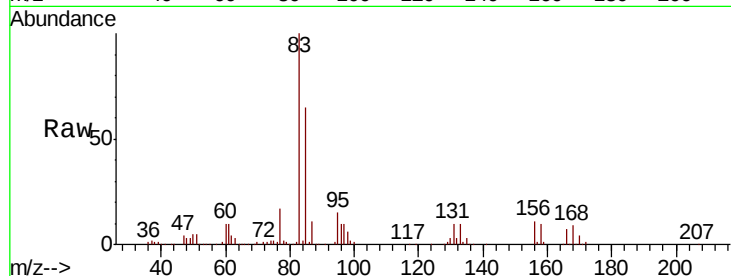
Tot Ion: 83 Resp: 235784

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

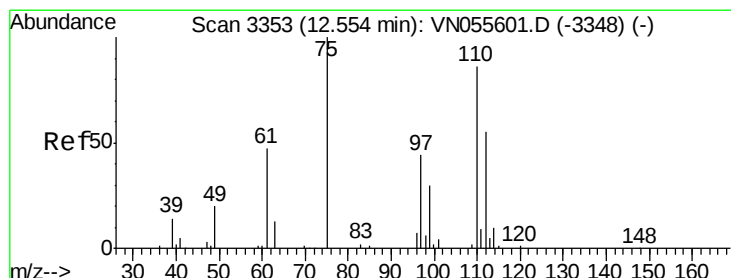
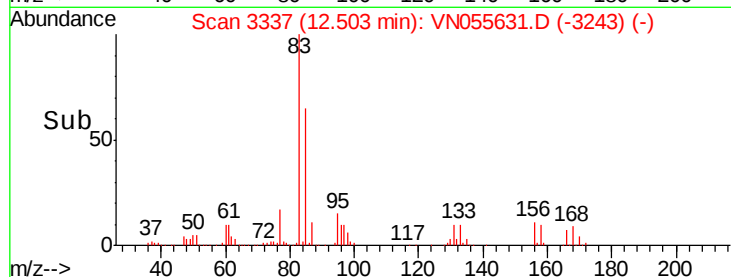
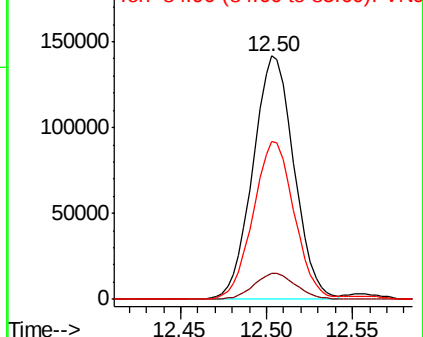
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN055601.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055601.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055601.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 65.319 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055631.D

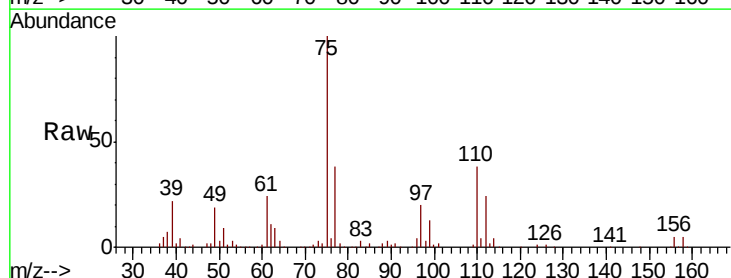
Acq: 17 May 2019 23:27

Tgt Ion: 75 Resp: 279779

Ion Ratio Lower Upper

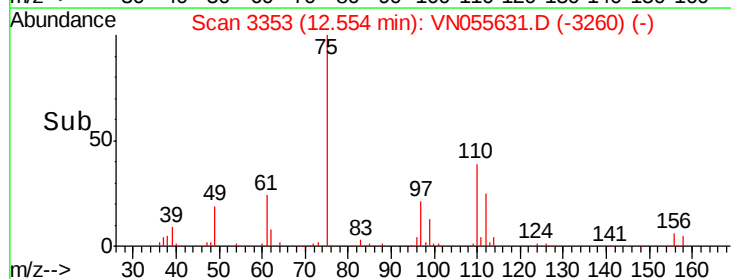
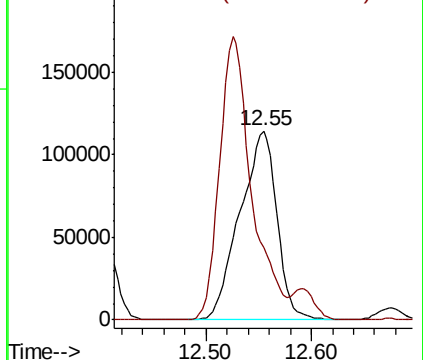
75 100

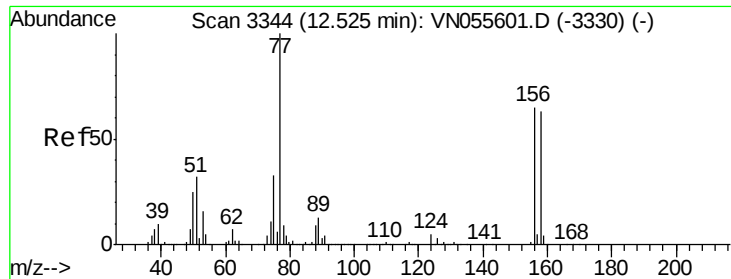
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055601.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055601.D (-3348) (-)





#77

Bromobenzene

Concen: 46.912 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

ClientSampleId :

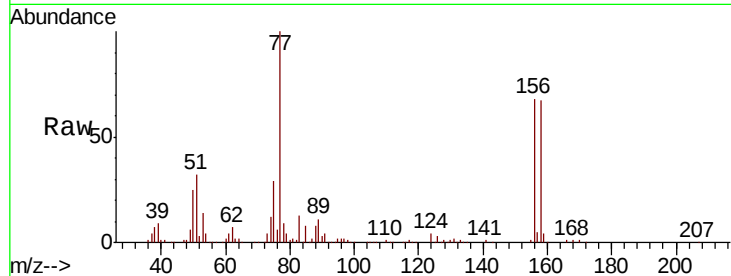
Tot Ion:156 Resp: 202238

Ion Ratio Lower Upper

156 100

77 178.5 94.5 283.5

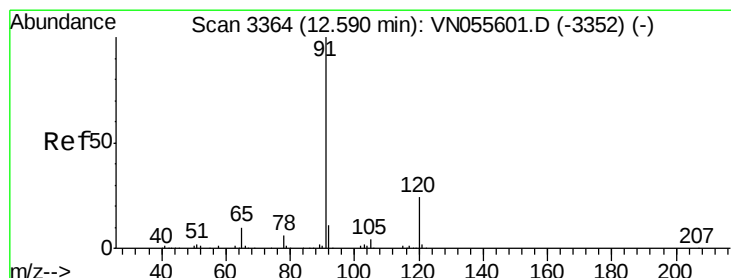
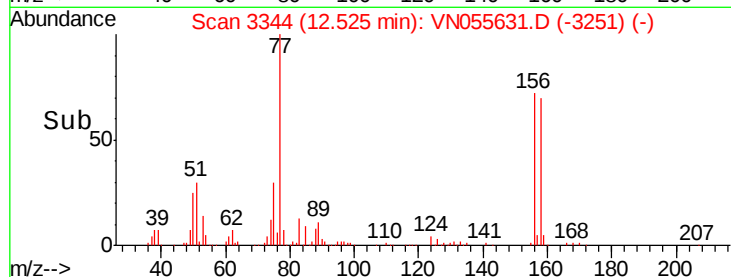
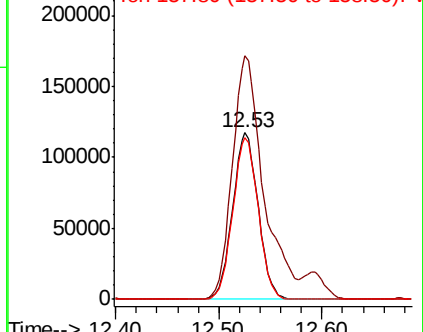
158 96.7 49.0 147.2



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: 43.439 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055631.D

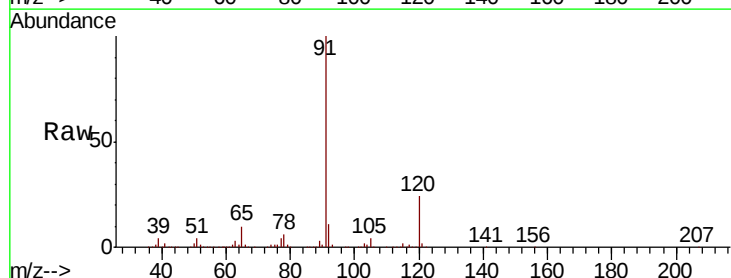
Acq: 17 May 2019 23:27

Tgt Ion: 91 Resp: 809748

Ion Ratio Lower Upper

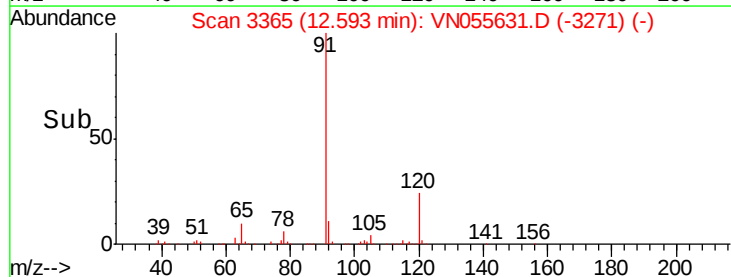
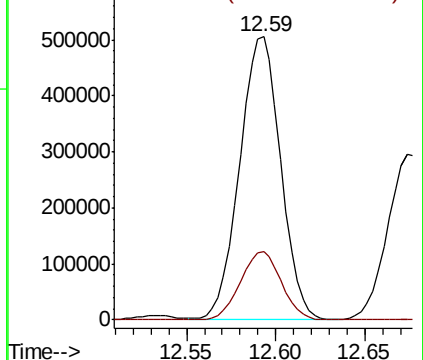
91 100

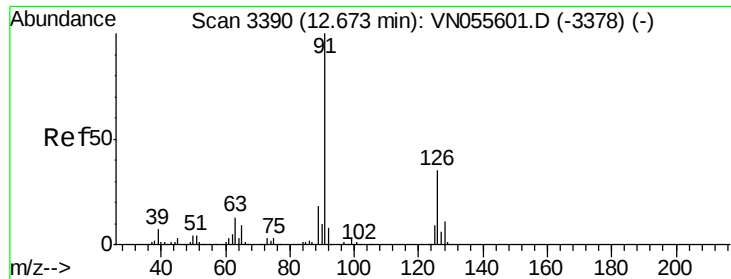
120 24.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

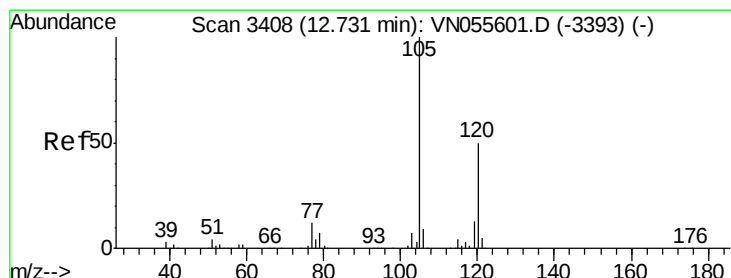
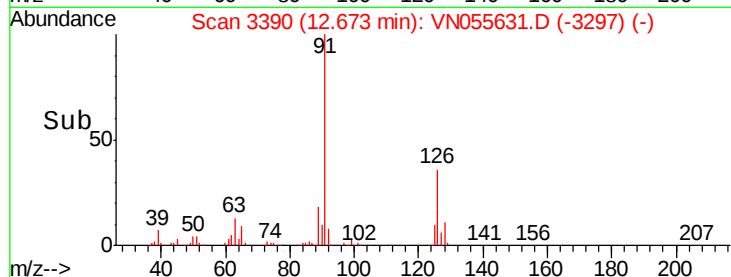
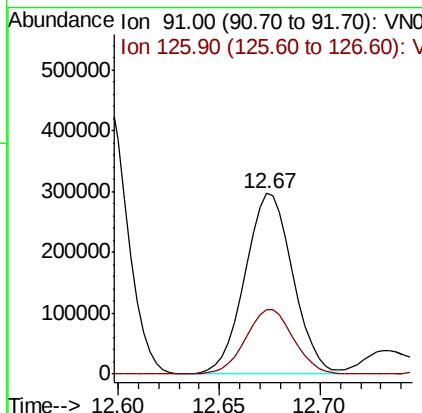
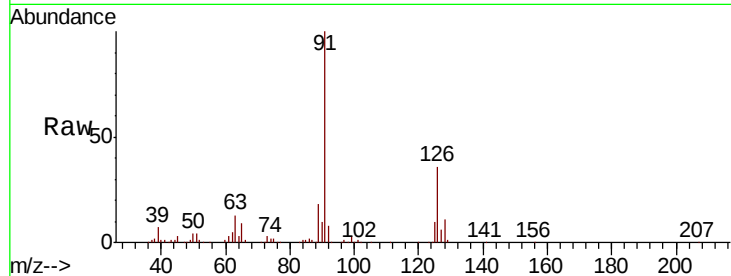




#79  
 2-Chlorotoluene  
 Concen: 49.221 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

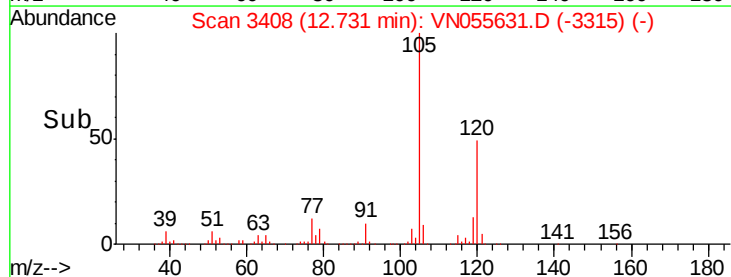
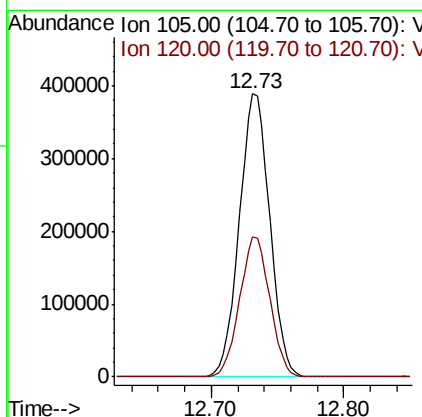
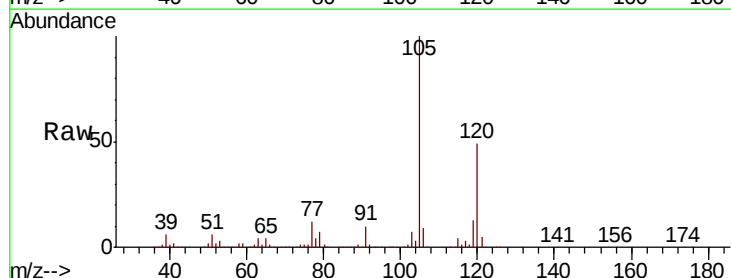
Instrument :  
 MSVOA\_N  
 ClientSampleId :

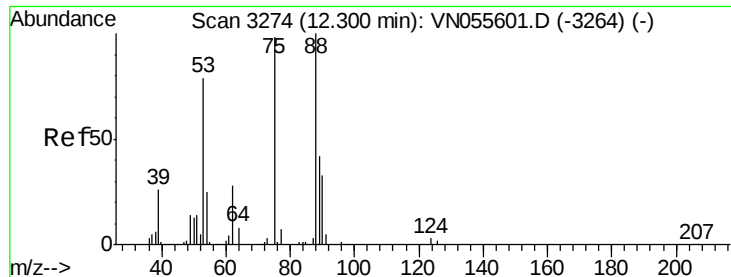
Tot Ion: 91 Resp: 491300  
 Ion Ratio Lower Upper  
 91 100  
 126 35.9 17.8 53.4



#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.133 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

Tgt Ion: 105 Resp: 618733  
 Ion Ratio Lower Upper  
 105 100  
 120 49.2 24.6 74.0

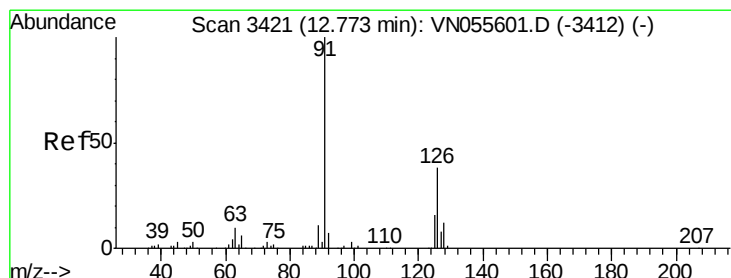
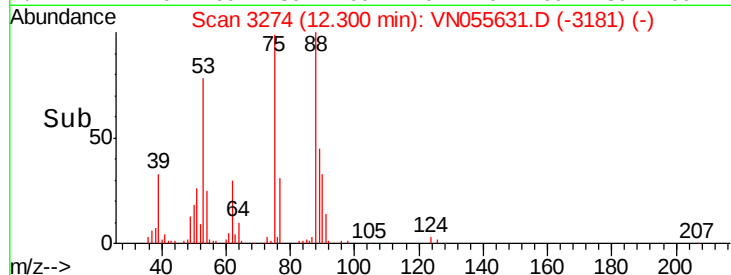
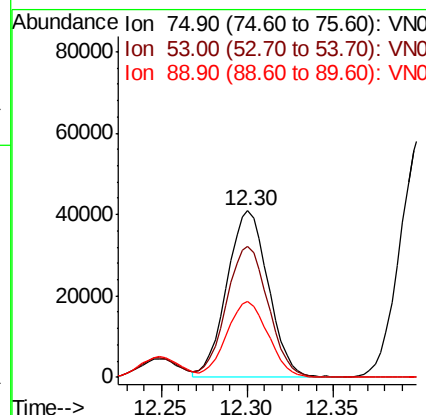
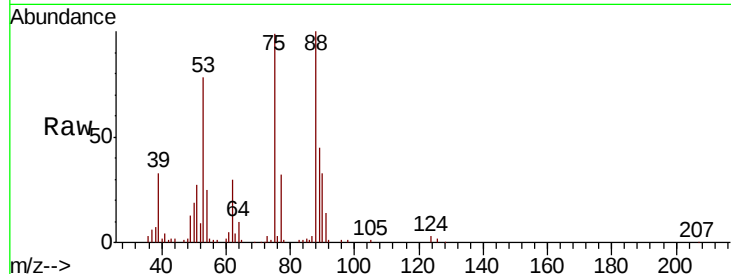




#81  
trans-1,4-Dichloro-2-butene  
Concen: 41.253 ug/l  
RT: 12.30 min Scan# 3274  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

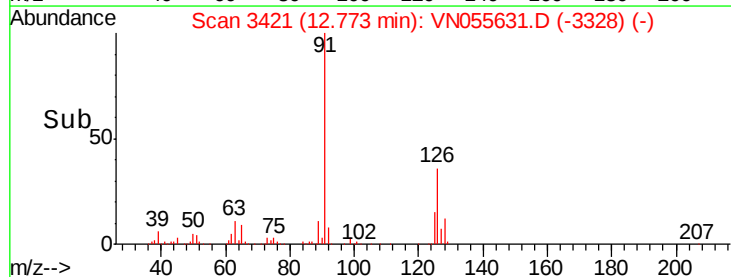
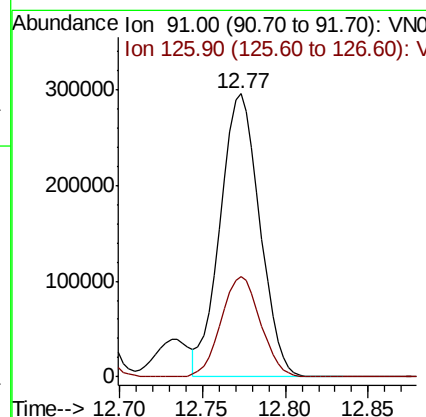
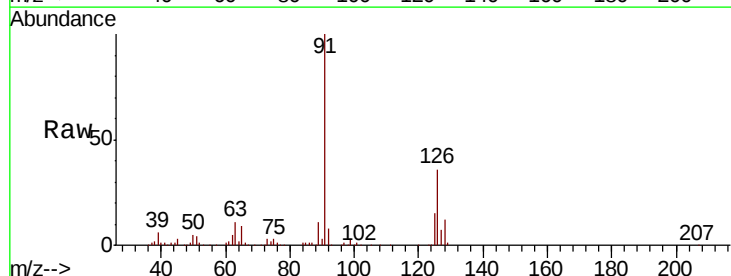
Instrument :  
MSVOA\_N  
ClientSampled :

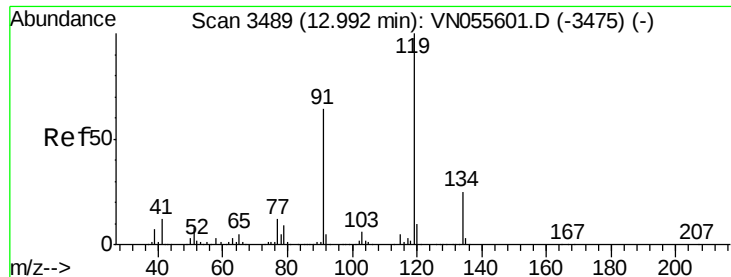
Tot Ion: 75 Resp: 68739  
Ion Ratio Lower Upper  
75 100  
53 78.7 65.1 97.7  
89 45.6 36.4 54.6



#82  
4-Chlorotoluene  
Concen: 44.573 ug/l  
RT: 12.77 min Scan# 3421  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 91 Resp: 489549  
Ion Ratio Lower Upper  
91 100  
126 35.4 17.5 52.6

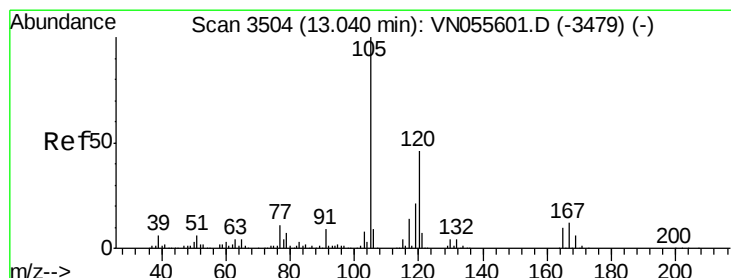
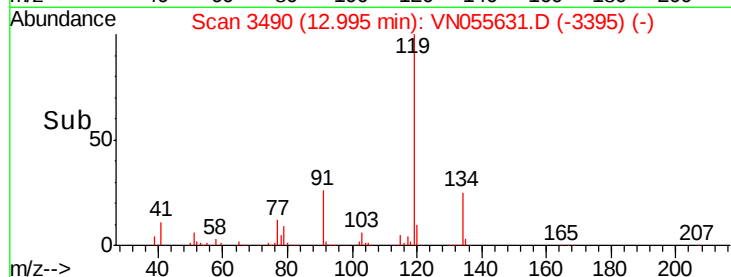
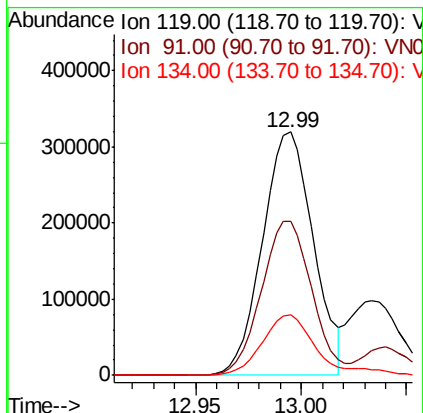
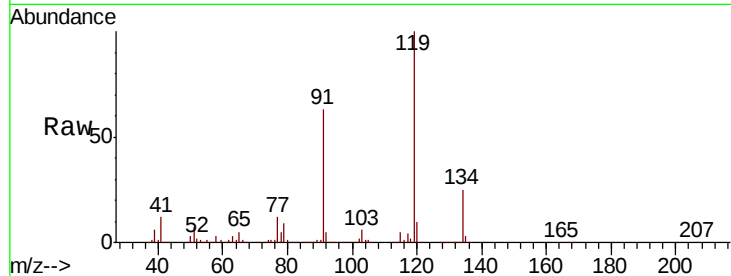




#83  
 tert-Butylbenzene  
 Concen: 50.298 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

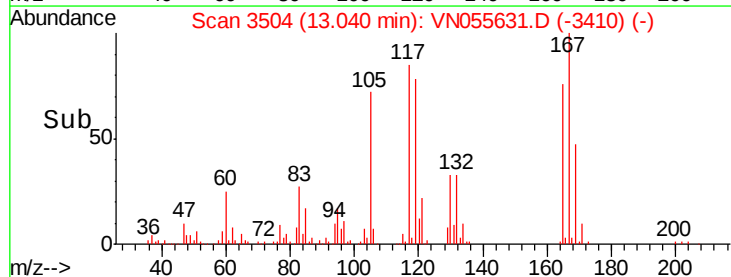
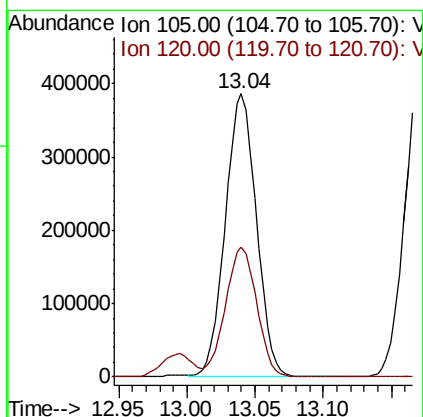
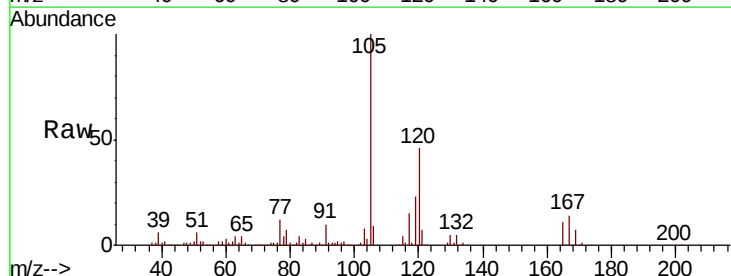
Instrument :  
 MSVOA\_N  
 ClientSampleId :

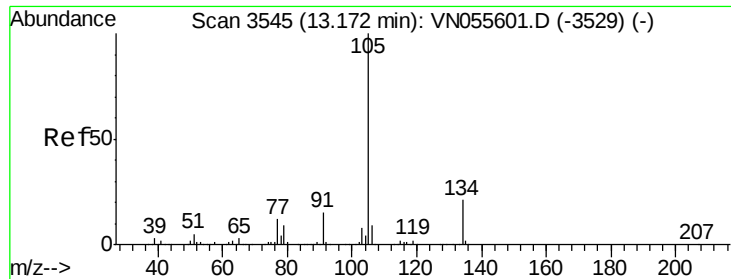
Tot Ion:119 Resp: 537166  
 Ion Ratio Lower Upper  
 119 100  
 91 62.4 31.3 93.8  
 134 26.4 13.2 39.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 48.578 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

Tgt Ion:105 Resp: 610989  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 48.998 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

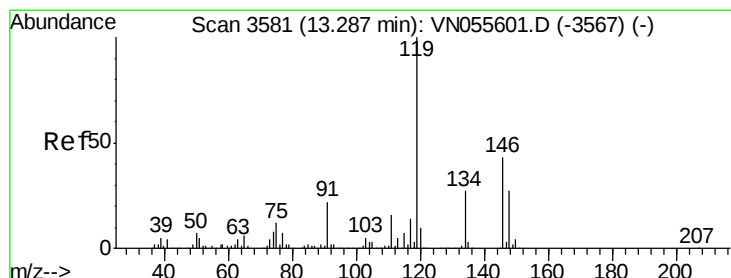
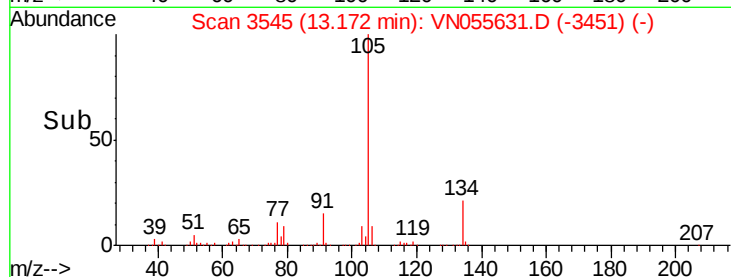
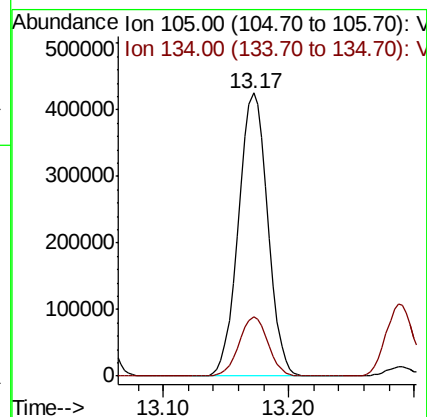
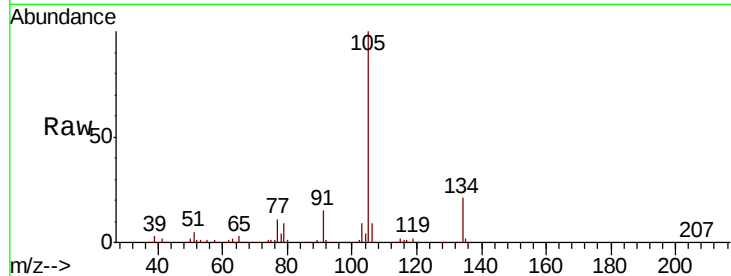
ClientSampled :

Tot Ion:105 Resp: 688224

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.9



#86

p-Isopropyltoluene

Concen: 48.026 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

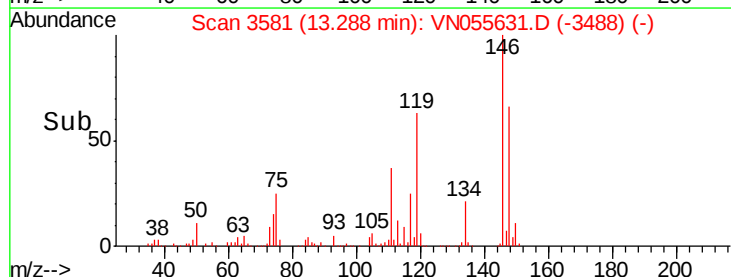
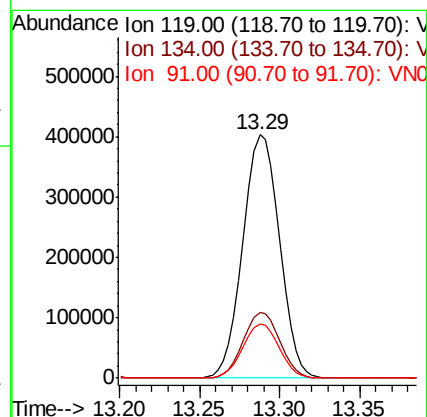
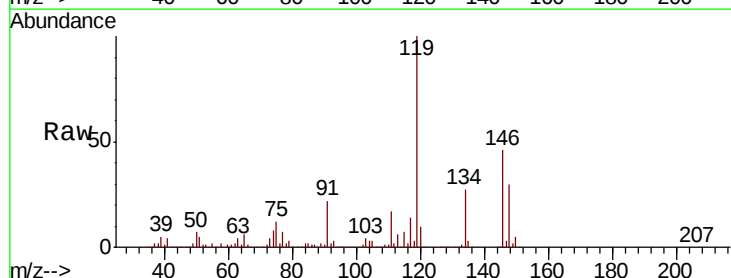
Tgt Ion:119 Resp: 628415

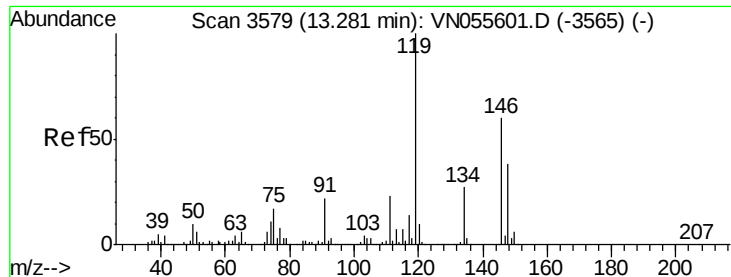
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 21.9 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 46.391 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

ClientSampled :

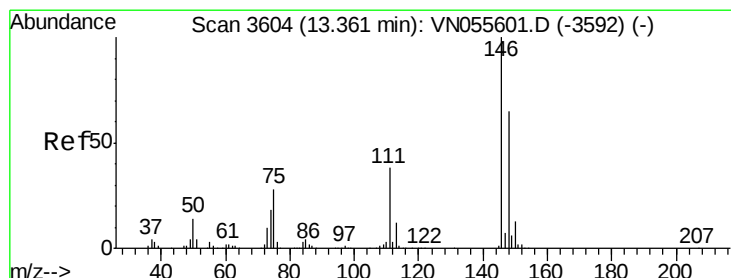
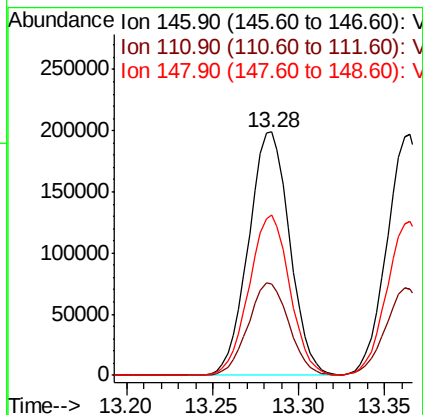
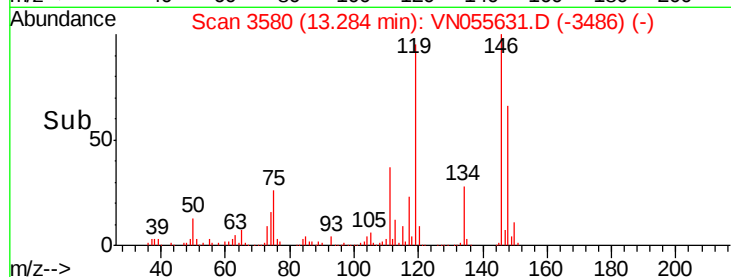
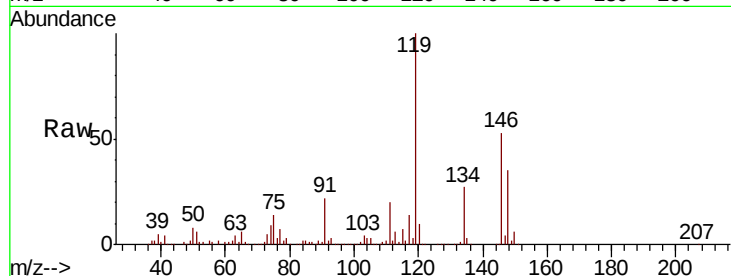
Tot Ion:146 Resp: 330668

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.9

148 65.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.778 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

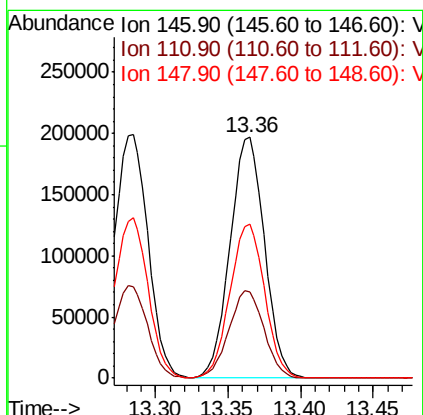
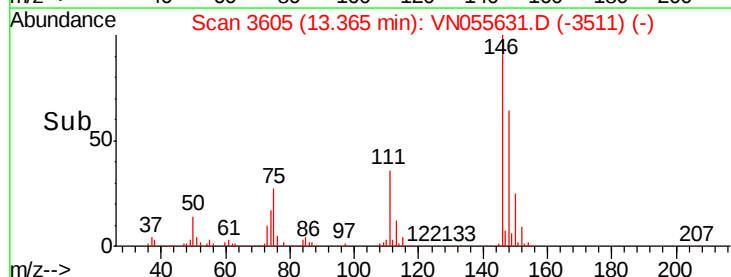
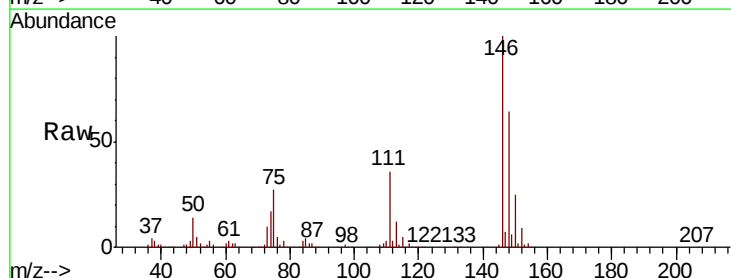
Tgt Ion:146 Resp: 325166

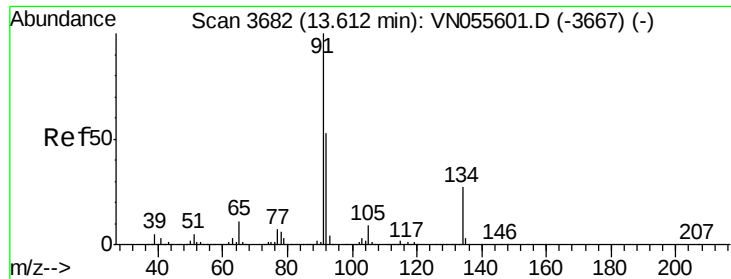
Ion Ratio Lower Upper

146 100

111 36.8 18.8 56.4

148 64.3 32.4 97.0

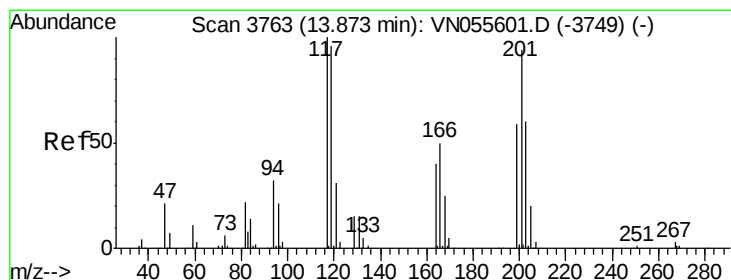
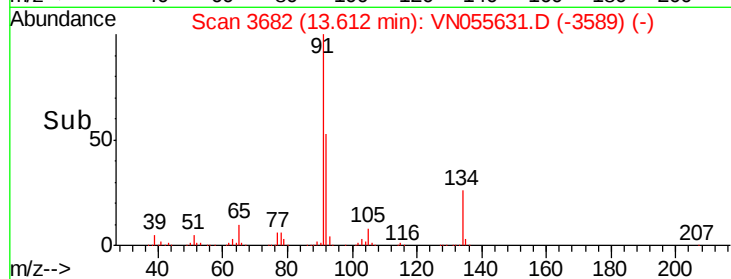
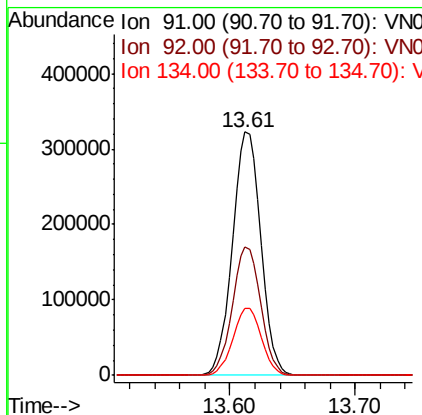
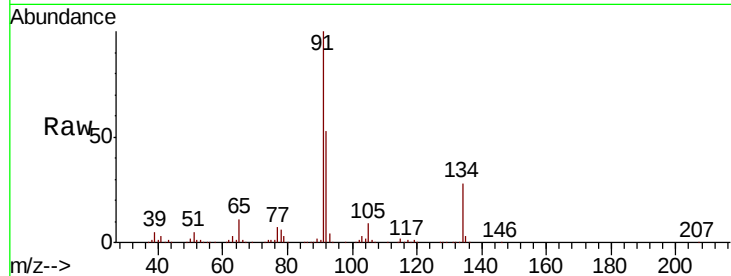




#89  
n-Butylbenzene  
Concen: 43.928 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

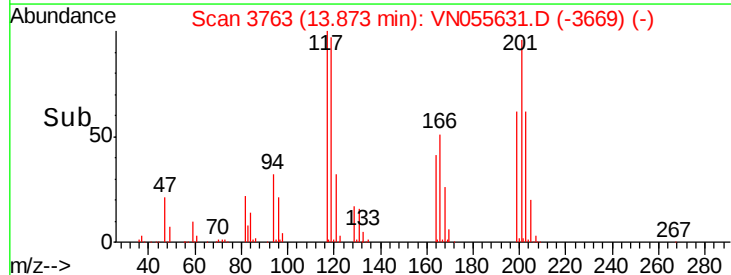
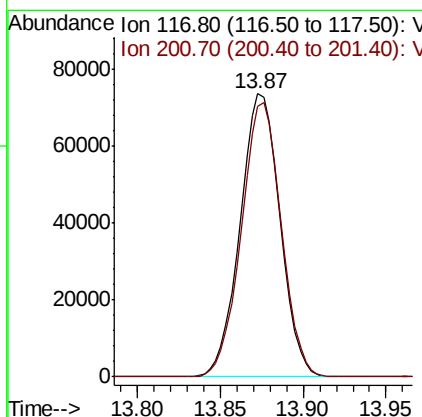
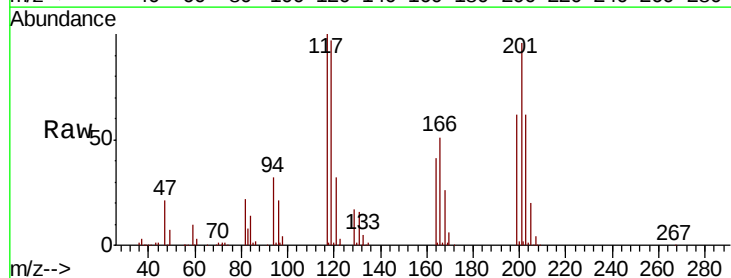
Instrument :  
MSVOA\_N  
ClientSampleId :

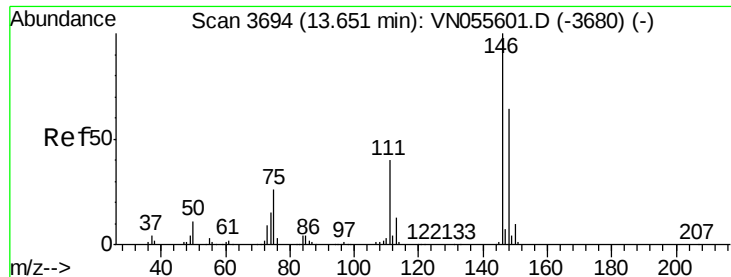
Tot Ion: 91 Resp: 505996  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.4 79.0  
134 27.8 13.7 41.1



#90  
Hexachloroethane  
Concen: 49.375 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN055631.D  
Acq: 17 May 2019 23:27

Tgt Ion: 117 Resp: 123327  
Ion Ratio Lower Upper  
117 100  
201 96.6 47.1 141.3





#91

1,2-Dichlorobenzene

Concen: 46.481 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

ClientSampleId :

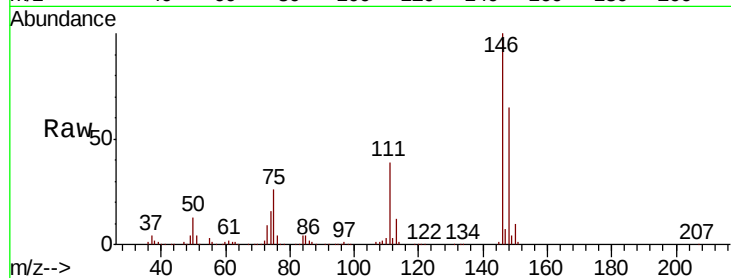
Tot Ion:146 Resp: 330268

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.0

148 64.1 32.1 96.3

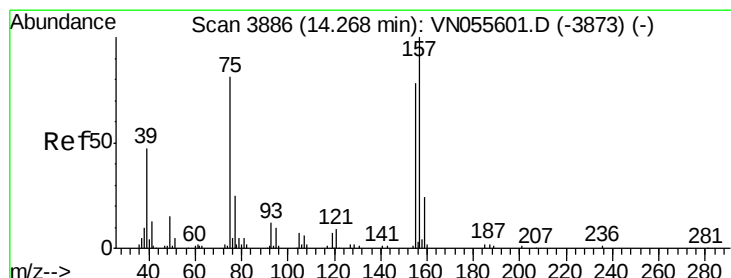
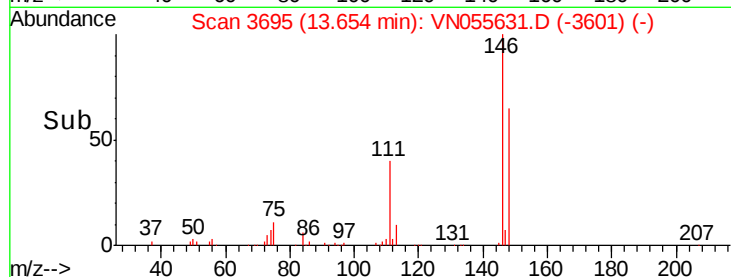
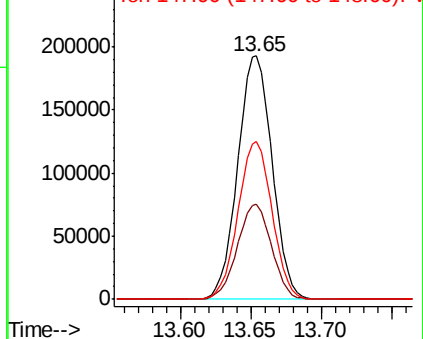


Abundance

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.743 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

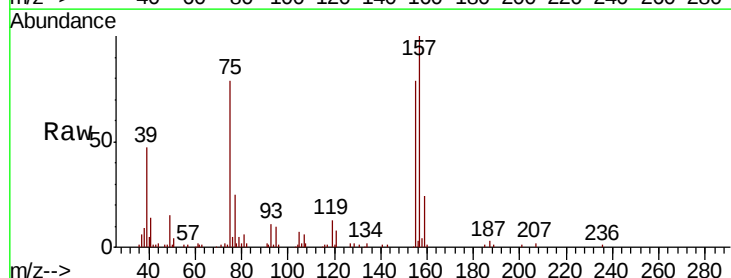
Tgt Ion: 75 Resp: 46434

Ion Ratio Lower Upper

75 100

155 101.6 48.4 145.0

157 129.1 62.3 186.8

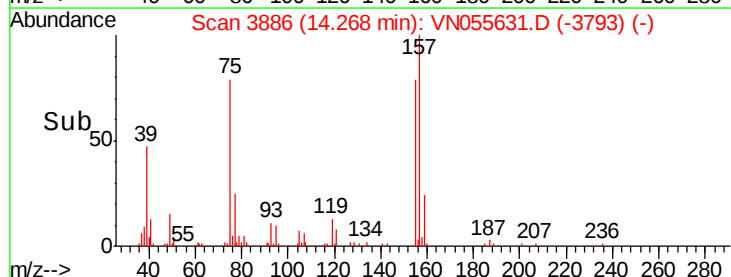
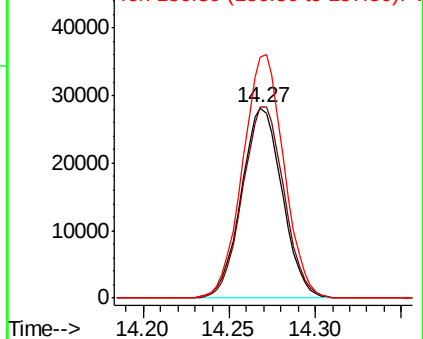


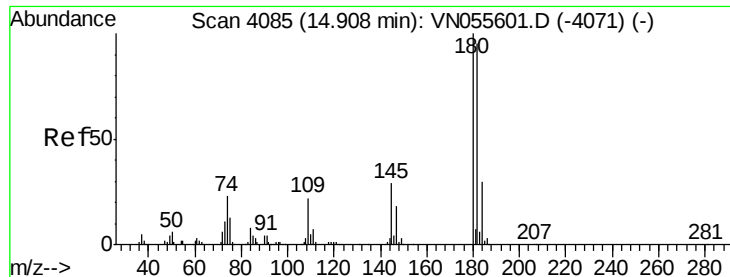
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

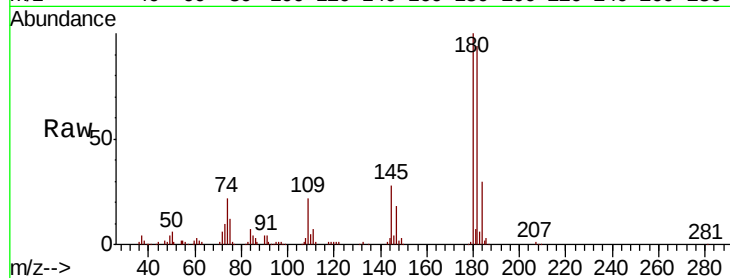




#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.533 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 47.9  | 143.6 |
| 145     | 28.4  | 14.3  | 42.9  |

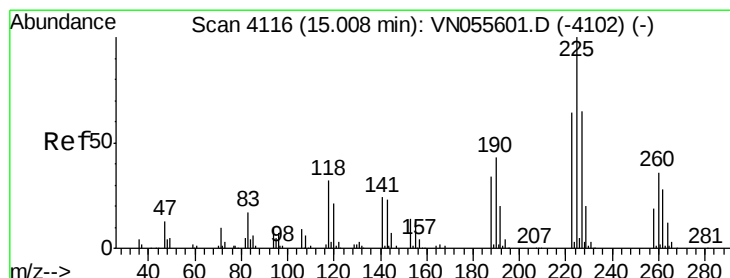
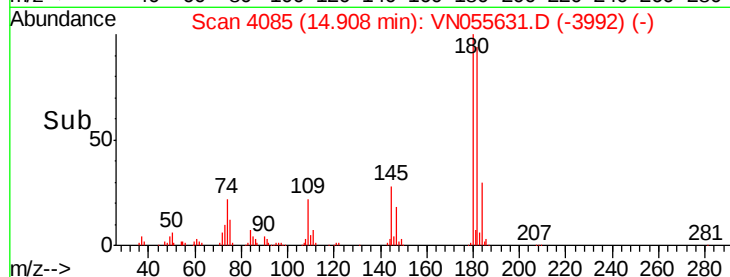
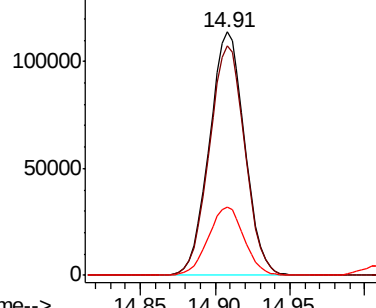


Abundance

Ion 179.80 (179.50 to 180.50): V

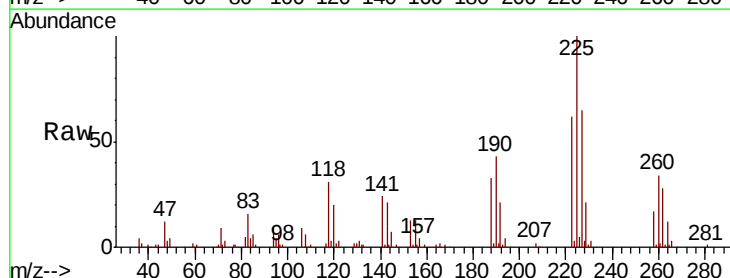
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 46.750 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN055631.D  
 Acq: 17 May 2019 23:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.1  | 31.6  | 94.7  |
| 227     | 64.1  | 32.4  | 97.0  |

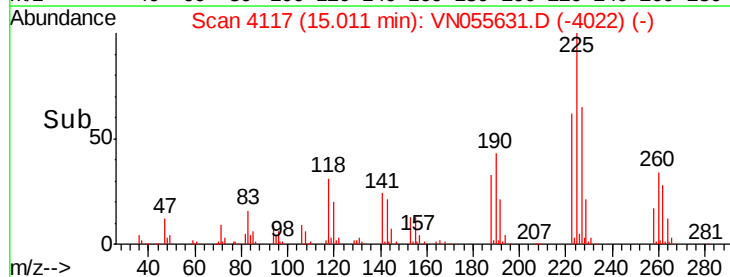
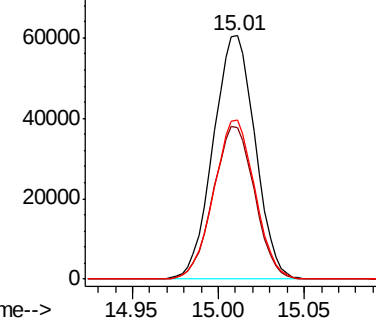


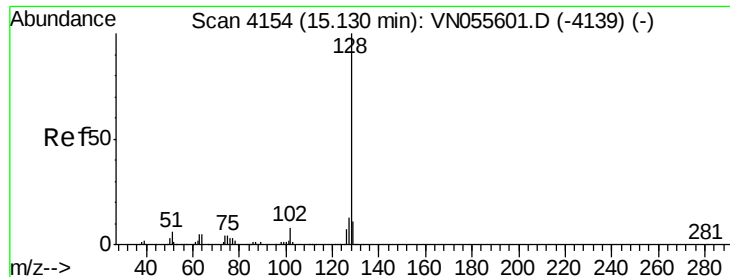
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.521 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

Instrument :

MSVOA\_N

ClientSampleId :

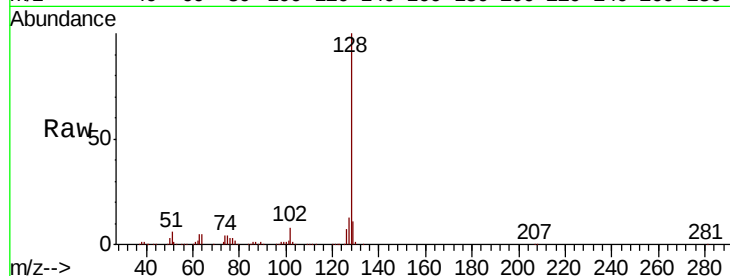
Tot Ion:128 Resp: 517723

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

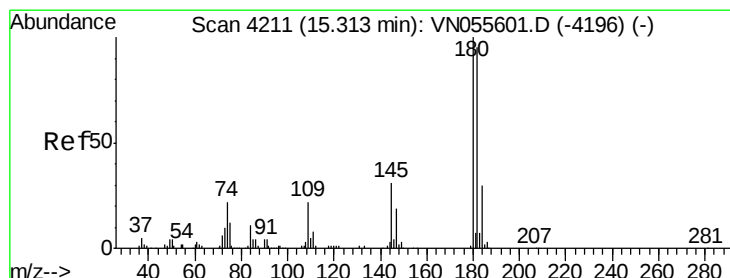
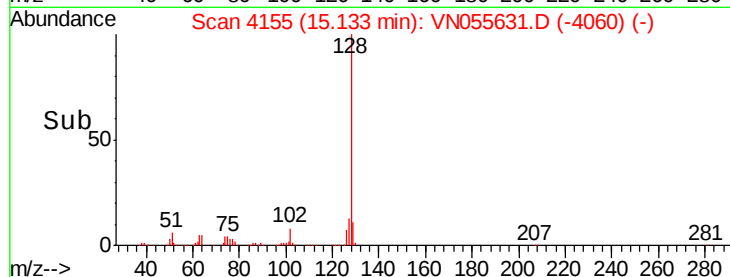
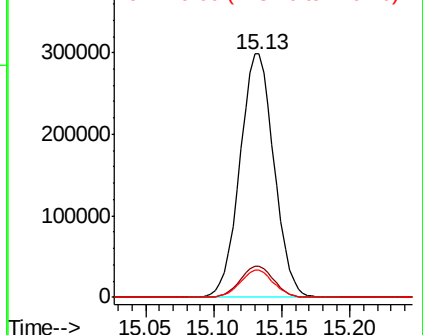
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.088 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055631.D

Acq: 17 May 2019 23:27

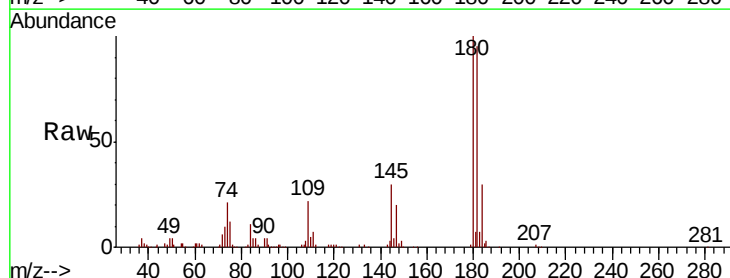
Tgt Ion:180 Resp: 185635

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.6

145 30.6 15.4 46.1



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

