

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\  
 Data File : VN061832.D  
 Acq On : 16 Jun 2020 17:50  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Jun 17 00:53:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 17 00:50:55 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 144070   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 257608   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 237763   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 103298   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 10161    | 5.84 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 11.68% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 8469     | 6.23 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 12.46% |          |
| 50) Toluene-d8              | 10.06 | 98   | 31788    | 5.23 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 10.46% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 10535    | 4.78 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.56%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 6451     | 4.151  | ug/l   | 96     |
| 3) Chloromethane              | 2.03 | 50   | 9067     | 5.012  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.16 | 62   | 11924    | 4.918  | ug/l   | 96     |
| 5) Bromomethane               | 2.52 | 94   | 10488    | 7.207  | ug/l   | 98     |
| 6) Chloroethane               | 2.66 | 64   | 8351     | 5.304  | ug/l   | 91     |
| 7) Trichlorofluoromethane     | 2.98 | 101  | 13932    | 4.515  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.37 | 74   | 5126     | 5.310  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101  | 8233     | 5.867  | ug/l   | 95     |
| 10) Methyl Iodide             | 3.91 | 142  | 5221     | 2.786  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 4.72 | 59   | 3999     | 16.968 | ug/l # | 74     |
| 12) 1,1-Dichloroethene        | 3.69 | 96   | 7403     | 4.965  | ug/l   | 93     |
| 13) Acrolein                  | 3.57 | 56   | 4720     | 45.092 | ug/l   | 96     |
| 14) Allyl chloride            | 4.27 | 41   | 9980     | 5.121  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.93 | 53   | 16945    | 26.258 | ug/l # | 87     |
| 16) Acetone                   | 3.78 | 43   | 15653    | 25.427 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.01 | 76   | 19711    | 5.694  | ug/l   | 95     |
| 18) Methyl Acetate            | 4.28 | 43   | 8906     | 5.658  | ug/l # | 76     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73   | 25660    | 5.086  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.50 | 84   | 10402    | 4.871  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 4.98 | 96   | 8592     | 5.095  | ug/l   | 90     |
| 22) Diisopropyl ether         | 5.90 | 45   | 23244    | 5.427  | ug/l   | 92     |
| 23) Vinyl Acetate             | 5.85 | 43   | 87426    | 25.647 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 5.80 | 63   | 15872    | 5.804  | ug/l   | 97     |
| 25) 2-Butanone                | 6.79 | 43   | 20940    | 25.463 | ug/l   | 93     |
| 26) 2,2-Dichloropropane       | 6.78 | 77   | 12954    | 5.226  | ug/l   | 86     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96   | 10129    | 5.339  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.15 | 49   | 6676     | 5.588  | ug/l # | 99     |
| 29) Tetrahydrofuran           | 7.17 | 42   | 13853    | 25.603 | ug/l   | 99     |
| 30) Chloroform                | 7.33 | 83   | 16464    | 5.482  | ug/l   | 100    |
| 31) Cyclohexane               | 7.62 | 56   | 14289    | 5.857  | ug/l # | 86     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97   | 13944    | 5.143  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75   | 11379    | 4.934  | ug/l   | 97     |
| 37) Ethyl Acetate             | 6.88 | 43   | 8808     | 4.791  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.73 | 117  | 12301    | 5.538  | ug/l   | 92     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\  
 Data File : VN061832.D  
 Acq On : 16 Jun 2020 17:50  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Jun 17 00:53:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 17 00:50:55 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.04  | 83   | 11442    | 4.093   | ug/l   | 93       |
| 40) Benzene                    | 8.00  | 78   | 36580    | 5.154   | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.13  | 41   | 4004     | 4.755   | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 12406    | 5.199   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.12  | 43   | 15418    | 4.675   | ug/l # | 88       |
| 44) Trichloroethene            | 8.80  | 130  | 9611     | 4.545   | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 9.09  | 63   | 9344     | 5.509   | ug/l   | 99       |
| 46) Dibromomethane             | 9.17  | 93   | 6358     | 4.948   | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.37  | 83   | 12944    | 5.084   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.17  | 41   | 6971     | 4.681   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 3192     | 127.499 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 45194    | 24.221  | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 22492    | 4.872   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 13128    | 4.791   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 13942    | 4.712   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 9068     | 4.940   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 10392    | 4.085   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 15496    | 5.245   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 22058    | 20.622  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 30295    | 22.606  | ug/l   | 96       |
| 60) Dibromochloromethane       | 10.87 | 129  | 9801     | 4.748   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 9504     | 4.986   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 7898     | 3.712   | ug/l   | 95       |
| 65) Chlorobenzene              | 11.41 | 112  | 25755    | 5.194   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 9009     | 4.909   | ug/l   | 93       |
| 67) Ethyl Benzene              | 11.48 | 91   | 40666    | 4.735   | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.60 | 106  | 31567    | 9.303   | ug/l   | 100      |
| 69) o-Xylene                   | 11.92 | 106  | 14859    | 4.605   | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 23410    | 4.376   | ug/l   | 98       |
| 71) Bromoform                  | 12.10 | 173  | 5862     | 4.191   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 38559    | 5.080   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.05 | 43   | 11037    | 4.612   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 13067    | 6.050   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 16060    | 8.448   | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 9948     | 5.183   | ug/l   | 98       |
| 78) n-propylbenzene            | 12.57 | 91   | 42271    | 4.978   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 26197    | 5.176   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 31420    | 4.960   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 3460     | 4.686   | ug/l   | 88       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 26349    | 4.956   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 27112    | 4.868   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 30245    | 4.806   | ug/l   | 97       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 35121    | 4.891   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 30047    | 4.557   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 17104    | 4.997   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 18196    | 5.224   | ug/l   | 94       |
| 89) n-Butylbenzene             | 13.59 | 91   | 23621    | 4.289   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.85 | 117  | 5740     | 7.166   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 18069    | 5.516   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 2019     | 4.701   | ug/l   | 95       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\  
Data File : VN061832.D  
Acq On : 16 Jun 2020 17:50  
Operator : JC/MD  
Sample : VSTDICC005  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 4 Sample Multiplier: 1

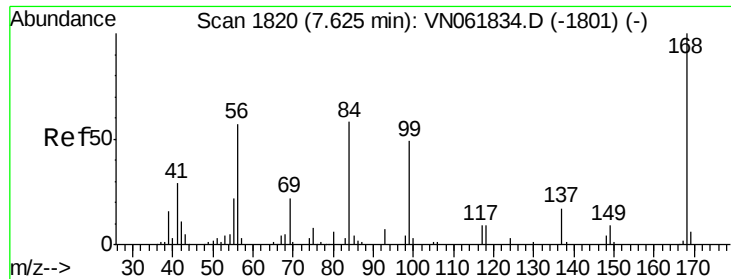
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Quant Time: Jun 17 00:53:05 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061620W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 17 00:50:55 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.89 | 180  | 6889     | 3.717 | ug/l  | 93       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 3236     | 4.106 | ug/l  | 95       |
| 95) Naphthalene            | 15.10 | 128  | 17730    | 3.182 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 6582     | 3.611 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

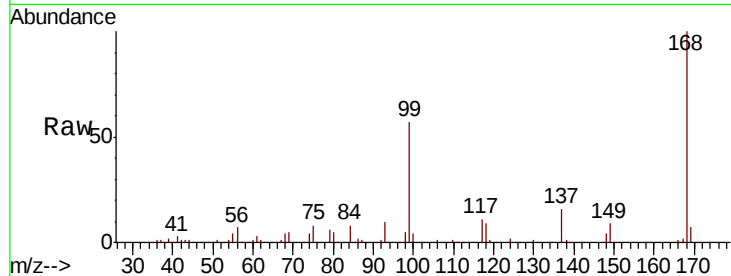
VSTDIC005

Tot Ion:168 Resp: 144070

Ion Ratio Lower Upper

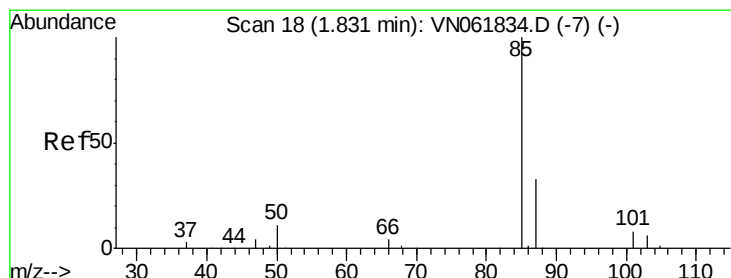
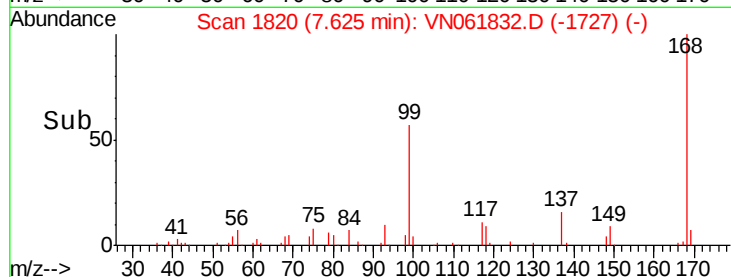
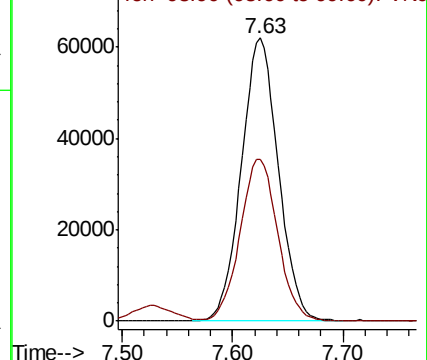
168 100

99 57.0 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 4.151 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061832.D

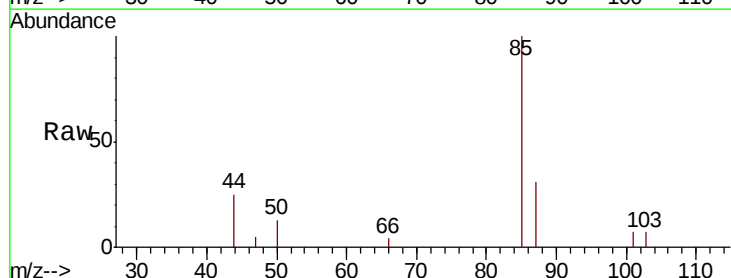
Acq: 16 Jun 2020 17:50

Tgt Ion: 85 Resp: 6451

Ion Ratio Lower Upper

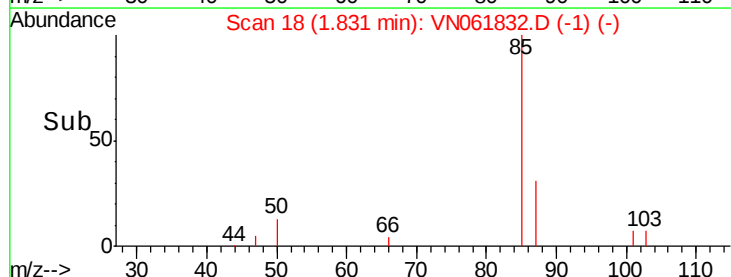
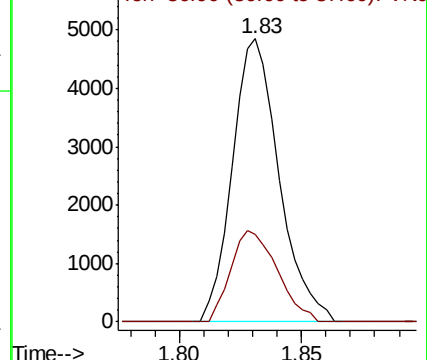
85 100

87 30.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

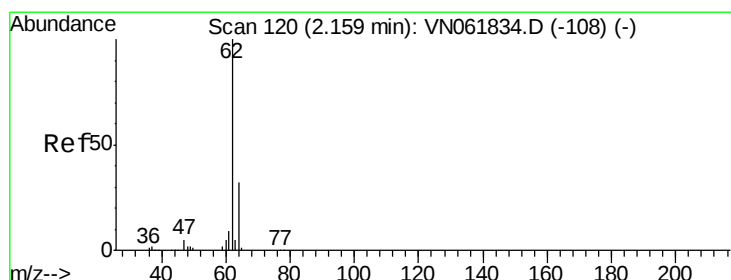
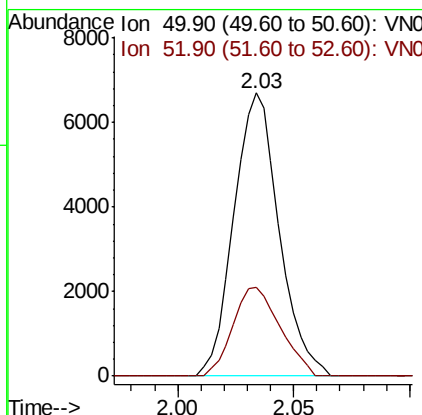
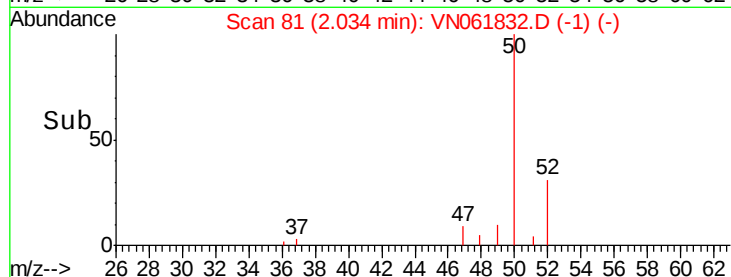
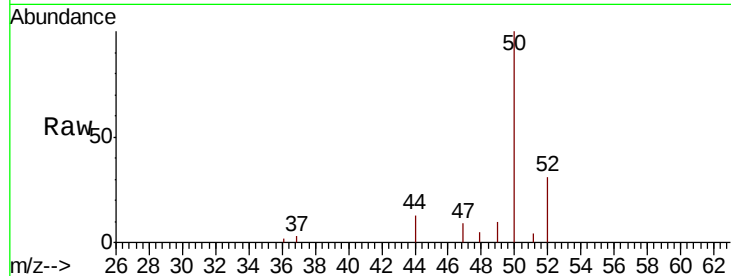




#3  
 Chloromethane  
 Concen: 5.012 ug/l  
 RT: 2.03 min Scan# 81  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

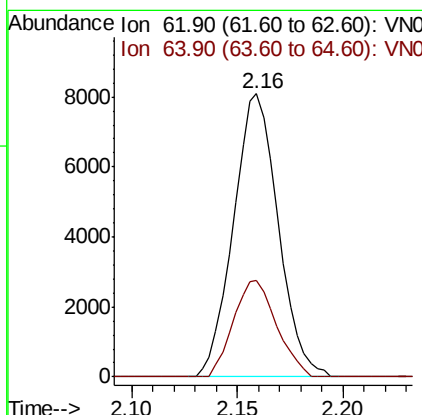
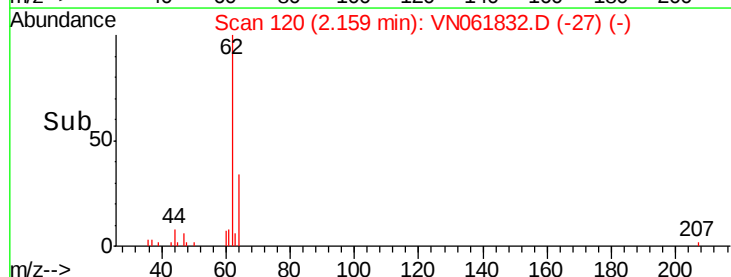
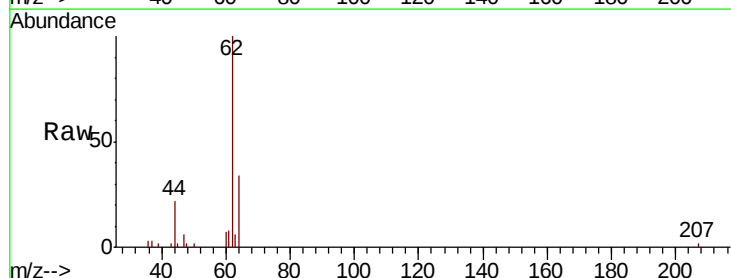
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

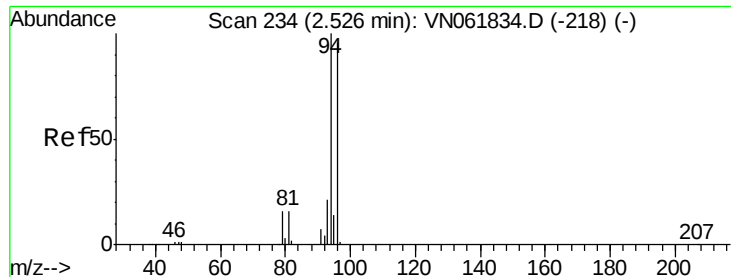
Tot Ion: 50 Resp: 9067  
 Ion Ratio Lower Upper  
 50 100  
 52 31.4 26.0 39.0



#4  
 Vinyl Chloride  
 Concen: 4.918 ug/l  
 RT: 2.16 min Scan# 120  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Tgt Ion: 62 Resp: 11924  
 Ion Ratio Lower Upper  
 62 100  
 64 34.2 25.5 38.3





#5

Bromomethane

Concen: 7.207 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

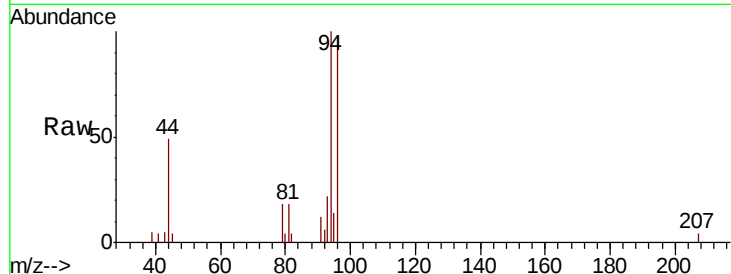
VSTDIC005

Tot Ion: 94 Resp: 10488

Ion Ratio Lower Upper

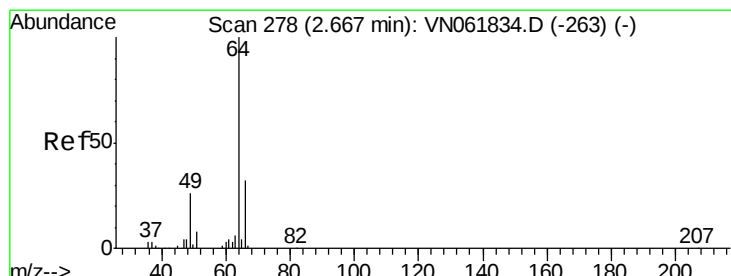
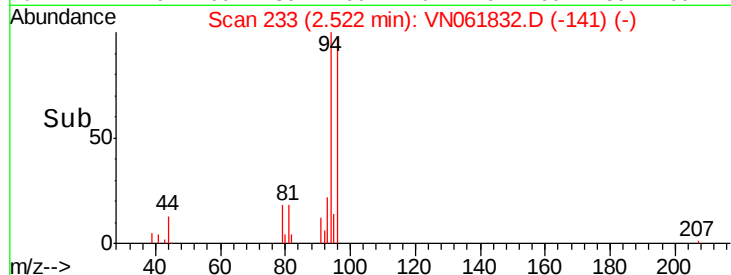
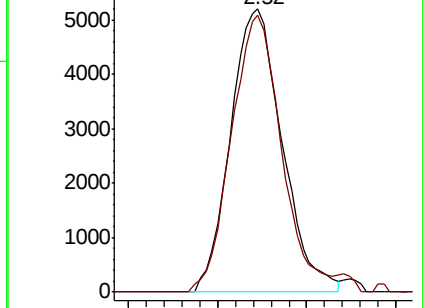
94 100

96 97.8 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN061832.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061832.D (-218) (-)



#6

Chloroethane

Concen: 5.304 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN061832.D

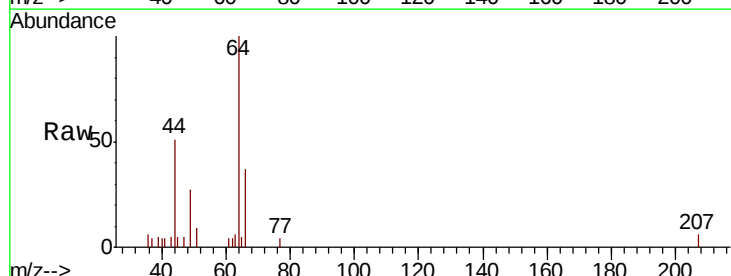
Acq: 16 Jun 2020 17:50

Tgt Ion: 64 Resp: 8351

Ion Ratio Lower Upper

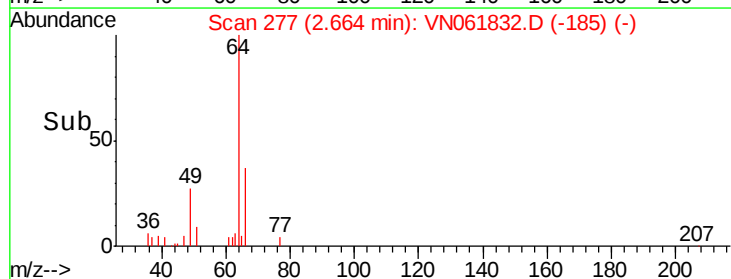
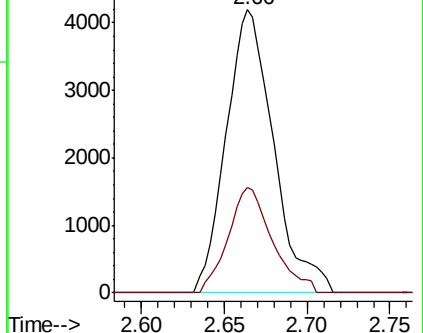
64 100

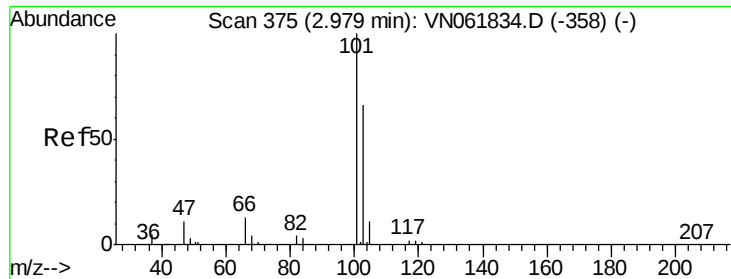
66 37.1 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN061832.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061832.D (-263) (-)



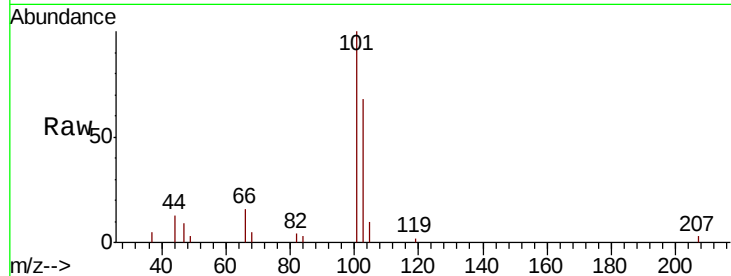


#7

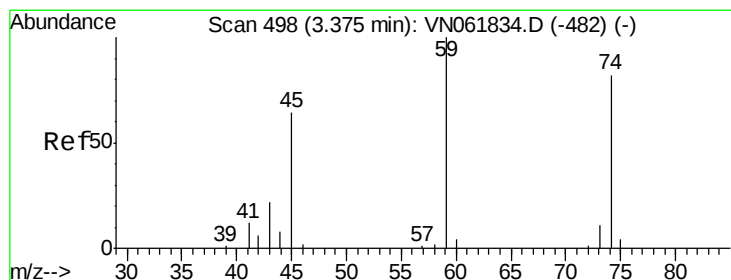
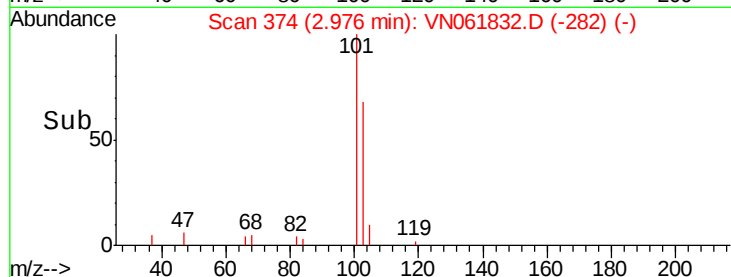
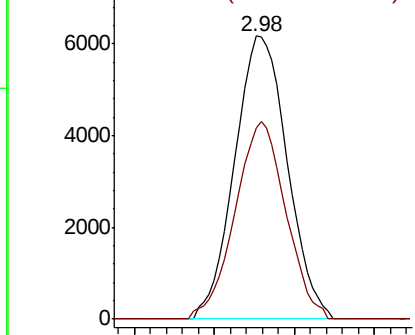
Trichlorofluoromethane  
Concen: 4.515 ug/l  
RT: 2.98 min Scan# 374  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion:101 Resp: 13932  
Ion Ratio Lower Upper  
101 100  
103 67.6 52.8 79.2



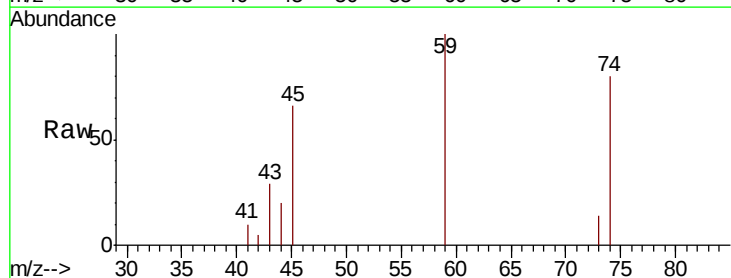
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



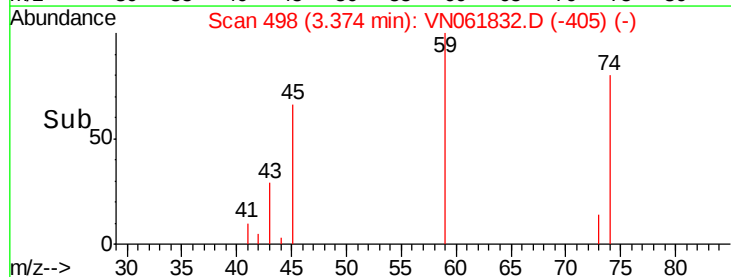
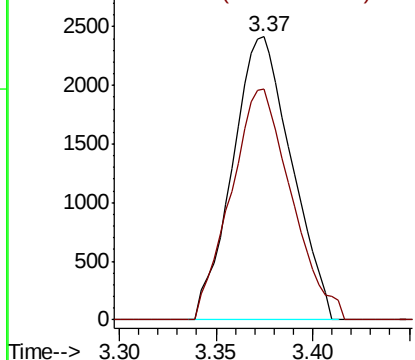
#8

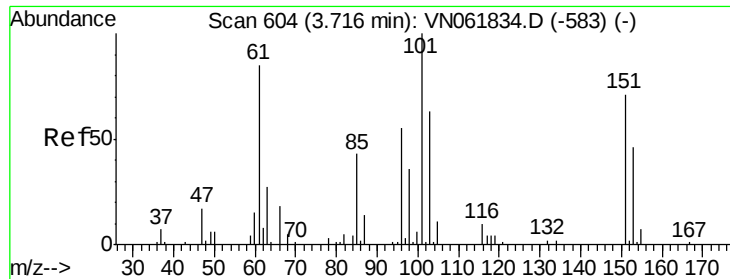
Diethyl Ether  
Concen: 5.310 ug/l  
RT: 3.37 min Scan# 498  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion: 74 Resp: 5126  
Ion Ratio Lower Upper  
74 100  
45 83.5 39.1 117.3



Abundance Ion 74.00 (73.70 to 74.70): VNO  
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.867 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

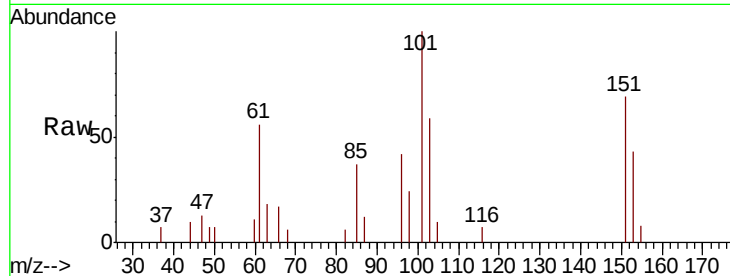
Tot Ion:101 Resp: 8233

Ion Ratio Lower Upper

101 100

85 38.9 35.0 52.6

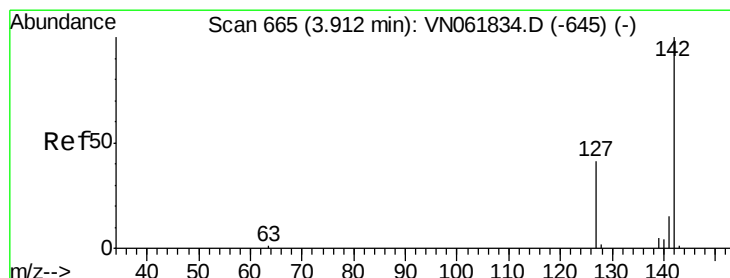
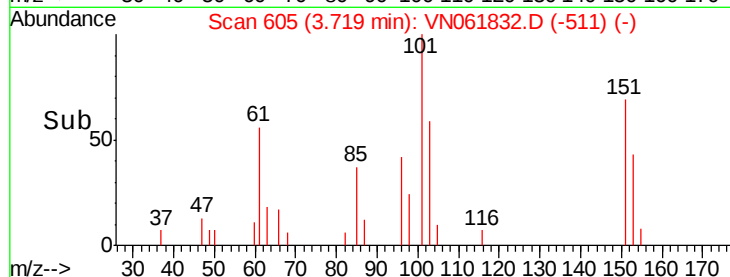
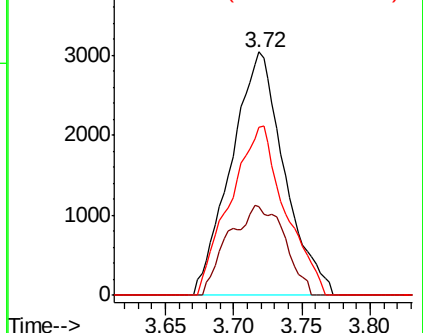
151 71.6 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.786 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

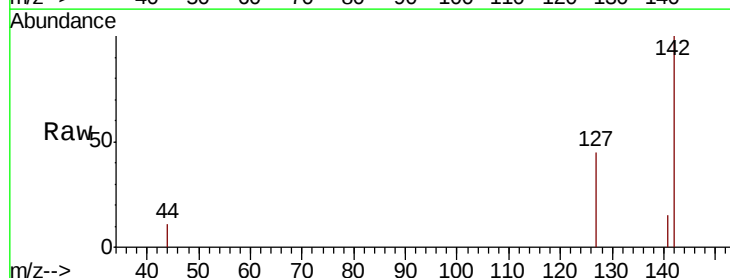
Tgt Ion:142 Resp: 5221

Ion Ratio Lower Upper

142 100

127 40.4 33.4 50.0

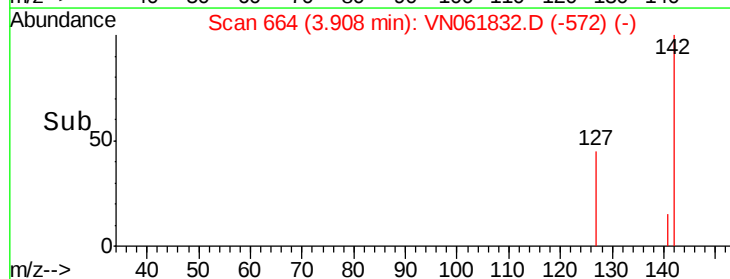
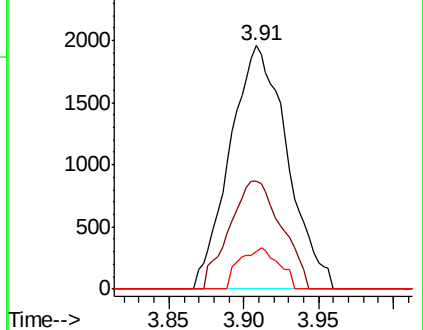
141 11.6 11.3 16.9

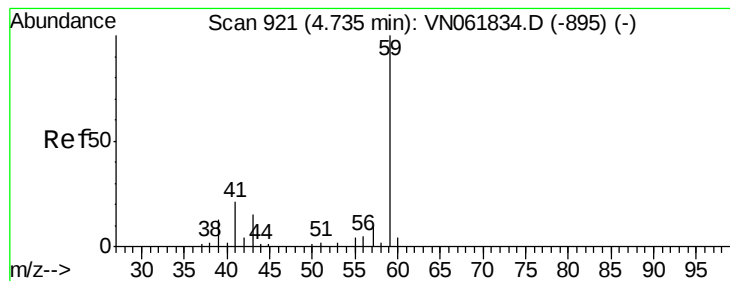


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



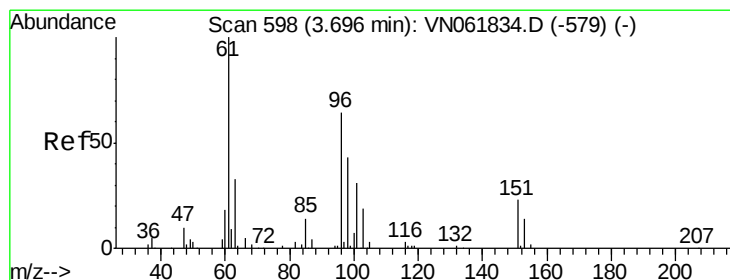
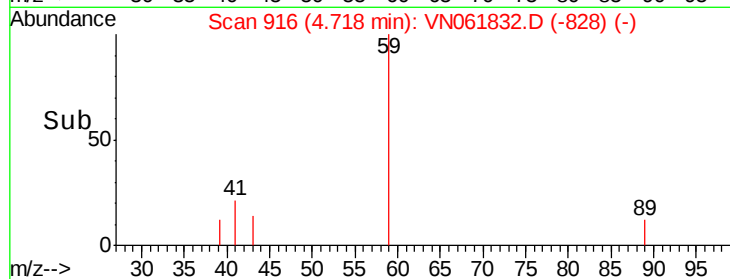
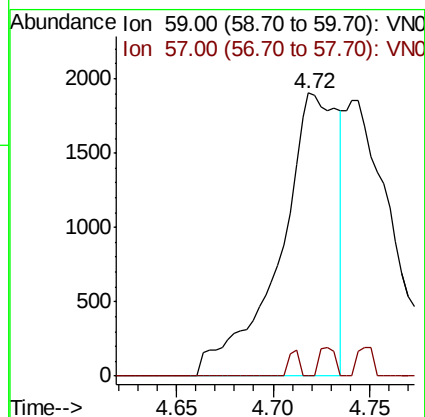
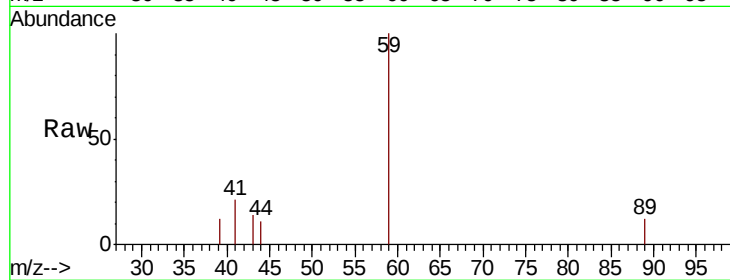


#11

Tert butyl alcohol  
 Concen: 16.968 ug/l  
 RT: 4.72 min Scan# 916  
 Delta R.T. -0.02 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

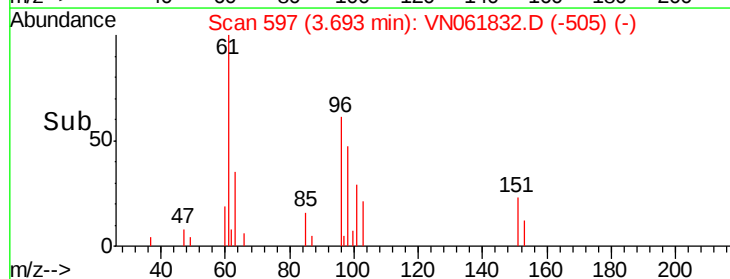
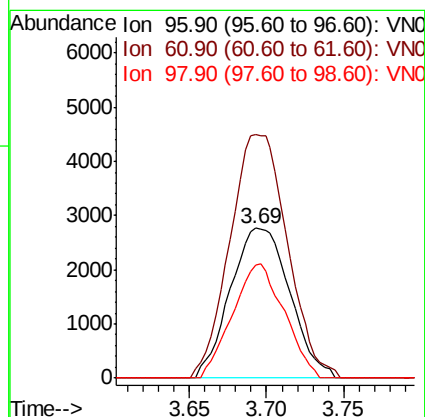
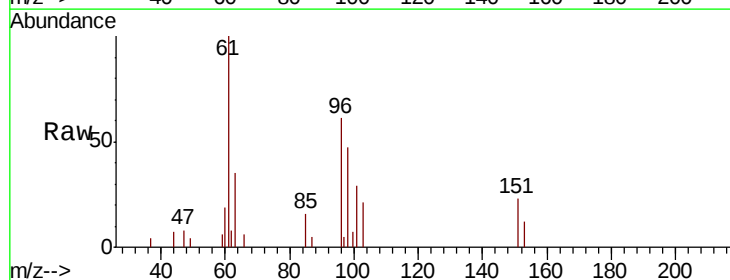
Tot Ion: 59 Resp: 3999  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 7.7 11.5#

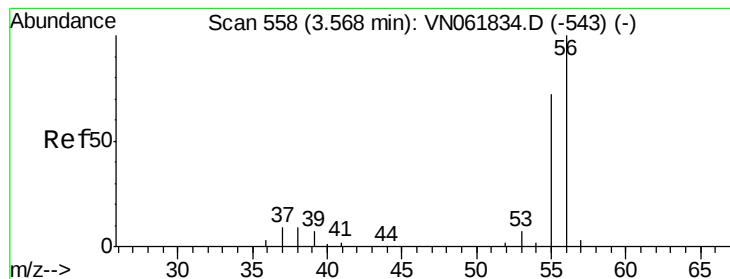


#12

1,1-Dichloroethene  
 Concen: 4.965 ug/l  
 RT: 3.69 min Scan# 597  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Tgt Ion: 96 Resp: 7403  
 Ion Ratio Lower Upper  
 96 100  
 61 162.7 124.3 186.5  
 98 75.9 53.1 79.7





#13

Acrolein

Concen: 45.092 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

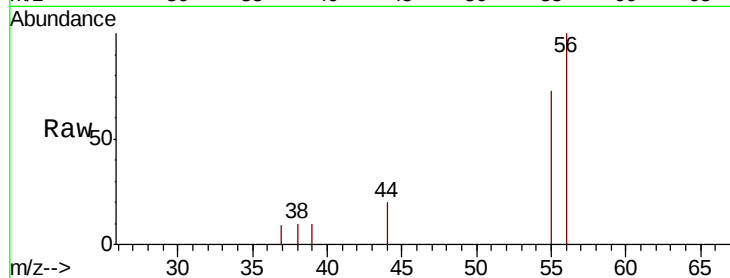
VSTDIC005

Tot Ion: 56 Resp: 4720

Ion Ratio Lower Upper

56 100

55 73.5 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061832.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061832.D (-543) (-)

3.57

2000

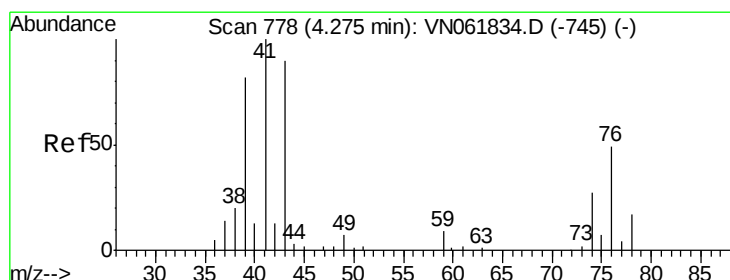
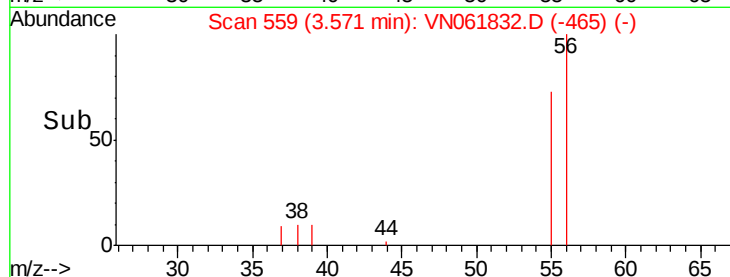
1500

1000

500

0

Time-->



#14

Allyl chloride

Concen: 5.121 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

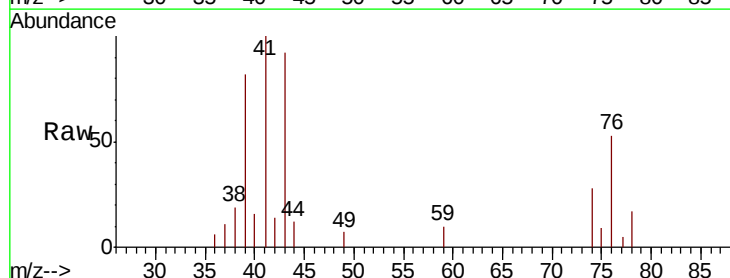
Tgt Ion: 41 Resp: 9980

Ion Ratio Lower Upper

41 100

39 78.5 60.2 90.2

76 45.5 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061832.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061832.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061832.D (-685) (-)

4.27

4000

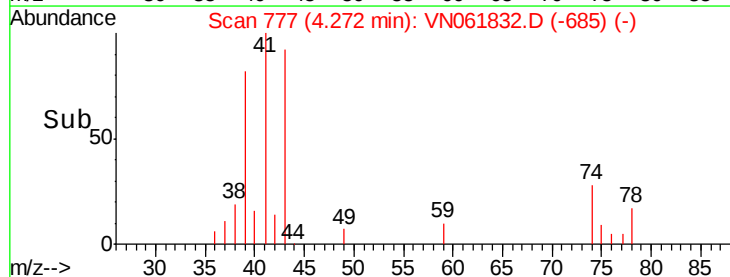
3000

2000

1000

0

Time-->





#15

Acrylonitrile

Concen: 26.258 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

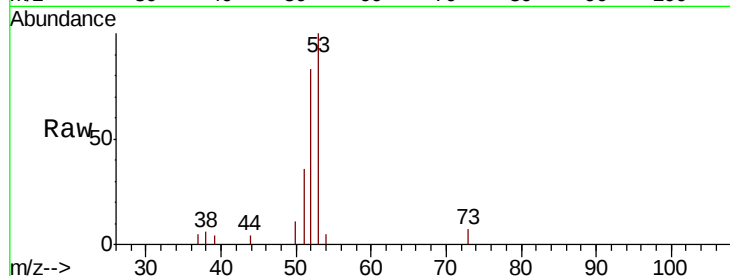
Tot Ion: 53 Resp: 16945

Ion Ratio Lower Upper

53 100

52 84.7 65.2 97.8

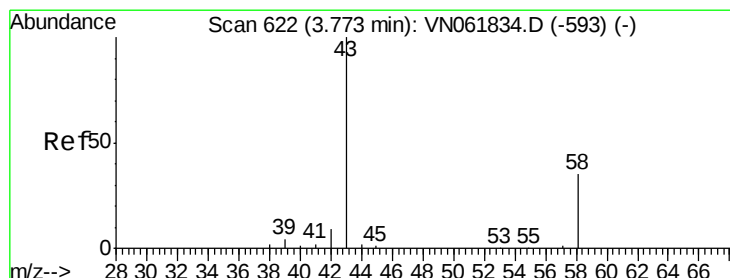
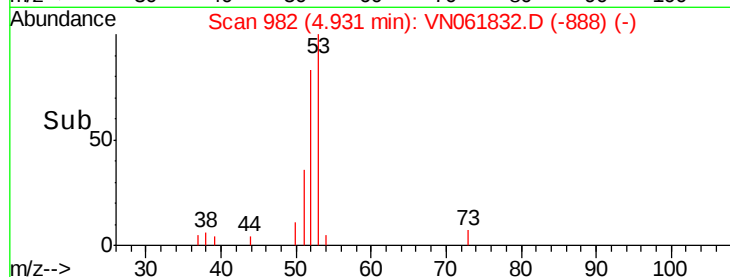
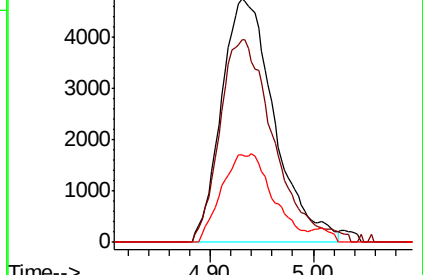
51 16.9 29.3 43.9#



Abundance Ion 53.00 (52.70 to 53.70): VN061832.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN061832.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN061832.D (-888) (-)



#16

Acetone

Concen: 25.427 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061832.D

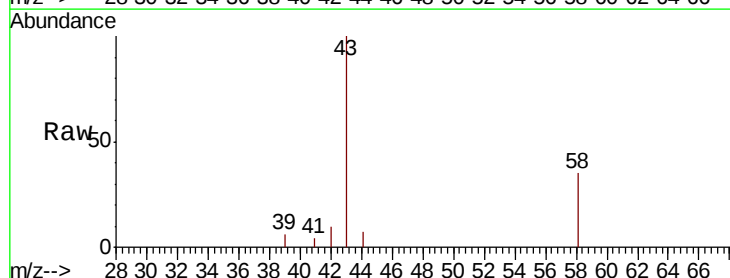
Acq: 16 Jun 2020 17:50

Tgt Ion: 43 Resp: 15653

Ion Ratio Lower Upper

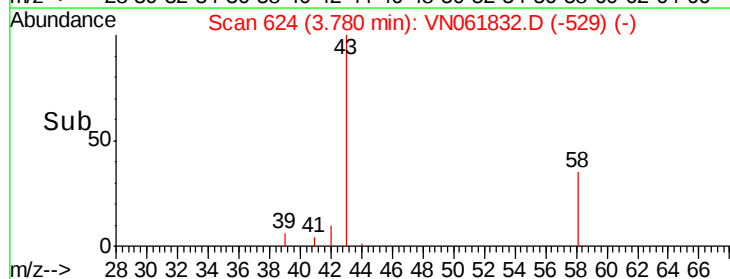
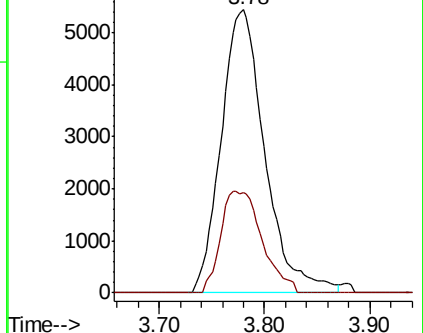
43 100

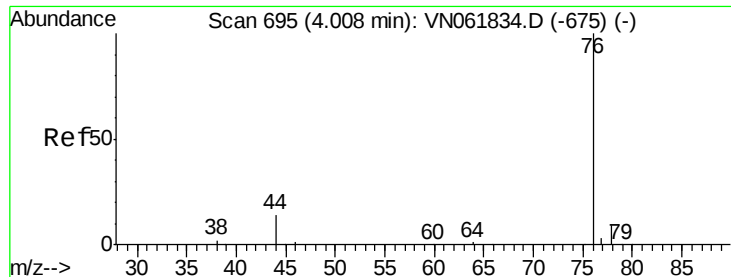
58 35.4 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061832.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061832.D (-529) (-)

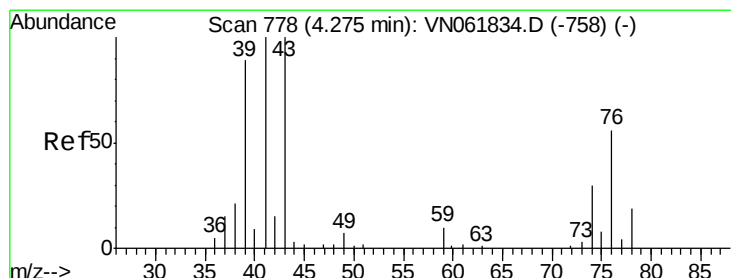
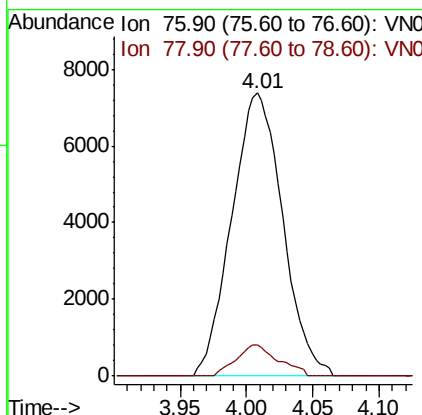
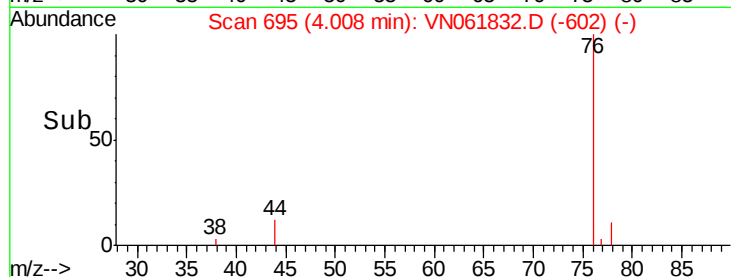
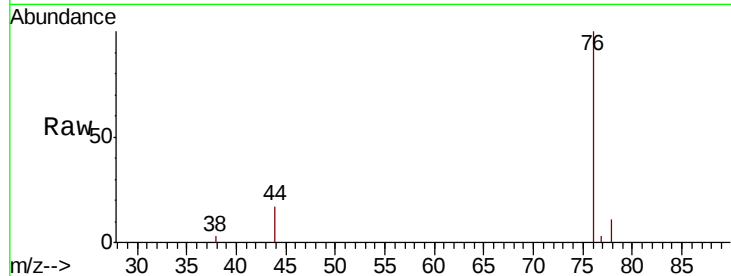




#17  
Carbon Disulfide  
Concen: 5.694 ug/l  
RT: 4.01 min Scan# 695  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

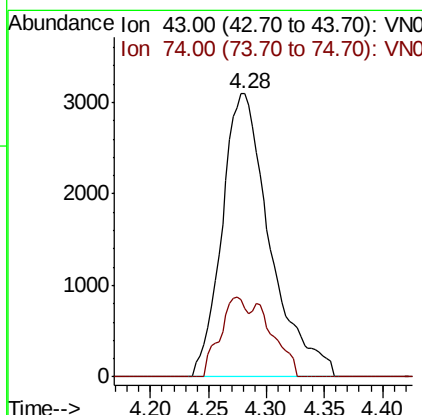
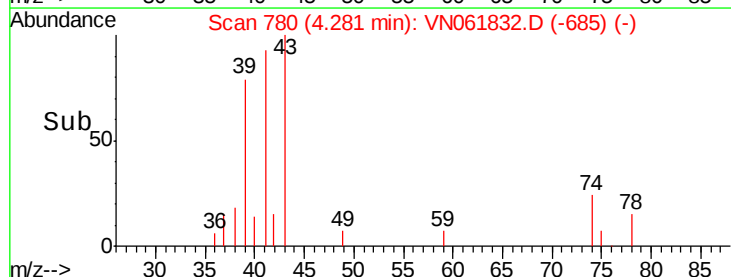
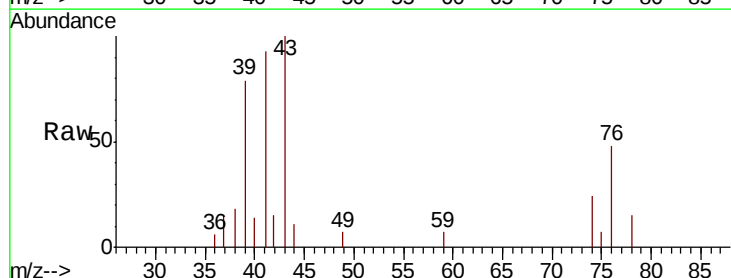
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

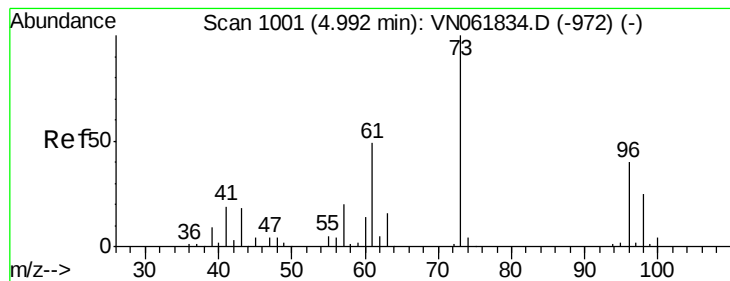
Tot Ion: 76 Resp: 19711  
Ion Ratio Lower Upper  
76 100  
78 10.9 7.3 10.9



#18  
Methyl Acetate  
Concen: 5.658 ug/l  
RT: 4.28 min Scan# 780  
Delta R.T. 0.01 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion: 43 Resp: 8906  
Ion Ratio Lower Upper  
43 100  
74 15.8 23.0 34.4#



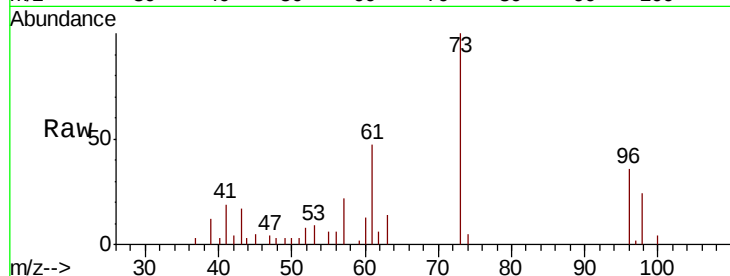


#19

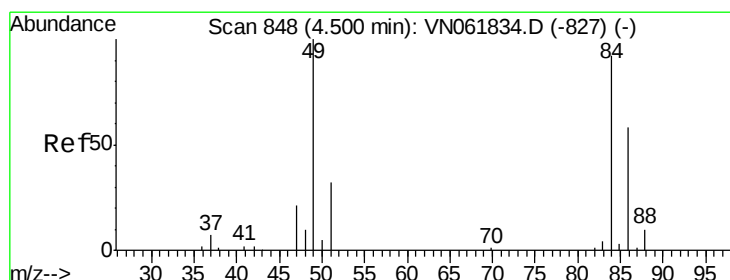
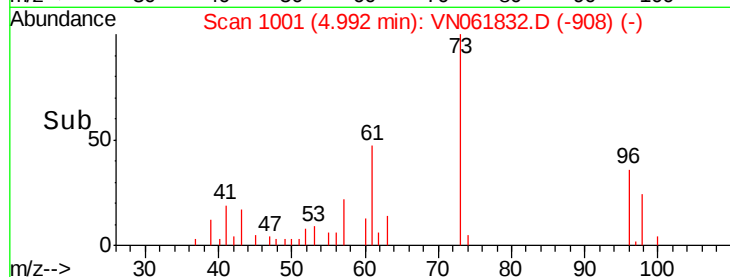
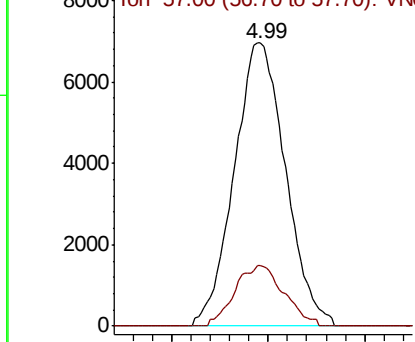
Methyl tert-butyl Ether  
 Concen: 5.086 ug/l  
 RT: 4.99 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 73 Resp: 25660  
 Ion Ratio Lower Upper  
 73 100  
 57 21.5 16.2 24.4



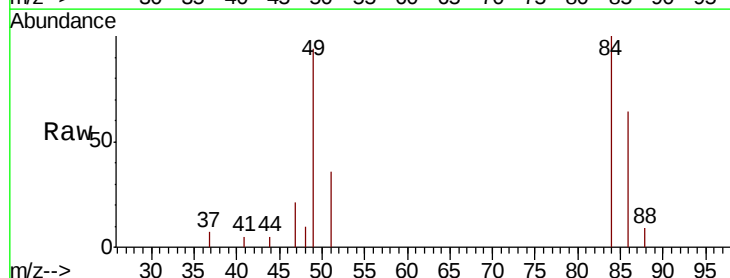
Abundance Ion 73.00 (72.70 to 73.70): VN061834.D (-972) (-)  
 Ion 57.00 (56.70 to 57.70): VN061834.D (-972) (-)



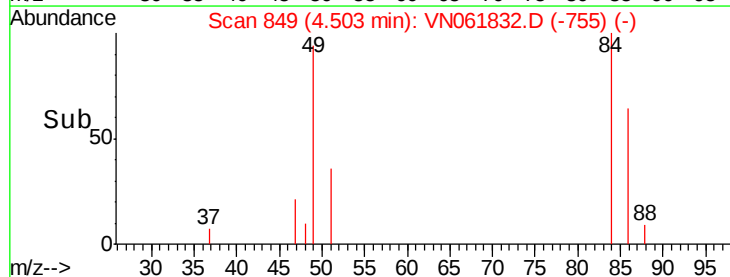
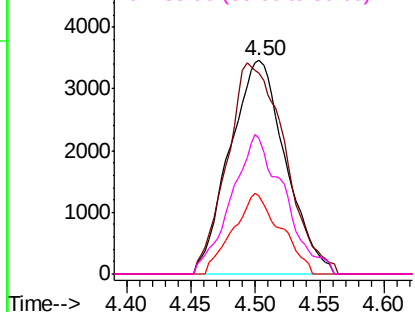
#20

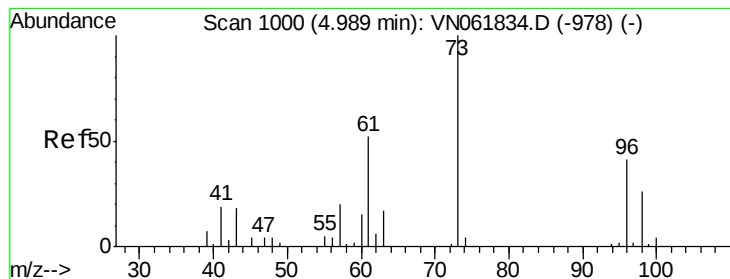
Methylene Chloride  
 Concen: 4.871 ug/l  
 RT: 4.50 min Scan# 848  
 Delta R.T. 0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Tgt Ion: 84 Resp: 10402  
 Ion Ratio Lower Upper  
 84 100  
 49 94.0 87.0 130.4  
 51 36.3 27.8 41.6  
 86 63.6 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VN061834.D (-827) (-)  
 Ion 48.90 (48.60 to 49.60): VN061834.D (-827) (-)  
 Ion 50.90 (50.60 to 51.60): VN061834.D (-827) (-)  
 Ion 85.90 (85.60 to 86.60): VN061834.D (-827) (-)





#21

trans-1,2-Dichloroethene

Concen: 5.095 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

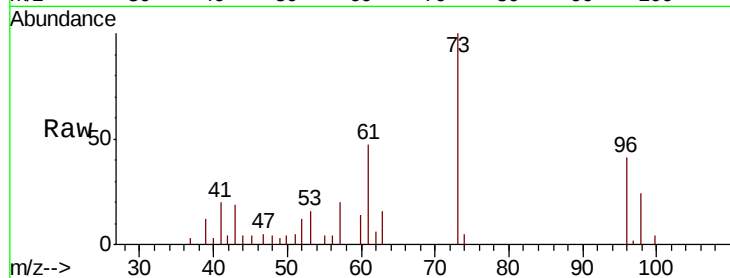
Tot Ion: 96 Resp: 8592

Ion Ratio Lower Upper

96 100

61 114.8 102.2 153.4

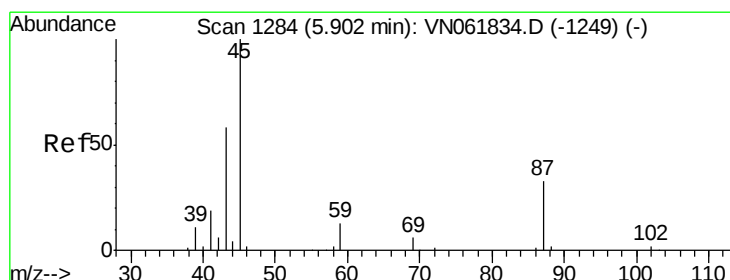
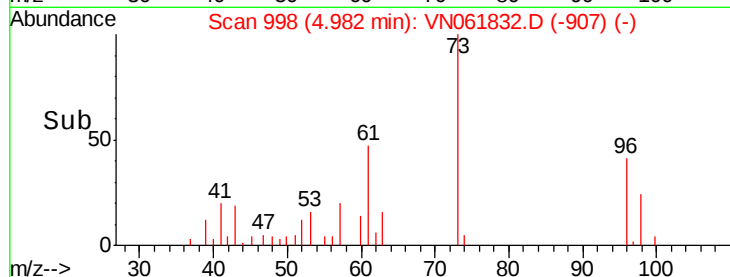
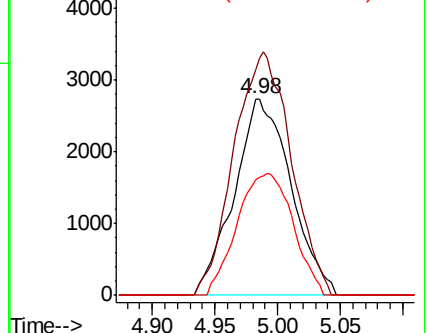
98 58.6 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN061832.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN061832.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN061832.D (-907) (-)



#22

Diisopropyl ether

Concen: 5.427 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Tgt Ion: 45 Resp: 23244

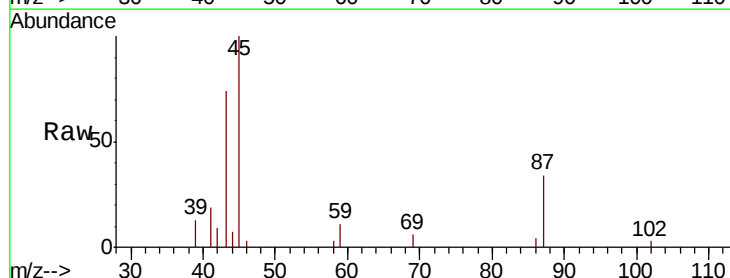
Ion Ratio Lower Upper

45 100

43 71.2 49.4 74.2

87 34.0 27.4 41.0

59 11.1 10.6 15.8

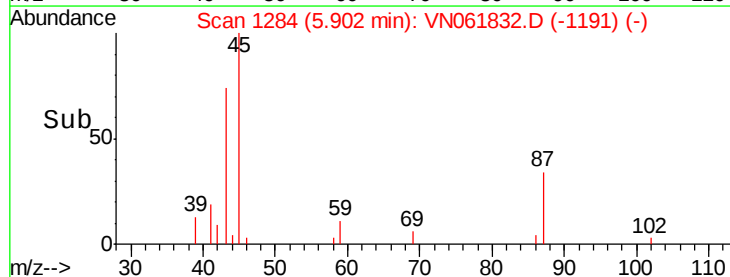
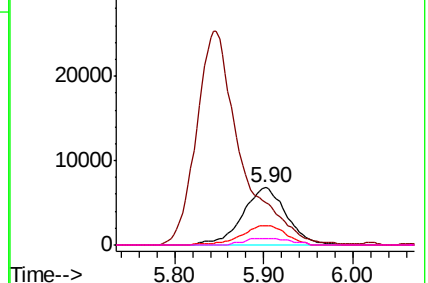


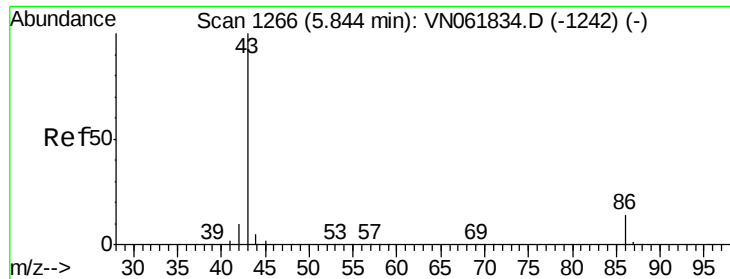
Abundance Ion 45.00 (44.70 to 45.70): VN061832.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061832.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061832.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061832.D (-1191) (-)

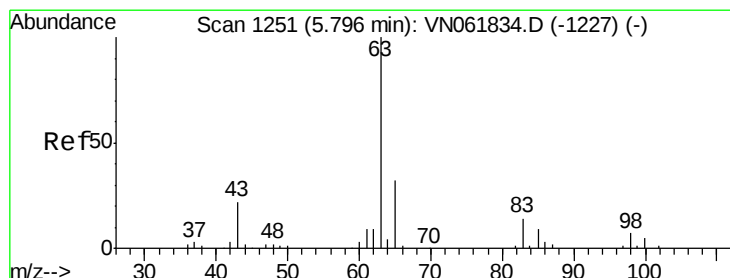
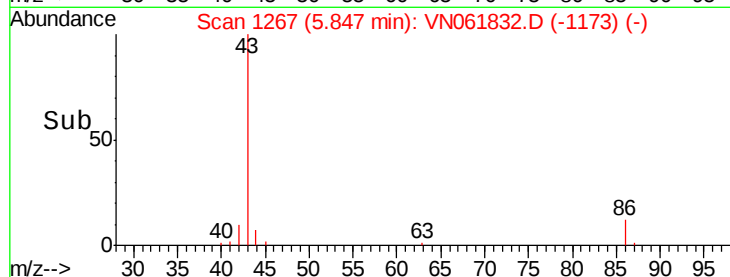
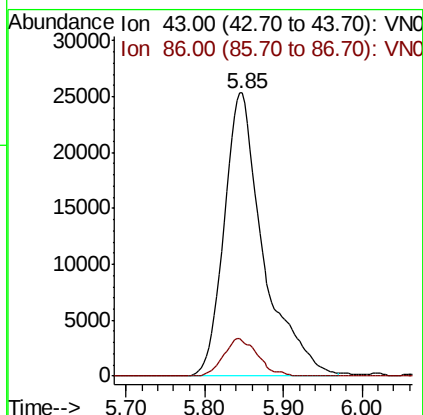
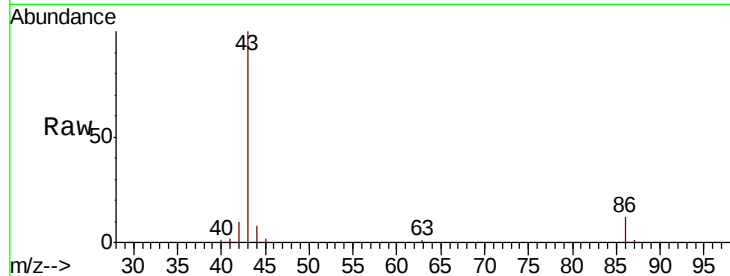




#23  
 Vinyl Acetate  
 Concen: 25.647 ug/l  
 RT: 5.85 min Scan# 1267  
 Delta R.T. 0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

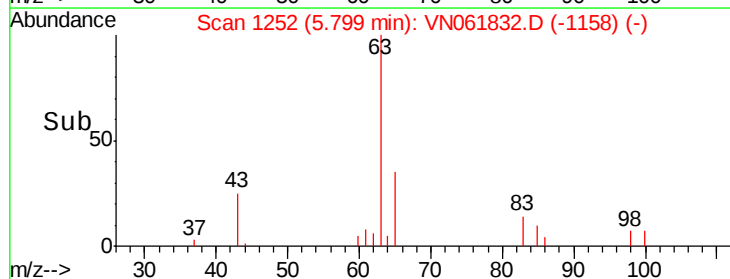
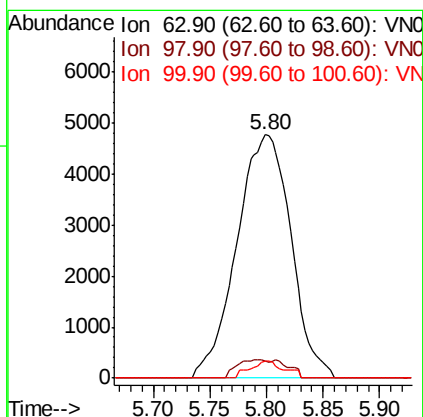
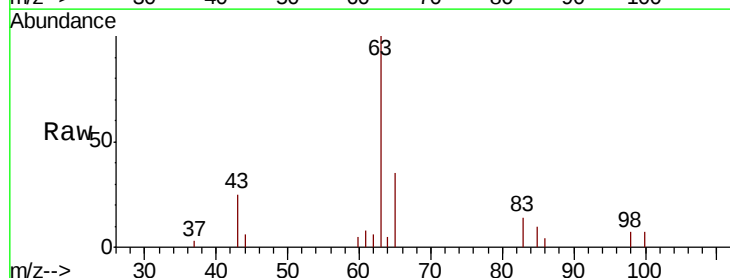
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

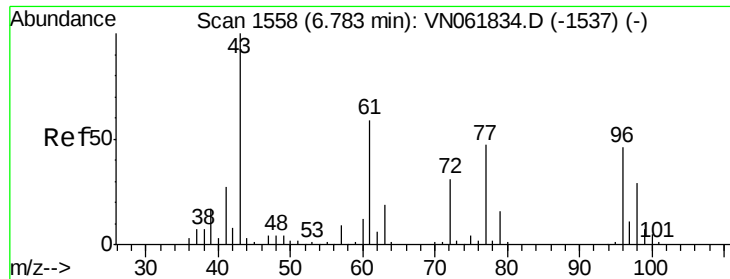
Tot Ion: 43 Resp: 87426  
 Ion Ratio Lower Upper  
 43 100  
 86 12.3 10.9 16.3



#24  
 1,1-Dichloroethane  
 Concen: 5.804 ug/l  
 RT: 5.80 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Tgt Ion: 63 Resp: 15872  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.4  
 100 7.1 2.5 7.4

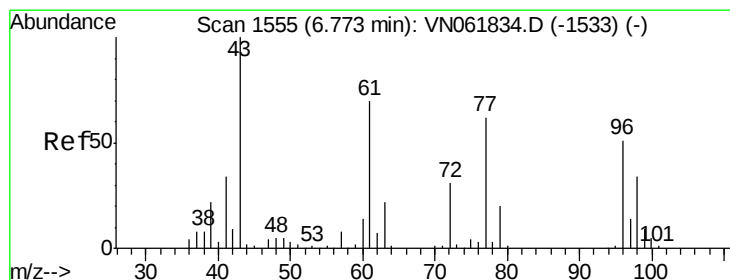
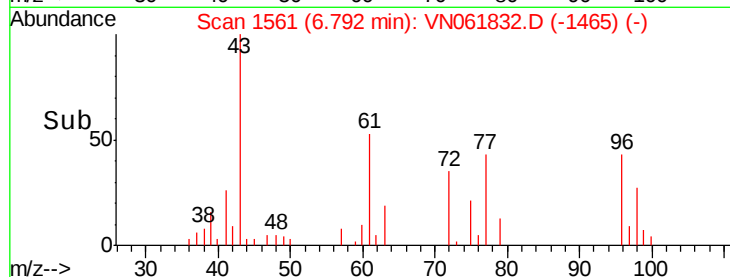
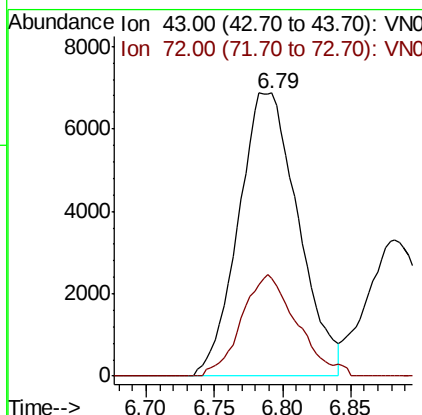
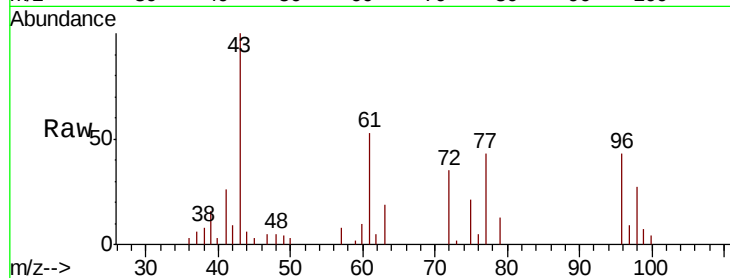




#25  
2-Butanone  
Concen: 25.463 ug/l  
RT: 6.79 min Scan# 1561  
Delta R.T. 0.01 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

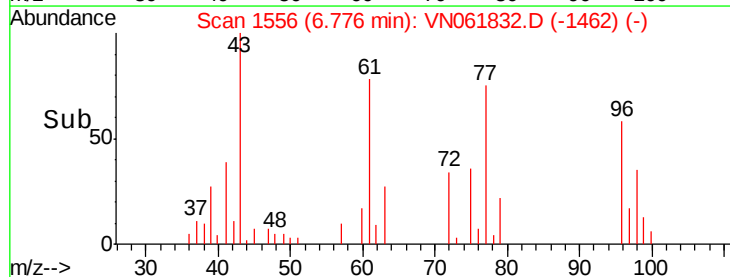
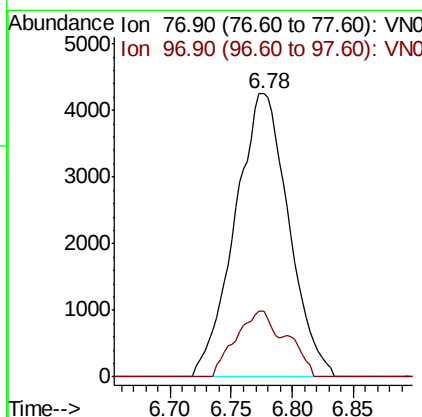
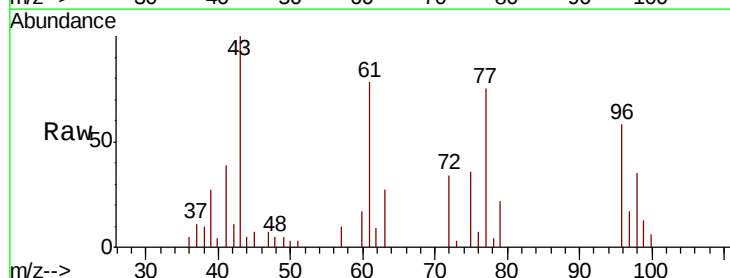
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

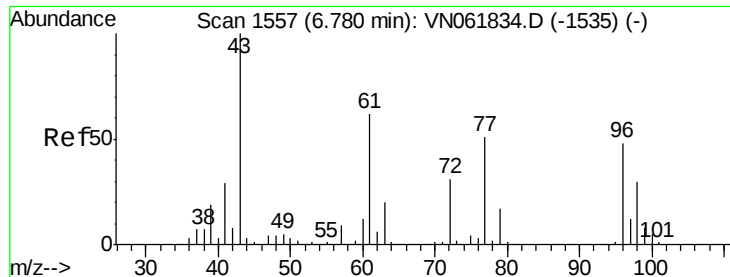
Tot Ion: 43 Resp: 20940  
Ion Ratio Lower Upper  
43 100  
72 34.6 24.6 37.0



#26  
2,2-Dichloropropane  
Concen: 5.226 ug/l  
RT: 6.78 min Scan# 1556  
Delta R.T. 0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion: 77 Resp: 12954  
Ion Ratio Lower Upper  
77 100  
97 16.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 5.339 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

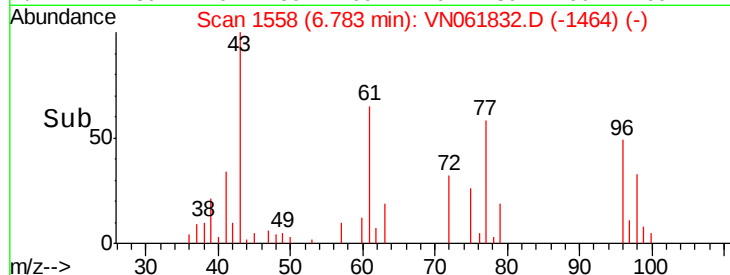
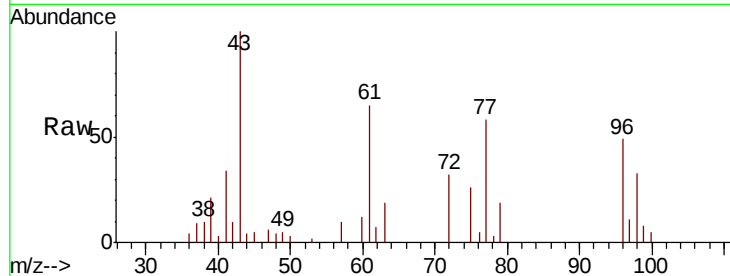
Tot Ion: 96 Resp: 10129

Ion Ratio Lower Upper

96 100

61 135.5 0.0 265.6

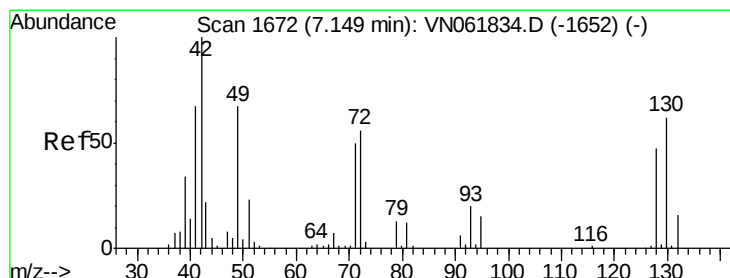
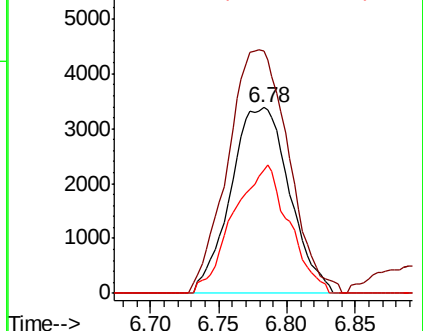
98 65.2 0.0 128.2



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: 5.588 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

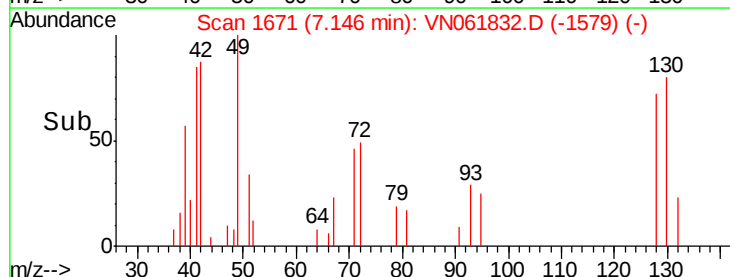
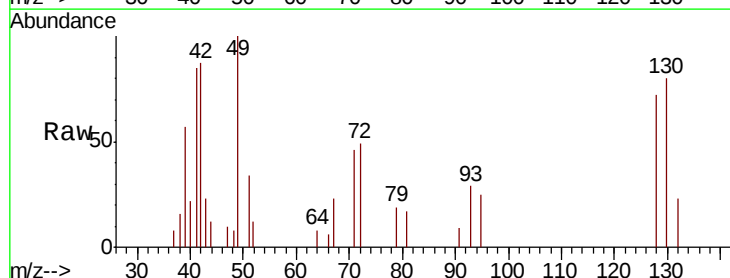
Tgt Ion: 49 Resp: 6676

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

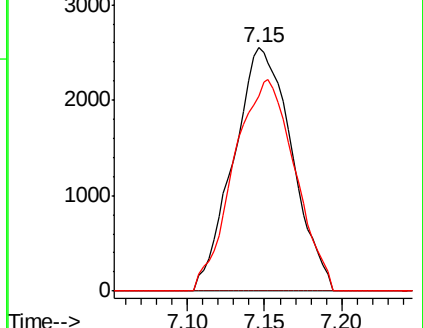
130 91.4 72.2 108.2



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

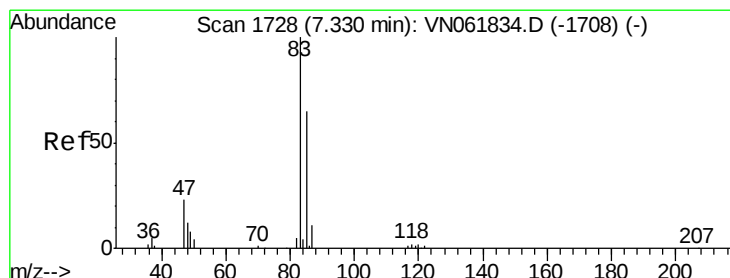
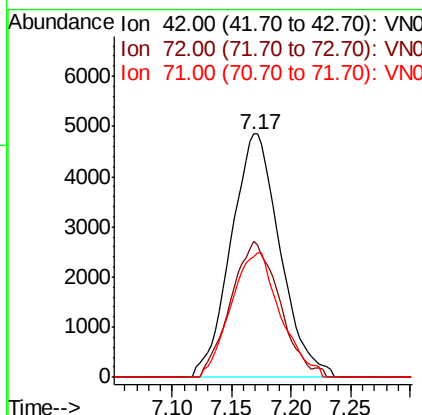
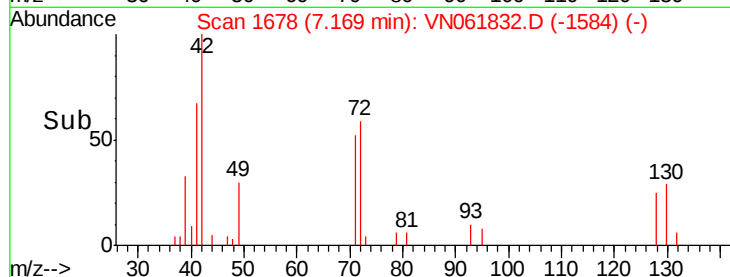
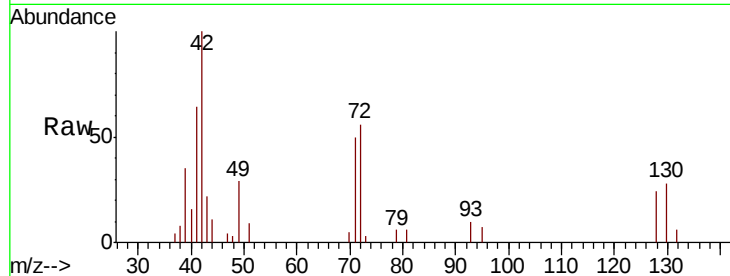




#29  
Tetrahydrofuran  
Concen: 25.603 ug/l  
RT: 7.17 min Scan# 1678  
Delta R.T. 0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

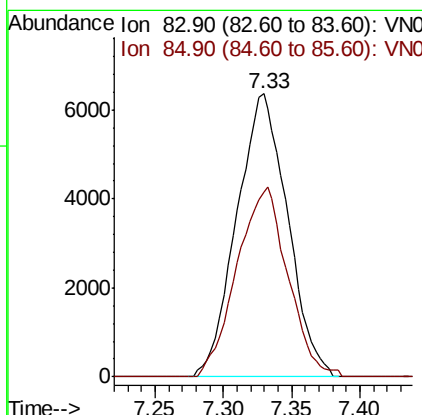
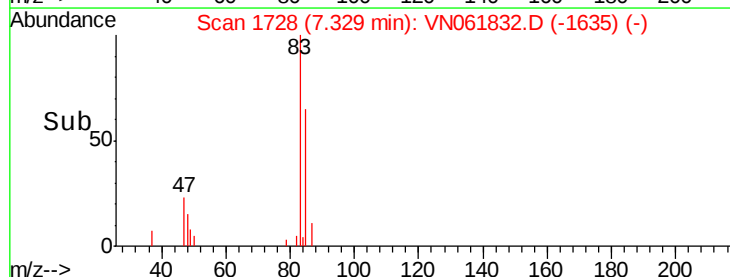
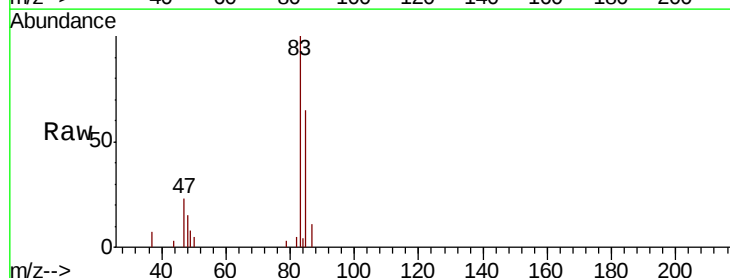
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

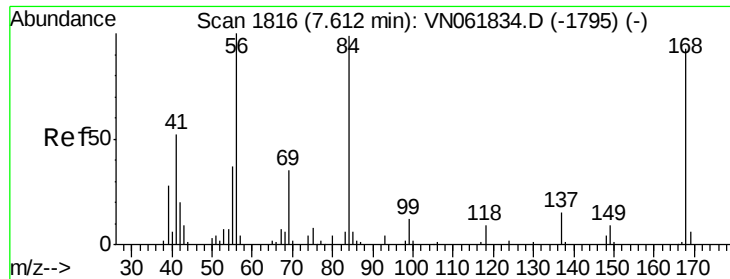
Tot Ion: 42 Resp: 13853  
Ion Ratio Lower Upper  
42 100  
72 55.4 44.0 66.0  
71 51.5 40.0 60.0



#30  
Chloroform  
Concen: 5.482 ug/l  
RT: 7.33 min Scan# 1728  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion: 83 Resp: 16464  
Ion Ratio Lower Upper  
83 100  
85 65.4 52.0 78.0

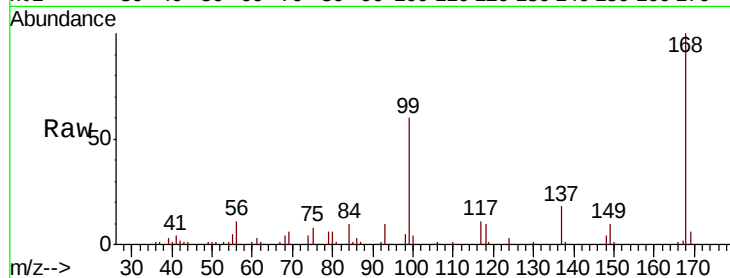




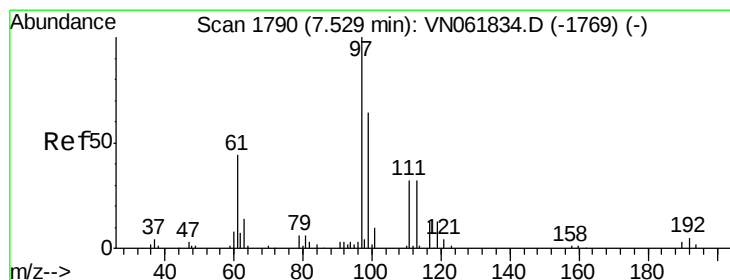
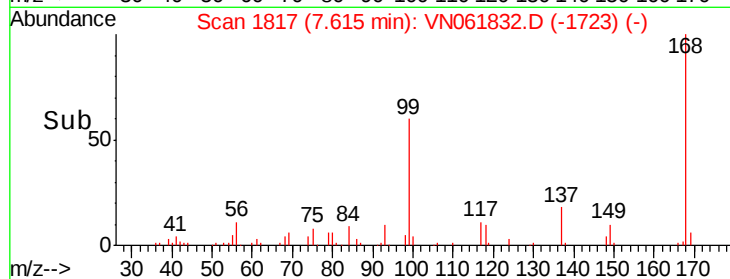
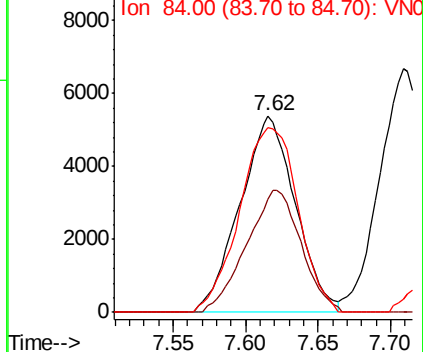
#31  
Cyclohexane  
Concen: 5.857 ug/l  
RT: 7.62 min Scan# 1817  
Delta R.T. 0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 56 Resp: 14289  
Ion Ratio Lower Upper  
56 100  
69 57.9 27.7 41.5#  
84 93.9 79.1 118.7

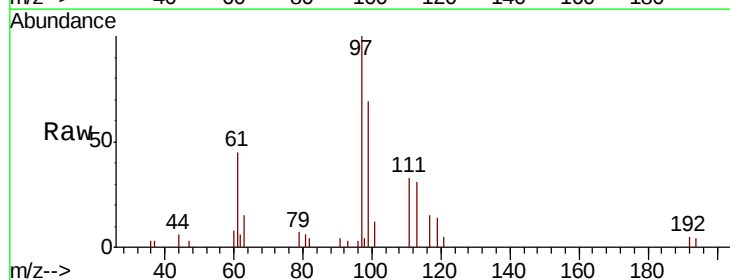


Abundance Ion 56.00 (55.70 to 56.70): VNC  
Ion 69.00 (68.70 to 69.70): VNC  
Ion 84.00 (83.70 to 84.70): VNC

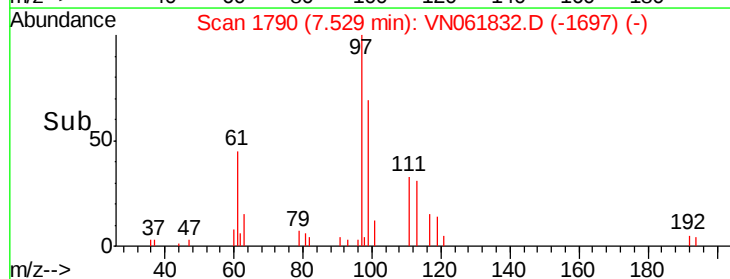
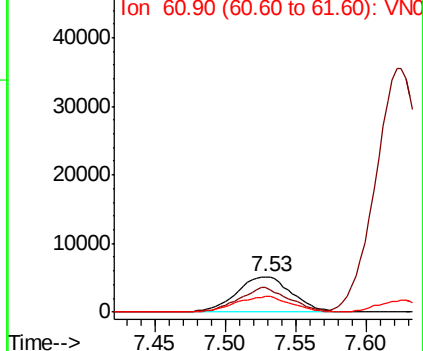


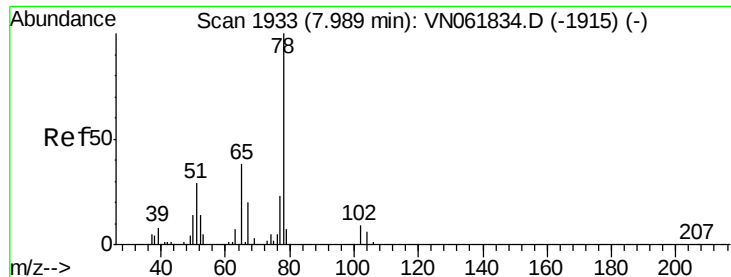
#32  
1,1,1-Trichloroethane  
Concen: 5.143 ug/l  
RT: 7.53 min Scan# 1790  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion: 97 Resp: 13944  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.5 77.3  
61 43.8 35.1 52.7



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





#33

1,2-Dichloroethane-d4

Concen: 5.841 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

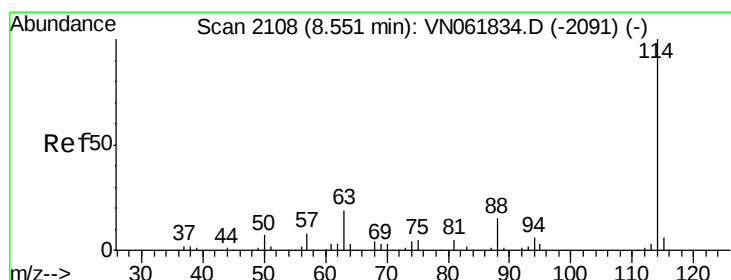
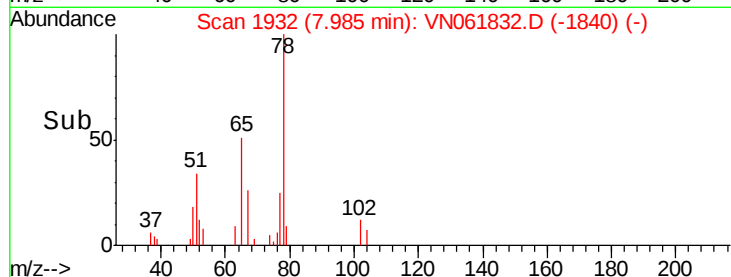
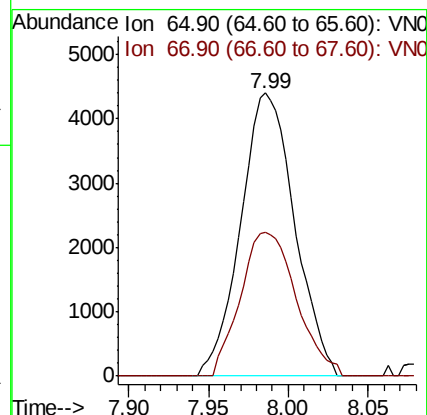
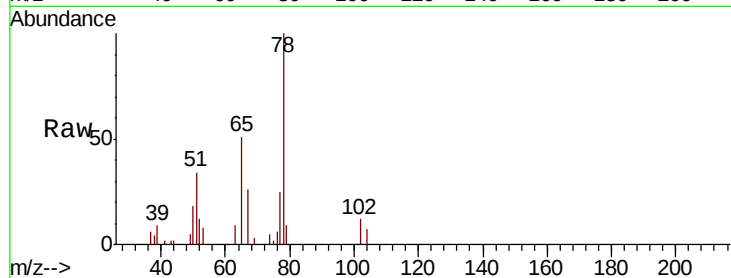
VSTDIC005

Tot Ion: 65 Resp: 10161

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

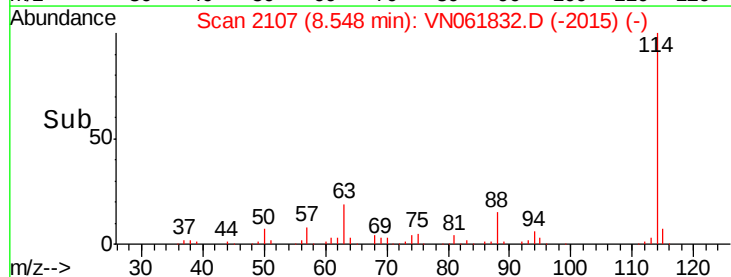
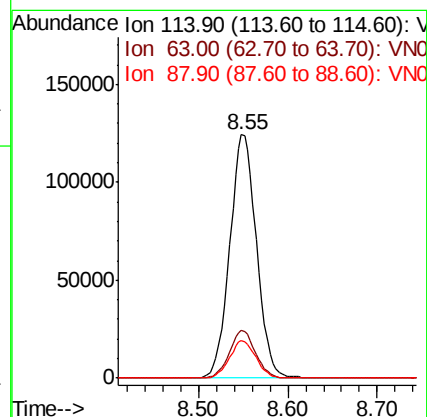
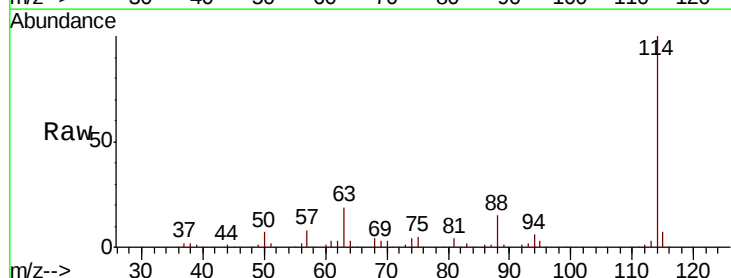
Tgt Ion: 114 Resp: 257608

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

88 15.4 0.0 31.0

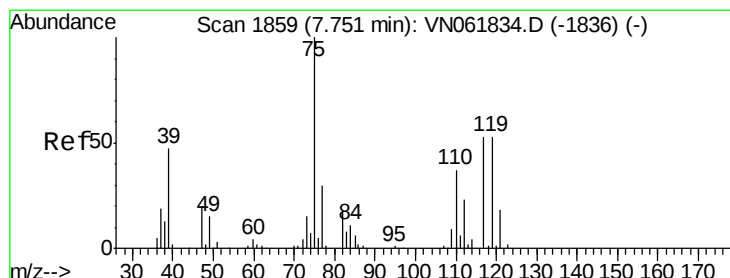
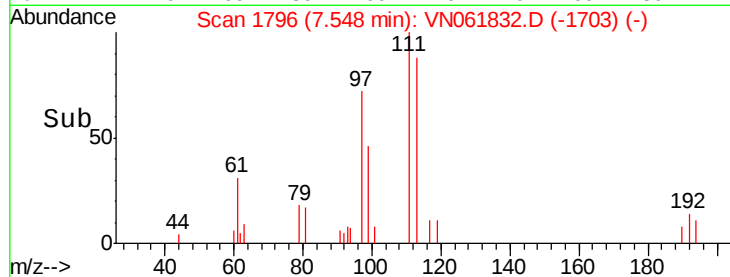
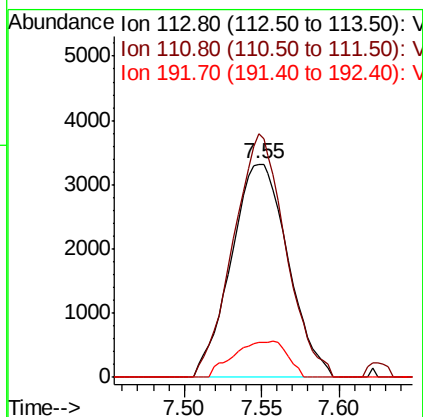
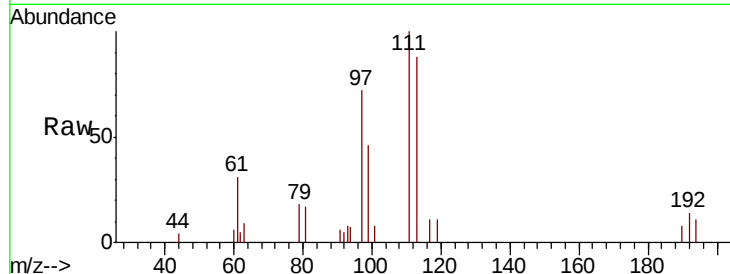




#35  
 Dibromofluoromethane  
 Concen: 6.228 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

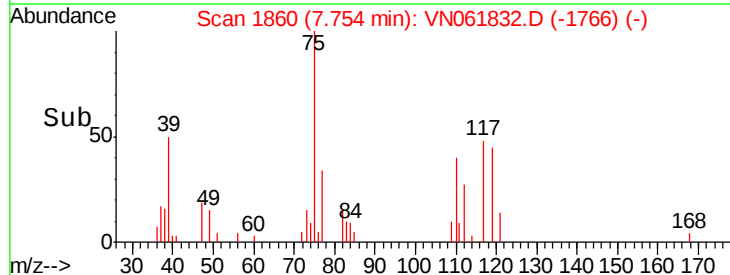
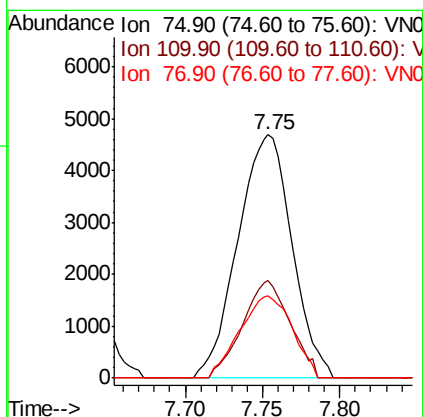
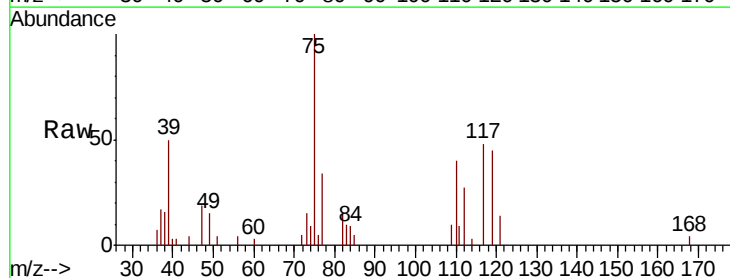
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

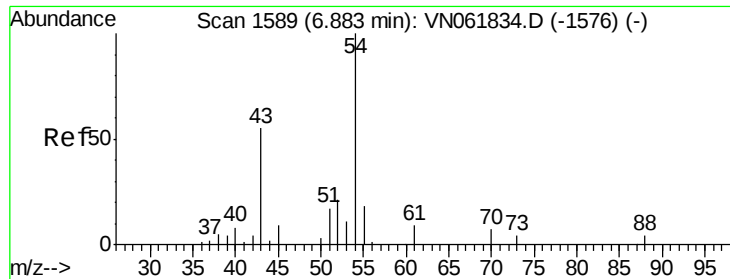
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 105.1 | 83.7  | 125.5 |
| 192     | 15.8  | 13.9  | 20.9  |



#36  
 1,1-Dichloropropene  
 Concen: 4.934 ug/l  
 RT: 7.75 min Scan# 1860  
 Delta R.T. 0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.4  | 18.2  | 54.6  |
| 77      | 32.6  | 24.2  | 36.4  |

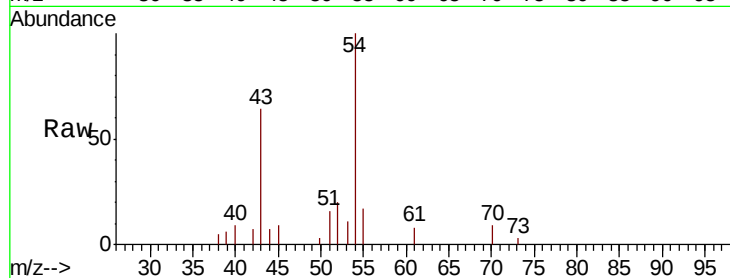




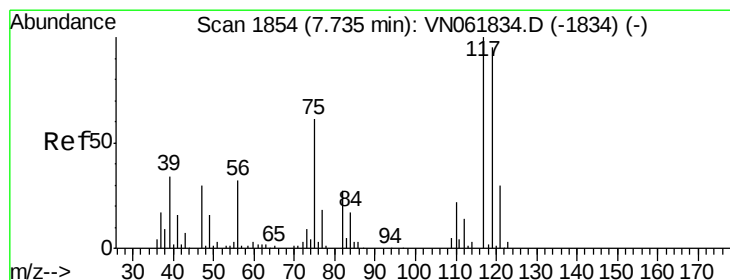
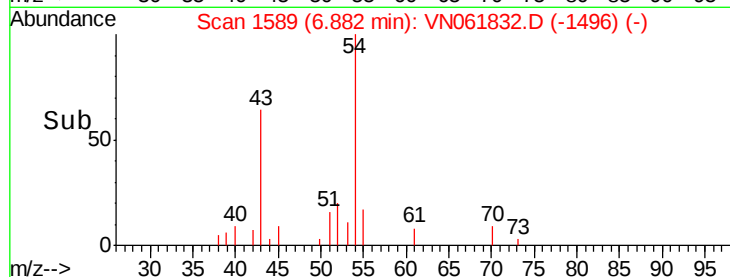
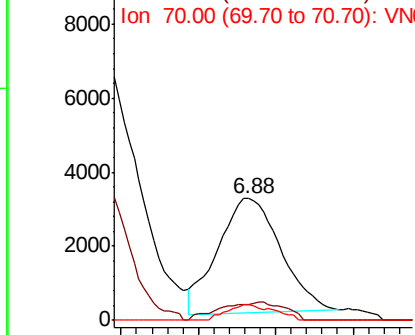
#37  
Ethyl Acetate  
Concen: 4.791 ug/l  
RT: 6.88 min Scan# 1589  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 43 Resp: 8808  
Ion Ratio Lower Upper  
43 100  
61 16.5 13.0 19.4  
70 10.3 9.4 14.2

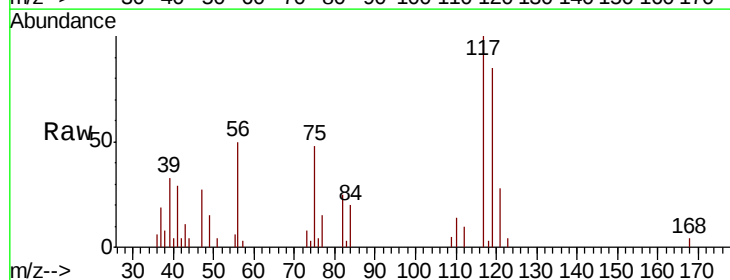


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

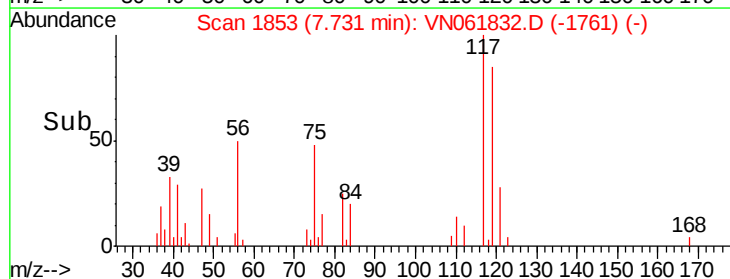
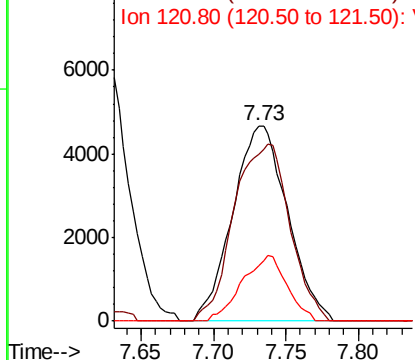


#38  
Carbon Tetrachloride  
Concen: 5.538 ug/l  
RT: 7.73 min Scan# 1853  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion: 117 Resp: 12301  
Ion Ratio Lower Upper  
117 100  
119 85.4 75.8 113.6  
121 28.1 23.8 35.6



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

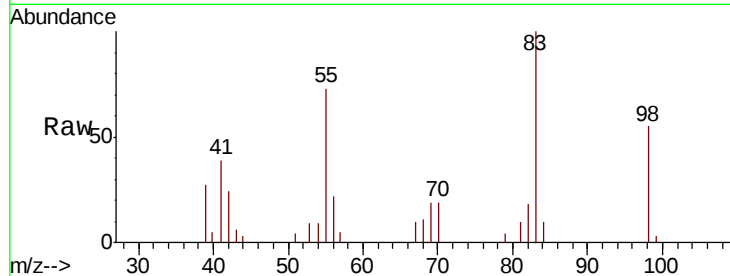




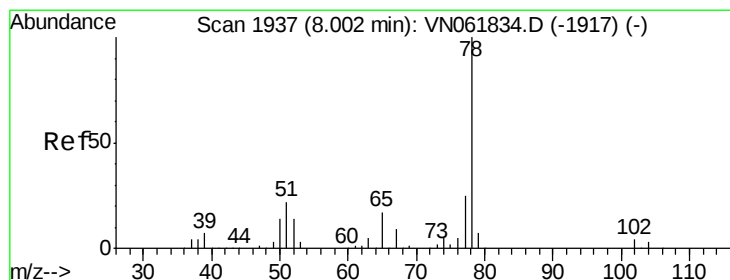
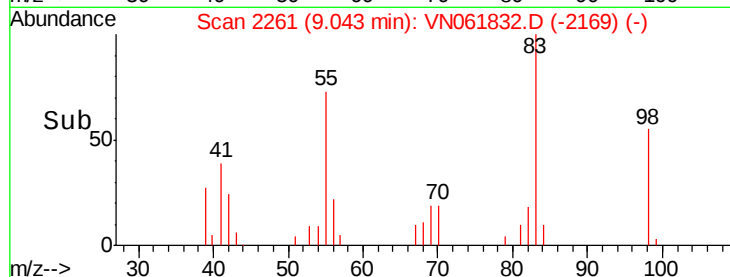
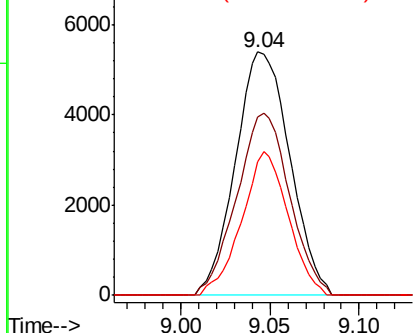
#39  
Methvlcvclohexane  
Concen: 4.093 ug/l  
RT: 9.04 min Scan# 2261  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 83 Resp: 11442  
Ion Ratio Lower Upper  
83 100  
55 73.2 54.2 81.4  
98 55.0 39.8 59.6

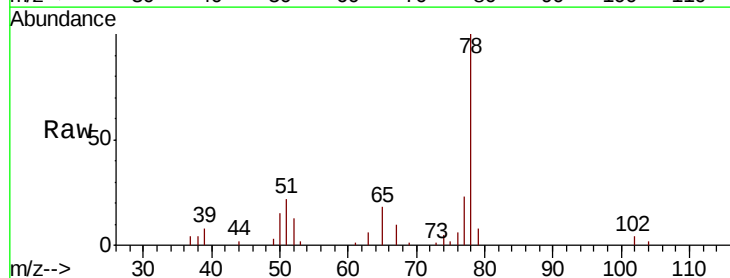


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

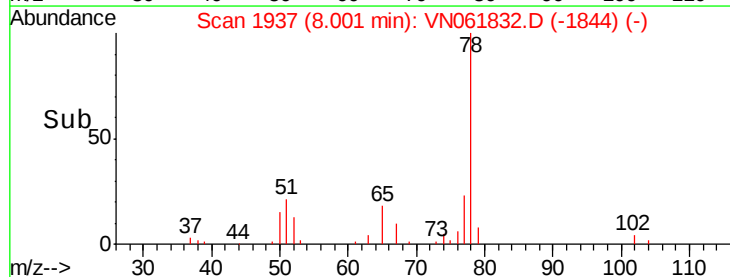
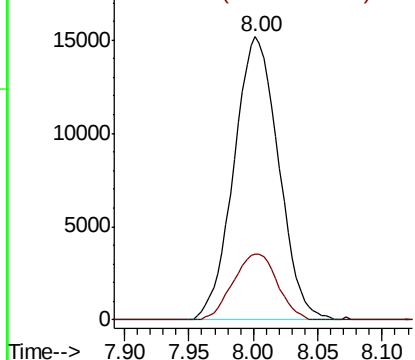


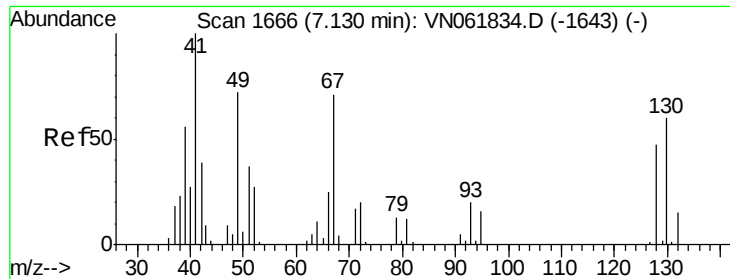
#40  
Benzene  
Concen: 5.154 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion: 78 Resp: 36580  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.7 29.5



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

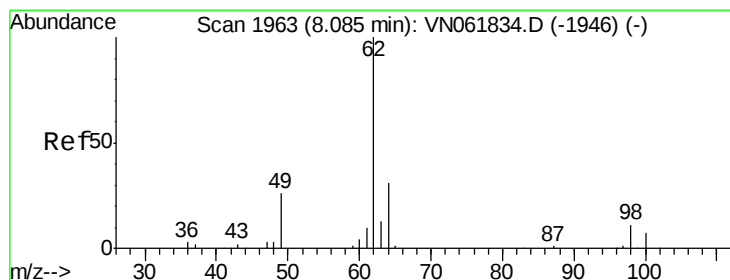
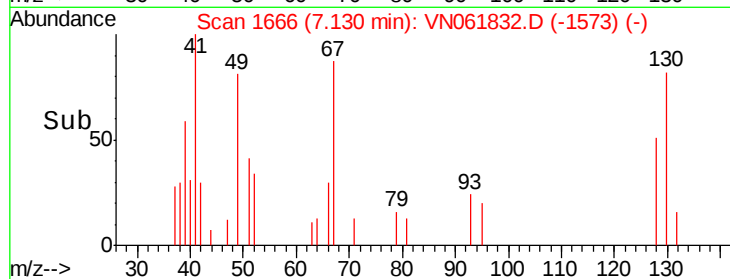
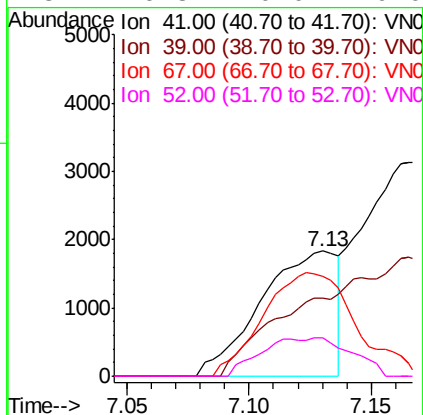
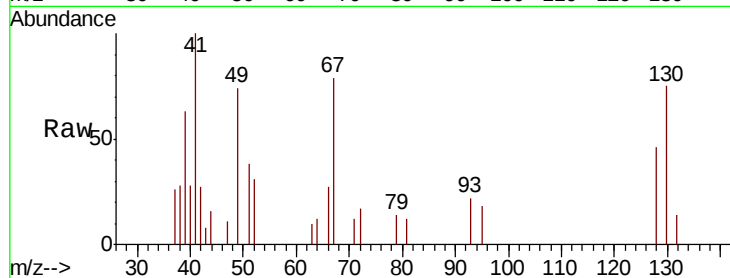




#41  
Methacrylonitrile  
Concen: 4.755 ug/l  
RT: 7.13 min Scan# 1666  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

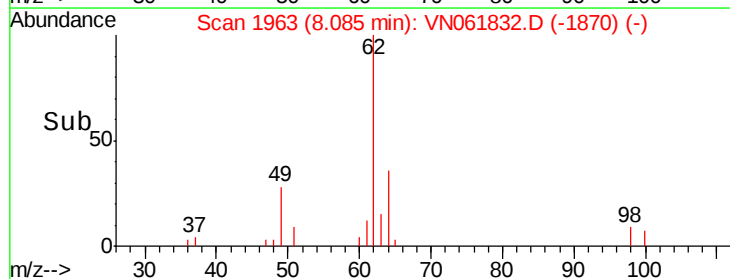
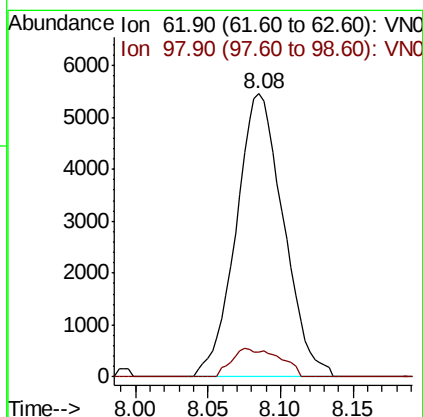
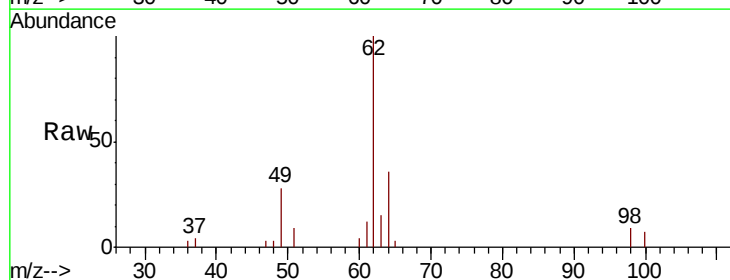
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

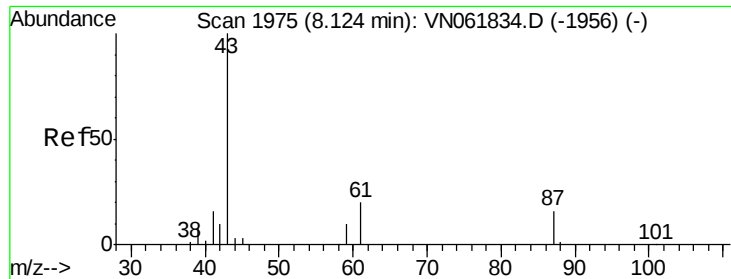
Tot Ion: 41 Resp: 4004  
Ion Ratio Lower Upper  
41 100  
39 0.0 0.0 0.0  
67 98.9 0.0 0.0#  
52 16.8 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 5.199 ug/l  
RT: 8.08 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion: 62 Resp: 12406  
Ion Ratio Lower Upper  
62 100  
98 10.1 0.0 20.4





#43

Isopropyl Acetate

Concen: 4.675 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

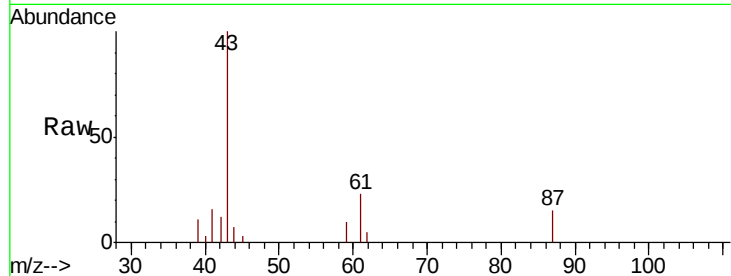
Tot Ion: 43 Resp: 15418

Ion Ratio Lower Upper

43 100

61 20.6 24.0 36.0#

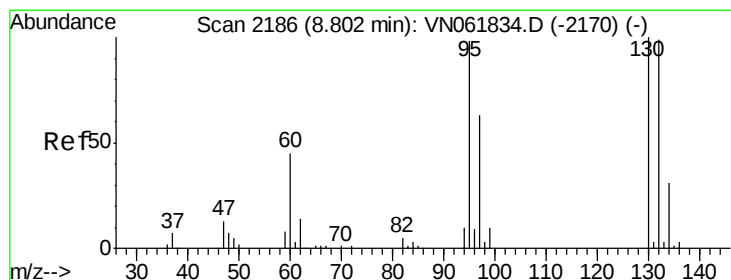
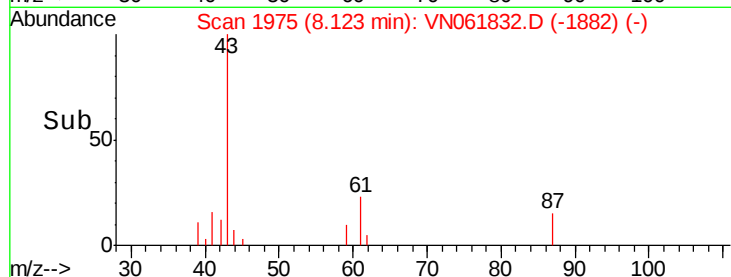
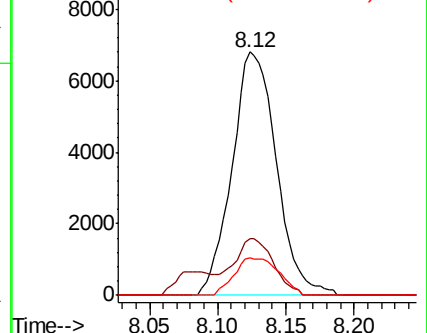
87 15.3 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061832.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061832.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061832.D (-1956) (-)



#44

Trichloroethene

Concen: 4.545 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061832.D

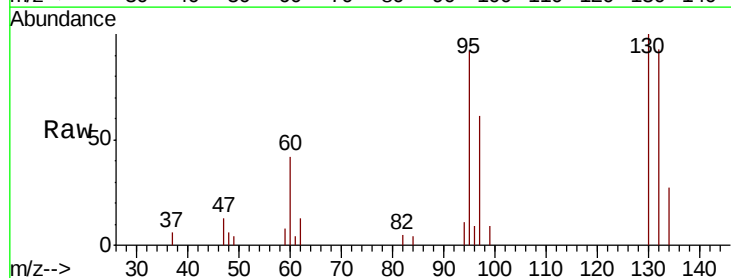
Acq: 16 Jun 2020 17:50

Tgt Ion: 130 Resp: 9611

Ion Ratio Lower Upper

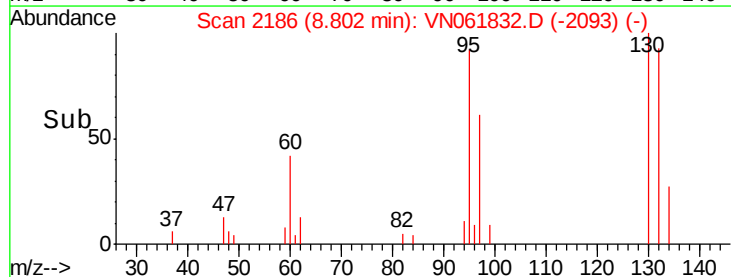
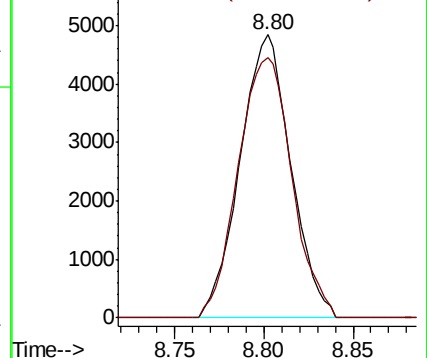
130 100

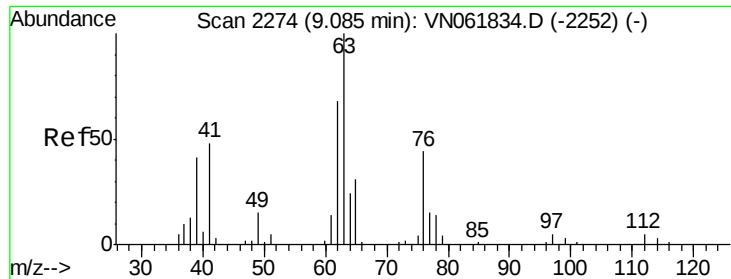
95 91.9 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061832.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061832.D (-2093) (-)

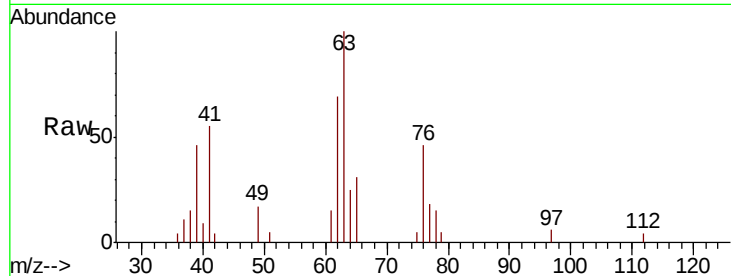




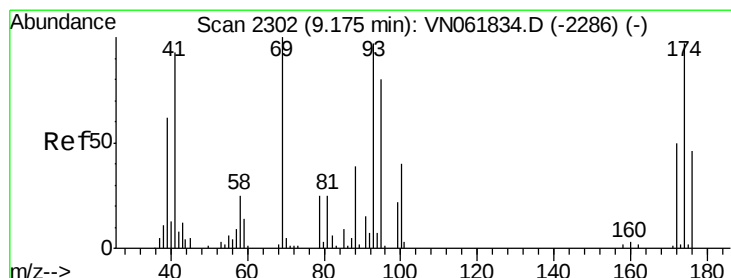
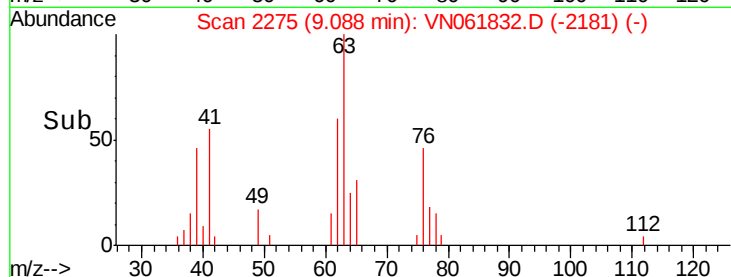
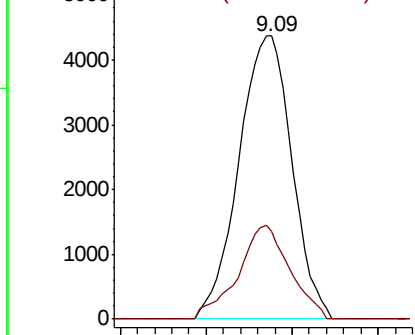
#45  
 1,2-Dichloropropane  
 Concen: 5.509 ug/l  
 RT: 9.09 min Scan# 2275  
 Delta R.T. 0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 63 Resp: 9344  
 Ion Ratio Lower Upper  
 63 100  
 65 30.9 25.1 37.7

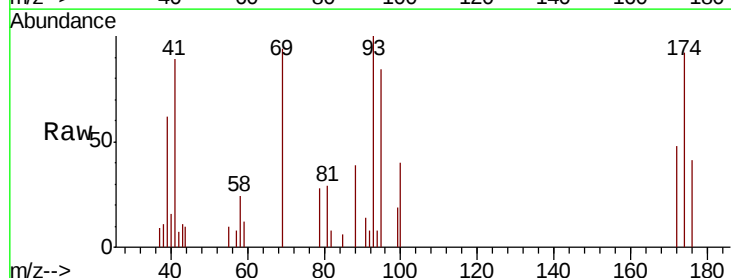


Abundance Ion 62.90 (62.60 to 63.60): VN0  
 Ion 64.90 (64.60 to 65.60): VN0

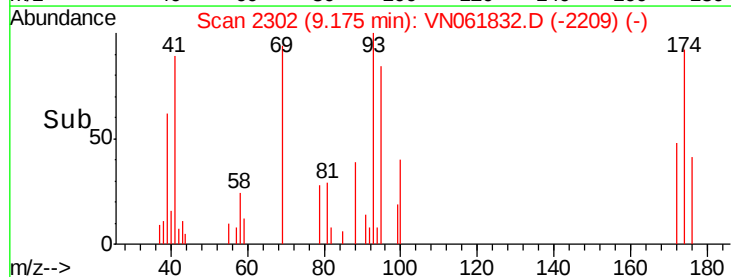
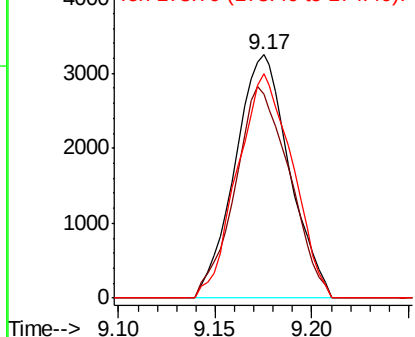


#46  
 Dibromomethane  
 Concen: 4.948 ug/l  
 RT: 9.17 min Scan# 2302  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Tgt Ion: 93 Resp: 6358  
 Ion Ratio Lower Upper  
 93 100  
 95 86.7 65.8 98.6  
 174 93.1 78.5 117.7



Abundance Ion 92.80 (92.50 to 93.50): VN0  
 Ion 94.80 (94.50 to 95.50): VN0  
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.084 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

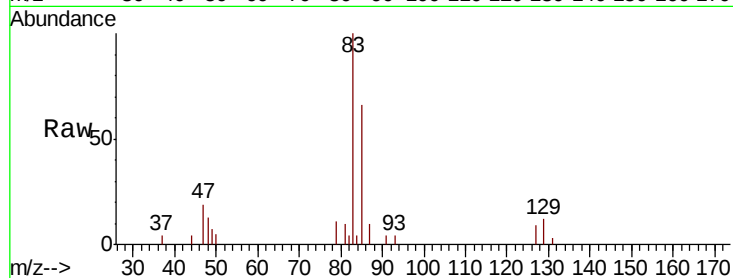
Tot Ion: 83 Resp: 12944

Ion Ratio Lower Upper

83 100

85 66.1 50.8 76.2

127 9.4 7.0 10.4

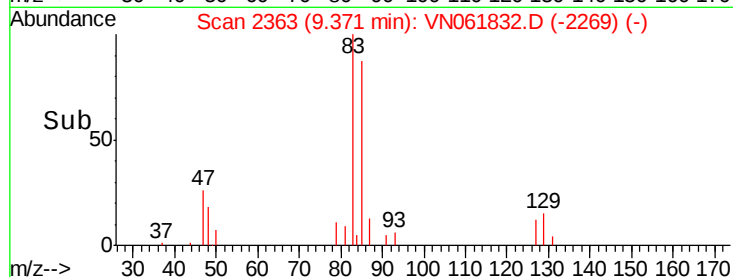


Abundance Ion 82.90 (82.60 to 83.60): VN061832.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN061832.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN061832.D (-2347) (-)

Time-->

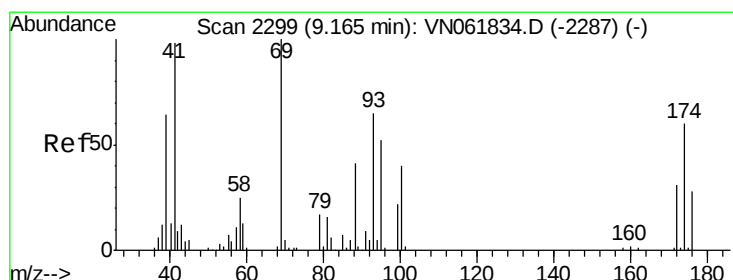


Abundance Ion 82.90 (82.60 to 83.60): VN061832.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN061832.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN061832.D (-2347) (-)

Time-->



#48

Methyl methacrylate

Concen: 4.681 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

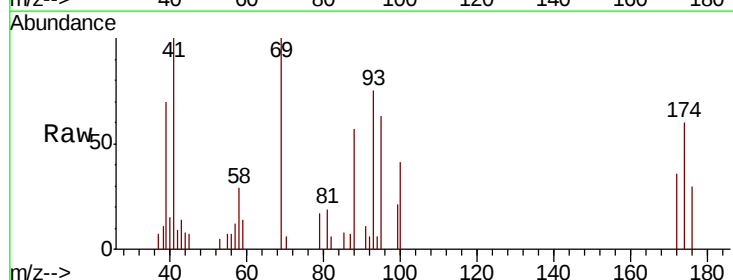
Tgt Ion: 41 Resp: 6971

Ion Ratio Lower Upper

41 100

69 99.3 83.0 124.4

39 69.2 55.1 82.7

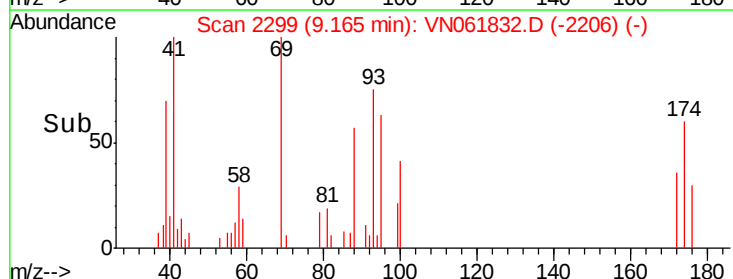


Abundance Ion 41.00 (40.70 to 41.70): VN061832.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061832.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061832.D (-2287) (-)

Time-->



Abundance Ion 41.00 (40.70 to 41.70): VN061832.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061832.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061832.D (-2287) (-)

Time-->



#49

1,4-Dioxane

Concen: 127.499 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

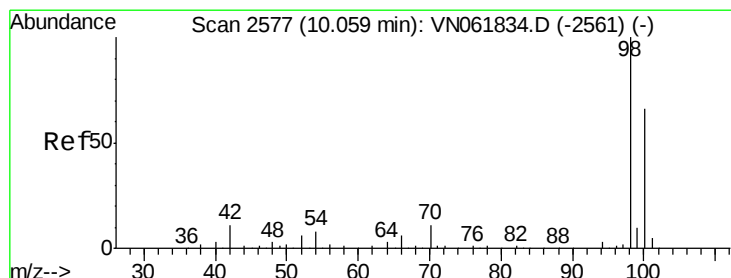
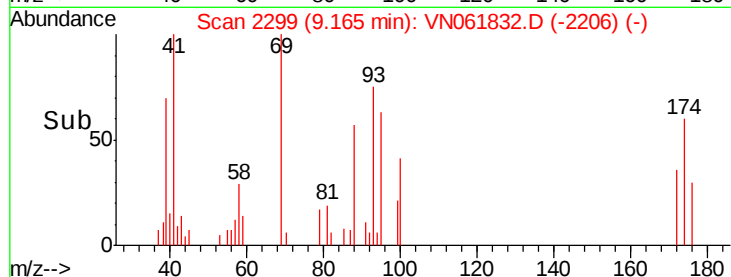
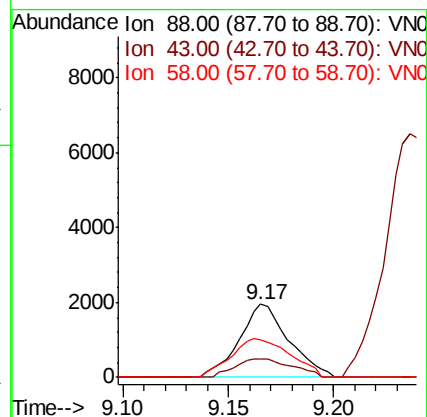
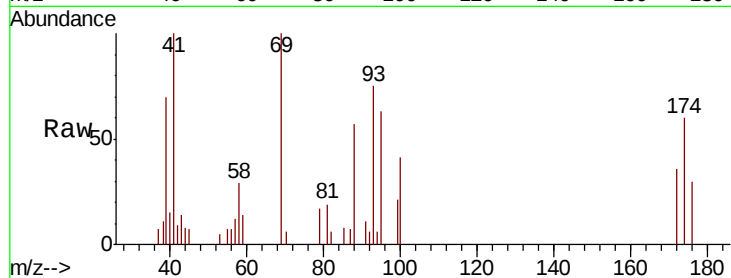
Tot Ion: 88 Resp: 3192

Ion Ratio Lower Upper

88 100

43 29.4 23.4 35.2

58 62.8 49.8 74.6



#50

Toluene-d8

Concen: 5.232 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061832.D

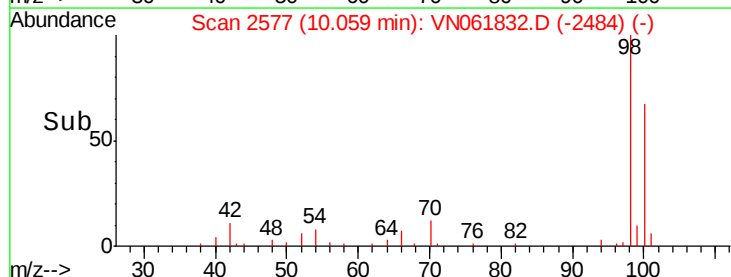
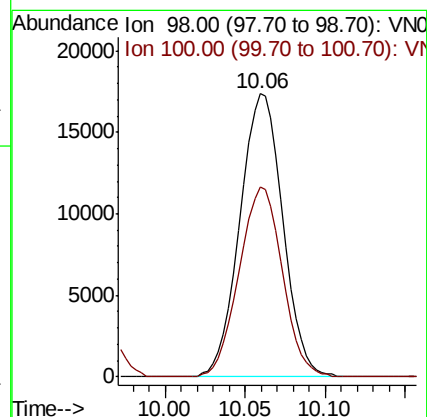
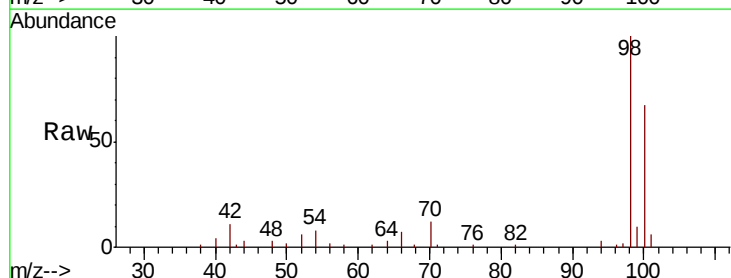
Acq: 16 Jun 2020 17:50

Tgt Ion: 98 Resp: 31788

Ion Ratio Lower Upper

98 100

100 67.6 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 24.221 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampled :

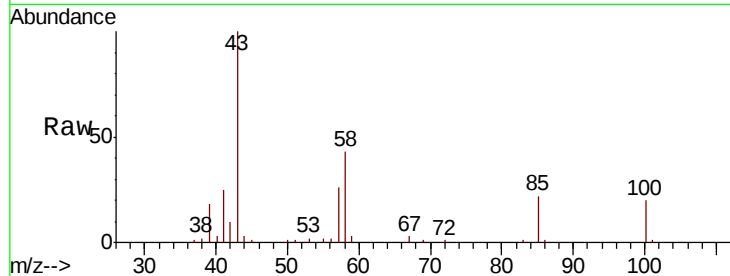
VSTDIC005

Tot Ion: 43 Resp: 45194

Ion Ratio Lower Upper

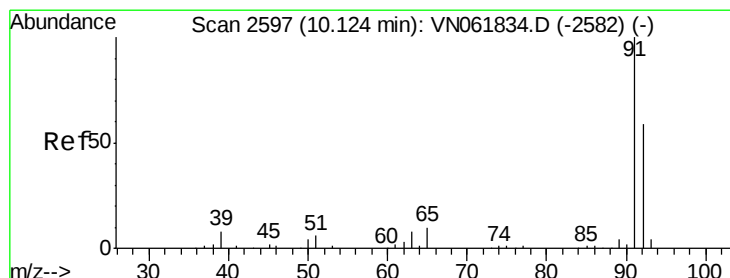
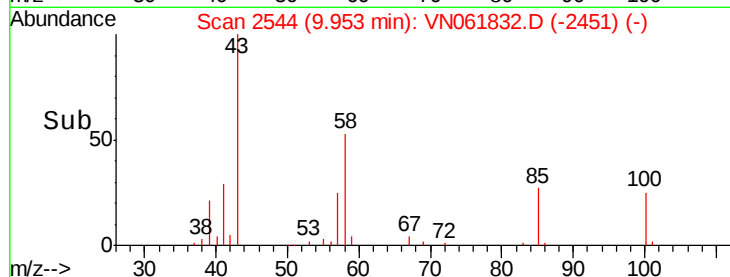
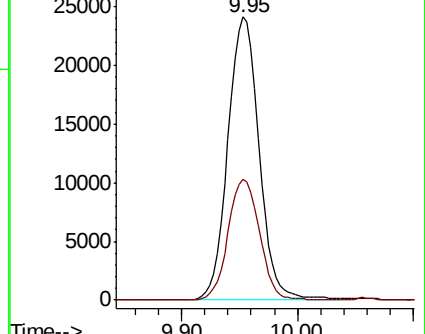
43 100

58 42.8 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)



#52

Toluene

Concen: 4.872 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061832.D

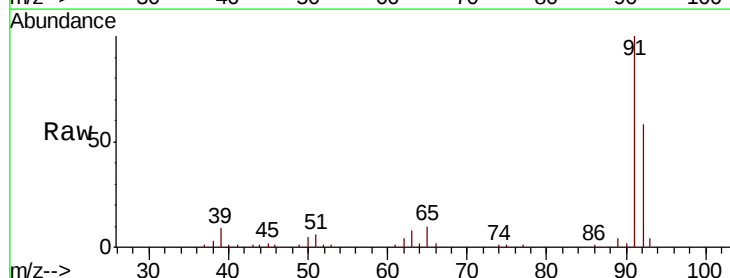
Acq: 16 Jun 2020 17:50

Tgt Ion: 92 Resp: 22492

Ion Ratio Lower Upper

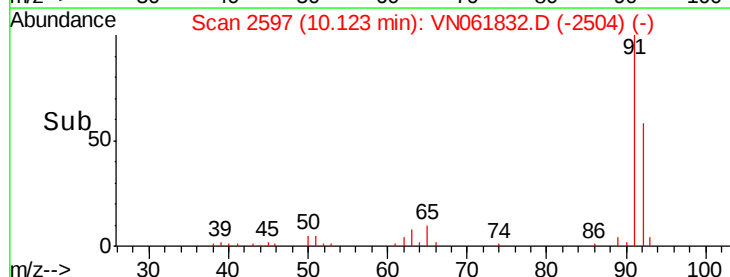
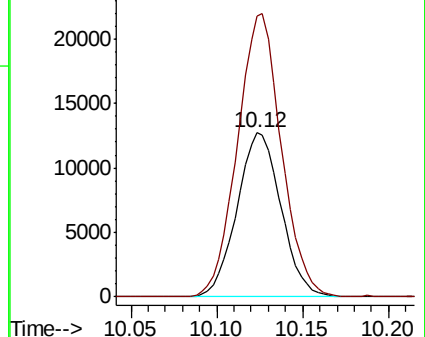
92 100

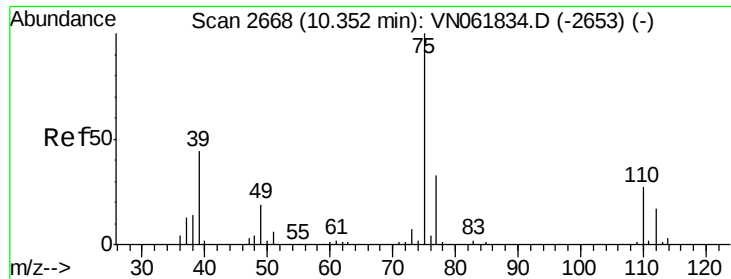
91 172.4 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)





#53

t-1,3-Dichloropropene

Concen: 4.791 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

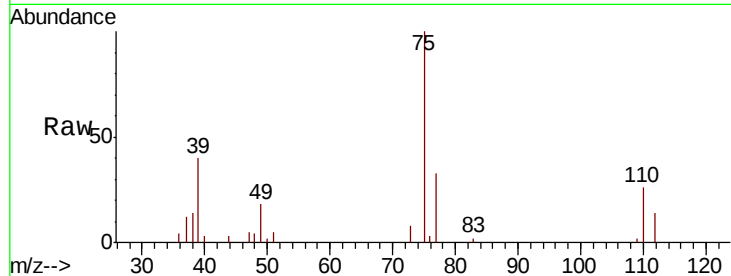
VSTDIC005

Tot Ion: 75 Resp: 13128

Ion Ratio Lower Upper

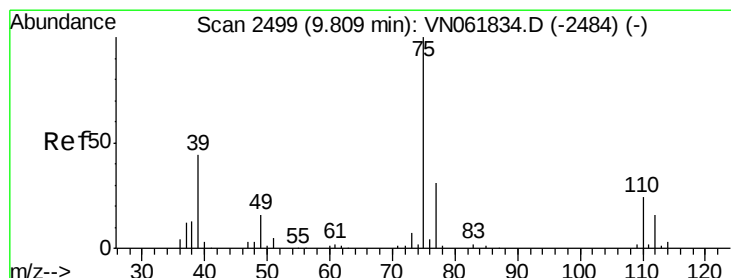
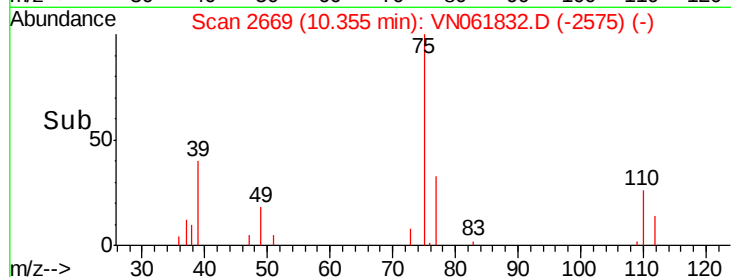
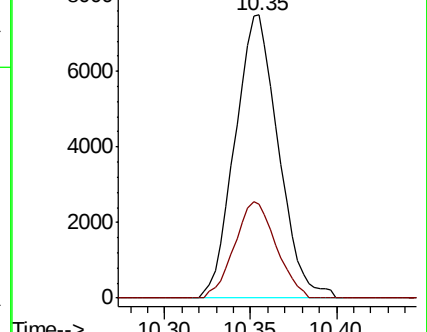
75 100

77 33.4 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VN061832.D (-2653) (-)

Ion 76.90 (76.60 to 77.60): VN061832.D (-2653) (-)



#54

cis-1,3-Dichloropropene

Concen: 4.712 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

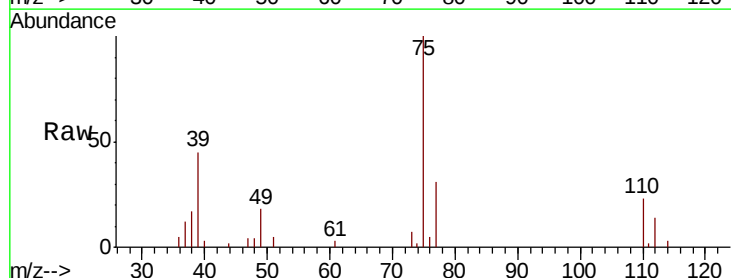
Tgt Ion: 75 Resp: 13942

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

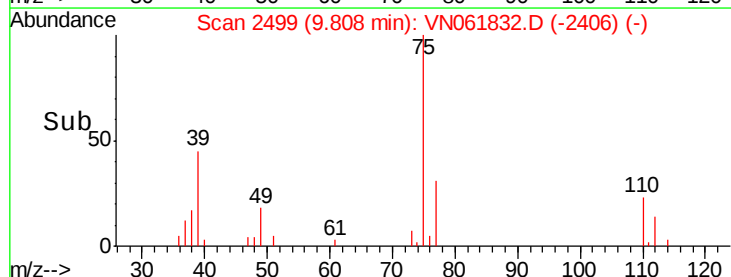
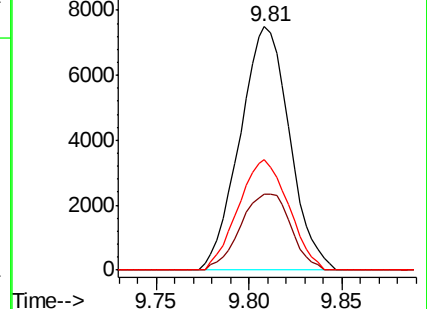
39 45.2 35.4 53.0

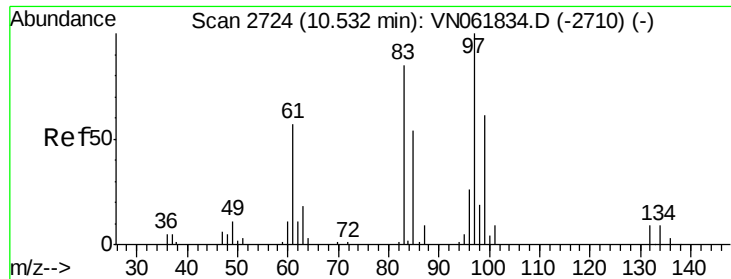


Abundance Ion 74.90 (74.60 to 75.60): VN061832.D (-2484) (-)

Ion 76.90 (76.60 to 77.60): VN061832.D (-2484) (-)

Ion 39.00 (38.70 to 39.70): VN061832.D (-2484) (-)

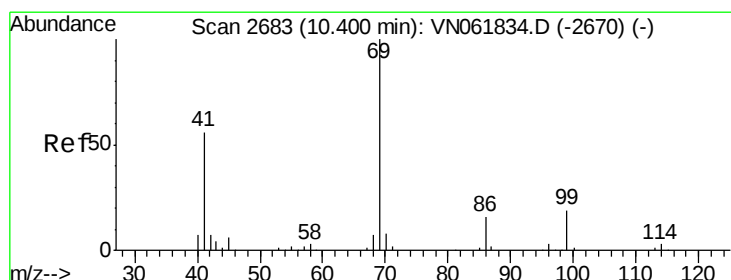
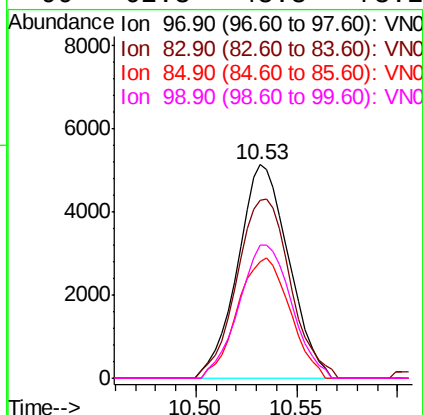
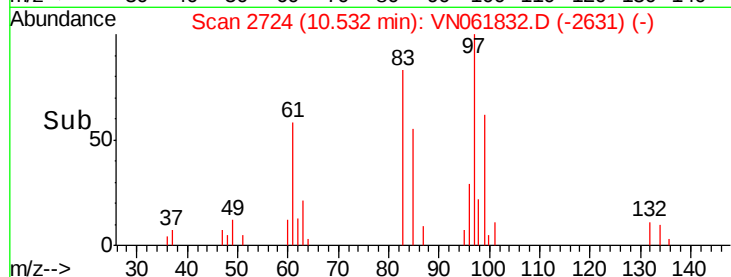
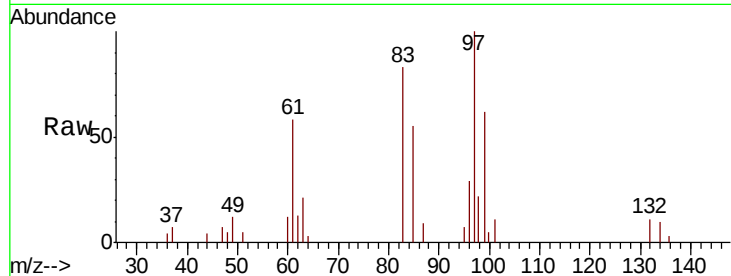




#55  
1,1,2-Trichloroethane  
Concen: 4.940 ug/l  
RT: 10.53 min Scan# 2724  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

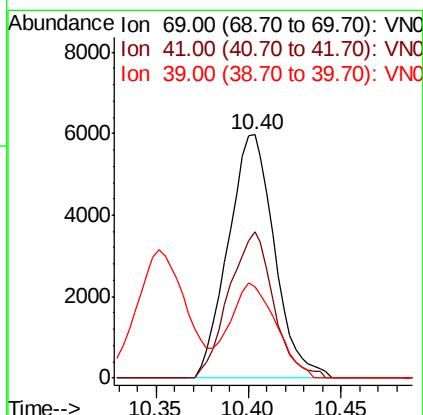
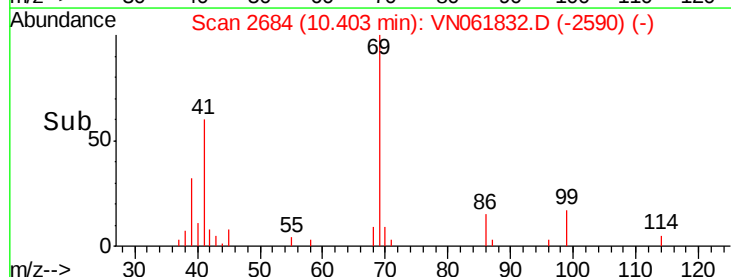
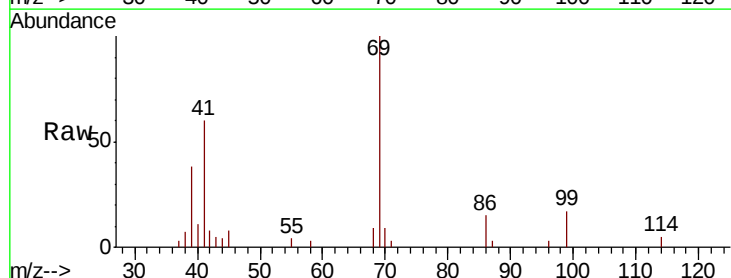
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

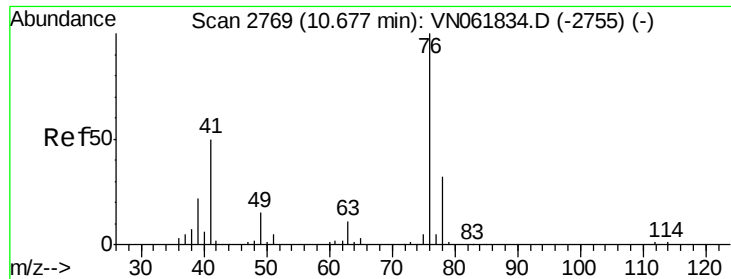
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 9068  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.5  | 67.7  | 101.5 |
| 85       | 54.5  | 43.4  | 65.0  |
| 99       | 62.3  | 48.8  | 73.2  |



#56  
Ethyl methacrylate  
Concen: 4.085 ug/l  
RT: 10.40 min Scan# 2684  
Delta R.T. 0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 10392 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 57.9  | 44.9  | 67.3  |
| 39       | 38.7  | 30.0  | 45.0  |

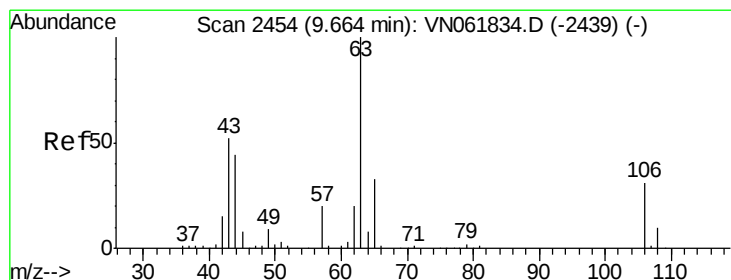
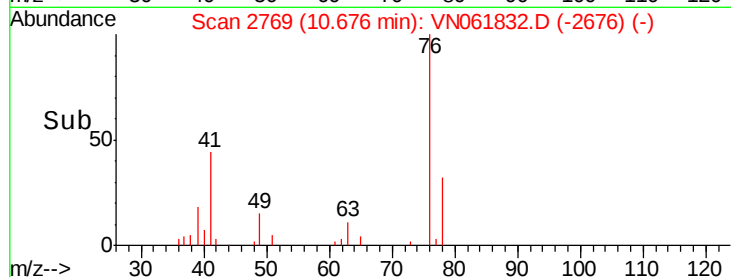
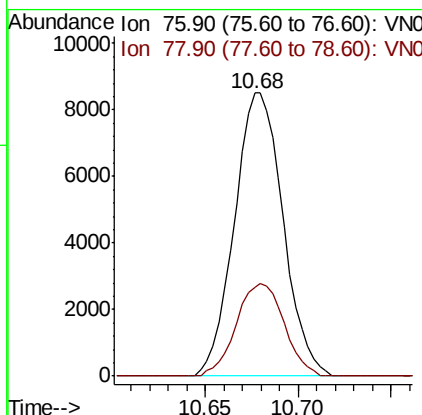
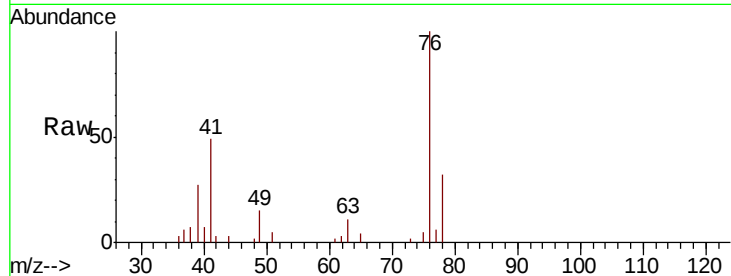




#57  
 1,3-Dichloropropane  
 Concen: 5.245 ug/l  
 RT: 10.68 min Scan# 2769  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

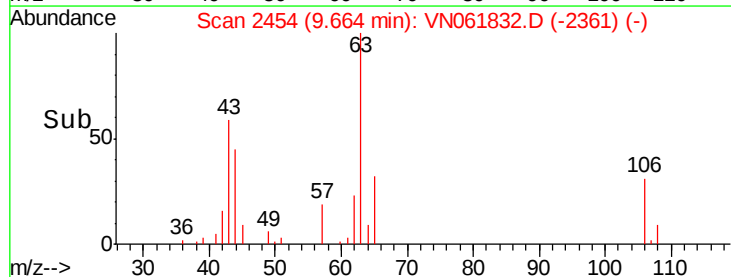
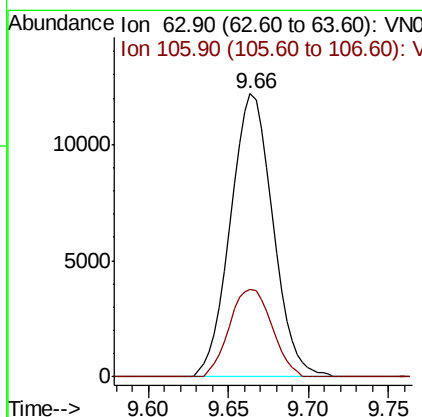
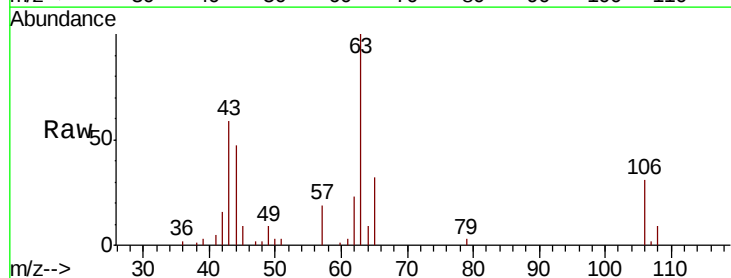
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

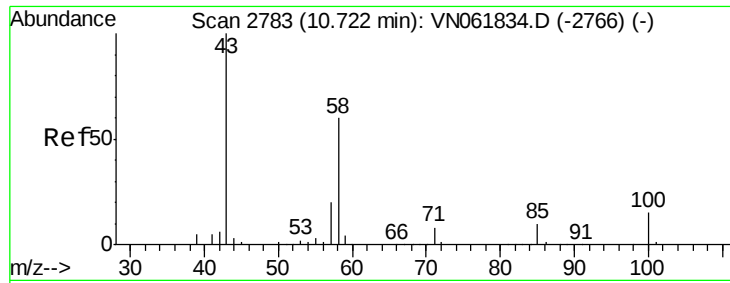
Tot Ion: 76 Resp: 15496  
 Ion Ratio Lower Upper  
 76 100  
 78 32.2 25.8 38.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 20.622 ug/l  
 RT: 9.66 min Scan# 2454  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Tgt Ion: 63 Resp: 22058  
 Ion Ratio Lower Upper  
 63 100  
 106 31.0 24.6 36.8

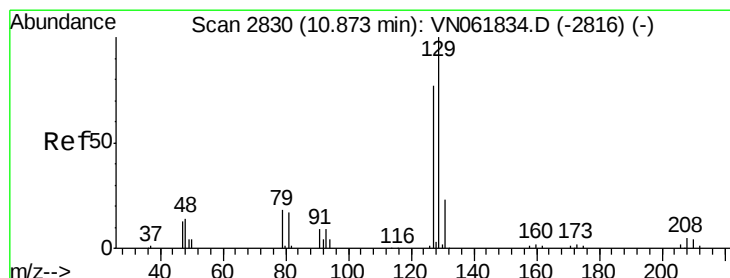
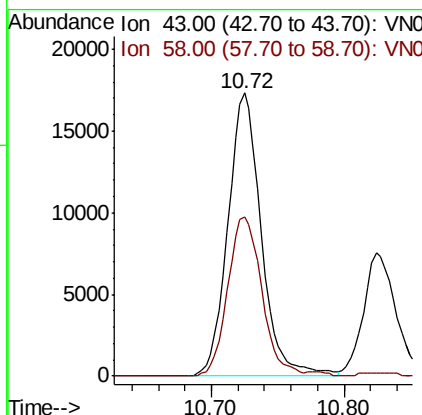
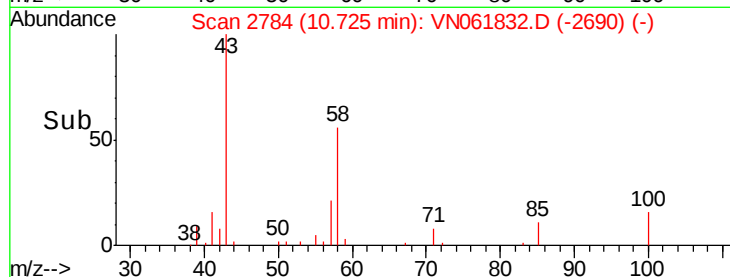
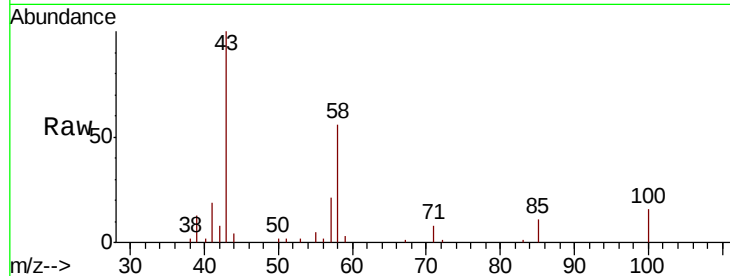




#59  
2-Hexanone  
Concen: 22.606 ug/l  
RT: 10.72 min Scan# 2784  
Delta R.T. 0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

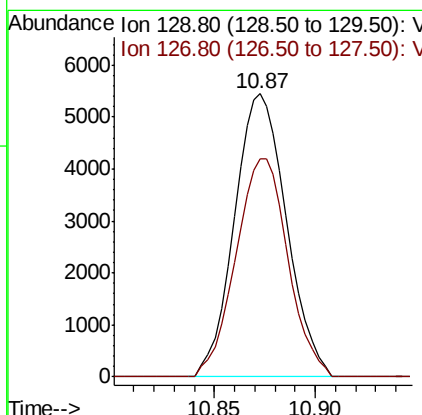
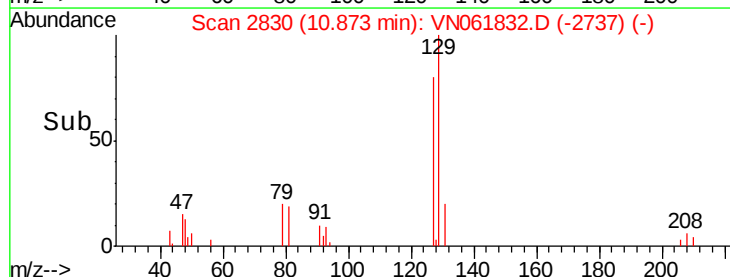
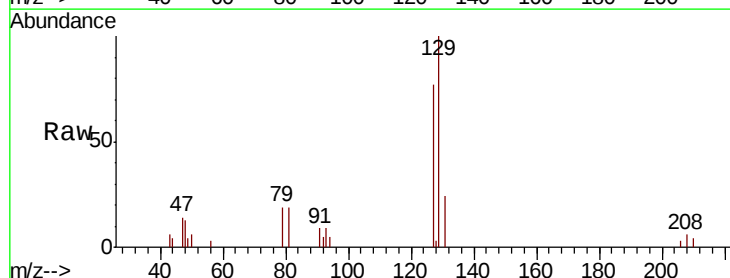
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 43 Resp: 30295  
Ion Ratio Lower Upper  
43 100  
58 57.3 30.1 90.5



#60  
Dibromochloromethane  
Concen: 4.748 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion: 129 Resp: 9801  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.5 115.5

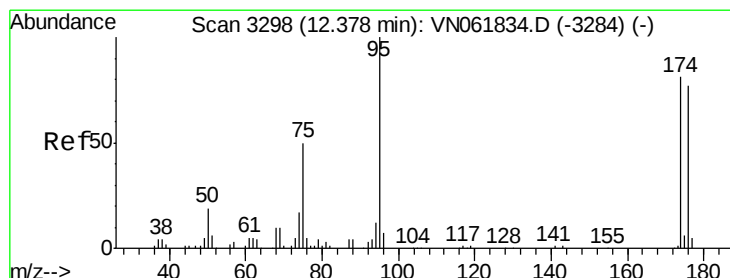
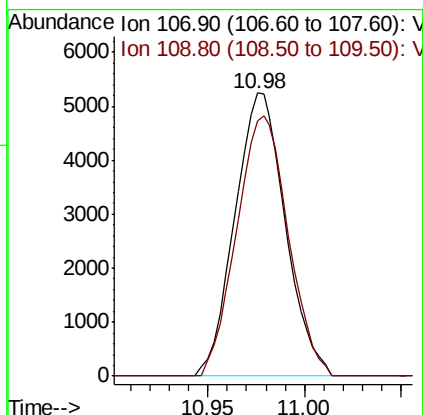
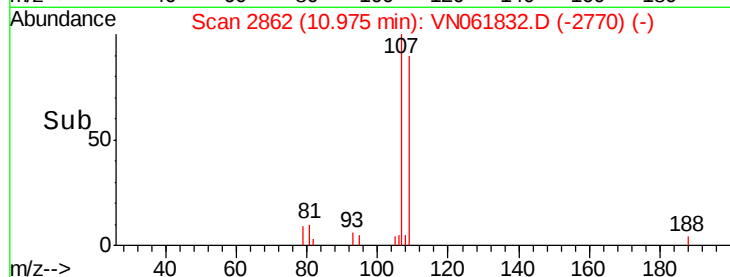
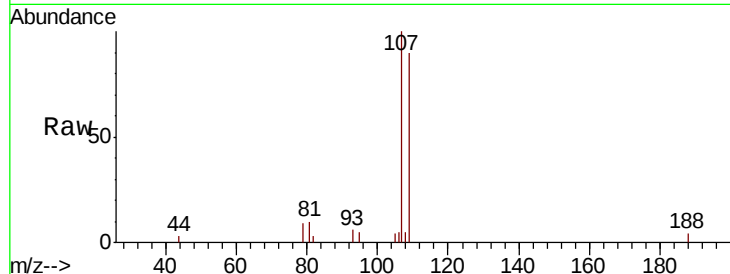




#61  
 1,2-Dibromoethane  
 Concen: 4.986 ug/l  
 RT: 10.98 min Scan# 2862  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

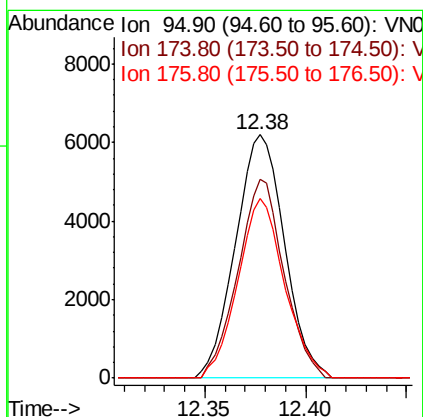
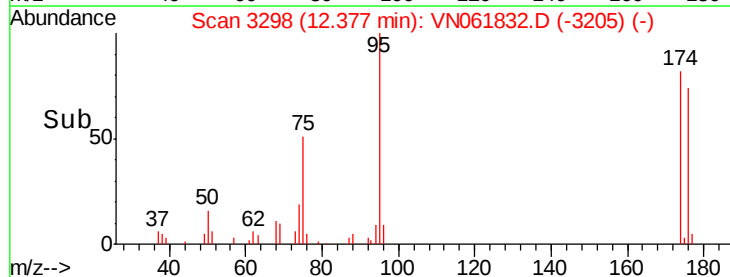
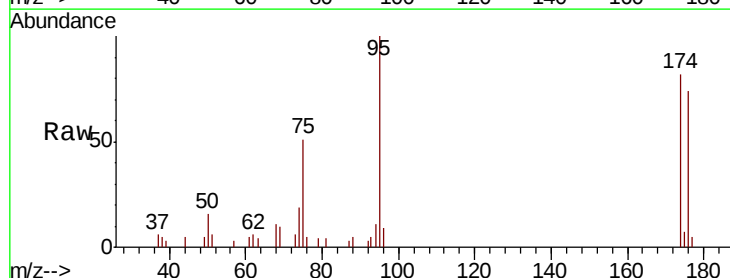
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

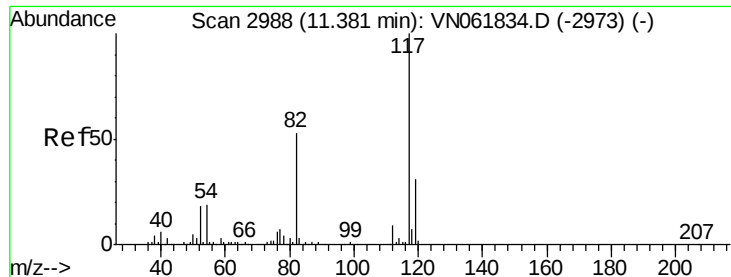
Tot Ion: 107 Resp: 9504  
 Ion Ratio Lower Upper  
 107 100  
 109 93.9 75.0 112.6



#62  
 4-Bromofluorobenzene  
 Concen: 4.783 ug/l  
 RT: 12.38 min Scan# 3298  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Tgt Ion: 95 Resp: 10535  
 Ion Ratio Lower Upper  
 95 100  
 174 76.7 0.0 158.6  
 176 70.4 0.0 152.0

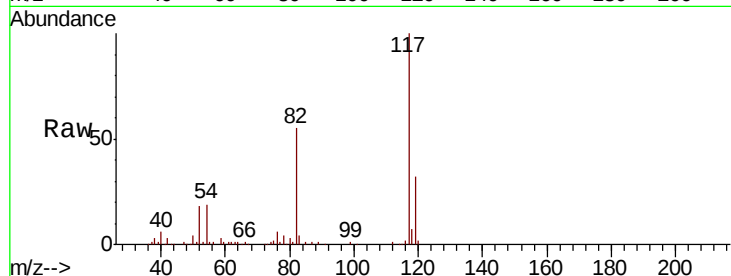




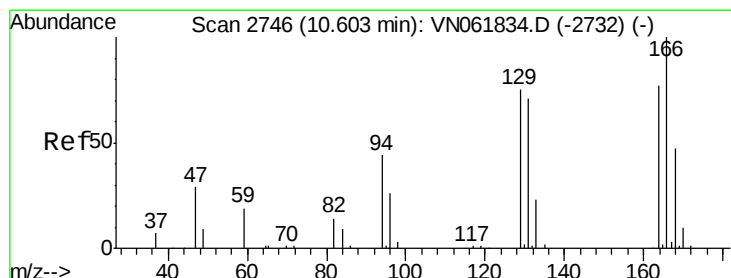
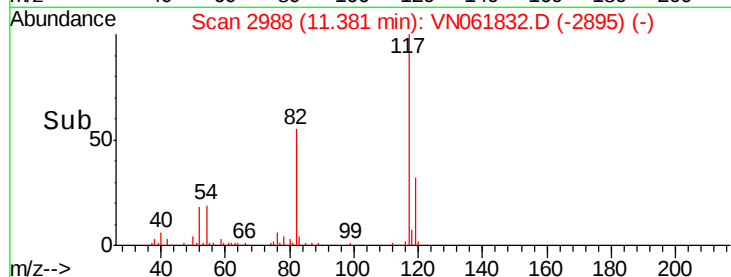
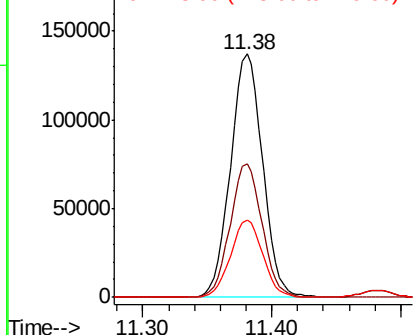
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion:117 Resp: 237763  
Ion Ratio Lower Upper  
117 100  
82 55.1 42.6 64.0  
119 31.8 24.7 37.1

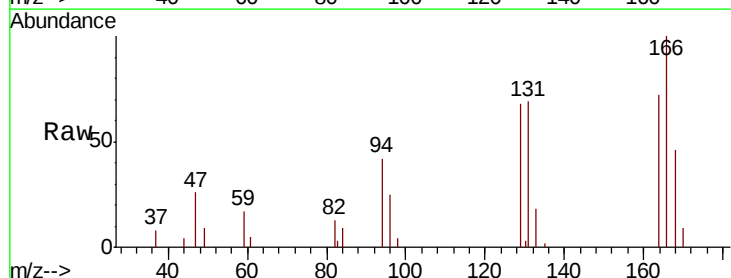


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

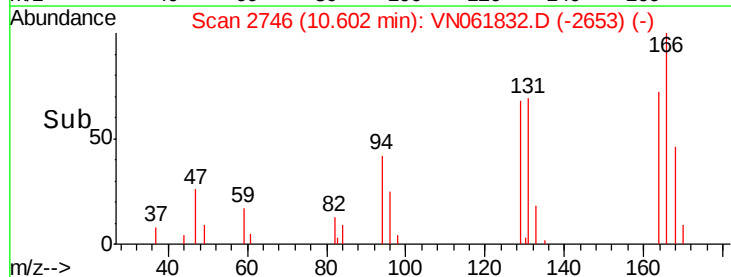
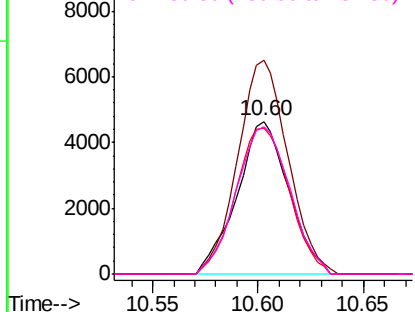


#64  
Tetrachloroethene  
Concen: 3.712 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion:164 Resp: 7898  
Ion Ratio Lower Upper  
164 100  
166 139.6 103.5 155.3  
129 95.3 77.5 116.3  
131 96.4 73.8 110.8



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

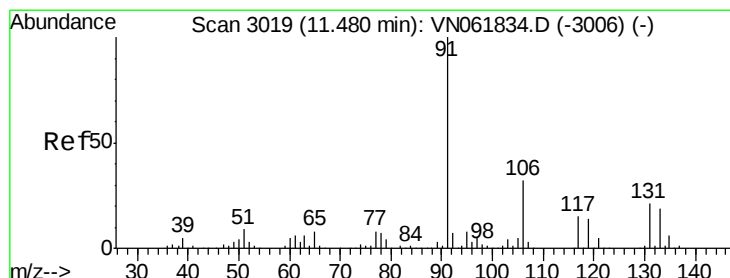
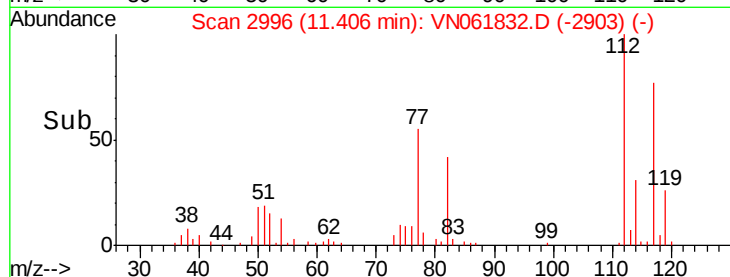
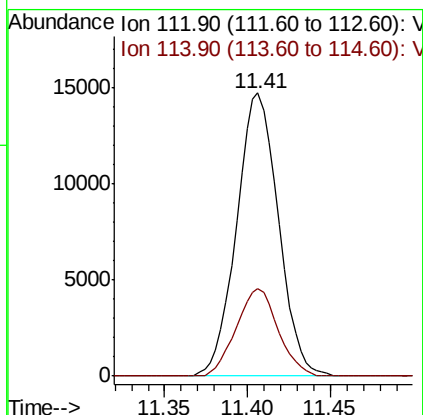
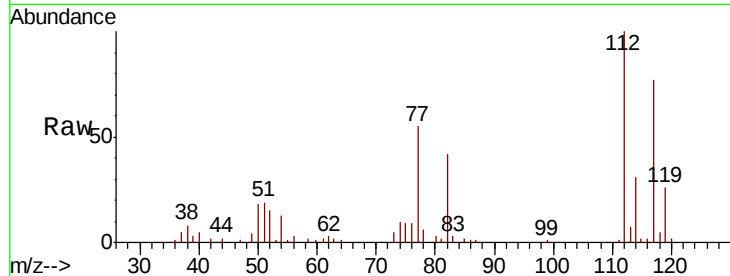




#65  
Chlorobenzene  
Concen: 5.194 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

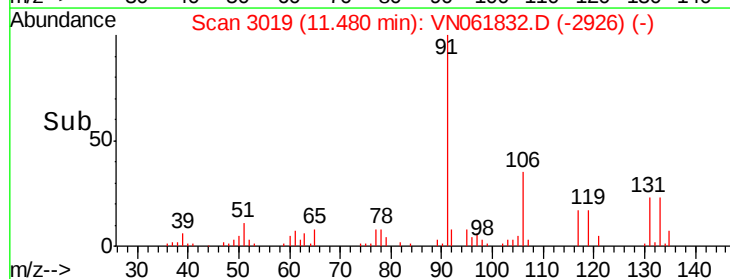
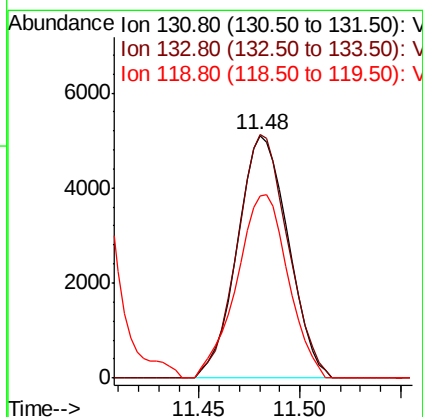
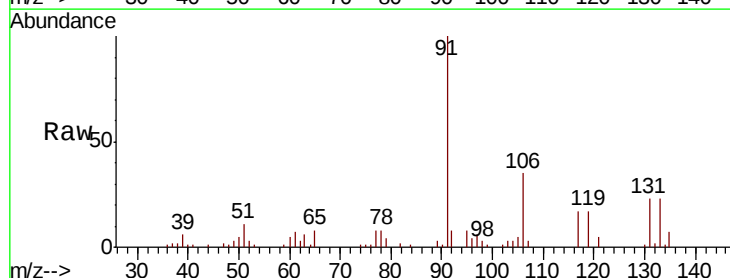
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

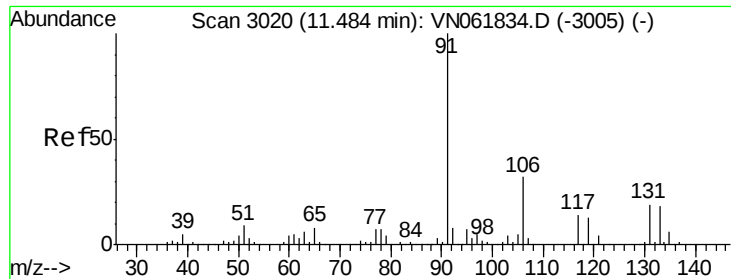
Tot Ion:112 Resp: 25755  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.909 ug/l  
RT: 11.48 min Scan# 3019  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion:131 Resp: 9009  
Ion Ratio Lower Upper  
131 100  
133 99.7 47.5 142.5  
119 76.5 34.0 101.8

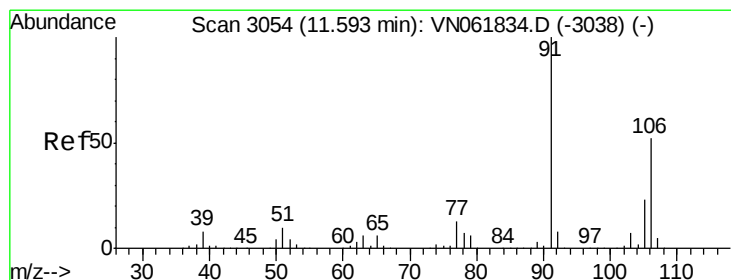
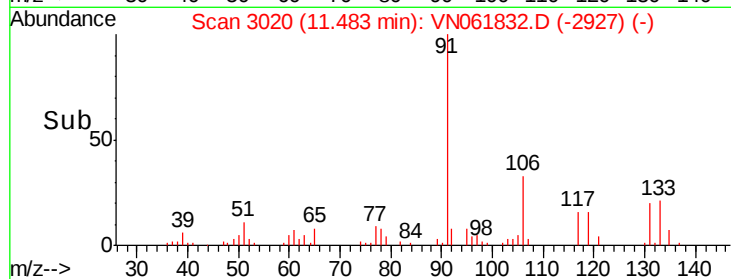
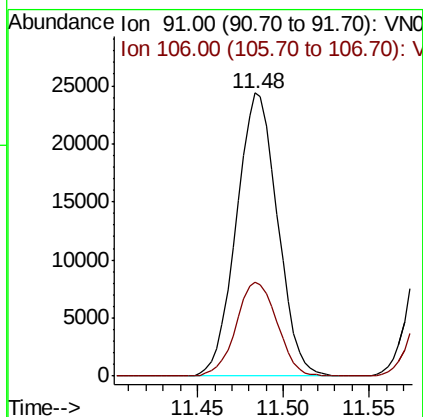
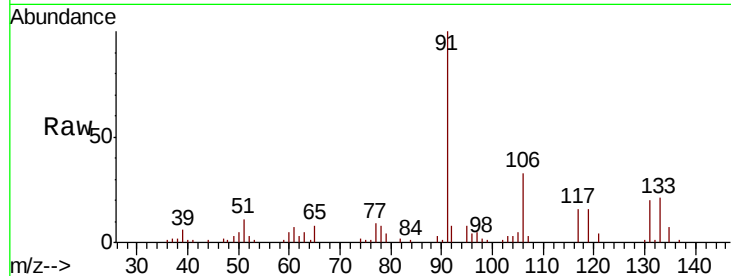




#67  
Ethyl Benzene  
Concen: 4.735 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

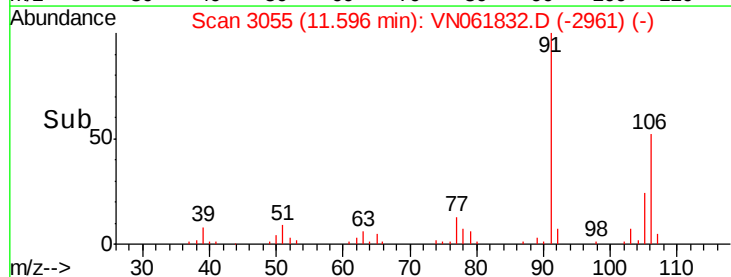
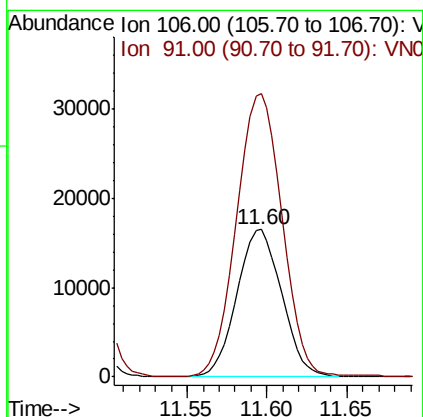
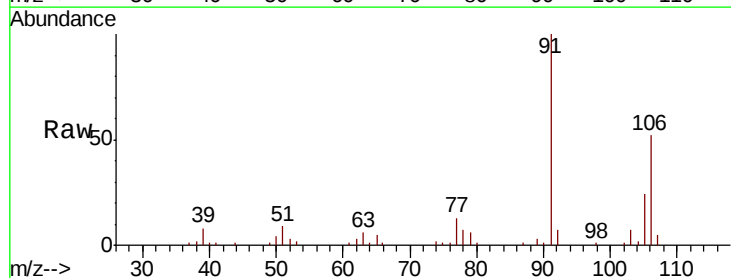
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

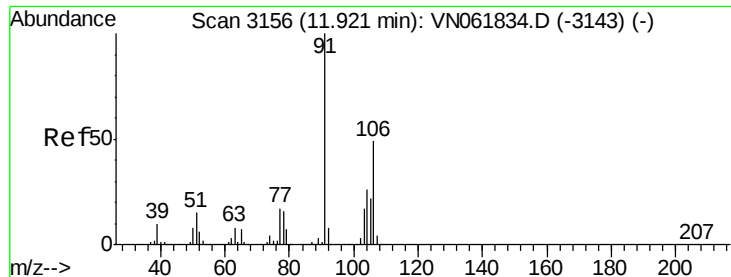
Tot Ion: 91 Resp: 40666  
Ion Ratio Lower Upper  
91 100  
106 33.4 25.4 38.2



#68  
m/p-Xylenes  
Concen: 9.303 ug/l  
RT: 11.60 min Scan# 3055  
Delta R.T. 0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion: 106 Resp: 31567  
Ion Ratio Lower Upper  
106 100  
91 196.2 157.0 235.6

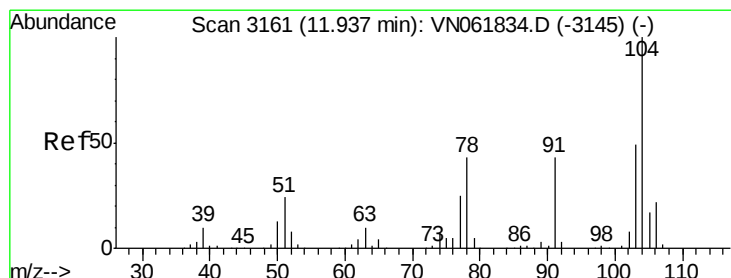
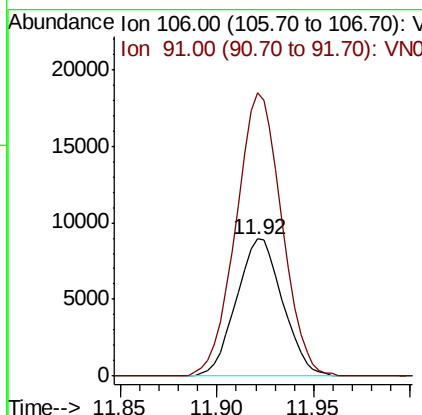
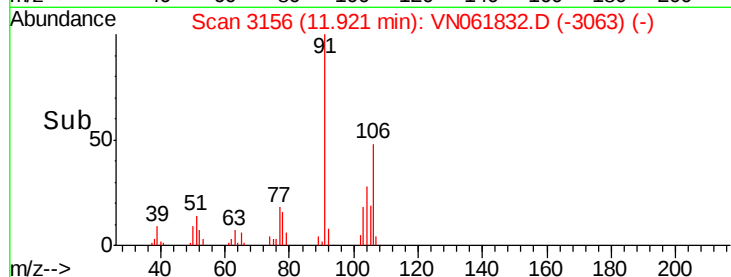
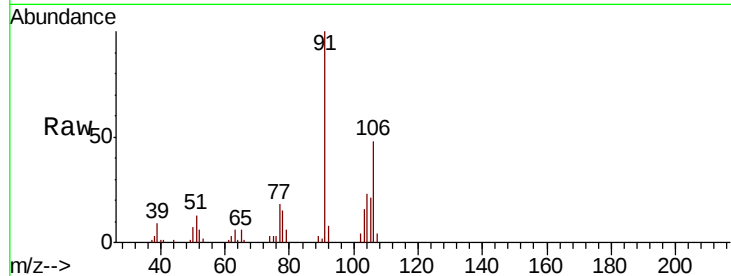




#69  
o-Xylene  
Concen: 4.605 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

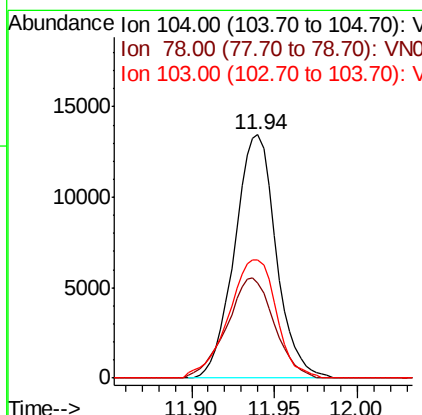
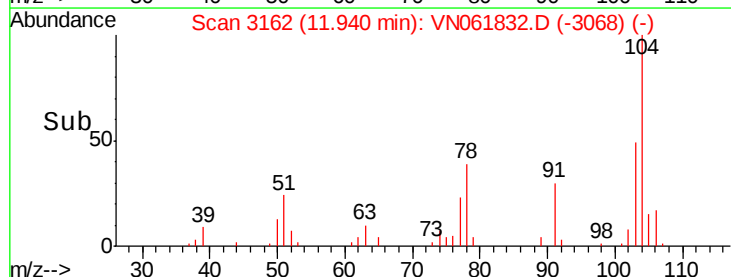
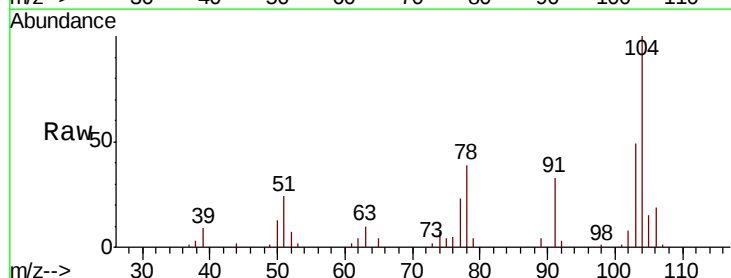
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

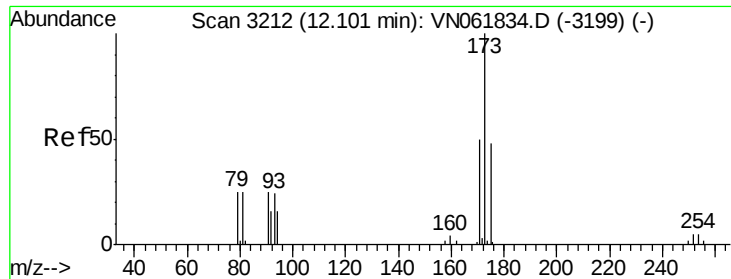
Tot Ion:106 Resp: 14859  
Ion Ratio Lower Upper  
106 100  
91 204.9 103.0 308.9



#70  
Styrene  
Concen: 4.376 ug/l  
RT: 11.94 min Scan# 3162  
Delta R.T. 0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion:104 Resp: 23410  
Ion Ratio Lower Upper  
104 100  
78 47.0 37.6 56.4  
103 56.1 43.0 64.4

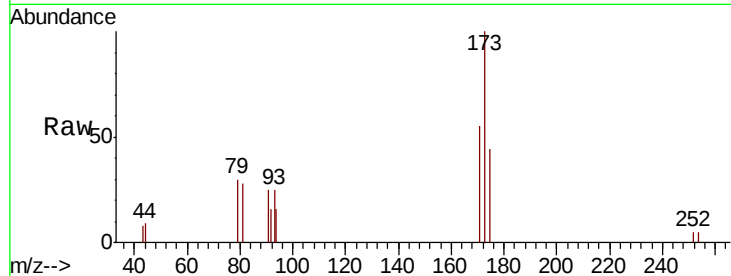




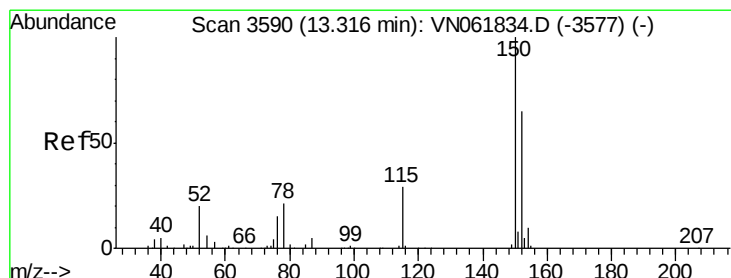
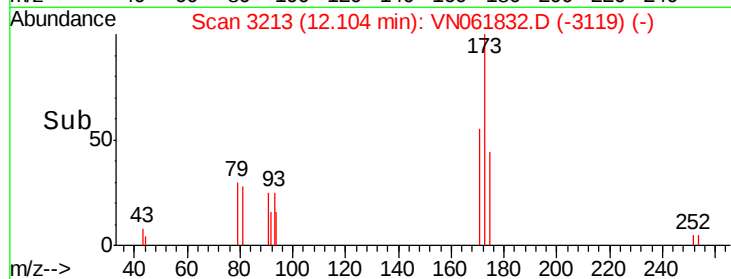
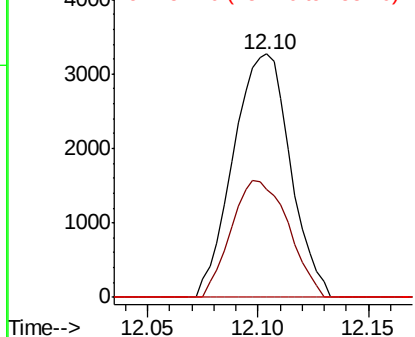
#71  
Bromoform  
Concen: 4.191 ug/l  
RT: 12.10 min Scan# 3213  
Delta R.T. 0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion:173 Resp: 5862  
Ion Ratio Lower Upper  
173 100  
175 48.2 23.9 71.7  
254 0.0 0.0 0.0

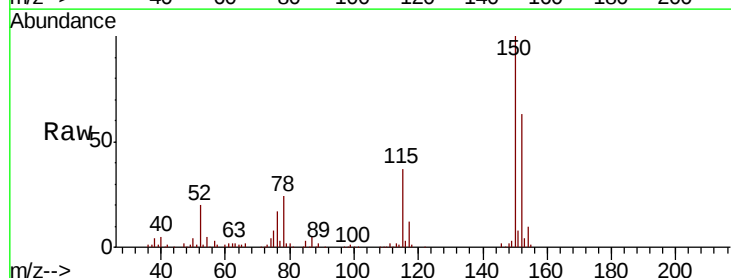


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

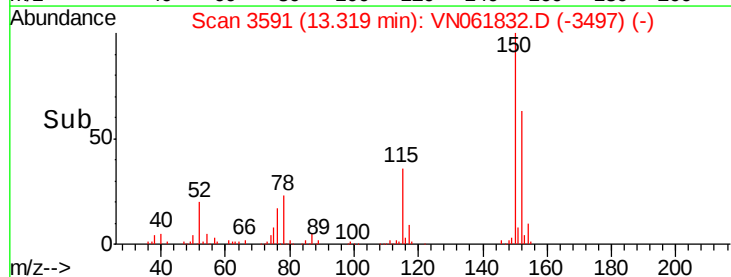
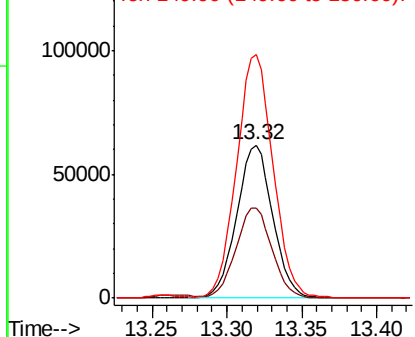


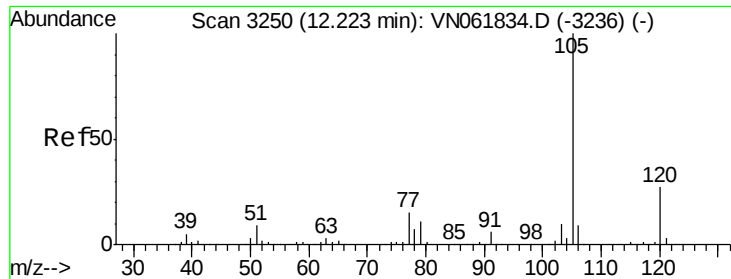
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3591  
Delta R.T. 0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion:152 Resp: 103298  
Ion Ratio Lower Upper  
152 100  
115 59.2 29.1 87.3  
150 160.0 0.0 347.6



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: 5.080 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

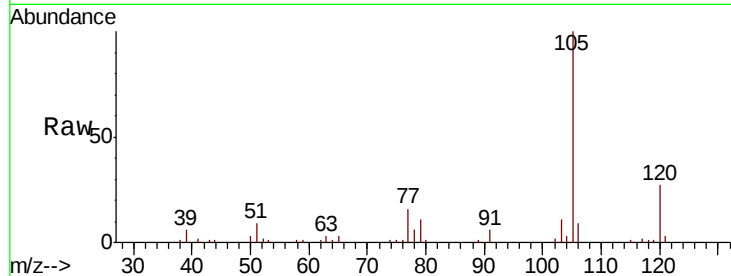
VSTDIC005

Tot Ion:105 Resp: 38559

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

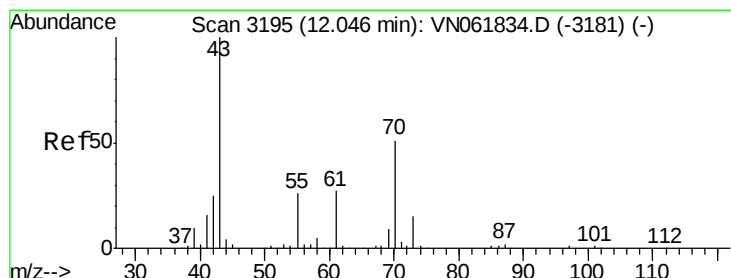
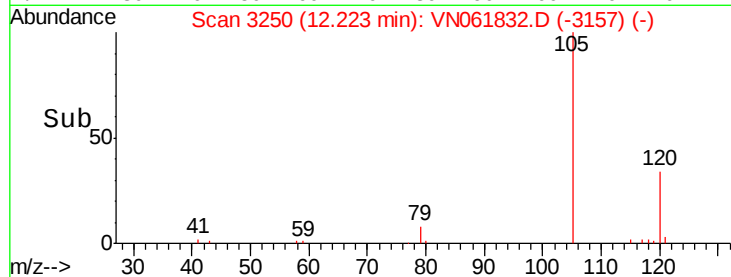
10000

5000

0

12.15 12.20 12.25

Time-->



#74

N-ethyl acetate

Concen: 4.612 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Tgt Ion: 43 Resp: 11037

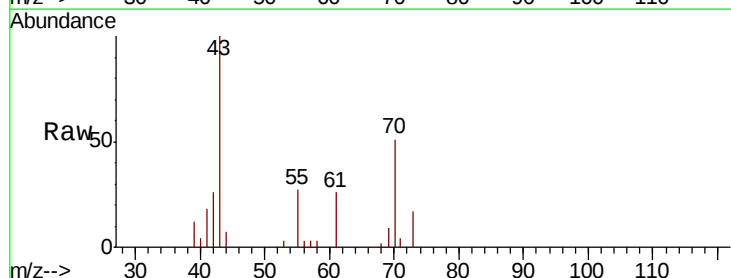
Ion Ratio Lower Upper

43 100

70 48.2 40.6 60.8

55 26.2 21.5 32.3

61 25.3 21.6 32.4



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

10000

8000

6000

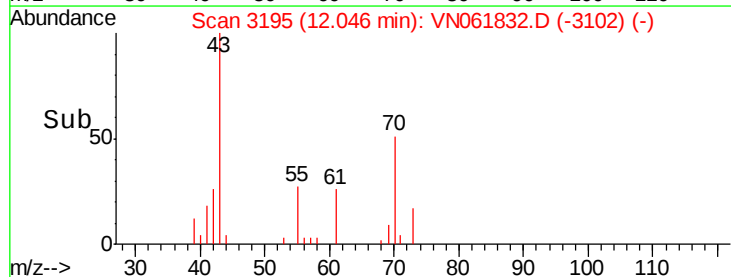
4000

2000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 6.050 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

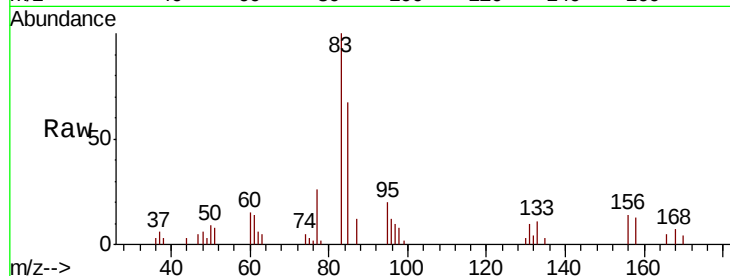
Tot Ion: 83 Resp: 13067

Ion Ratio Lower Upper

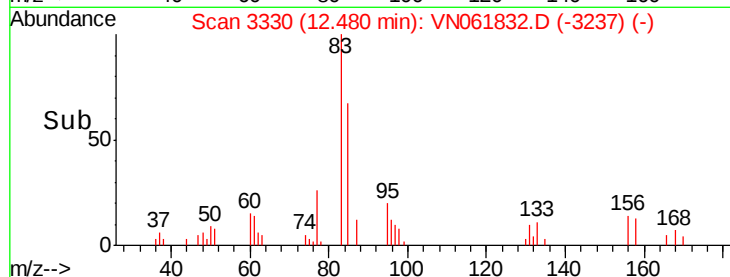
83 100

131 8.8 5.0 15.0

85 67.0 32.4 97.2

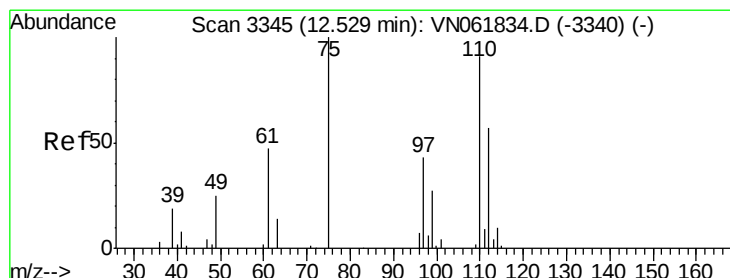
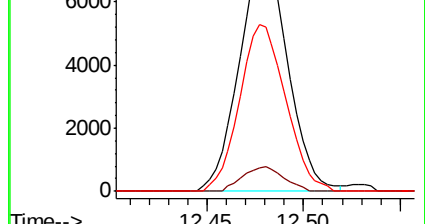


Abundance Ion 82.90 (82.60 to 83.60): VN061832.D (-3237) (-)



Ion 130.80 (130.50 to 131.50): VN061832.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061832.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 8.448 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061832.D

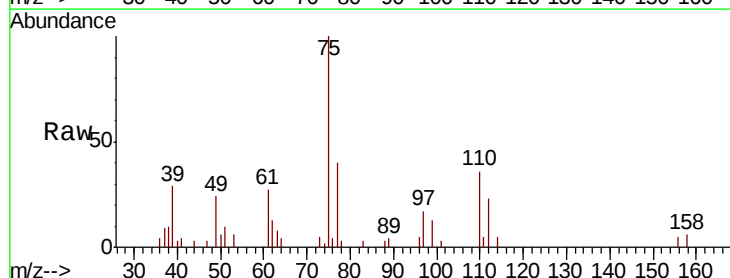
Acq: 16 Jun 2020 17:50

Tgt Ion: 75 Resp: 16060

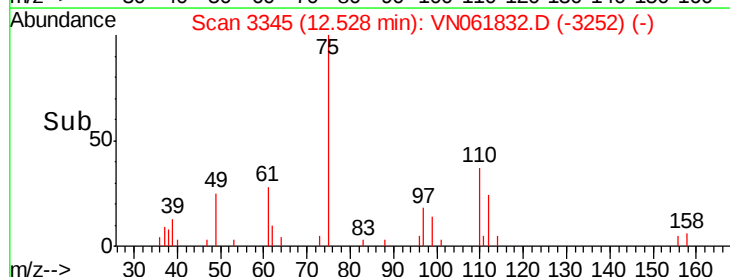
Ion Ratio Lower Upper

75 100

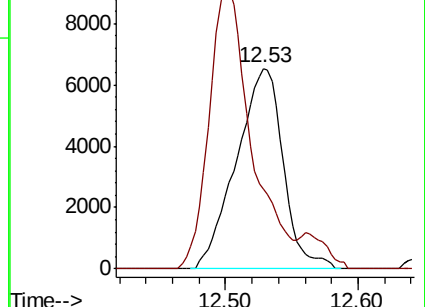
77 0.0 0.0 0.0

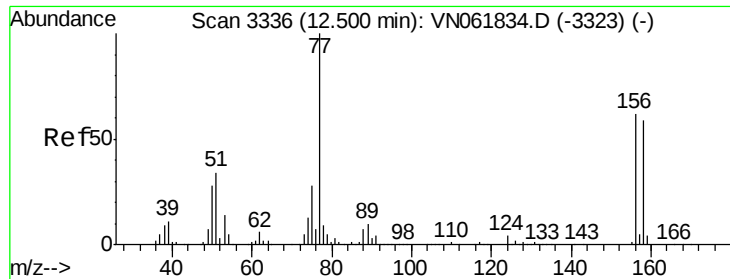


Abundance Ion 74.90 (74.60 to 75.60): VN061832.D (-3252) (-)



Ion 77.00 (76.70 to 77.70): VN061832.D (-3252) (-)

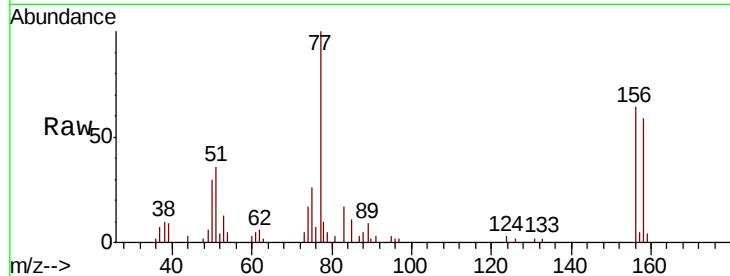




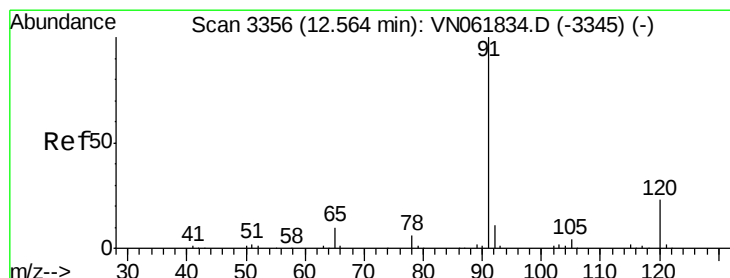
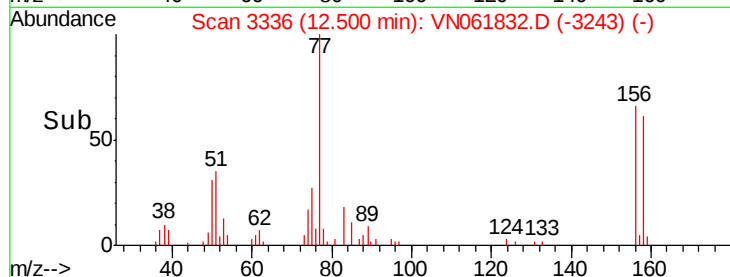
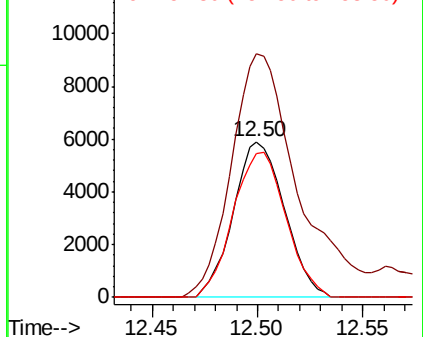
#77  
Bromobenzene  
Concen: 5.183 ug/l  
RT: 12.50 min Scan# 3336  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion:156 Resp: 9948  
Ion Ratio Lower Upper  
156 100  
77 204.6 100.7 302.1  
158 96.1 48.5 145.5

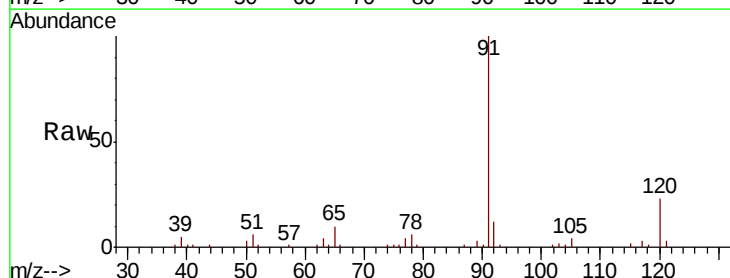


Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VN  
Ion 157.80 (157.50 to 158.50): V

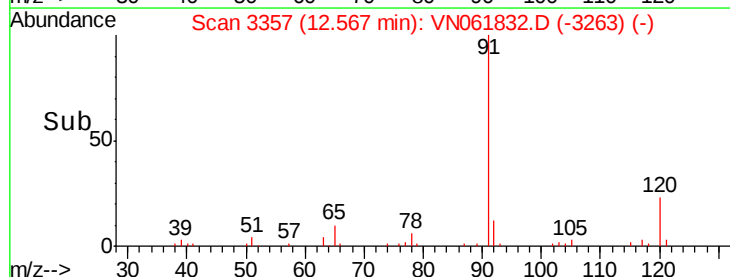
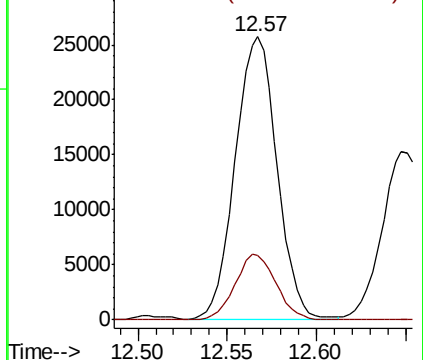


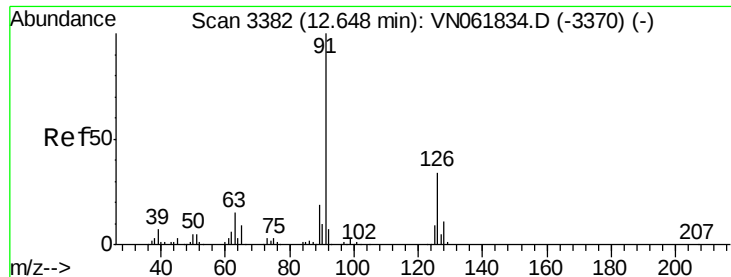
#78  
n-propylbenzene  
Concen: 4.978 ug/l  
RT: 12.57 min Scan# 3357  
Delta R.T. 0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion: 91 Resp: 42271  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN  
Ion 120.00 (119.70 to 120.70): V

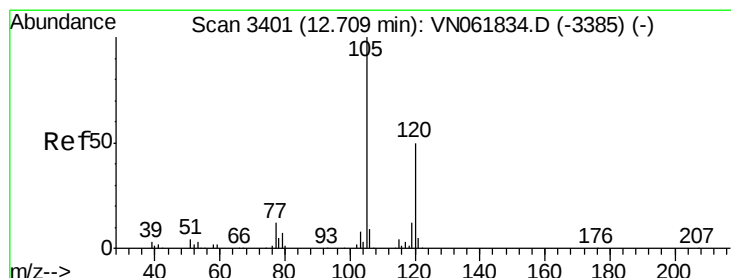
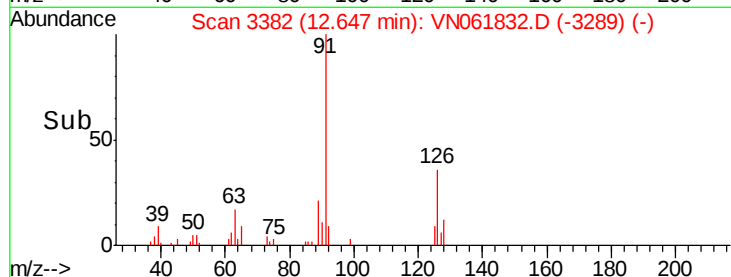
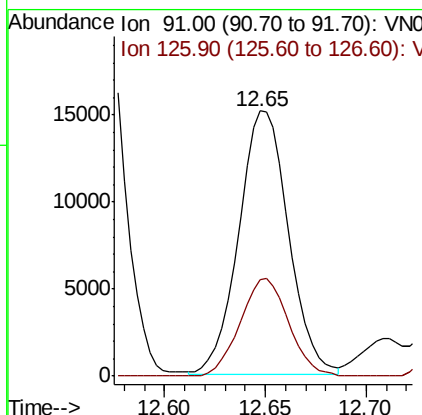
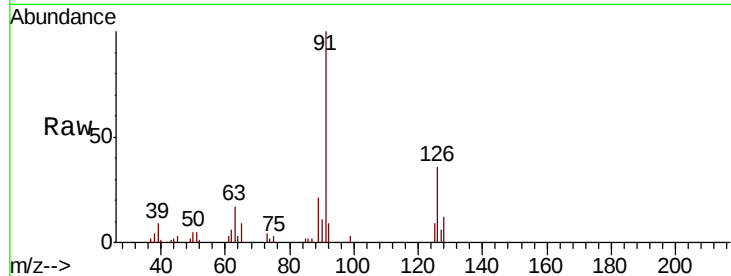




#79  
 2-Chlorotoluene  
 Concen: 5.176 ug/l  
 RT: 12.65 min Scan# 3382  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

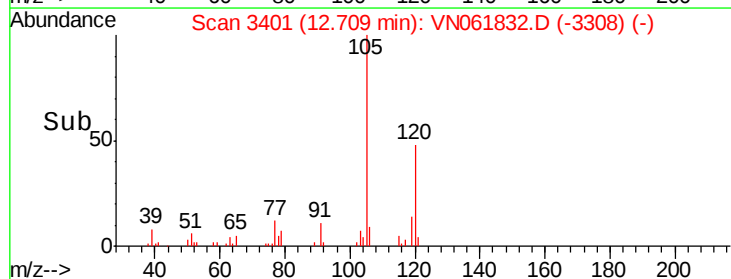
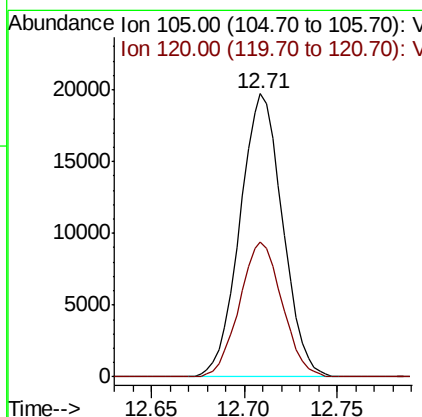
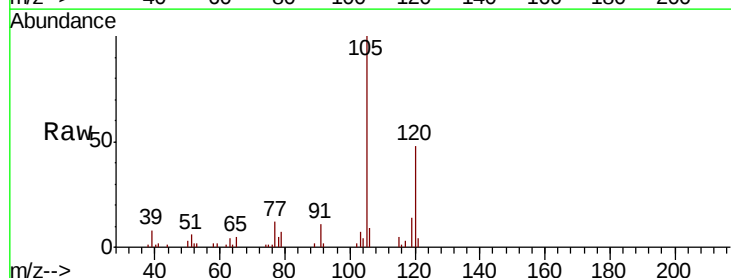
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

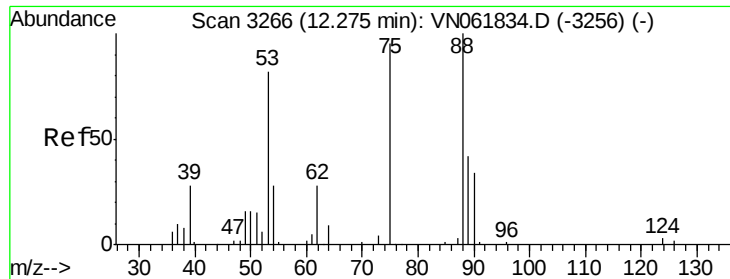
Tot Ion: 91 Resp: 26197  
 Ion Ratio Lower Upper  
 91 100  
 126 36.0 17.3 51.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 4.960 ug/l  
 RT: 12.71 min Scan# 3401  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Tgt Ion: 105 Resp: 31420  
 Ion Ratio Lower Upper  
 105 100  
 120 47.6 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 4.686 ug/l

RT: 12.27 min Scan# 3265

Delta R.T. -0.00 min

Lab File: VN061832.D

Acq: 16 Jun 2020 17:50

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC005

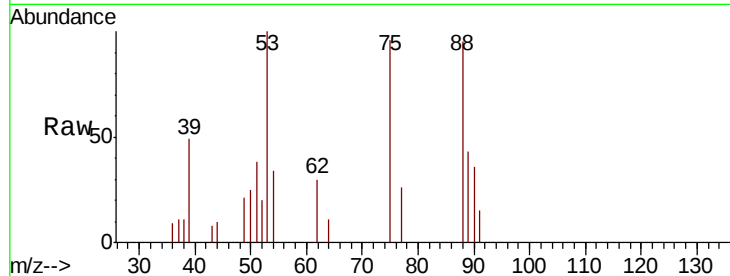
Tot Ion: 75 Resp: 3460

Ion Ratio Lower Upper

75 100

53 102.2 70.4 105.6

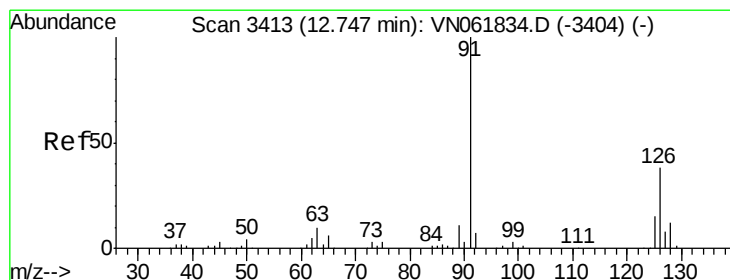
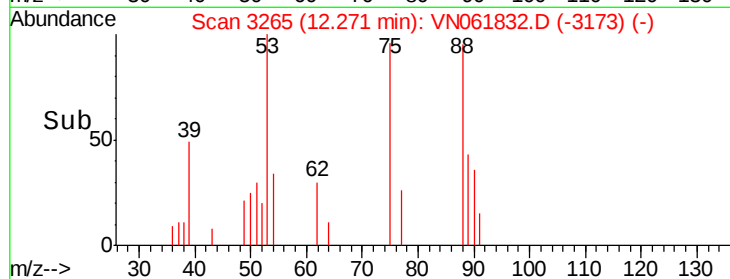
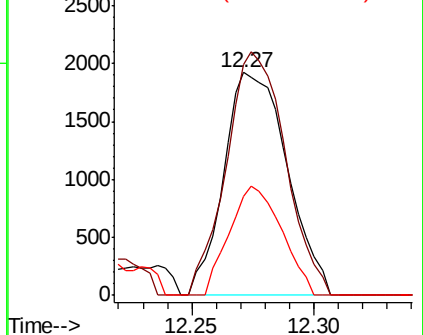
89 40.6 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 4.956 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061832.D

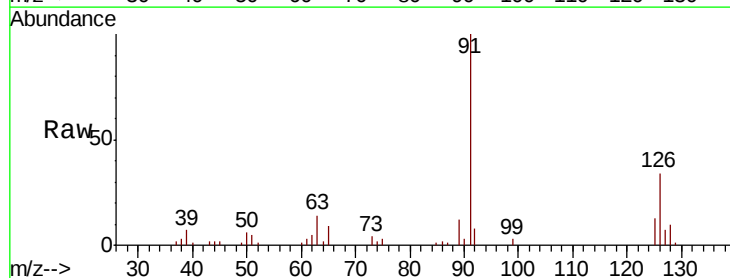
Acq: 16 Jun 2020 17:50

Tgt Ion: 91 Resp: 26349

Ion Ratio Lower Upper

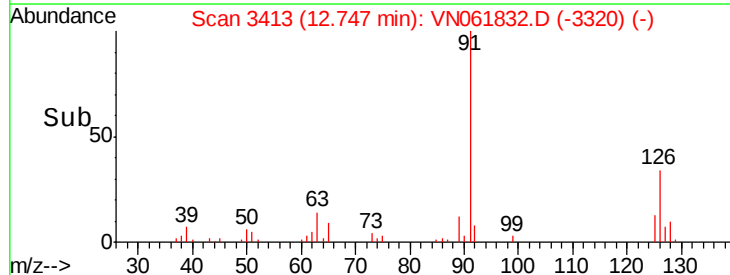
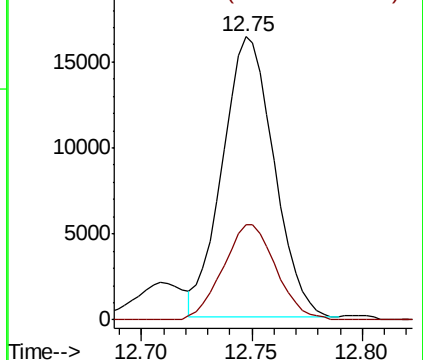
91 100

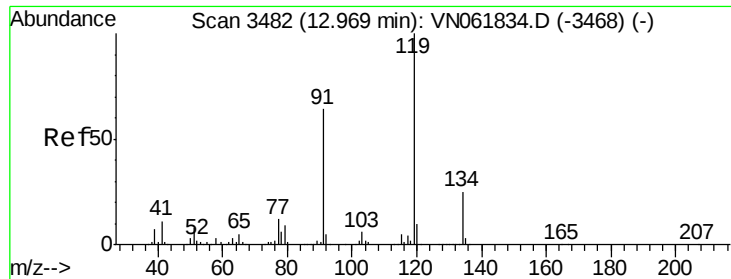
126 35.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

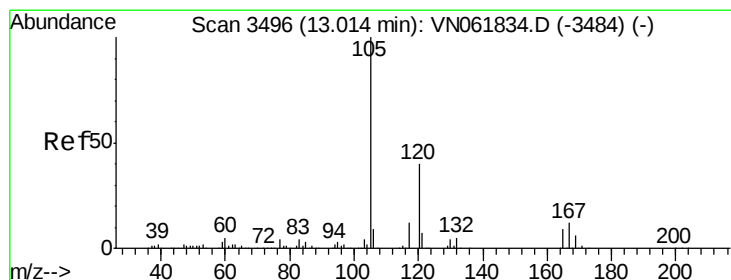
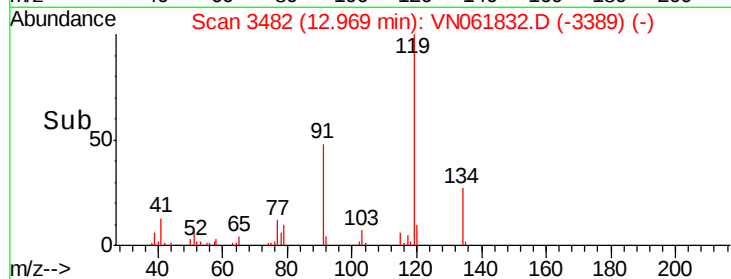
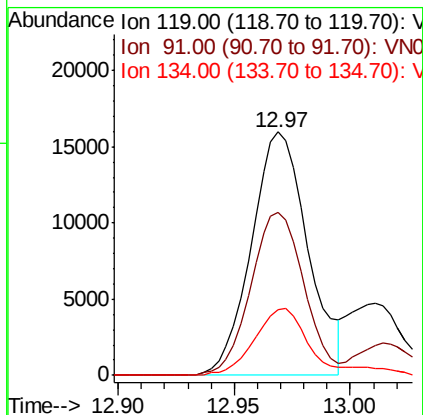
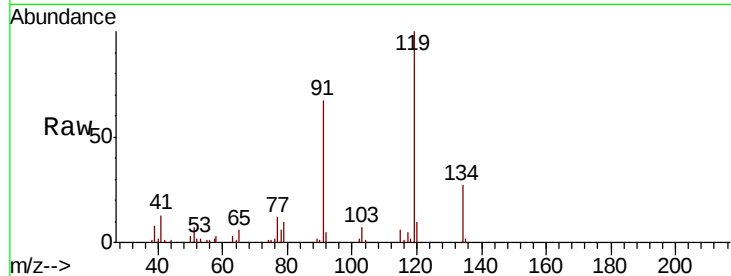




#83  
tert-Butylbenzene  
Concen: 4.868 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

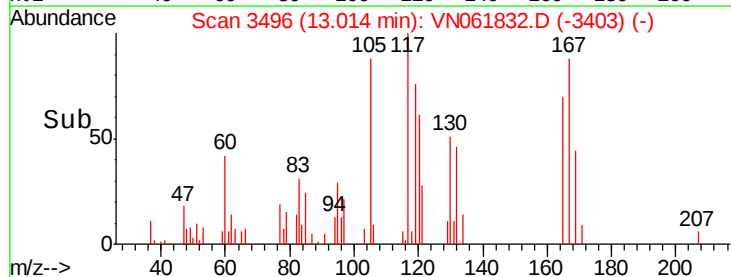
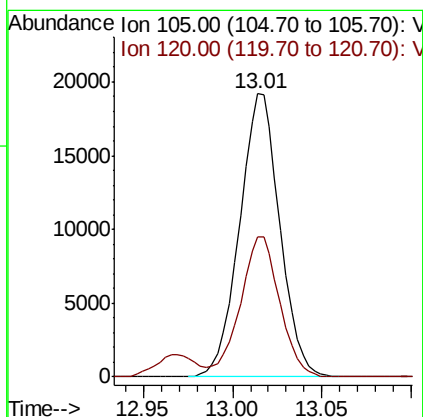
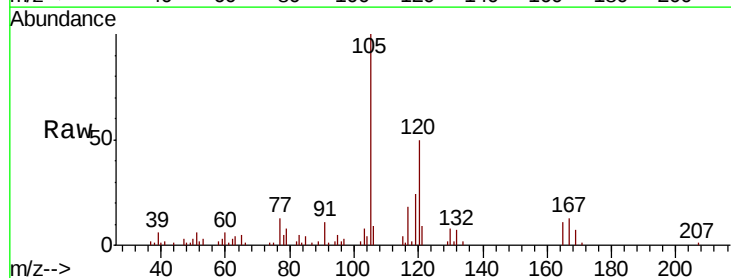
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

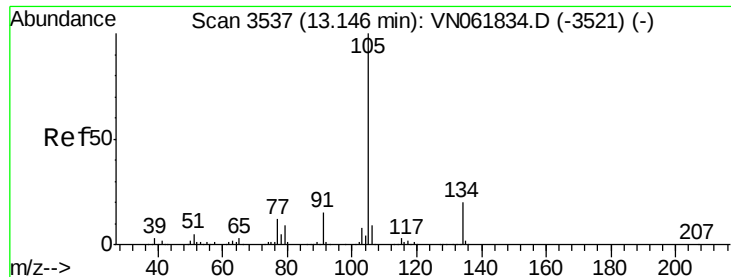
Tot Ion:119 Resp: 27112  
Ion Ratio Lower Upper  
119 100  
91 63.1 31.5 94.5  
134 27.8 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 4.806 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion:105 Resp: 30245  
Ion Ratio Lower Upper  
105 100  
120 48.5 23.3 69.9

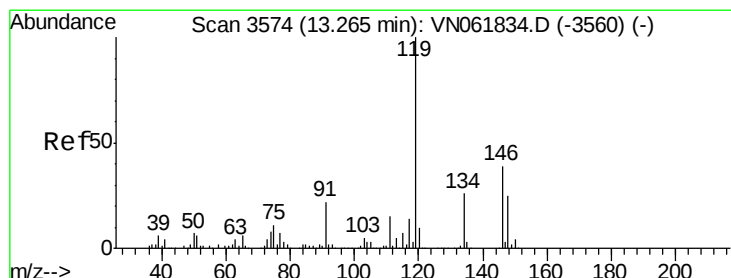
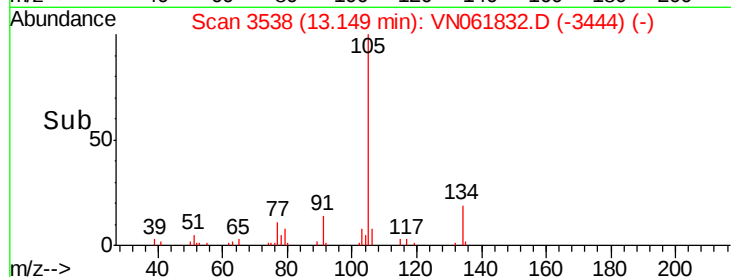
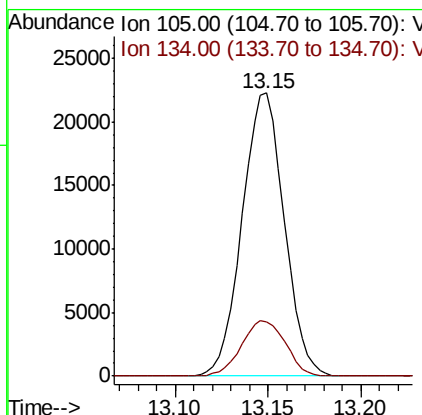
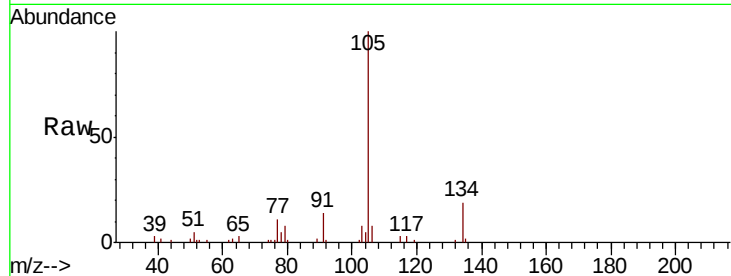




#85  
 sec-Butylbenzene  
 Concen: 4.891 ug/l  
 RT: 13.15 min Scan# 3538  
 Delta R.T. 0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

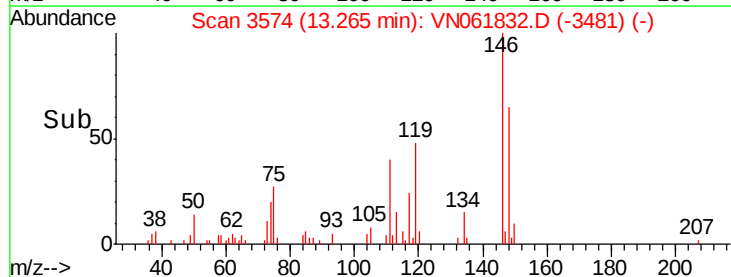
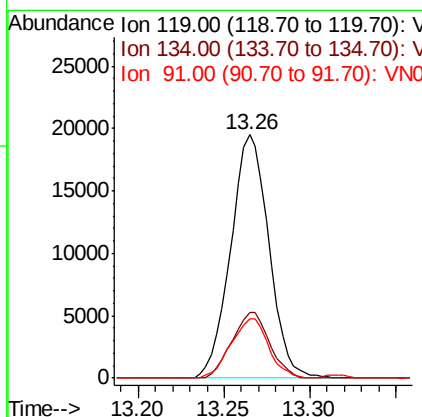
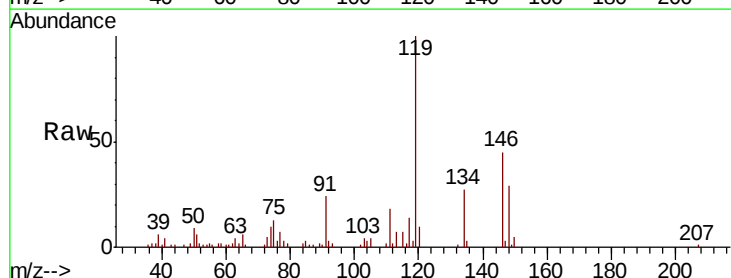
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

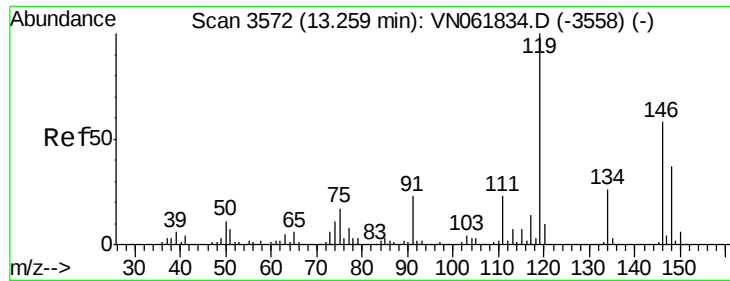
Tot Ion:105 Resp: 35121  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 4.557 ug/l  
 RT: 13.26 min Scan# 3574  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Tgt Ion:119 Resp: 30047  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.3 39.9  
 91 24.0 11.2 33.6

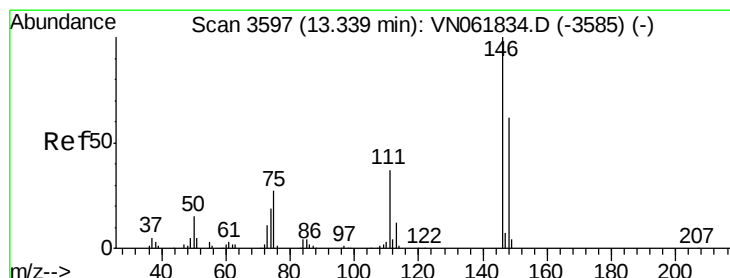
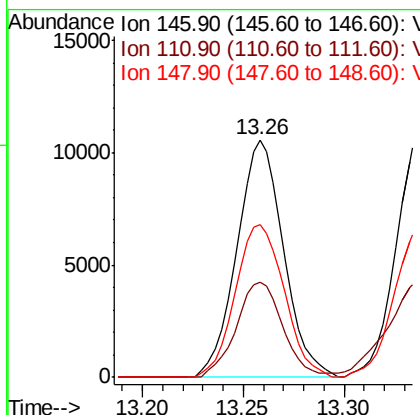
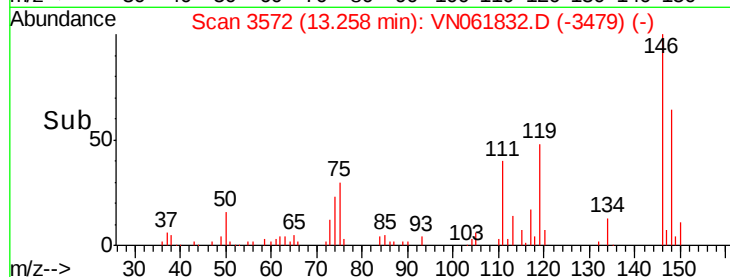
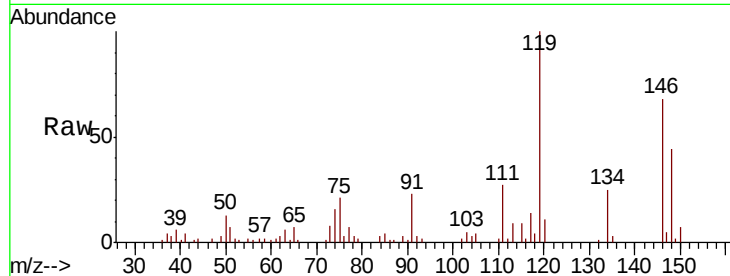




#87  
 1,3-Dichlorobenzene  
 Concen: 4.997 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

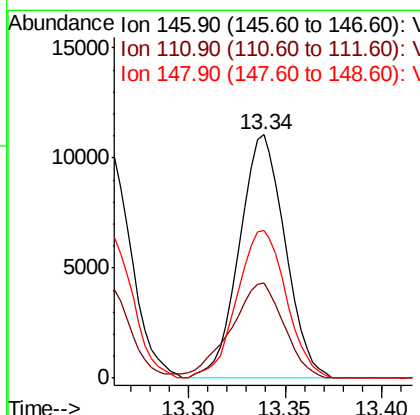
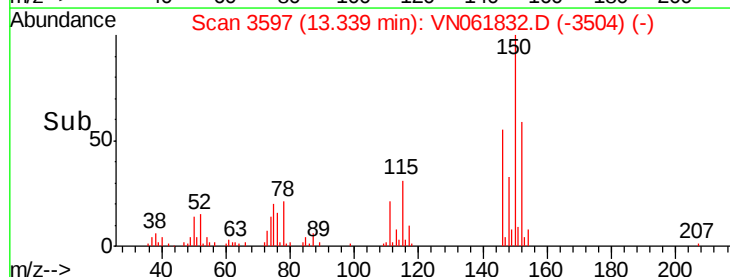
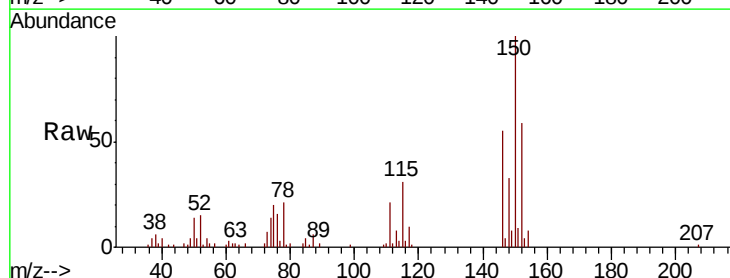
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

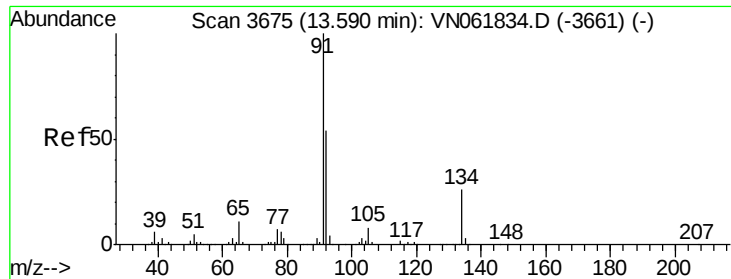
Tot Ion:146 Resp: 17104  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 19.6 58.8  
 148 67.5 31.8 95.4



#88  
 1,4-Dichlorobenzene  
 Concen: 5.224 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Tgt Ion:146 Resp: 18196  
 Ion Ratio Lower Upper  
 146 100  
 111 45.7 19.3 57.8  
 148 65.0 31.6 94.7

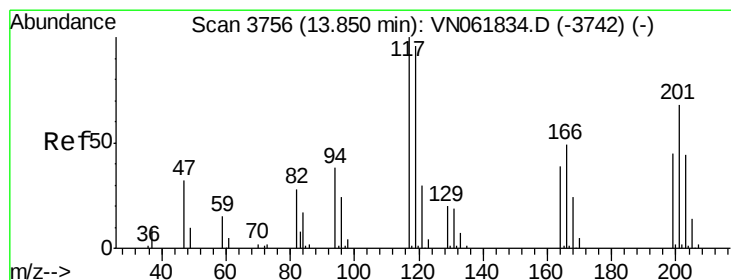
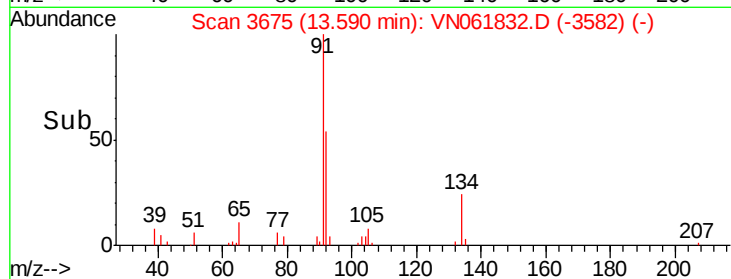
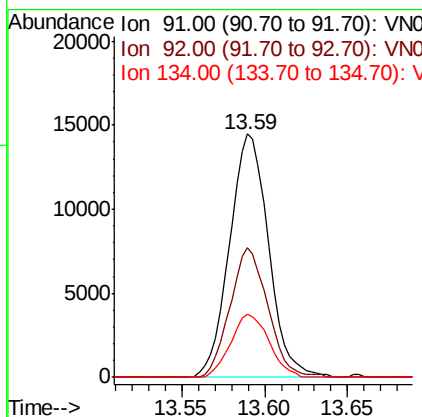
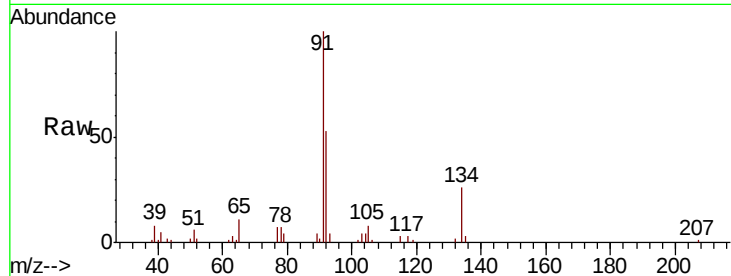




#89  
n-Butylbenzene  
Concen: 4.289 ug/l  
RT: 13.59 min Scan# 3675  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

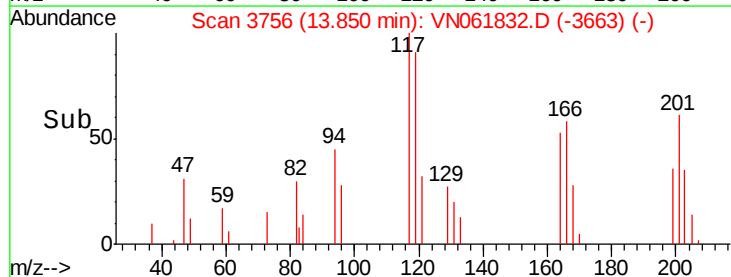
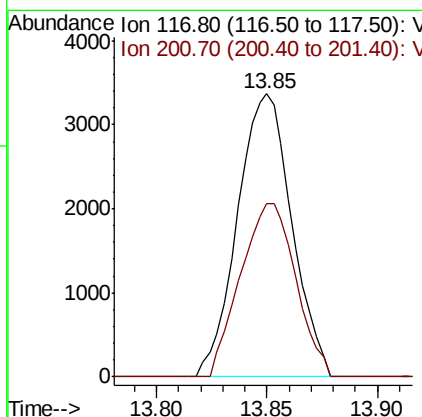
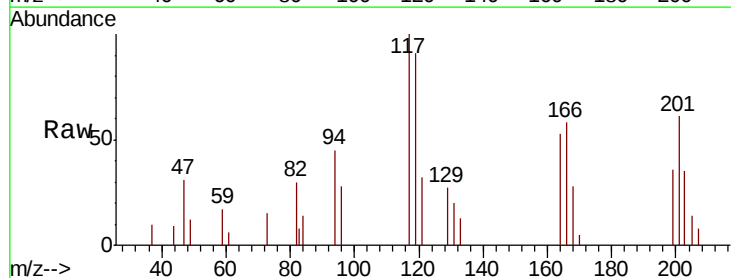
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 91 Resp: 23621  
Ion Ratio Lower Upper  
91 100  
92 51.8 27.0 80.8  
134 25.5 13.0 39.0



#90  
Hexachloroethane  
Concen: 7.166 ug/l  
RT: 13.85 min Scan# 3756  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion: 117 Resp: 5740  
Ion Ratio Lower Upper  
117 100  
201 62.2 34.6 103.8

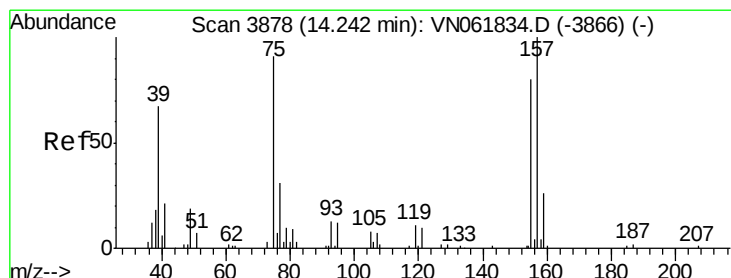
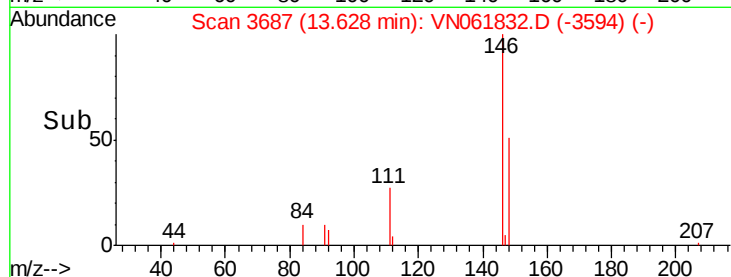
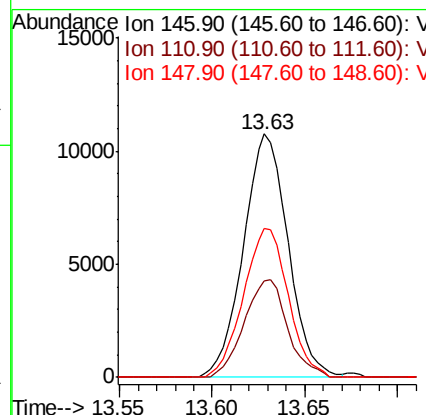
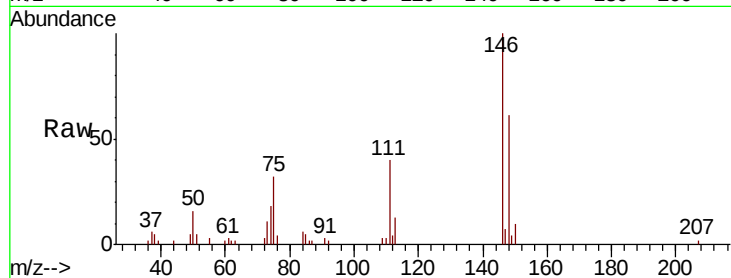




#91  
 1,2-Dichlorobenzene  
 Concen: 5.516 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

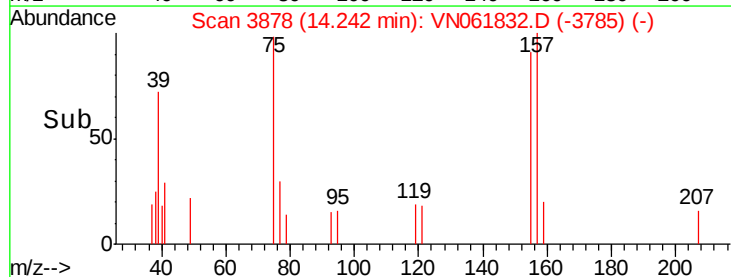
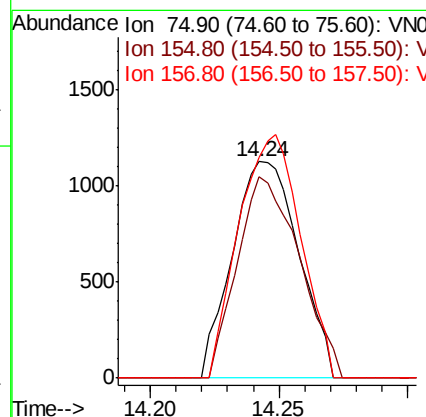
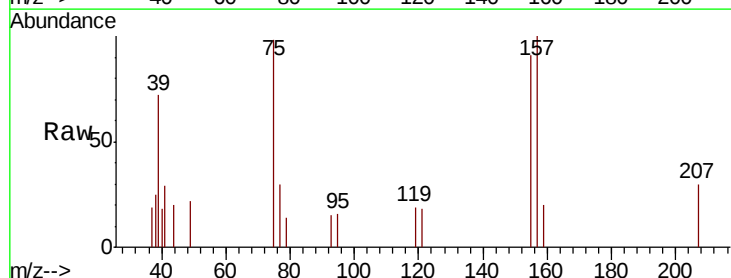
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

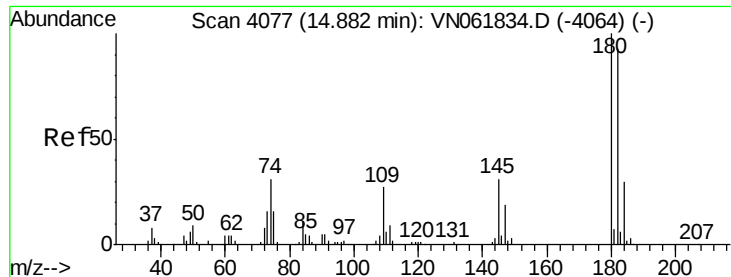
Tot Ion:146 Resp: 18069  
 Ion Ratio Lower Upper  
 146 100  
 111 38.9 20.4 61.2  
 148 61.2 31.8 95.4



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.701 ug/l  
 RT: 14.24 min Scan# 3878  
 Delta R.T. -0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Tgt Ion: 75 Resp: 2019  
 Ion Ratio Lower Upper  
 75 100  
 155 87.2 44.4 133.2  
 157 105.1 57.0 171.2

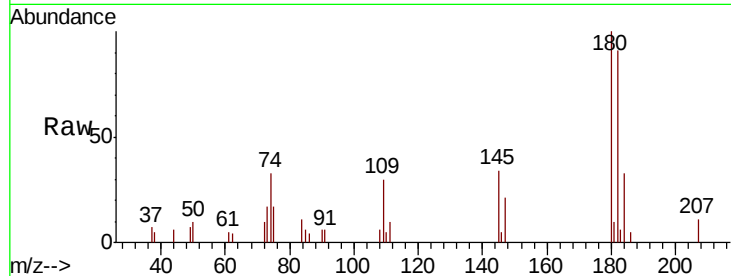




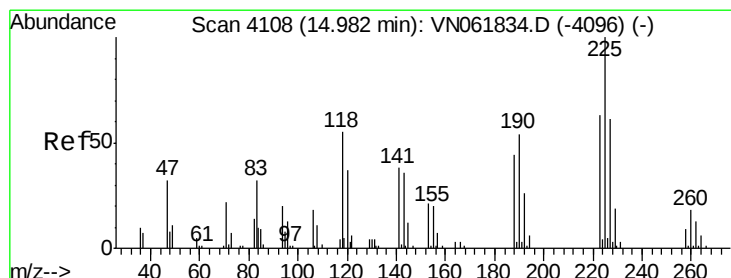
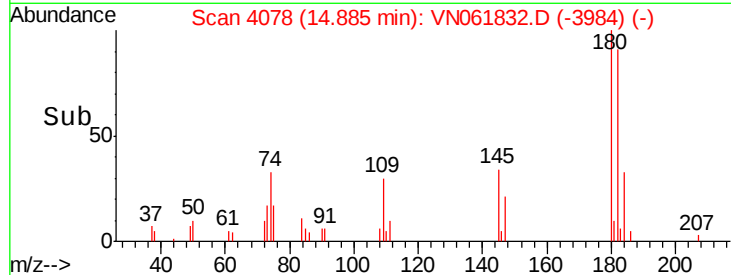
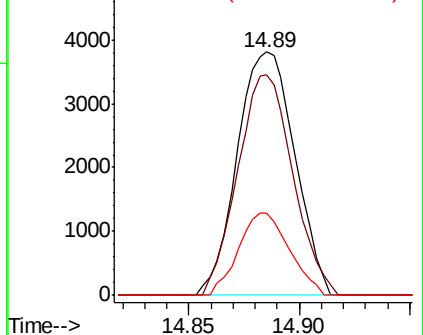
#93  
 1,2,4-Trichlorobenzene  
 Concen: 3.717 ug/l  
 RT: 14.89 min Scan# 4078  
 Delta R.T. 0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tot Ion:180 Resp: 6889  
 Ion Ratio Lower Upper  
 180 100  
 182 86.7 47.0 141.2  
 145 29.8 15.8 47.3

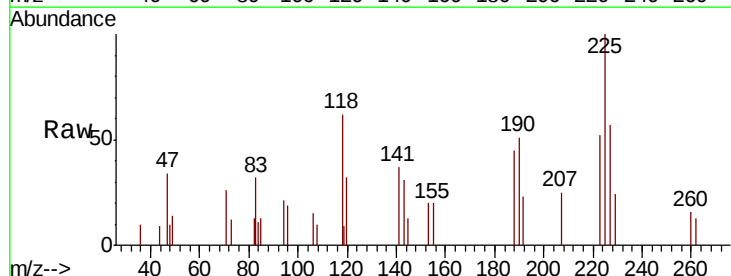


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

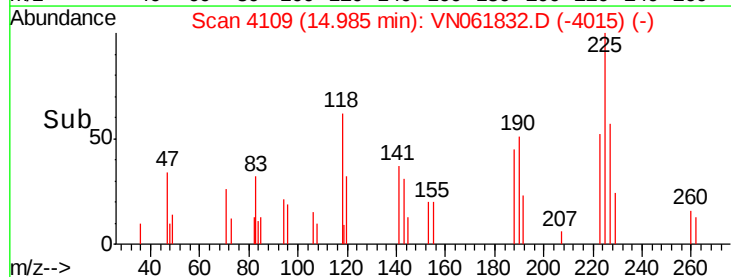
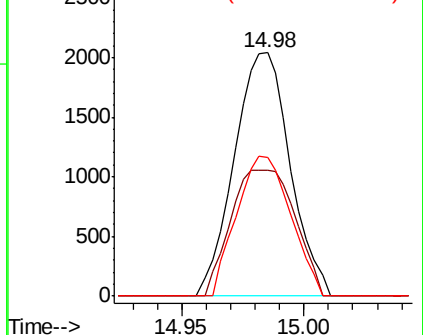


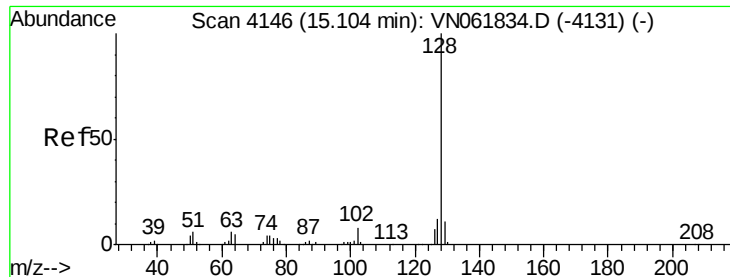
#94  
 Hexachlorobutadiene  
 Concen: 4.106 ug/l  
 RT: 14.98 min Scan# 4109  
 Delta R.T. 0.00 min  
 Lab File: VN061832.D  
 Acq: 16 Jun 2020 17:50

Tgt Ion:225 Resp: 3236  
 Ion Ratio Lower Upper  
 225 100  
 223 59.9 31.7 95.1  
 227 55.5 30.1 90.3



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

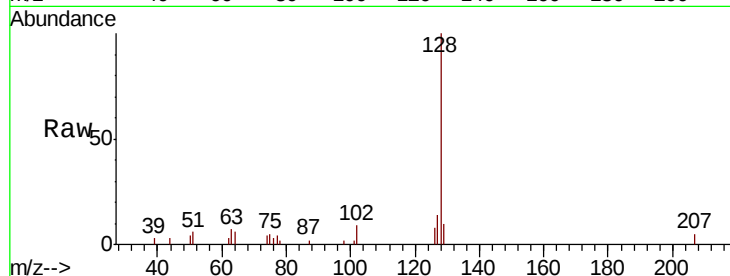




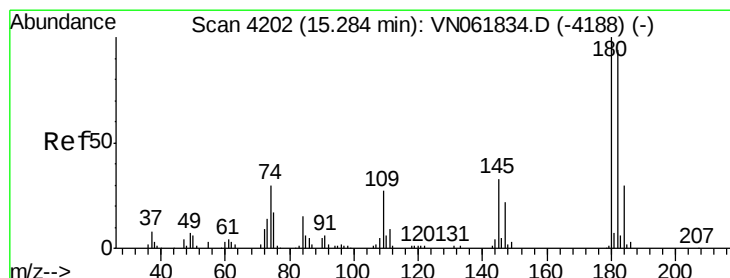
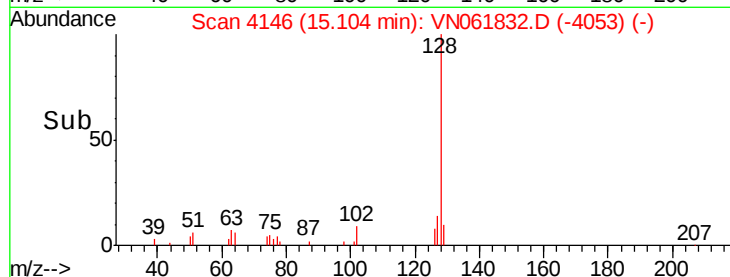
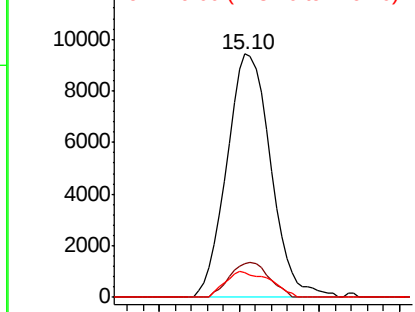
#95  
Naphthalene  
Concen: 3.182 ug/l  
RT: 15.10 min Scan# 4146  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion:128 Resp: 17730  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.8 8.6 13.0

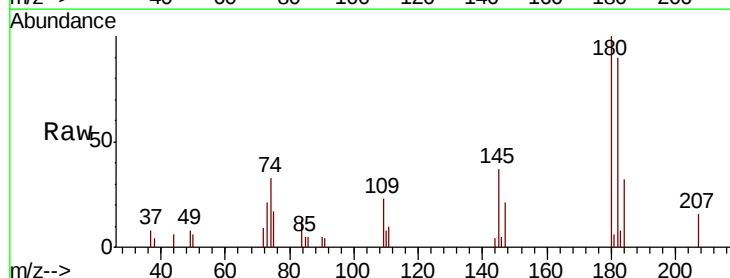


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 3.611 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. -0.00 min  
Lab File: VN061832.D  
Acq: 16 Jun 2020 17:50

Tgt Ion:180 Resp: 6582  
Ion Ratio Lower Upper  
180 100  
182 96.5 47.9 143.6  
145 33.1 16.5 49.5



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

