

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071719\  
 Data File : VN056794.D  
 Acq On : 17 Jul 2019 14:11  
 Operator : JC/SP  
 Sample : VN0717WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 18 01:05:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 16 07:03:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 306726   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 486860   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 428314   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 179772   | 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   | 172463   | 50.83 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.66% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 150996   | 49.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.68%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 576376   | 49.25 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.50%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 188918   | 47.87 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.74%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 53706    | 18.647 | ug/l   | 99     |
| 3) Chloromethane              | 2.06 | 50   | 71367    | 18.431 | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.19 | 62   | 69174    | 18.551 | ug/l   | 99     |
| 5) Bromomethane               | 2.55 | 94   | 32916    | 15.011 | ug/l   | 99     |
| 6) Chloroethane               | 2.70 | 64   | 39659    | 18.252 | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 3.01 | 101  | 89925    | 18.794 | ug/l   | 98     |
| 8) Diethyl Ether              | 3.41 | 74   | 35926    | 19.259 | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101  | 54484    | 18.953 | ug/l   | 99     |
| 10) Methyl Iodide             | 3.95 | 142  | 48293    | 12.560 | ug/l   | 97     |
| 11) Tert butyl alcohol        | 4.79 | 59   | 52848    | 93.580 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 54688    | 18.966 | ug/l   | 97     |
| 13) Acrolein                  | 3.61 | 56   | 15776    | 88.969 | ug/l   | 98     |
| 14) Allyl chloride            | 4.32 | 41   | 92926    | 18.636 | ug/l   | 100    |
| 15) Acrylonitrile             | 4.99 | 53   | 161582   | 99.077 | ug/l   | 99     |
| 16) Acetone                   | 3.82 | 43   | 126646   | 81.002 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.05 | 76   | 131559   | 17.266 | ug/l   | 97     |
| 18) Methyl Acetate            | 4.33 | 43   | 70474    | 19.475 | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 178463   | 19.425 | ug/l   | 100    |
| 20) Methylene Chloride        | 4.55 | 84   | 64857    | 18.982 | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 58716    | 19.264 | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.96 | 45   | 196617   | 19.976 | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.90 | 43   | 790188   | 99.072 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 110466   | 19.358 | ug/l   | 100    |
| 25) 2-Butanone                | 6.84 | 43   | 208714   | 91.307 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 73253    | 17.803 | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 69047    | 19.688 | ug/l   | 98     |
| 28) Bromochloromethane        | 7.19 | 49   | 55649    | 20.741 | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 145411   | 97.533 | ug/l   | 99     |
| 30) Chloroform                | 7.37 | 83   | 110039   | 19.270 | ug/l   | 98     |
| 31) Cyclohexane               | 7.65 | 56   | 103526   | 19.087 | ug/l # | 94     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 86952    | 19.254 | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 80446    | 17.856 | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.93 | 43   | 86866    | 19.563 | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 76360    | 18.073 | ug/l   | 100    |

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 Data File : VN056794.D  
 Acq On : 17 Jul 2019 14:11  
 Operator : JC/SP  
 Sample : VN0717WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 18 01:05:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 16 07:03:34 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 98375    | 17.684  | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 257675   | 18.666  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.21  | 41   | 126443   | 64.828  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 83797    | 19.207  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.17  | 43   | 131248   | 18.802  | ug/l   | 99       |
| 44) Trichloroethene            | 8.84  | 130  | 68656    | 18.315  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 68701    | 18.730  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 43651    | 19.204  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.40  | 83   | 80699    | 18.683  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.20  | 41   | 64691    | 19.163  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 9.20  | 88   | 27847    | 402.009 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 428837   | 94.850  | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 155802   | 19.005  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 82777    | 18.368  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 95590    | 18.279  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 65577    | 19.071  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 96720    | 19.549  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 108038   | 19.238  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 221302   | 93.018  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 301734   | 93.009  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 62741    | 18.553  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 66319    | 19.407  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 66746    | 18.063  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 165111   | 18.853  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 60278    | 18.693  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.51 | 91   | 286956   | 18.644  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 215822   | 37.521  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 105381   | 18.635  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 173318   | 18.957  | ug/l   | 100      |
| 71) Bromoform                  | 12.12 | 173  | 44986    | 18.336  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 276093   | 19.047  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 102777   | 19.039  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 92777    | 20.975  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 108616   | 27.624  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 73697    | 19.438  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 301753   | 18.751  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 187141   | 20.062  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 238301   | 19.397  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 21997    | 17.278  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 176190   | 18.657  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 203462   | 20.390  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 231401   | 19.281  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 264645   | 19.386  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 238036   | 19.248  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 115719   | 18.624  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 110386   | 18.264  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.61 | 91   | 181530   | 18.223  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 37013    | 18.508  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 120938   | 19.031  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 15277    | 19.655  | ug/l   | 99       |

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Acq On : 17 Jul 2019 14:11  
Operator : JC/SP  
Sample : VN0717WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 15 Sample Multiplier: 1

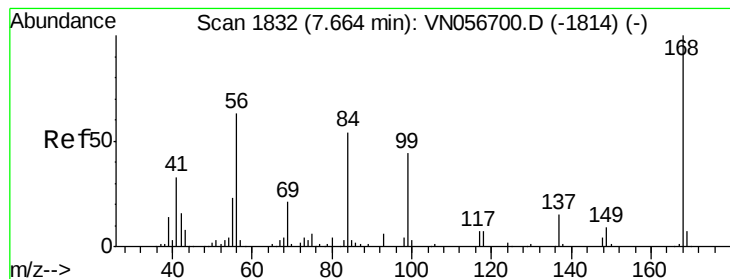
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jul 18 01:05:49 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 16 07:03:34 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 56049    | 18.478 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 41648    | 20.088 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 158153   | 19.459 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 61180    | 19.709 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

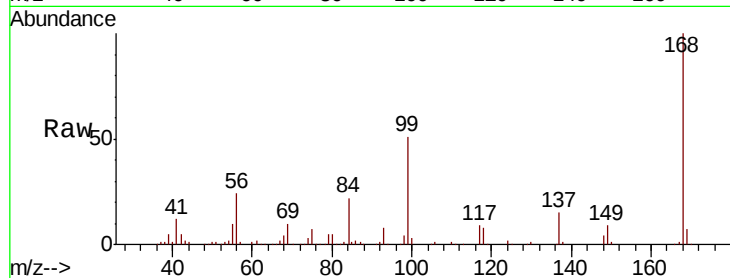
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:168 Resp: 306726

Ion Ratio Lower Upper

168 100

99 50.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

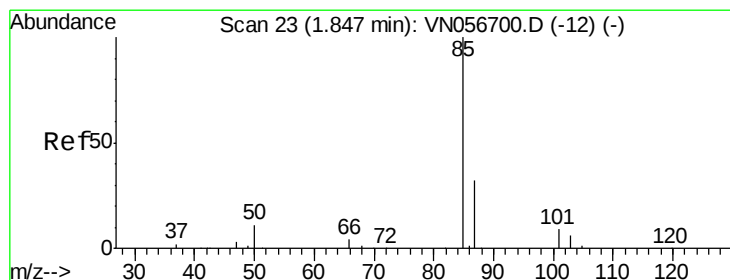
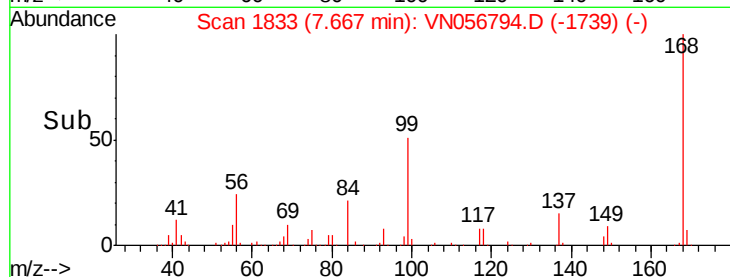
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.647 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056794.D

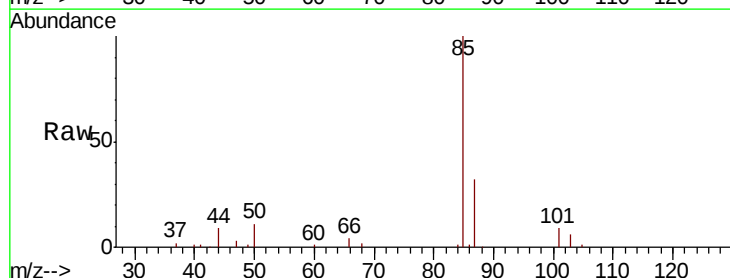
Acq: 17 Jul 2019 14:11

Tgt Ion: 85 Resp: 53706

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

40000

30000

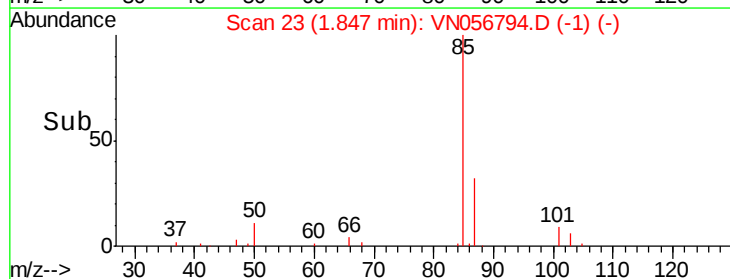
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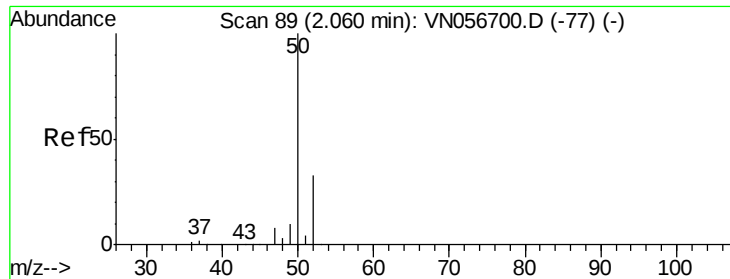
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0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.431 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

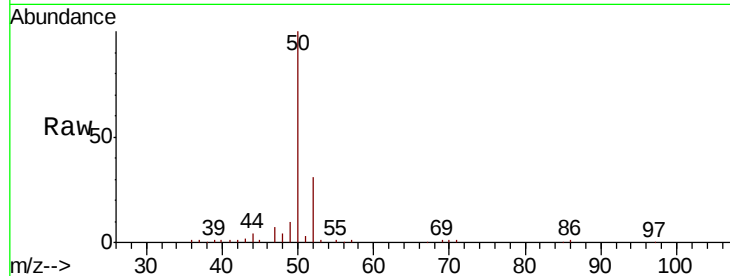
ClientSampled :

Tot Ion: 50 Resp: 71367

Ion Ratio Lower Upper

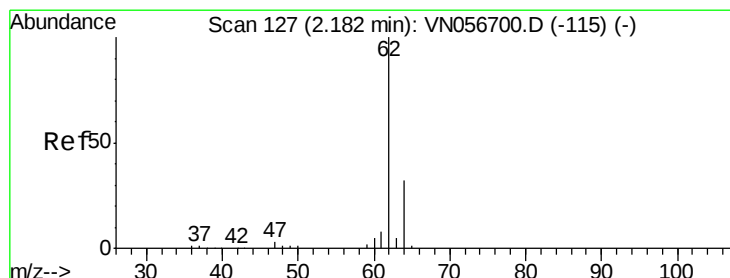
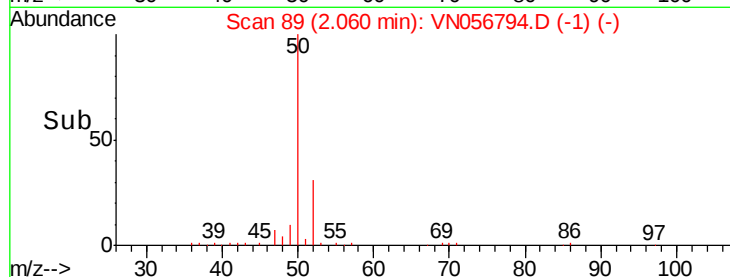
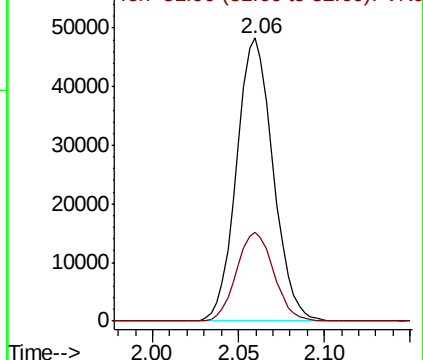
50 100

52 31.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.551 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056794.D

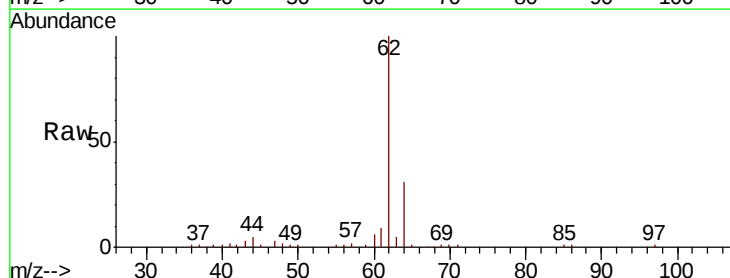
Acq: 17 Jul 2019 14:11

Tgt Ion: 62 Resp: 69174

Ion Ratio Lower Upper

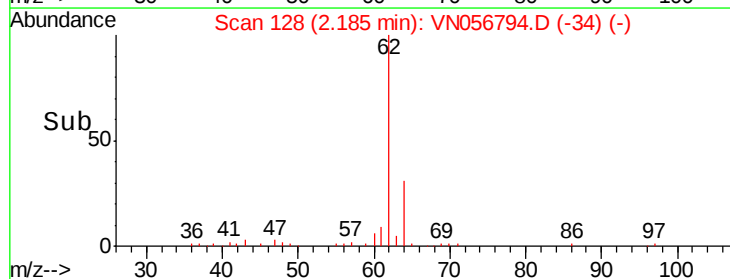
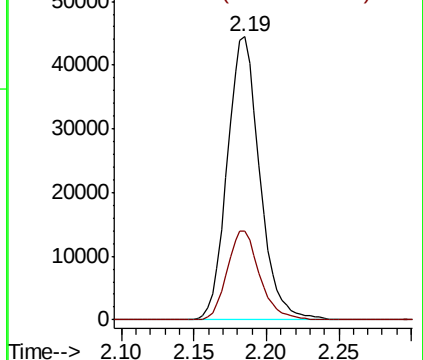
62 100

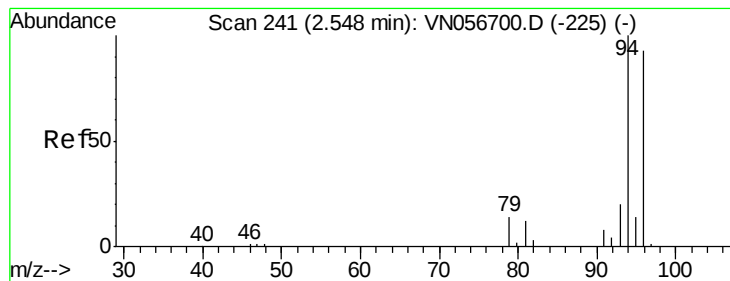
64 31.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 15.011 ug/l

RT: 2.55 min Scan# 243

Delta R.T. 0.01 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

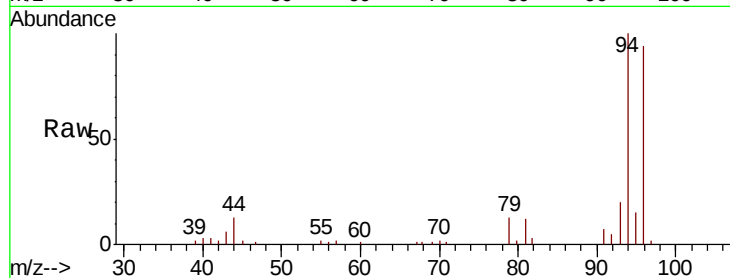
ClientSampleId :

Tot Ion: 94 Resp: 32916

Ion Ratio Lower Upper

94 100

96 93.1 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

15000

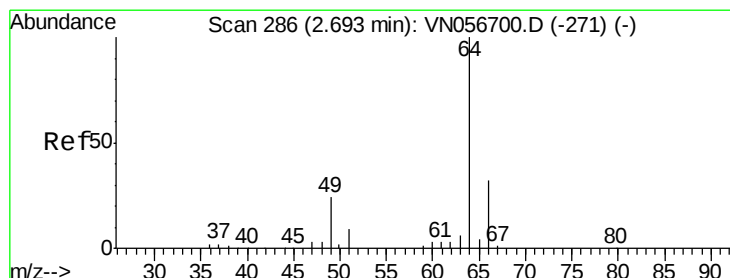
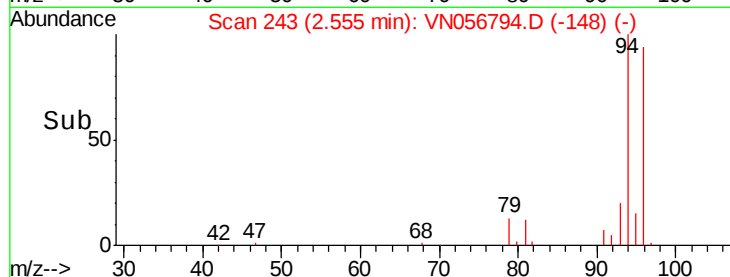
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 18.252 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.00 min

Lab File: VN056794.D

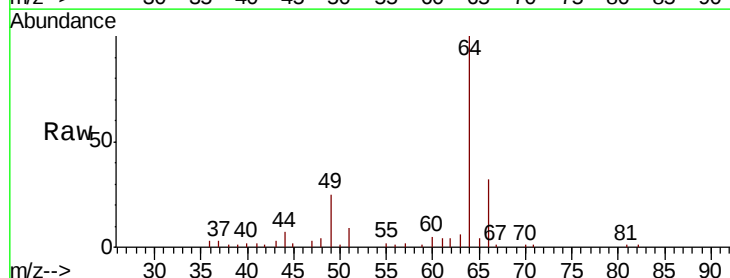
Acq: 17 Jul 2019 14:11

Tgt Ion: 64 Resp: 39659

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

20000

15000

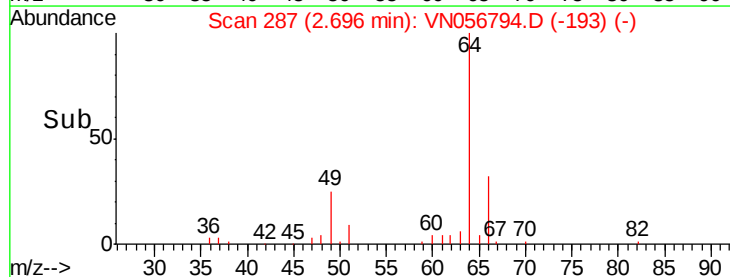
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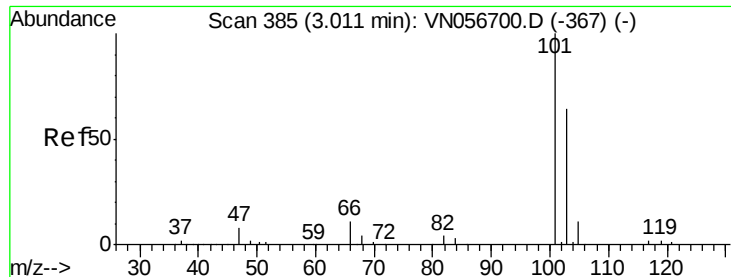
5000

0

Time-->

2.60 2.65 2.70 2.75 2.80



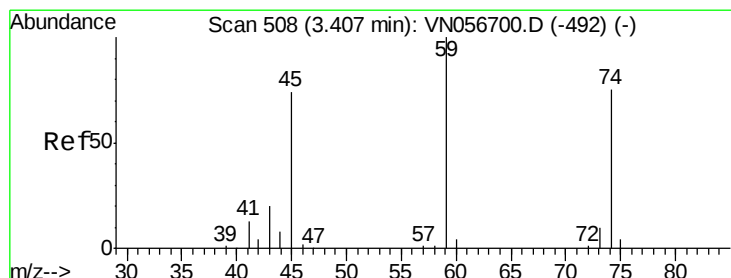
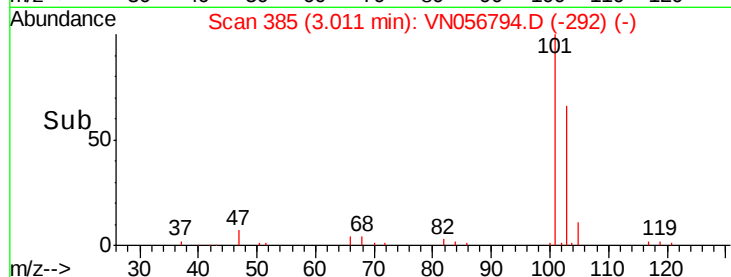
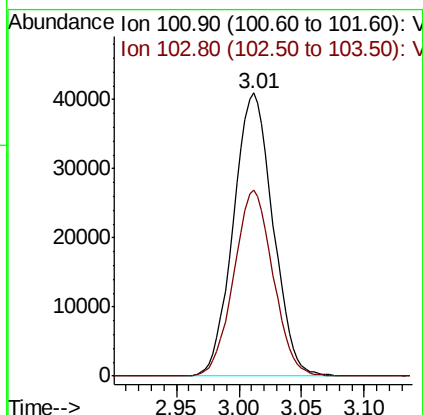
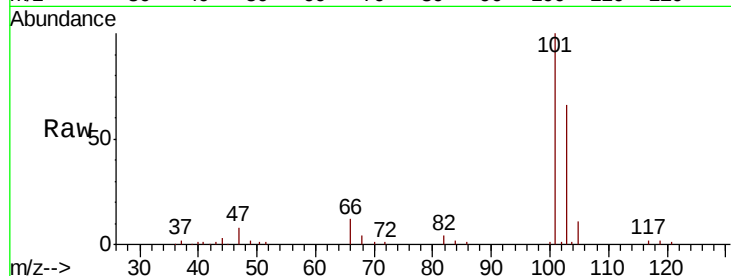


#7

Trichlorofluoromethane  
 Concen: 18.794 ug/l  
 RT: 3.01 min Scan# 385  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

Instrument :  
 MSVOA\_N  
 ClientSampled :

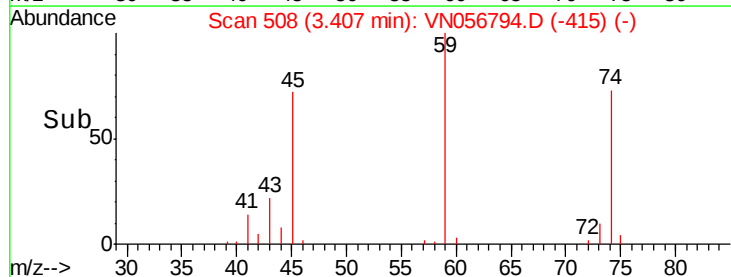
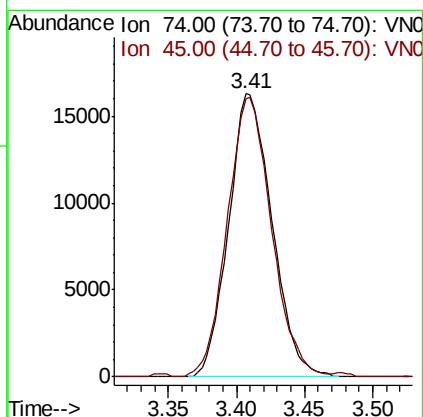
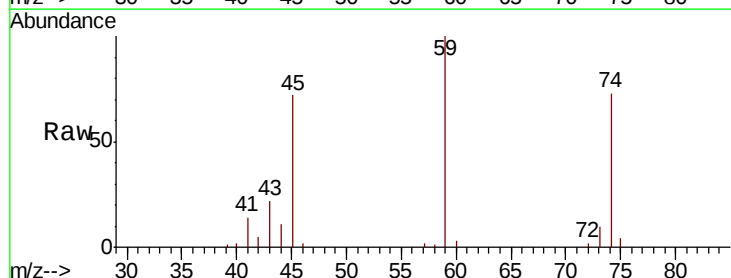
Tot Ion:101 Resp: 89925  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 51.5 77.3

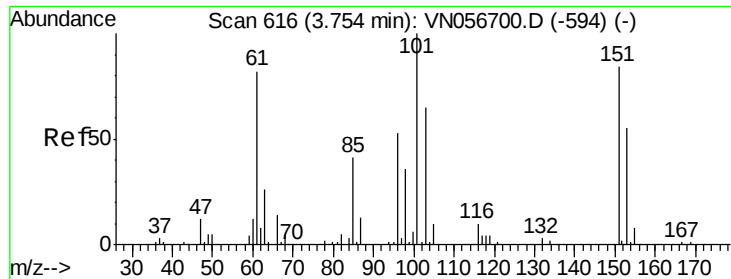


#8

Diethyl Ether  
 Concen: 19.259 ug/l  
 RT: 3.41 min Scan# 508  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

Tgt Ion: 74 Resp: 35926  
 Ion Ratio Lower Upper  
 74 100  
 45 100.9 49.4 148.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.953 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

ClientSampled :

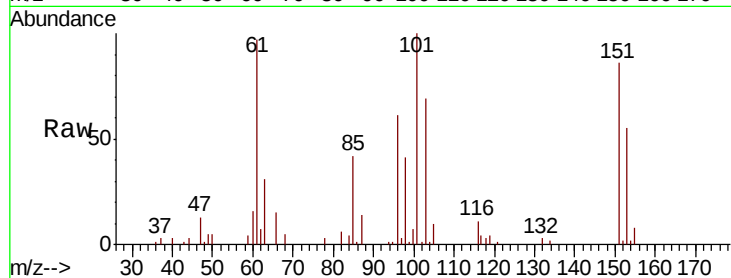
Tot Ion:101 Resp: 54484

Ion Ratio Lower Upper

101 100

85 43.2 33.3 49.9

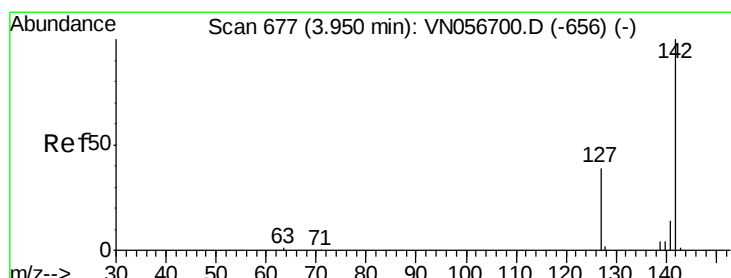
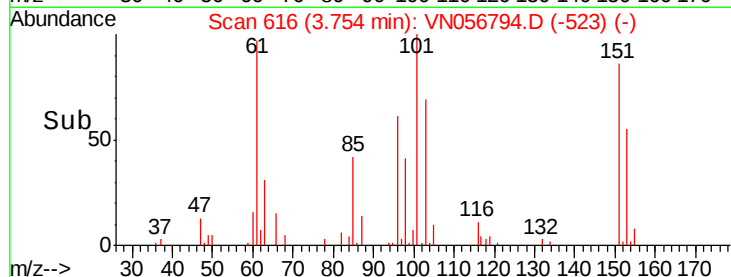
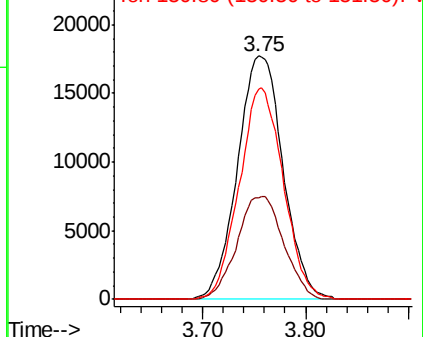
151 83.7 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.560 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

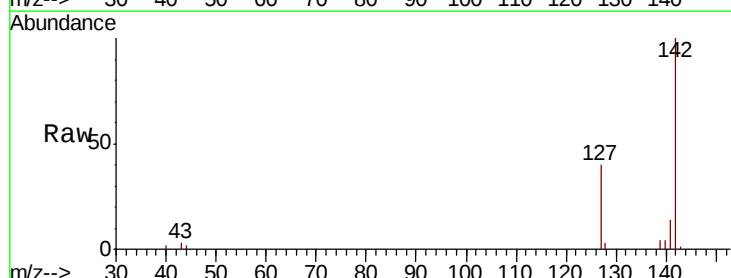
Tgt Ion:142 Resp: 48293

Ion Ratio Lower Upper

142 100

127 40.3 30.7 46.1

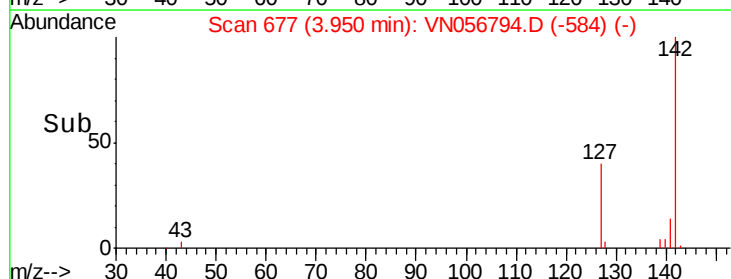
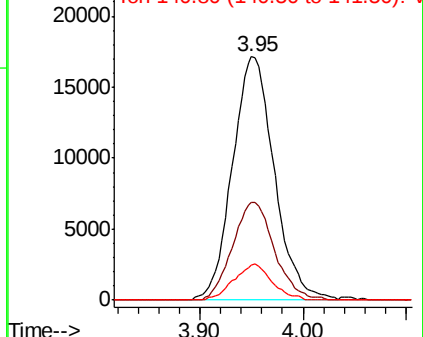
141 13.4 11.3 16.9

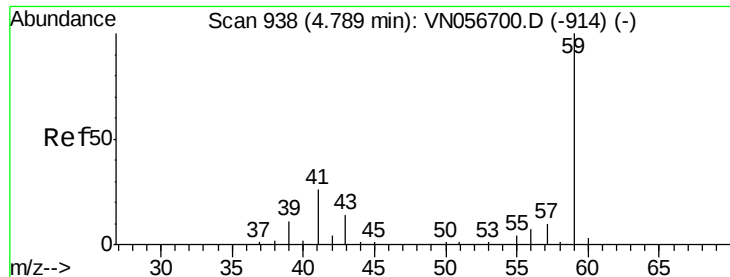


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

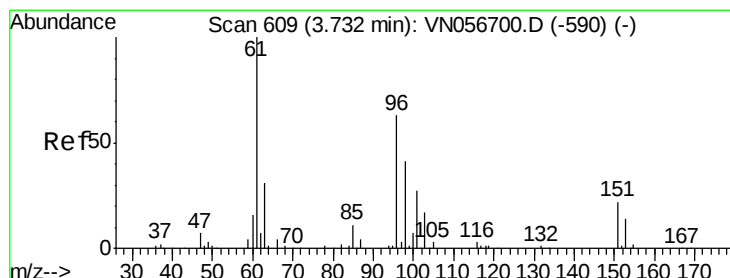
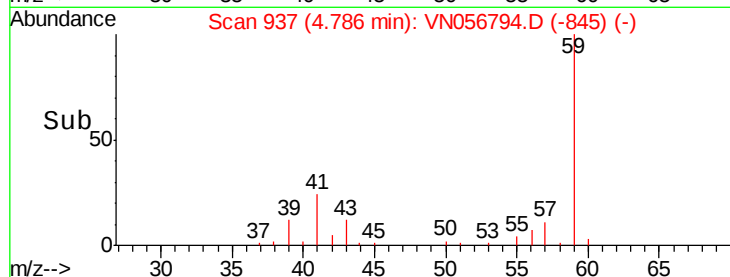
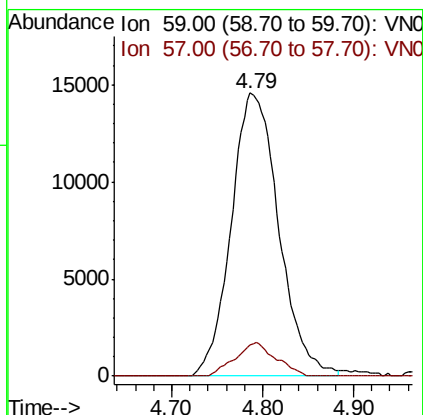
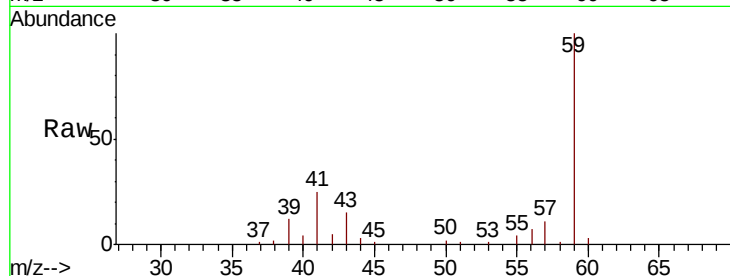




#11  
Tert butyl alcohol  
Concen: 93.580 ug/l  
RT: 4.79 min Scan# 937  
Delta R.T. -0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

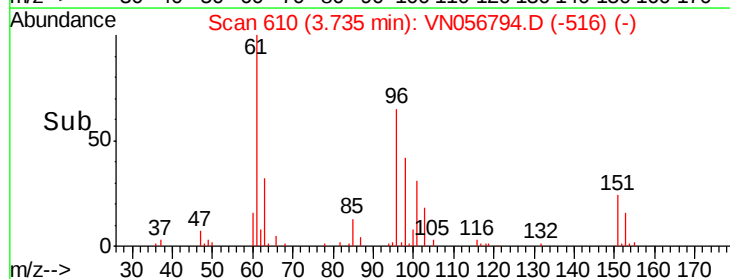
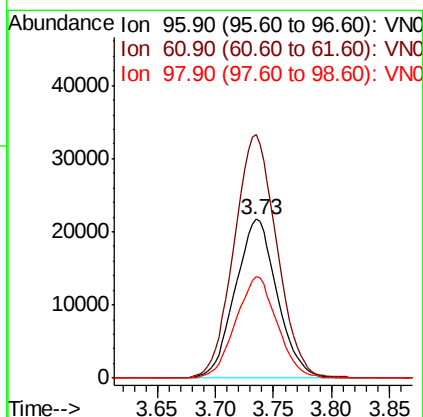
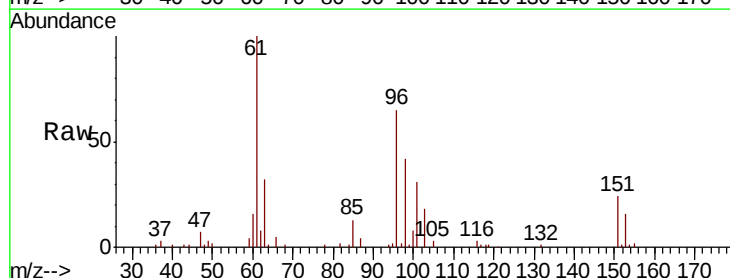
Instrument :  
MSVOA\_N  
ClientSampled :

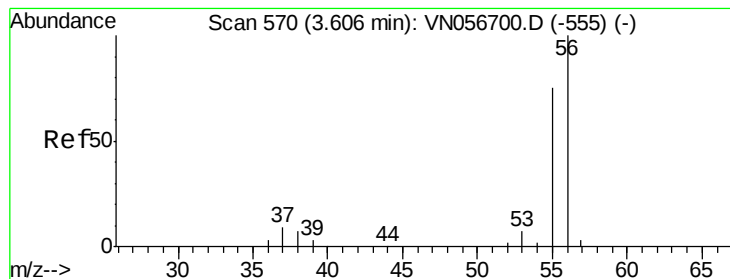
Tot Ion: 59 Resp: 52848  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 18.966 ug/l  
RT: 3.73 min Scan# 610  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Tgt Ion: 96 Resp: 54688  
Ion Ratio Lower Upper  
96 100  
61 153.3 126.6 189.8  
98 64.2 51.4 77.2





#13

Acrolein

Concen: 88.969 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

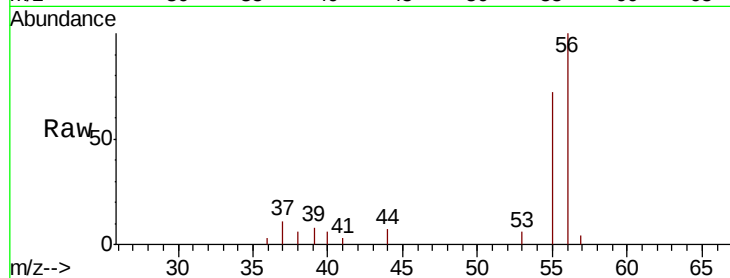
ClientSampleId :

Tot Ion: 56 Resp: 15776

Ion Ratio Lower Upper

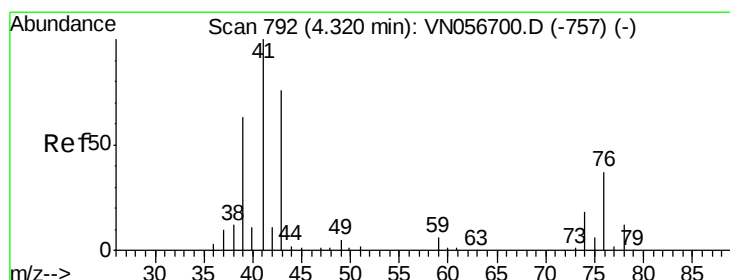
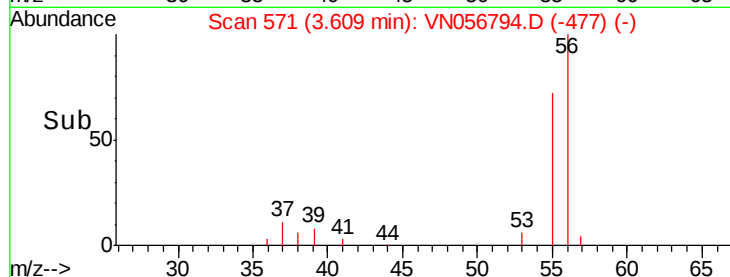
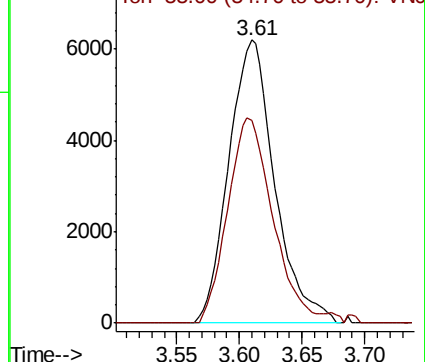
56 100

55 71.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.636 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

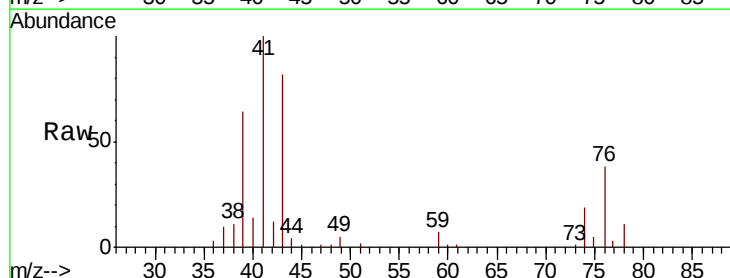
Tgt Ion: 41 Resp: 92926

Ion Ratio Lower Upper

41 100

39 58.9 46.9 70.3

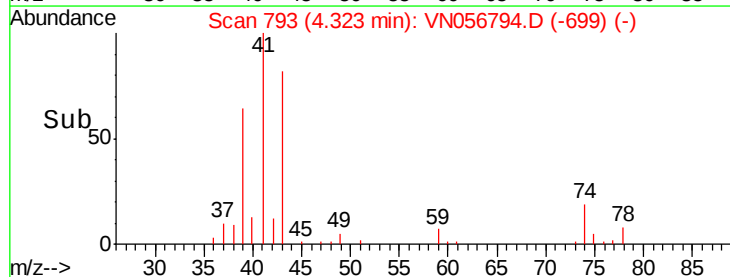
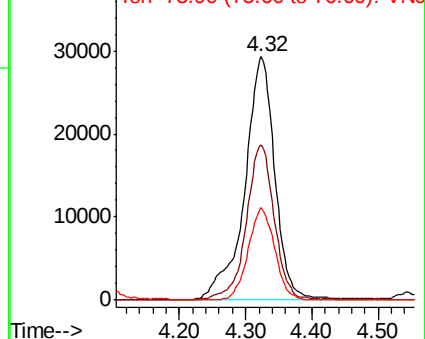
76 33.0 26.5 39.7

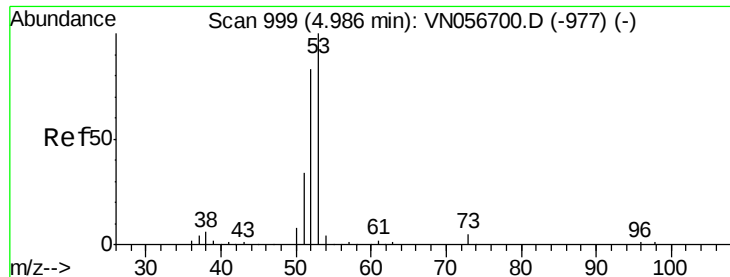


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 99.077 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

ClientSampled :

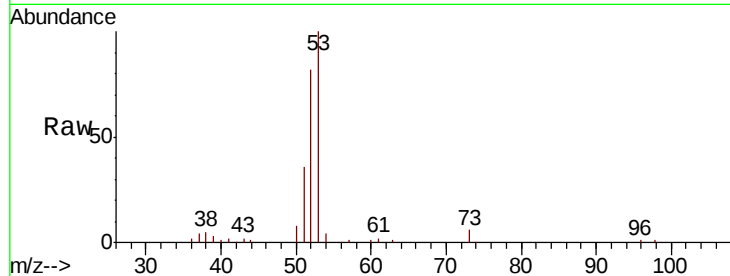
Tot Ion: 53 Resp: 161582

Ion Ratio Lower Upper

53 100

52 82.5 66.6 99.8

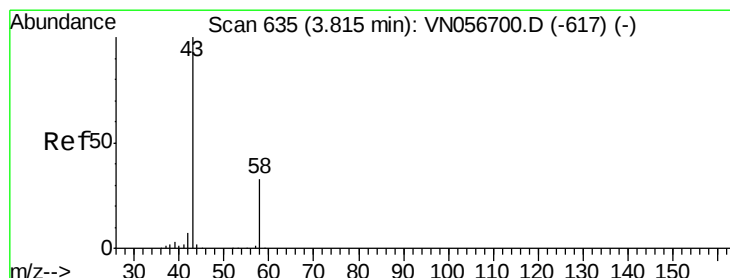
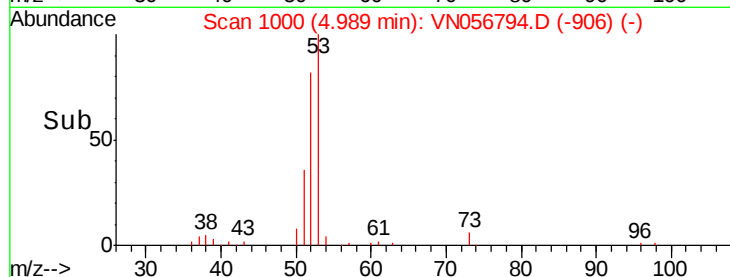
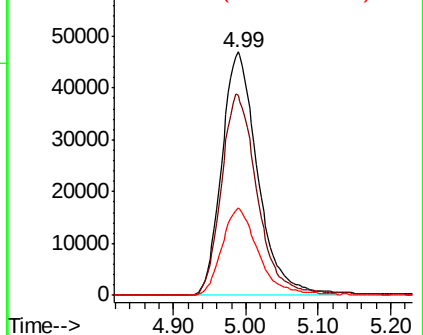
51 36.1 28.4 42.6



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: 81.002 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN056794.D

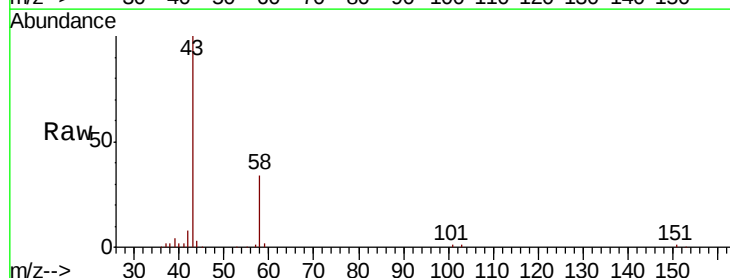
Acq: 17 Jul 2019 14:11

Tgt Ion: 43 Resp: 126646

Ion Ratio Lower Upper

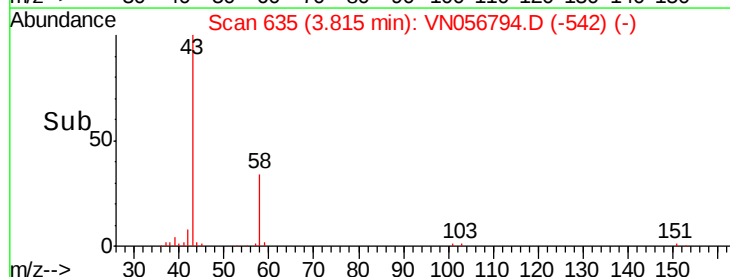
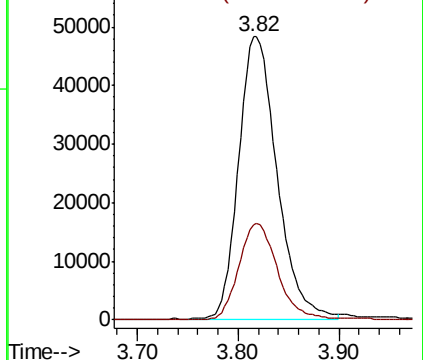
43 100

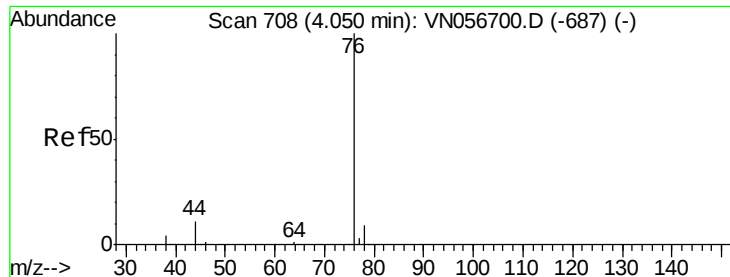
58 33.7 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.266 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

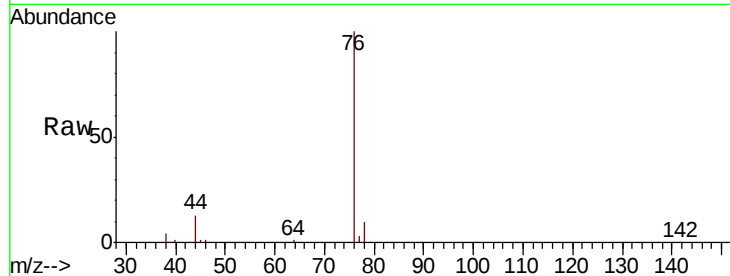
ClientSampled :

Tot Ion: 76 Resp: 131559

Ion Ratio Lower Upper

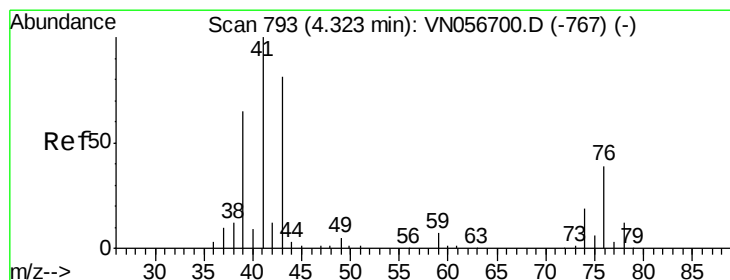
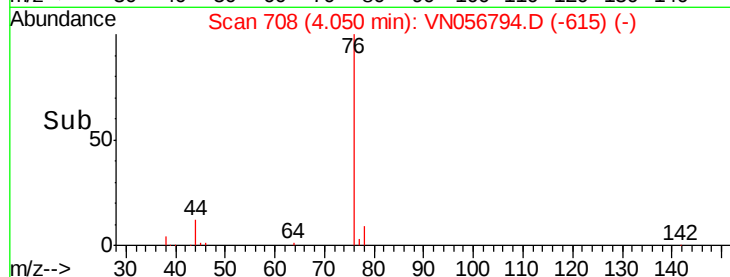
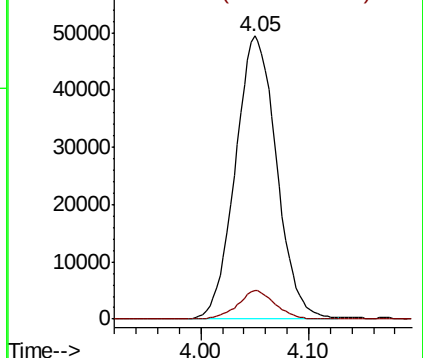
76 100

78 10.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.475 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056794.D

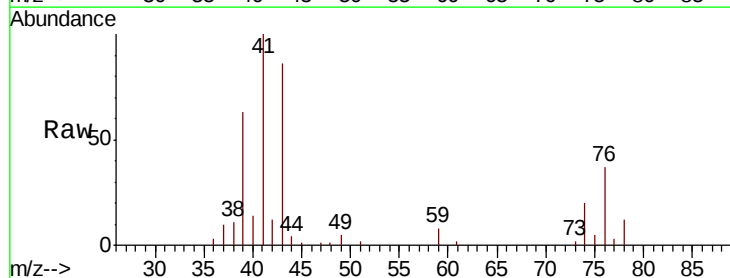
Acq: 17 Jul 2019 14:11

Tgt Ion: 43 Resp: 70474

Ion Ratio Lower Upper

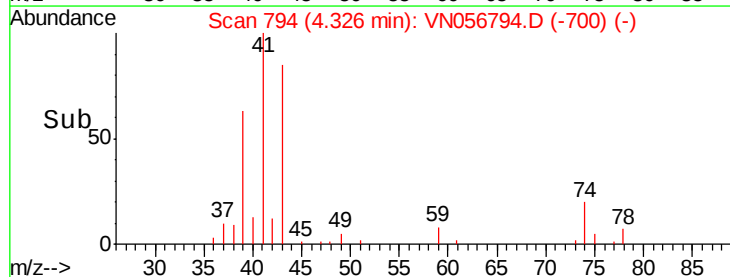
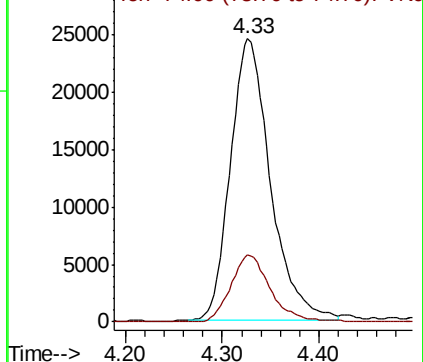
43 100

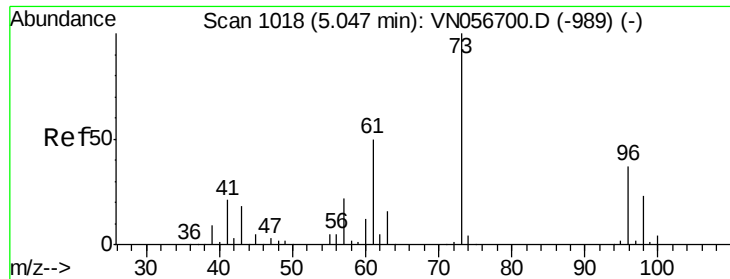
74 23.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

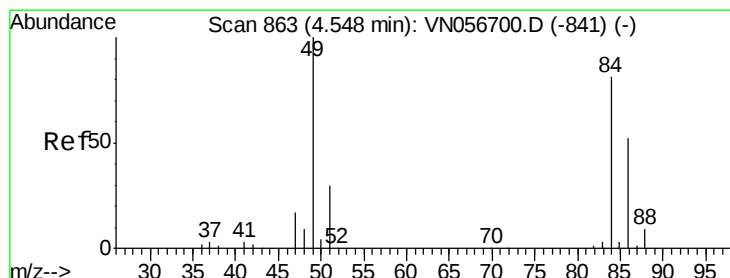
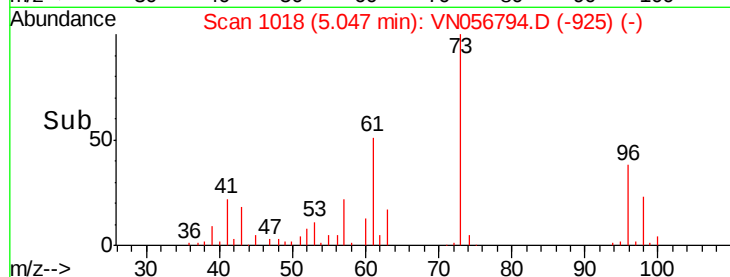
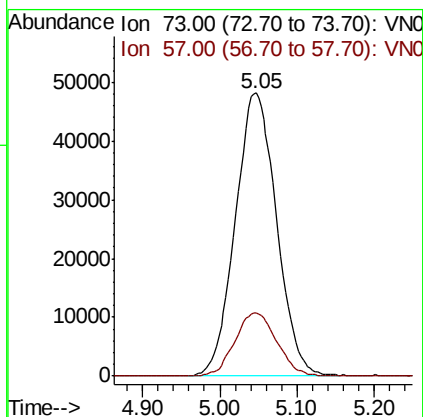
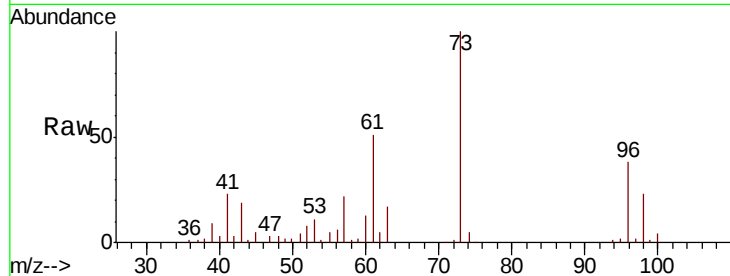




#19  
Methvl tert-butvl Ether  
Concen: 19.425 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

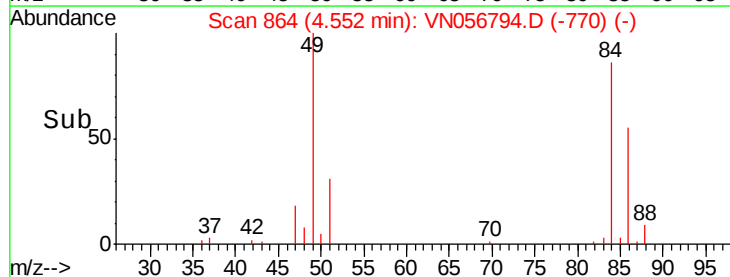
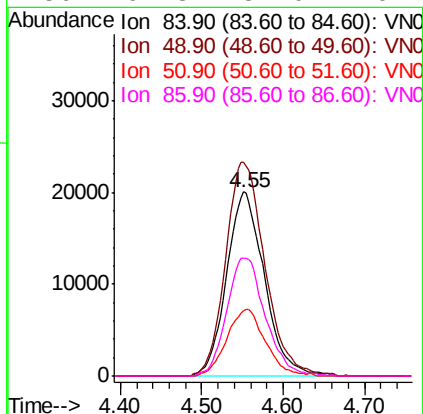
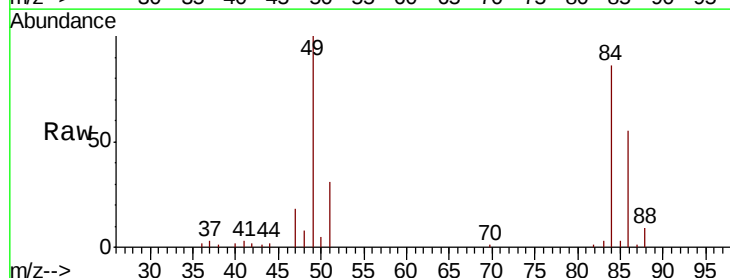
Instrument :  
MSVOA\_N  
ClientSampleId :

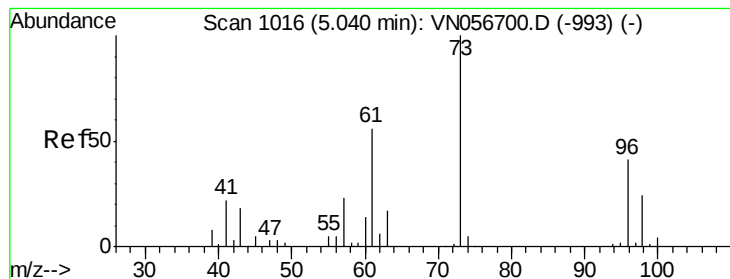
Tot Ion: 73 Resp: 178463  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.9 26.9



#20  
Methylene Chloride  
Concen: 18.982 ug/l  
RT: 4.55 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Tgt Ion: 84 Resp: 64857  
Ion Ratio Lower Upper  
84 100  
49 116.1 98.2 147.4  
51 35.8 29.6 44.4  
86 64.3 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 19.264 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :  
MSVOA\_N  
ClientSampleId :

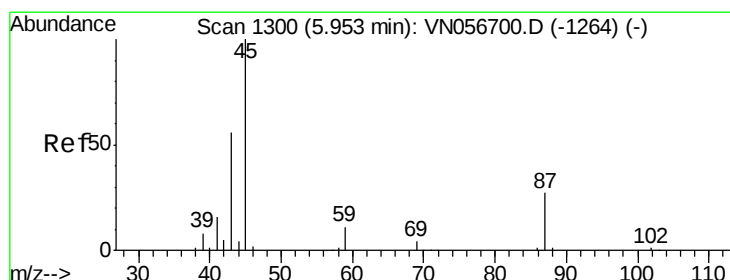
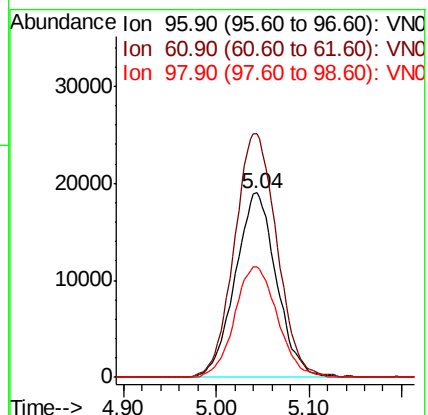
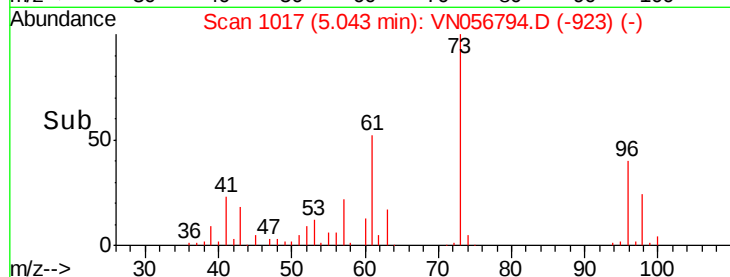
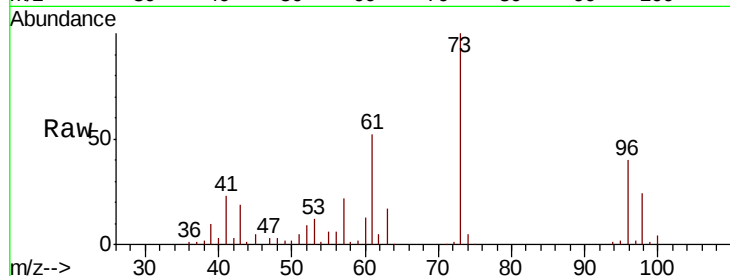
Tot Ion: 96 Resp: 58716

Ion Ratio Lower Upper

96 100

61 131.7 109.4 164.2

98 59.9 48.0 72.0



#22

Diisopropyl ether

Concen: 19.976 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Tgt Ion: 45 Resp: 196617

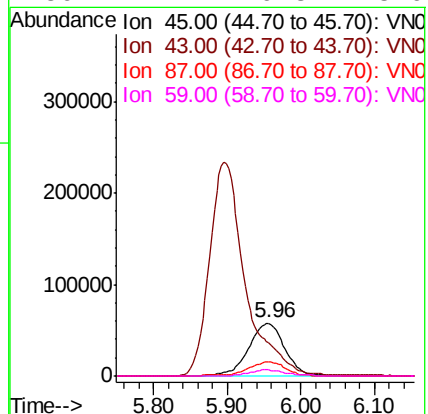
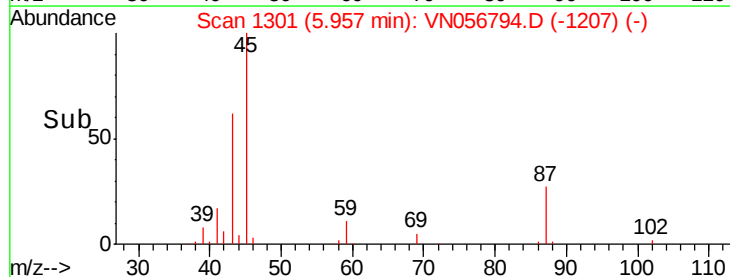
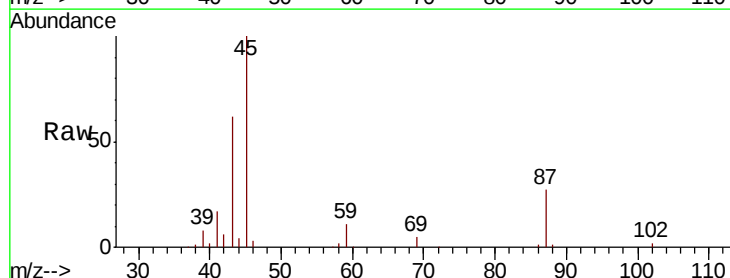
Ion Ratio Lower Upper

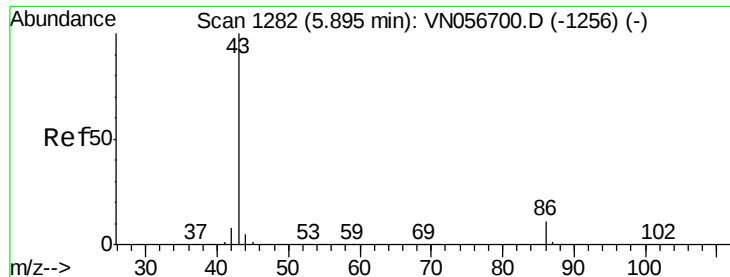
45 100

43 59.9 45.6 68.4

87 27.0 22.0 33.0

59 11.2 9.3 13.9





#23

Vinyl Acetate

Concen: 99.072 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

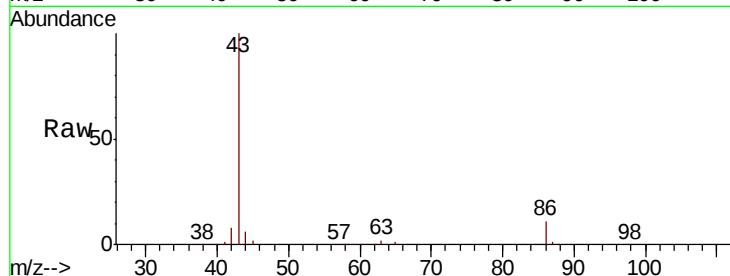
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 790188

Ion Ratio Lower Upper

43 100

86 10.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

250000

200000

150000

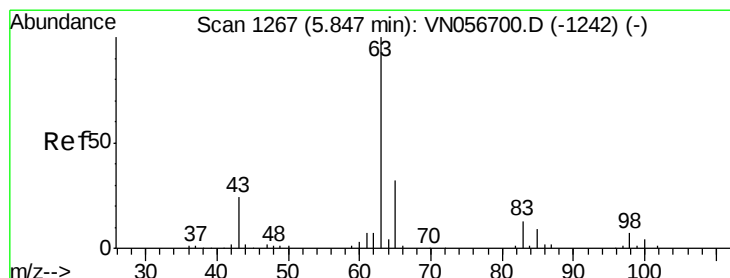
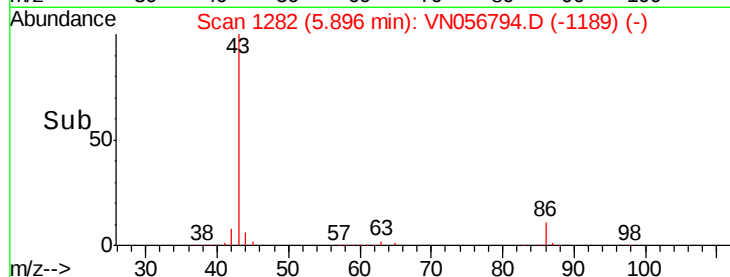
100000

50000

0

Time-->

5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.358 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

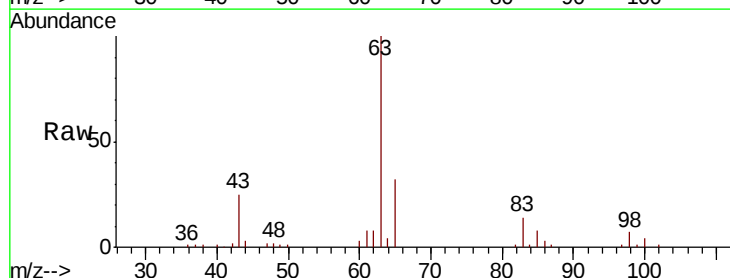
Tgt Ion: 63 Resp: 110466

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

40000

30000

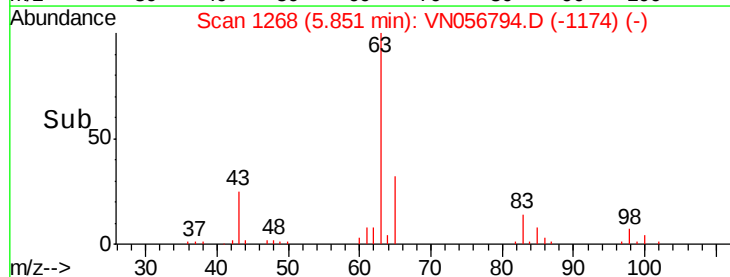
20000

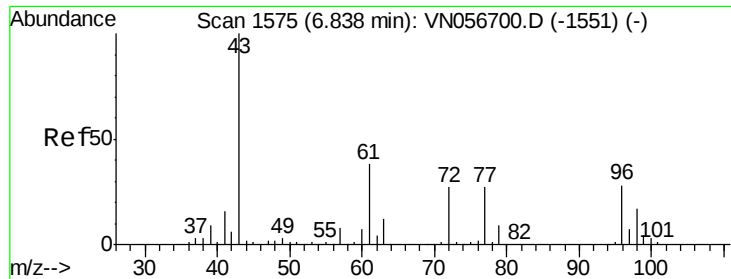
10000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 91.307 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

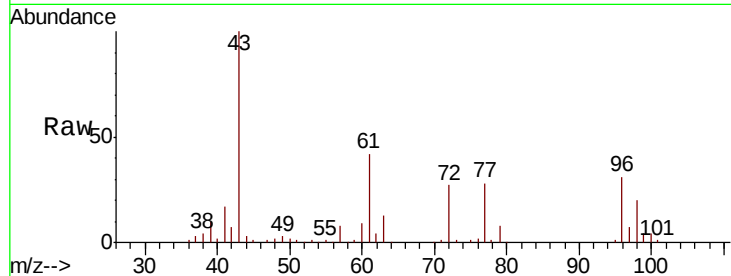
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 208714

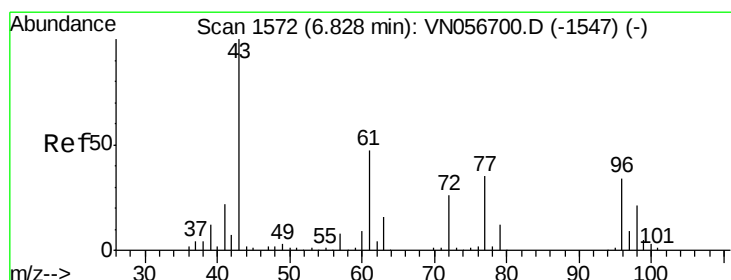
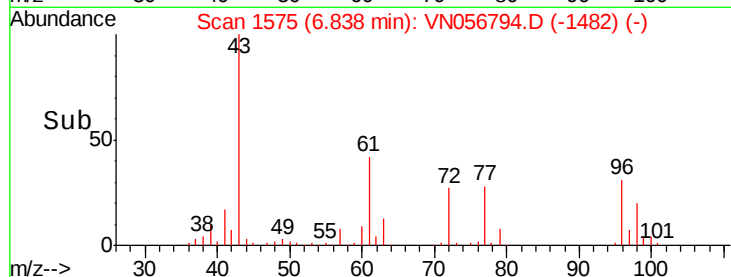
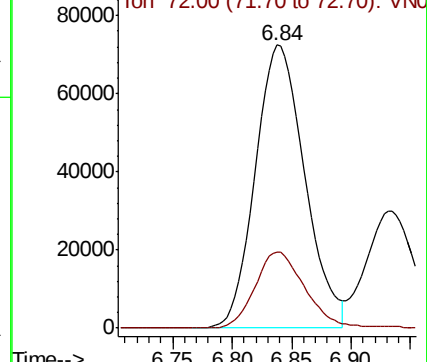
Ion Ratio Lower Upper

43 100

72 27.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN056794.D (-1482) (-)



#26

2,2-Dichloropropane

Concen: 17.803 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056794.D

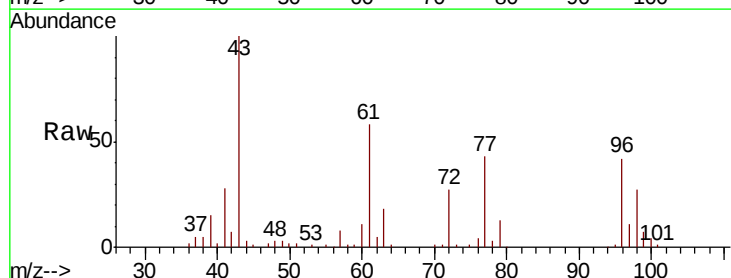
Acq: 17 Jul 2019 14:11

Tgt Ion: 77 Resp: 73253

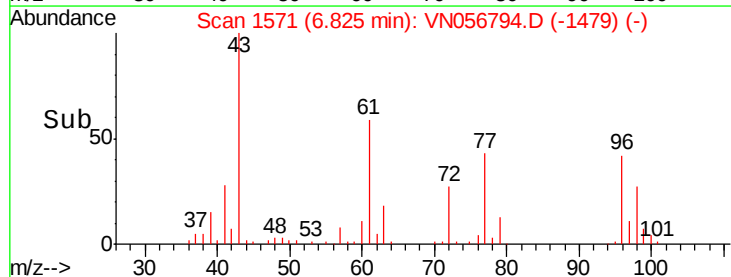
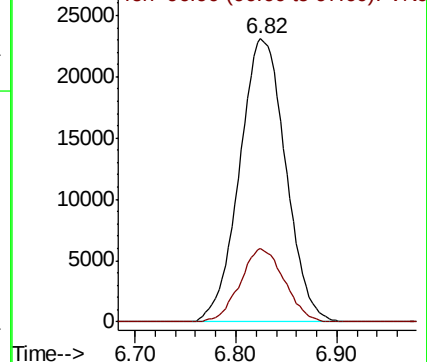
Ion Ratio Lower Upper

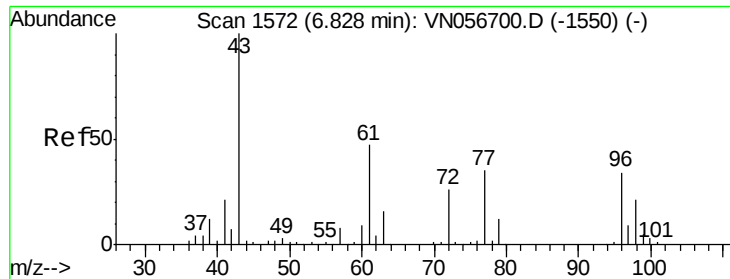
77 100

97 24.8 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN056794.D (-1479) (-)





#27

cis-1,2-Dichloroethene

Concen: 19.688 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

ClientSampled :

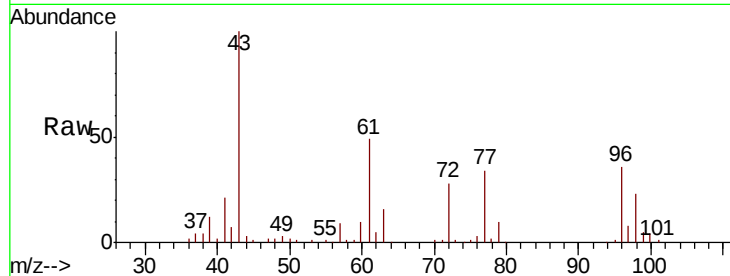
Tot Ion: 96 Resp: 69047

Ion Ratio Lower Upper

96 100

61 137.9 0.0 281.4

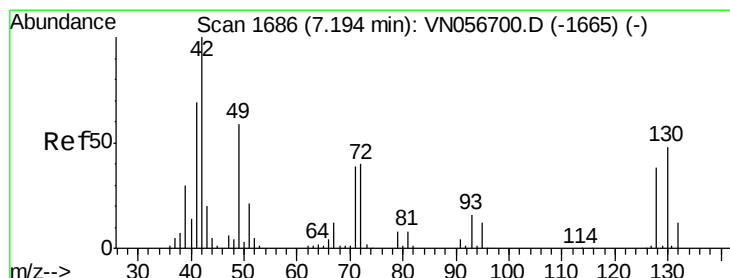
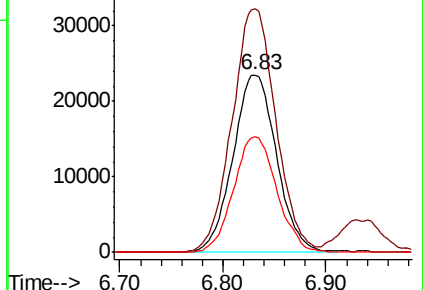
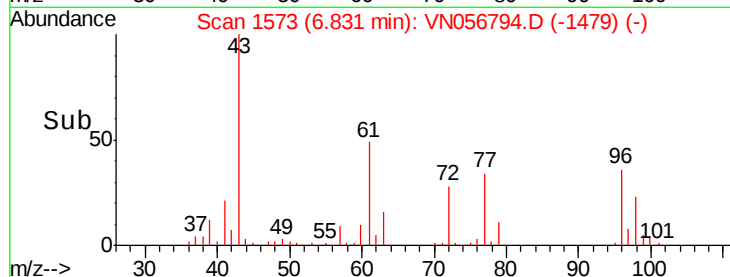
98 64.5 0.0 127.8



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: 20.741 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

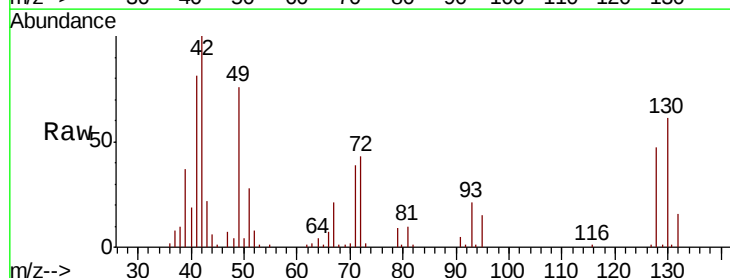
Tgt Ion: 49 Resp: 55649

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

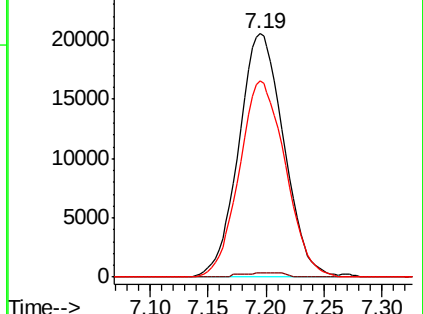
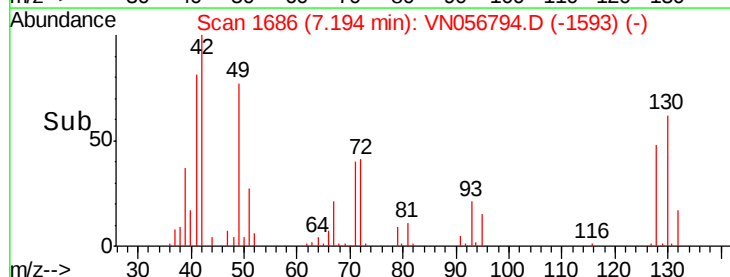
130 82.4 64.7 97.1

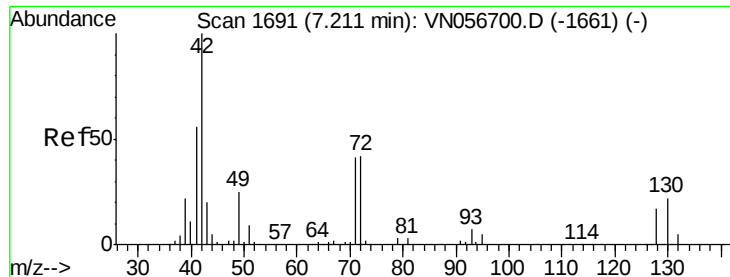


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

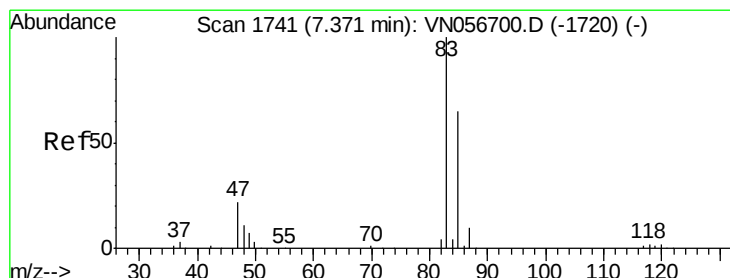
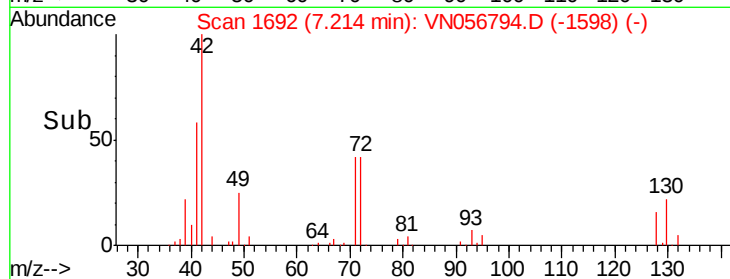
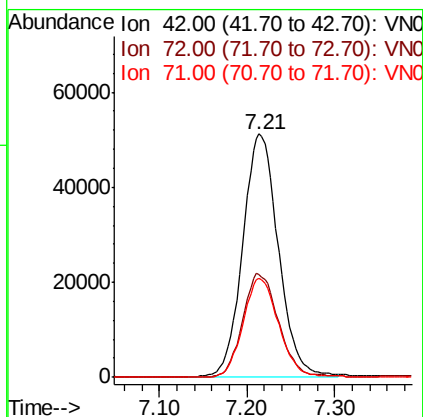
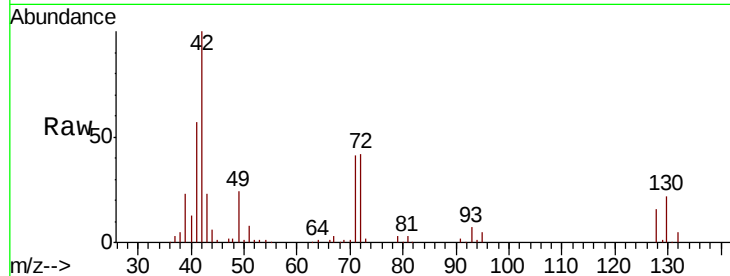




#29  
Tetrahydrofuran  
Concen: 97.533 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

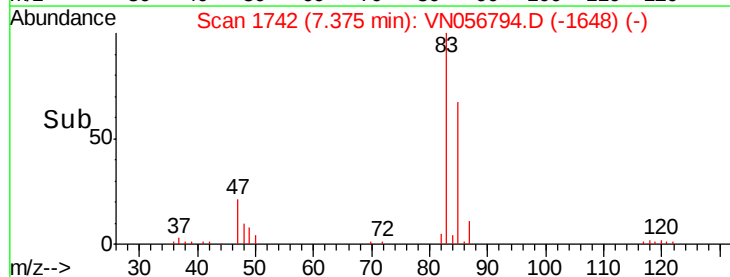
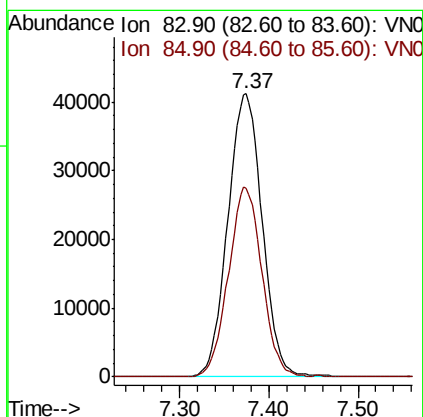
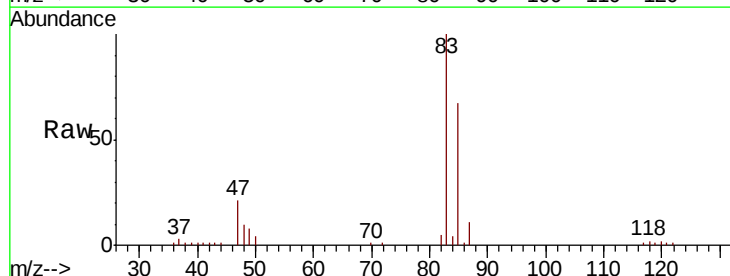
Instrument :  
MSVOA\_N  
ClientSampleId :

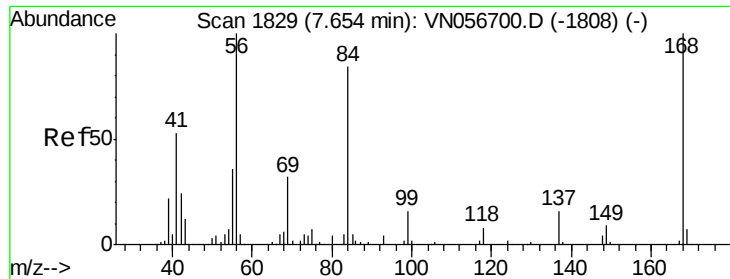
Tot Ion: 42 Resp: 145411  
Ion Ratio Lower Upper  
42 100  
72 42.4 33.5 50.3  
71 40.7 31.8 47.8



#30  
Chloroform  
Concen: 19.270 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Tgt Ion: 83 Resp: 110039  
Ion Ratio Lower Upper  
83 100  
85 66.7 51.9 77.9

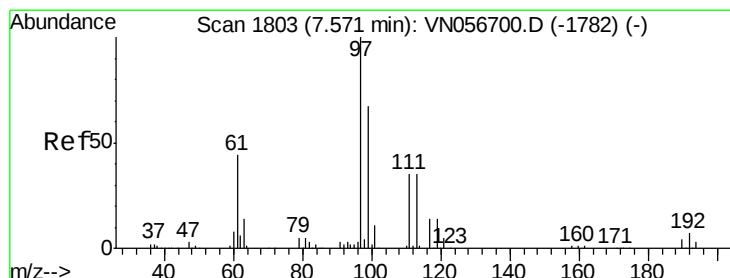
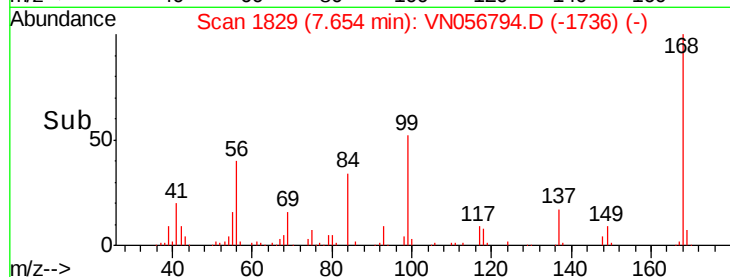
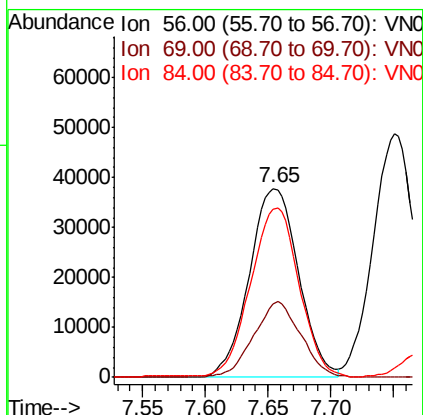
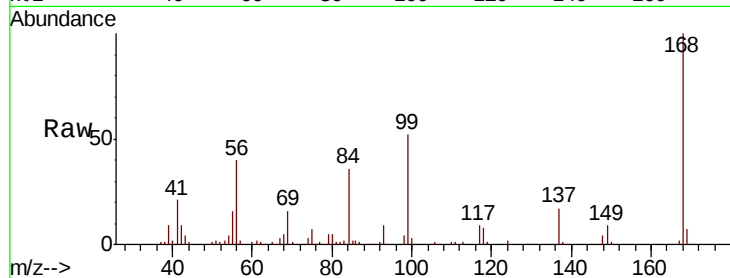




#31  
Cyclohexane  
Concen: 19.087 ug/l  
RT: 7.65 min Scan# 1829  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

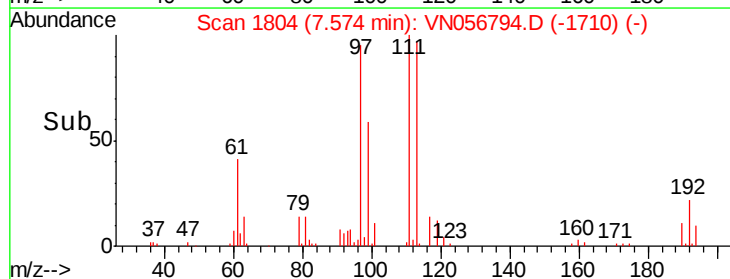
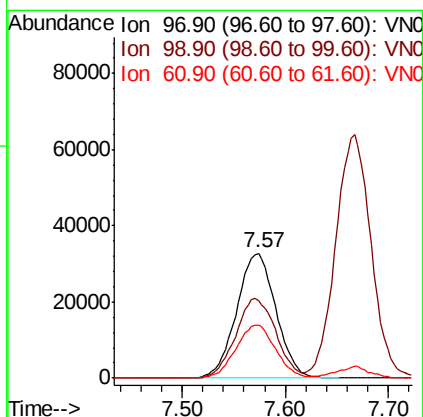
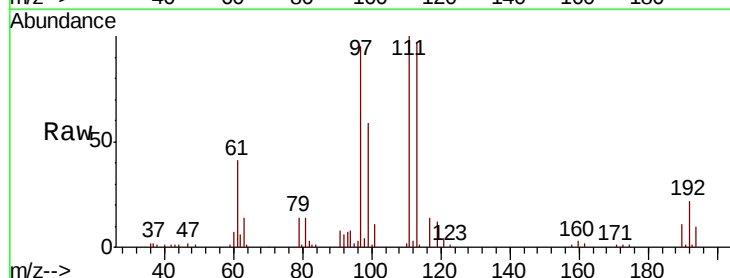
Instrument :  
MSVOA\_N  
ClientSampleId :

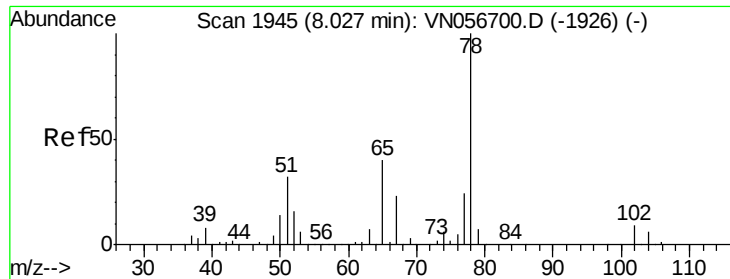
Tot Ion: 56 Resp: 103526  
Ion Ratio Lower Upper  
56 100  
69 39.0 25.8 38.8#  
84 88.0 67.4 101.0



#32  
1,1,1-Trichloroethane  
Concen: 19.254 ug/l  
RT: 7.57 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Tgt Ion: 97 Resp: 86952  
Ion Ratio Lower Upper  
97 100  
99 65.3 52.0 78.0  
61 42.8 34.3 51.5

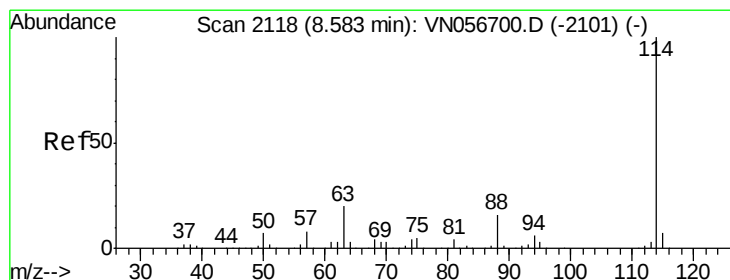
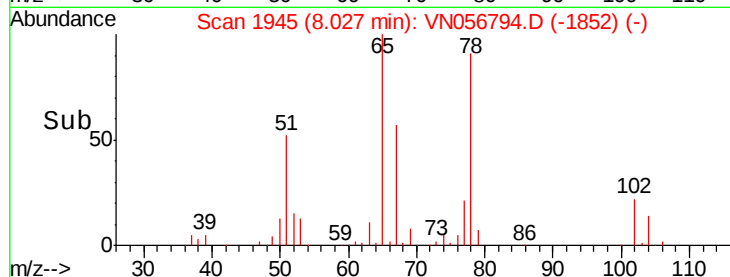
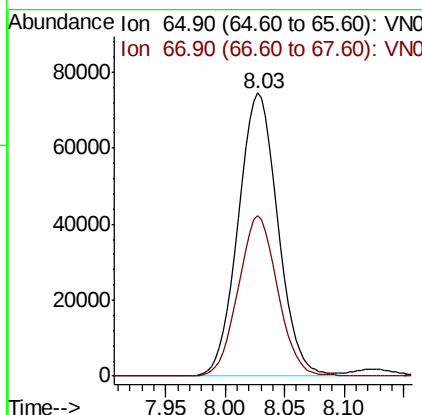
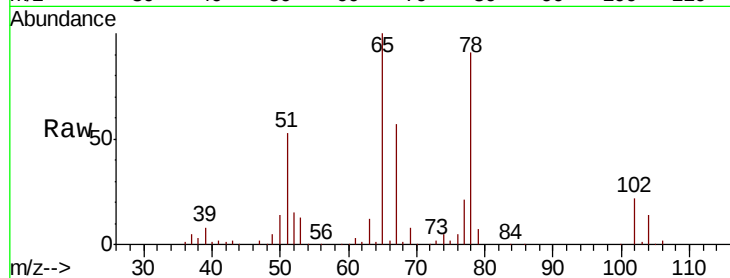




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.832 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

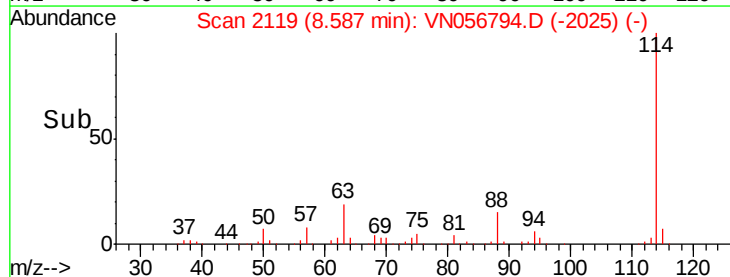
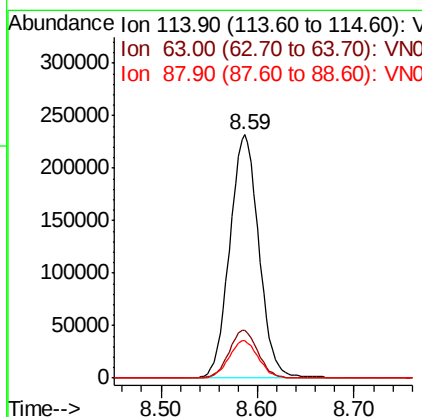
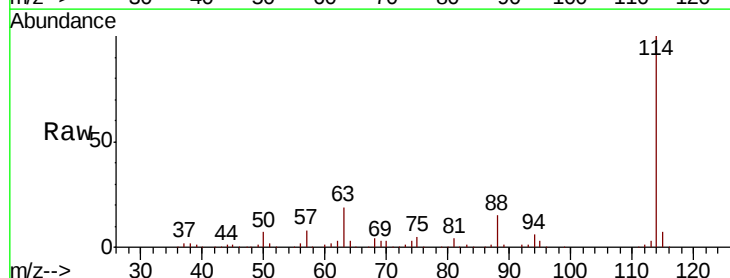
Instrument :  
 MSVOA\_N  
 ClientSampled :

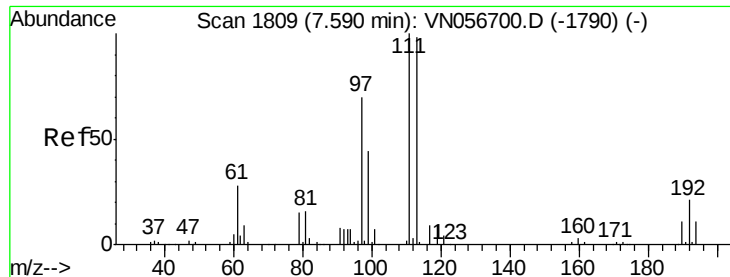
Tot Ion: 65 Resp: 172463  
 Ion Ratio Lower Upper  
 65 100  
 67 56.0 0.0 109.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

Tgt Ion: 114 Resp: 486860  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 39.4  
 88 15.3 0.0 31.2

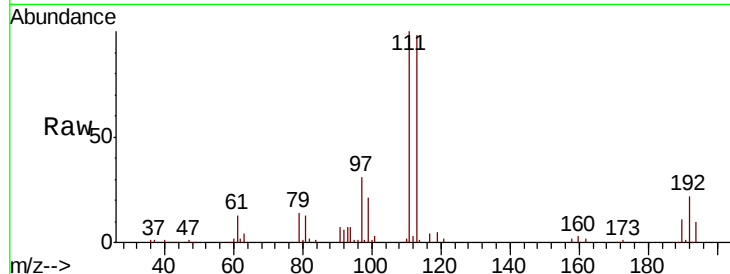




#35  
 Dibromofluoromethane  
 Concen: 49.836 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.5 | 81.8  | 122.6 |
| 192     | 22.6  | 17.5  | 26.3  |

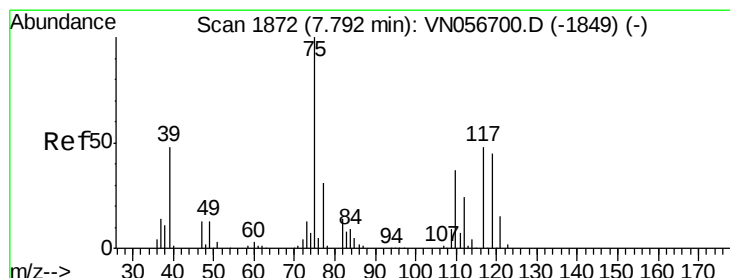
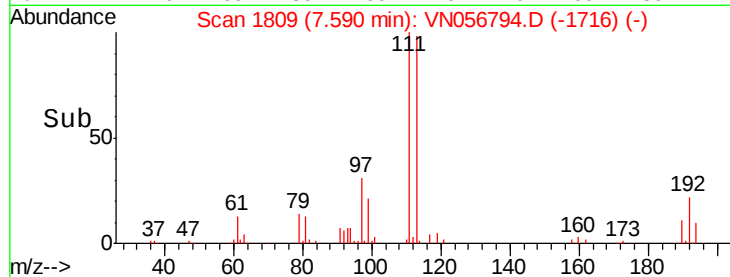
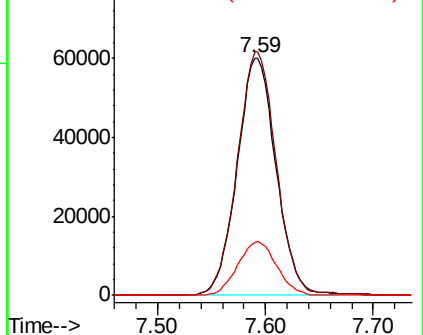


Abundance

Ion 112.80 (112.50 to 113.50): V

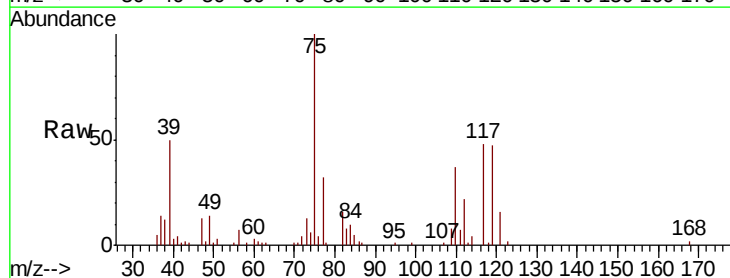
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36  
 1,1-Dichloropropene  
 Concen: 17.856 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.8  | 18.4  | 55.4  |
| 77      | 31.6  | 24.6  | 36.8  |

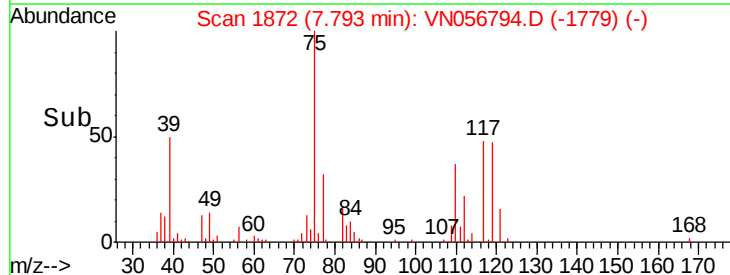
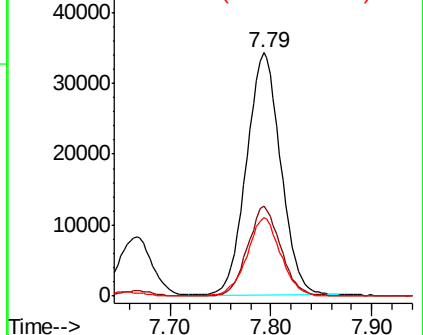


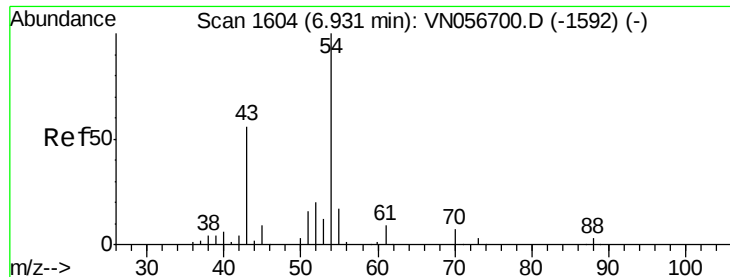
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

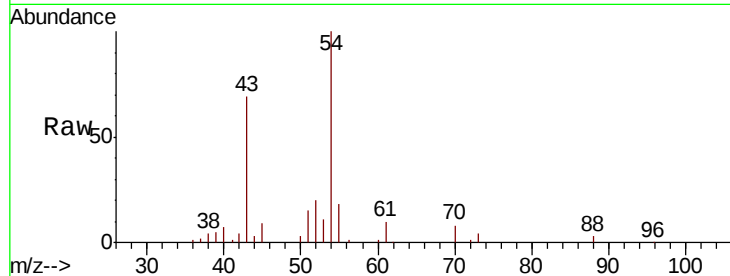




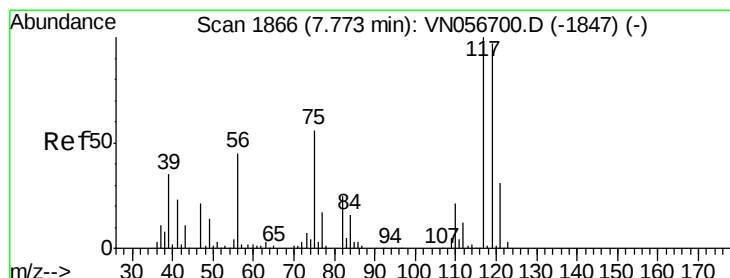
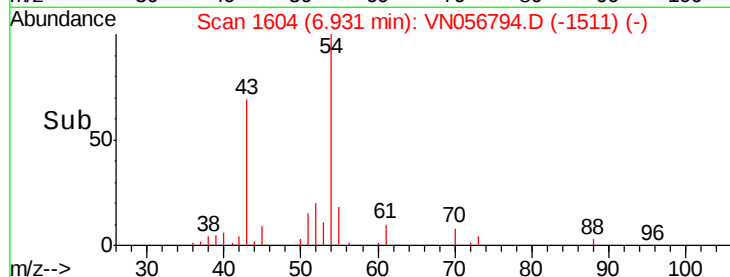
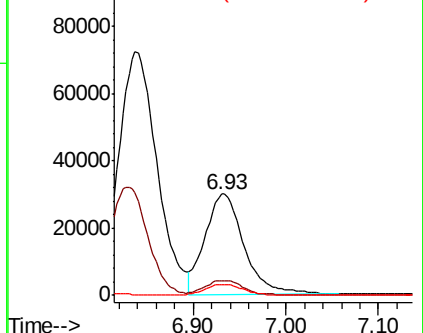
#37  
Ethyl Acetate  
Concen: 19.563 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 86866  
Ion Ratio Lower Upper  
43 100  
61 15.1 11.3 16.9  
70 10.6 8.5 12.7

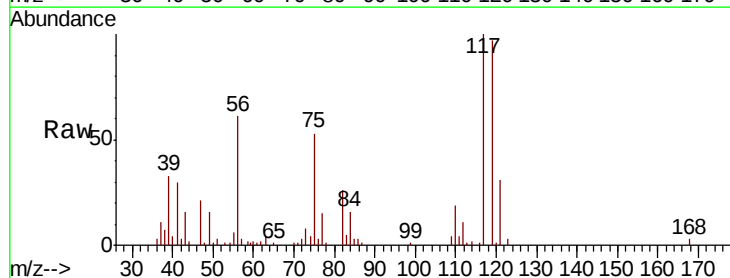


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

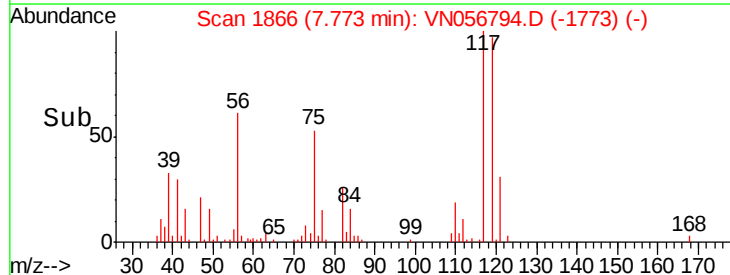
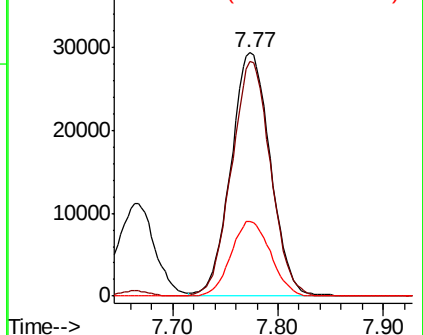


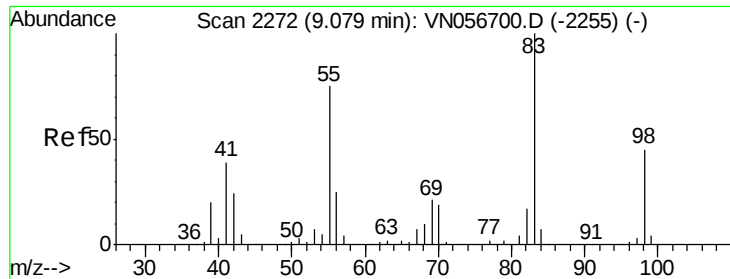
#38  
Carbon Tetrachloride  
Concen: 18.073 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Tgt Ion: 117 Resp: 76360  
Ion Ratio Lower Upper  
117 100  
119 96.6 77.5 116.3  
121 30.9 24.7 37.1



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

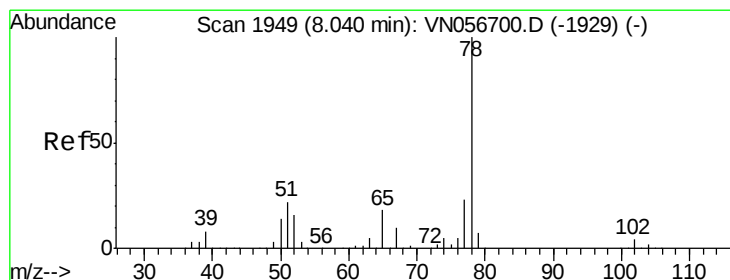
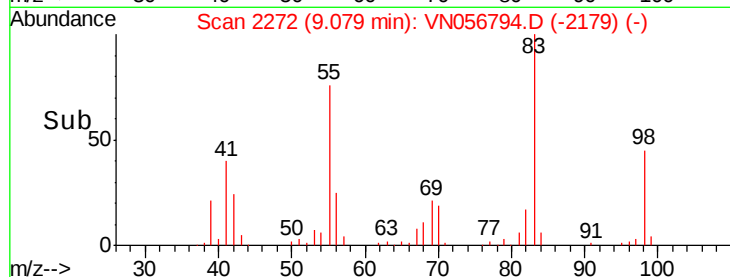
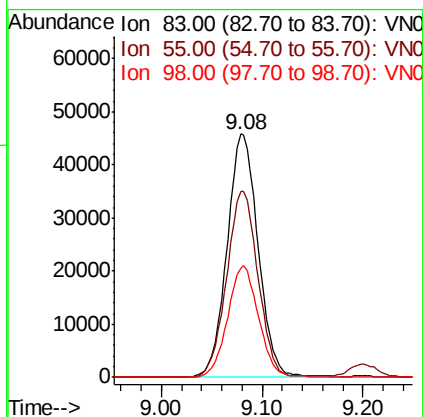
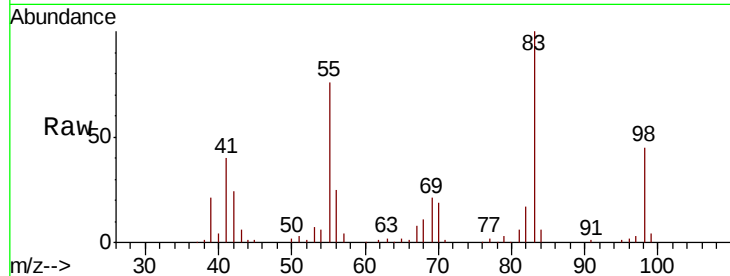




#39  
Methvlcvclohexane  
Concen: 17.684 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

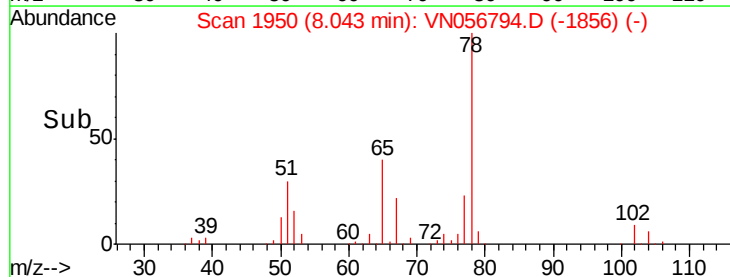
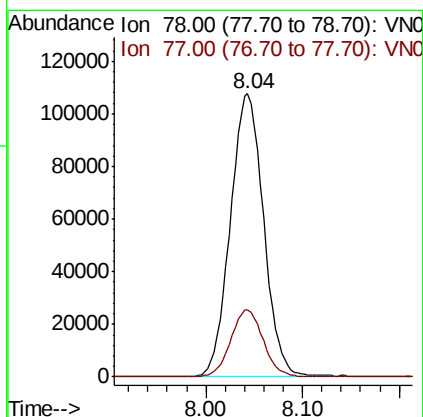
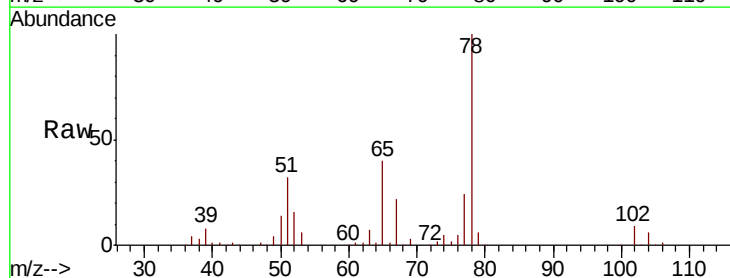
Instrument :  
MSVOA\_N  
ClientSampled :

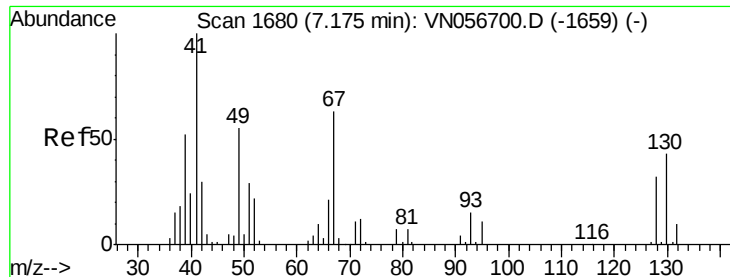
Tot Ion: 83 Resp: 98375  
Ion Ratio Lower Upper  
83 100  
55 76.2 60.4 90.6  
98 44.7 35.8 53.8



#40  
Benzene  
Concen: 18.666 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Tgt Ion: 78 Resp: 257675  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.6 27.8

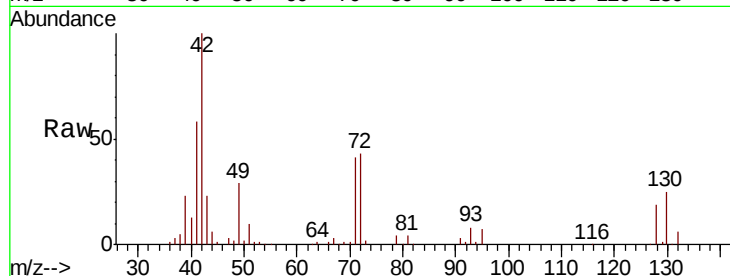




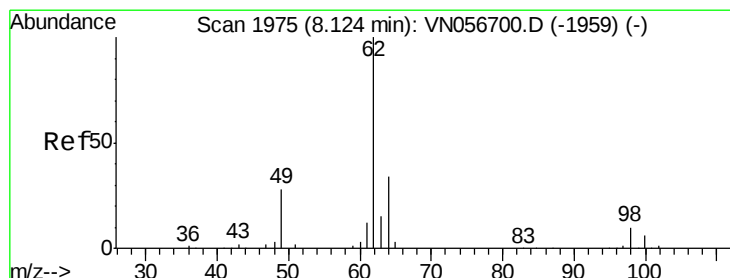
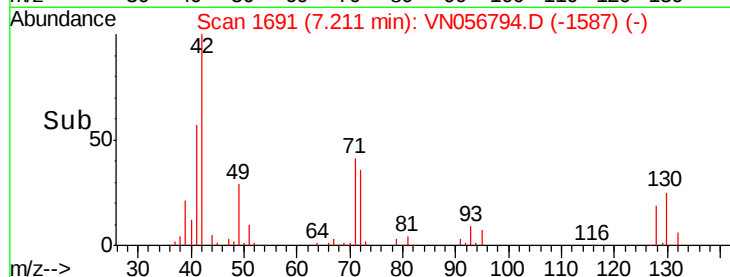
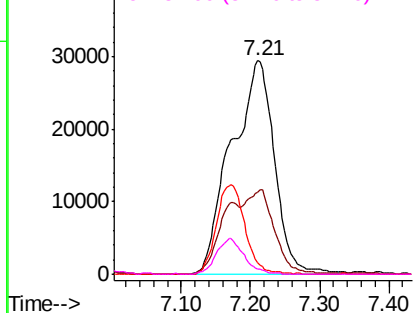
#41  
Methacrylonitrile  
Concen: 64.828 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. 0.04 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Instrument :  
MSVOA\_N  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 126443 |
| 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    |

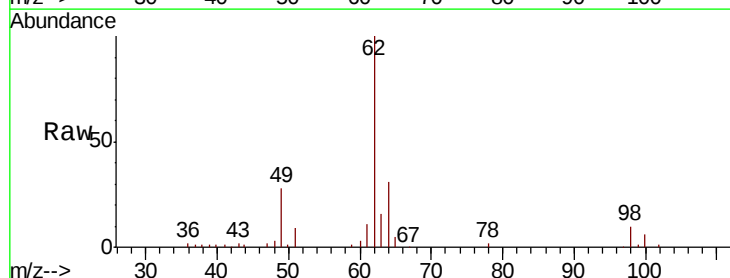


Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 67.00 (66.70 to 67.70): VNO  
Ion 52.00 (51.70 to 52.70): VNO

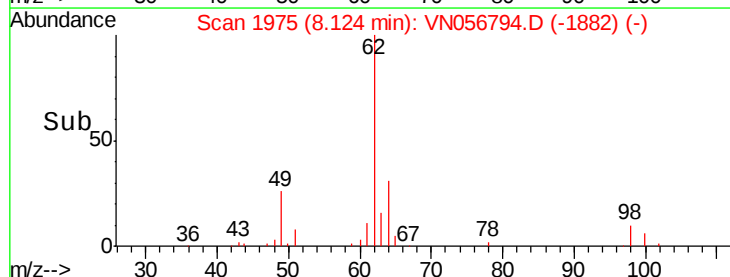
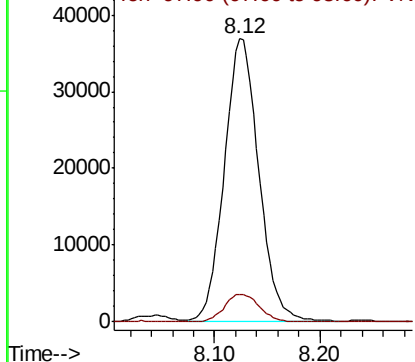


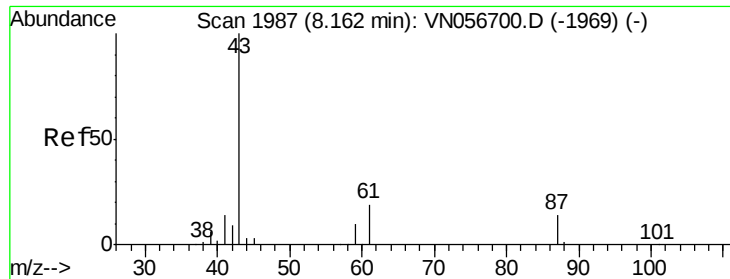
#42  
1,2-Dichloroethane  
Concen: 19.207 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 83797 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.8   | 0.0   | 19.8  |



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





#43

Isopropyl Acetate

Concen: 18.802 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

ClientSampleId :

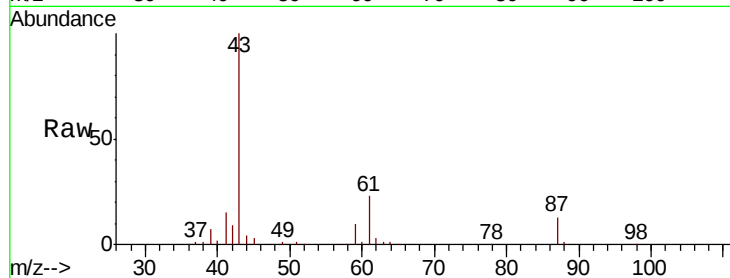
Tot Ion: 43 Resp: 131248

Ion Ratio Lower Upper

43 100

61 28.6 22.3 33.5

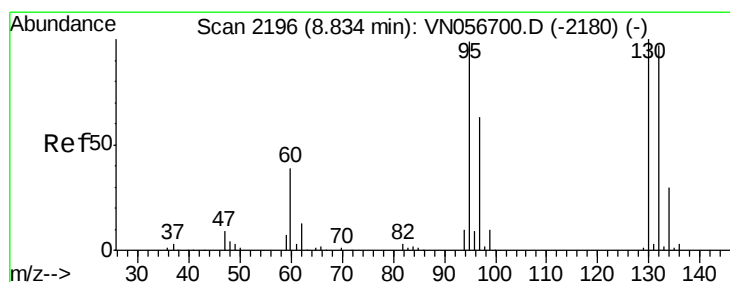
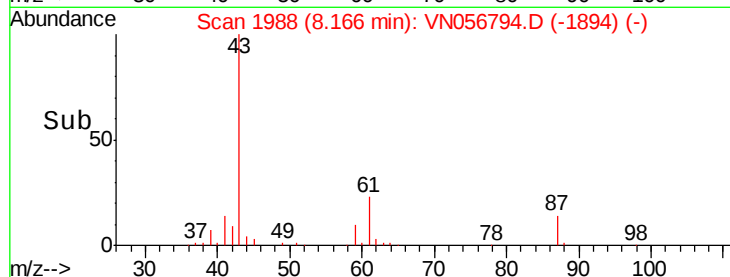
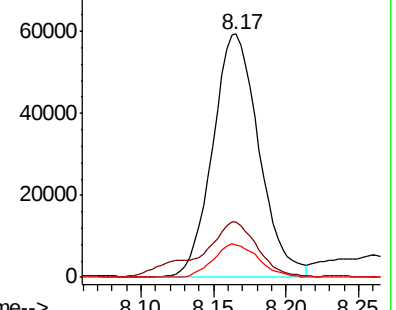
87 13.5 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN056700.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN056700.D (-1969) (-)



#44

Trichloroethene

Concen: 18.315 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056794.D

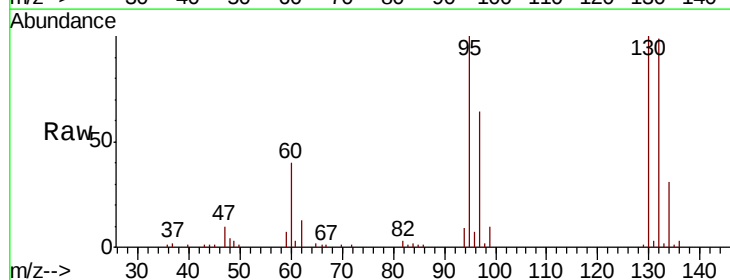
Acq: 17 Jul 2019 14:11

Tgt Ion:130 Resp: 68656

Ion Ratio Lower Upper

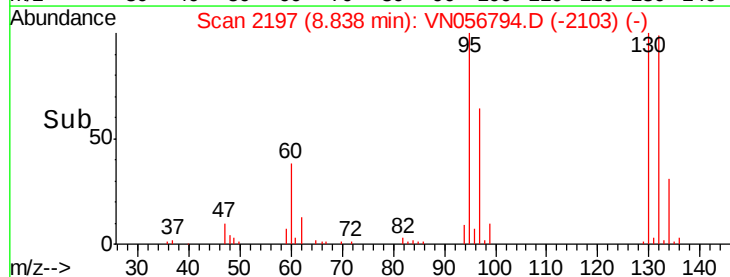
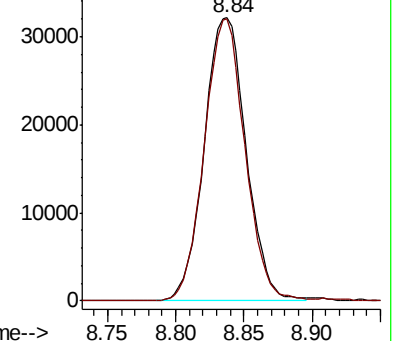
130 100

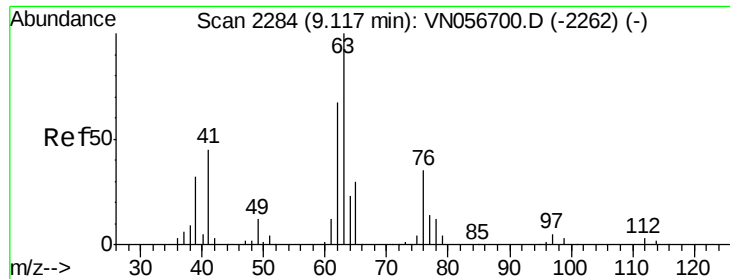
95 99.8 0.0 197.2



Abundance Ion 129.80 (129.50 to 130.50): VN056700.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN056700.D (-2180) (-)

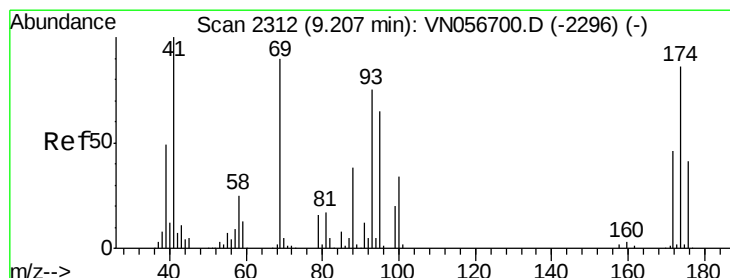
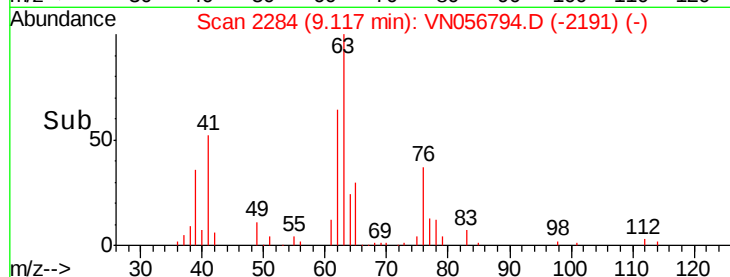
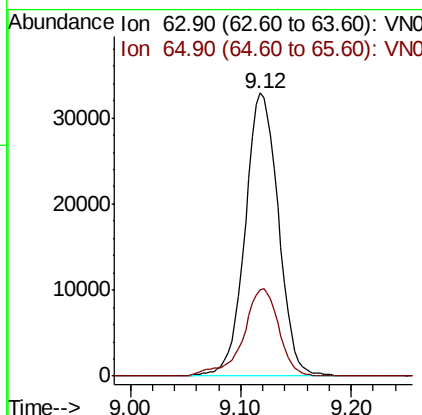
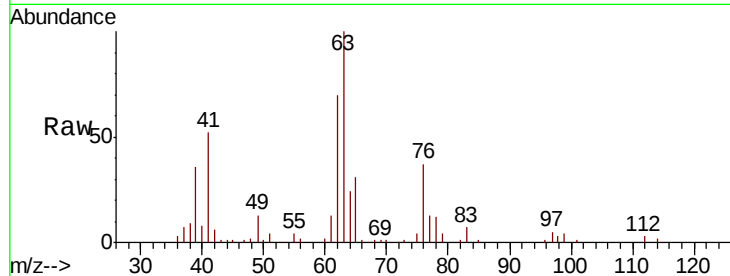




#45  
 1,2-Dichloropropane  
 Concen: 18.730 ug/l  
 RT: 9.12 min Scan# 2284  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

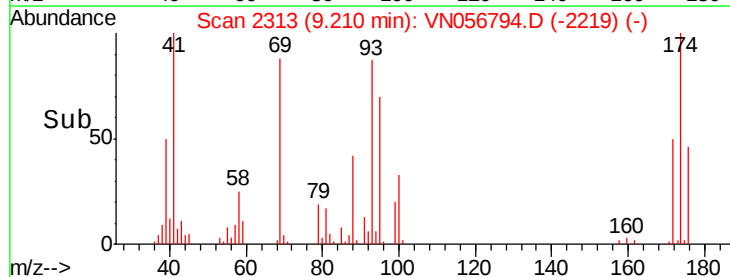
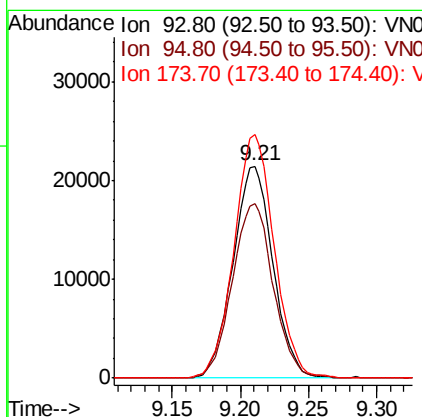
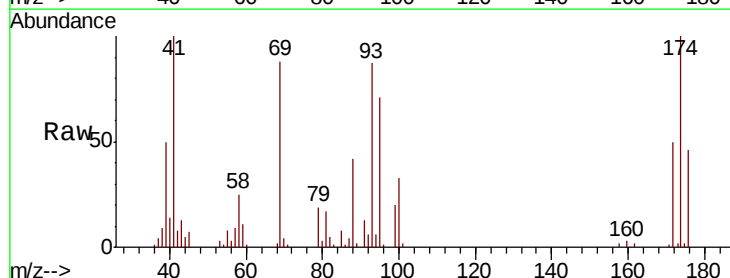
Instrument :  
 MSVOA\_N  
 ClientSampled :

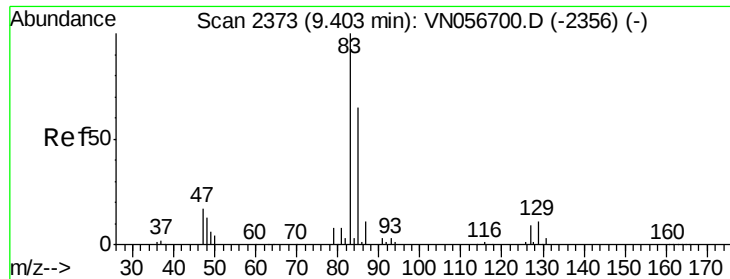
Tot Ion: 63 Resp: 68701  
 Ion Ratio Lower Upper  
 63 100  
 65 30.5 24.0 36.0



#46  
 Dibromomethane  
 Concen: 19.204 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

Tgt Ion: 93 Resp: 43651  
 Ion Ratio Lower Upper  
 93 100  
 95 84.4 67.4 101.0  
 174 115.6 90.3 135.5





#47

Bromodichloromethane

Concen: 18.683 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :  
MSVOA\_N  
ClientSampleId :

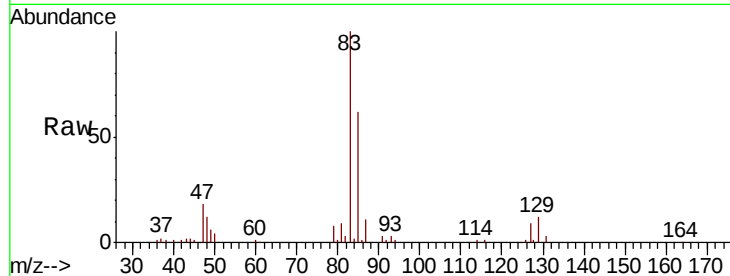
Tot Ion: 83 Resp: 80699

Ion Ratio Lower Upper

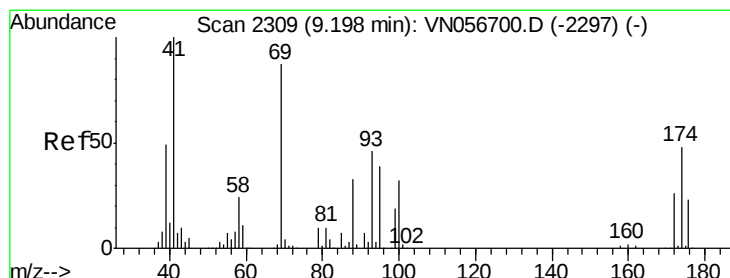
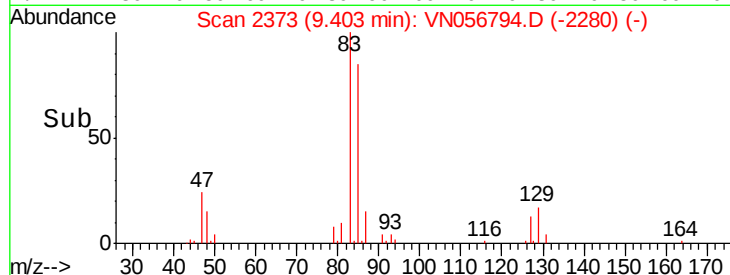
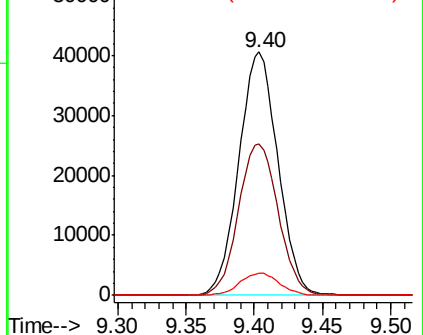
83 100

85 62.1 52.3 78.5

127 9.2 7.6 11.4



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): VN0



#48

Methyl methacrylate

Concen: 19.163 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

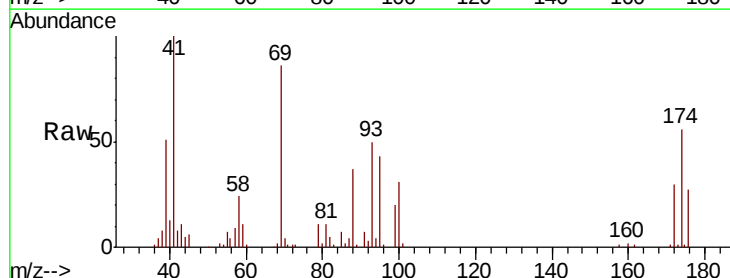
Tgt Ion: 41 Resp: 64691

Ion Ratio Lower Upper

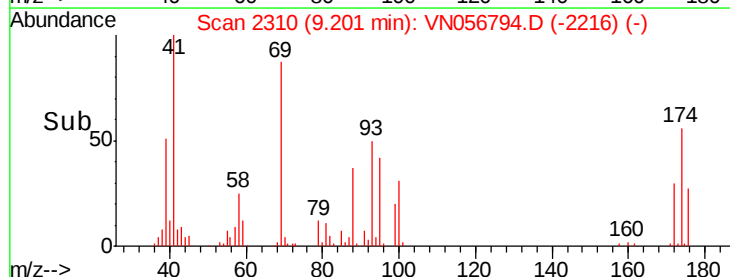
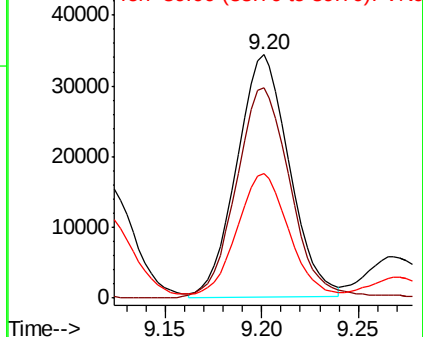
41 100

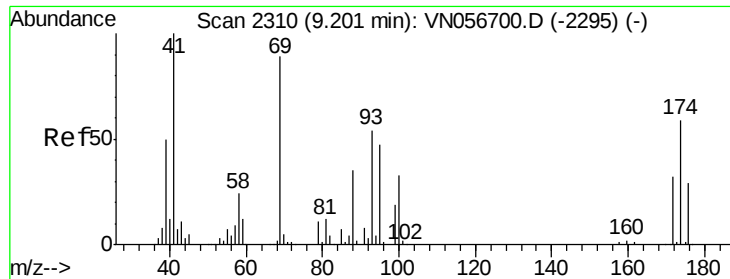
69 89.2 71.4 107.0

39 50.9 41.2 61.8



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

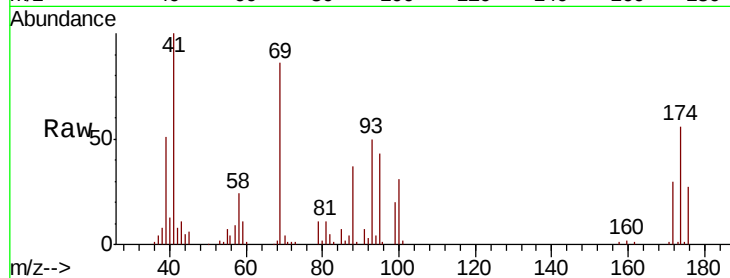




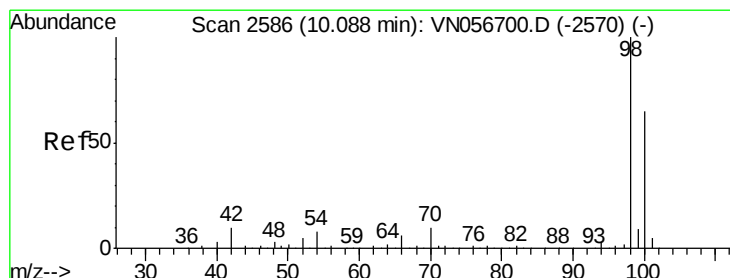
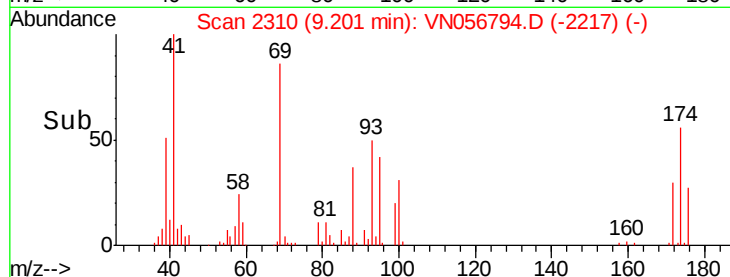
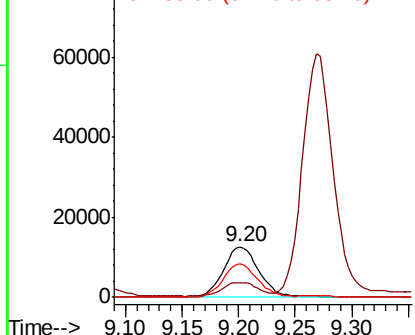
#49  
 1,4-Dioxane  
 Concen: 402.009 ug/l  
 RT: 9.20 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion: 88 Resp: 27847  
 Ion Ratio Lower Upper  
 88 100  
 43 27.0 23.7 35.5  
 58 63.9 55.6 83.4

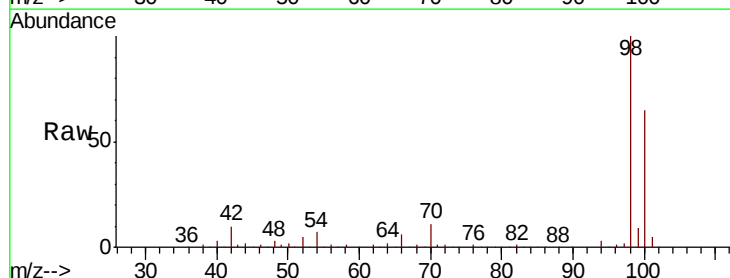


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

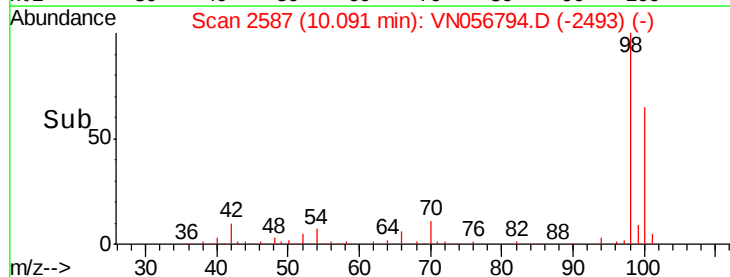
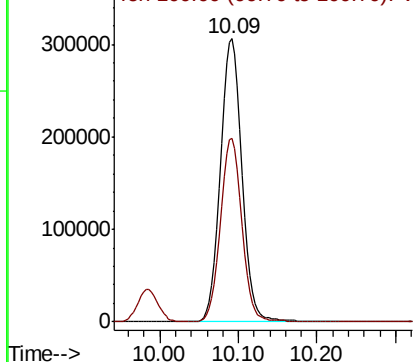


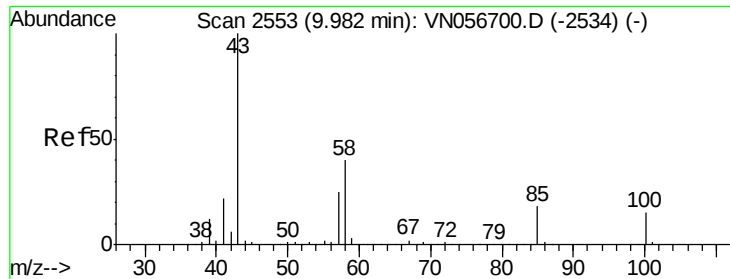
#50  
 Toluene-d8  
 Concen: 49.255 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

Tgt Ion: 98 Resp: 576376  
 Ion Ratio Lower Upper  
 98 100  
 100 64.2 52.0 78.0



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: 94.850 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

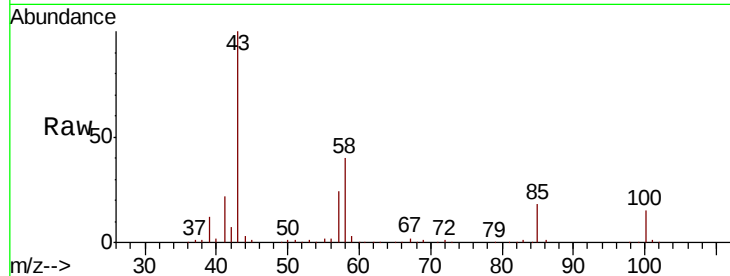
ClientSampleId :

Tot Ion: 43 Resp: 428837

Ion Ratio Lower Upper

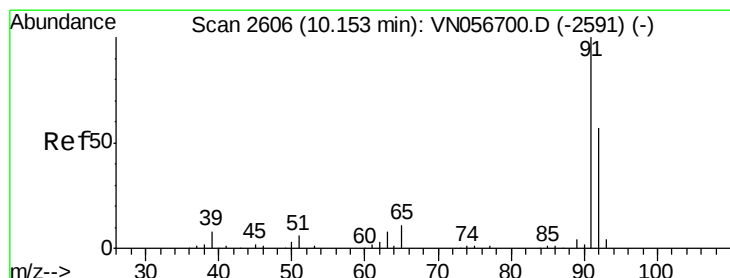
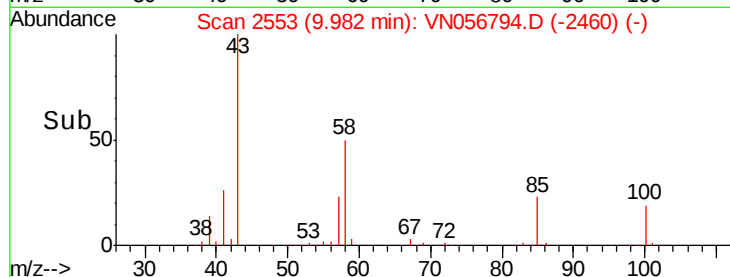
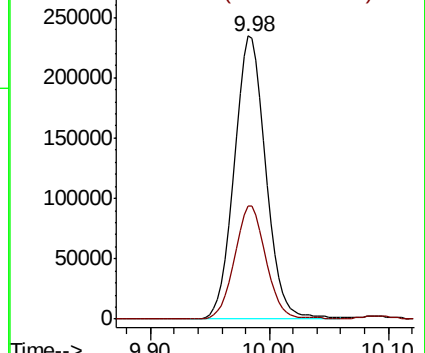
43 100

58 40.1 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.005 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056794.D

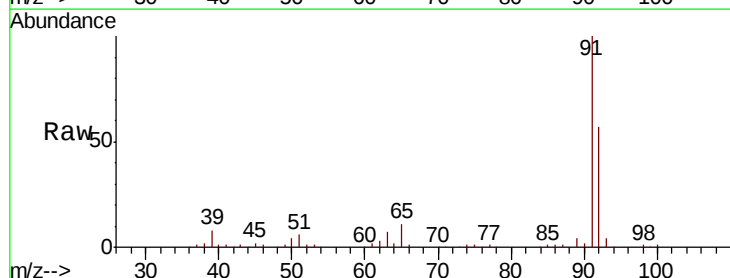
Acq: 17 Jul 2019 14:11

Tgt Ion: 92 Resp: 155802

Ion Ratio Lower Upper

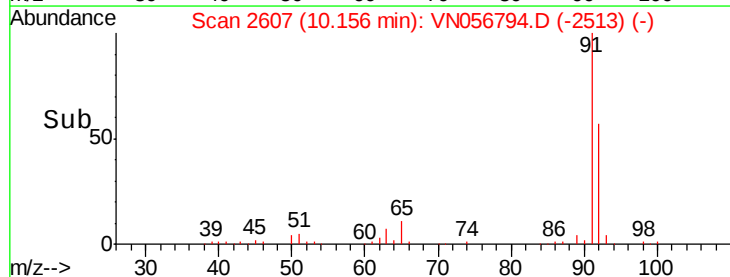
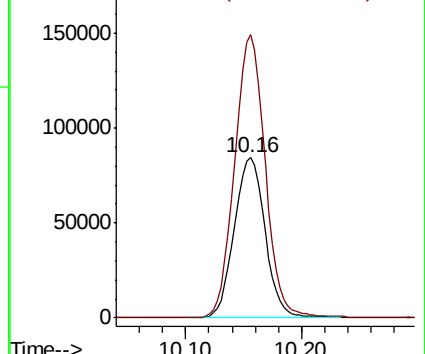
92 100

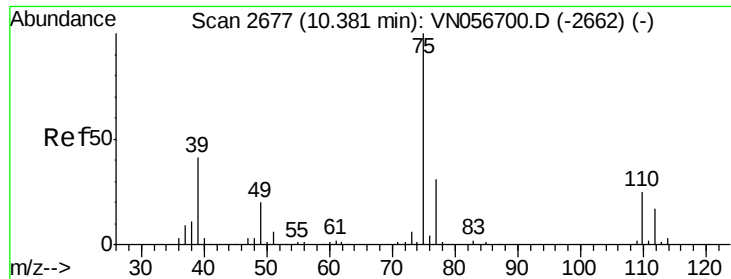
91 174.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.368 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

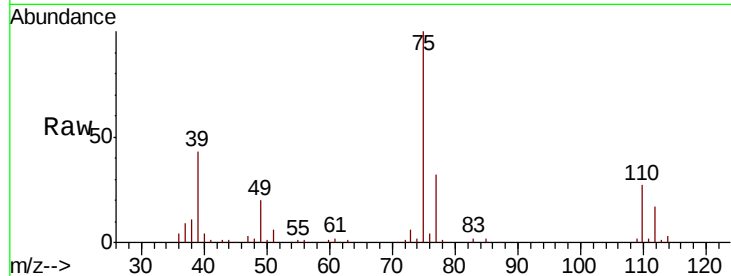
ClientSampleId :

Tot Ion: 75 Resp: 82777

Ion Ratio Lower Upper

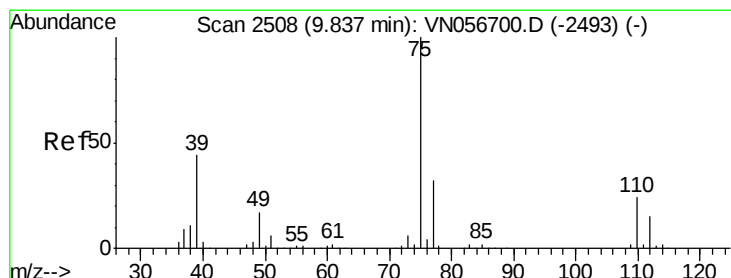
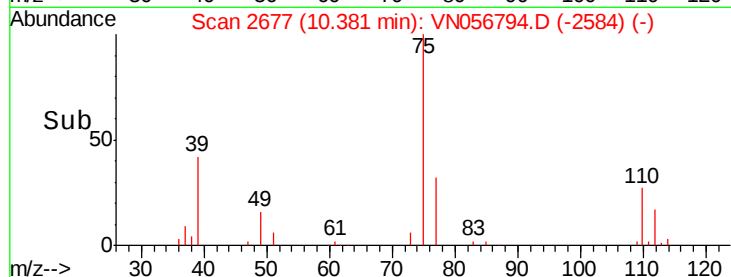
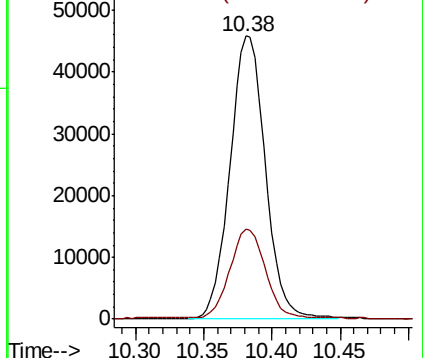
75 100

77 31.5 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.279 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

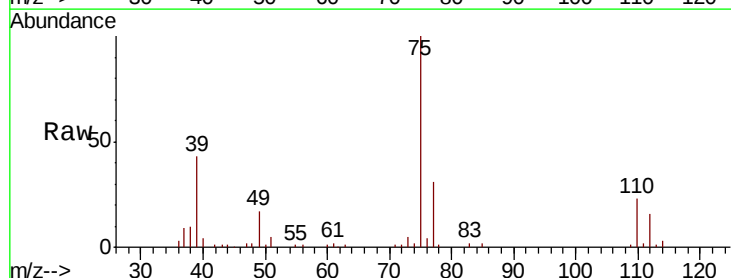
Tgt Ion: 75 Resp: 95590

Ion Ratio Lower Upper

75 100

77 31.2 26.0 39.0

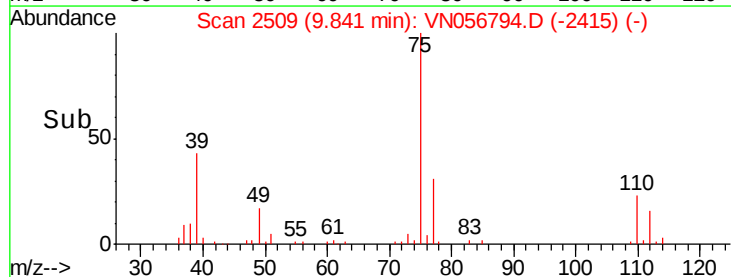
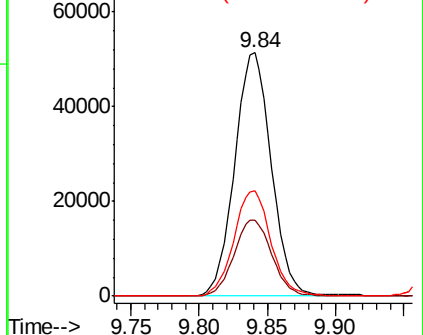
39 43.1 35.1 52.7

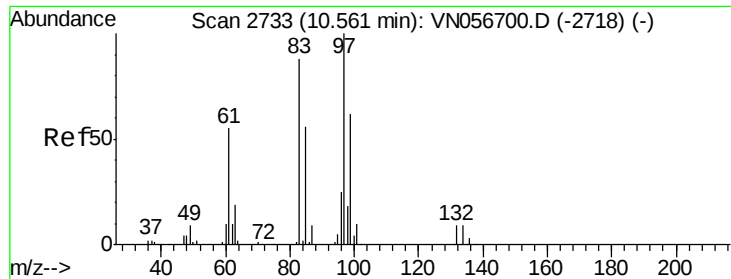


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

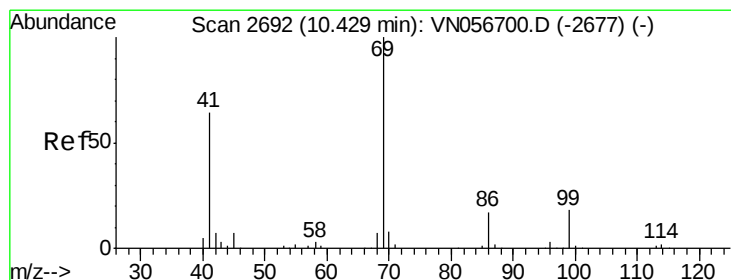
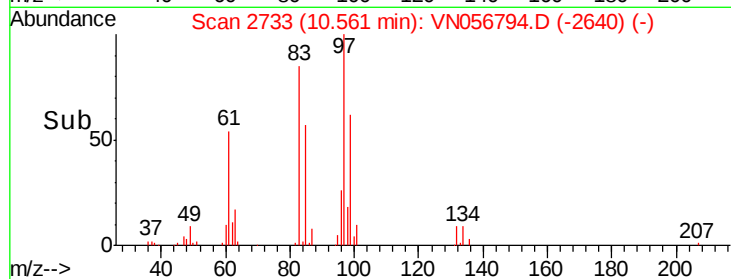
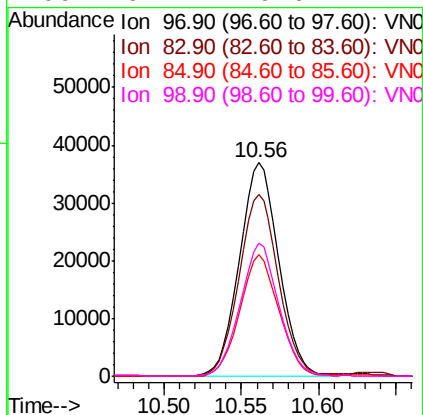
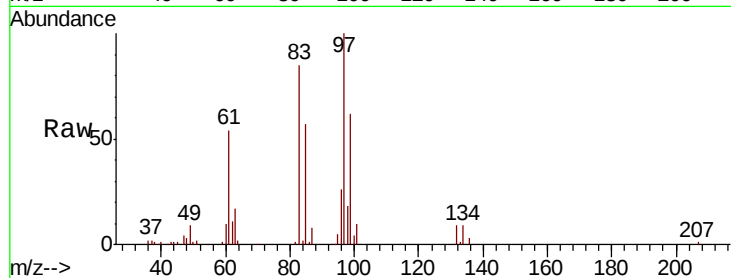




#55  
 1,1,2-Trichloroethane  
 Concen: 19.071 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

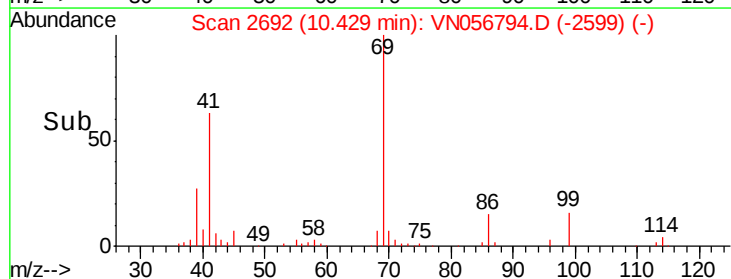
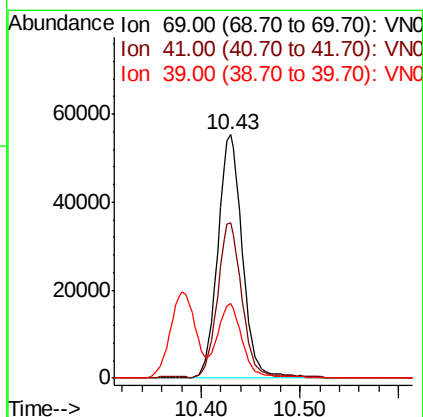
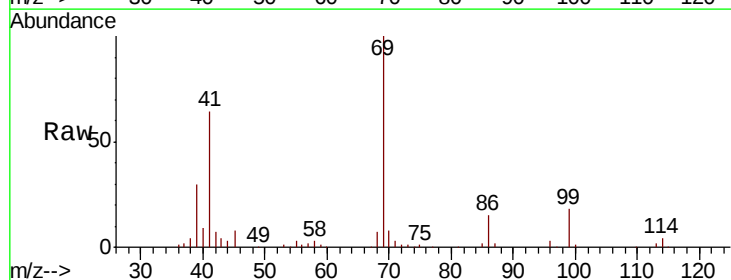
Instrument :  
 MSVOA\_N  
 ClientSampled :

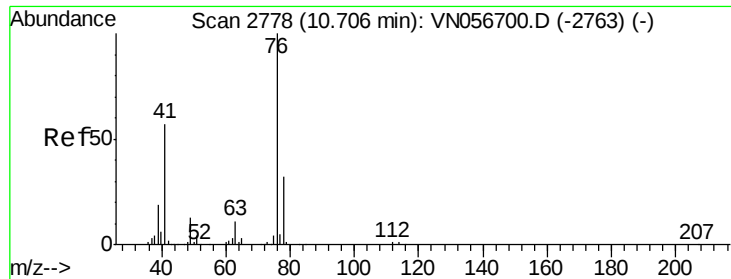
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 65577 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.0  | 70.3  | 105.5 |
| 85       | 56.9  | 44.8  | 67.2  |
| 99       | 62.4  | 49.6  | 74.4  |



#56  
 Ethyl methacrylate  
 Concen: 19.549 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 96720 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 64.1  | 51.0  | 76.4  |
| 39       | 29.1  | 24.6  | 36.8  |

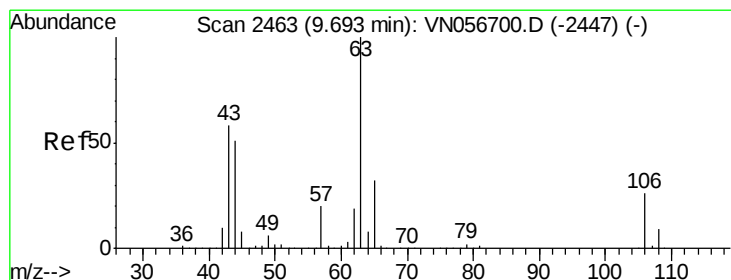
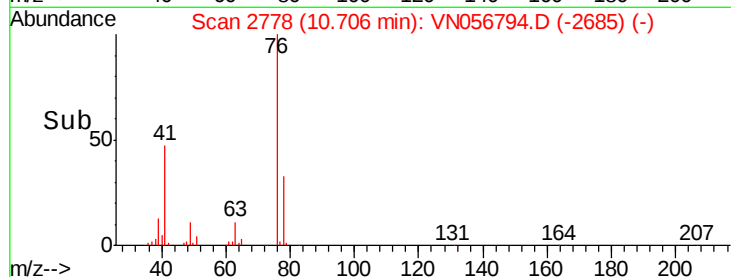
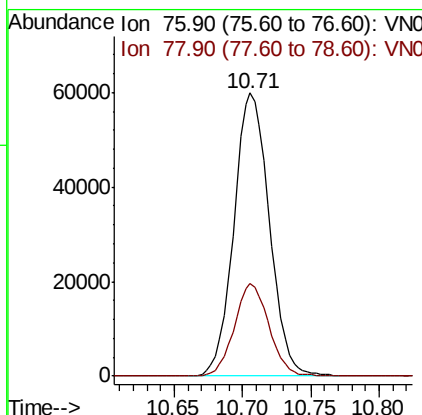
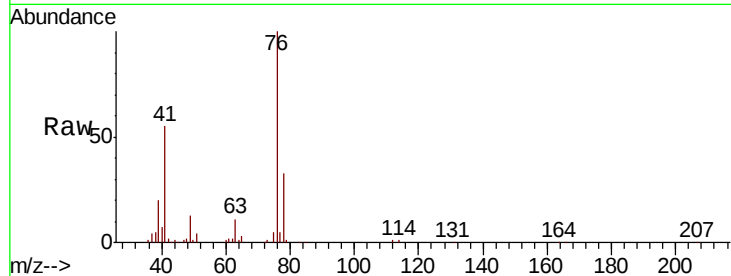




#57  
 1,3-Dichloropropane  
 Concen: 19.238 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

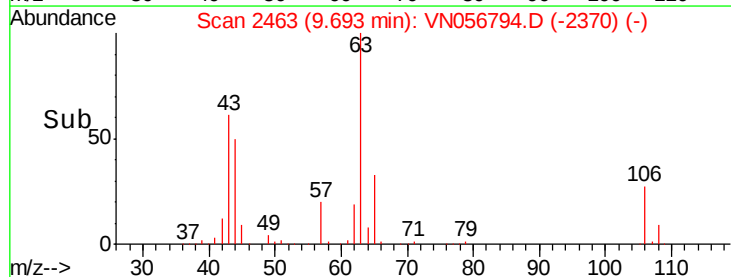
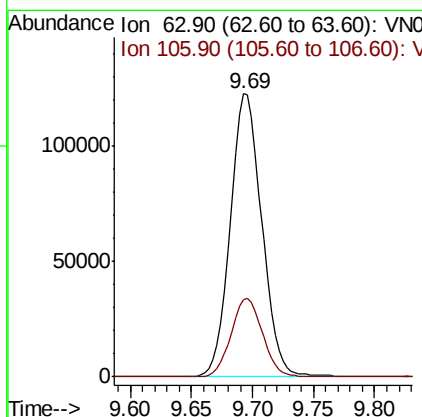
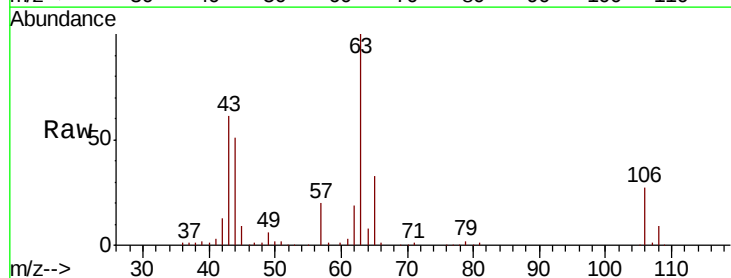
Instrument :  
 MSVOA\_N  
 ClientSampleId :

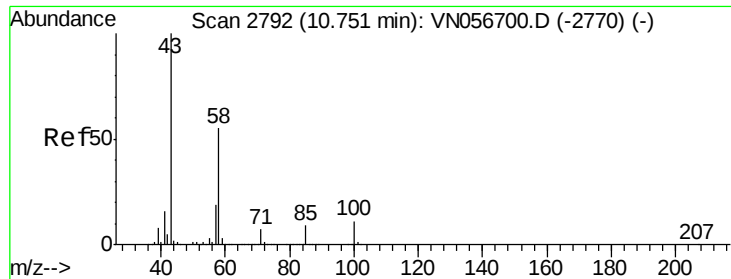
Tot Ion: 76 Resp: 108038  
 Ion Ratio Lower Upper  
 76 100  
 78 31.9 26.0 39.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 93.018 ug/l  
 RT: 9.69 min Scan# 2463  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

Tgt Ion: 63 Resp: 221302  
 Ion Ratio Lower Upper  
 63 100  
 106 27.7 21.2 31.8

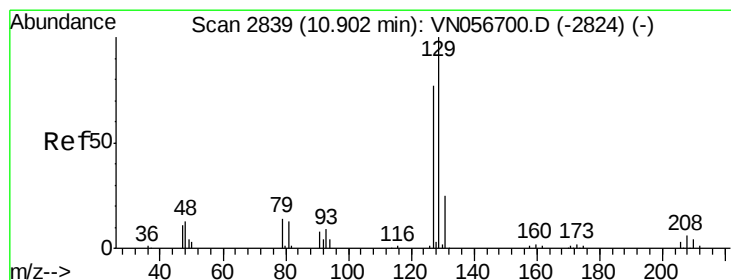
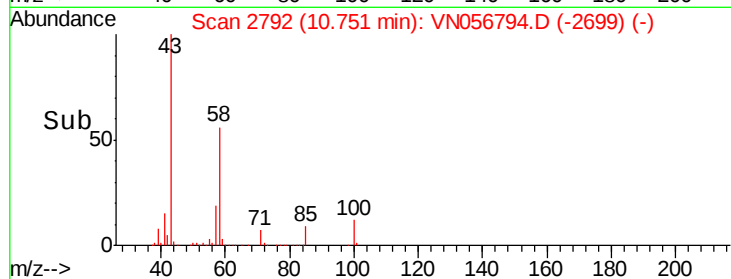
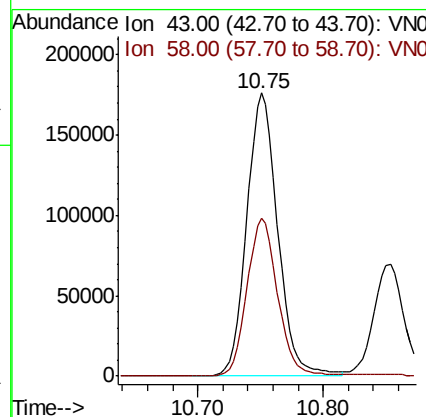
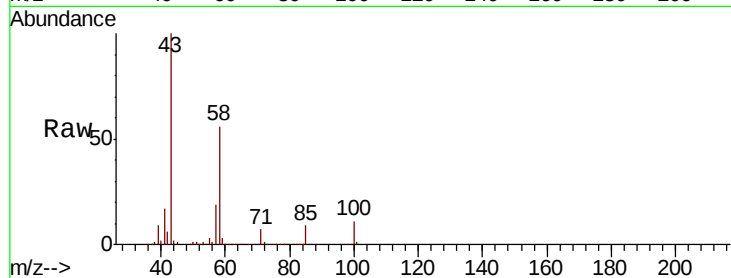




#59  
2-Hexanone  
Concen: 93.009 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

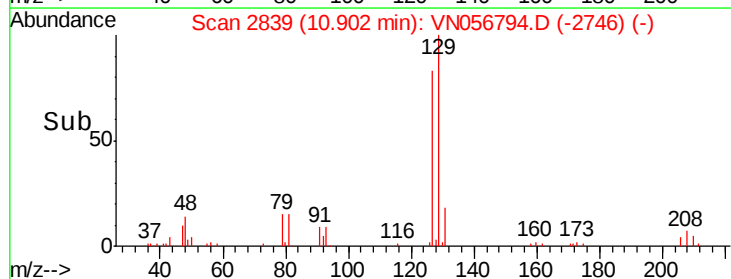
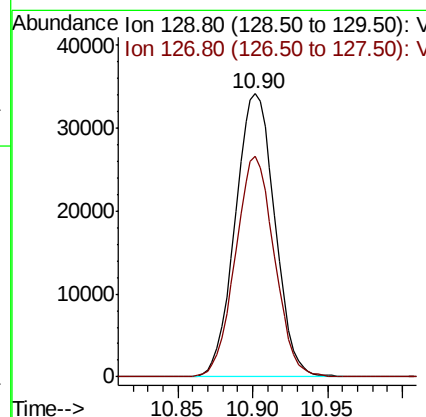
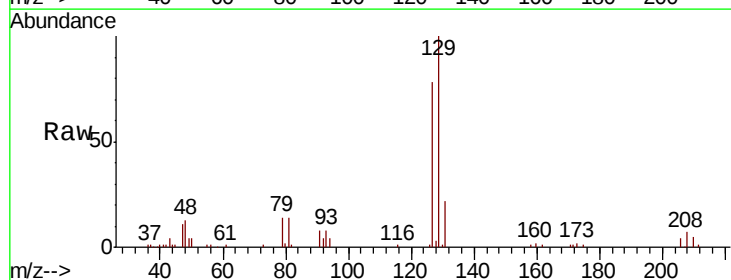
Instrument :  
MSVOA\_N  
ClientSampleId :

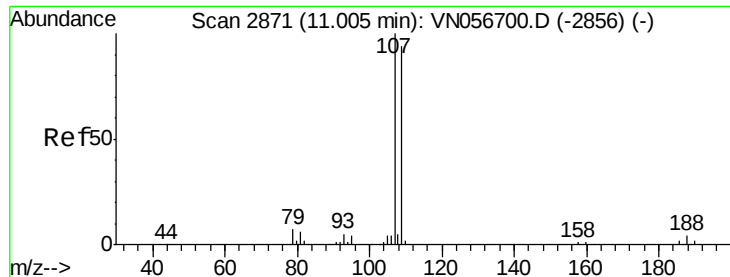
Tot Ion: 43 Resp: 301734  
Ion Ratio Lower Upper  
43 100  
58 55.8 27.9 83.6



#60  
Dibromochloromethane  
Concen: 18.553 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Tgt Ion: 129 Resp: 62741  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.2 114.6

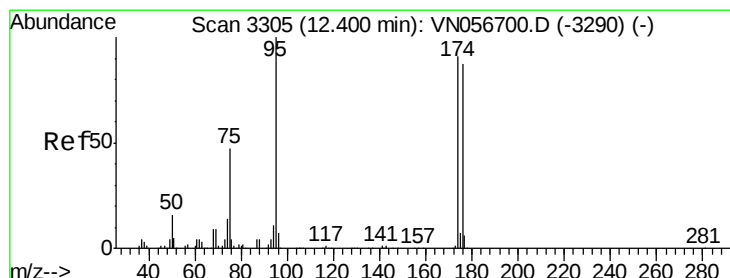
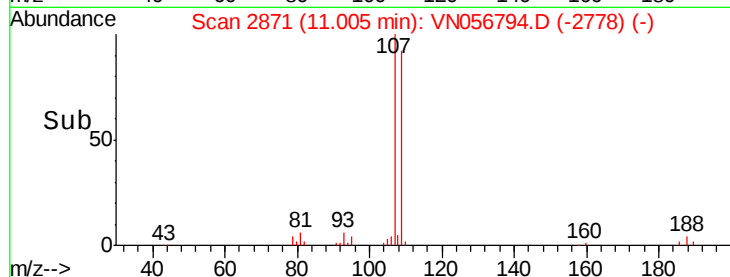
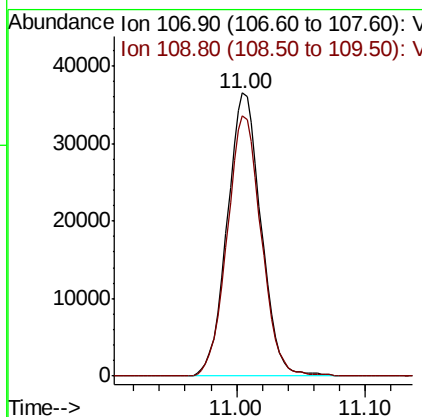
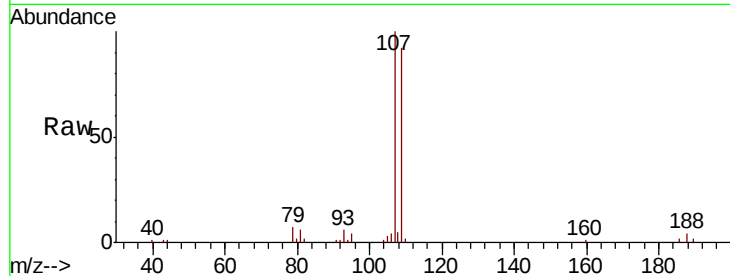




#61  
 1,2-Dibromoethane  
 Concen: 19.407 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

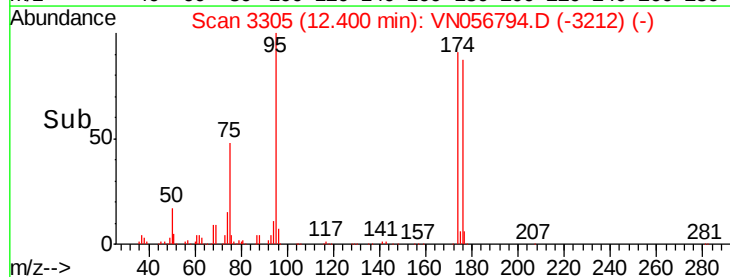
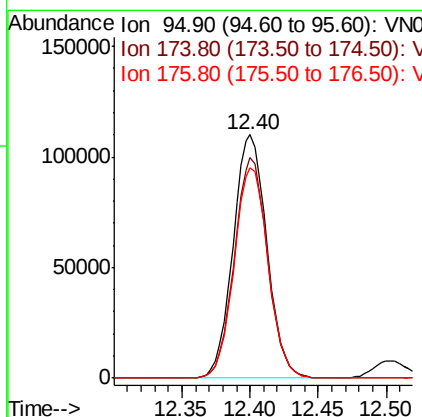
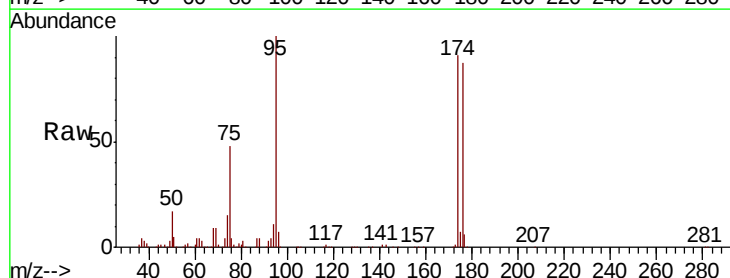
Instrument :  
 MSVOA\_N  
 ClientSampleId :

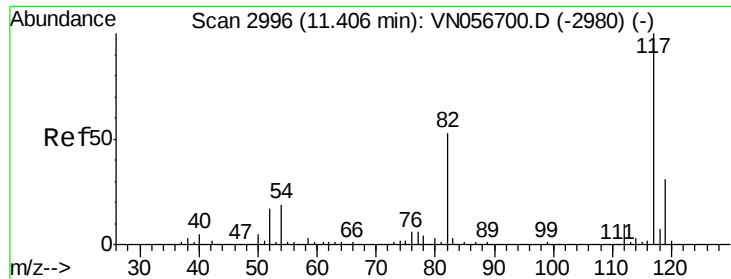
Tot Ion:107 Resp: 66319  
 Ion Ratio Lower Upper  
 107 100  
 109 92.9 76.2 114.4



#62  
 4-Bromofluorobenzene  
 Concen: 47.872 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

Tgt Ion: 95 Resp: 188918  
 Ion Ratio Lower Upper  
 95 100  
 174 89.1 0.0 180.0  
 176 86.9 0.0 173.2

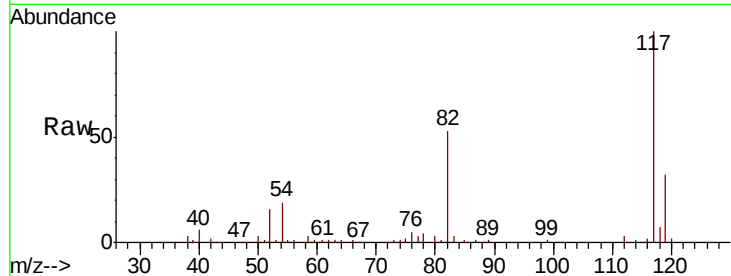




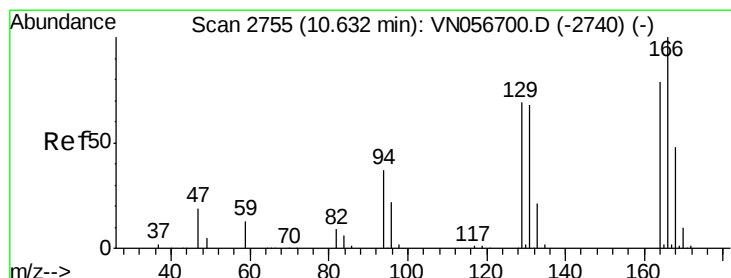
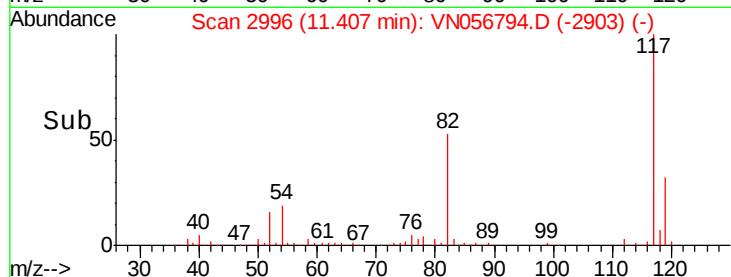
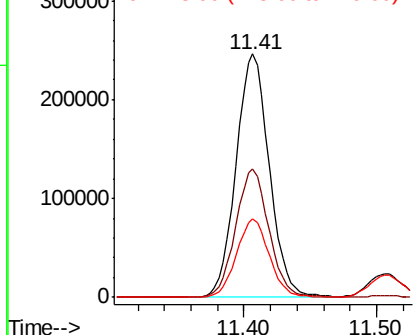
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:117 Resp: 428314  
Ion Ratio Lower Upper  
117 100  
82 52.5 42.2 63.2  
119 32.3 25.2 37.8

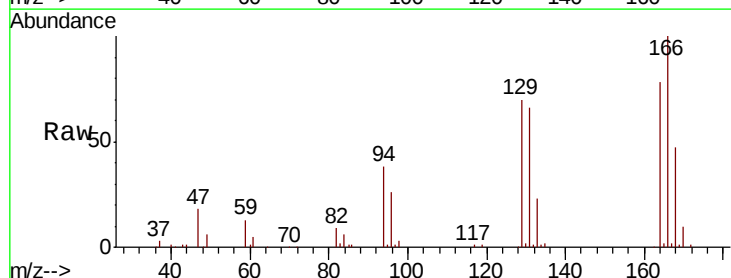


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

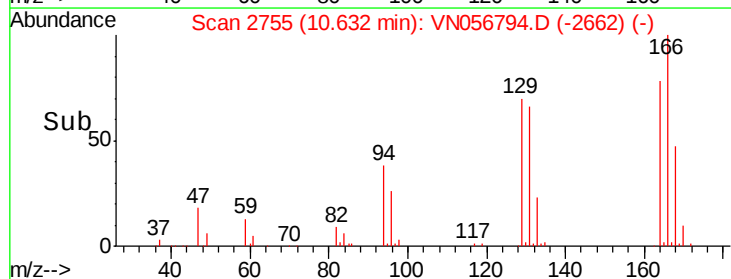
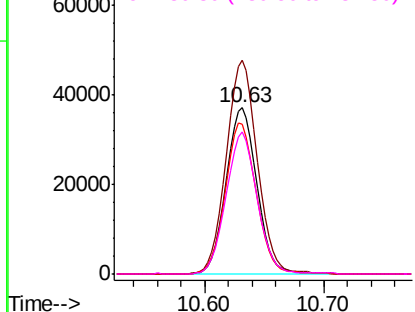


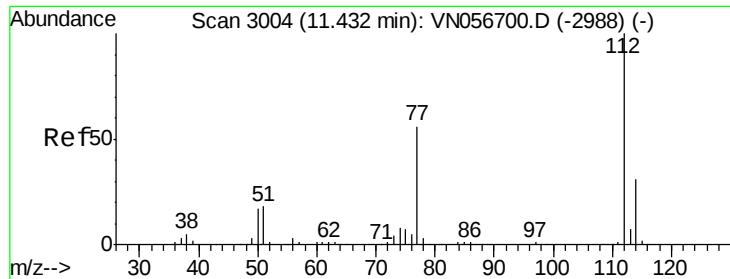
#64  
Tetrachloroethene  
Concen: 18.063 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Tgt Ion:164 Resp: 66746  
Ion Ratio Lower Upper  
164 100  
166 128.8 101.4 152.2  
129 90.1 69.6 104.4  
131 85.4 69.0 103.4



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

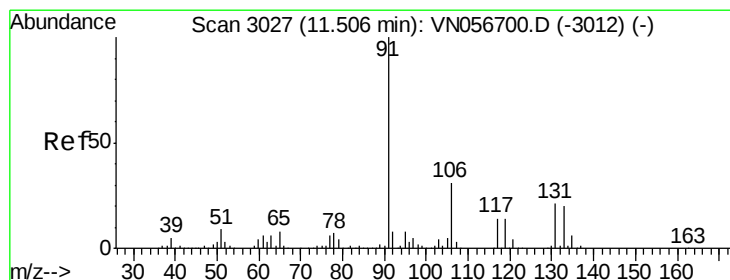
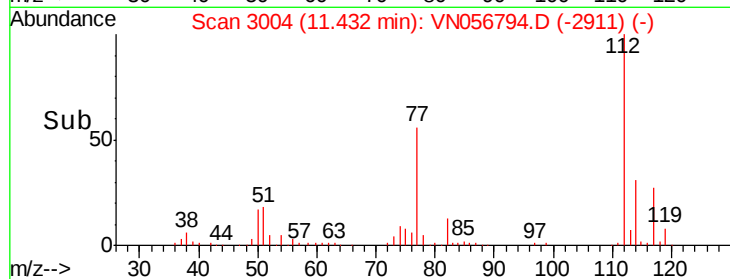
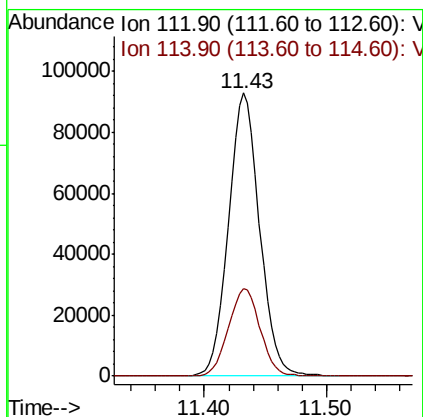
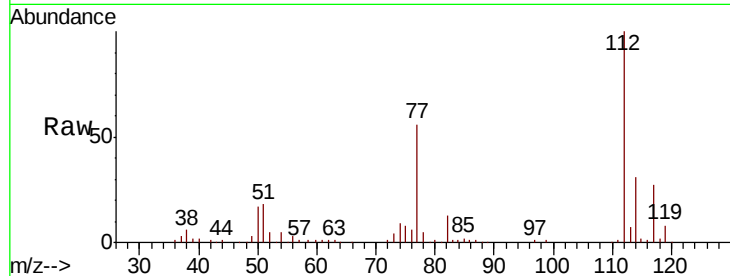




#65  
Chlorobenzene  
Concen: 18.853 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

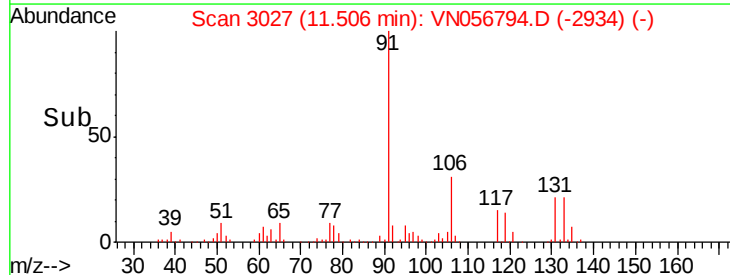
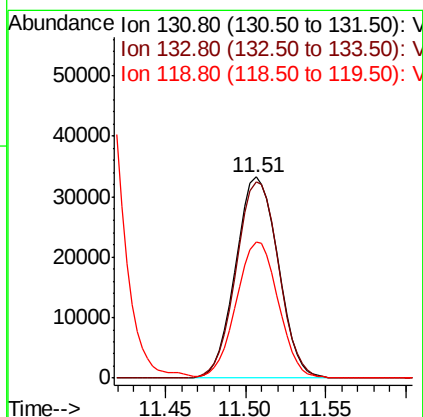
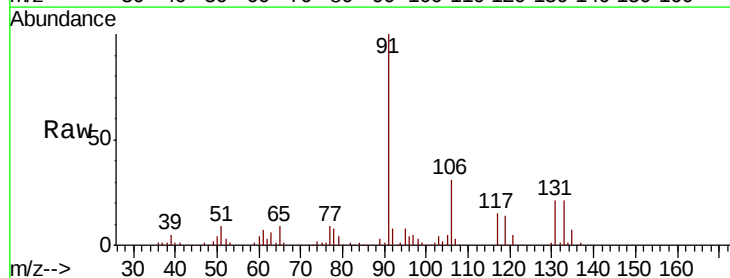
Instrument :  
MSVOA\_N  
ClientSampleId :

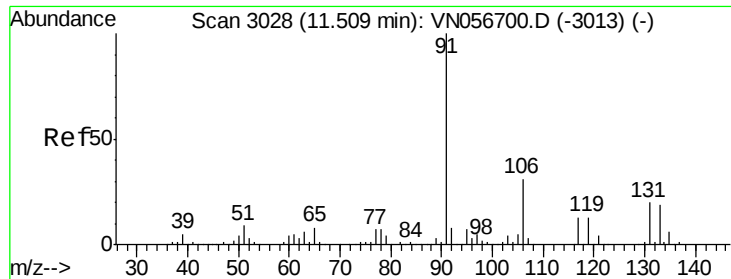
Tot Ion:112 Resp: 165111  
Ion Ratio Lower Upper  
112 100  
114 30.9 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.693 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Tgt Ion:131 Resp: 60278  
Ion Ratio Lower Upper  
131 100  
133 97.8 46.9 140.7  
119 66.9 32.8 98.3

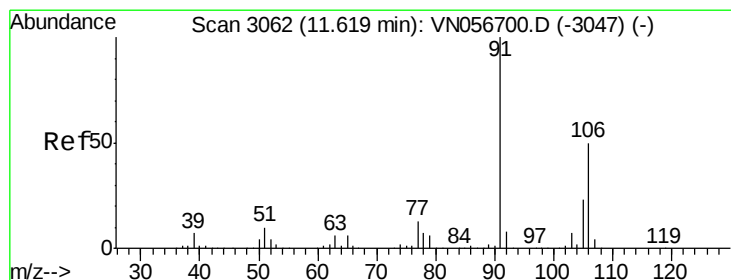
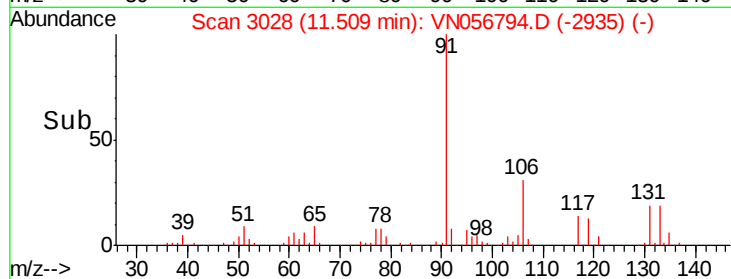
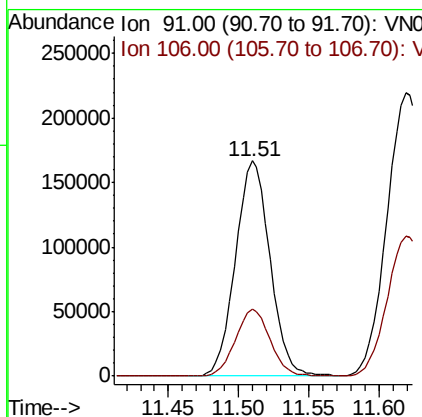
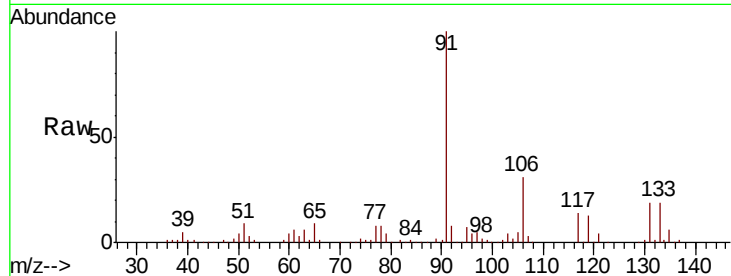




#67  
Ethyl Benzene  
Concen: 18.644 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

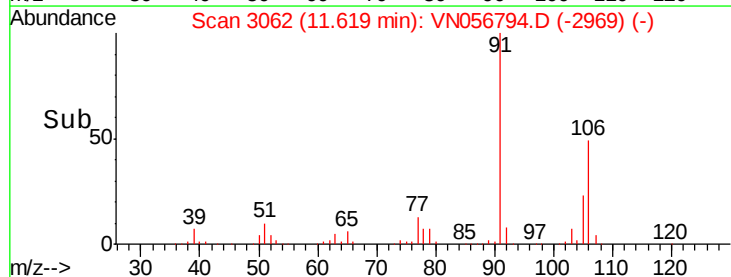
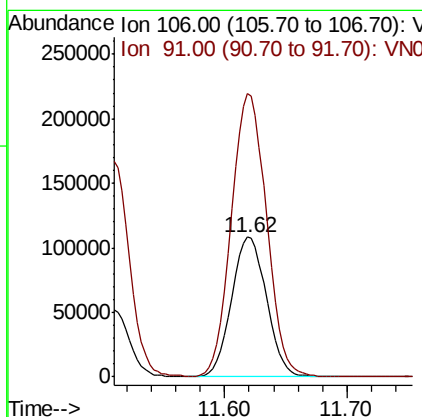
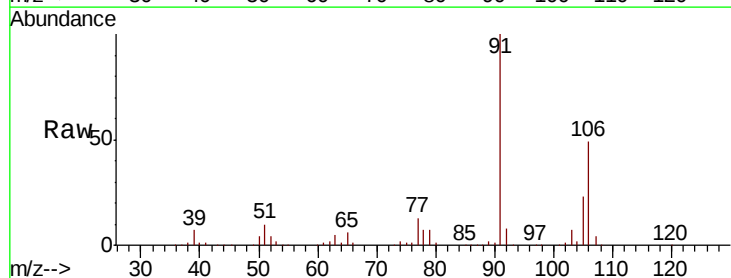
Instrument :  
MSVOA\_N  
ClientSampled :

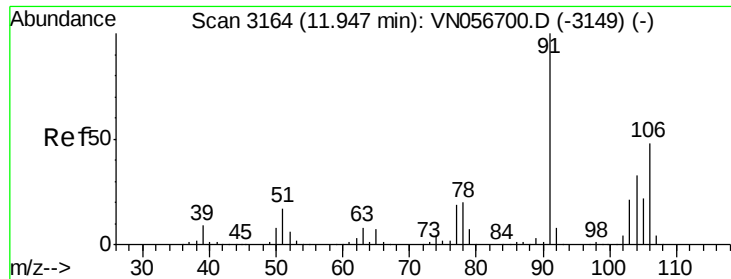
Tot Ion: 91 Resp: 286956  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.8 37.2



#68  
m/p-Xylenes  
Concen: 37.521 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Tgt Ion: 106 Resp: 215822  
Ion Ratio Lower Upper  
106 100  
91 202.6 160.5 240.7

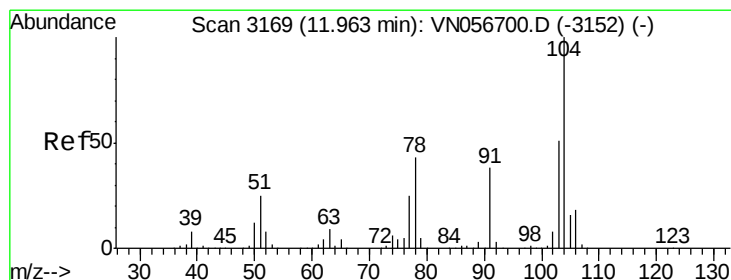
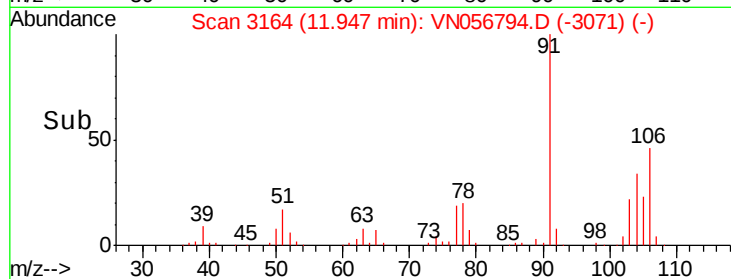
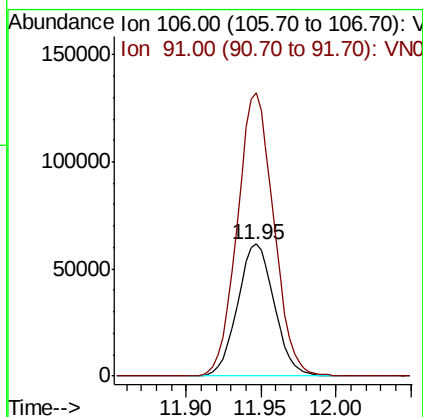
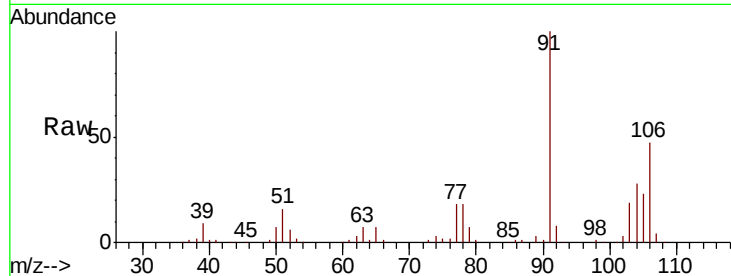




#69  
o-Xylene  
Concen: 18.635 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

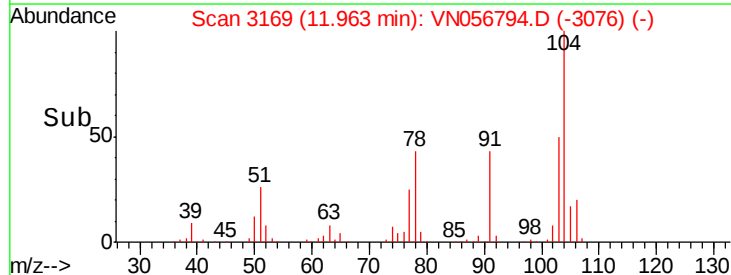
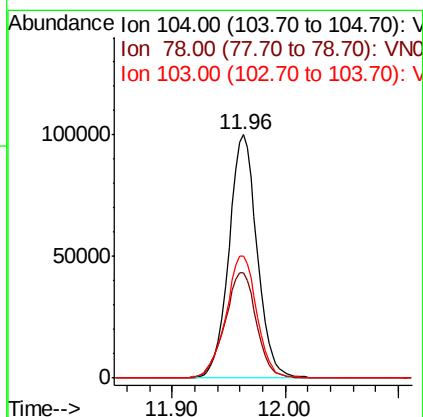
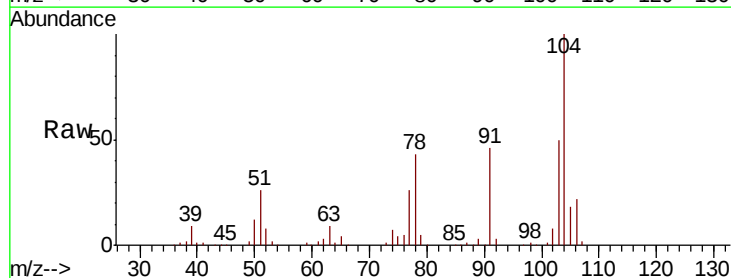
Instrument :  
MSVOA\_N  
ClientSampled :

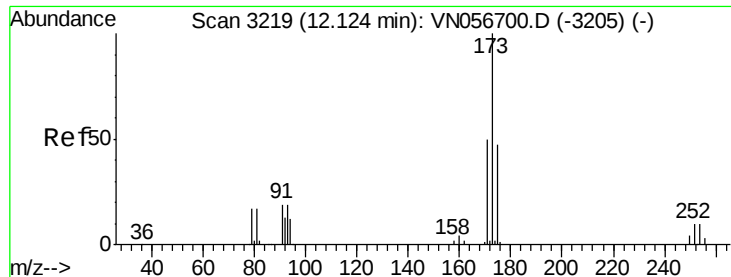
Tot Ion:106 Resp: 105381  
Ion Ratio Lower Upper  
106 100  
91 212.4 105.6 316.8



#70  
Styrene  
Concen: 18.957 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Tgt Ion:104 Resp: 173318  
Ion Ratio Lower Upper  
104 100  
78 48.5 38.6 57.8  
103 55.2 44.2 66.4





#71

Bromoform

Concen: 18.336 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

ClientSampleId :

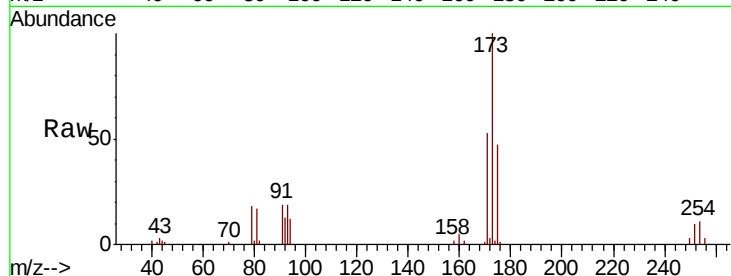
Tot Ion:173 Resp: 44986

Ion Ratio Lower Upper

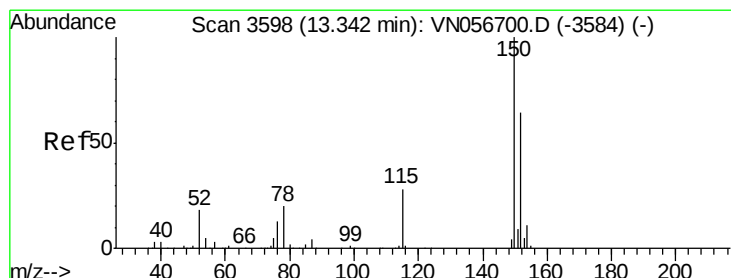
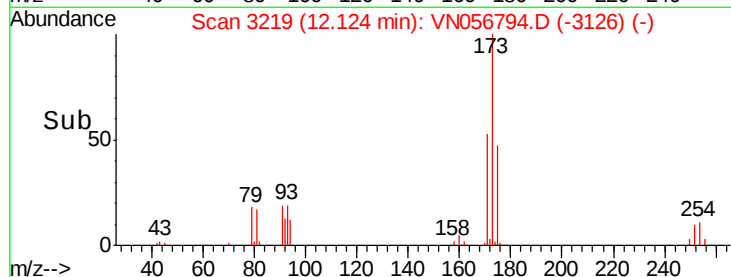
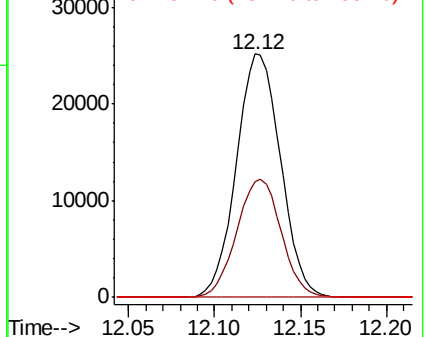
173 100

175 48.8 23.8 71.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

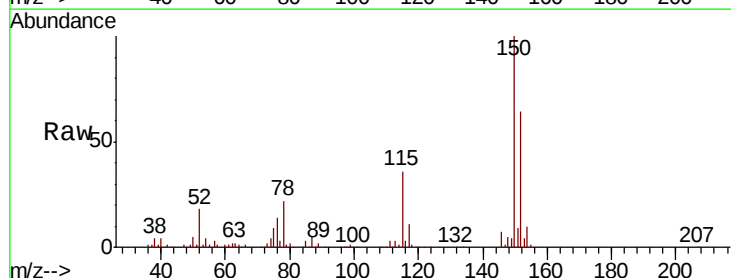
Tgt Ion:152 Resp: 179772

Ion Ratio Lower Upper

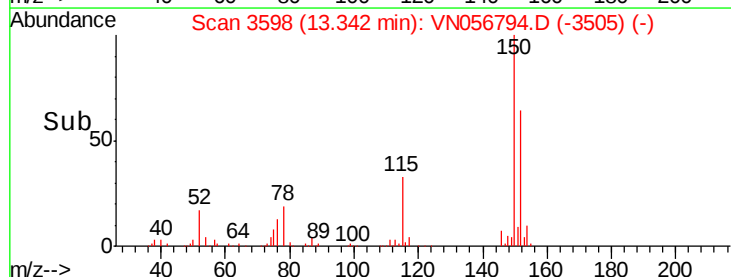
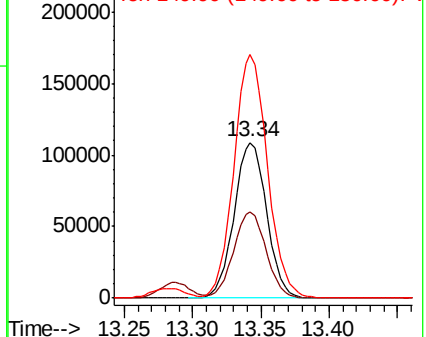
152 100

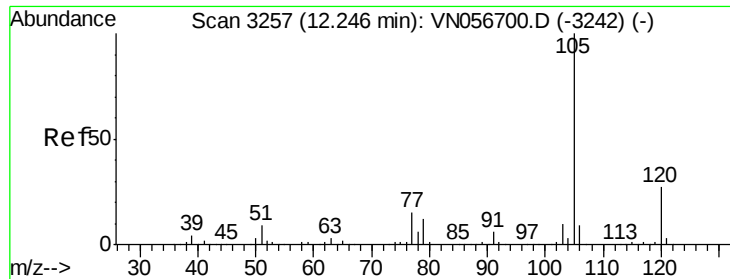
115 55.4 28.2 84.7

150 161.6 0.0 345.8



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: 19.047 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

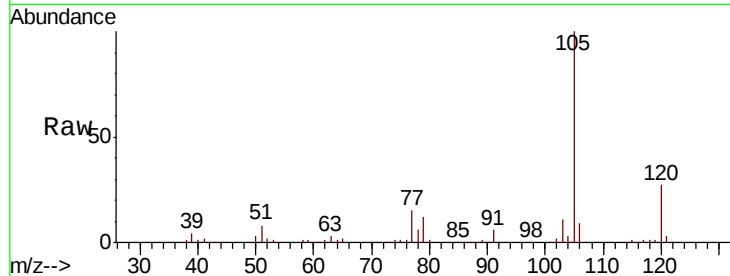
ClientSampleId :

Tot Ion:105 Resp: 276093

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

0

12.25

12.20

12.15

12.10

12.05

12.00

11.95

11.90

11.85

11.80

11.75

11.70

11.65

11.60

11.55

11.50

11.45

11.40

11.35

11.30

11.25

11.20

11.15

11.10

11.05

11.00

10.95

10.90

10.85

10.80

10.75

10.70

10.65

10.60

10.55

10.50

10.45

10.40

10.35

10.30

10.25

10.20

10.15

10.10

10.05

10.00

9.95

9.90

9.85

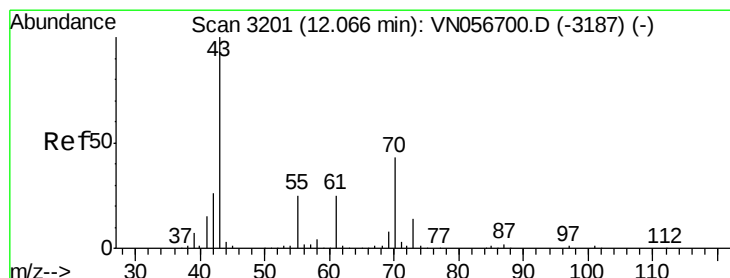
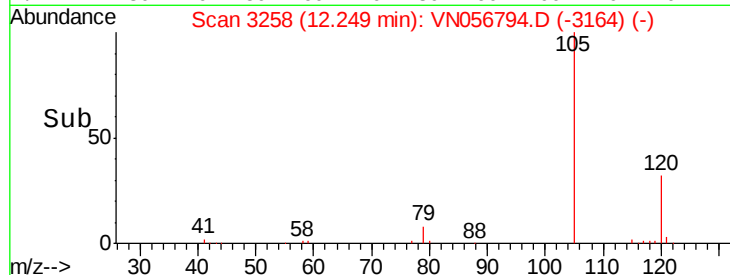
9.80

9.75

9.70

9.65

9.60



#74

N-ethyl acetate

Concen: 19.039 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Tgt Ion: 43 Resp: 102777

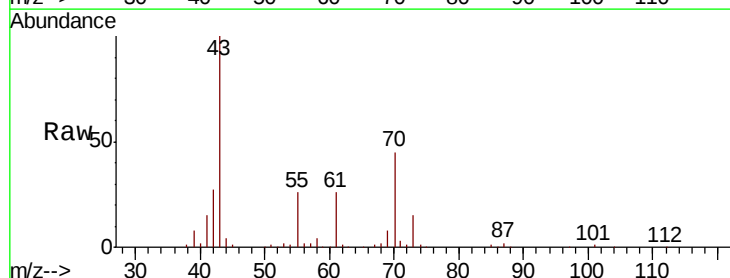
Ion Ratio Lower Upper

43 100

70 44.6 34.5 51.7

55 26.2 20.2 30.2

61 26.0 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

60000

40000

20000

0

12.07

12.05

12.03

12.01

11.99

11.97

11.95

11.93

11.91

11.89

11.87

11.85

11.83

11.81

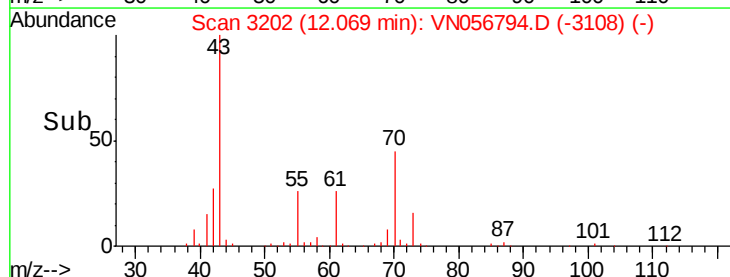
11.79

11.77

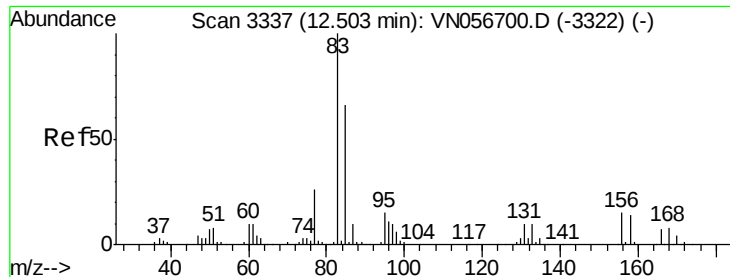
11.75

11.73

11.71



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 20.975 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

ClientSampled :

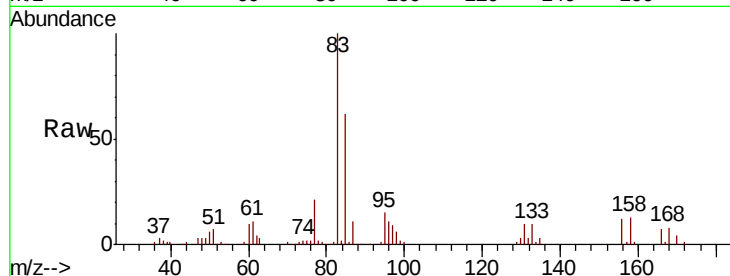
Tot Ion: 83 Resp: 92777

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

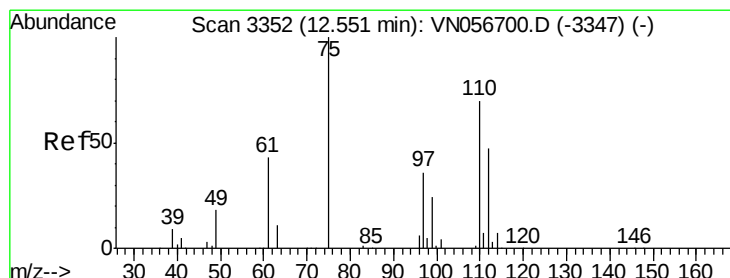
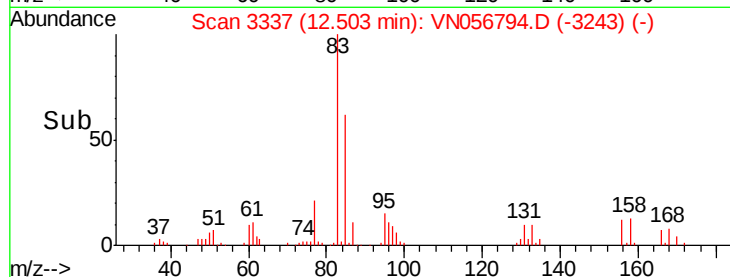
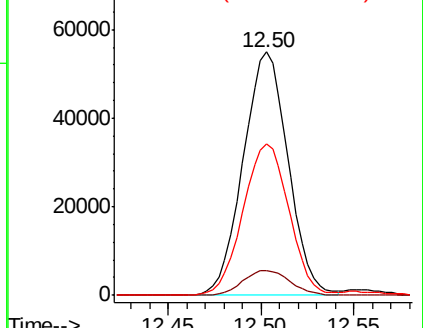
85 63.4 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.624 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056794.D

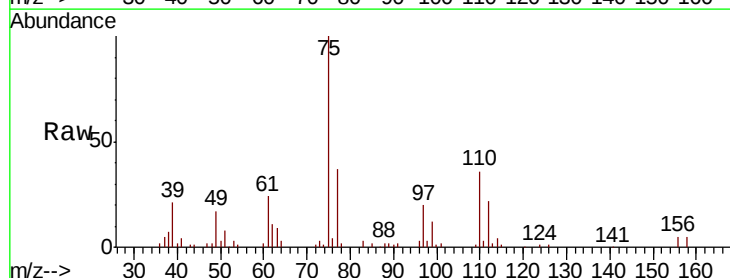
Acq: 17 Jul 2019 14:11

Tgt Ion: 75 Resp: 108616

Ion Ratio Lower Upper

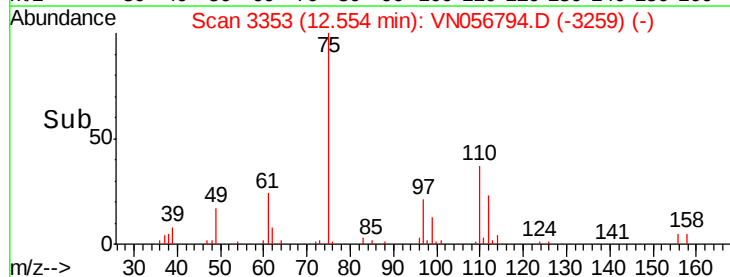
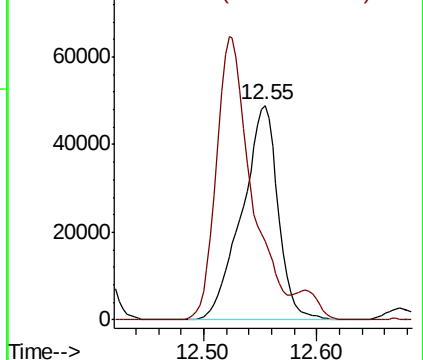
75 100

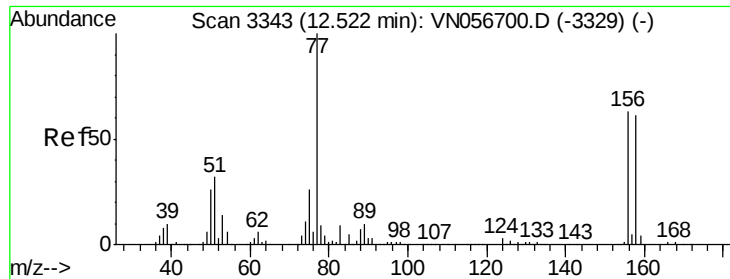
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.438 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

ClientSampled :

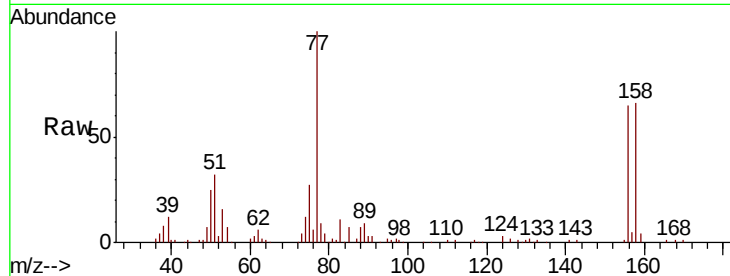
Tot Ion:156 Resp: 73697

Ion Ratio Lower Upper

156 100

77 189.4 97.2 291.6

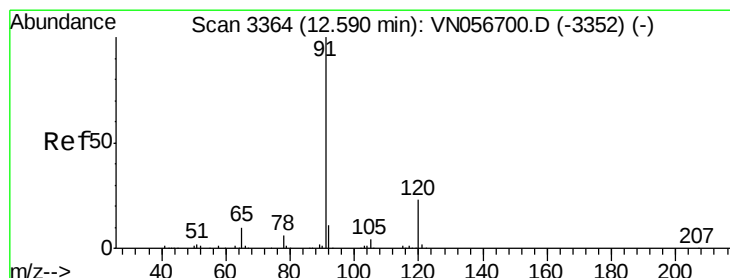
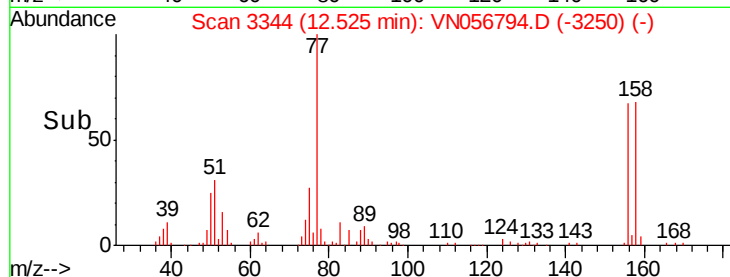
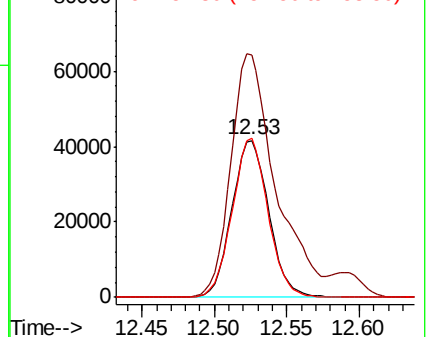
158 97.8 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.751 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056794.D

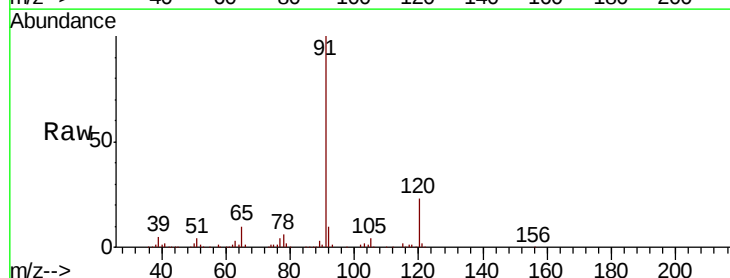
Acq: 17 Jul 2019 14:11

Tgt Ion: 91 Resp: 301753

Ion Ratio Lower Upper

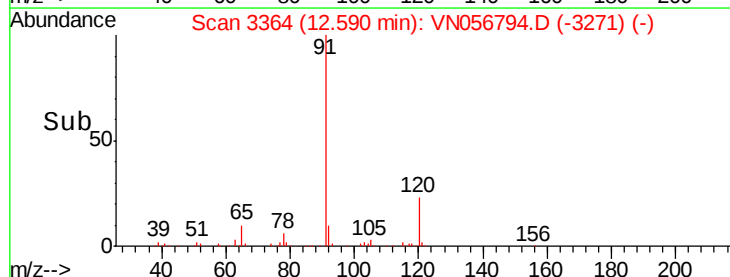
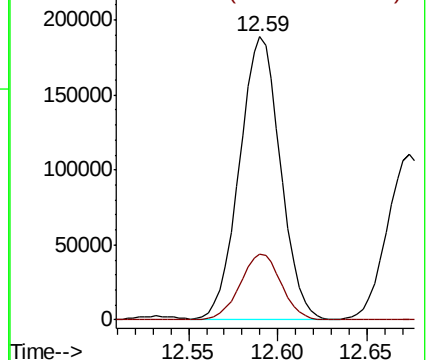
91 100

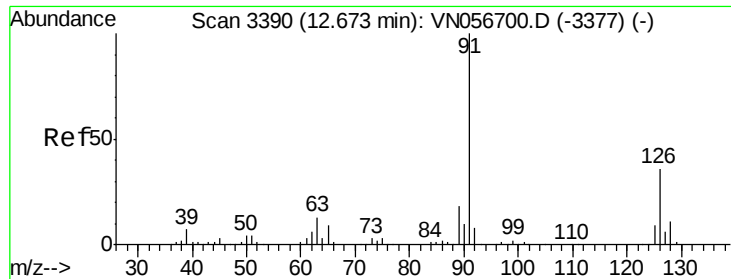
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.062 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

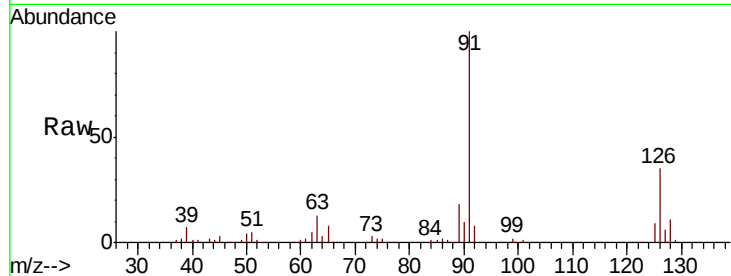
ClientSampled :

Tot Ion: 91 Resp: 187141

Ion Ratio Lower Upper

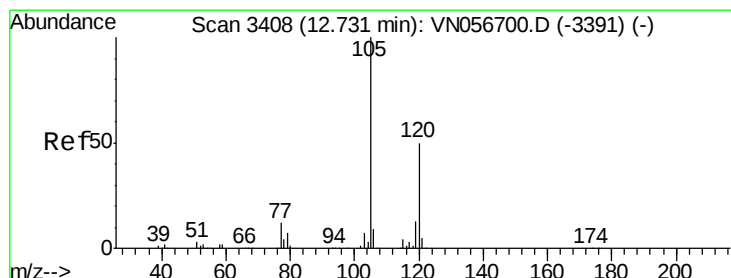
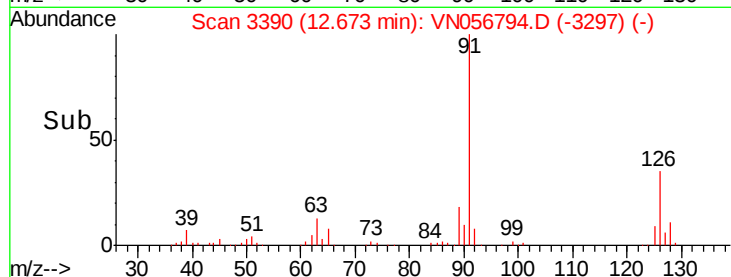
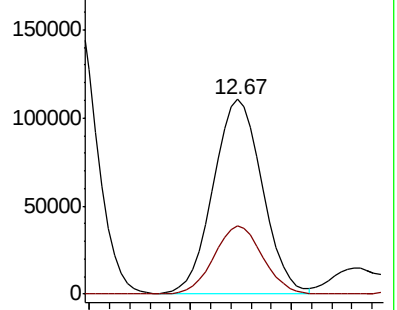
91 100

126 35.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN056700.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN056700.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.397 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056794.D

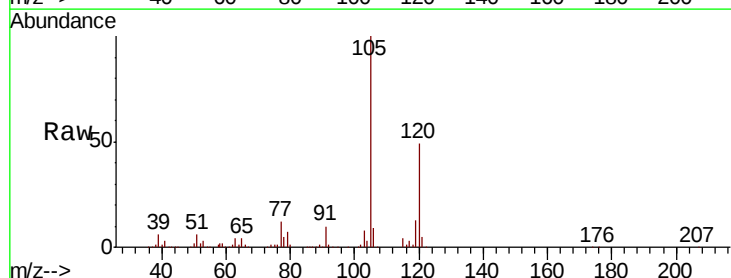
Acq: 17 Jul 2019 14:11

Tgt Ion:105 Resp: 238301

Ion Ratio Lower Upper

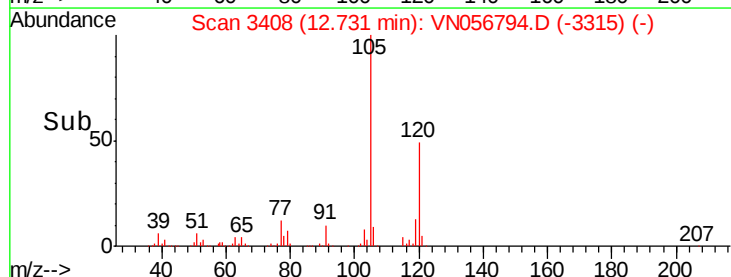
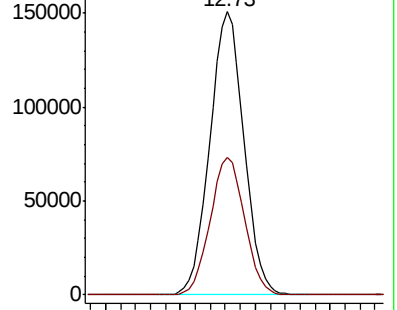
105 100

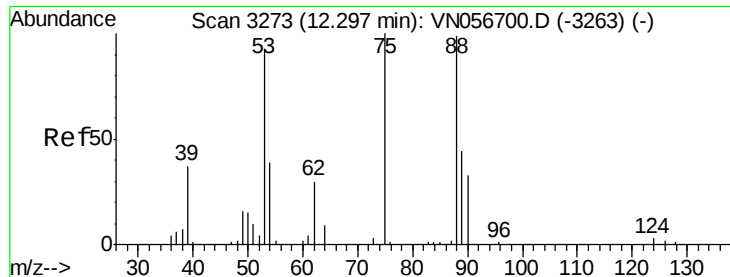
120 48.9 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056700.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN056700.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.278 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

ClientSampleId :

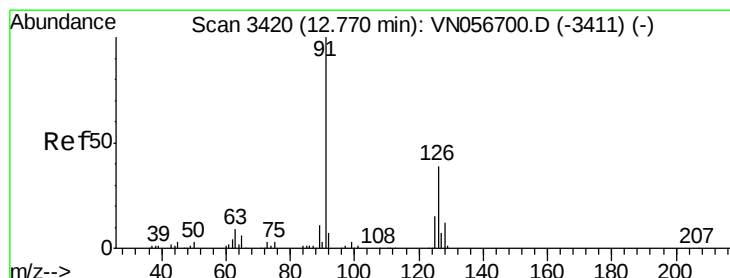
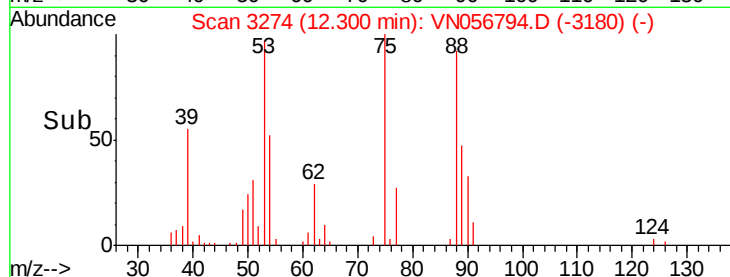
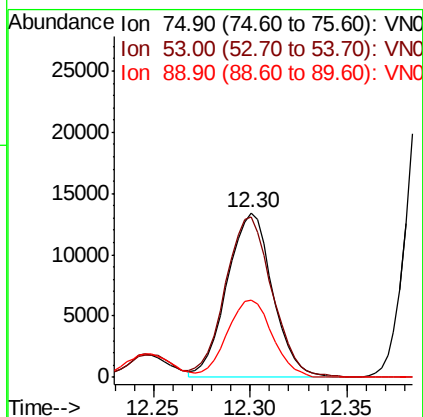
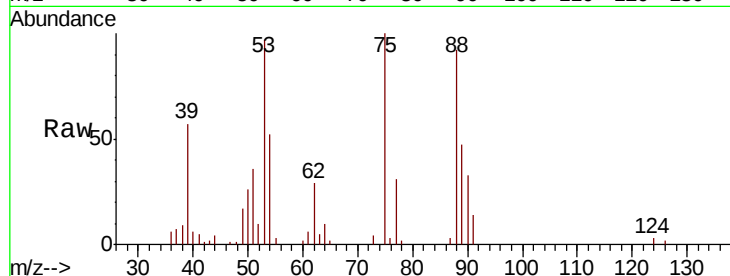
Tot Ion: 75 Resp: 21997

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 100.8 | 73.7  | 110.5 |
| 89  | 46.8  | 36.2  | 54.2  |

75 100

53 100.8 73.7 110.5

89 46.8 36.2 54.2



#82

4-Chlorotoluene

Concen: 18.657 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056794.D

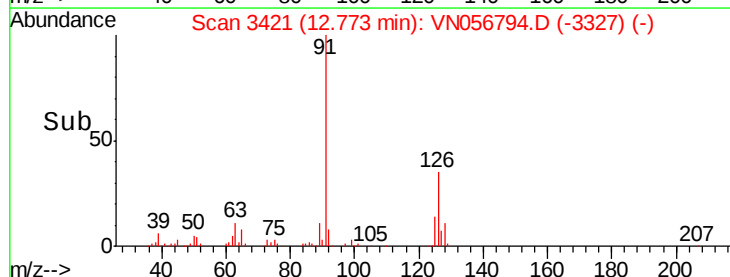
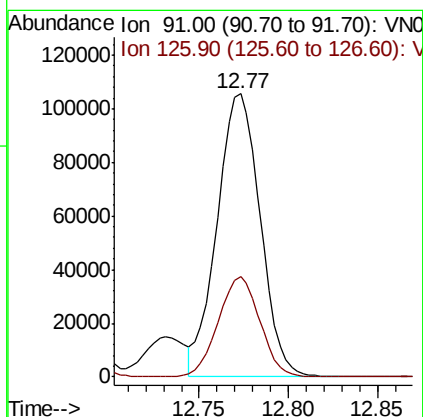
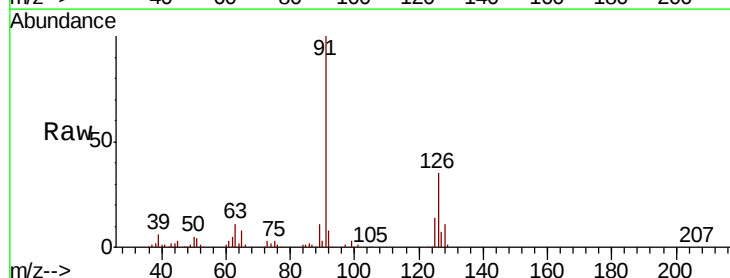
Acq: 17 Jul 2019 14:11

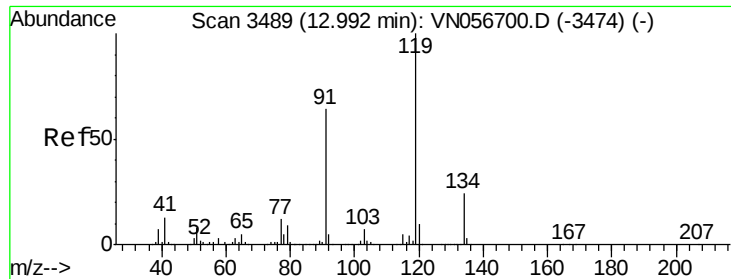
Tgt Ion: 91 Resp: 176190

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 34.4  | 17.6  | 52.8  |

91 100

126 34.4 17.6 52.8

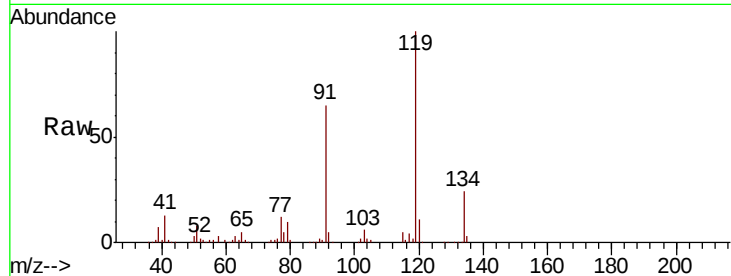




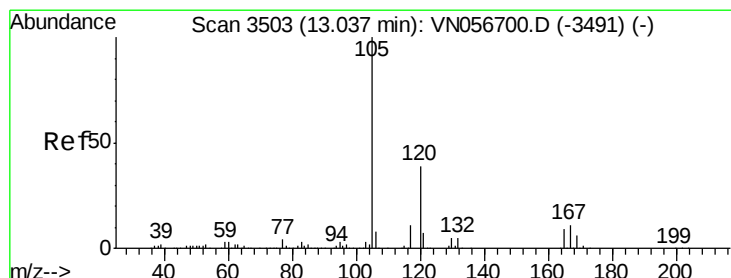
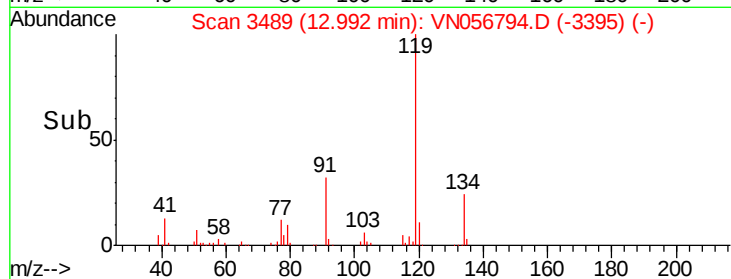
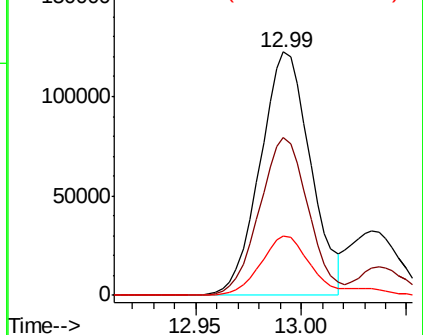
#83  
tert-Butylbenzene  
Concen: 20.390 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:119 Resp: 203462  
Ion Ratio Lower Upper  
119 100  
91 63.1 31.8 95.4  
134 23.9 13.0 38.9

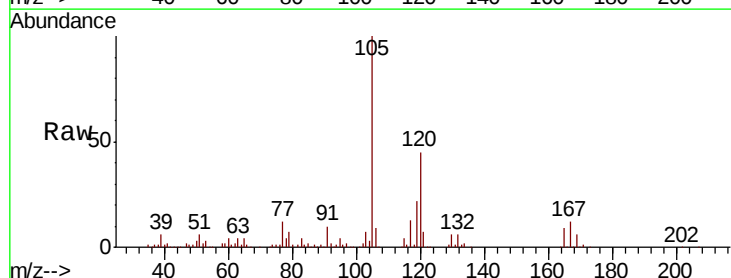


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

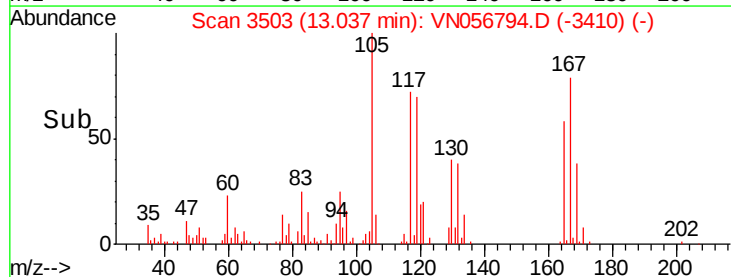
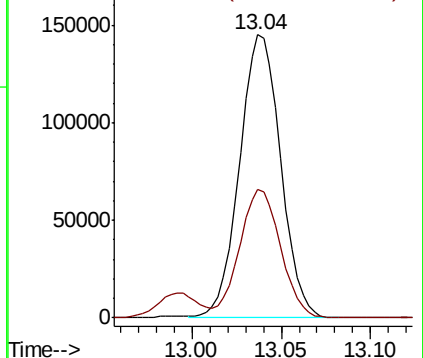


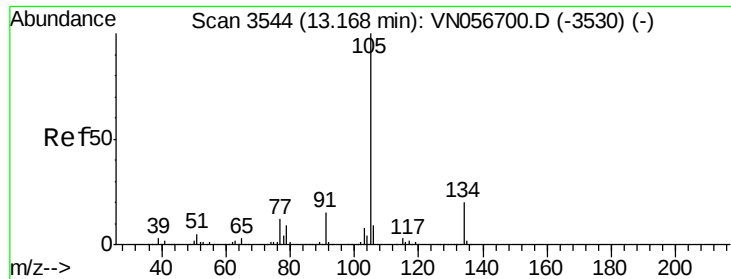
#84  
1,2,4-Trimethylbenzene  
Concen: 19.281 ug/l  
RT: 13.04 min Scan# 3503  
Delta R.T. 0.00 min  
Lab File: VN056794.D  
Acq: 17 Jul 2019 14:11

Tgt Ion:105 Resp: 231401  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.386 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

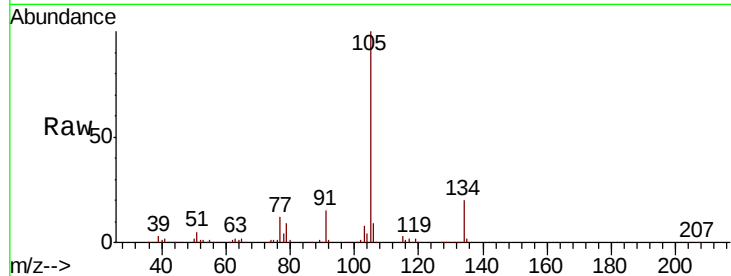
ClientSampleId :

Tot Ion:105 Resp: 264645

Ion Ratio Lower Upper

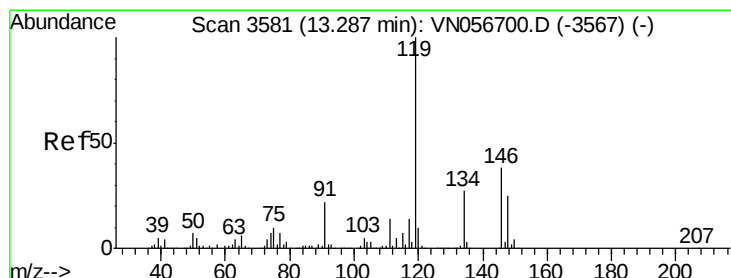
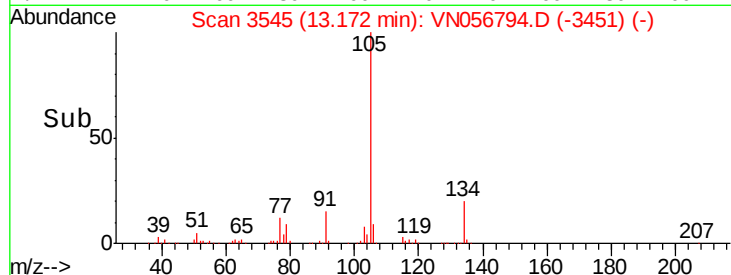
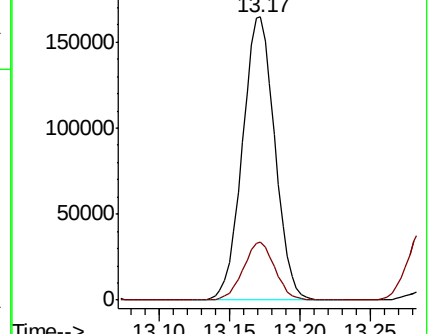
105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.248 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

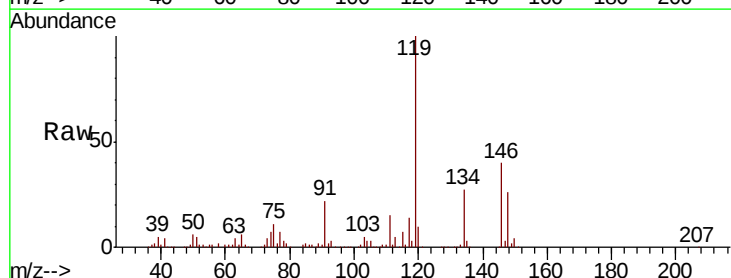
Tgt Ion:119 Resp: 238036

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

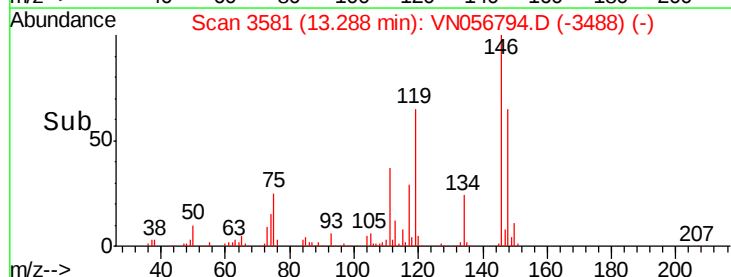
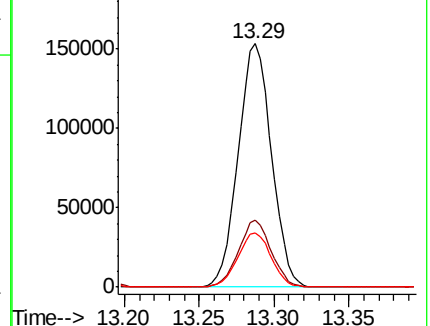
91 22.3 11.2 33.5

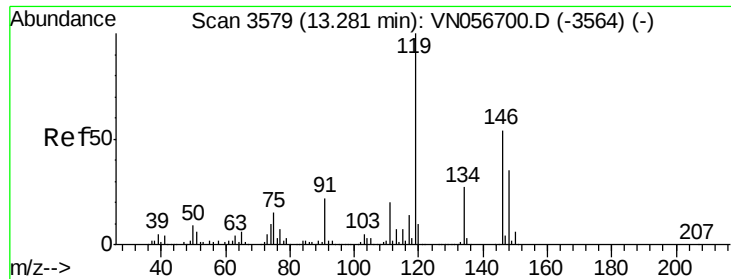


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

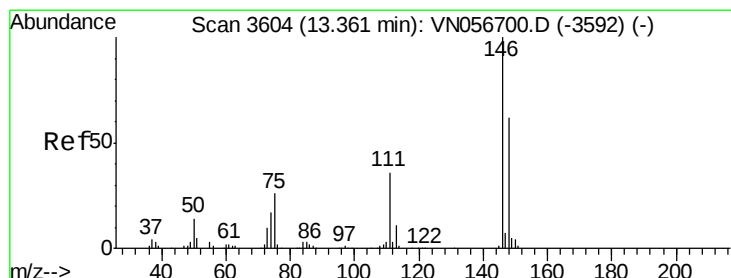
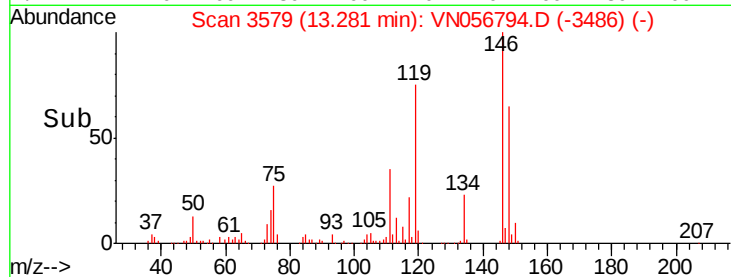
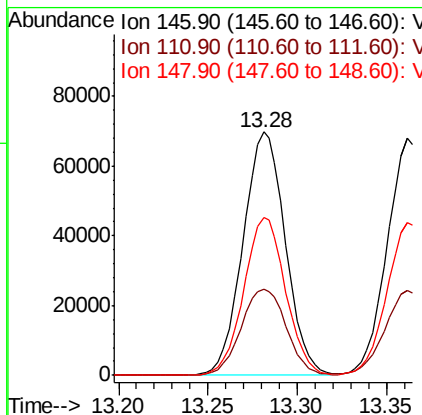
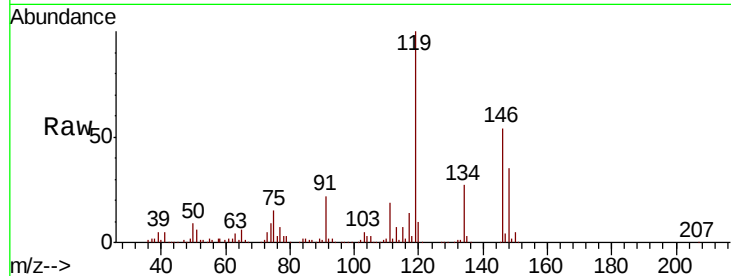




#87  
 1,3-Dichlorobenzene  
 Concen: 18.624 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

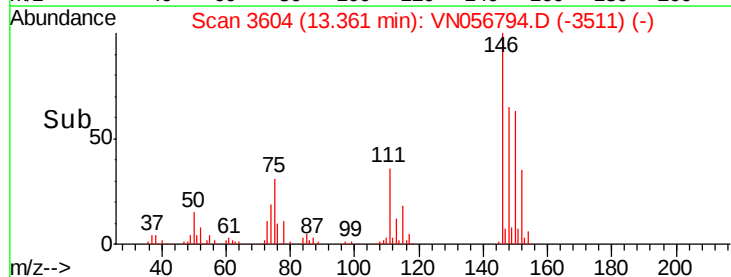
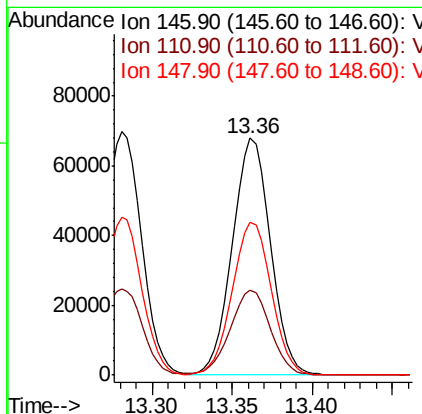
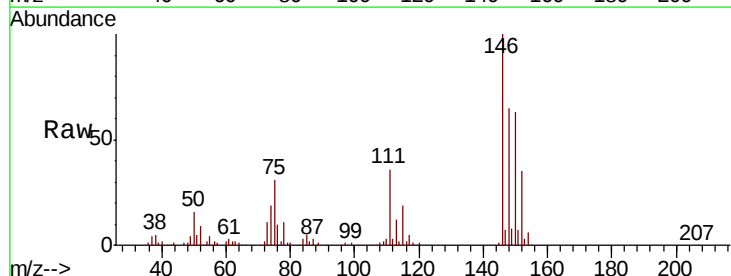
Instrument :  
 MSVOA\_N  
 ClientSampled :

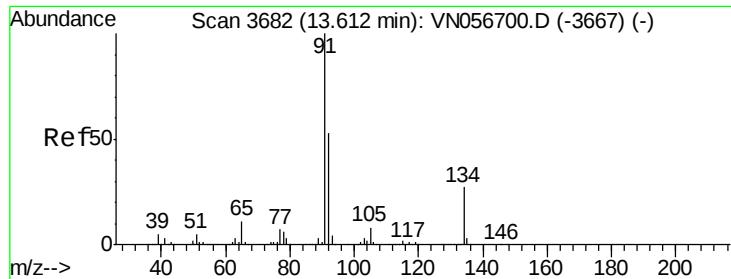
Tot Ion:146 Resp: 115719  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 18.8 56.3  
 148 64.2 32.3 96.8



#88  
 1,4-Dichlorobenzene  
 Concen: 18.264 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

Tgt Ion:146 Resp: 110386  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 18.6 55.8  
 148 66.1 31.9 95.7





#89

n-Butylbenzene

Concen: 18.223 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

ClientSampled :

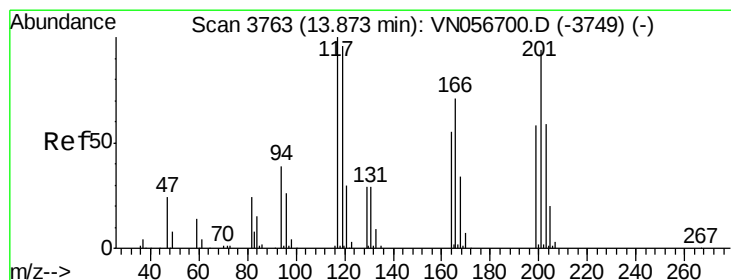
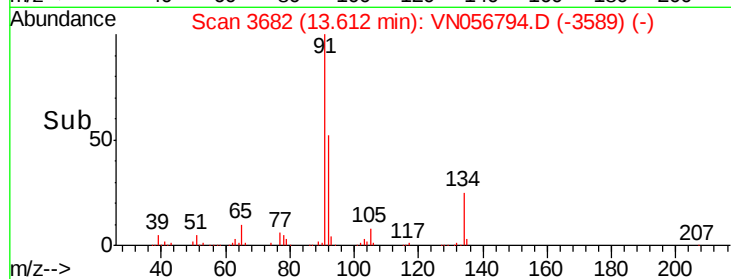
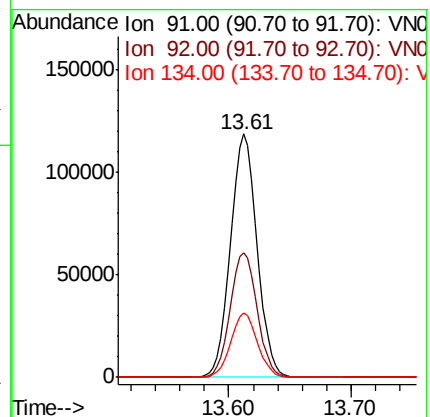
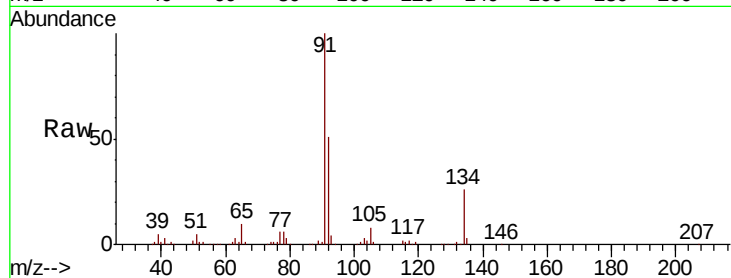
Tot Ion: 91 Resp: 181530

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

134 26.3 13.4 40.2



#90

Hexachloroethane

Concen: 18.508 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056794.D

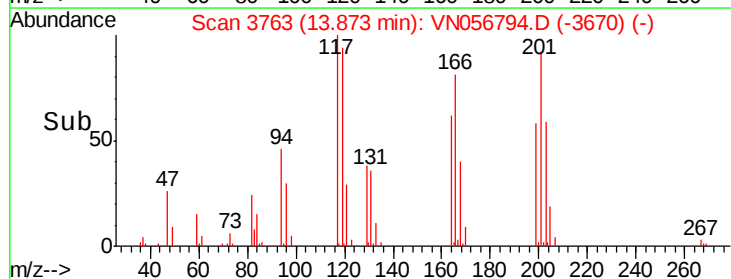
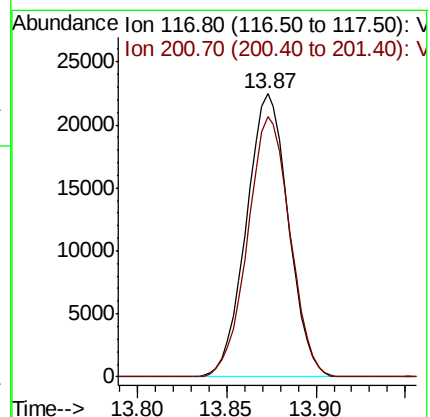
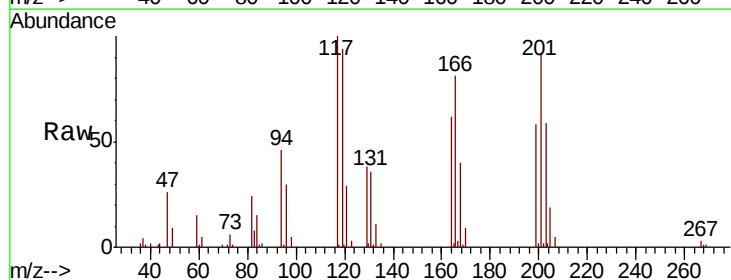
Acq: 17 Jul 2019 14:11

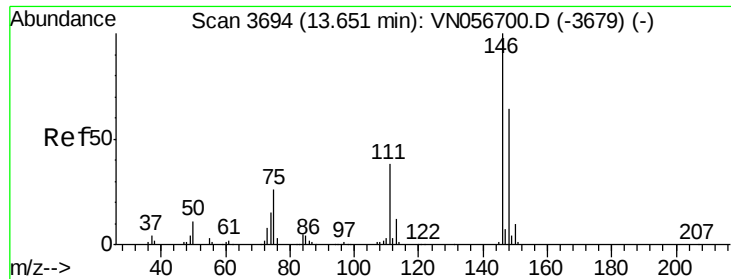
Tgt Ion: 117 Resp: 37013

Ion Ratio Lower Upper

117 100

201 92.3 46.5 139.5

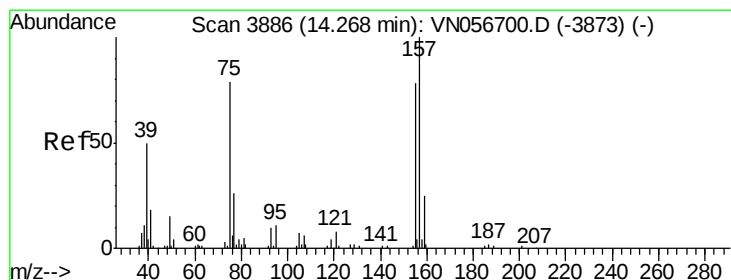
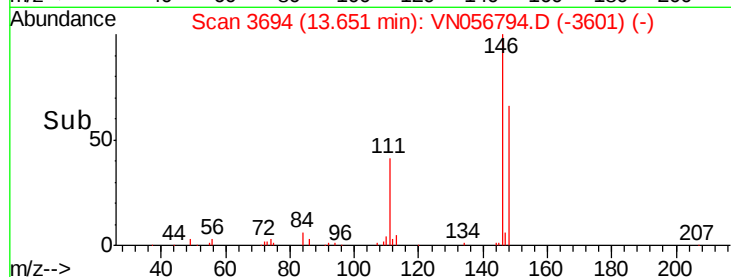
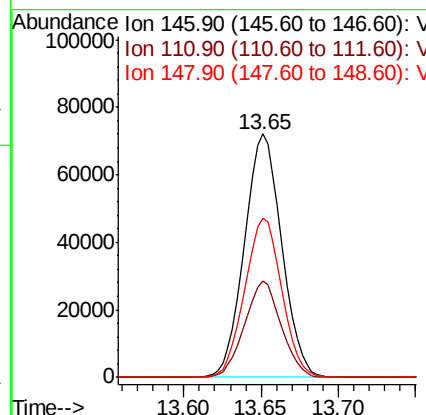
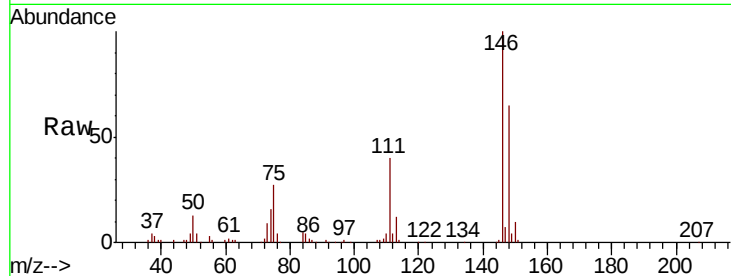




#91  
 1,2-Dichlorobenzene  
 Concen: 19.031 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

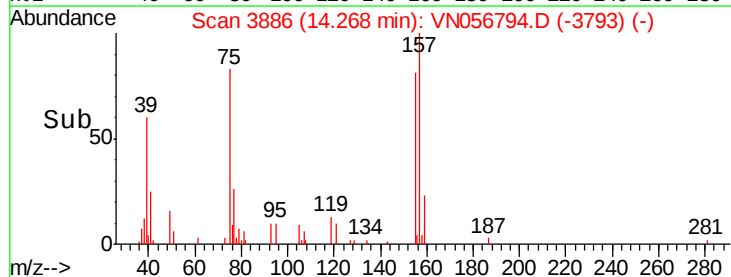
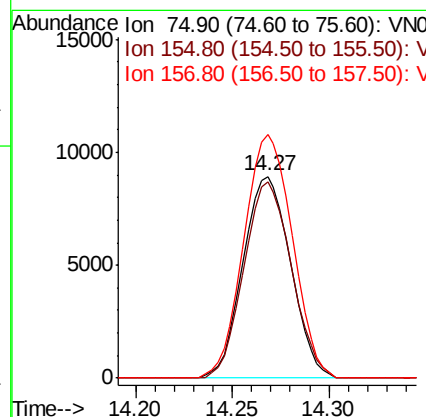
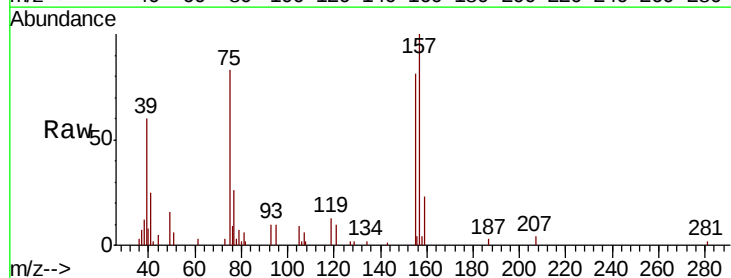
Instrument :  
 MSVOA\_N  
 ClientSampled :

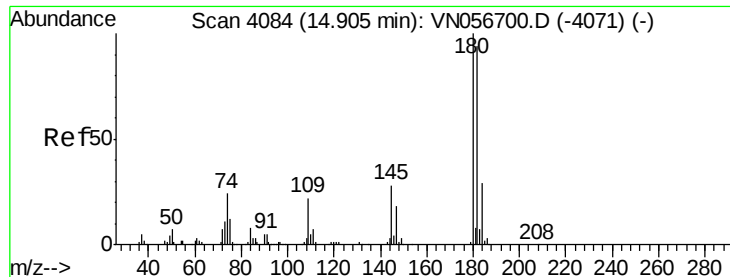
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.7  | 19.1  | 57.1  |
| 148     | 64.9  | 31.7  | 95.1  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.655 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 97.2  | 49.3  | 147.9 |
| 157     | 123.2 | 62.4  | 187.1 |

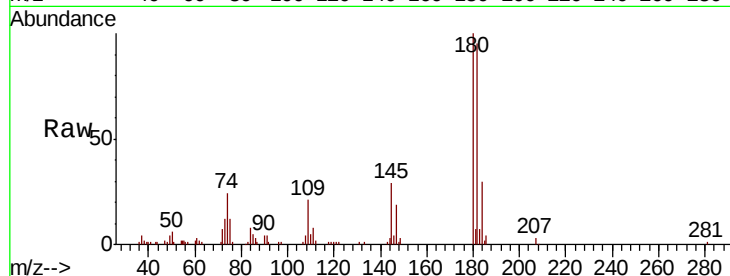




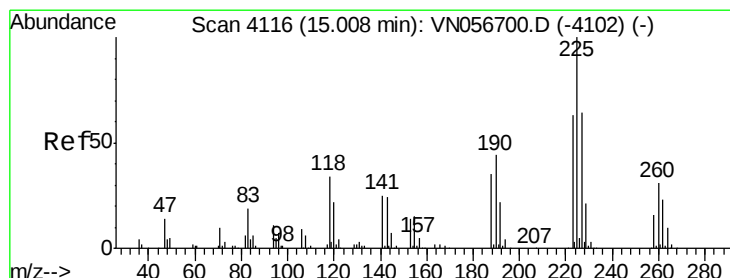
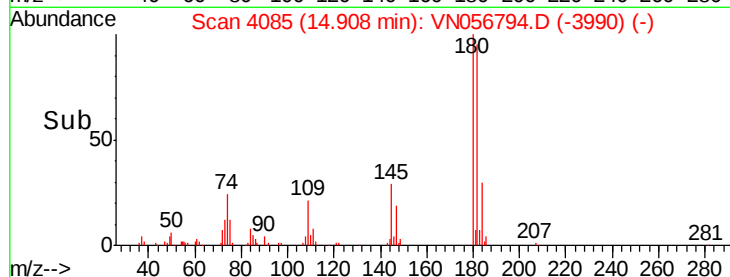
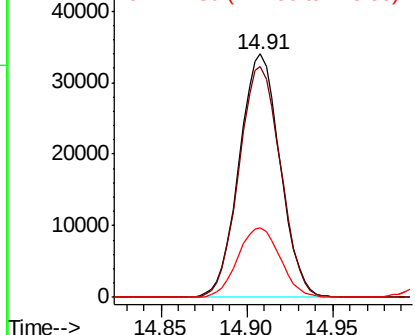
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.478 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:180 Resp: 56049  
 Ion Ratio Lower Upper  
 180 100  
 182 96.4 47.2 141.6  
 145 29.4 14.2 42.8

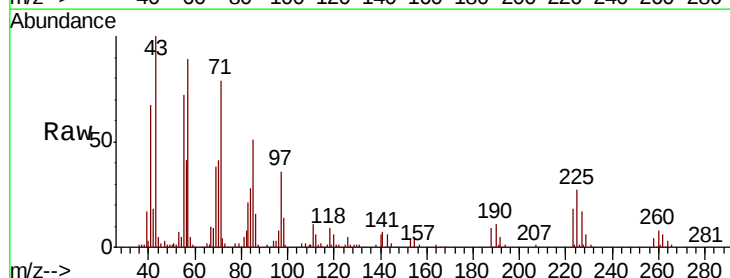


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

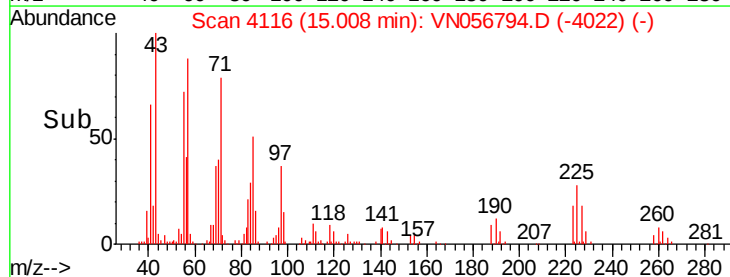
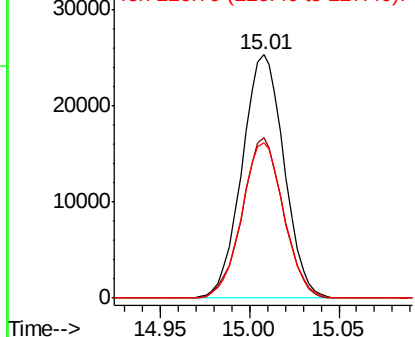


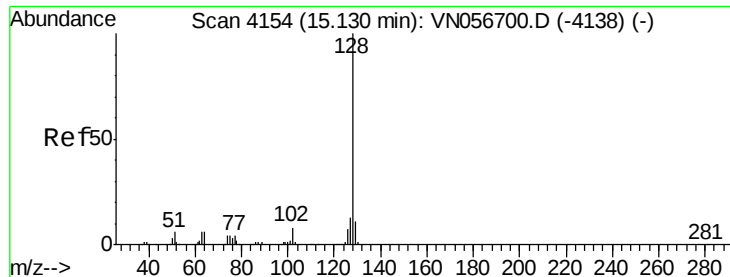
#94  
 Hexachlorobutadiene  
 Concen: 20.088 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN056794.D  
 Acq: 17 Jul 2019 14:11

Tgt Ion:225 Resp: 41648  
 Ion Ratio Lower Upper  
 225 100  
 223 64.1 31.5 94.5  
 227 63.7 32.0 96.2



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: 19.459 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

Instrument :

MSVOA\_N

ClientSampleId :

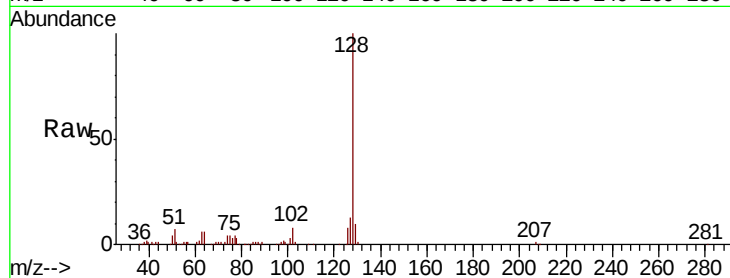
Tot Ion:128 Resp: 158153

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

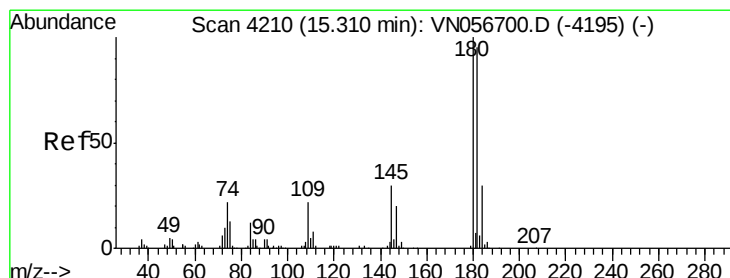
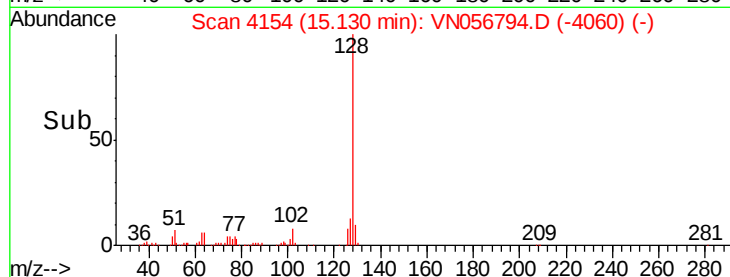
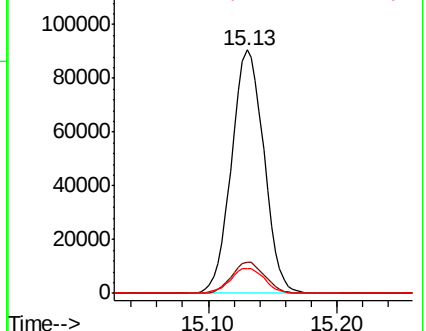
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.709 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN056794.D

Acq: 17 Jul 2019 14:11

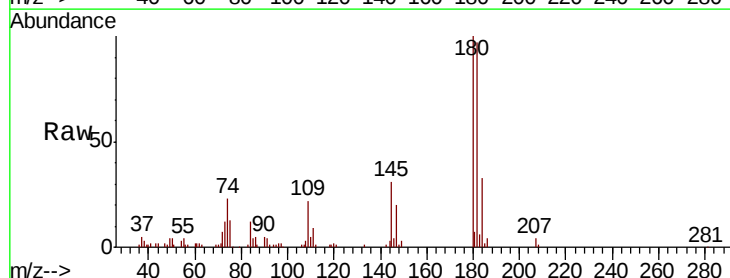
Tgt Ion:180 Resp: 61180

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.3

145 30.3 15.0 45.1



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

