

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\  
 Data File : VN060189.D  
 Acq On : 21 Feb 2020 15:03  
 Operator : JC/MD  
 Sample : VN0221MBSD01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 21 22:25:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 12 14:12:21 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 176363   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.56  | 114  | 275591   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 256202   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 124908   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.00   | 65  | 111388   | 51.90 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.80% |      |
| 35) Dibromofluoromethane  | 7.56   | 113 | 88166    | 52.04 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.08% |      |
| 50) Toluene-d8            | 10.08  | 98  | 329858   | 49.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.90%  |      |
| 62) 4-Bromofluorobenzene  | 12.39  | 95  | 120886   | 49.31 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.62%  |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 32539  | 18.458  | ug/l   | 100    |
| 3) Chloromethane              | 2.04 | 50  | 37566  | 17.907  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.17 | 62  | 43281  | 18.100  | ug/l   | 99     |
| 5) Bromomethane               | 2.55 | 94  | 27463  | 18.730  | ug/l   | 99     |
| 6) Chloroethane               | 2.69 | 64  | 22681  | 18.753  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 56802  | 18.424  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.38 | 74  | 20621  | 20.093  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 31614  | 18.470  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.93 | 142 | 41506  | 19.635  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.72 | 59  | 30749  | 95.748  | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 31060  | 18.627  | ug/l   | 97     |
| 13) Acrolein                  | 3.58 | 56  | 25082  | 79.016  | ug/l   | 95     |
| 14) Allyl chloride            | 4.29 | 41  | 47693  | 19.433  | ug/l   | 95     |
| 15) Acrylonitrile             | 4.94 | 53  | 80613  | 102.787 | ug/l   | 98     |
| 16) Acetone                   | 3.78 | 43  | 75250  | 80.388  | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.03 | 76  | 85647  | 17.041  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.29 | 43  | 37007  | 21.045  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73  | 111151 | 19.822  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.52 | 84  | 35971  | 19.261  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 34833  | 19.164  | ug/l   | 93     |
| 22) Diisopropyl ether         | 5.91 | 45  | 108510 | 20.174  | ug/l   | 99     |
| 23) Vinyl Acetate             | 5.86 | 43  | 451814 | 100.029 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 63849  | 19.596  | ug/l   | 99     |
| 25) 2-Butanone                | 6.80 | 43  | 107138 | 91.003  | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.79 | 77  | 58104  | 18.775  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 41072  | 19.308  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.17 | 49  | 24615  | 19.216  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.18 | 42  | 70203  | 97.200  | ug/l   | 98     |
| 30) Chloroform                | 7.35 | 83  | 66986  | 19.626  | ug/l   | 99     |
| 31) Cyclohexane               | 7.63 | 56  | 56913  | 18.751  | ug/l # | 96     |
| 32) 1,1,1-Trichloroethane     | 7.54 | 97  | 59221  | 18.987  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 47947  | 18.783  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.89 | 43  | 46269  | 20.056  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 51461  | 18.563  | ug/l   | 93     |

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 Operator : JC/MD  
 Sample : VN0221MBSD01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 21 22:25:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 12 14:12:21 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.06  | 83   | 58441    | 18.443  | ug/l   | 100      |
| 40) Benzene                    | 8.02  | 78   | 145032   | 19.153  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 66198    | 68.422  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 54472    | 20.525  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 78533    | 19.914  | ug/l # | 92       |
| 44) Trichloroethene            | 8.81  | 130  | 39896    | 19.028  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 38067    | 20.306  | ug/l   | 99       |
| 46) Dibromomethane             | 9.19  | 93   | 26310    | 19.860  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.38  | 83   | 54087    | 20.082  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.18  | 41   | 33280    | 18.809  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 12421    | 410.864 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 226745   | 99.335  | ug/l   | 100      |
| 52) Toluene                    | 10.14 | 92   | 91945    | 18.935  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 58898    | 19.373  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 63577    | 19.860  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 38307    | 20.222  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 51276    | 19.134  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 62129    | 19.876  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 123320   | 98.780  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.74 | 43   | 162714   | 92.279  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.89 | 129  | 42038    | 19.338  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.99 | 107  | 37811    | 19.041  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.62 | 164  | 37213    | 19.107  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.42 | 112  | 98516    | 18.874  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 38922    | 19.711  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.50 | 91   | 179949   | 19.115  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.61 | 106  | 134123   | 37.960  | ug/l   | 100      |
| 69) o-Xylene                   | 11.94 | 106  | 65152    | 19.151  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 102841   | 18.746  | ug/l   | 100      |
| 71) Bromoform                  | 12.12 | 173  | 30014    | 18.898  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.24 | 105  | 176321   | 18.903  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.06 | 43   | 65076    | 19.348  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 52486    | 19.550  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 69876    | 29.240  | ug/l # | 100      |
| 77) Bromobenzene               | 12.52 | 156  | 43912    | 18.970  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 199057   | 18.731  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 117490   | 18.810  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 145767   | 18.796  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.29 | 75   | 18203    | 18.650  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 120310   | 18.774  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 128341   | 18.707  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.03 | 105  | 147558   | 19.275  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 168562   | 18.552  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 153075   | 18.595  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 76957    | 18.782  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 76559    | 18.688  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.61 | 91   | 135618   | 18.730  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 27460    | 17.856  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 75842    | 18.913  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 10554    | 17.994  | ug/l   | 95       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN022120\  
Data File : VN060189.D  
Acq On : 21 Feb 2020 15:03  
Operator : JC/MD  
Sample : VN0221MBSD01  
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Feb 21 22:25:36 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 12 14:12:21 2020  
Response via : Initial Calibration

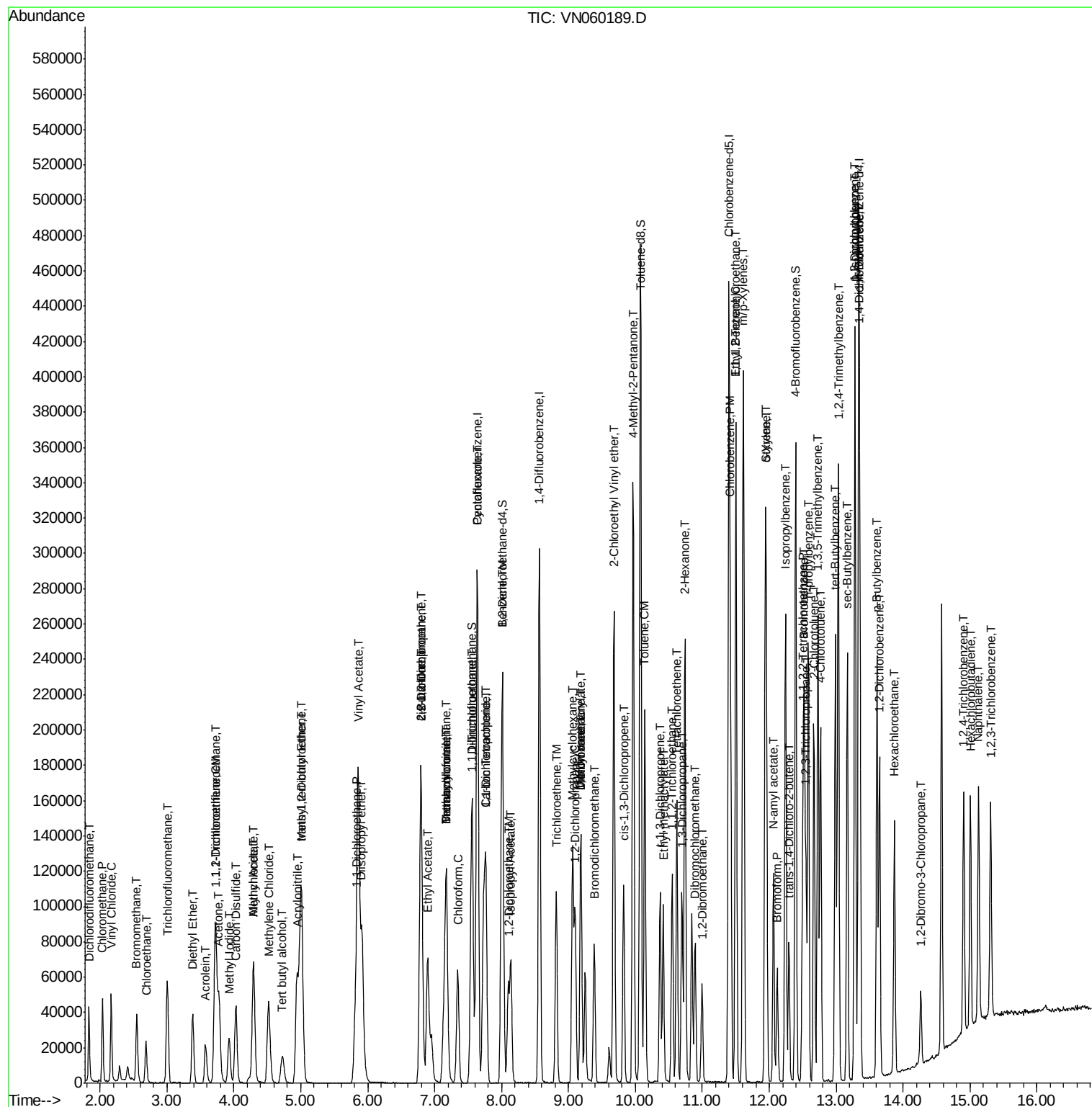
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.90 | 180  | 43860    | 18.615 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.00 | 225  | 25686    | 18.622 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 115662   | 18.173 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 44031    | 18.766 | ug/l  | 98       |

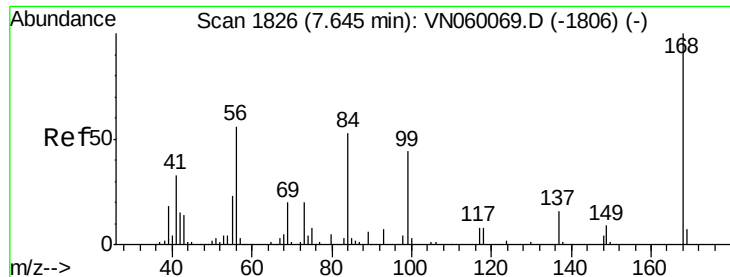
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022120\  
 Data File : VN060189.D  
 Acq On : 21 Feb 2020 15:03  
 Operator : JC/MD  
 Sample : VN0221MBS01  
 Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 21 22:25:36 2020  
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 12 14:12:21 2020  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

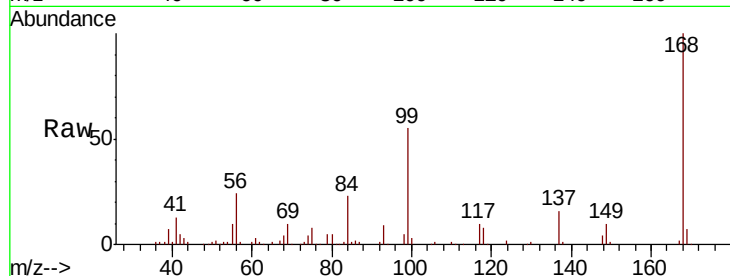
ClientSampled :

Tot Ion:168 Resp: 176363

Ion Ratio Lower Upper

168 100

99 55.3 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

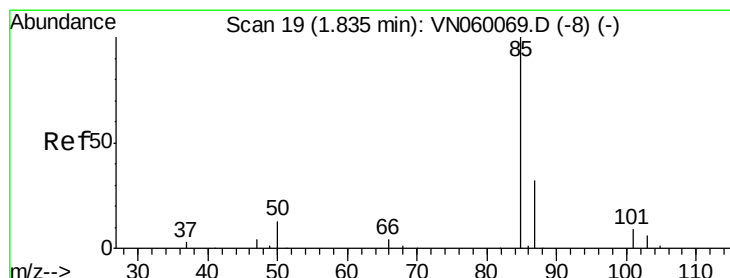
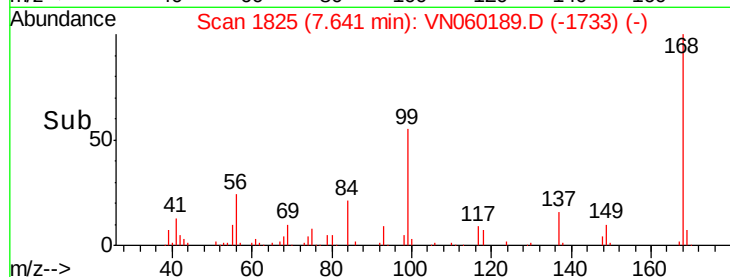
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.458 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060189.D

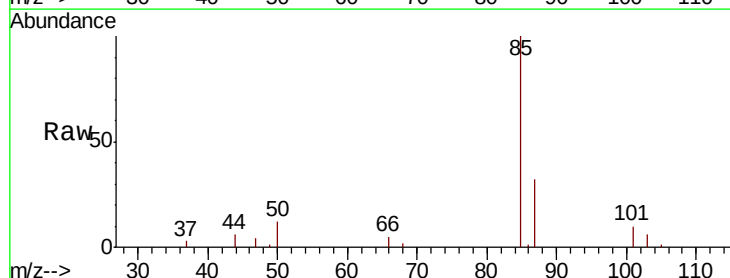
Acq: 21 Feb 2020 15:03

Tgt Ion: 85 Resp: 32539

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

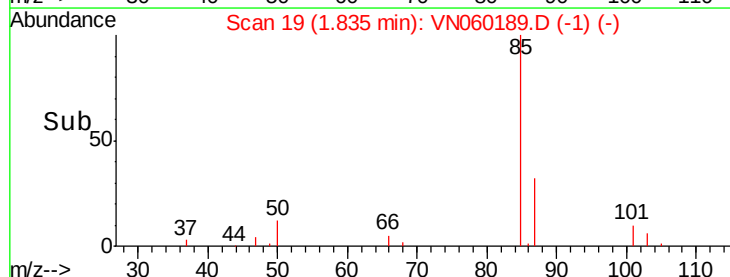
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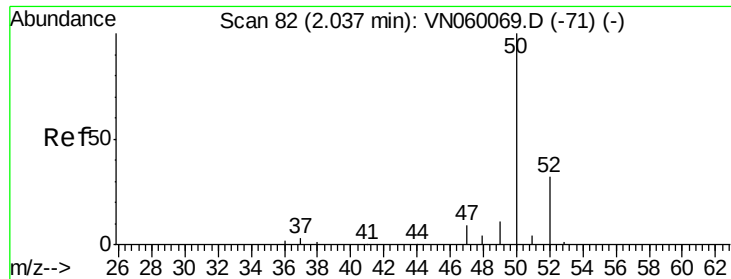
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.907 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

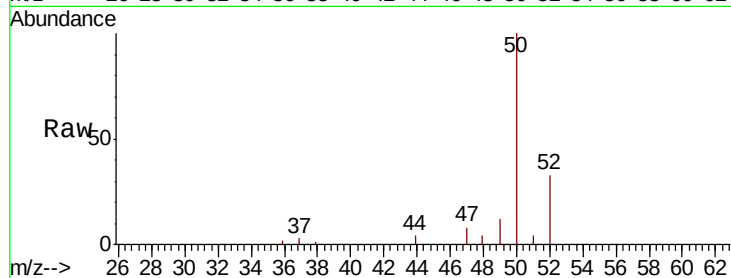
ClientSampled :

Tot Ion: 50 Resp: 37566

Ion Ratio Lower Upper

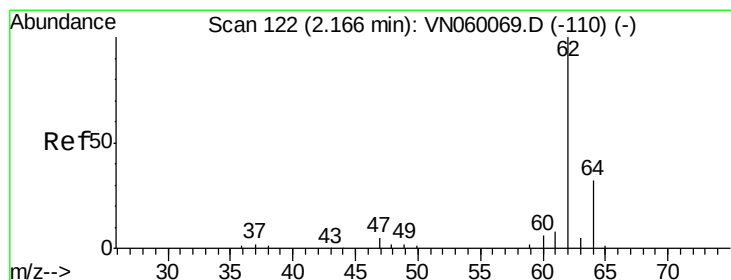
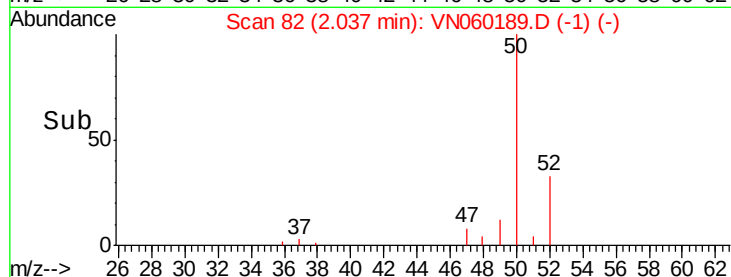
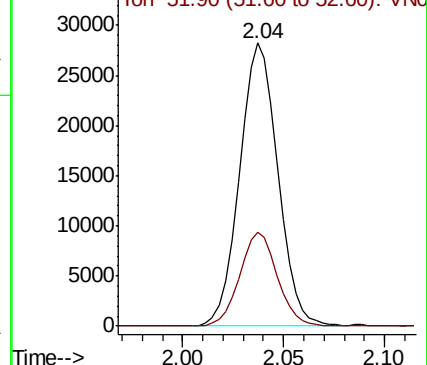
50 100

52 33.2 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 18.100 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060189.D

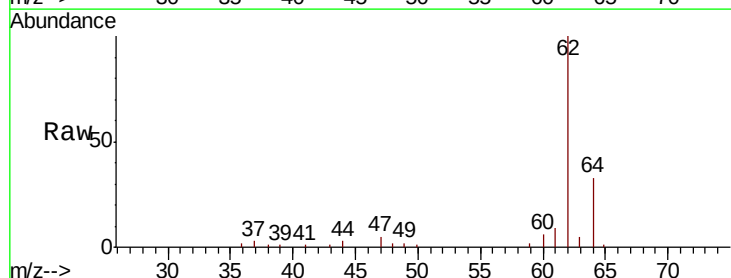
Acq: 21 Feb 2020 15:03

Tgt Ion: 62 Resp: 43281

Ion Ratio Lower Upper

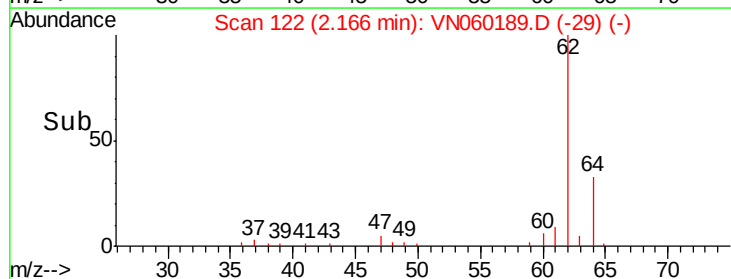
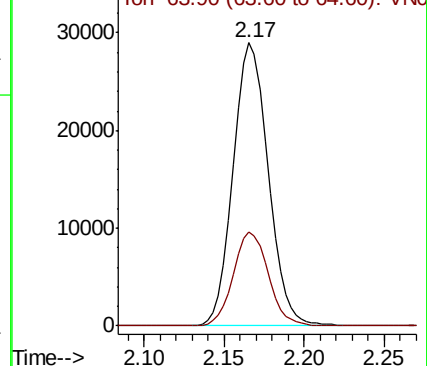
62 100

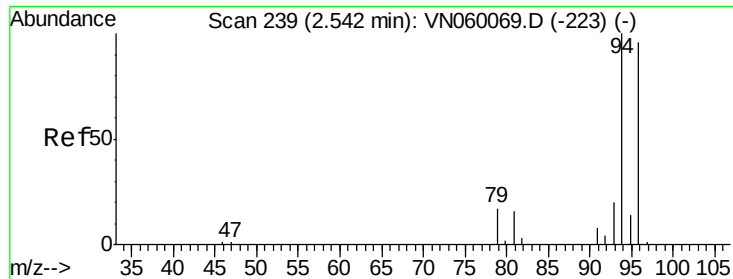
64 33.1 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

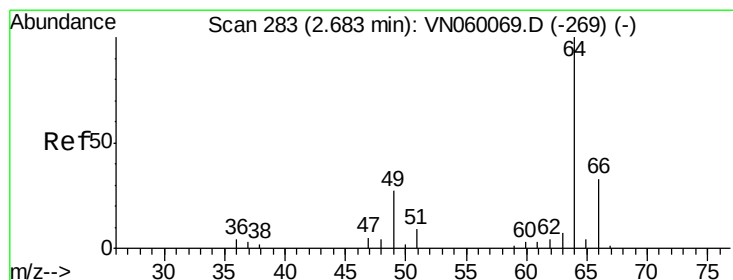
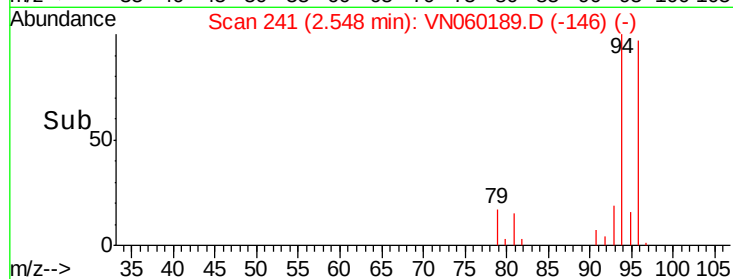
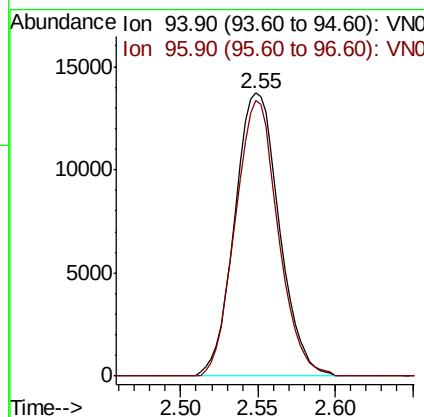
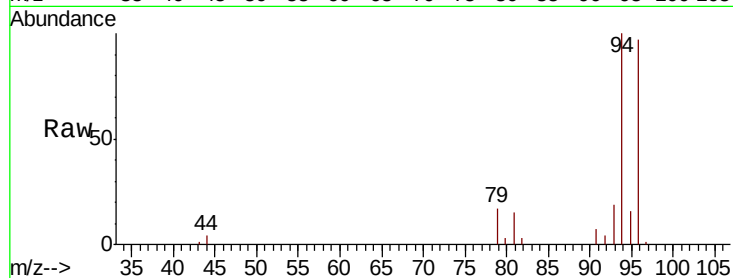




#5  
Bromomethane  
Concen: 18.730 ug/l  
RT: 2.55 min Scan# 241  
Delta R.T. 0.01 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

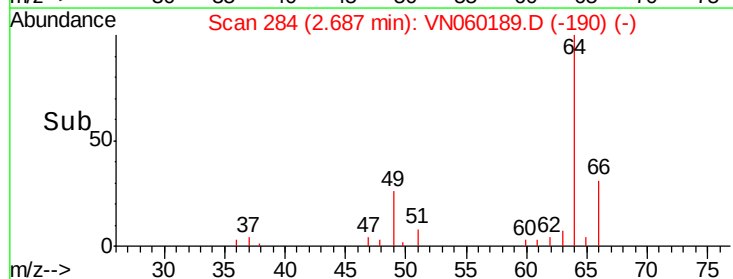
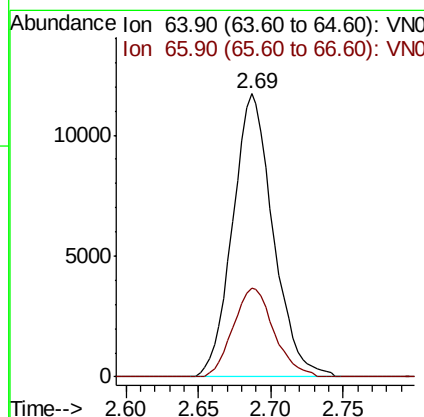
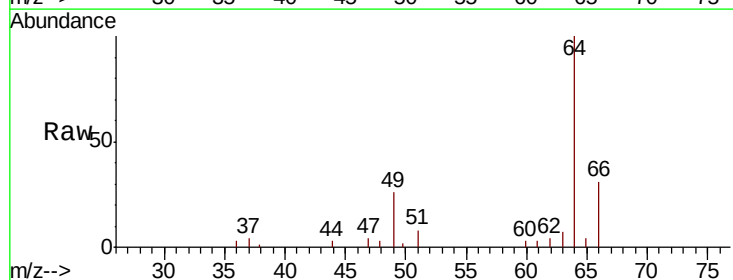
Instrument :  
MSVOA\_N  
ClientSampleId :

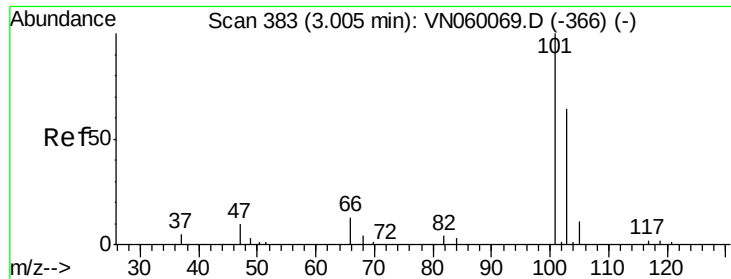
Tot Ion: 94 Resp: 27463  
Ion Ratio Lower Upper  
94 100  
96 97.3 76.7 115.1



#6  
Chloroethane  
Concen: 18.753 ug/l  
RT: 2.69 min Scan# 284  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion: 64 Resp: 22681  
Ion Ratio Lower Upper  
64 100  
66 31.3 26.6 40.0



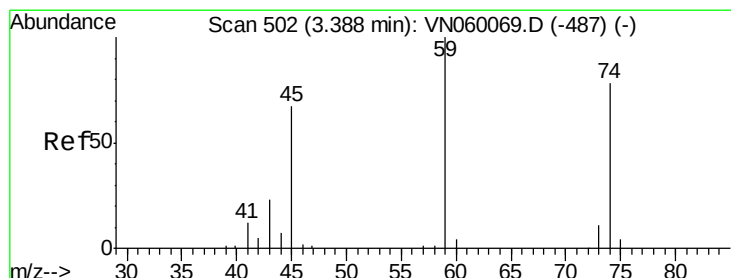
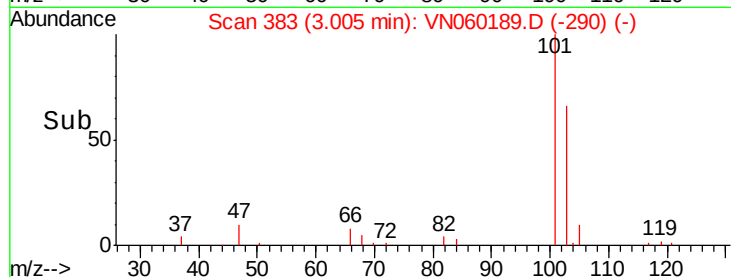
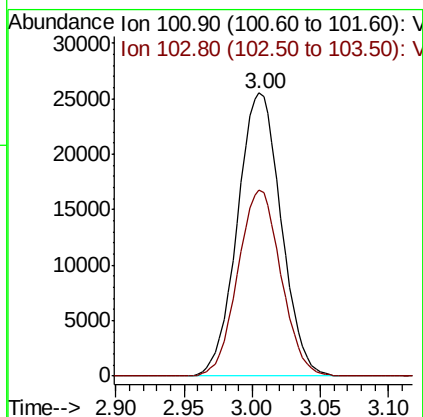
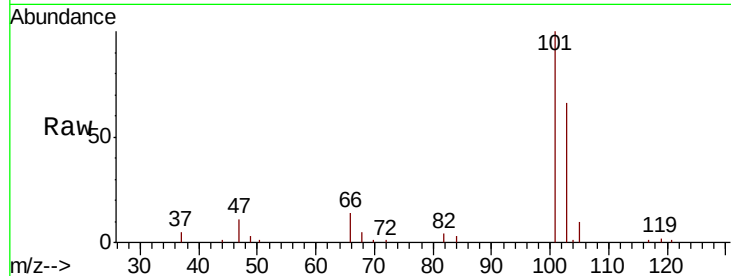


#7

Trichlorofluoromethane  
 Concen: 18.424 ug/l  
 RT: 3.00 min Scan# 383  
 Delta R.T. 0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Instrument :  
 MSVOA\_N  
 ClientSampled :

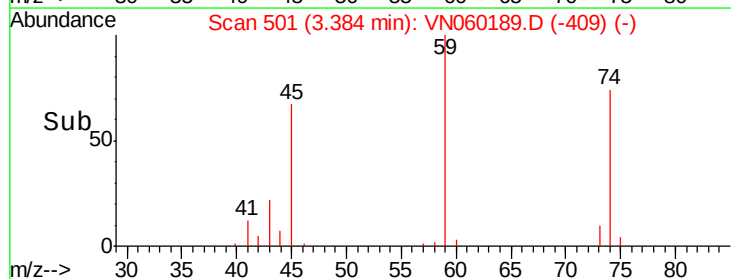
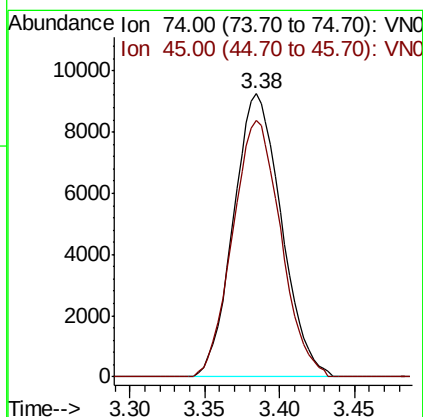
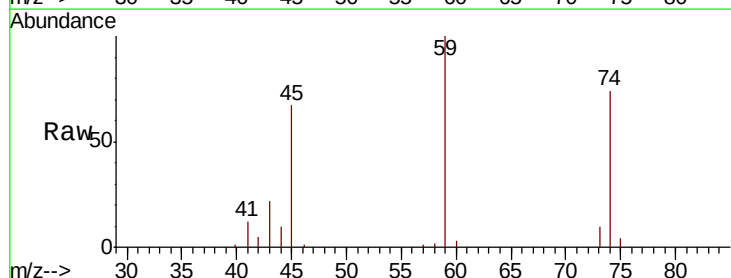
Tot Ion:101 Resp: 56802  
 Ion Ratio Lower Upper  
 101 100  
 103 65.7 51.0 76.6



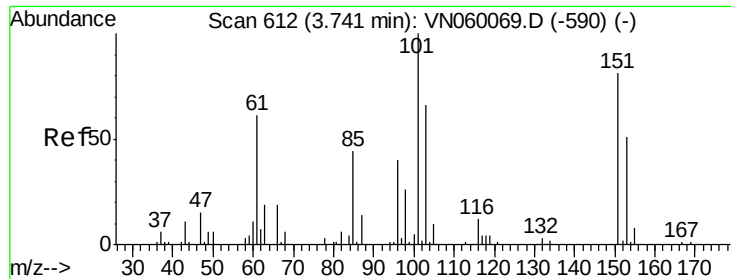
#8

Diethyl Ether  
 Concen: 20.093 ug/l  
 RT: 3.38 min Scan# 501  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Tgt Ion: 74 Resp: 20621  
 Ion Ratio Lower Upper  
 74 100  
 45 90.9 44.7 134.1







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.470 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

ClientSampled :

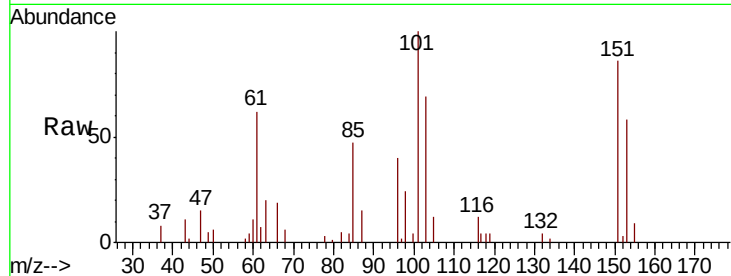
Tot Ion:101 Resp: 31614

Ion Ratio Lower Upper

101 100

85 45.7 35.1 52.7

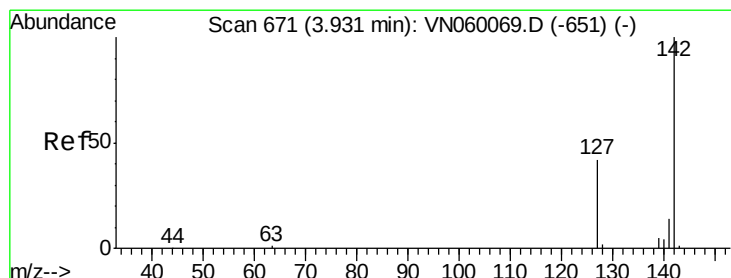
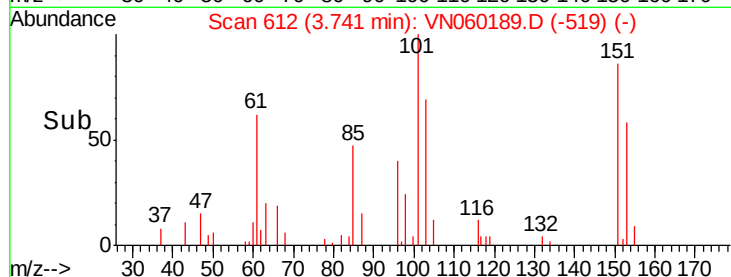
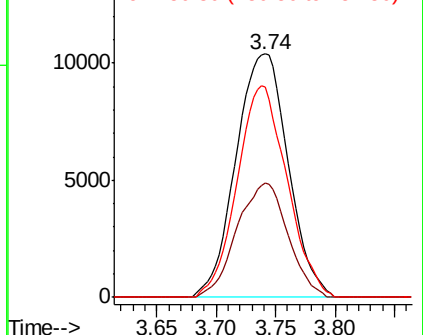
151 82.9 65.8 98.6



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: 19.635 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

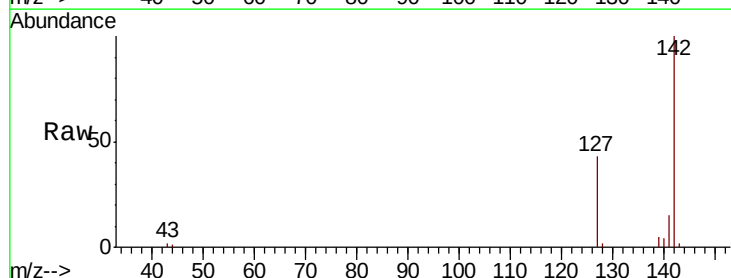
Tgt Ion:142 Resp: 41506

Ion Ratio Lower Upper

142 100

127 42.4 33.6 50.4

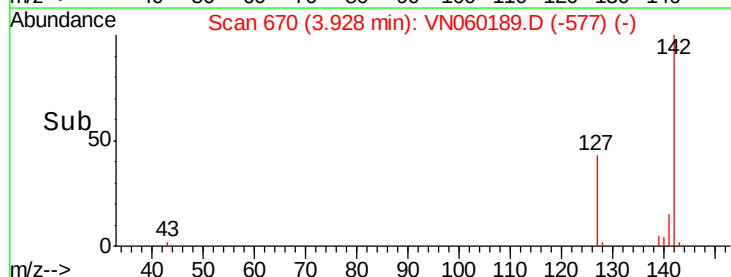
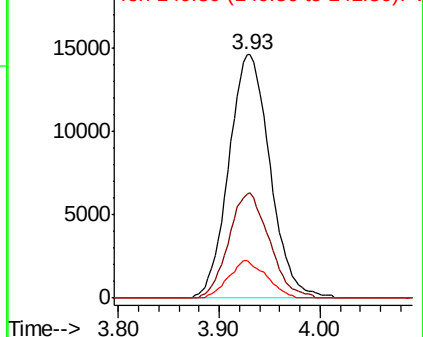
141 14.1 11.4 17.2

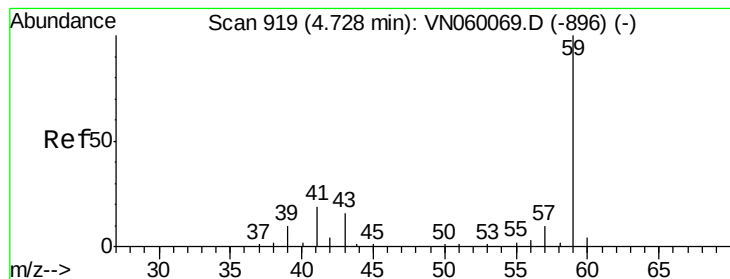


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



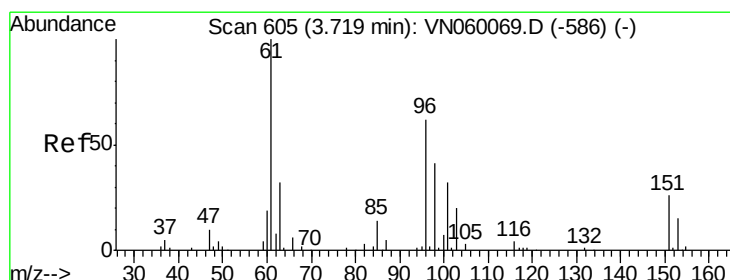
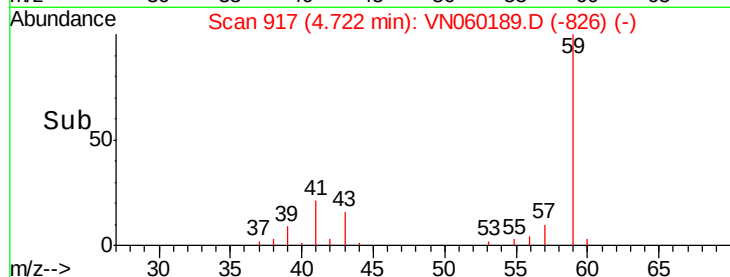
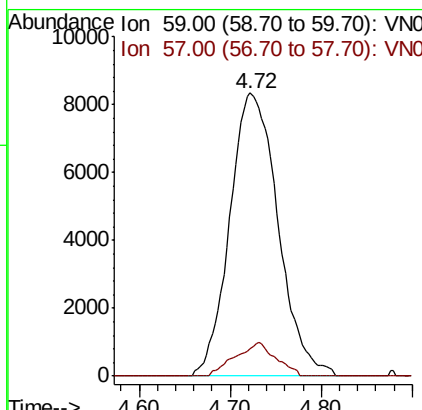
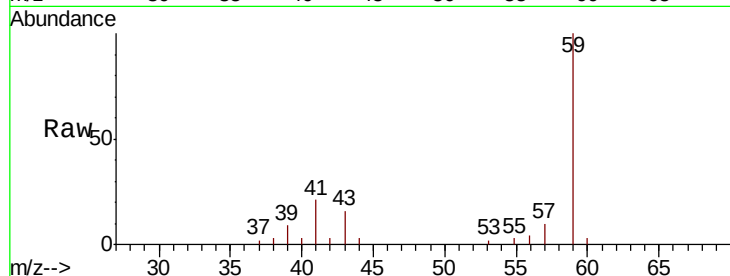


#11

Tert butyl alcohol  
 Concen: 95.748 ug/l  
 RT: 4.72 min Scan# 917  
 Delta R.T. -0.01 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Instrument :  
 MSVOA\_N  
 ClientSampled :

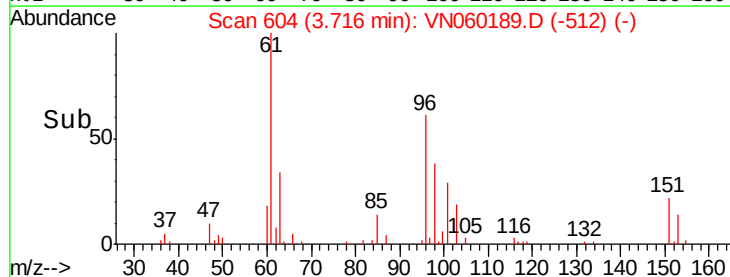
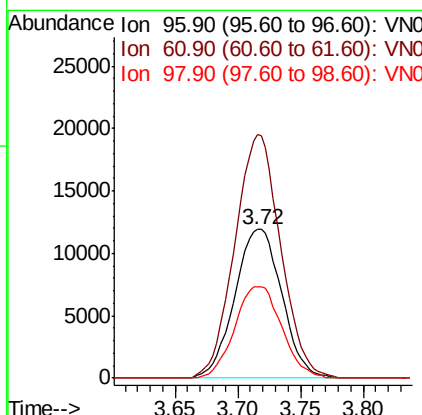
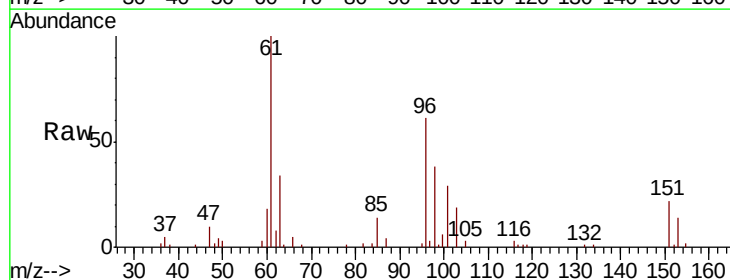
Tot Ion: 59 Resp: 30749  
 Ion Ratio Lower Upper  
 59 100  
 57 10.0 8.2 12.4

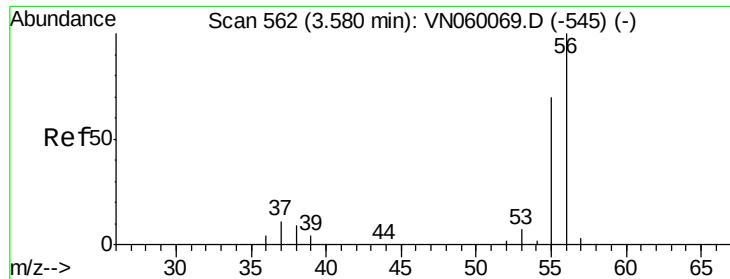


#12

1,1-Dichloroethene  
 Concen: 18.627 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Tgt Ion: 96 Resp: 31060  
 Ion Ratio Lower Upper  
 96 100  
 61 163.6 128.3 192.5  
 98 61.7 52.2 78.4





#13

Acrolein

Concen: 79.016 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

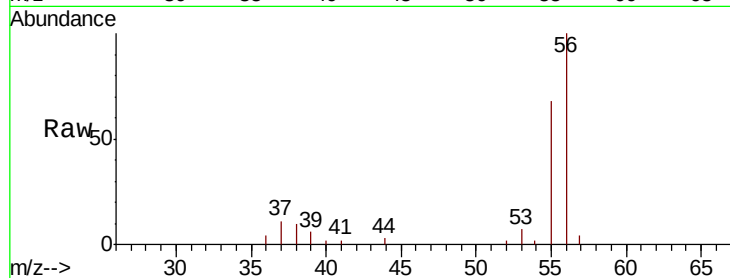
ClientSampled :

Tot Ion: 56 Resp: 25082

Ion Ratio Lower Upper

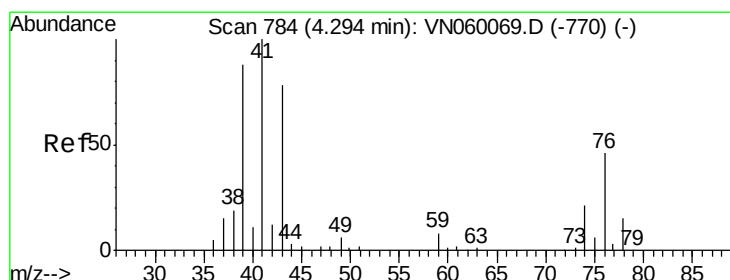
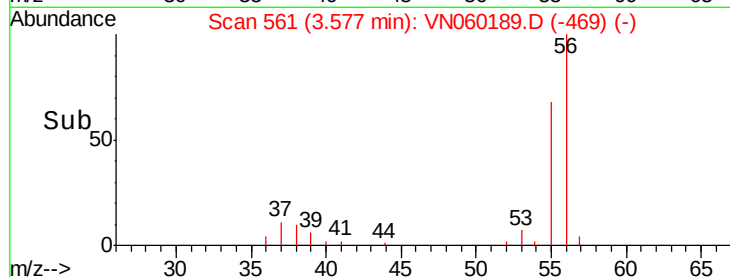
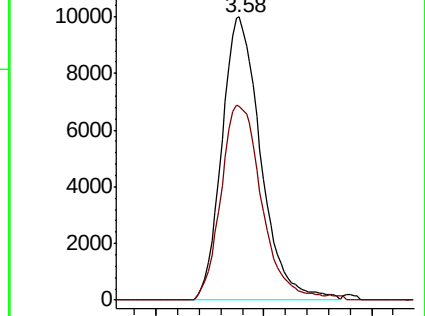
56 100

55 72.7 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.433 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

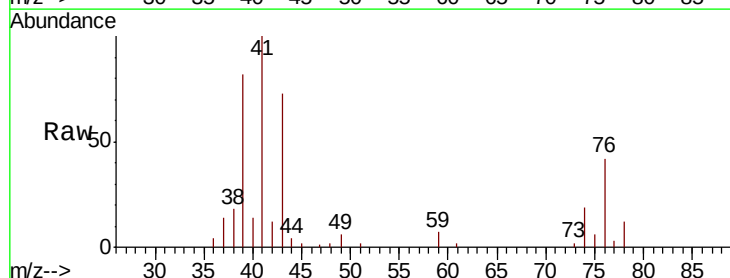
Tgt Ion: 41 Resp: 47693

Ion Ratio Lower Upper

41 100

39 79.9 67.8 101.8

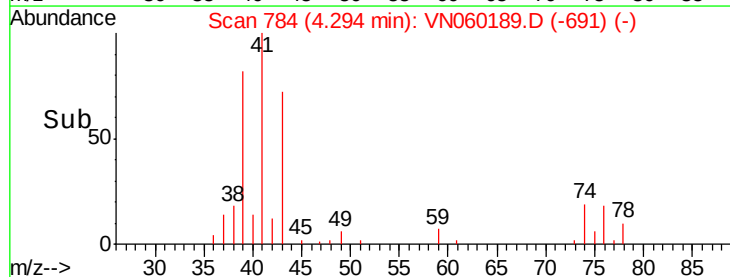
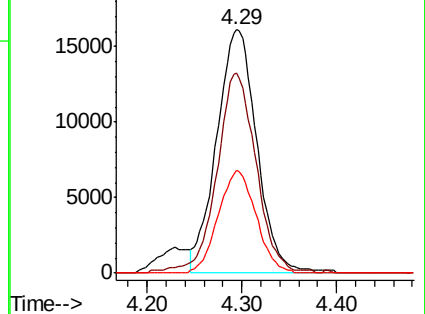
76 39.4 33.9 50.9

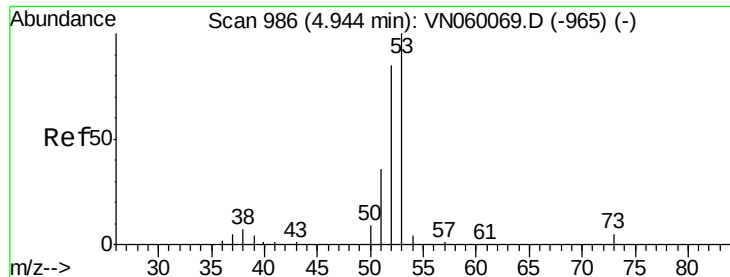


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 102.787 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :  
MSVOA\_N  
ClientSampled :

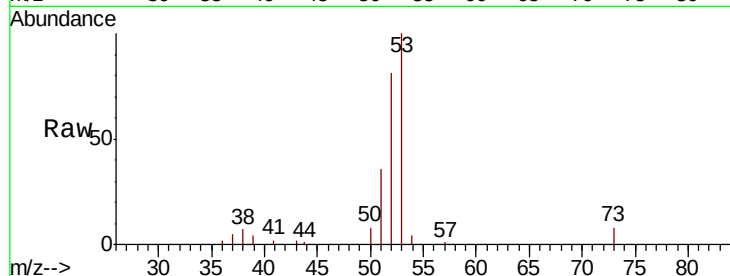
Tot Ion: 53 Resp: 80613

Ion Ratio Lower Upper

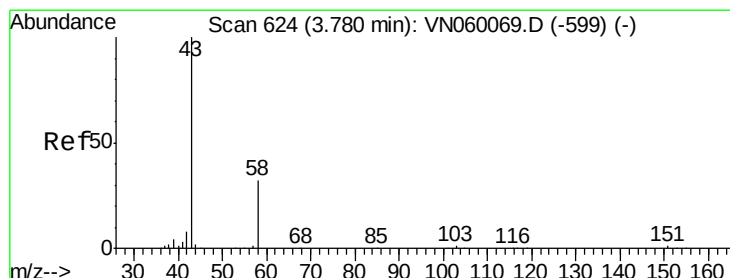
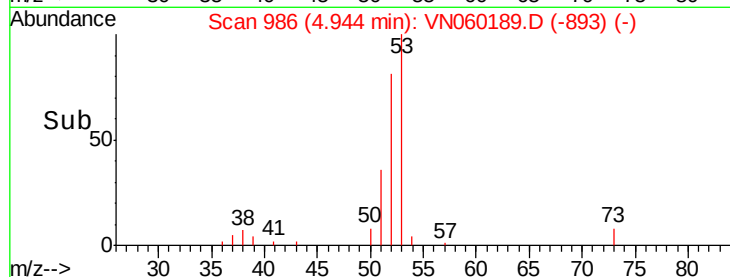
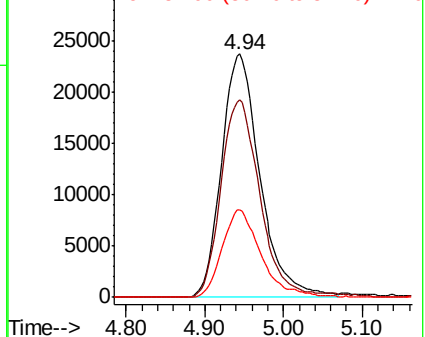
53 100

52 81.5 66.8 100.2

51 36.3 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0  
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 80.388 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060189.D

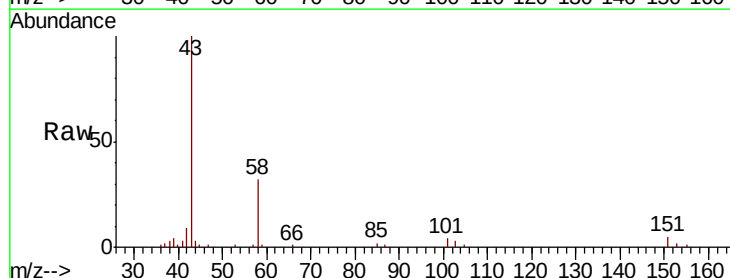
Acq: 21 Feb 2020 15:03

Tgt Ion: 43 Resp: 75250

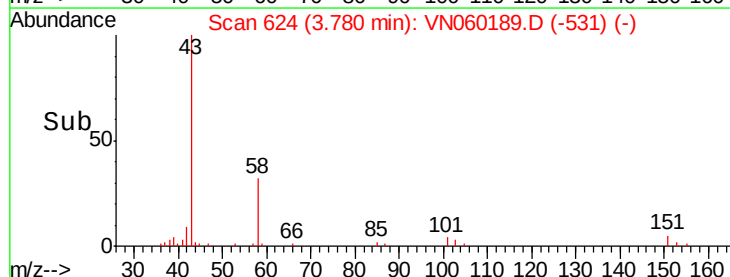
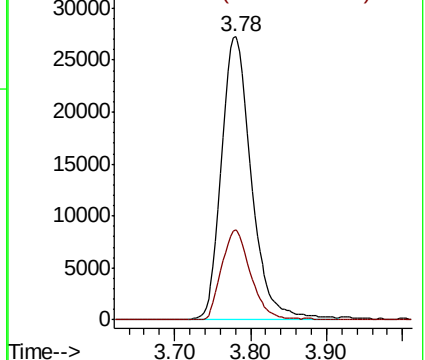
Ion Ratio Lower Upper

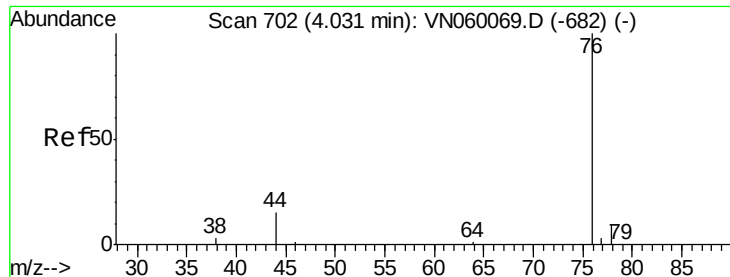
43 100

58 32.0 25.2 37.8



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

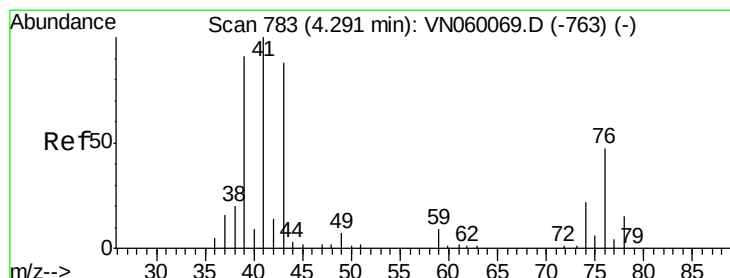
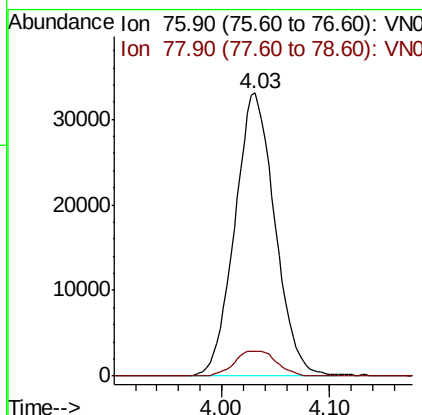
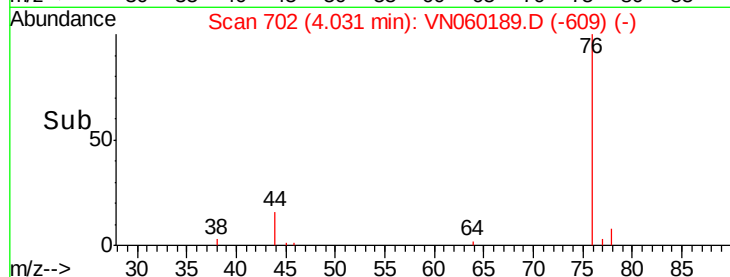
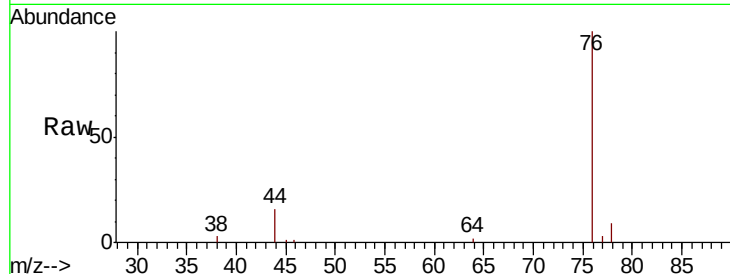




#17  
Carbon Disulfide  
Concen: 17.041 ug/l  
RT: 4.03 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

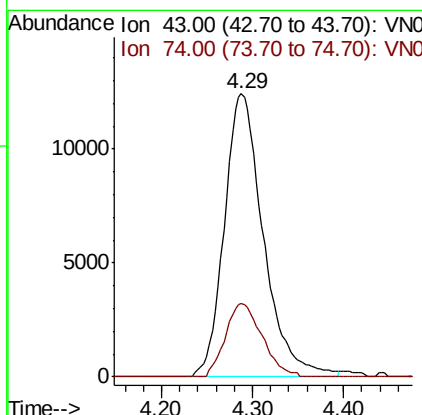
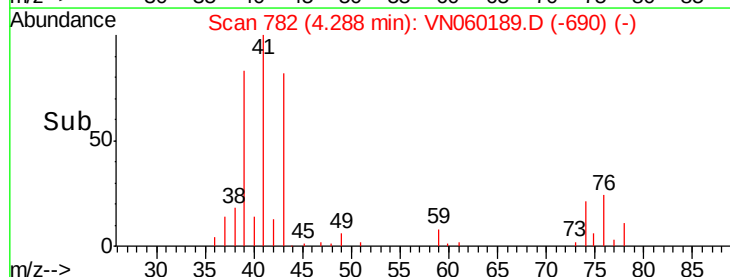
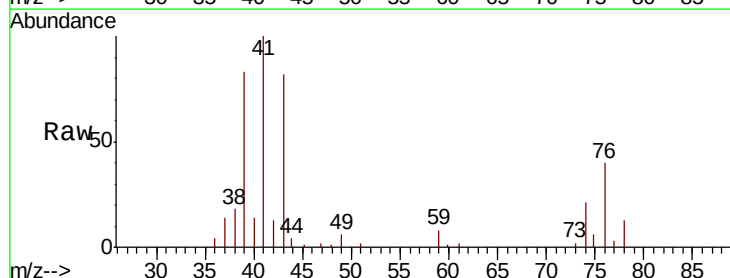
Instrument :  
MSVOA\_N  
ClientSampled :

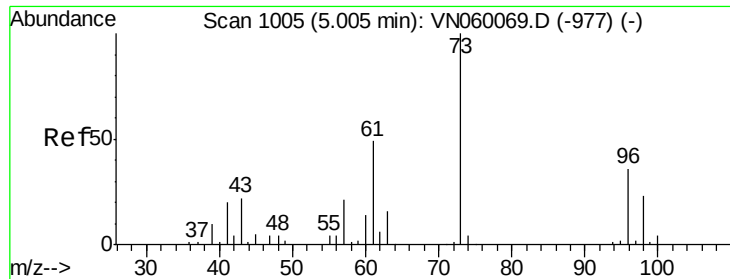
Tot Ion: 76 Resp: 85647  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.0 10.6



#18  
Methyl Acetate  
Concen: 21.045 ug/l  
RT: 4.29 min Scan# 782  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion: 43 Resp: 37007  
Ion Ratio Lower Upper  
43 100  
74 24.3 20.3 30.5

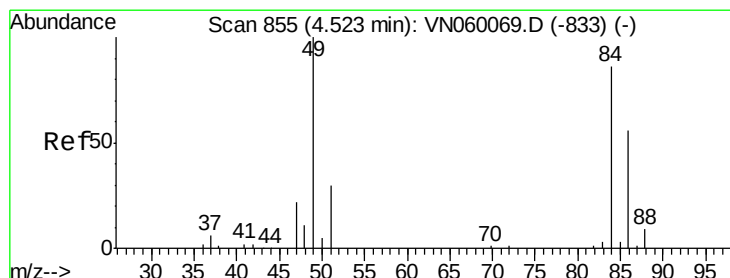
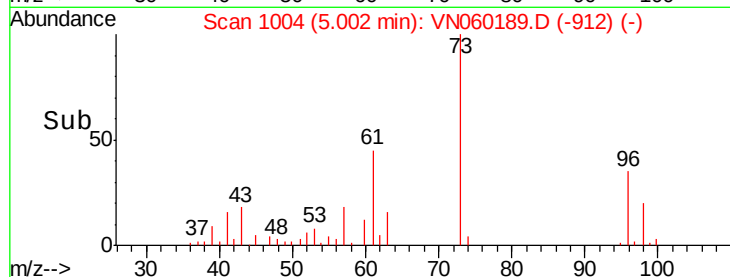
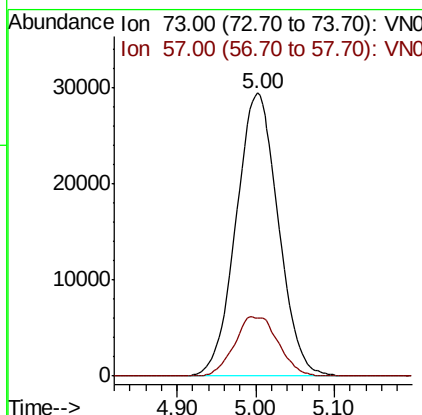
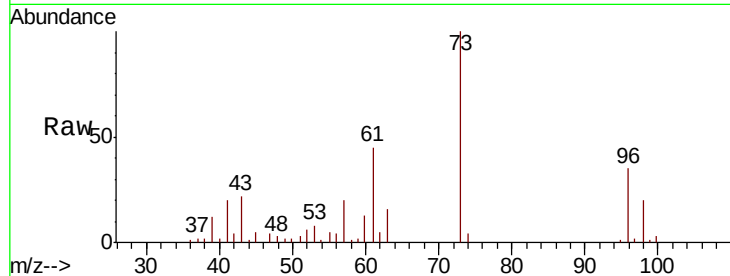




#19  
Methyl tert-butyl Ether  
Concen: 19.822 ug/l  
RT: 5.00 min Scan# 1004  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

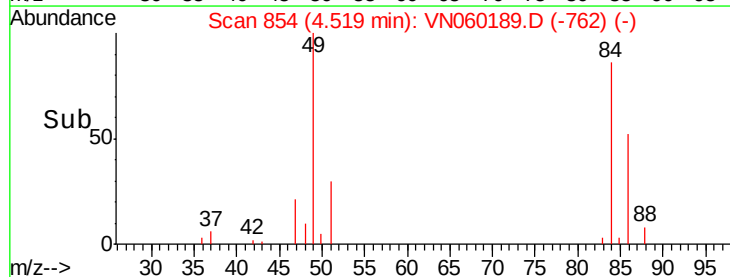
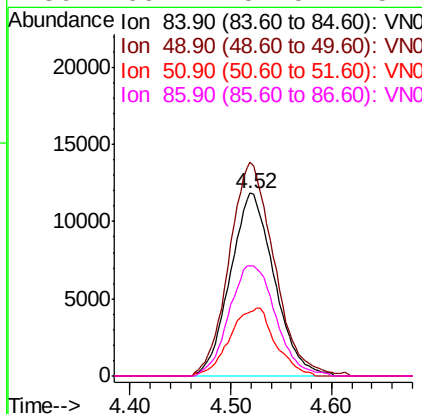
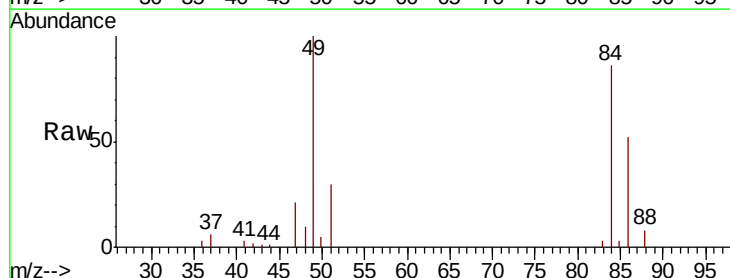
Instrument :  
MSVOA\_N  
ClientSampleId :

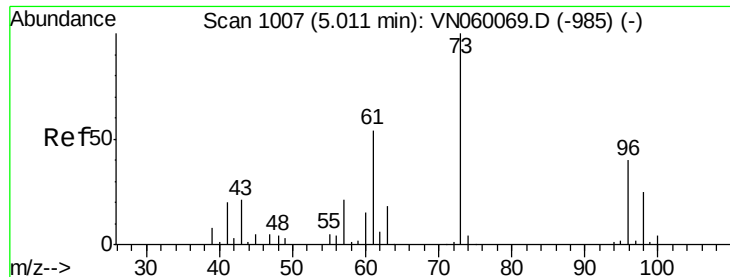
Tot Ion: 73 Resp: 111151  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.2 25.8



#20  
Methylene Chloride  
Concen: 19.261 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion: 84 Resp: 35971  
Ion Ratio Lower Upper  
84 100  
49 116.8 93.4 140.0  
51 35.1 28.4 42.6  
86 60.2 52.5 78.7

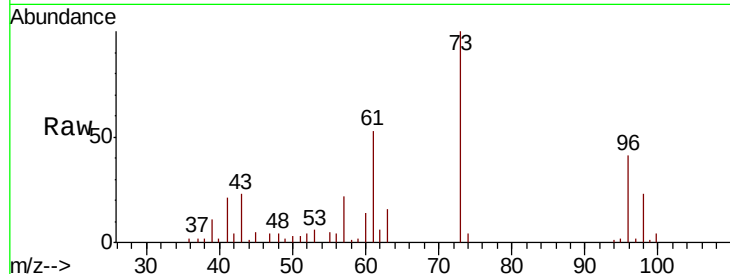




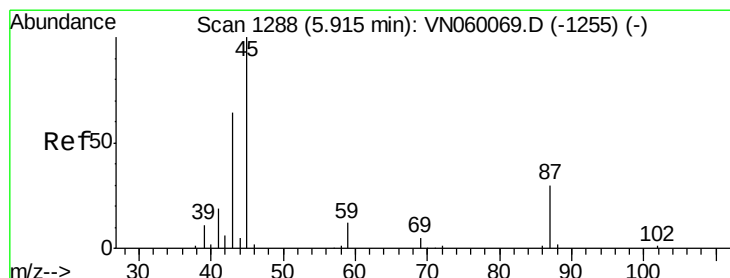
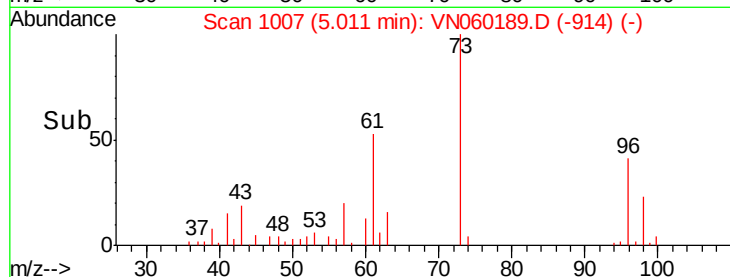
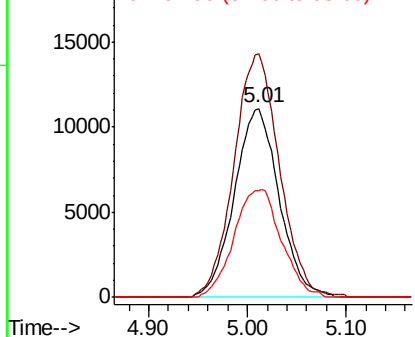
#21  
trans-1,2-Dichloroethene  
Concen: 19.164 ug/l  
RT: 5.01 min Scan# 1007  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 96 Resp: 34833  
Ion Ratio Lower Upper  
96 100  
61 128.7 109.3 163.9  
98 56.6 51.0 76.6

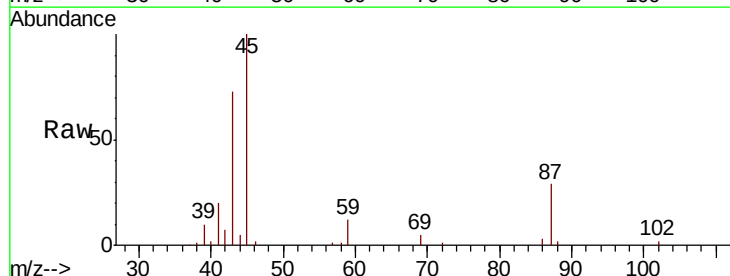


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

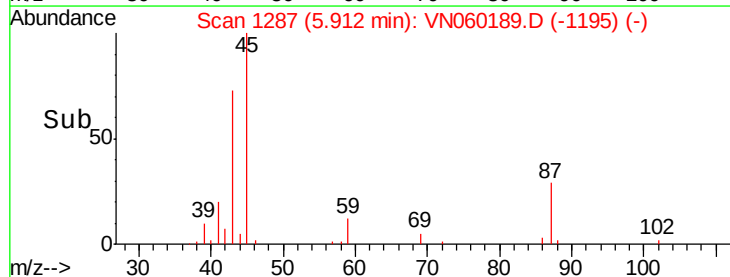
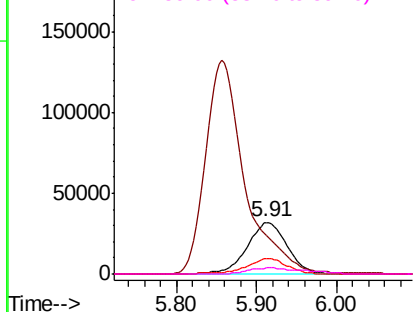


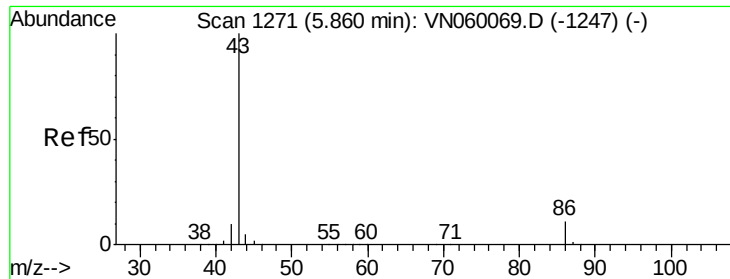
#22  
Diisopropyl ether  
Concen: 20.174 ug/l  
RT: 5.91 min Scan# 1287  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion: 45 Resp: 108510  
Ion Ratio Lower Upper  
45 100  
43 70.6 55.9 83.9  
87 29.5 24.5 36.7  
59 11.6 9.9 14.9



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

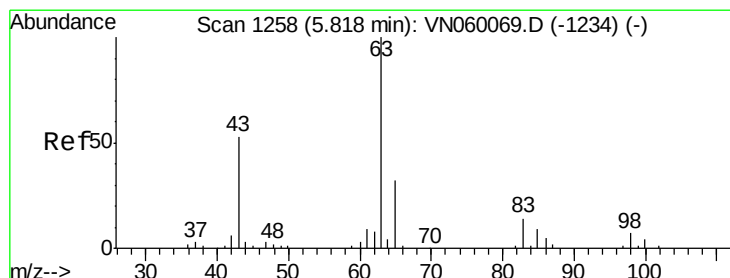
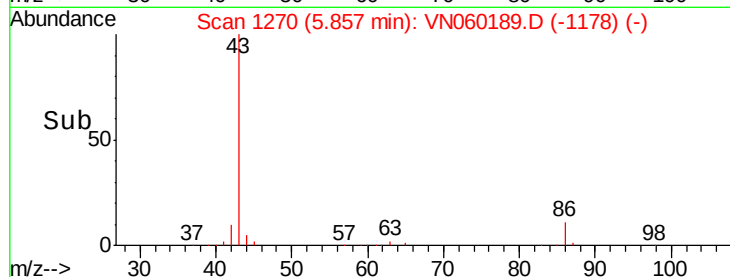
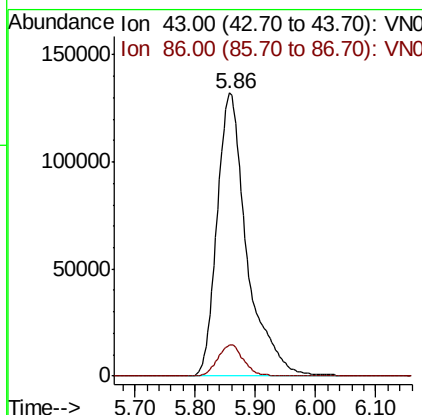
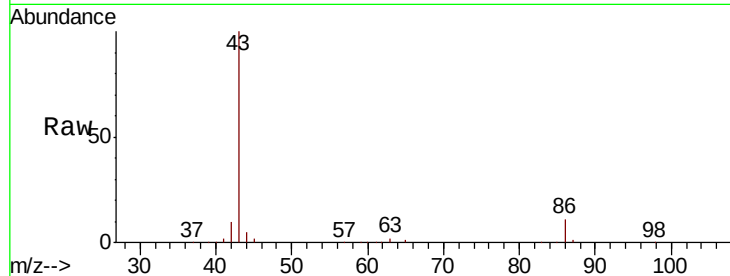




#23  
Vinyl Acetate  
Concen: 100.029 ug/l  
RT: 5.86 min Scan# 1270  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

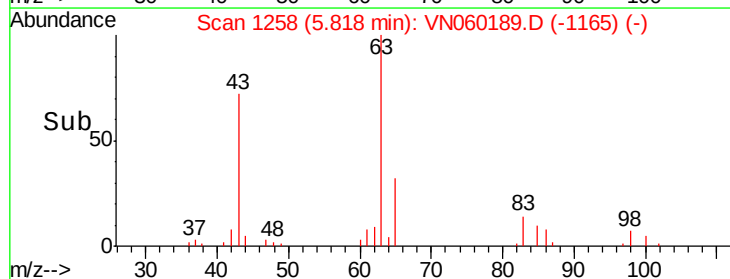
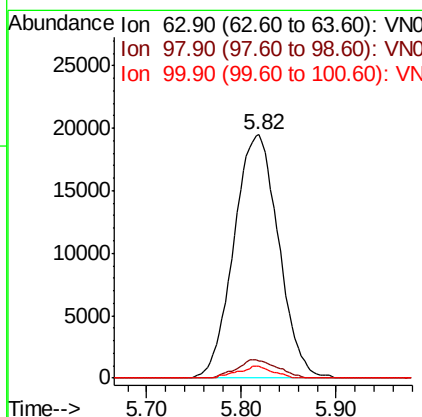
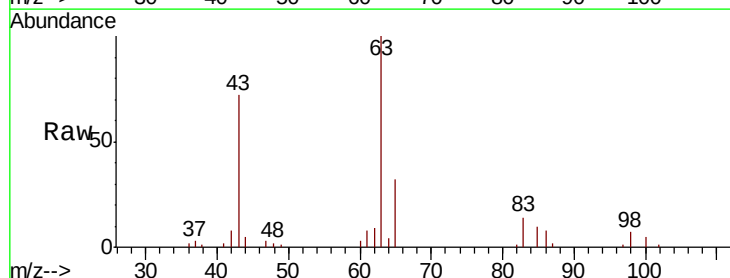
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 451814  
Ion Ratio Lower Upper  
43 100  
86 10.9 8.9 13.3

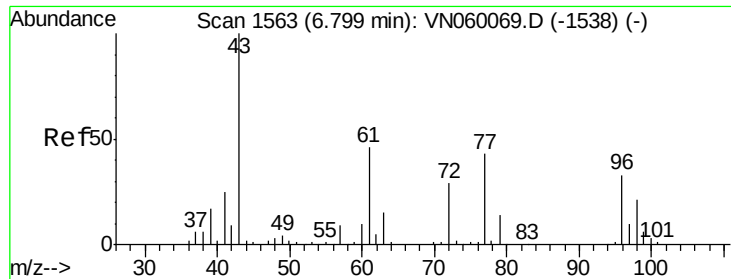


#24  
1,1-Dichloroethane  
Concen: 19.596 ug/l  
RT: 5.82 min Scan# 1258  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion: 63 Resp: 63849  
Ion Ratio Lower Upper  
63 100  
98 7.2 3.5 10.5  
100 4.9 2.2 6.6



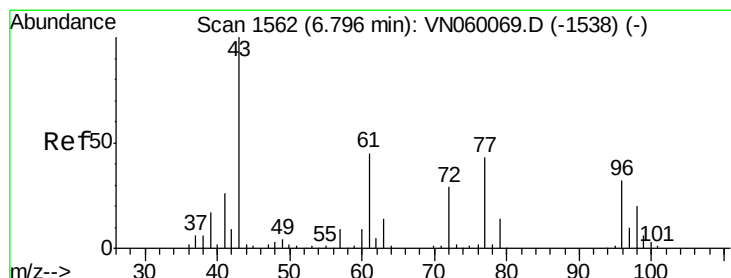
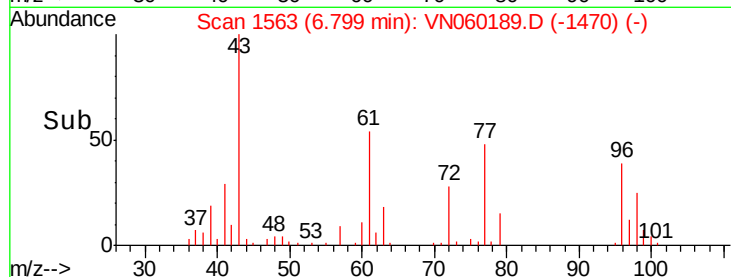
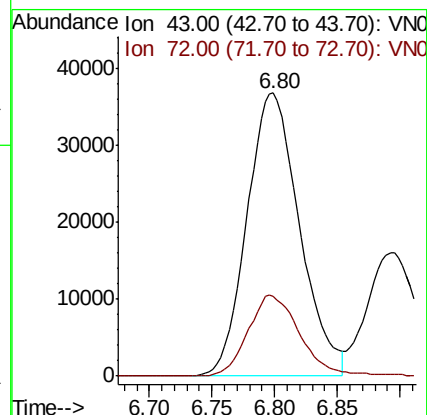
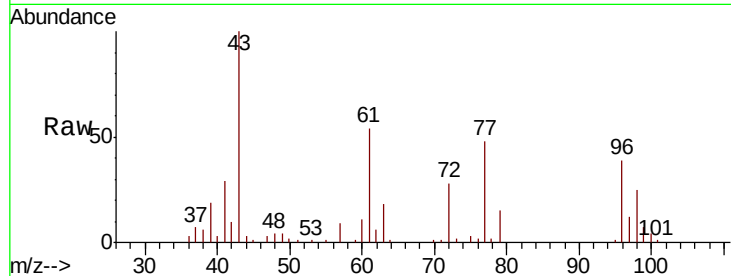




#25  
2-Butanone  
Concen: 91.003 ug/l  
RT: 6.80 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

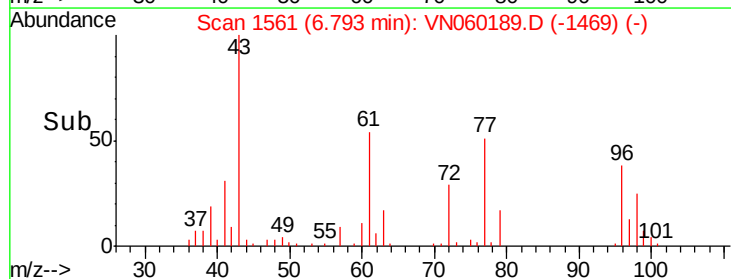
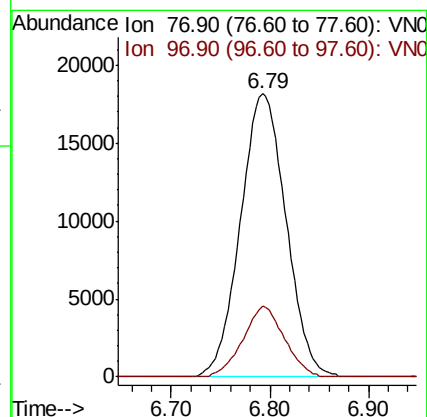
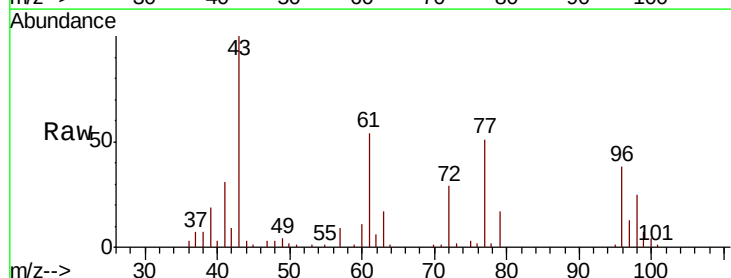
Instrument :  
MSVOA\_N  
ClientSampled :

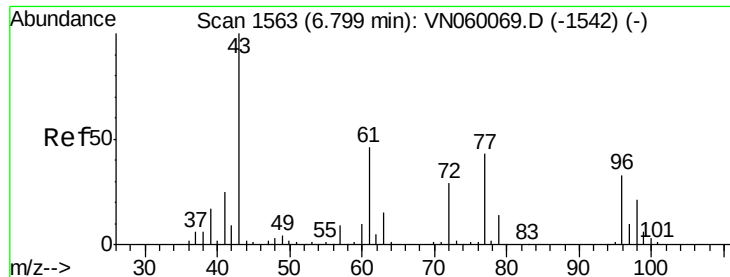
Tot Ion: 43 Resp: 107138  
Ion Ratio Lower Upper  
43 100  
72 28.1 23.3 34.9



#26  
2,2-Dichloropropane  
Concen: 18.775 ug/l  
RT: 6.79 min Scan# 1561  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion: 77 Resp: 58104  
Ion Ratio Lower Upper  
77 100  
97 22.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.308 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

ClientSampled :

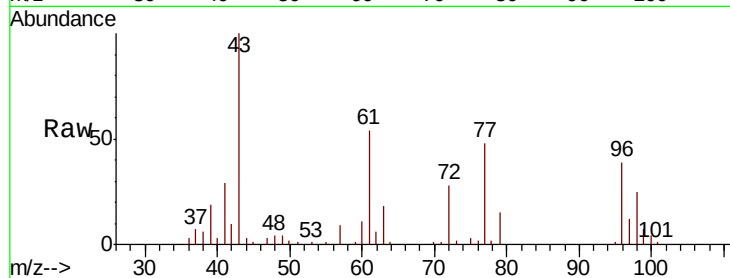
Tot Ion: 96 Resp: 41072

Ion Ratio Lower Upper

96 100

61 143.6 0.0 285.8

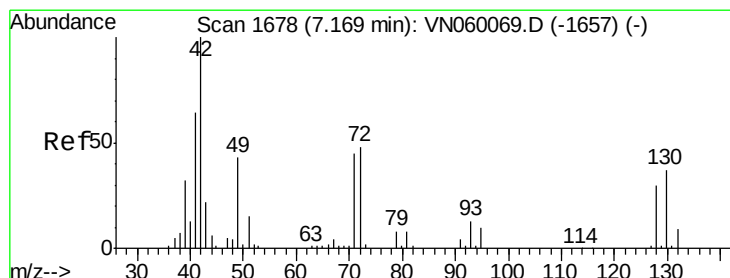
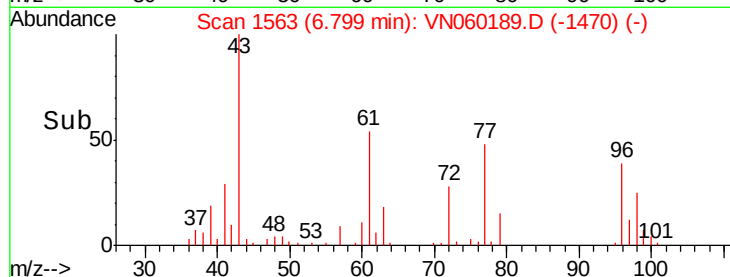
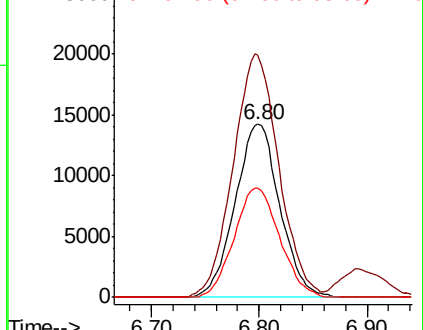
98 64.4 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN060069.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN060069.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN060069.D (-1542) (-)



#28

Bromochloromethane

Concen: 19.216 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

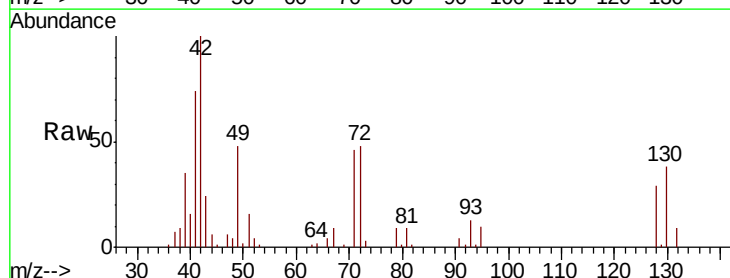
Tgt Ion: 49 Resp: 24615

Ion Ratio Lower Upper

49 100

129 1.5 0.0 2.2

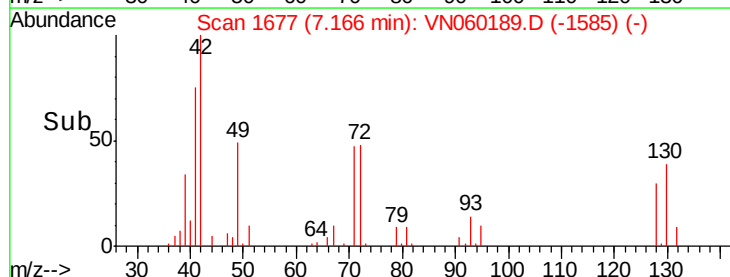
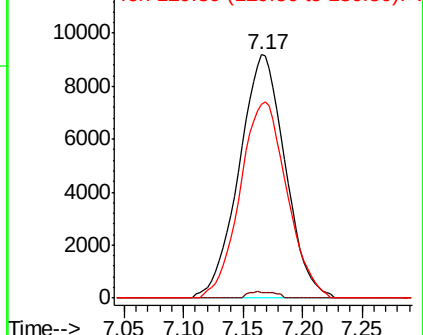
130 82.0 66.8 100.2

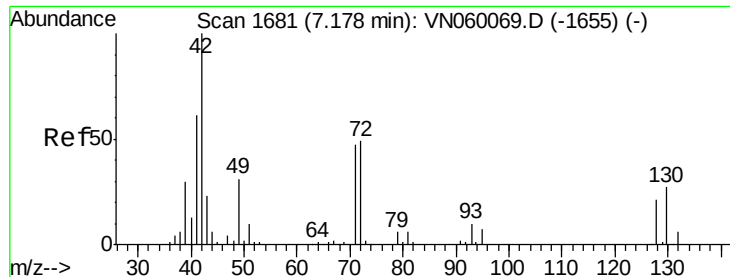


Abundance Ion 48.90 (48.60 to 49.60): VN060069.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN060069.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN060069.D (-1657) (-)

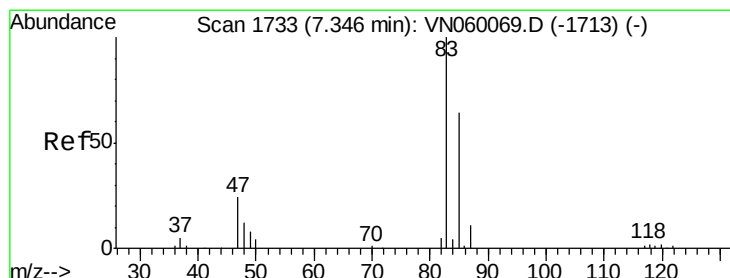
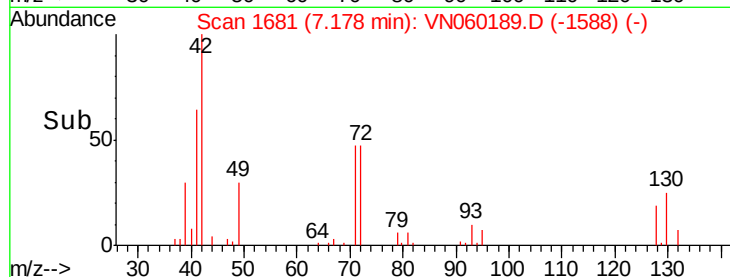
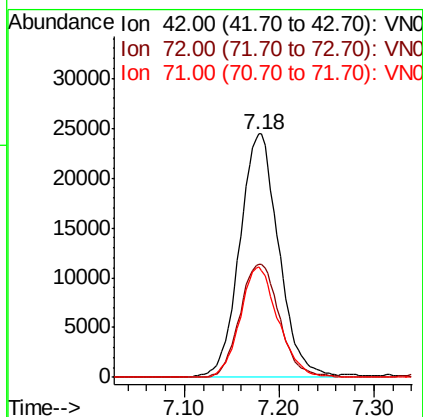
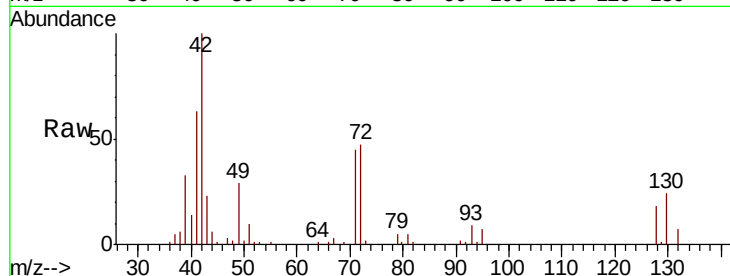




#29  
Tetrahydrofuran  
Concen: 97.200 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

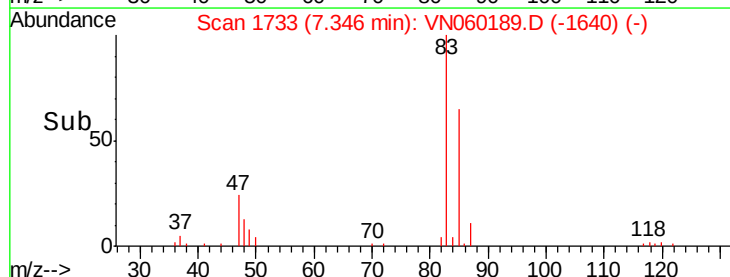
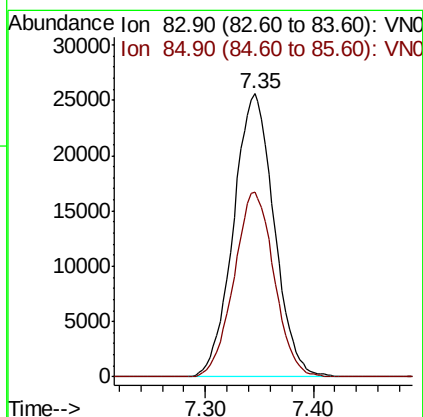
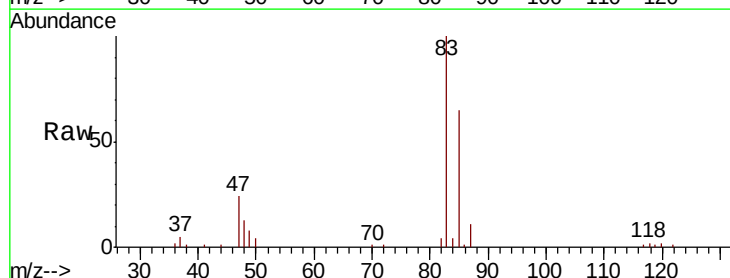
Instrument :  
MSVOA\_N  
ClientSampleId :

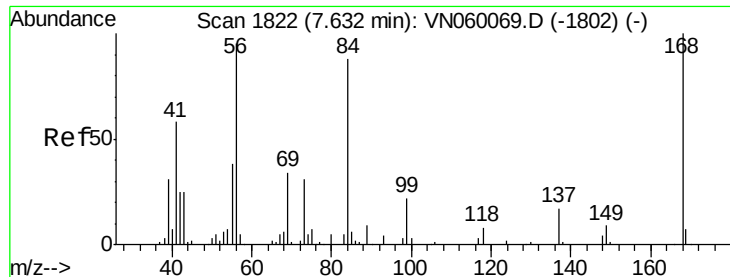
Tot Ion: 42 Resp: 70203  
Ion Ratio Lower Upper  
42 100  
72 46.9 38.2 57.4  
71 44.0 36.6 54.8



#30  
Chloroform  
Concen: 19.626 ug/l  
RT: 7.35 min Scan# 1733  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion: 83 Resp: 66986  
Ion Ratio Lower Upper  
83 100  
85 65.3 51.4 77.0

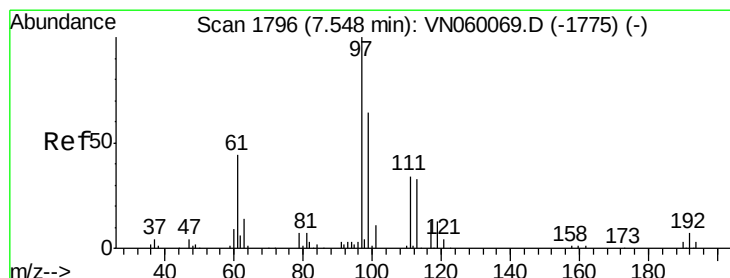
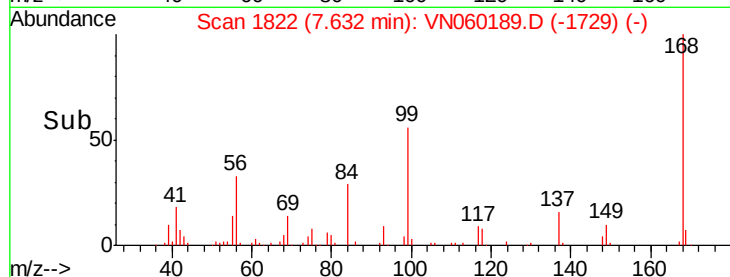
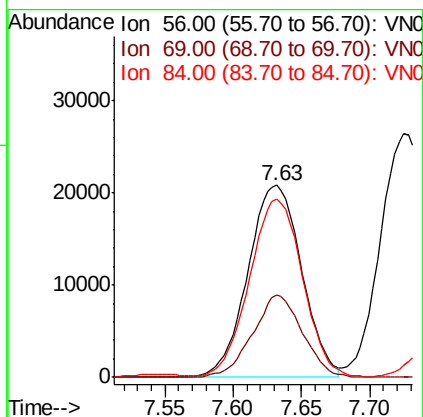
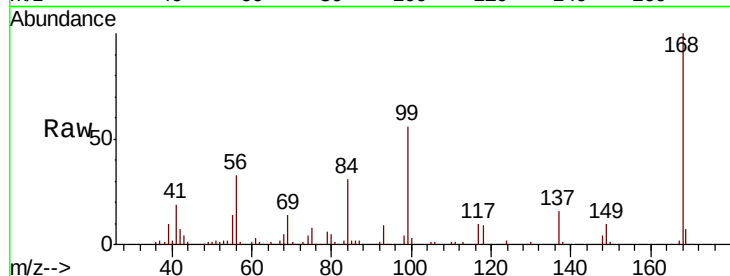




#31  
Cyclohexane  
Concen: 18.751 ug/l  
RT: 7.63 min Scan# 1822  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

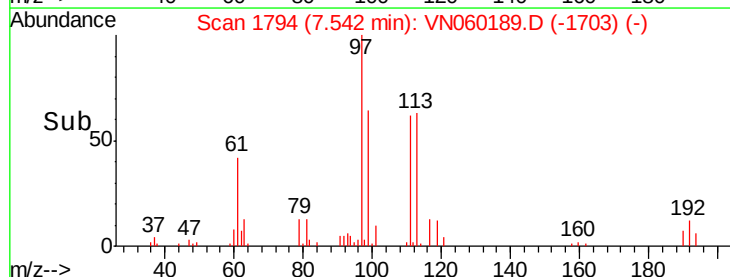
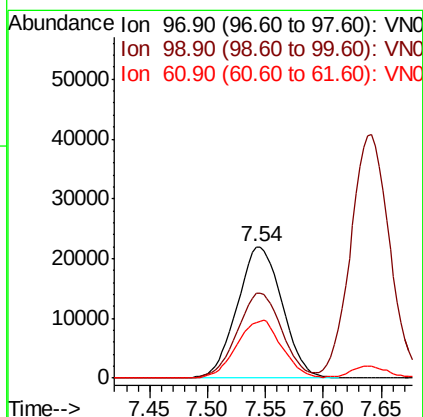
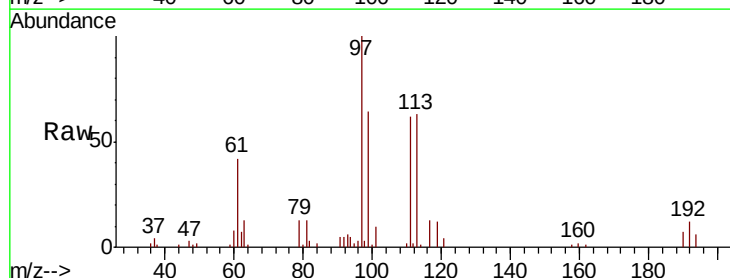
Instrument :  
MSVOA\_N  
ClientSampleId :

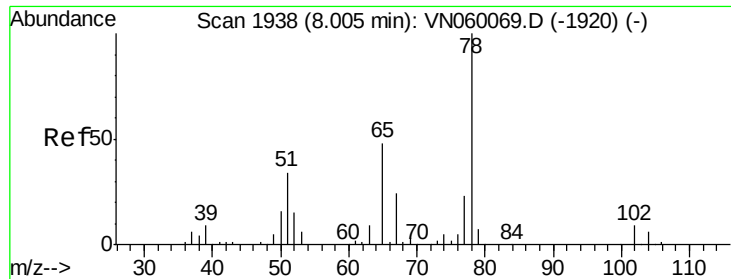
Tot Ion: 56 Resp: 56913  
Ion Ratio Lower Upper  
56 100  
69 42.7 28.3 42.5#  
84 91.6 72.6 108.8



#32  
1,1,1-Trichloroethane  
Concen: 18.987 ug/l  
RT: 7.54 min Scan# 1794  
Delta R.T. -0.01 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion: 97 Resp: 59221  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.4 77.0  
61 44.0 34.9 52.3

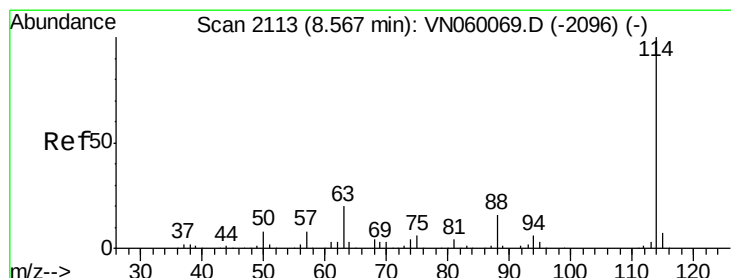
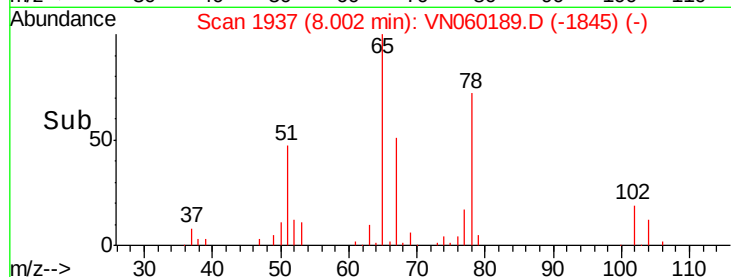
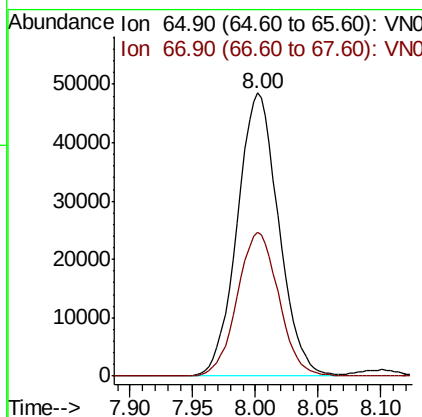
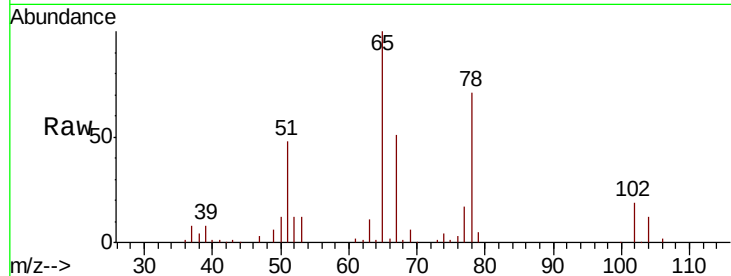




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.904 ug/l  
 RT: 8.00 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

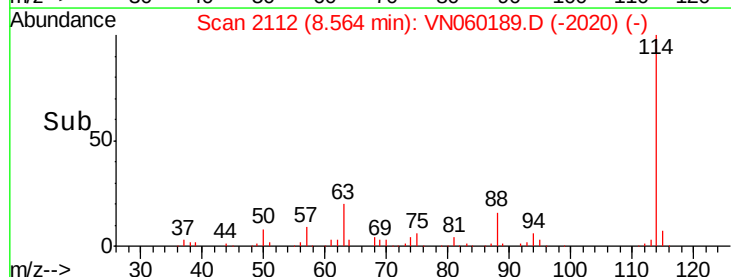
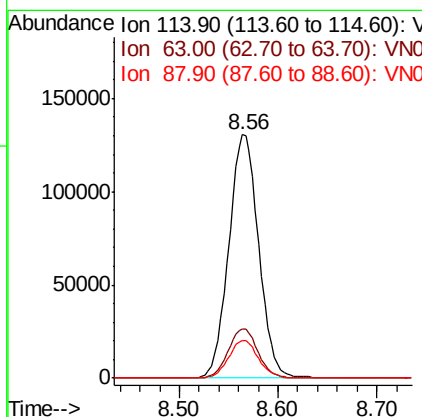
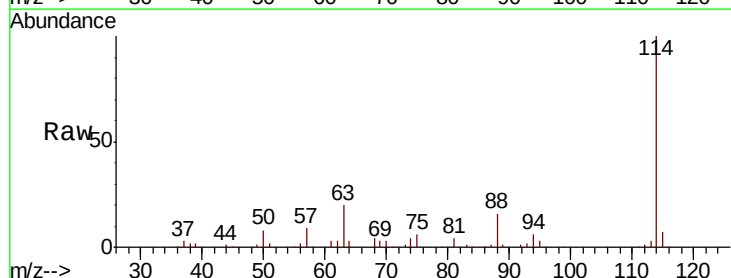
Instrument :  
 MSVOA\_N  
 ClientSampleId :

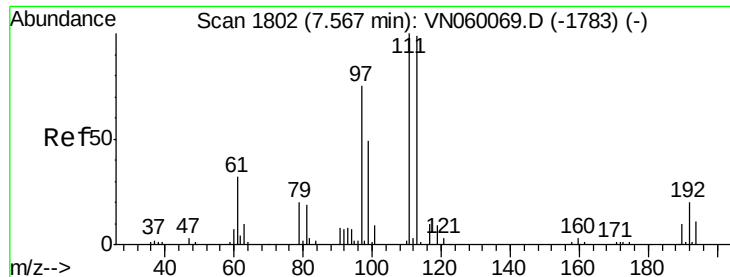
Tot Ion: 65 Resp: 111388  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 104.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.56 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Tgt Ion: 114 Resp: 275591  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 40.0  
 88 15.6 0.0 31.6

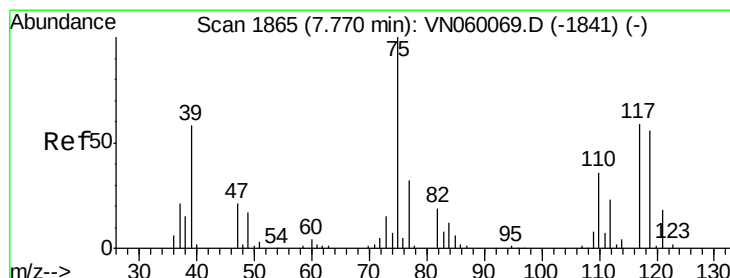
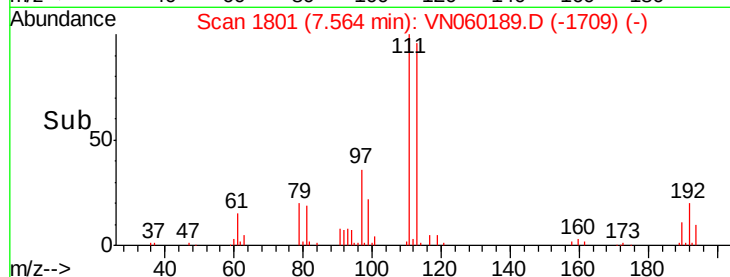
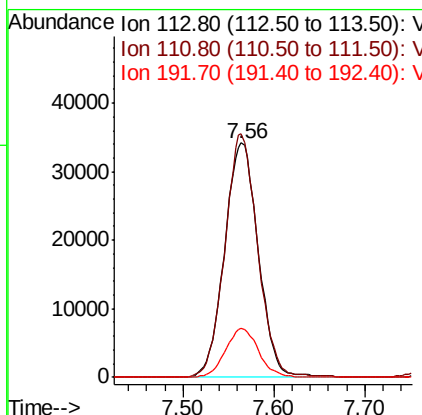
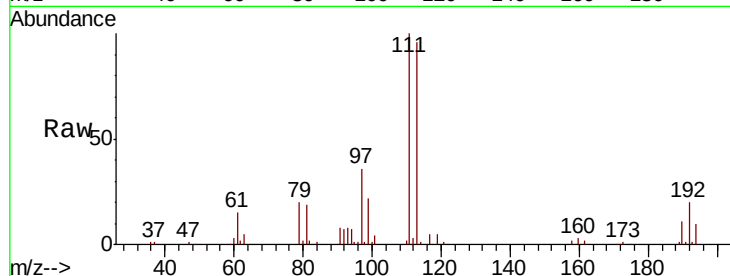




#35  
 Dibromofluoromethane  
 Concen: 52.044 ug/l  
 RT: 7.56 min Scan# 1801  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

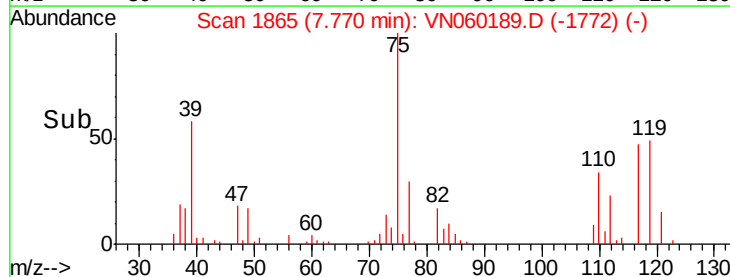
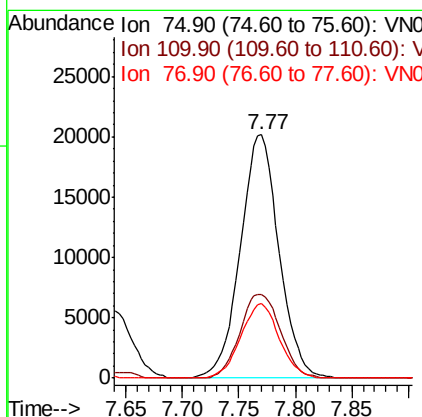
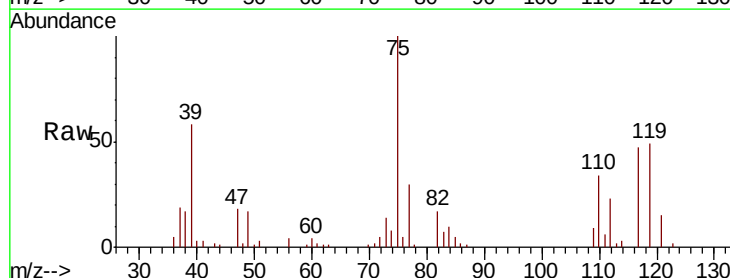
Instrument :  
 MSVOA\_N  
 ClientSampleId :

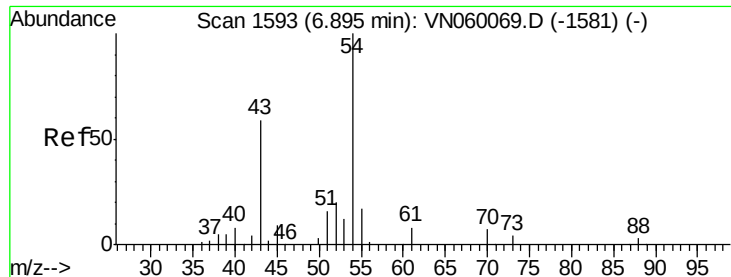
Tot Ion:113 Resp: 88166  
 Ion Ratio Lower Upper  
 113 100  
 111 100.5 81.4 122.2  
 192 20.4 16.2 24.2



#36  
 1,1-Dichloropropene  
 Concen: 18.783 ug/l  
 RT: 7.77 min Scan# 1865  
 Delta R.T. 0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Tgt Ion: 75 Resp: 47947  
 Ion Ratio Lower Upper  
 75 100  
 110 36.0 18.1 54.3  
 77 30.4 25.1 37.7

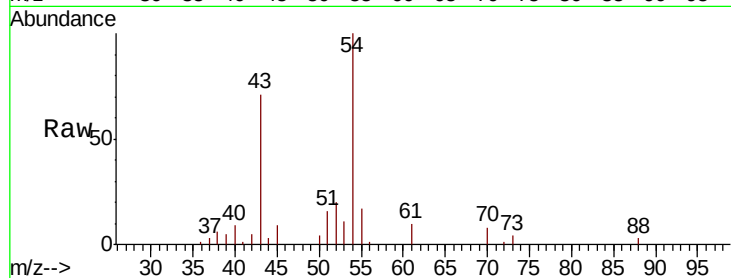




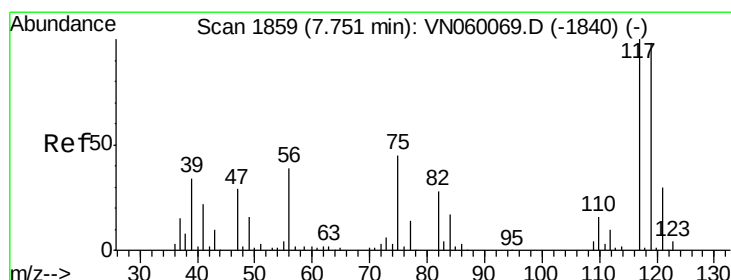
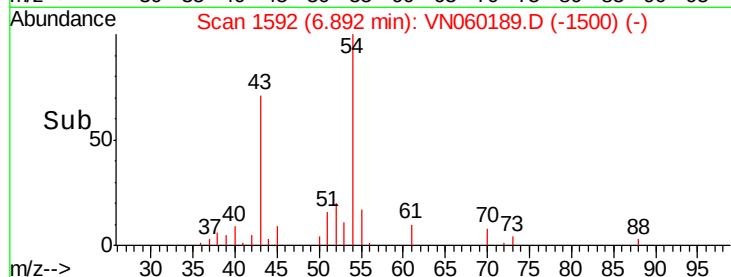
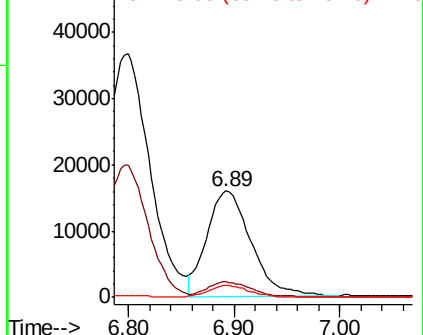
#37  
Ethyl Acetate  
Concen: 20.056 ug/l  
RT: 6.89 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 46269  
Ion Ratio Lower Upper  
43 100  
61 14.8 11.4 17.2  
70 10.4 8.7 13.1

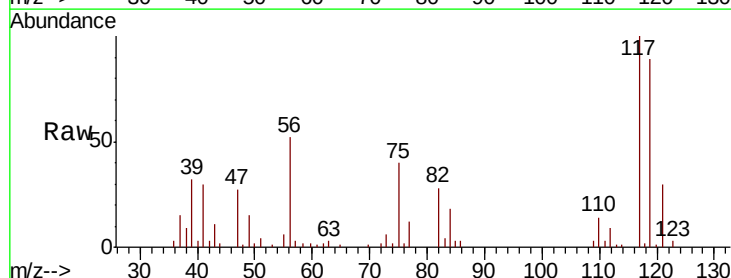


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

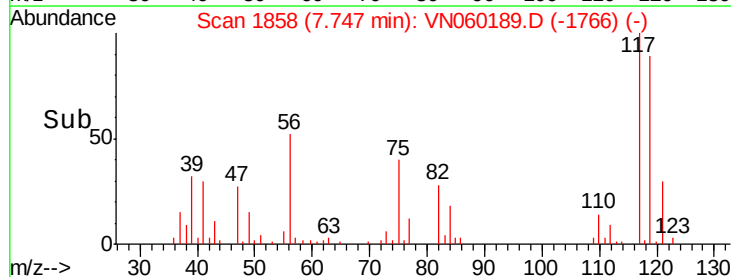
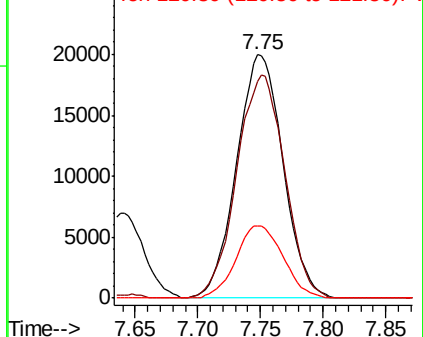


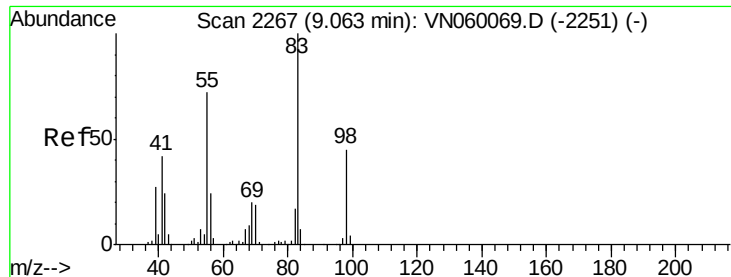
#38  
Carbon Tetrachloride  
Concen: 18.563 ug/l  
RT: 7.75 min Scan# 1858  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion: 117 Resp: 51461  
Ion Ratio Lower Upper  
117 100  
119 89.0 78.2 117.4  
121 29.8 24.2 36.2



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

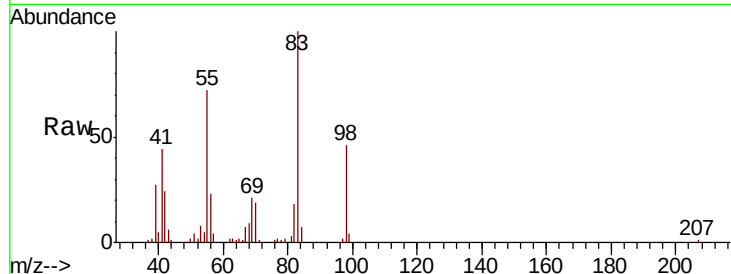




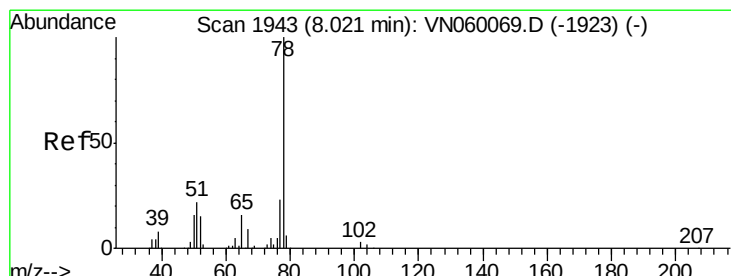
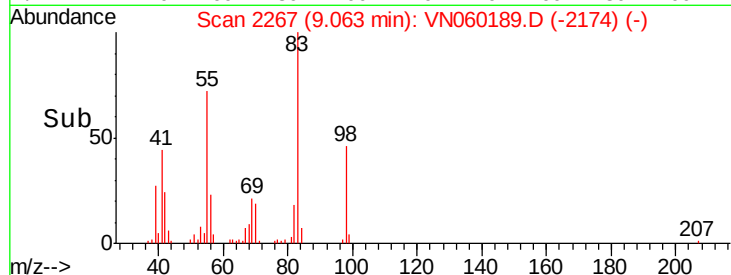
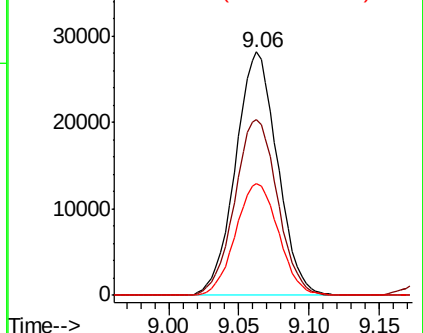
#39  
Methylvlcyclohexane  
Concen: 18.443 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 83 Resp: 58441  
Ion Ratio Lower Upper  
83 100  
55 72.3 57.8 86.8  
98 46.1 36.4 54.6

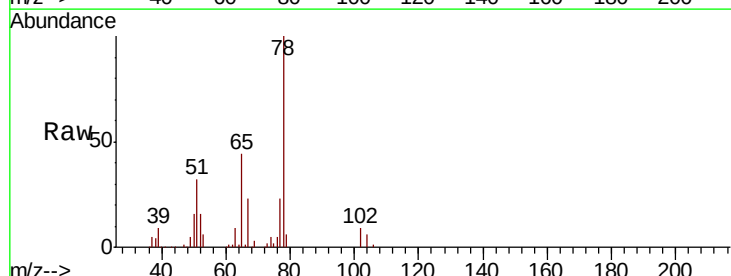


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

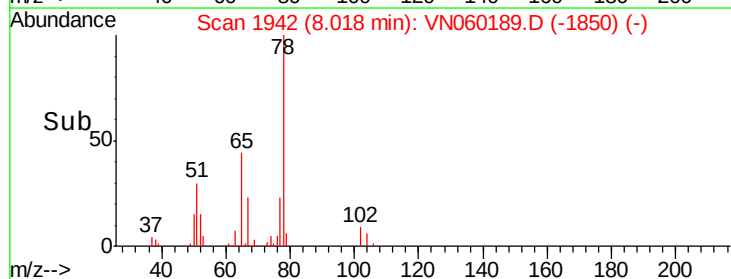
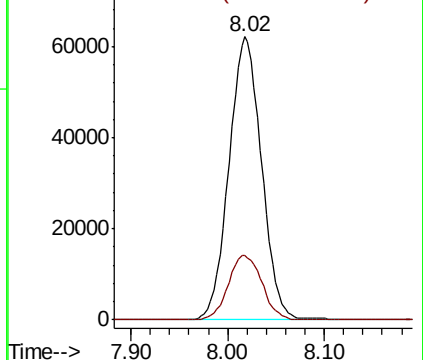


#40  
Benzene  
Concen: 19.153 ug/l  
RT: 8.02 min Scan# 1942  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

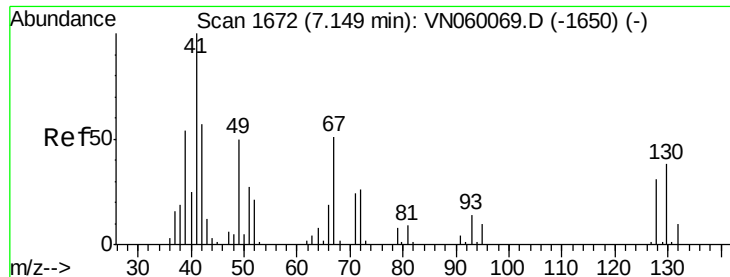
Tgt Ion: 78 Resp: 145032  
Ion Ratio Lower Upper  
78 100  
77 22.9 18.8 28.2



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



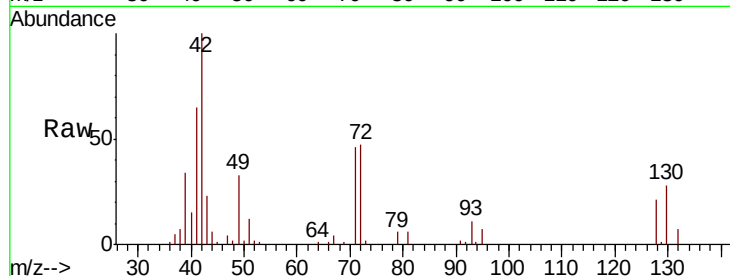




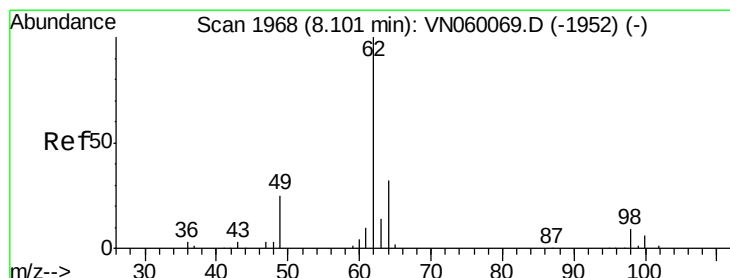
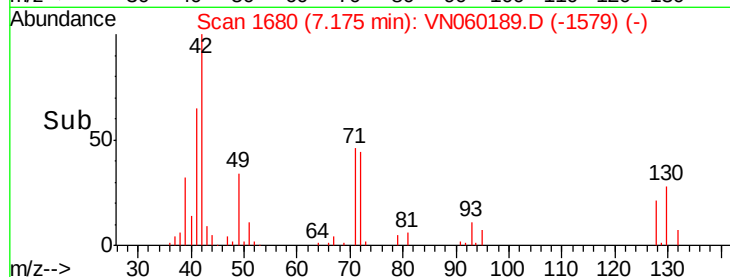
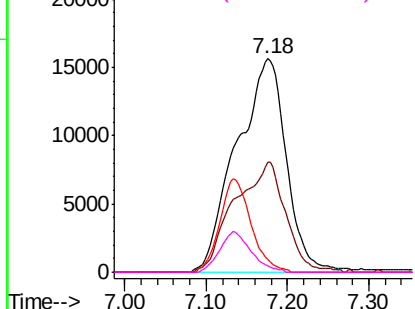
#41  
Methacrylonitrile  
Concen: 68.422 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.03 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Instrument :  
MSVOA\_N  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 66198 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.1  | 0.0   | 0.0#  |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |

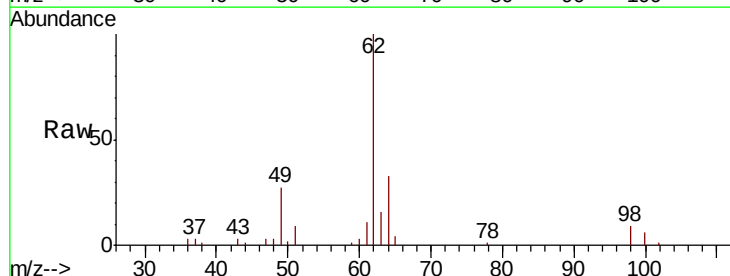


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

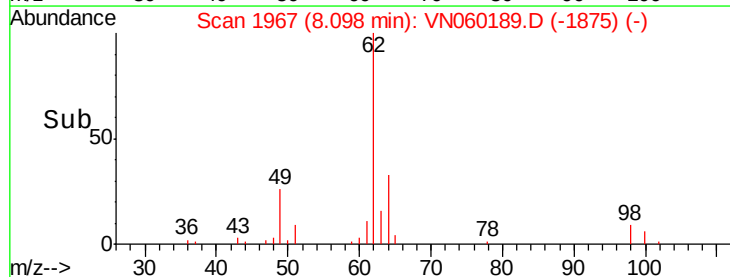
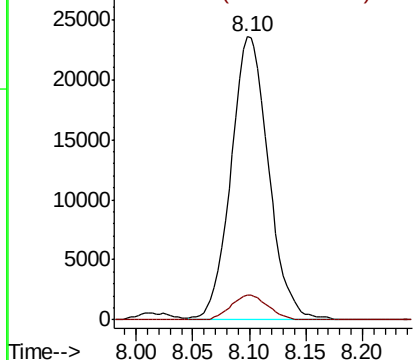


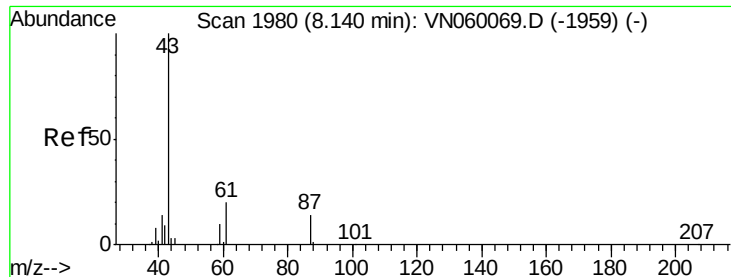
#42  
1,2-Dichloroethane  
Concen: 20.525 ug/l  
RT: 8.10 min Scan# 1967  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 54472 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.6   | 0.0   | 18.2  |



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





#43

Isopropyl Acetate

Concen: 19.914 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

ClientSampleId :

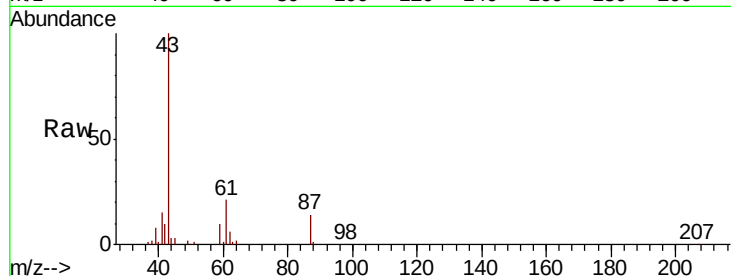
Tot Ion: 43 Resp: 78533

Ion Ratio Lower Upper

43 100

61 21.4 21.8 32.6#

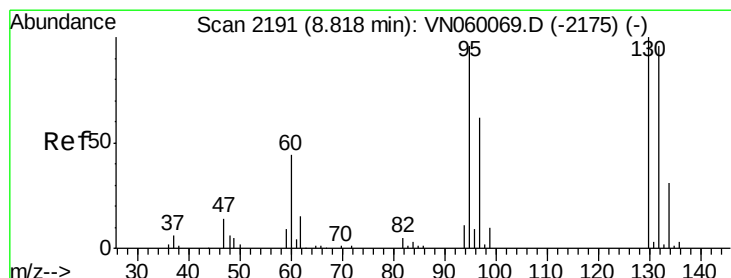
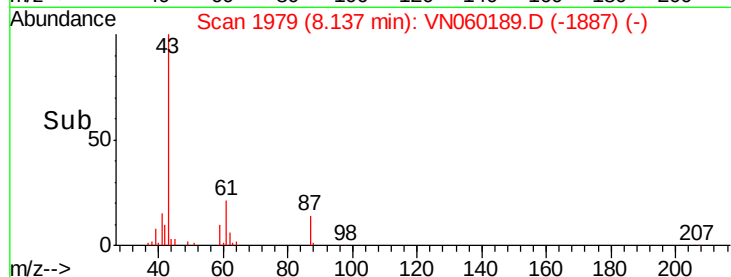
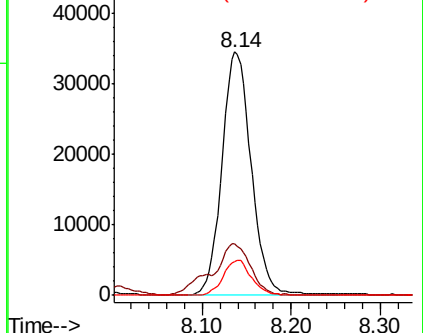
87 13.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#44

Trichloroethene

Concen: 19.028 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060189.D

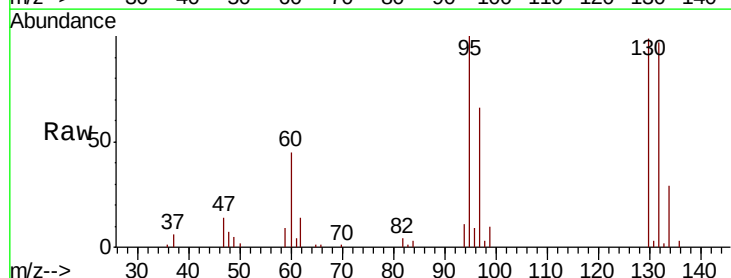
Acq: 21 Feb 2020 15:03

Tgt Ion:130 Resp: 39896

Ion Ratio Lower Upper

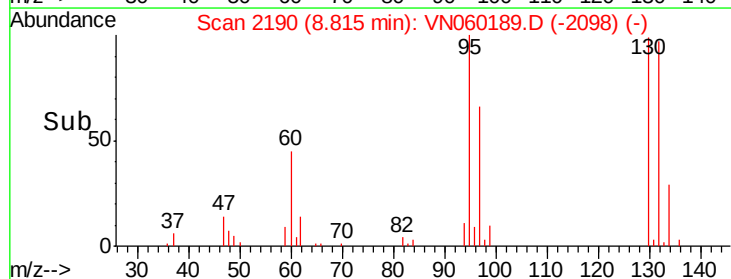
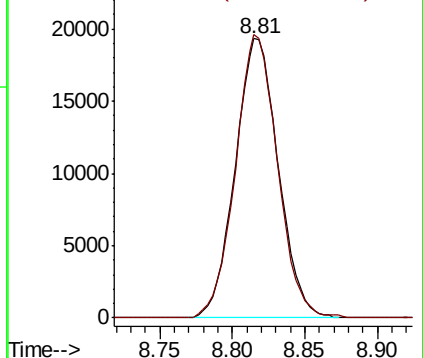
130 100

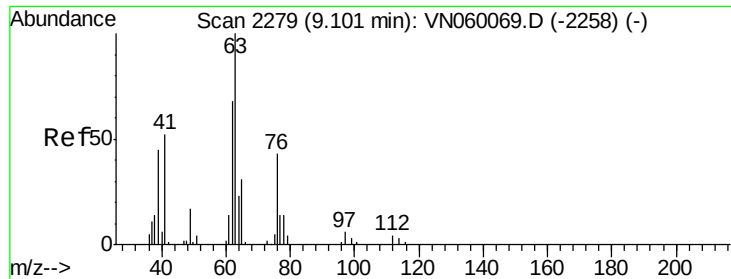
95 101.4 0.0 192.4



Abundance Ion 129.80 (129.50 to 130.50): VN060069.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060069.D (-2175) (-)

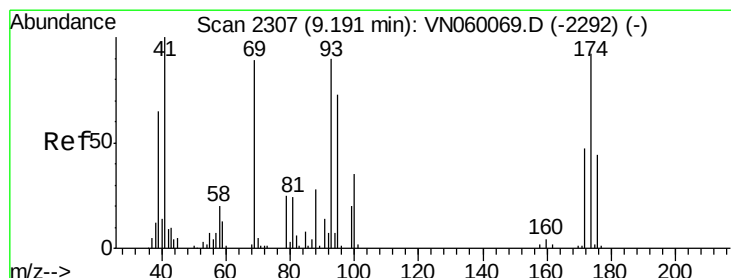
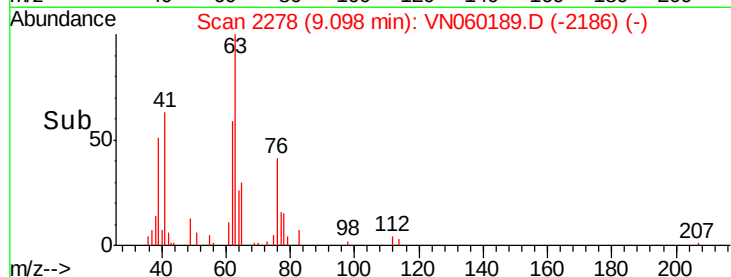
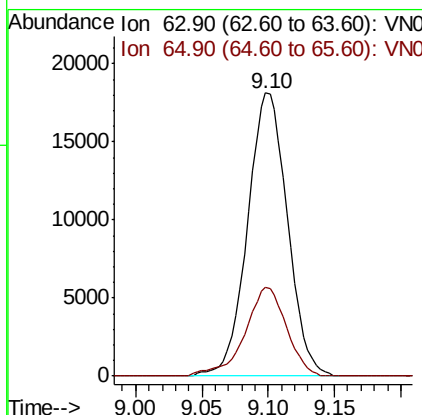
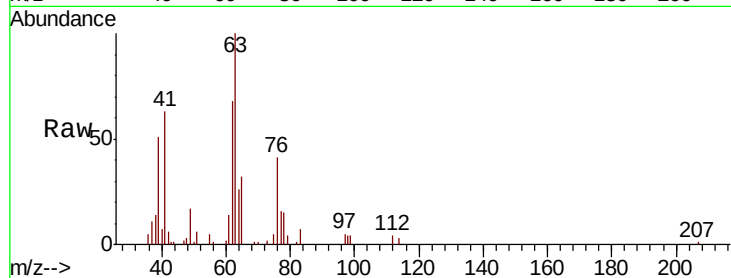




#45  
 1,2-Dichloropropane  
 Concen: 20.306 ug/l  
 RT: 9.10 min Scan# 2278  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

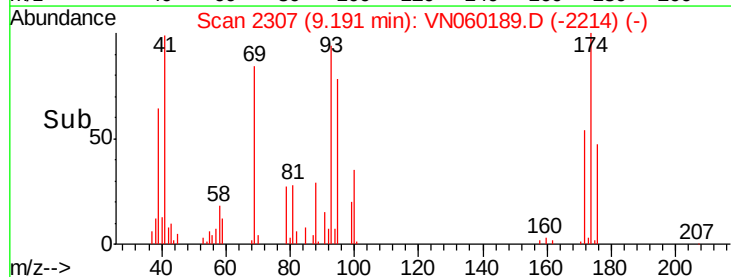
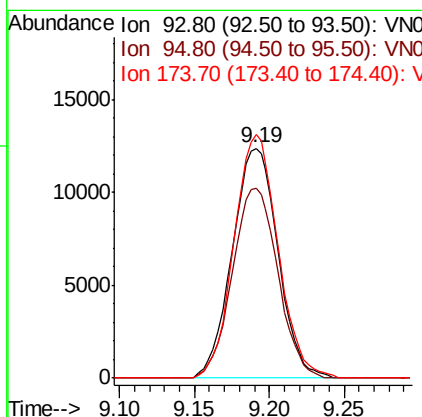
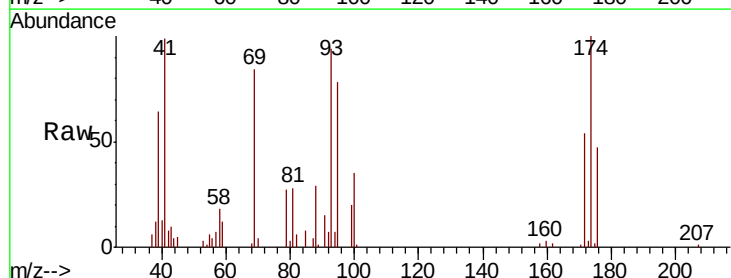
Instrument :  
 MSVOA\_N  
 ClientSampleId :

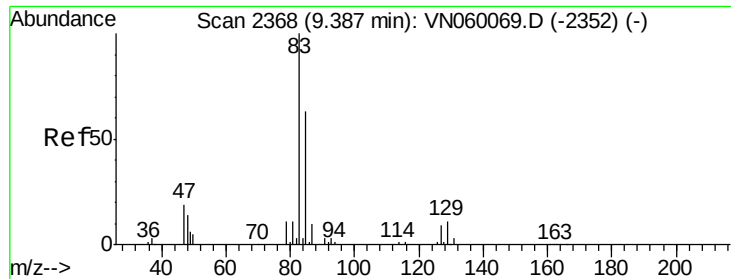
Tot Ion: 63 Resp: 38067  
 Ion Ratio Lower Upper  
 63 100  
 65 31.5 25.0 37.4



#46  
 Dibromomethane  
 Concen: 19.860 ug/l  
 RT: 9.19 min Scan# 2307  
 Delta R.T. 0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Tgt Ion: 93 Resp: 26310  
 Ion Ratio Lower Upper  
 93 100  
 95 82.1 65.0 97.6  
 174 101.9 82.3 123.5

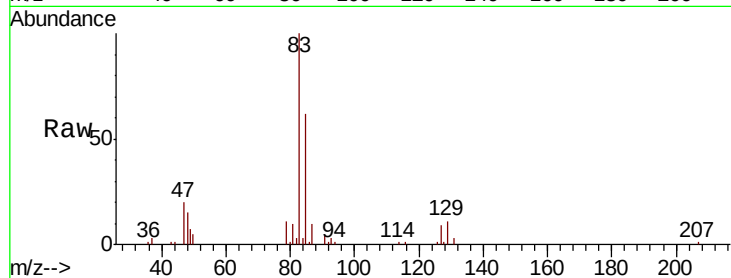




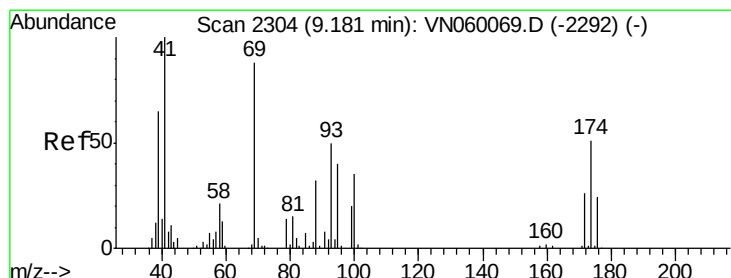
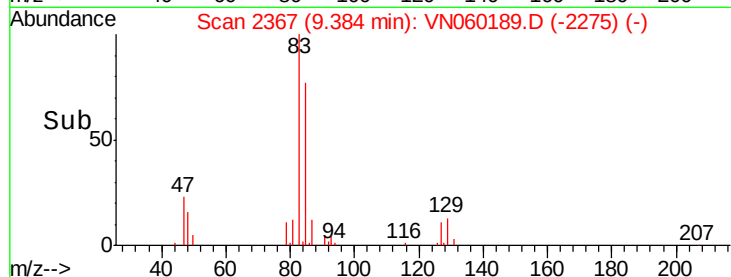
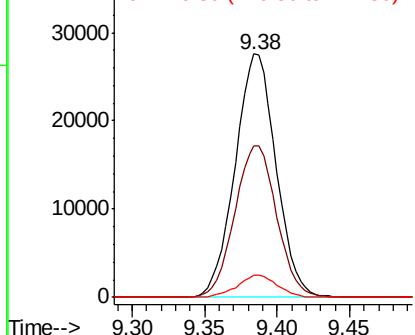
#47  
Bromodichloromethane  
Concen: 20.082 ug/l  
RT: 9.38 min Scan# 2367  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 83 Resp: 54087  
Ion Ratio Lower Upper  
83 100  
85 62.3 50.6 75.8  
127 8.9 7.0 10.6

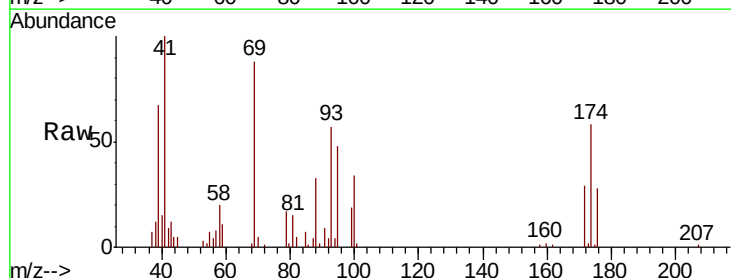


Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): VN0

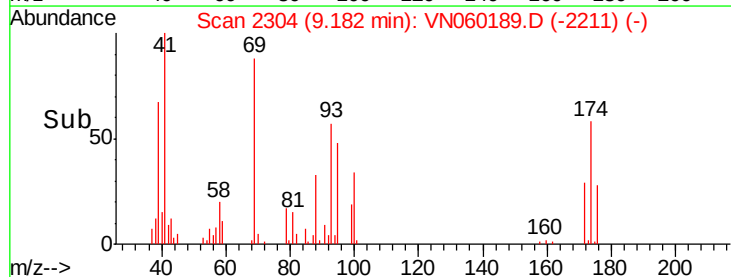
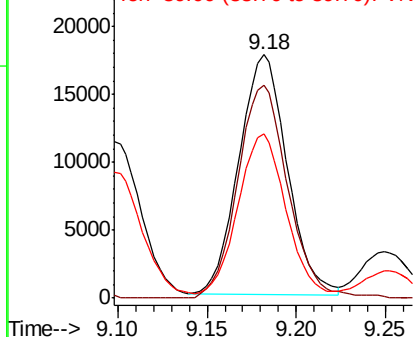


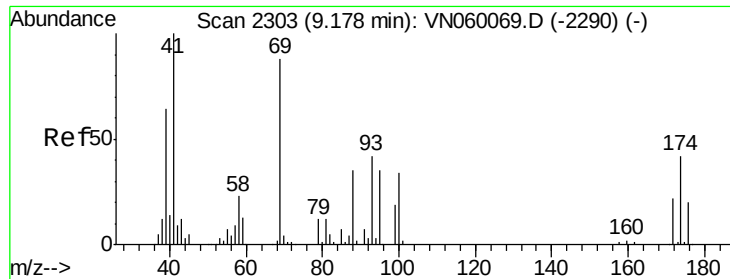
#48  
Methyl methacrylate  
Concen: 18.809 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion: 41 Resp: 33280  
Ion Ratio Lower Upper  
41 100  
69 92.3 72.0 108.0  
39 66.0 54.1 81.1



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

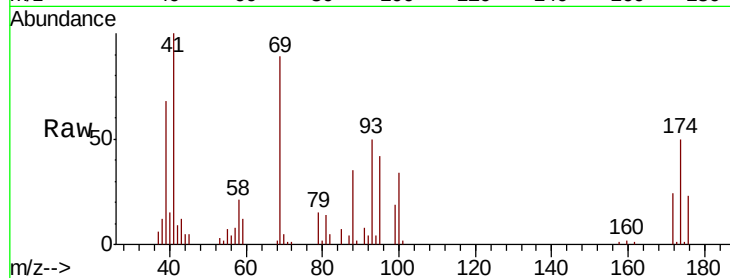




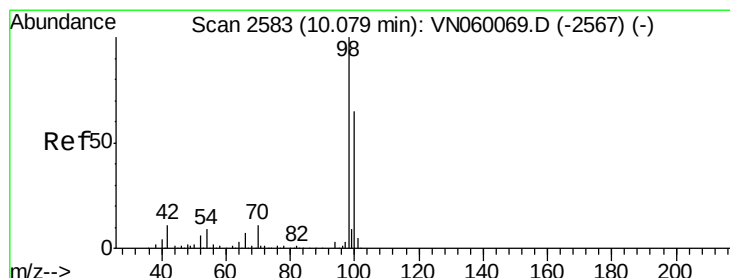
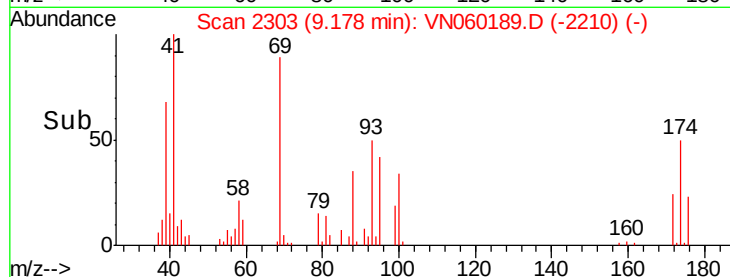
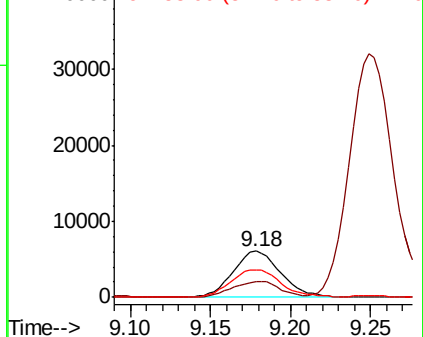
#49  
 1,4-Dioxane  
 Concen: 410.864 ug/l  
 RT: 9.18 min Scan# 2303  
 Delta R.T. 0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion: 88 Resp: 12421  
 Ion Ratio Lower Upper  
 88 100  
 43 34.5 26.2 39.2  
 58 62.0 53.2 79.8

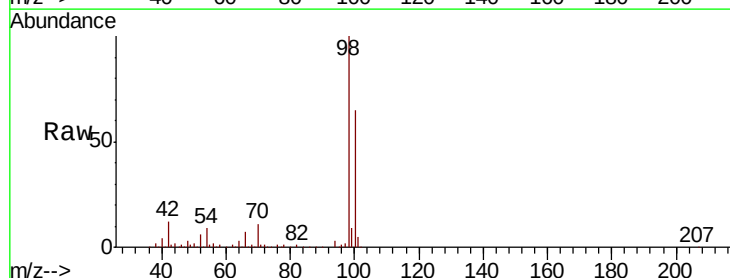


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

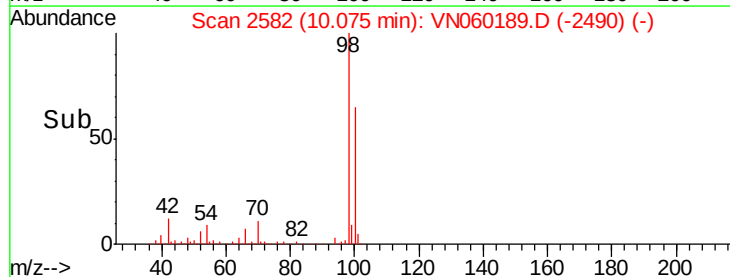
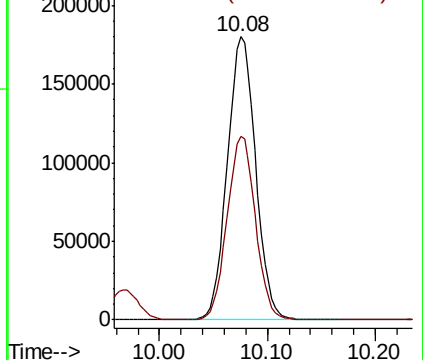


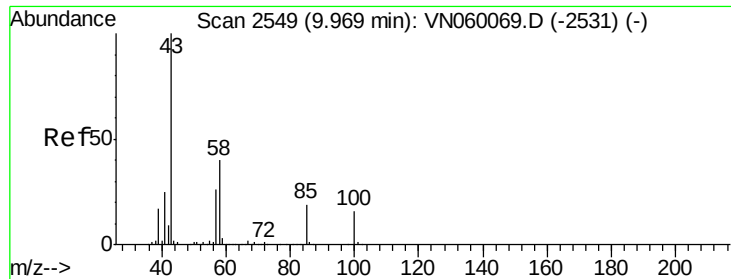
#50  
 Toluene-d8  
 Concen: 49.446 ug/l  
 RT: 10.08 min Scan# 2582  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Tgt Ion: 98 Resp: 329858  
 Ion Ratio Lower Upper  
 98 100  
 100 64.9 51.7 77.5



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

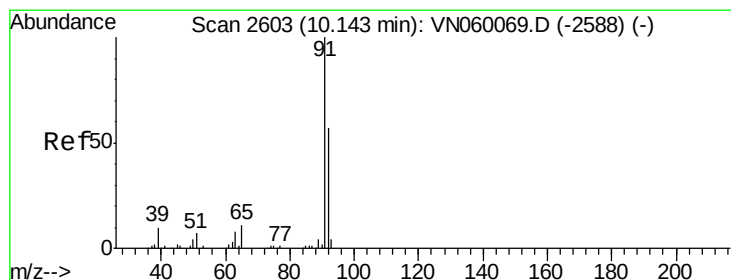
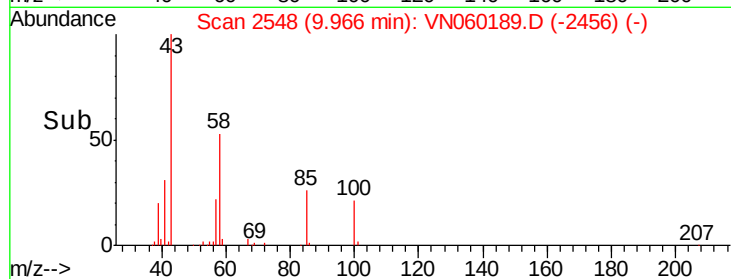
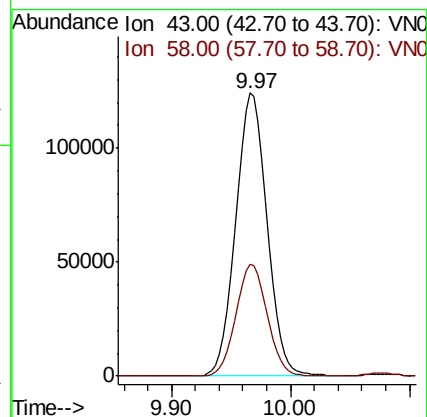
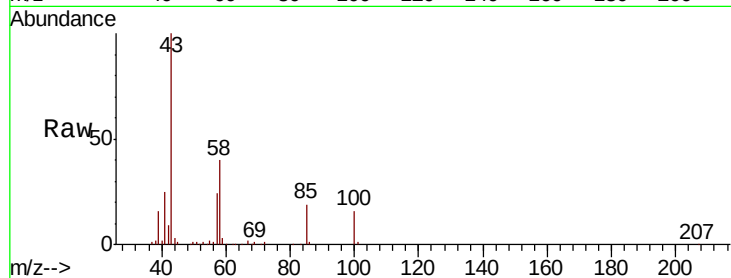




#51  
 4-Methyl-2-Pentanone  
 Concen: 99.335 ug/l  
 RT: 9.97 min Scan# 2548  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

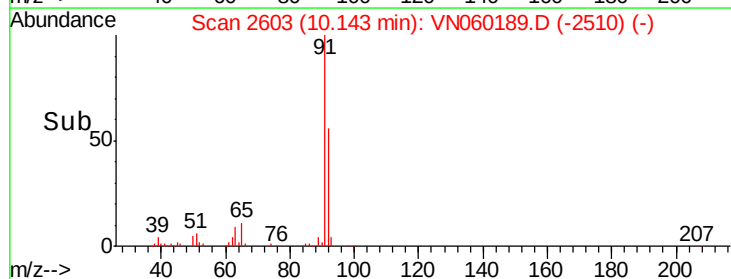
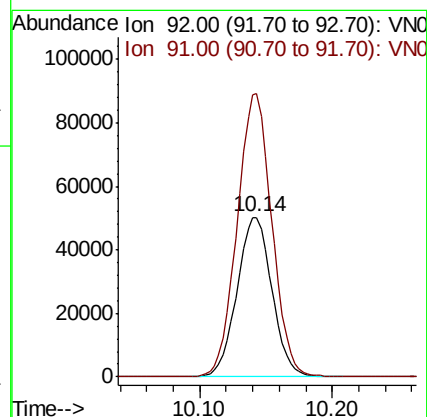
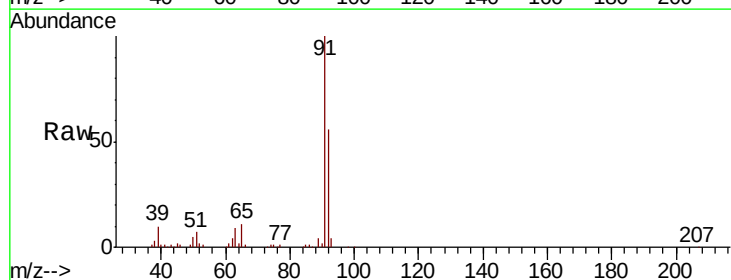
Instrument :  
 MSVOA\_N  
 ClientSampled :

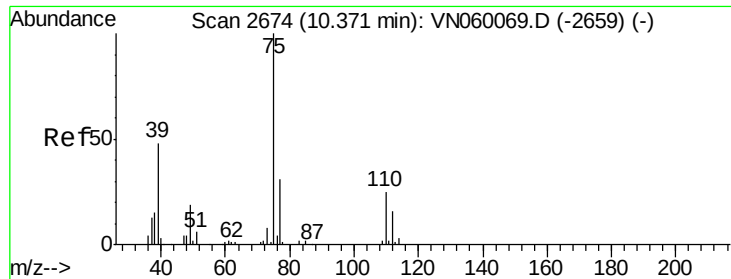
Tot Ion: 43 Resp: 226745  
 Ion Ratio Lower Upper  
 43 100  
 58 39.6 31.8 47.8



#52  
 Toluene  
 Concen: 18.935 ug/l  
 RT: 10.14 min Scan# 2603  
 Delta R.T. 0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Tgt Ion: 92 Resp: 91945  
 Ion Ratio Lower Upper  
 92 100  
 91 176.2 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 19.373 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

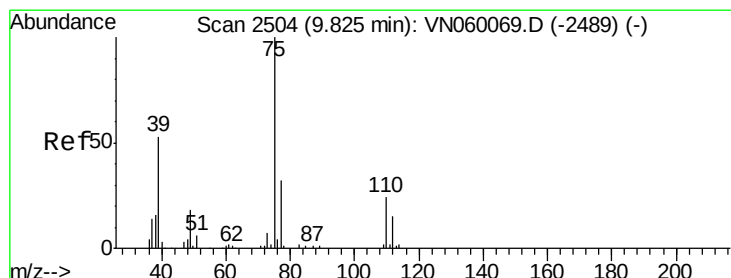
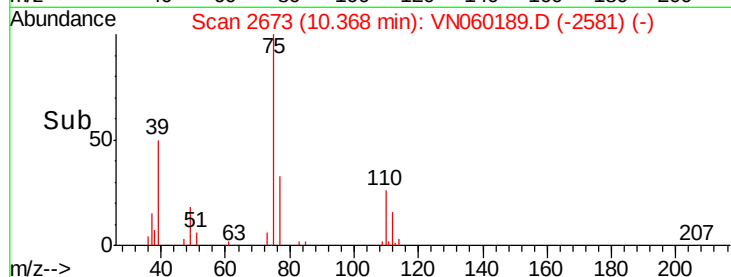
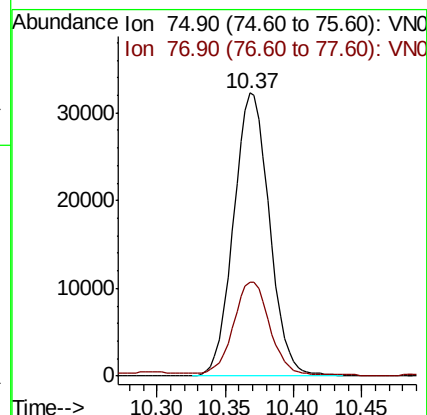
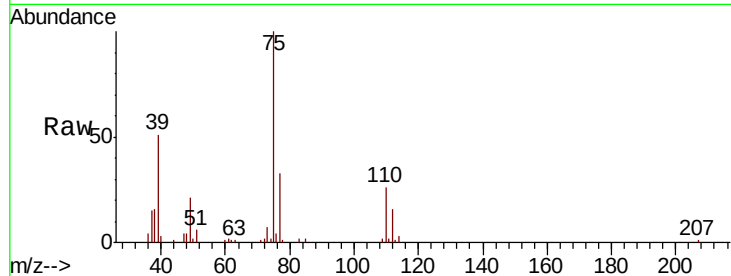
ClientSampleId :

Tot Ion: 75 Resp: 58898

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.860 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

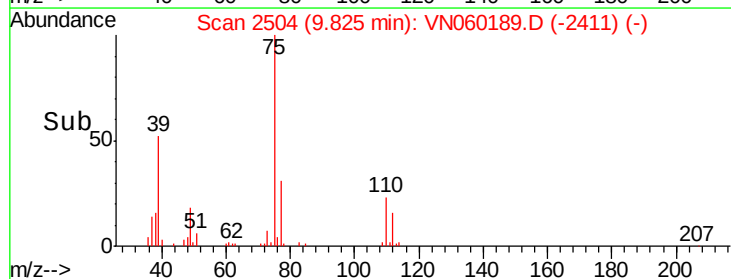
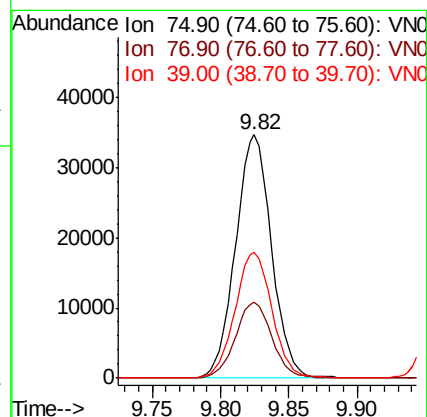
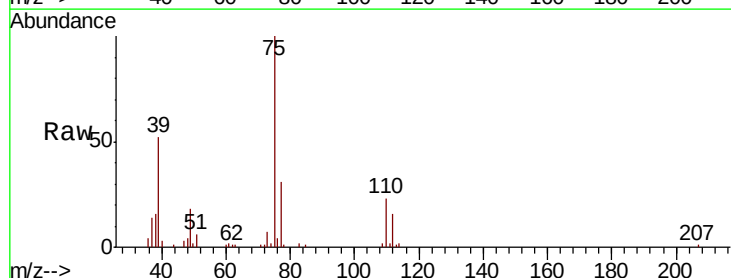
Tgt Ion: 75 Resp: 63577

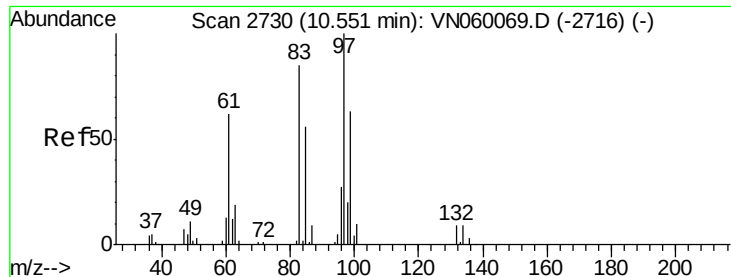
Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

39 51.8 42.2 63.4

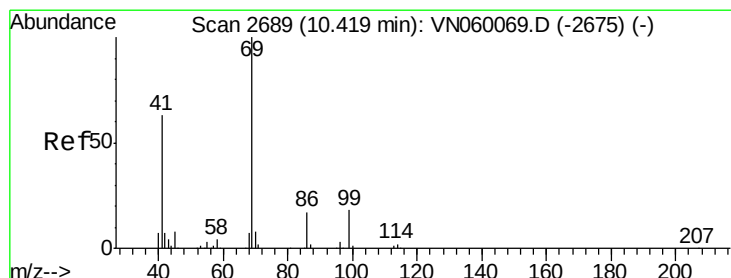
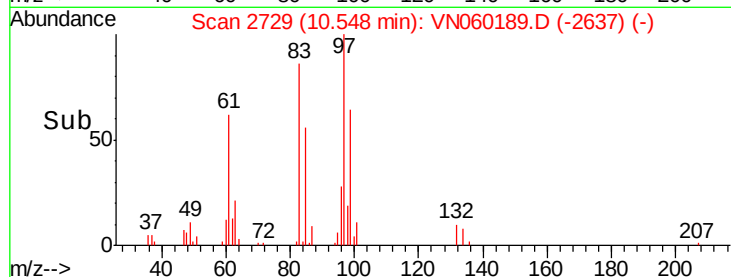
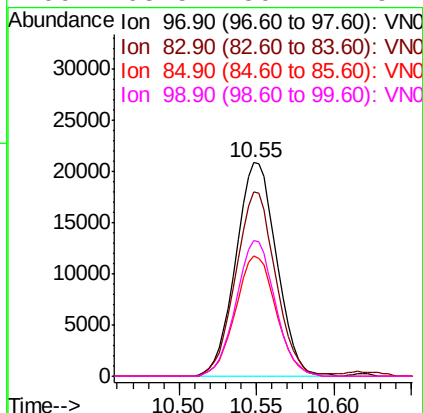
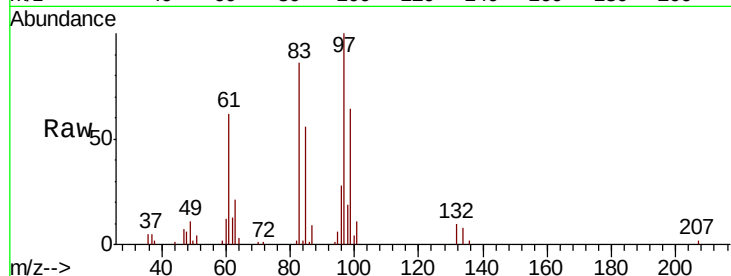




#55  
 1,1,2-Trichloroethane  
 Concen: 20.222 ug/l  
 RT: 10.55 min Scan# 2729  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

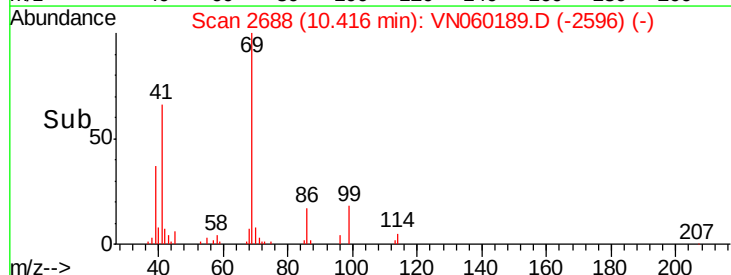
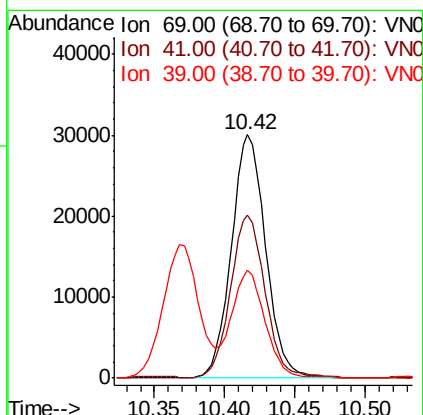
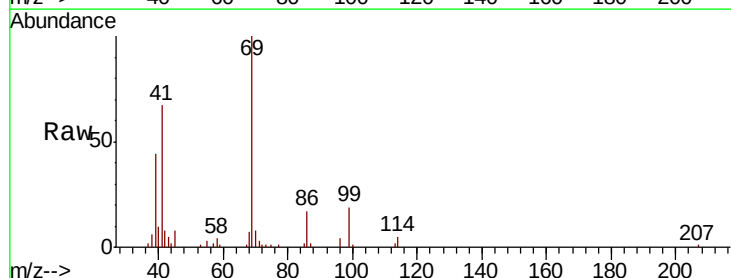
Instrument :  
 MSVOA\_N  
 ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 38307 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.2  | 67.9  | 101.9 |
| 85       | 56.3  | 44.6  | 67.0  |
| 99       | 63.5  | 50.1  | 75.1  |

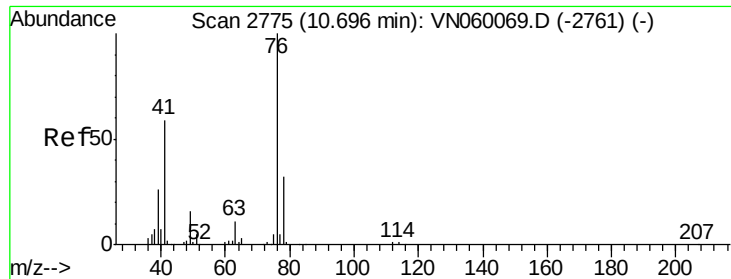


#56  
 Ethyl methacrylate  
 Concen: 19.134 ug/l  
 RT: 10.42 min Scan# 2688  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 51276 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 68.0  | 51.1  | 76.7  |
| 39       | 44.0  | 33.8  | 50.8  |







#57

1,3-Dichloropropane

Concen: 19.876 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

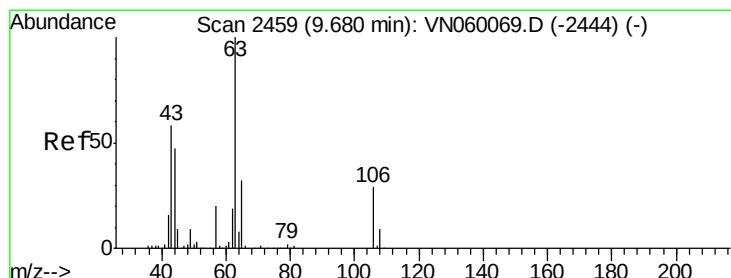
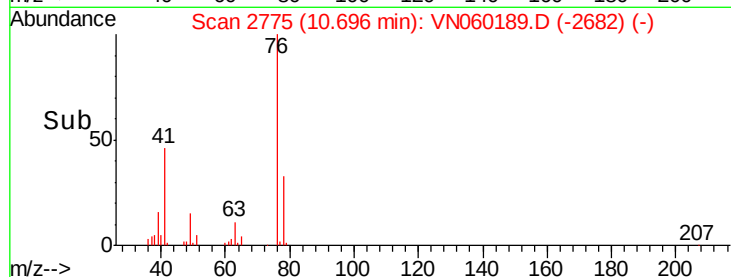
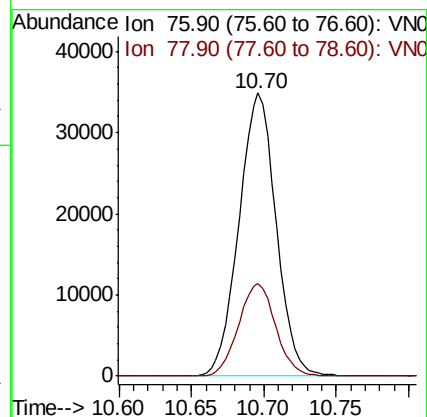
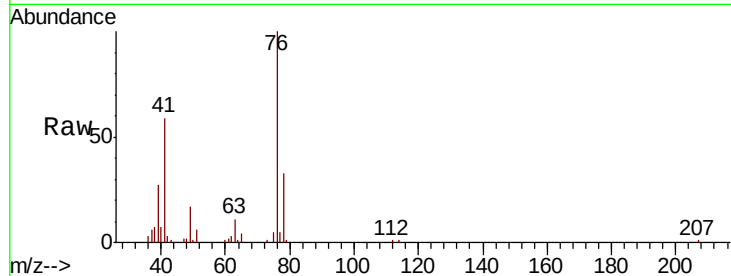
ClientSampled :

Tot Ion: 76 Resp: 62129

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 98.780 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060189.D

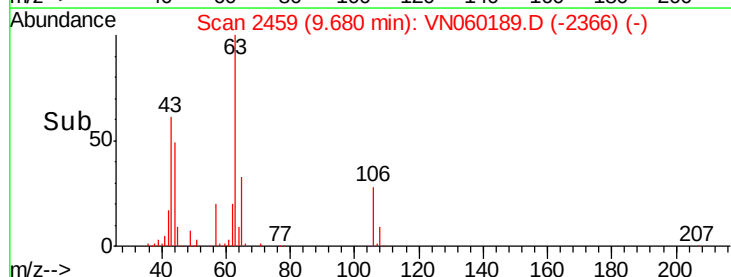
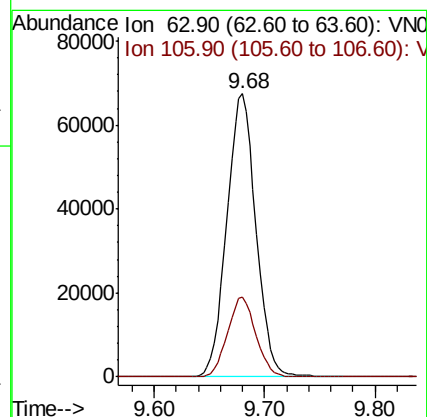
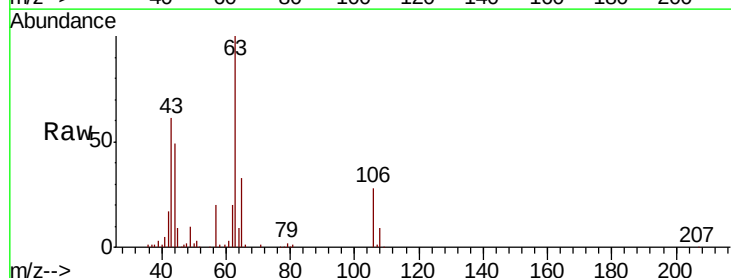
Acq: 21 Feb 2020 15:03

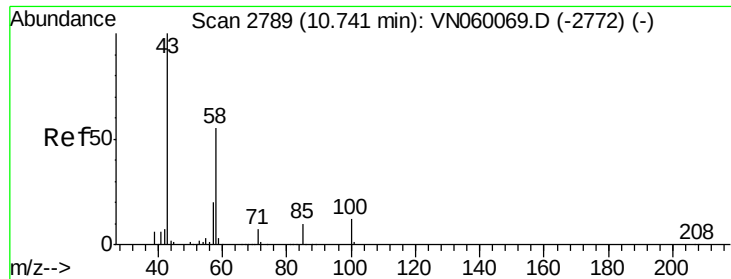
Tgt Ion: 63 Resp: 123320

Ion Ratio Lower Upper

63 100

106 27.5 22.9 34.3

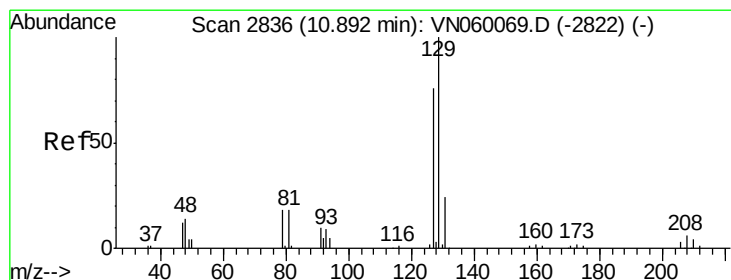
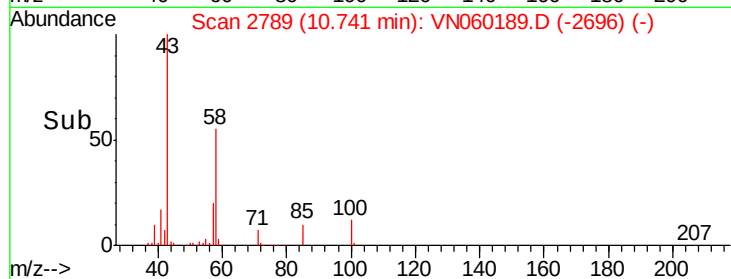
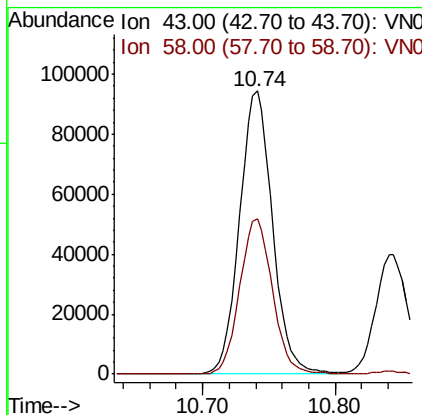
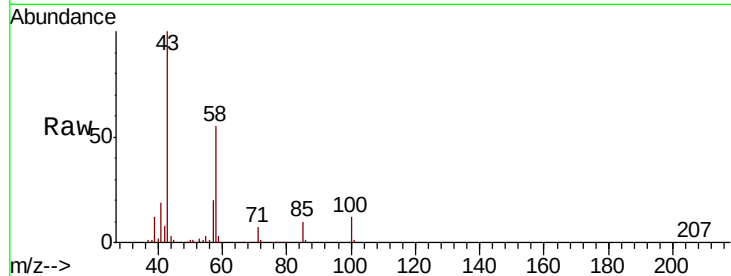




#59  
2-Hexanone  
Concen: 92.279 ug/l  
RT: 10.74 min Scan# 2789  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

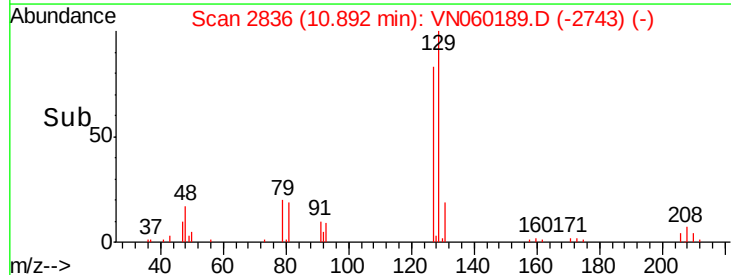
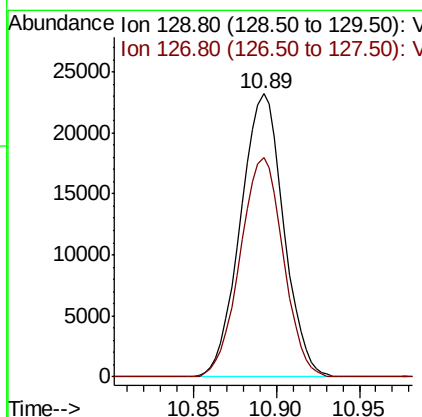
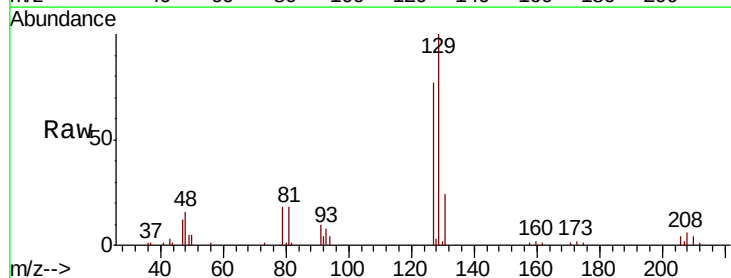
Instrument :  
MSVOA\_N  
ClientSampled :

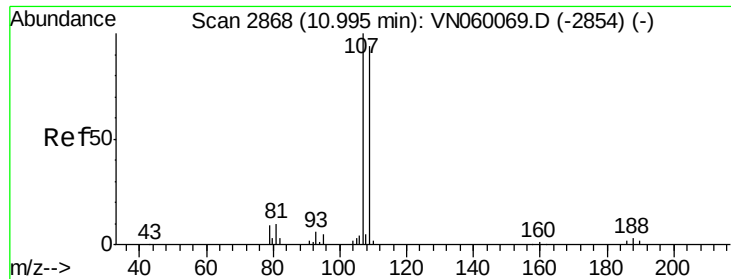
Tot Ion: 43 Resp: 162714  
Ion Ratio Lower Upper  
43 100  
58 54.7 27.5 82.4



#60  
Dibromochloromethane  
Concen: 19.338 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion:129 Resp: 42038  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.0 114.1

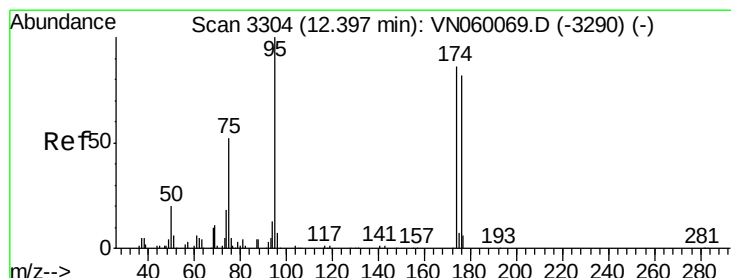
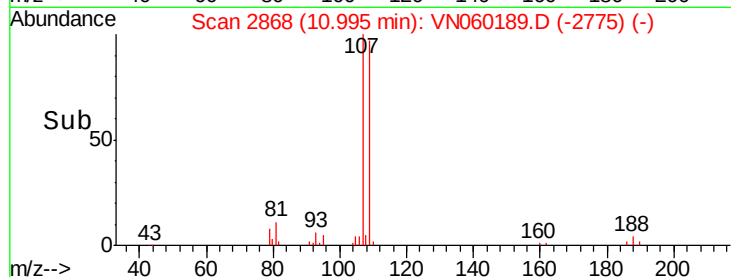
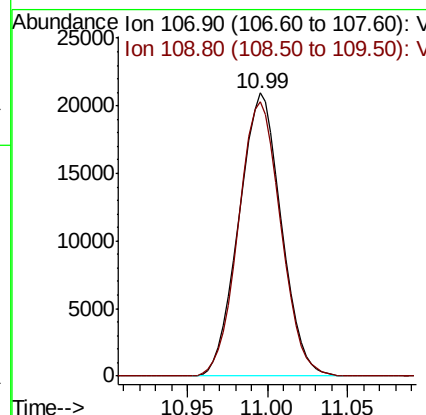
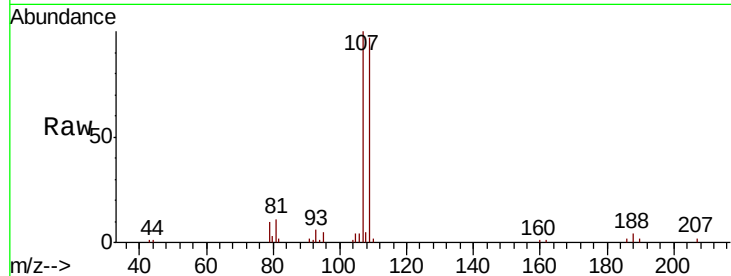




#61  
 1,2-Dibromoethane  
 Concen: 19.041 ug/l  
 RT: 10.99 min Scan# 2868  
 Delta R.T. 0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

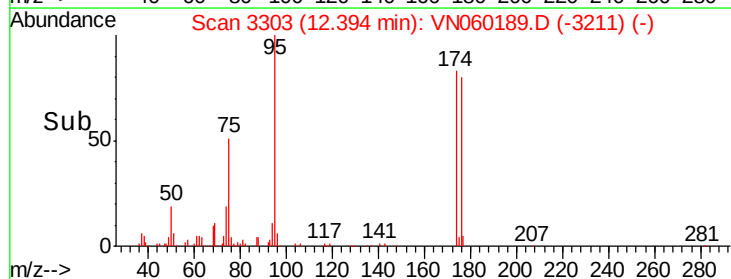
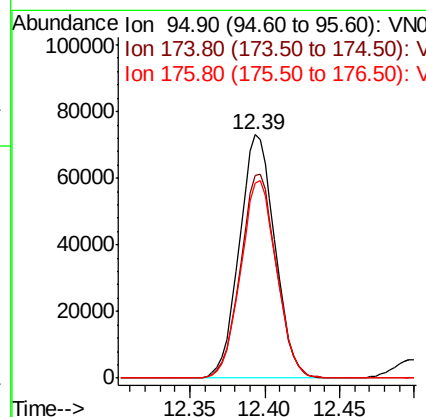
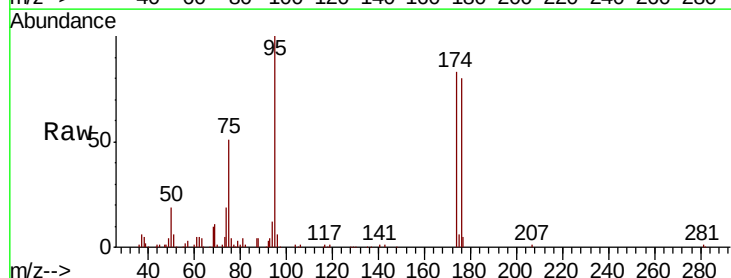
Instrument :  
 MSVOA\_N  
 ClientSampled :

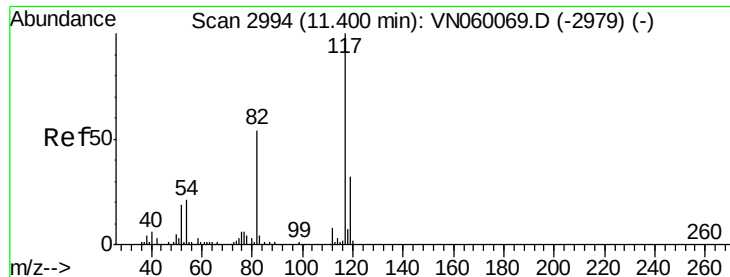
Tot Ion:107 Resp: 37811  
 Ion Ratio Lower Upper  
 107 100  
 109 96.9 75.4 113.0



#62  
 4-Bromofluorobenzene  
 Concen: 49.315 ug/l  
 RT: 12.39 min Scan# 3303  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Tgt Ion: 95 Resp: 120886  
 Ion Ratio Lower Upper  
 95 100  
 174 84.2 0.0 169.8  
 176 81.8 0.0 164.8

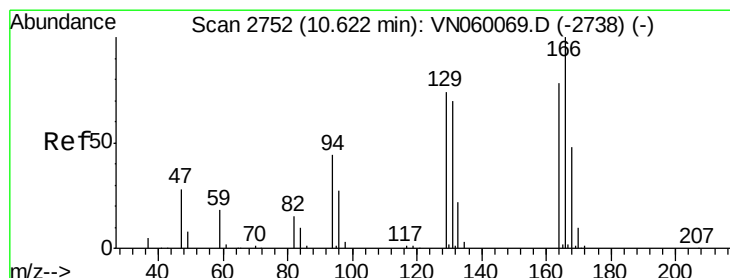
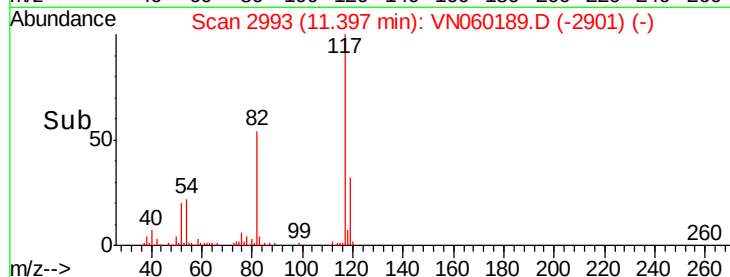
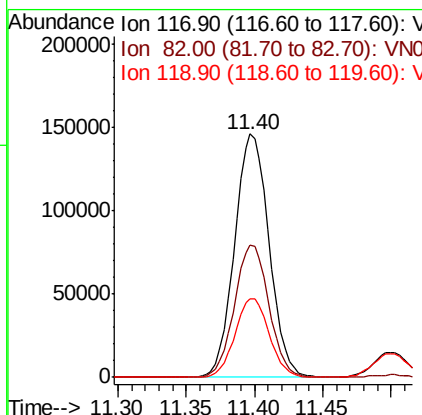
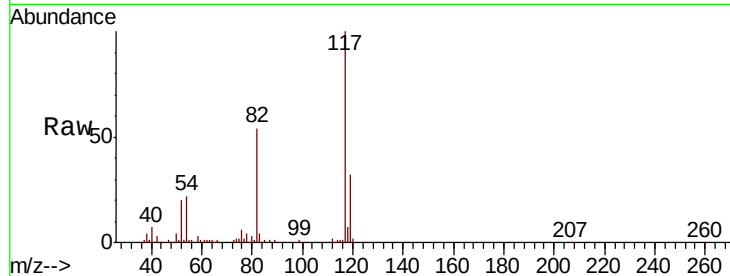




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2993  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

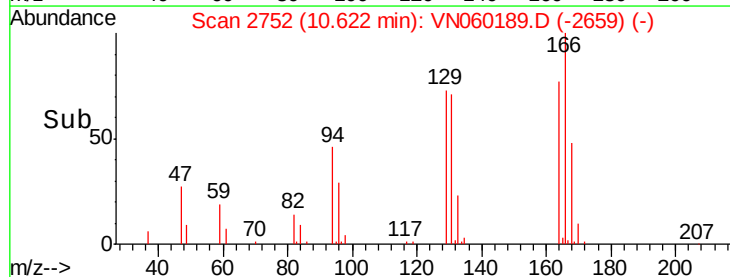
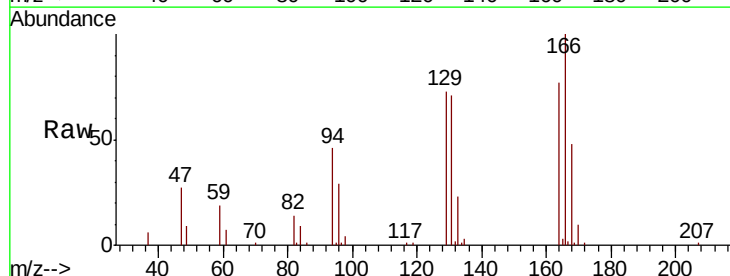
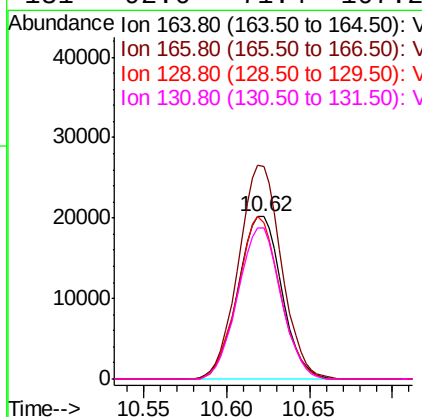
Instrument :  
MSVOA\_N  
ClientSampleId :

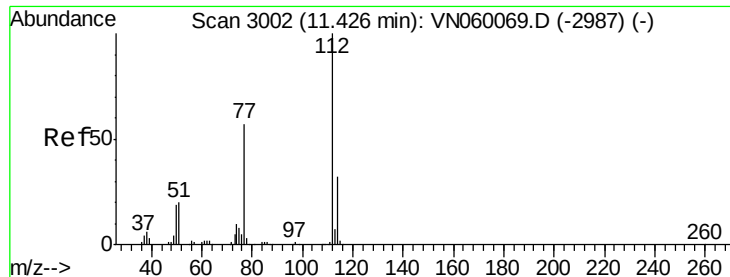
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.4  | 43.4  | 65.0  |
| 119     | 32.5  | 25.8  | 38.6  |



#64  
Tetrachloroethene  
Concen: 19.107 ug/l  
RT: 10.62 min Scan# 2752  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.5 | 101.9 | 152.9 |
| 129     | 95.9  | 75.4  | 113.0 |
| 131     | 92.6  | 71.4  | 107.2 |

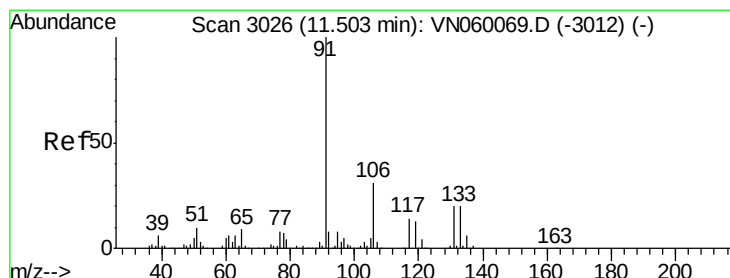
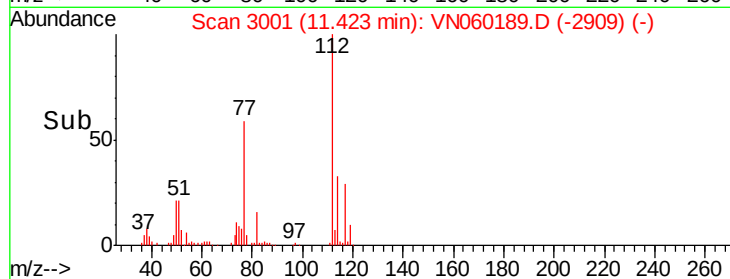
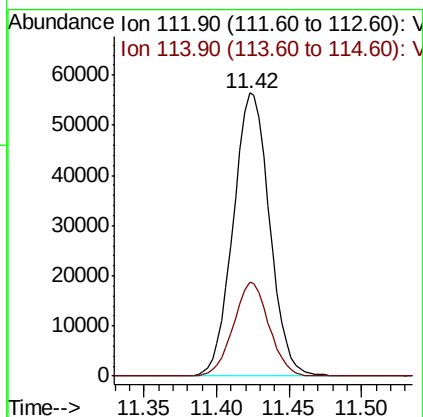
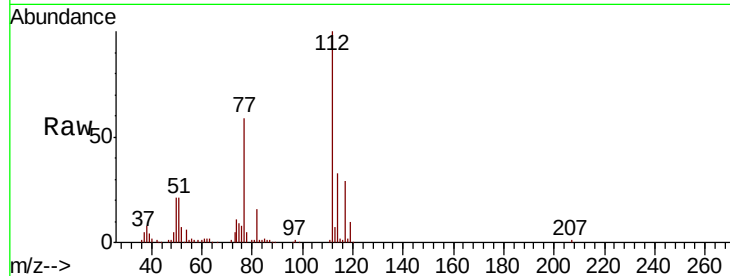




#65  
Chlorobenzene  
Concen: 18.874 ug/l  
RT: 11.42 min Scan# 3001  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

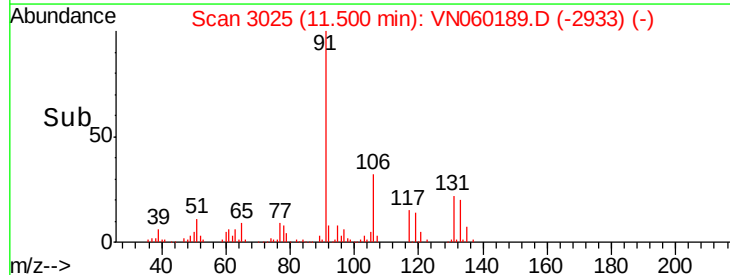
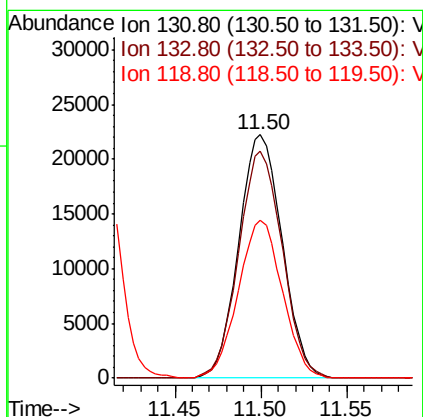
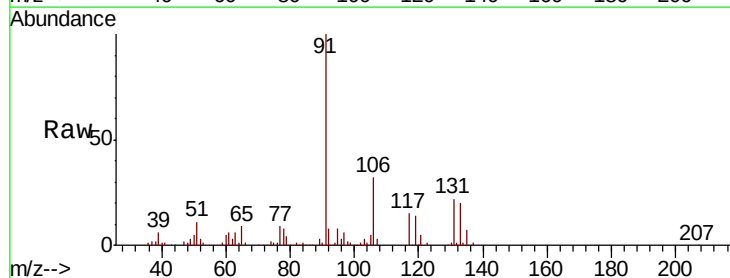
Instrument :  
MSVOA\_N  
ClientSampled :

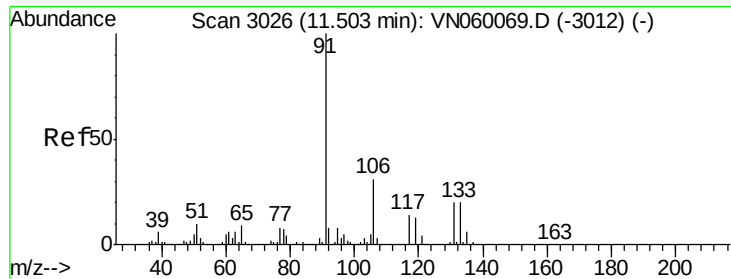
Tot Ion:112 Resp: 98516  
Ion Ratio Lower Upper  
112 100  
114 33.1 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.711 ug/l  
RT: 11.50 min Scan# 3025  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion:131 Resp: 38922  
Ion Ratio Lower Upper  
131 100  
133 93.8 47.9 143.7  
119 65.7 32.6 97.7

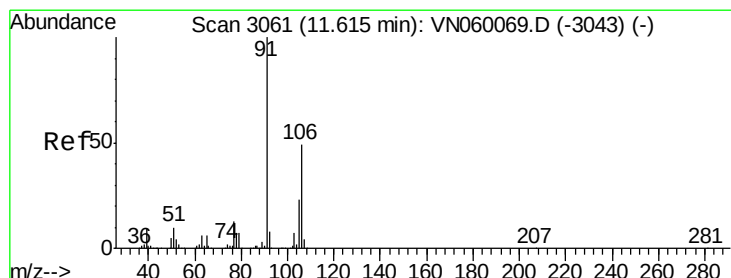
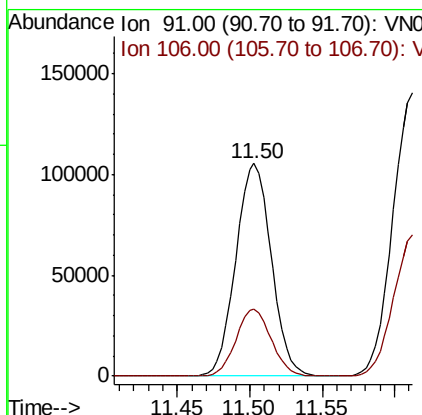
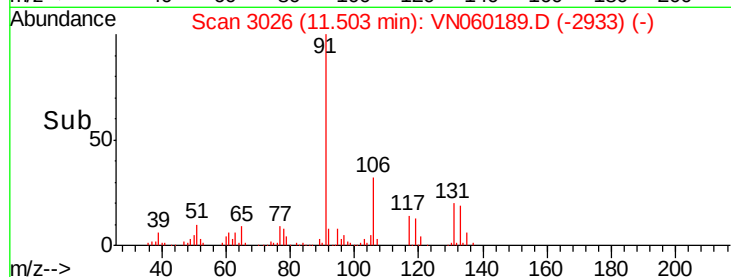
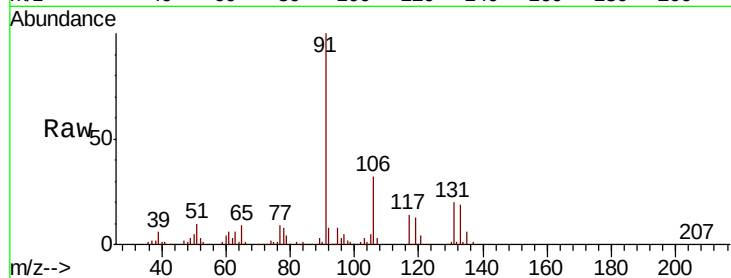




#67  
Ethyl Benzene  
Concen: 19.115 ug/l  
RT: 11.50 min Scan# 3026  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

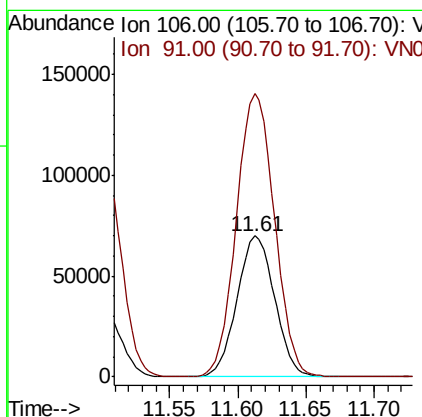
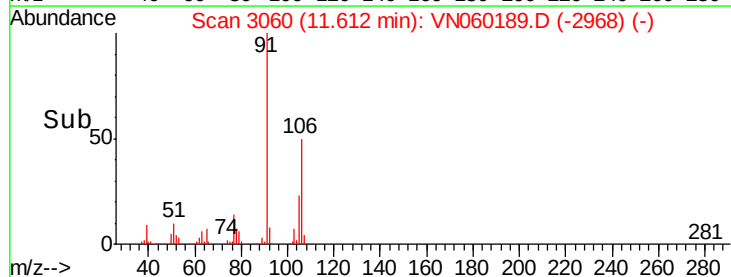
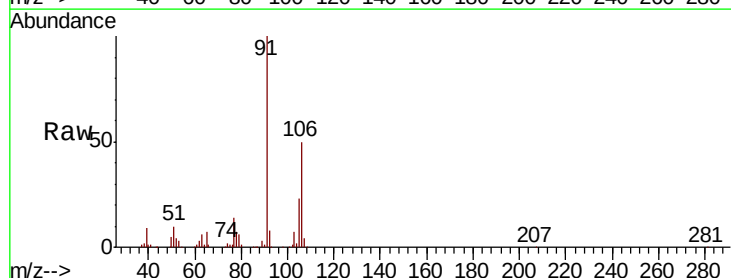
Instrument :  
MSVOA\_N  
ClientSampled :

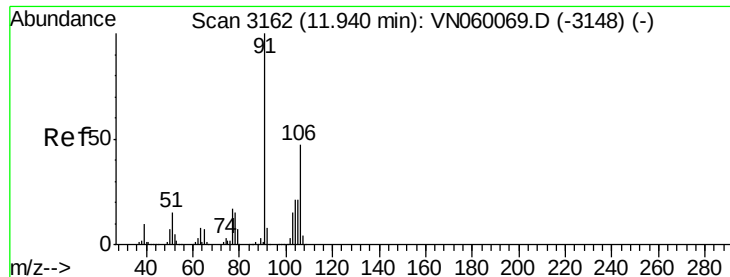
Tot Ion: 91 Resp: 179949  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.1 37.7



#68  
m/p-Xylenes  
Concen: 37.960 ug/l  
RT: 11.61 min Scan# 3060  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion: 106 Resp: 134123  
Ion Ratio Lower Upper  
106 100  
91 203.1 162.7 244.1

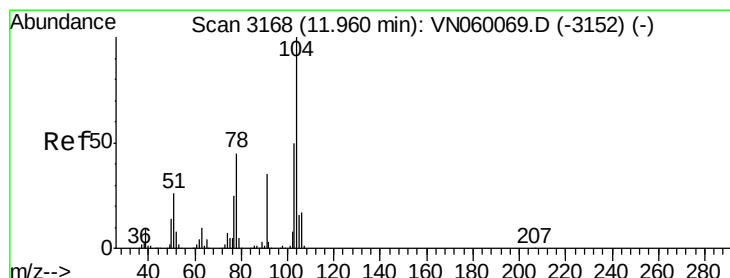
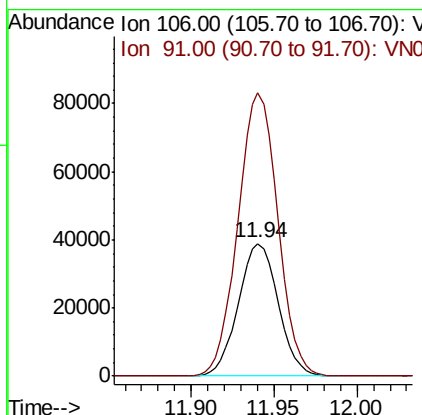
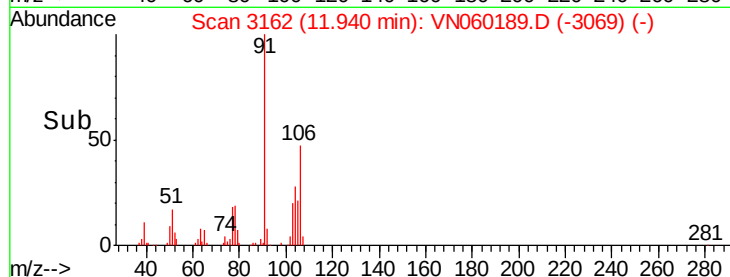
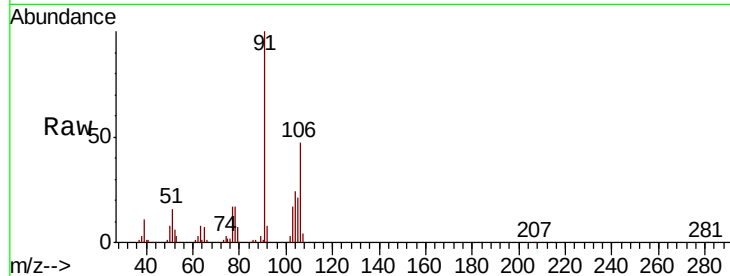




#69  
o-Xylene  
Concen: 19.151 ug/l  
RT: 11.94 min Scan# 3162  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

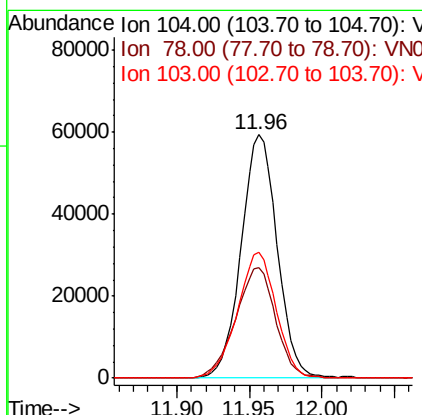
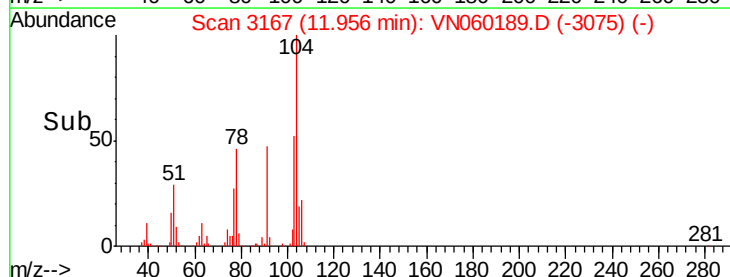
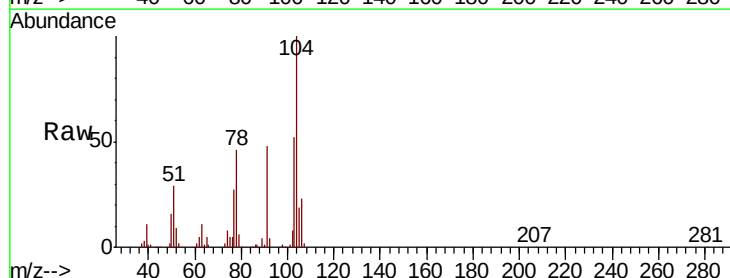
Instrument :  
MSVOA\_N  
ClientSampled :

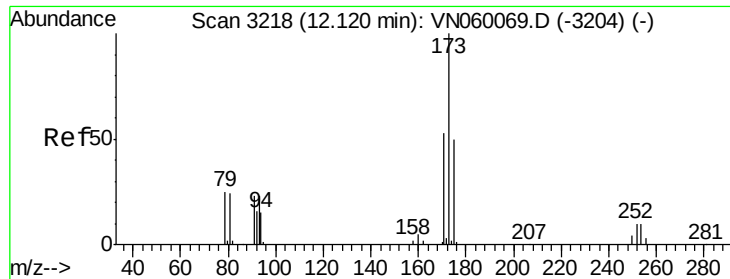
Tot Ion:106 Resp: 65152  
Ion Ratio Lower Upper  
106 100  
91 214.2 107.2 321.6



#70  
Styrene  
Concen: 18.746 ug/l  
RT: 11.96 min Scan# 3167  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion:104 Resp: 102841  
Ion Ratio Lower Upper  
104 100  
78 50.5 40.2 60.2  
103 55.8 44.3 66.5

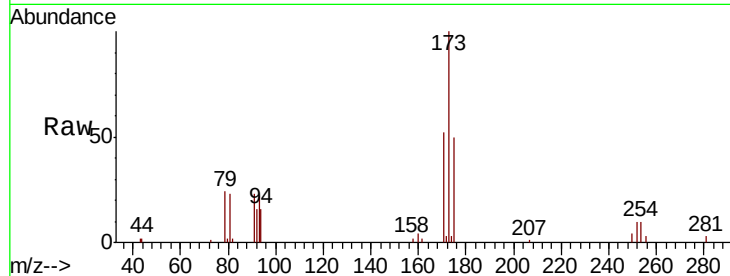




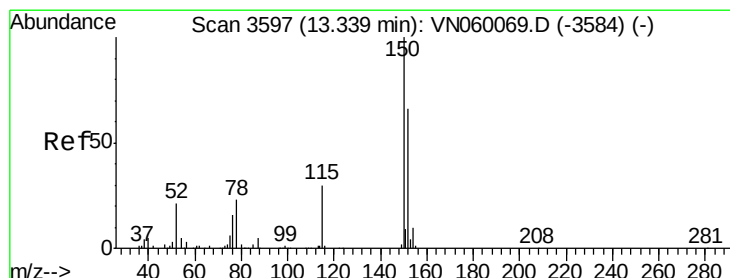
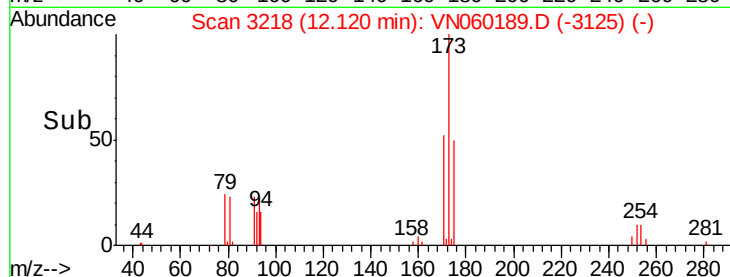
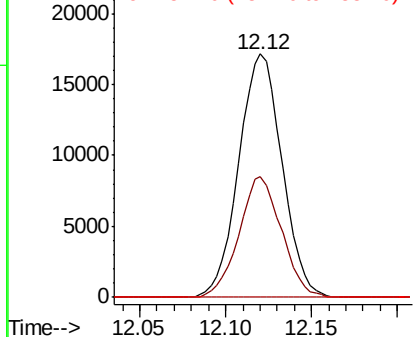
#71  
Bromoform  
Concen: 18.898 ug/l  
RT: 12.12 min Scan# 3218  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:173 Resp: 30014  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.9 74.6  
254 0.0 0.0 0.0

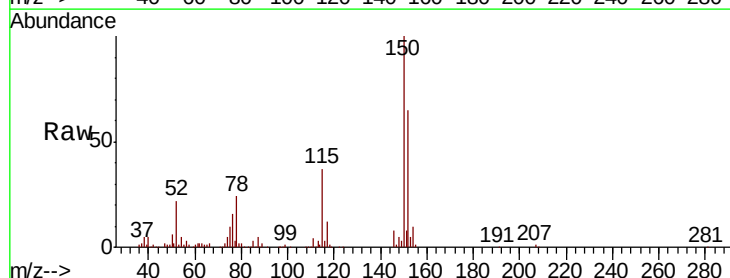


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

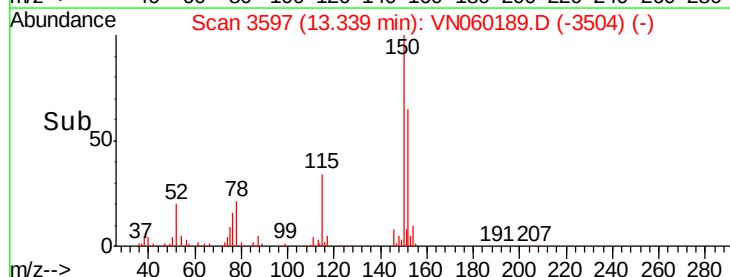
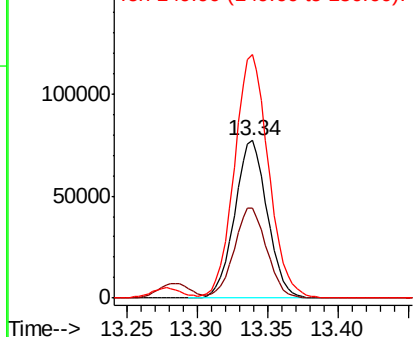


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

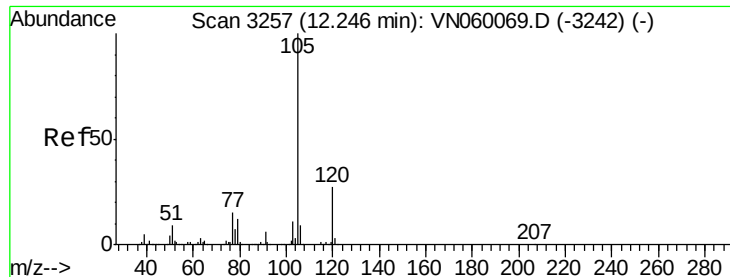
Tgt Ion:152 Resp: 124908  
Ion Ratio Lower Upper  
152 100  
115 57.0 28.9 86.8  
150 162.6 0.0 342.4



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: 18.903 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

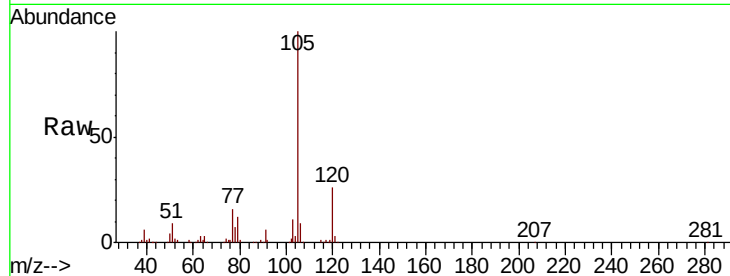
ClientSampled :

Tot Ion:105 Resp: 176321

Ion Ratio Lower Upper

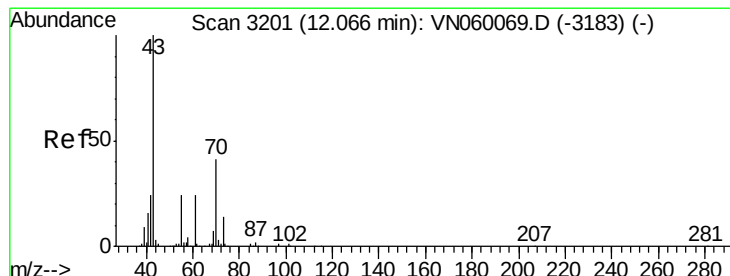
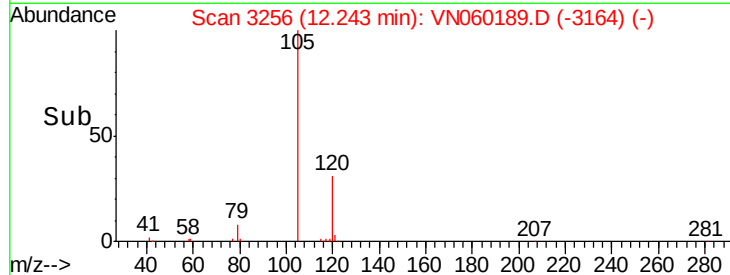
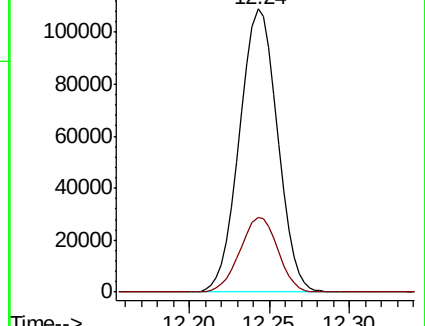
105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.348 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Tgt Ion: 43 Resp: 65076

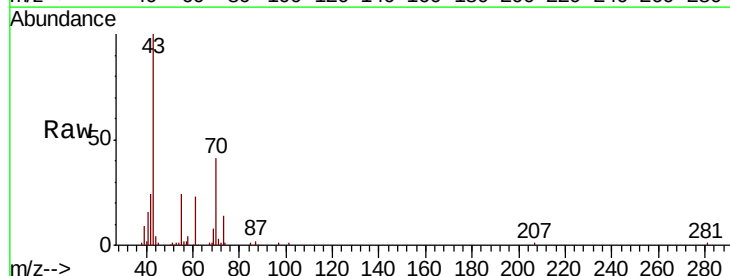
Ion Ratio Lower Upper

43 100

70 41.0 33.4 50.0

55 23.5 18.8 28.2

61 23.4 19.2 28.8

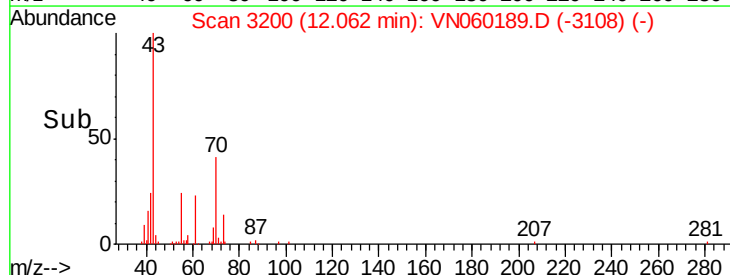
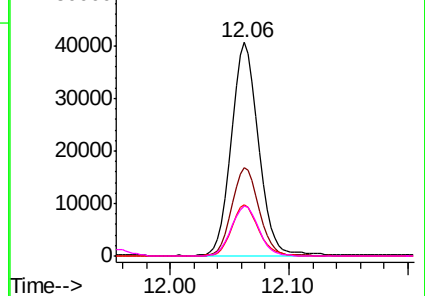


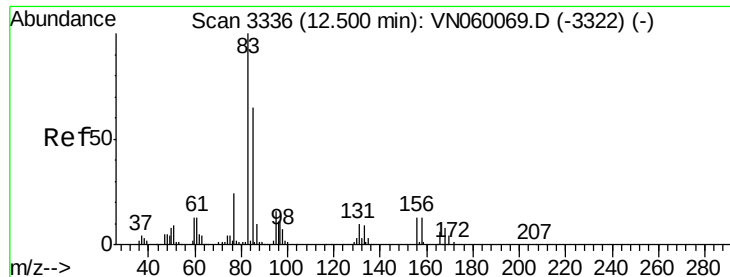
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.550 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

ClientSampleId :

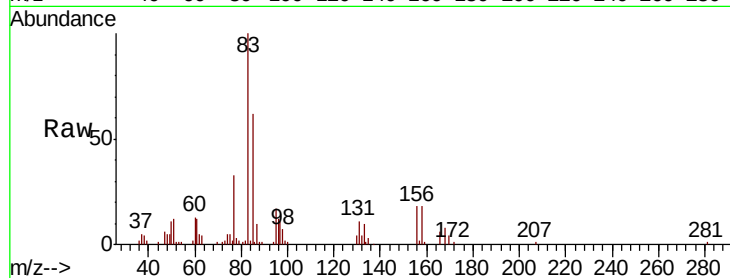
Tot Ion: 83 Resp: 52486

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

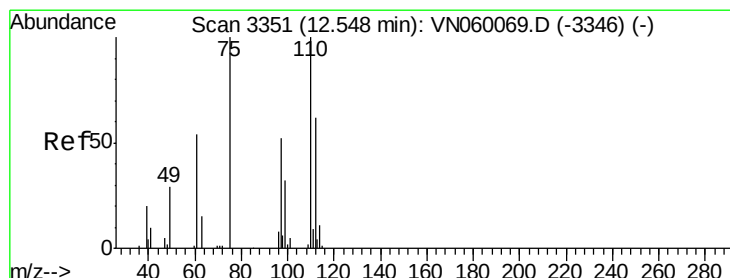
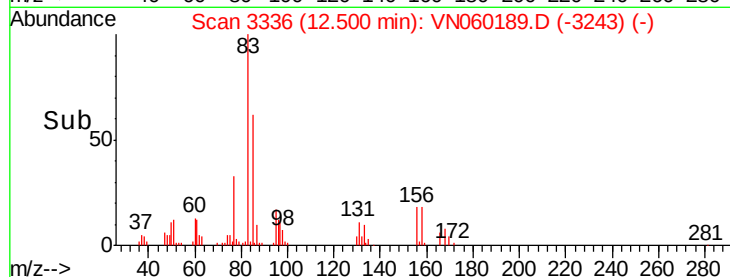
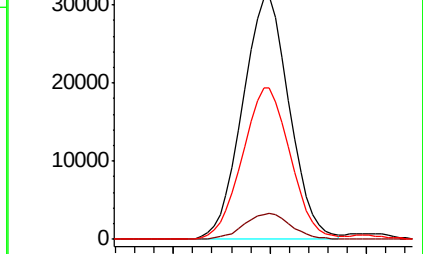
85 63.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060189.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060189.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060189.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 29.240 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060189.D

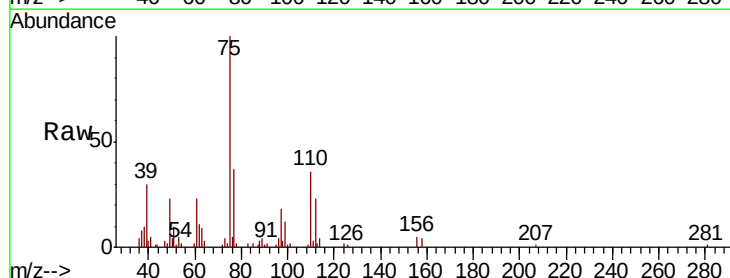
Acq: 21 Feb 2020 15:03

Tgt Ion: 75 Resp: 69876

Ion Ratio Lower Upper

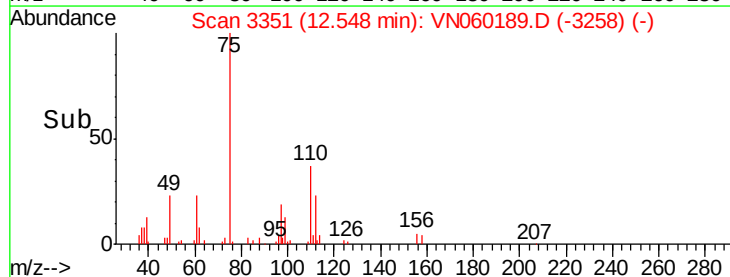
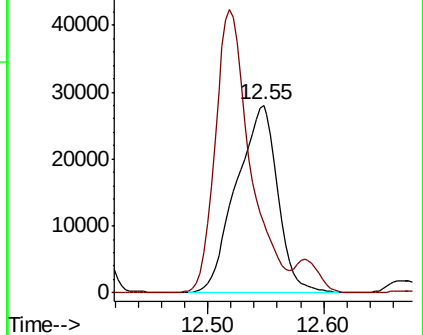
75 100

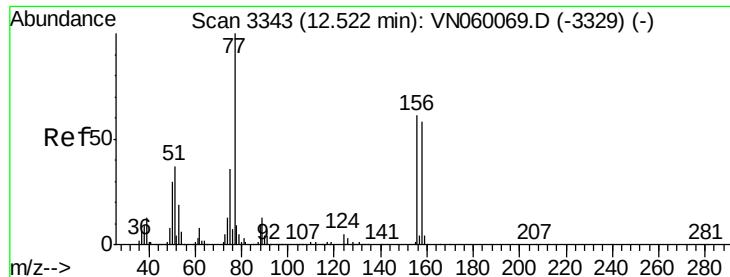
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060189.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060189.D (-3258) (-)





#77

Bromobenzene

Concen: 18.970 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

ClientSampled :

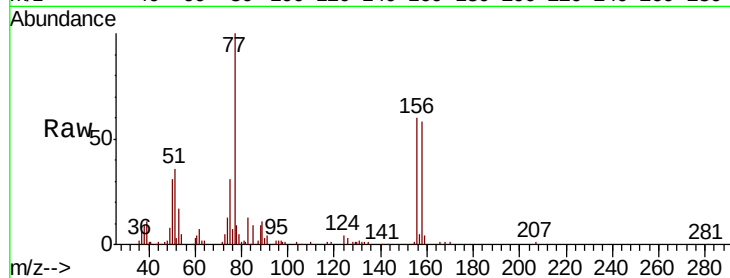
Tot Ion:156 Resp: 43912

Ion Ratio Lower Upper

156 100

77 202.1 98.7 296.1

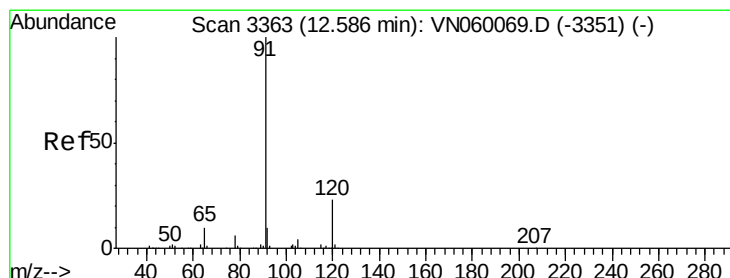
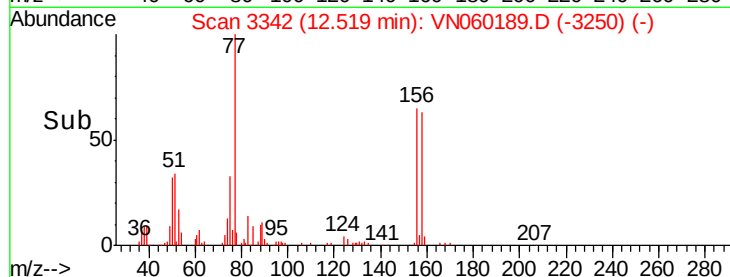
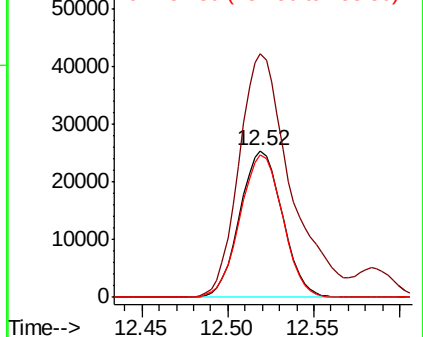
158 97.1 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.731 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060189.D

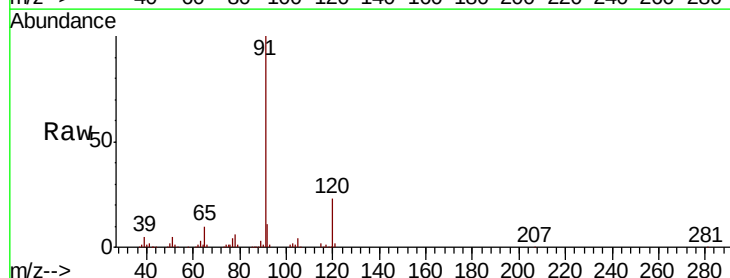
Acq: 21 Feb 2020 15:03

Tgt Ion: 91 Resp: 199057

Ion Ratio Lower Upper

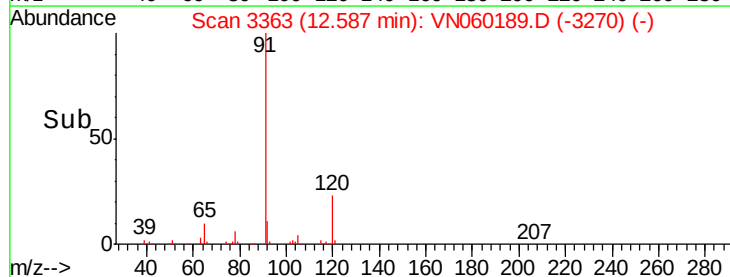
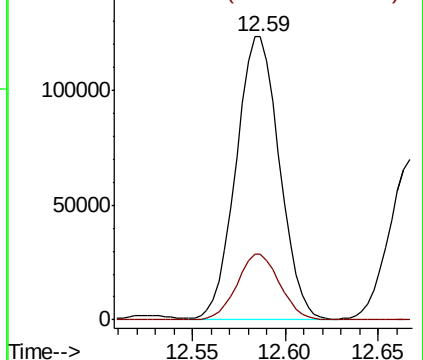
91 100

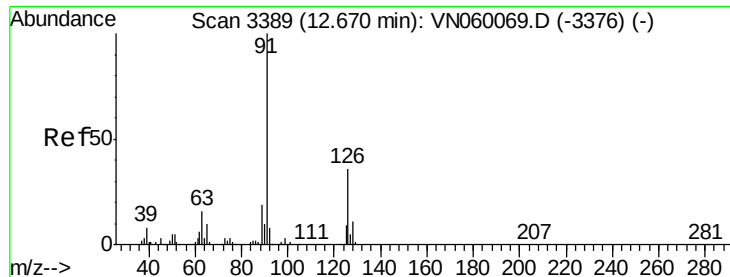
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.810 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

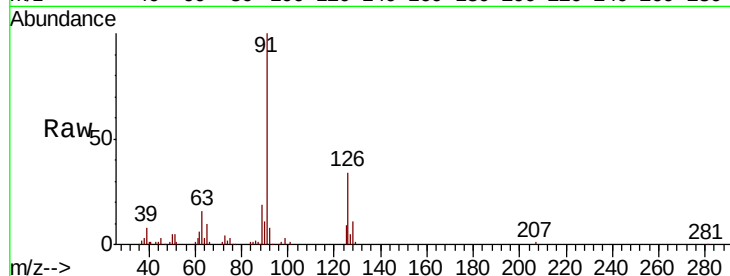
ClientSampleId :

Tot Ion: 91 Resp: 117490

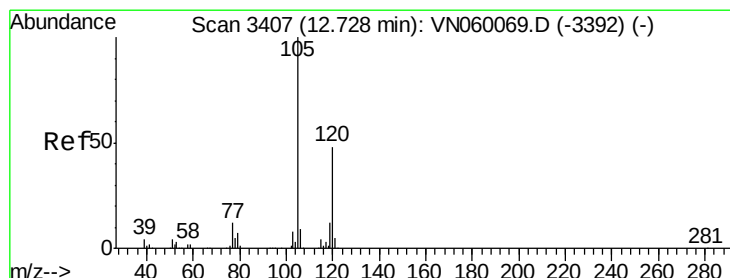
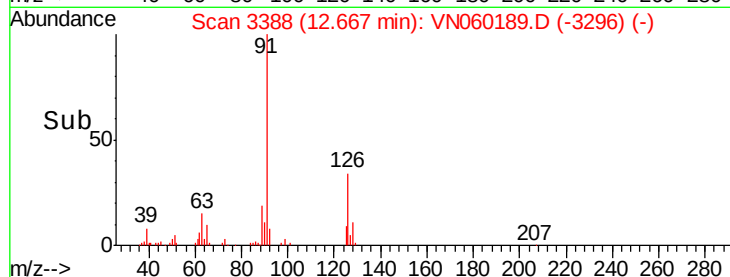
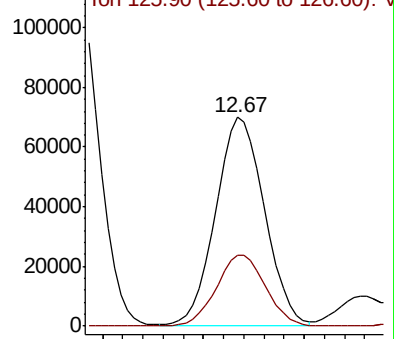
Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.796 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060189.D

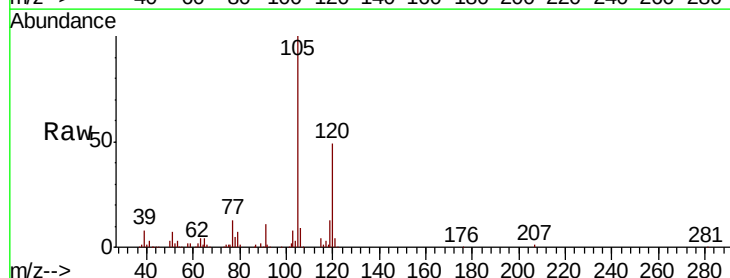
Acq: 21 Feb 2020 15:03

Tgt Ion:105 Resp: 145767

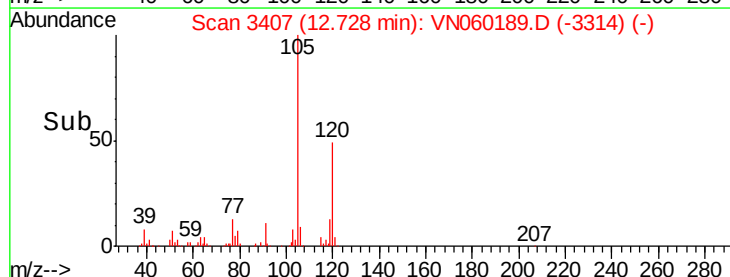
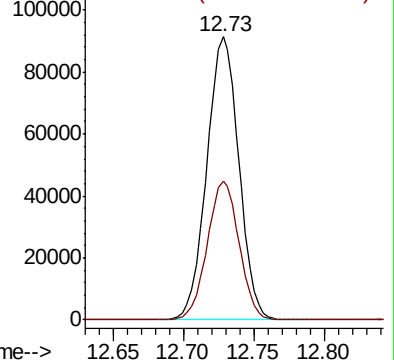
Ion Ratio Lower Upper

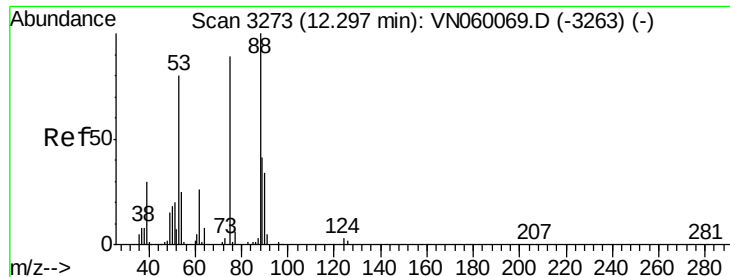
105 100

120 48.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VN060069.D (-3392) (-)

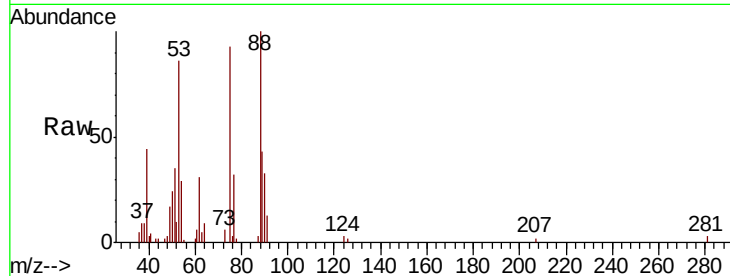




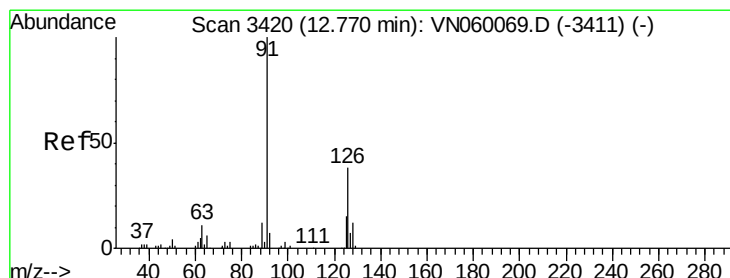
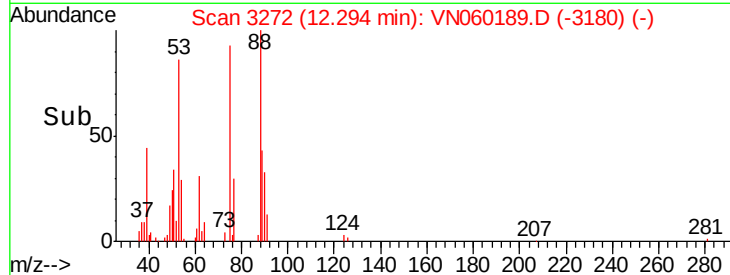
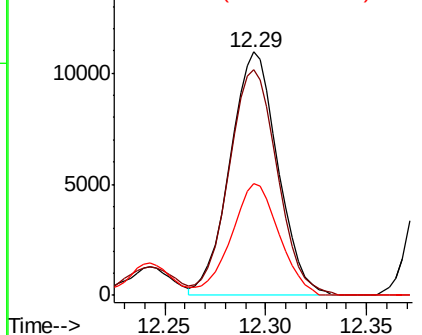
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.650 ug/l  
RT: 12.29 min Scan# 3272  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 75 Resp: 18203  
Ion Ratio Lower Upper  
75 100  
53 94.2 73.9 110.9  
89 45.6 37.0 55.4

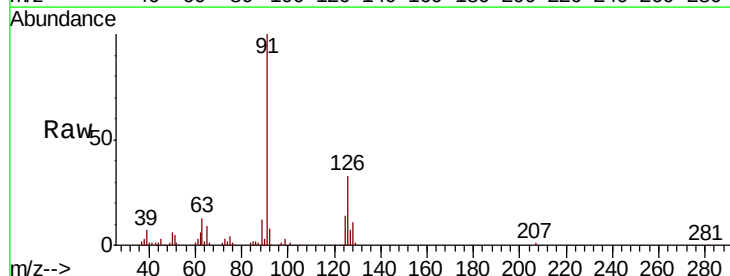


Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 53.00 (52.70 to 53.70): VN0  
Ion 88.90 (88.60 to 89.60): VN0

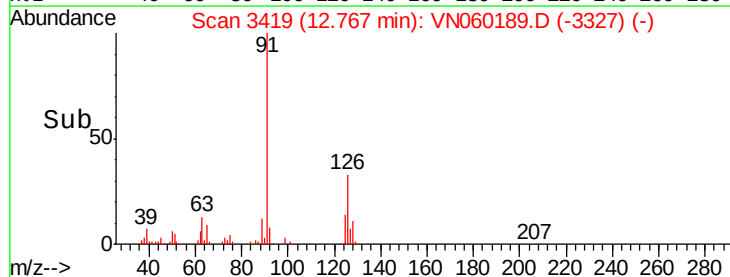
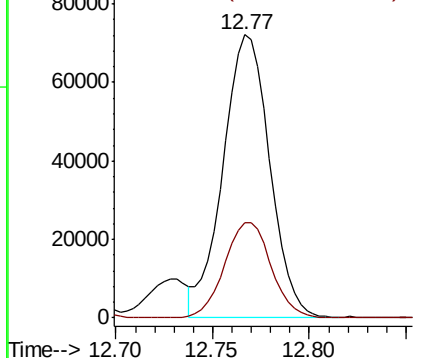


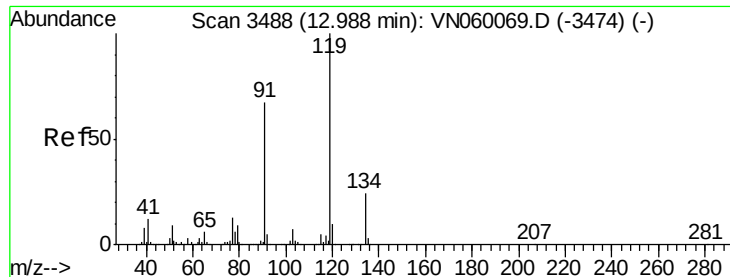
#82  
4-Chlorotoluene  
Concen: 18.774 ug/l  
RT: 12.77 min Scan# 3419  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion: 91 Resp: 120310  
Ion Ratio Lower Upper  
91 100  
126 33.8 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN0  
Ion 125.90 (125.60 to 126.60): V

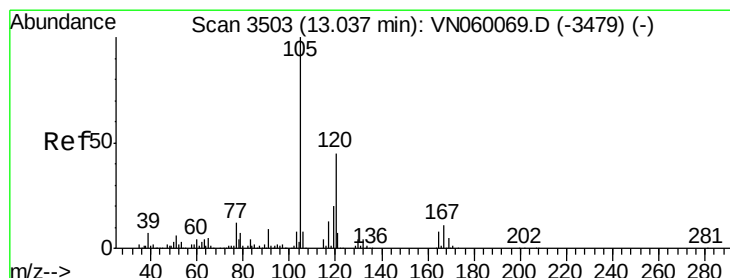
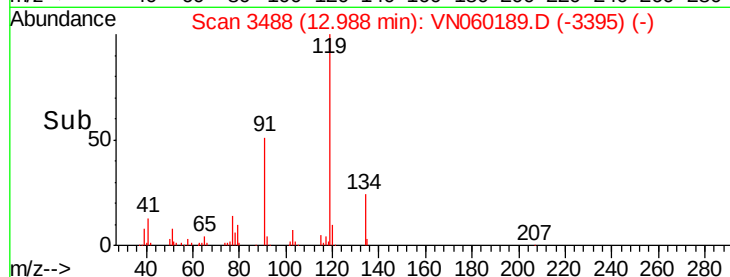
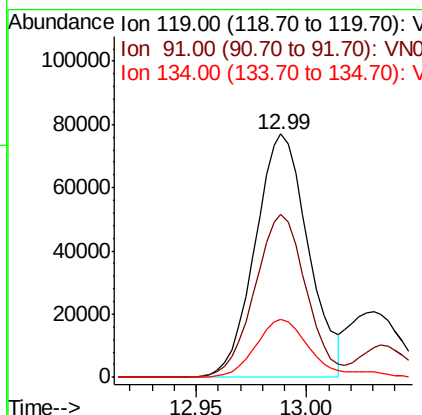
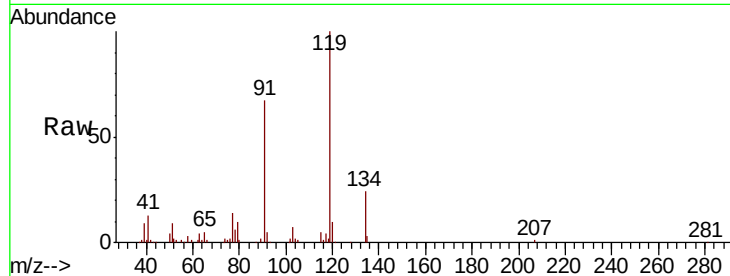




#83  
 tert-Butylbenzene  
 Concen: 18.707 ug/l  
 RT: 12.99 min Scan# 3488  
 Delta R.T. 0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

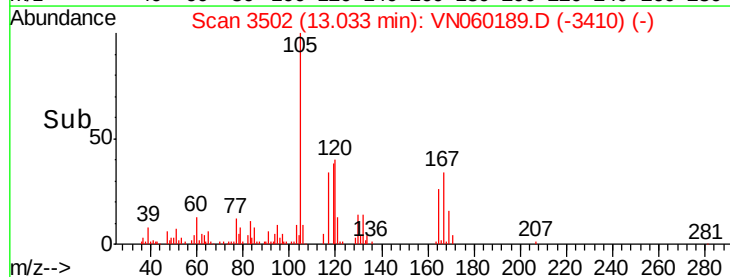
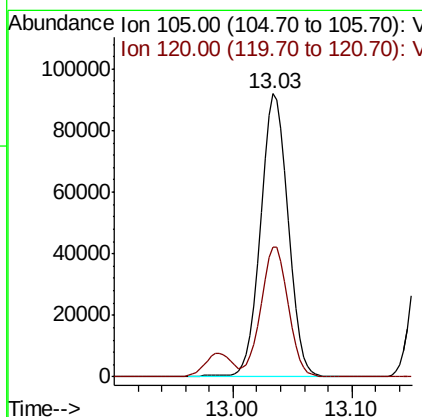
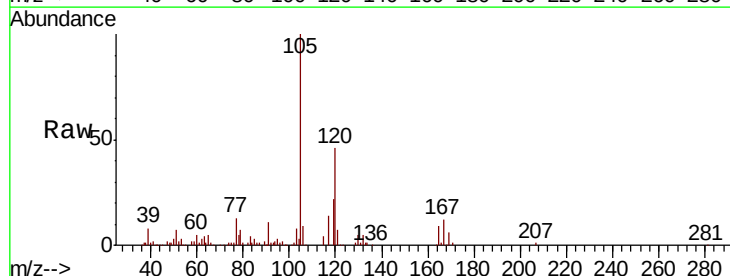
Instrument :  
 MSVOA\_N  
 ClientSampled :

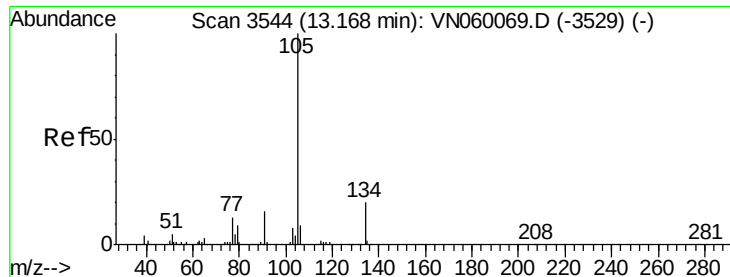
Tot Ion:119 Resp: 128341  
 Ion Ratio Lower Upper  
 119 100  
 91 64.8 32.7 98.1  
 134 25.1 12.9 38.7



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.275 ug/l  
 RT: 13.03 min Scan# 3502  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Tgt Ion:105 Resp: 147558  
 Ion Ratio Lower Upper  
 105 100  
 120 45.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 18.552 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

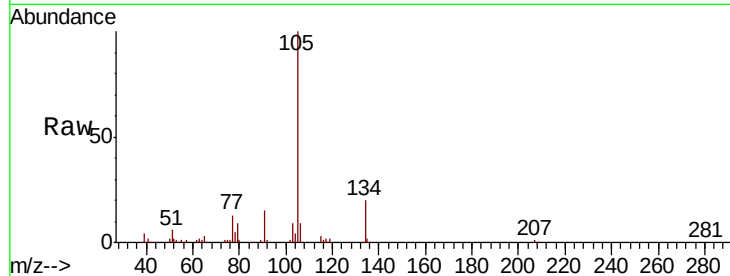
ClientSampled :

Tot Ion:105 Resp: 168562

Ion Ratio Lower Upper

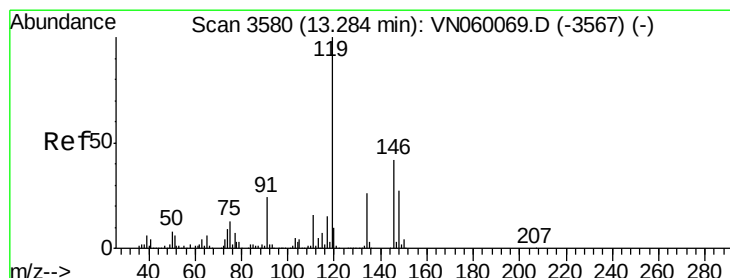
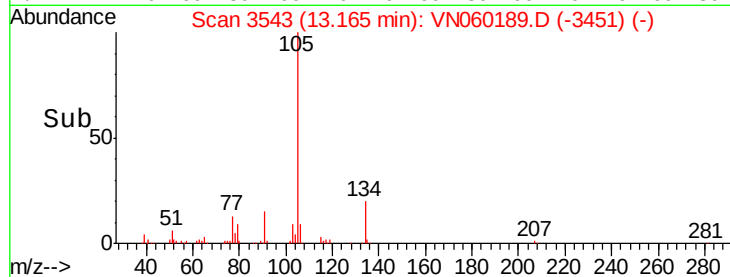
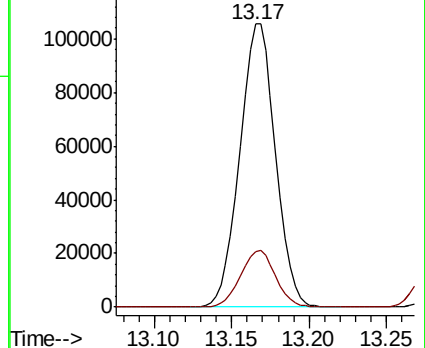
105 100

134 19.8 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.595 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

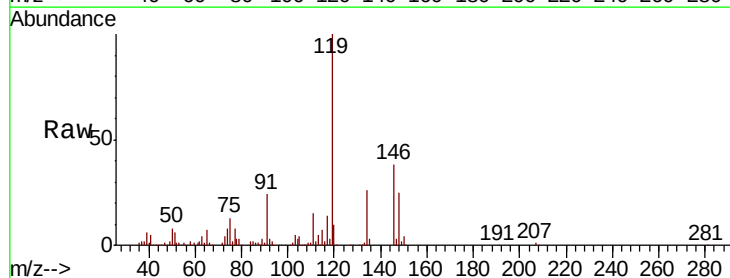
Tgt Ion:119 Resp: 153075

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

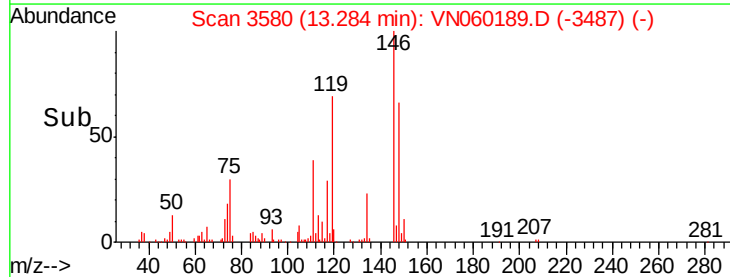
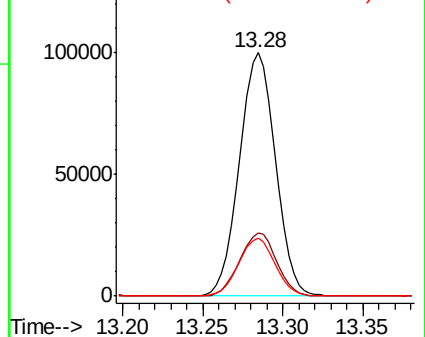
91 24.0 11.9 35.9

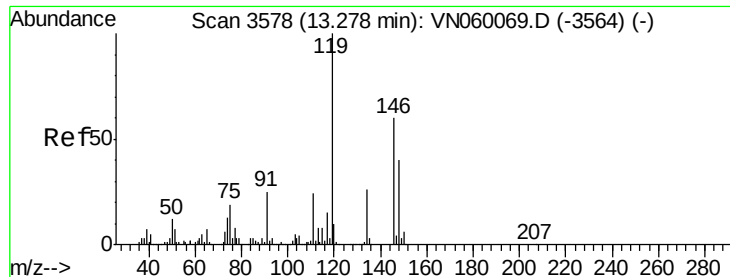


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.782 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060189.D

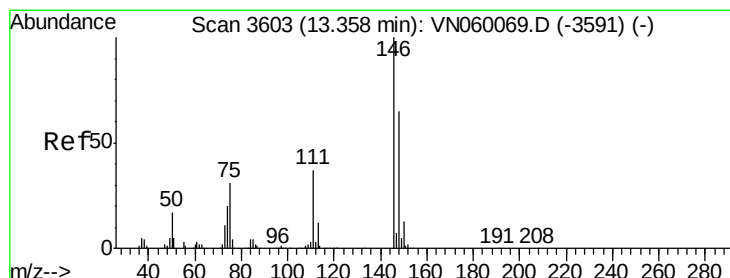
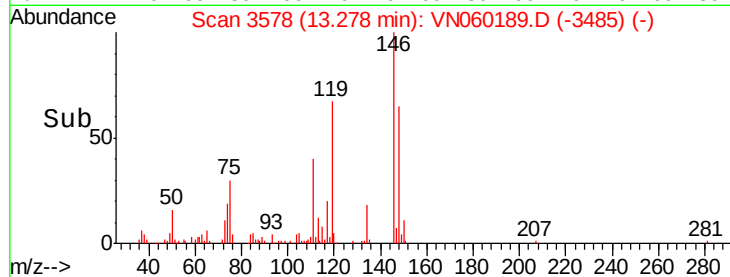
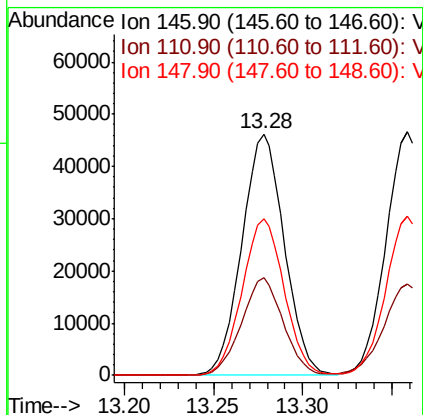
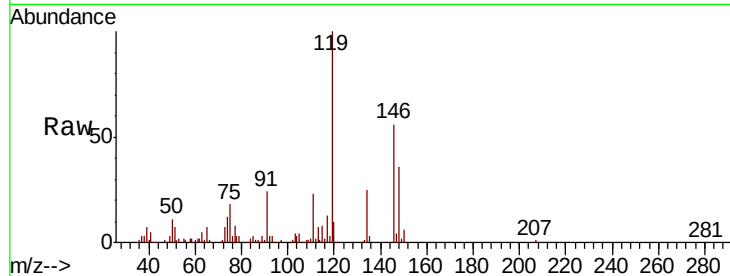
Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 146   | Resp: | 76957 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 39.6  | 19.8  | 59.3  |
| 148      | 64.4  | 32.0  | 96.2  |



#88

1,4-Dichlorobenzene

Concen: 18.688 ug/l

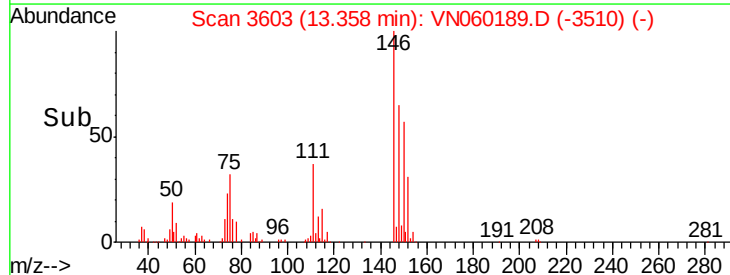
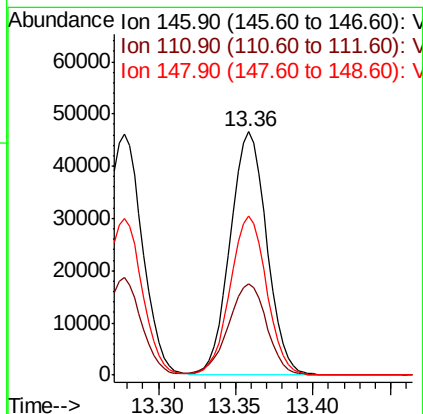
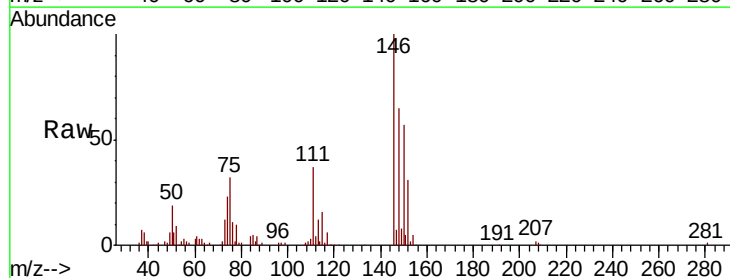
RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

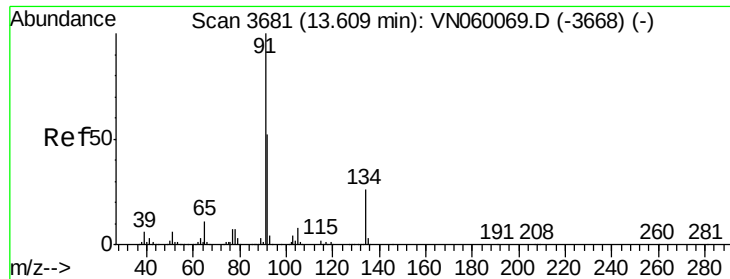
Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 76559 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 39.7  | 18.9  | 56.5  |
| 148      | 65.2  | 32.0  | 96.0  |







#89

n-Butylbenzene

Concen: 18.730 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

ClientSampled :

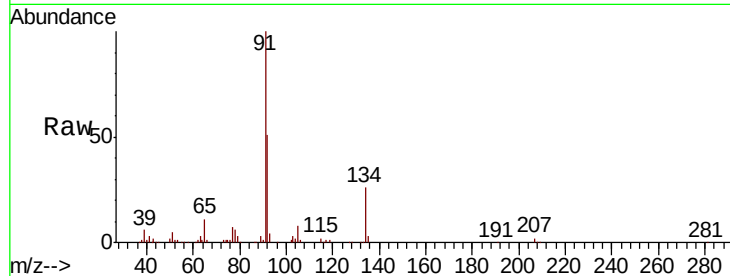
Tot Ion: 91 Resp: 135618

Ion Ratio Lower Upper

91 100

92 51.4 26.1 78.2

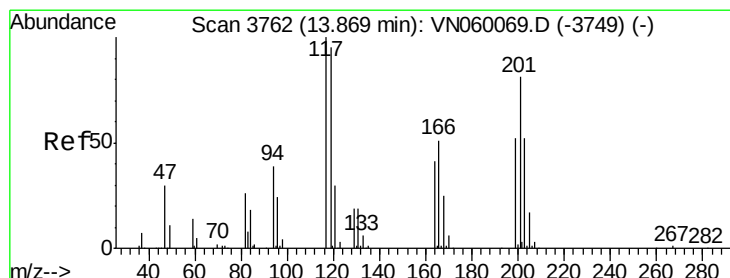
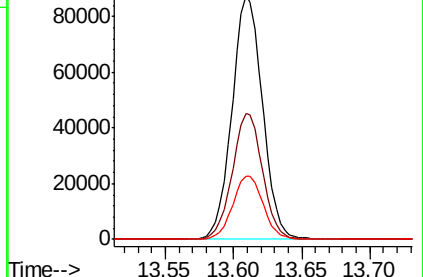
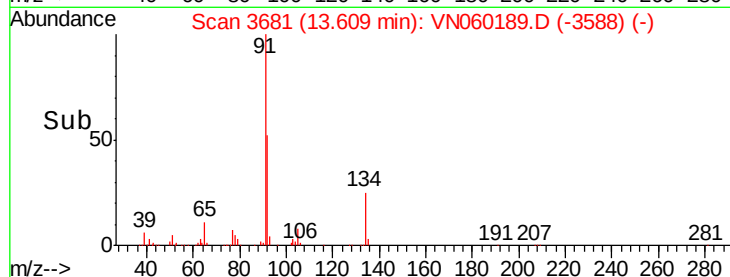
134 26.0 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VN060189.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN060189.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN060189.D (-3668) (-)



#90

Hexachloroethane

Concen: 17.856 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN060189.D

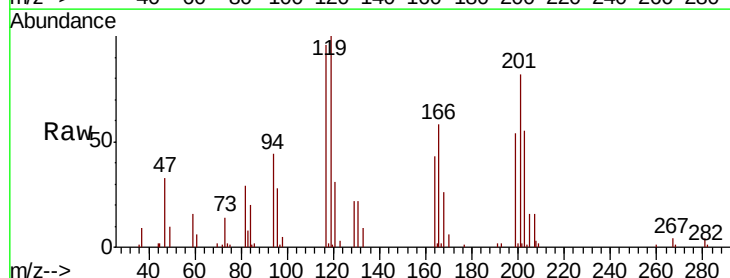
Acq: 21 Feb 2020 15:03

Tgt Ion: 117 Resp: 27460

Ion Ratio Lower Upper

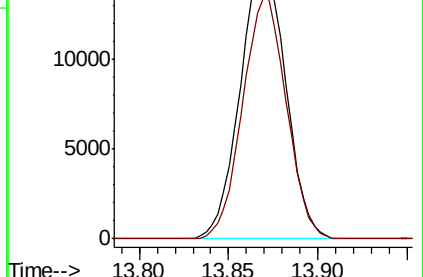
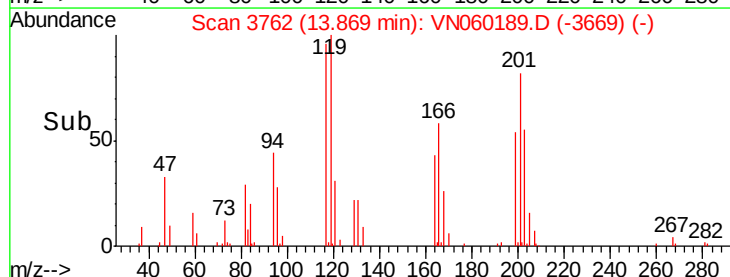
117 100

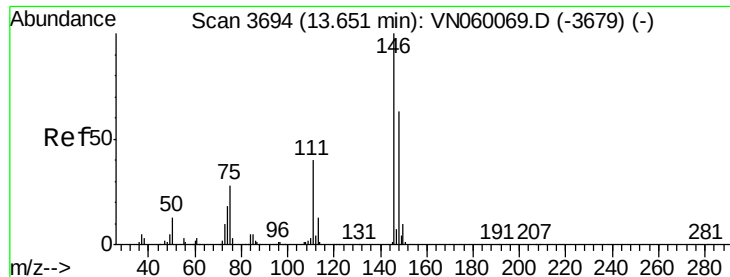
201 84.0 41.7 125.1



Abundance Ion 116.80 (116.50 to 117.50): VN060189.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060189.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 18.913 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

Instrument :

MSVOA\_N

ClientSampled :

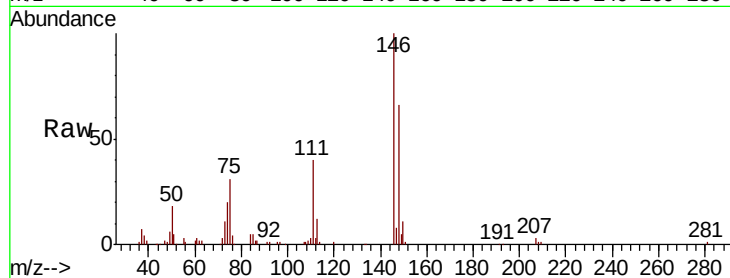
Tot Ion:146 Resp: 75842

Ion Ratio Lower Upper

146 100

111 39.9 20.1 60.2

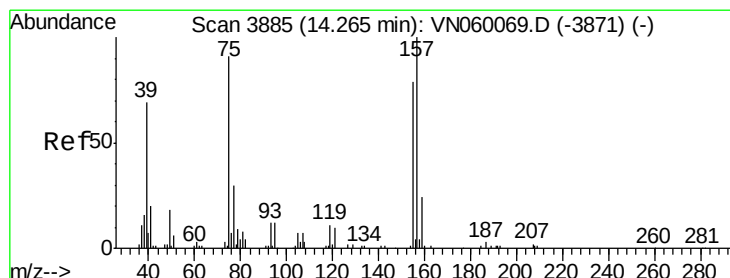
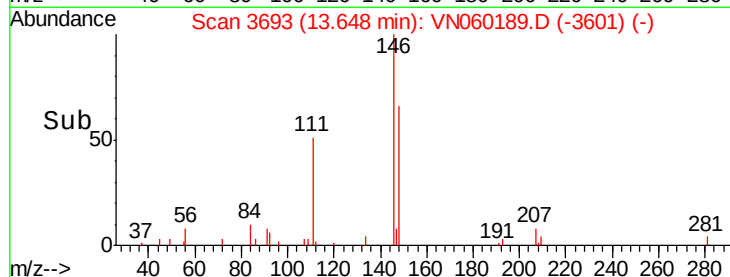
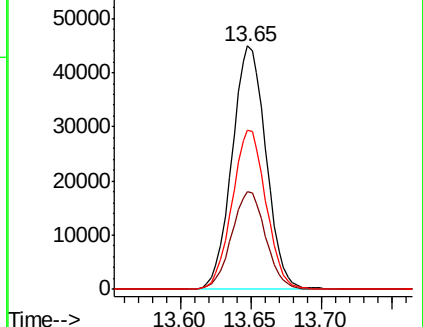
148 65.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.994 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060189.D

Acq: 21 Feb 2020 15:03

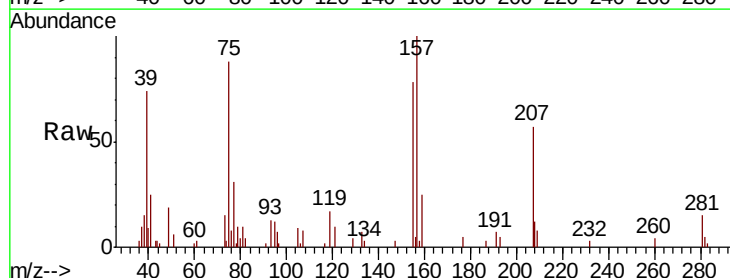
Tgt Ion: 75 Resp: 10554

Ion Ratio Lower Upper

75 100

155 82.0 43.0 129.0

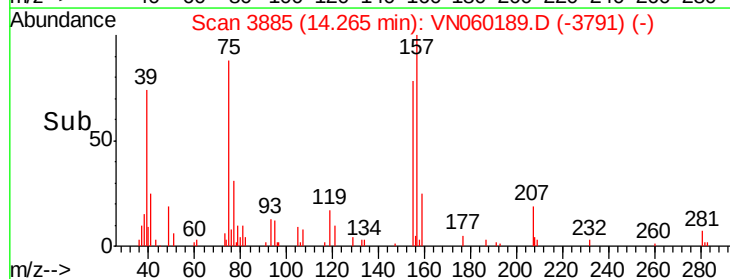
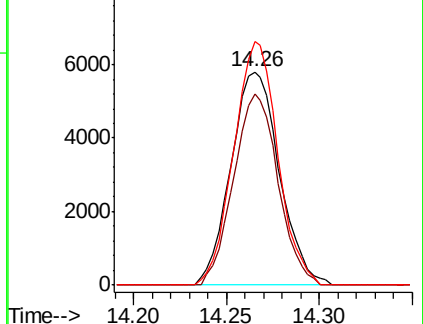
157 103.7 54.9 164.5

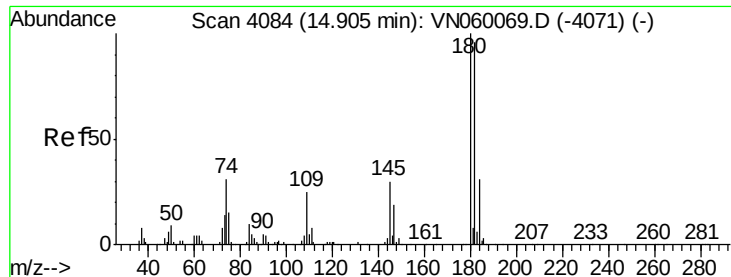


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

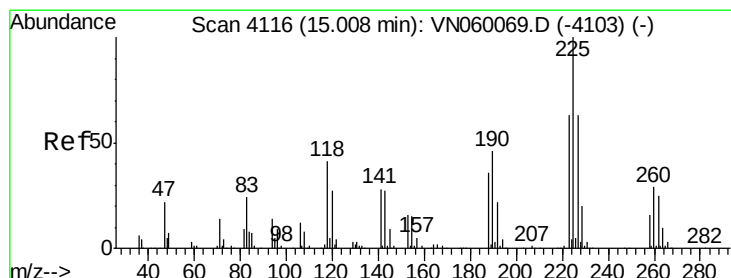
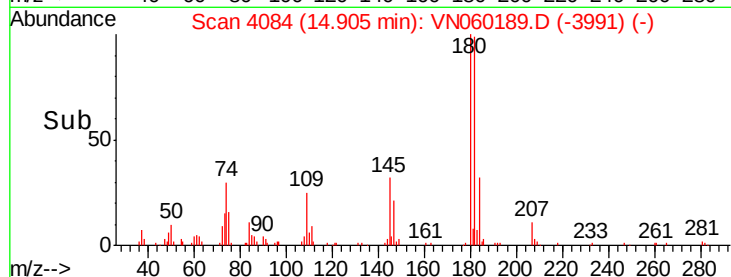
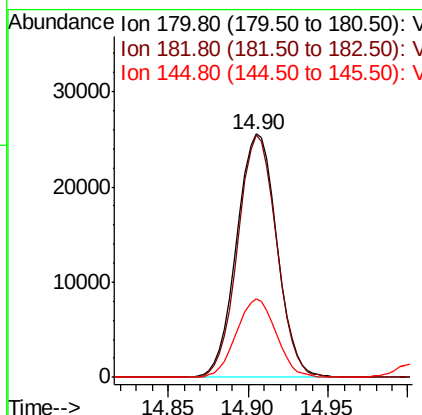
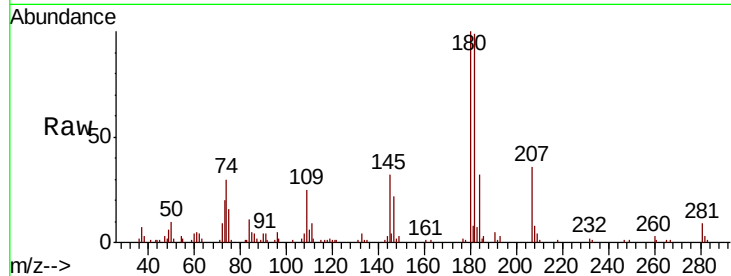




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.615 ug/l  
 RT: 14.90 min Scan# 4084  
 Delta R.T. 0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

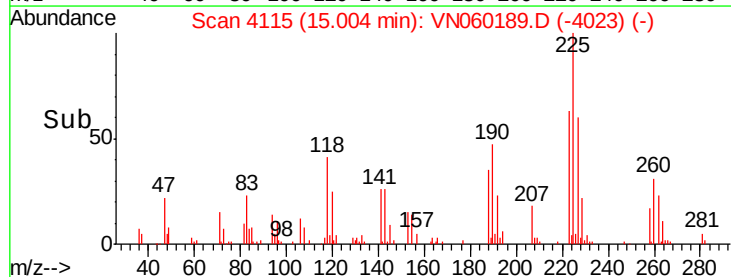
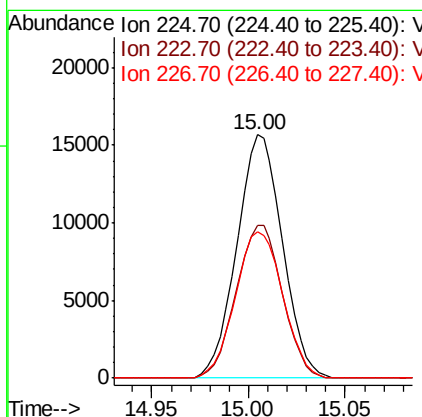
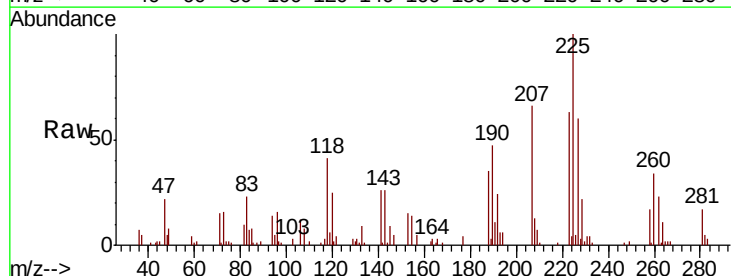
Instrument :  
 MSVOA\_N  
 ClientSampleId :

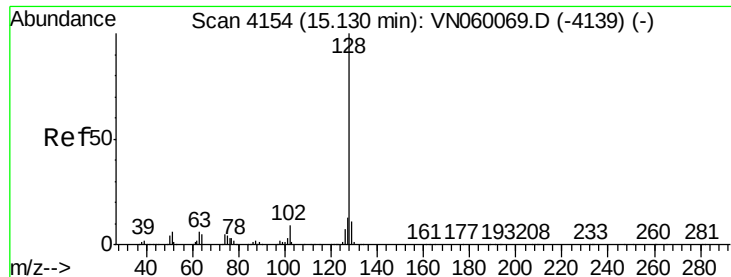
Tot Ion:180 Resp: 43860  
 Ion Ratio Lower Upper  
 180 100  
 182 95.7 47.9 143.8  
 145 31.5 15.2 45.5



#94  
 Hexachlorobutadiene  
 Concen: 18.622 ug/l  
 RT: 15.00 min Scan# 4115  
 Delta R.T. -0.00 min  
 Lab File: VN060189.D  
 Acq: 21 Feb 2020 15:03

Tgt Ion:225 Resp: 25686  
 Ion Ratio Lower Upper  
 225 100  
 223 63.5 31.5 94.5  
 227 62.5 31.8 95.4

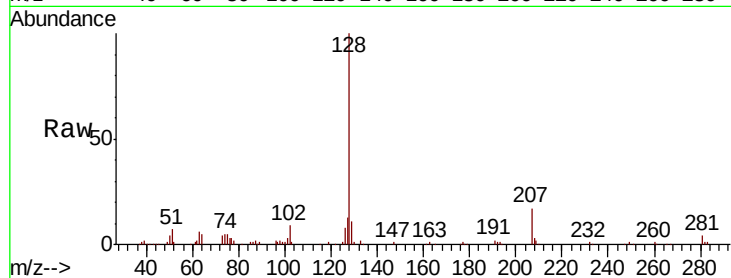




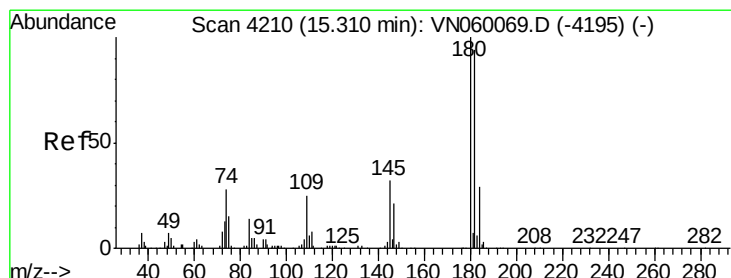
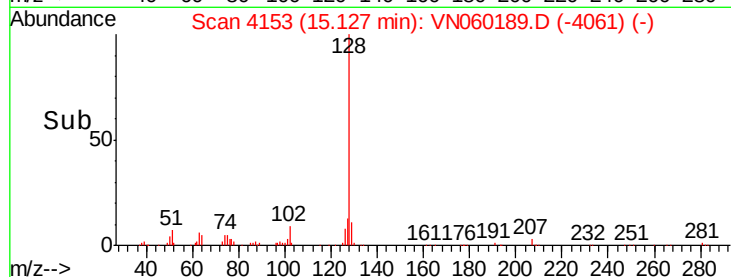
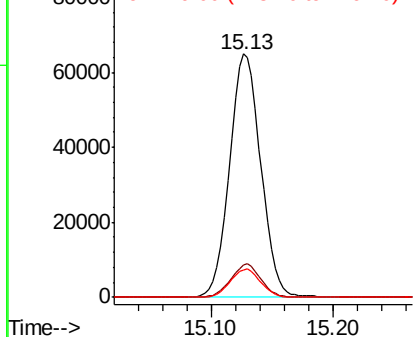
#95  
Naphthalene  
Concen: 18.173 ug/l  
RT: 15.13 min Scan# 4153  
Delta R.T. -0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:128 Resp: 115662  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.3 15.5  
129 11.2 8.6 13.0

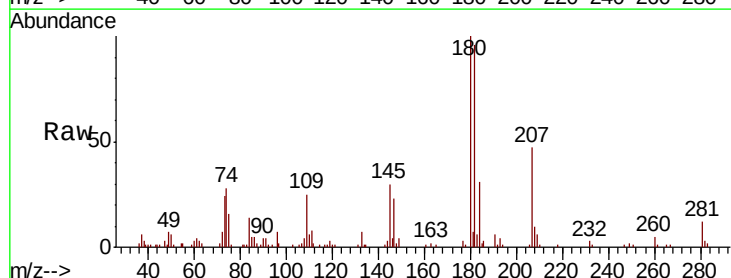


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 18.766 ug/l  
RT: 15.31 min Scan# 4210  
Delta R.T. 0.00 min  
Lab File: VN060189.D  
Acq: 21 Feb 2020 15:03

Tgt Ion:180 Resp: 44031  
Ion Ratio Lower Upper  
180 100  
182 93.3 47.5 142.5  
145 31.4 16.1 48.3



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

