

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\  
 Data File : VN055995.D  
 Acq On : 5 Jun 2019 8:59  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 06 01:18:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 11:02:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 356829   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 516877   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 466389   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 216602   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.02   | 65  | 169534   | 47.85 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.70%  |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 155772   | 49.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.24%  |      |
| 50) Toluene-d8            | 10.09  | 98  | 611595   | 50.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.24% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 214855   | 51.77 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.54% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 194202  | 49.543  | ug/l | 100    |
| 3) Chloromethane              | 2.06 | 50  | 196578  | 50.821  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.18 | 62  | 198589  | 51.183  | ug/l | 99     |
| 5) Bromomethane               | 2.53 | 94  | 127911  | 52.188  | ug/l | 98     |
| 6) Chloroethane               | 2.68 | 64  | 115705  | 51.433  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 249214  | 50.313  | ug/l | 99     |
| 8) Diethyl Ether              | 3.40 | 74  | 101175  | 49.670  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 155959  | 51.833  | ug/l | 99     |
| 10) Methyl Iodide             | 3.94 | 142 | 240483  | 50.294  | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.81 | 59  | 131137  | 212.691 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 151481  | 50.569  | ug/l | 97     |
| 13) Acrolein                  | 3.60 | 56  | 38788   | 218.130 | ug/l | 98     |
| 14) Allyl chloride            | 4.31 | 41  | 238774  | 50.480  | ug/l | 99     |
| 15) Acrylonitrile             | 4.99 | 53  | 376832  | 251.073 | ug/l | 100    |
| 16) Acetone                   | 3.82 | 43  | 442196  | 260.958 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.04 | 76  | 375113  | 52.300  | ug/l | 100    |
| 18) Methyl Acetate            | 4.32 | 43  | 160064  | 48.066  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 5.04 | 73  | 477553  | 50.014  | ug/l | 99     |
| 20) Methylene Chloride        | 4.54 | 84  | 172291  | 49.351  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 5.03 | 96  | 162612  | 50.665  | ug/l | 96     |
| 22) Diisopropyl ether         | 5.95 | 45  | 482947  | 49.392  | ug/l | 98     |
| 23) Vinyl Acetate             | 5.89 | 43  | 1992515 | 258.767 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.84 | 63  | 280516  | 49.735  | ug/l | 99     |
| 25) 2-Butanone                | 6.84 | 43  | 548809  | 256.338 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 226063  | 51.365  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.82 | 96  | 189881  | 50.329  | ug/l | 97     |
| 28) Bromochloromethane        | 7.19 | 49  | 128639  | 48.229  | ug/l | 97     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 320383  | 242.088 | ug/l | 98     |
| 30) Chloroform                | 7.37 | 83  | 282412  | 49.774  | ug/l | 99     |
| 31) Cyclohexane               | 7.65 | 56  | 269212  | 47.885  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 242600  | 51.203  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 216083  | 48.619  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.93 | 43  | 198264  | 50.137  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 204225  | 49.841  | ug/l | 99     |

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 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 11:02:09 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 279499   | 50.483  | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 671375   | 49.736  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.17  | 41   | 88359    | 48.564  | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 206484   | 47.554  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 319838   | 49.912  | ug/l # | 92       |
| 44) Trichloroethene            | 8.83  | 130  | 193561   | 49.902  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 171447   | 49.586  | ug/l   | 98       |
| 46) Dibromomethane             | 9.20  | 93   | 112944   | 49.953  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 212497   | 51.855  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 154224   | 49.194  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 65278    | 964.492 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 984924   | 245.783 | ug/l   | 98       |
| 52) Toluene                    | 10.15 | 92   | 427178   | 50.856  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 233640   | 48.696  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 266014   | 54.005  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 167790   | 50.429  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 254991   | 52.531  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 272739   | 50.424  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 443703   | 231.703 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 734232   | 252.800 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 177896   | 48.552  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 177573   | 52.205  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 196217   | 48.603  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 461412   | 49.710  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 167724   | 52.332  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 814818   | 50.484  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.62 | 106  | 629686   | 102.128 | ug/l   | 98       |
| 69) o-Xylene                   | 11.94 | 106  | 306077   | 50.467  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 515777   | 53.524  | ug/l   | 99       |
| 71) Bromoform                  | 12.12 | 173  | 128771   | 47.974  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 809255   | 52.538  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 276979   | 47.971  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 231672   | 46.074  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 277786   | 69.698  | ug/l # | 100      |
| 77) Bromobenzene               | 12.52 | 156  | 219320   | 47.294  | ug/l   | 95       |
| 78) n-propylbenzene            | 12.59 | 91   | 882096   | 48.138  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 529936   | 52.243  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 680611   | 46.734  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 63847    | 53.348  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 527873   | 49.239  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 591560   | 52.488  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 676777   | 49.004  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 771665   | 47.552  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 712873   | 49.084  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 360389   | 50.212  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 347571   | 50.341  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.61 | 91   | 563672   | 52.392  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 110489   | 50.446  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 353749   | 48.818  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 37549    | 52.210  | ug/l   | 94       |

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ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SW846 8260  
QLast Update : Tue Jun 04 11:02:09 2019  
Response via : Initial Calibration

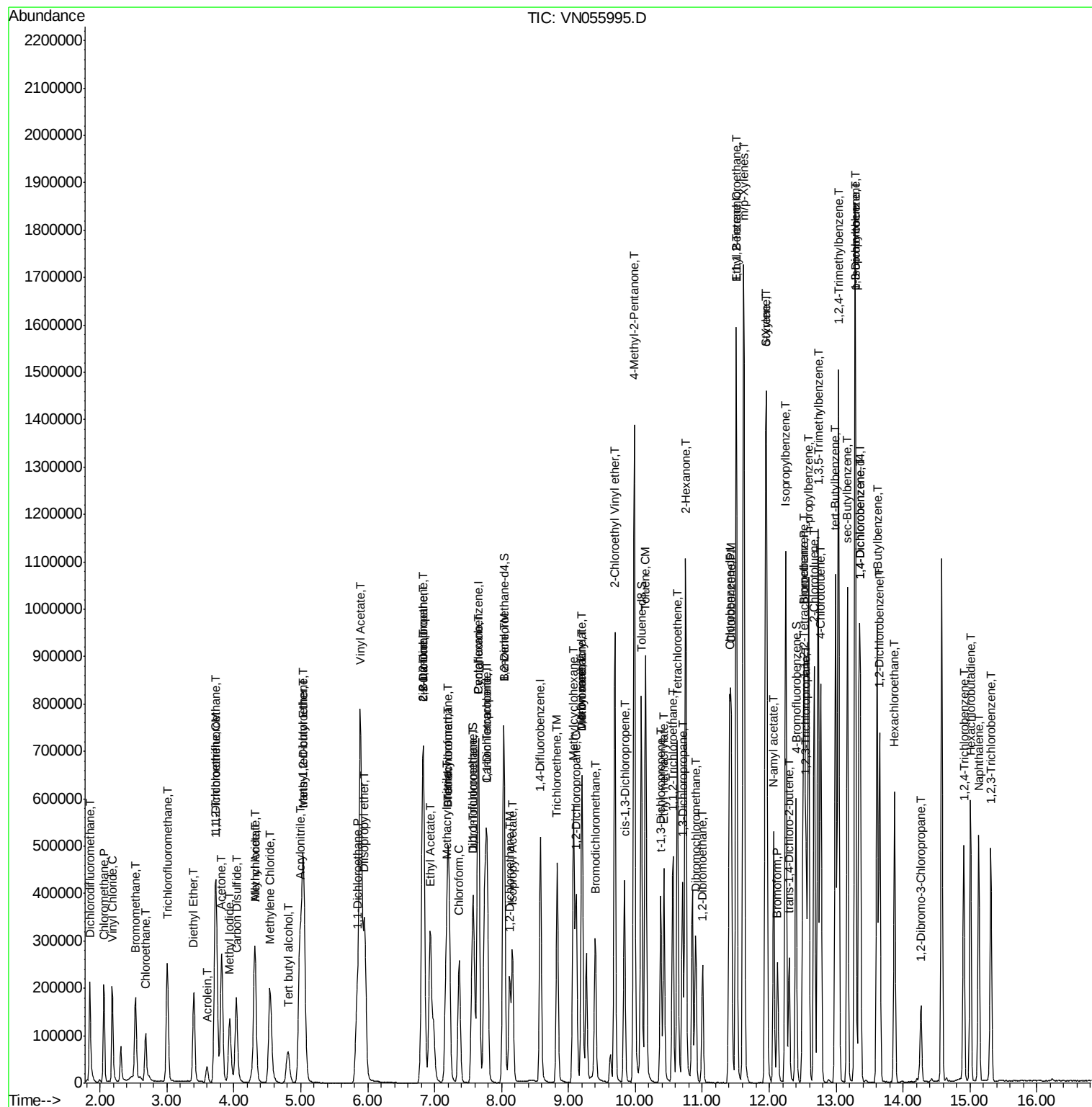
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 185356   | 46.724 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 131834   | 53.177 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 469068   | 45.640 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 190055   | 46.902 | ug/l  | 99       |

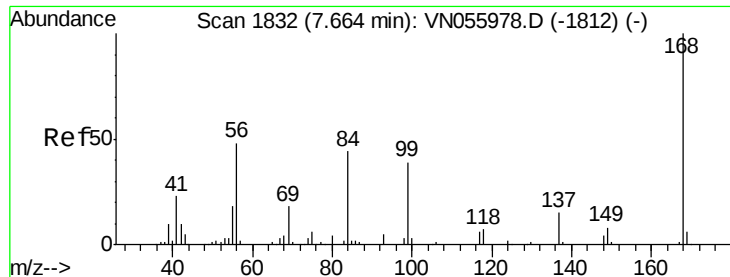
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

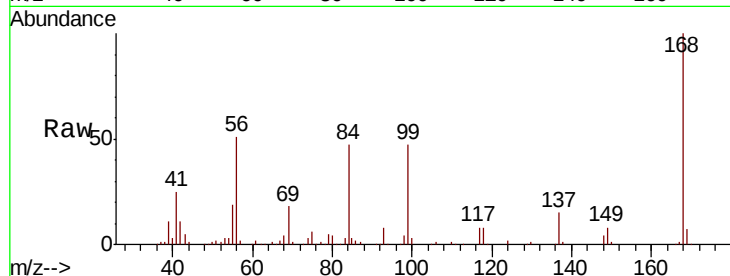
ClientSampleId :

Tot Ion:168 Resp: 356829

Ion Ratio Lower Upper

168 100

99 46.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

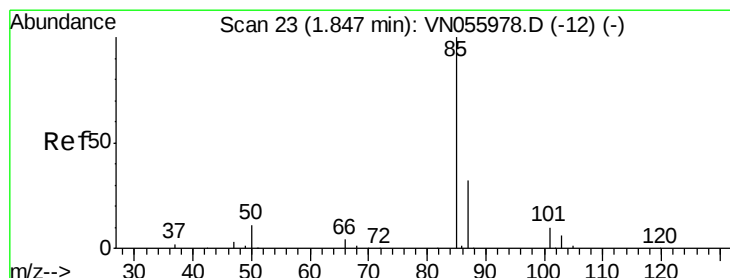
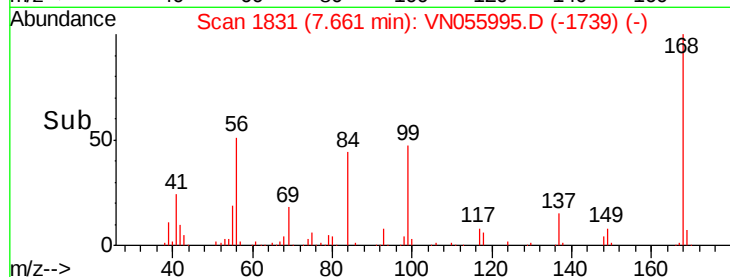
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 49.543 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055995.D

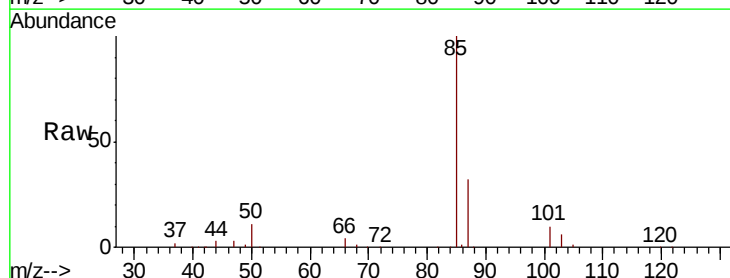
Acq: 5 Jun 2019 8:59

Tgt Ion: 85 Resp: 194202

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055978.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055978.D (-12) (-)

1.85

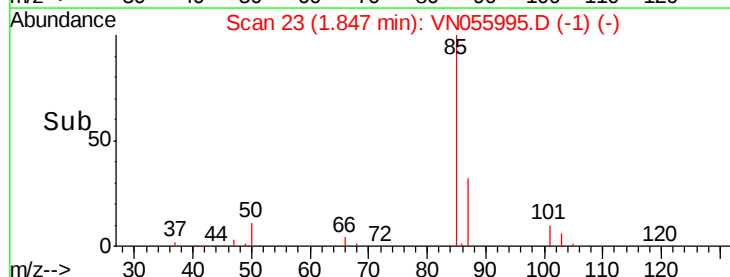
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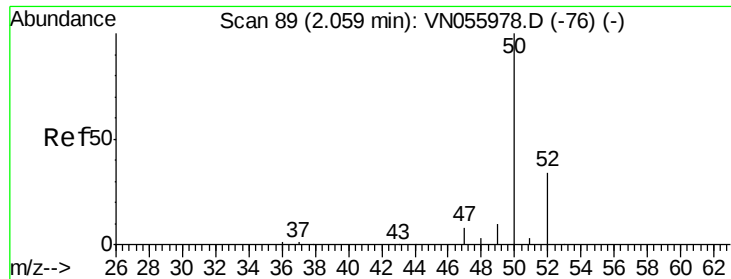
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0

1.80 1.90 2.00

Time-->

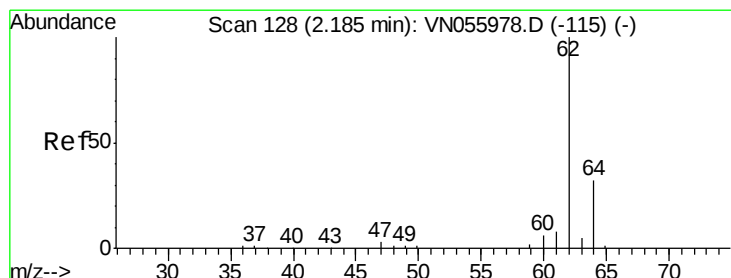
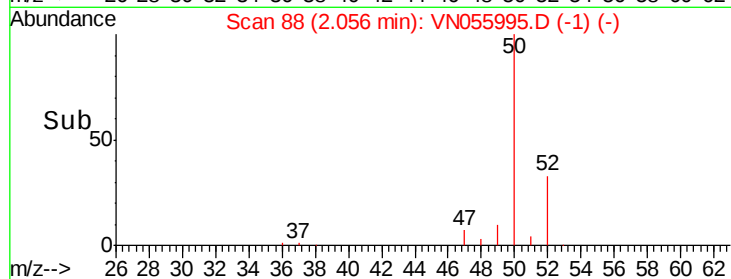
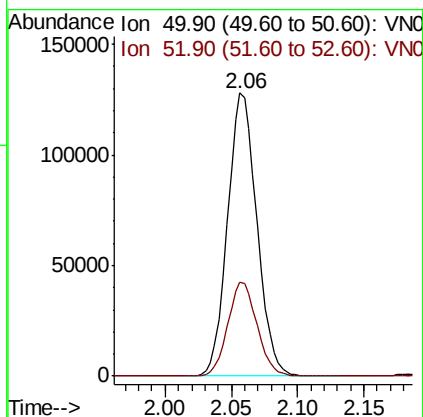
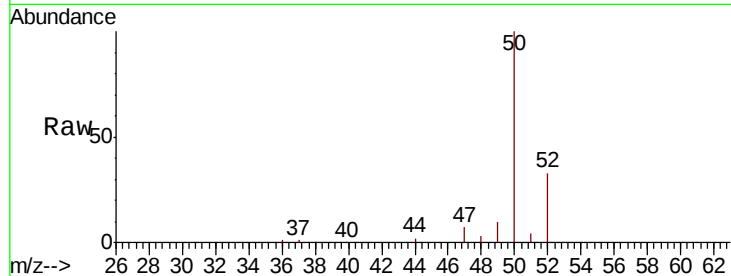




#3  
Chloromethane  
Concen: 50.821 ug/l  
RT: 2.06 min Scan# 88  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

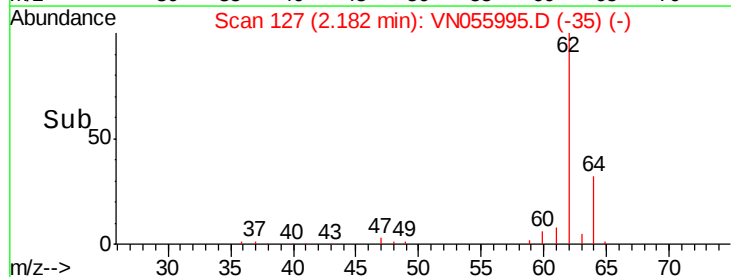
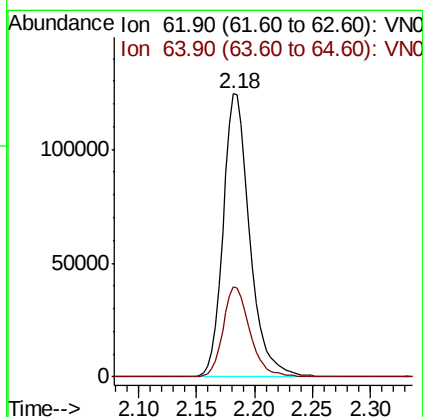
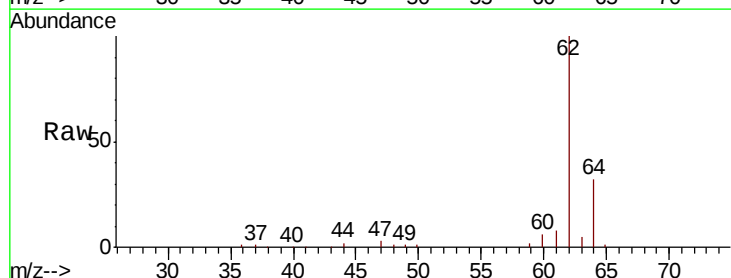
Instrument :  
MSVOA\_N  
ClientSampled :

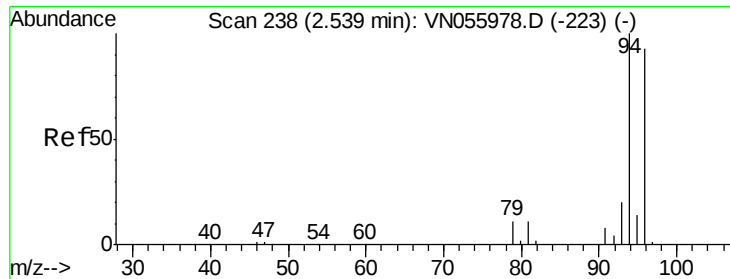
Tot Ion: 50 Resp: 196578  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.6 40.0



#4  
Vinyl Chloride  
Concen: 51.183 ug/l  
RT: 2.18 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion: 62 Resp: 198589  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.6 38.4

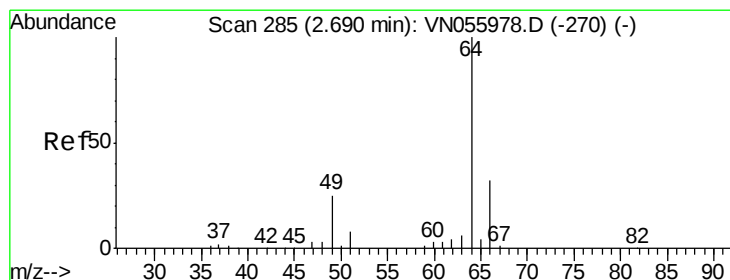
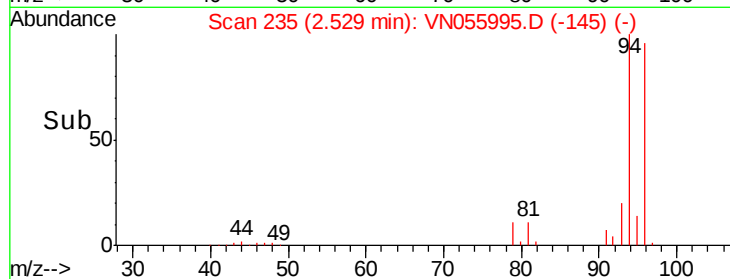
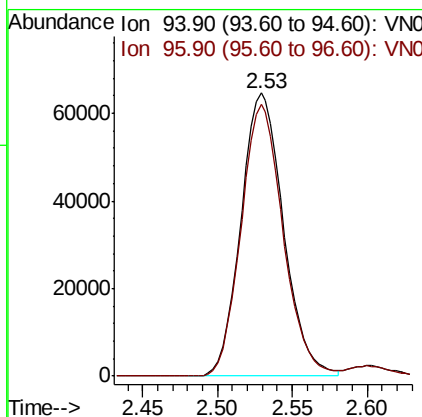
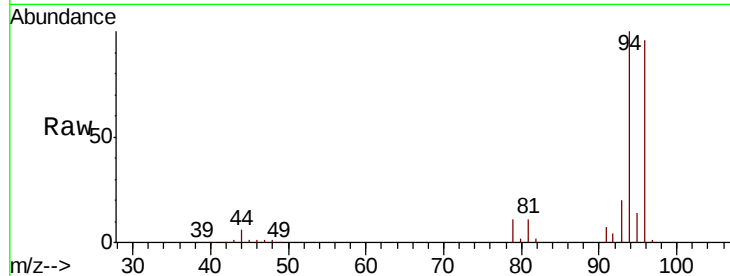




#5  
Bromomethane  
Concen: 52.188 ug/l  
RT: 2.53 min Scan# 235  
Delta R.T. -0.01 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

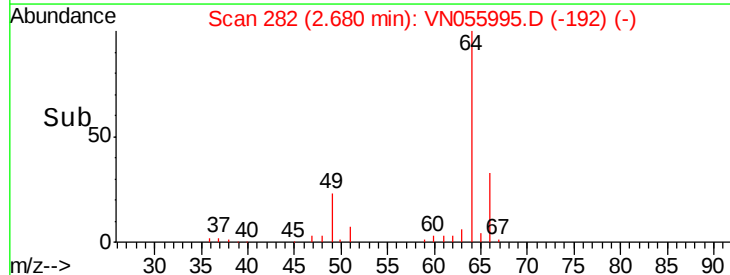
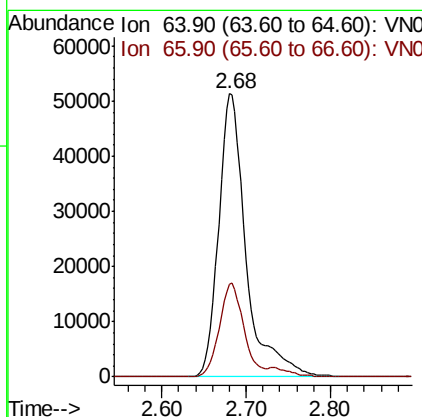
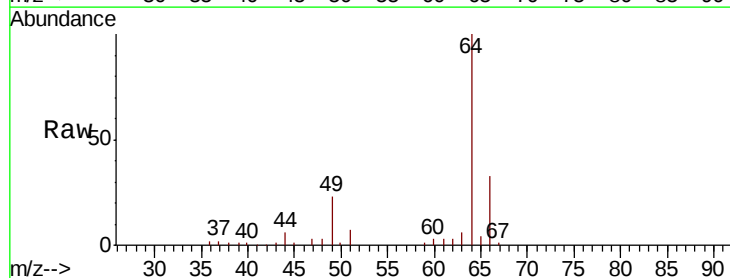
Instrument :  
MSVOA\_N  
ClientSampleId :

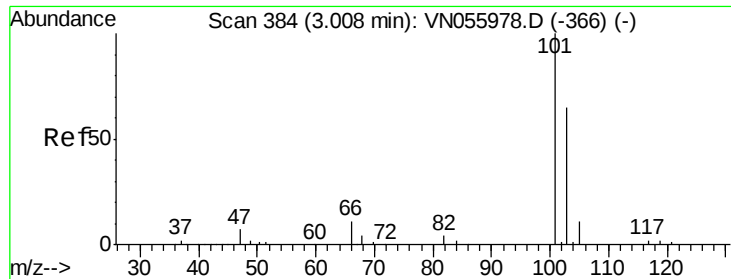
Tot Ion: 94 Resp: 127911  
Ion Ratio Lower Upper  
94 100  
96 96.3 75.5 113.3



#6  
Chloroethane  
Concen: 51.433 ug/l  
RT: 2.68 min Scan# 282  
Delta R.T. -0.01 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion: 64 Resp: 115705  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.4 38.0



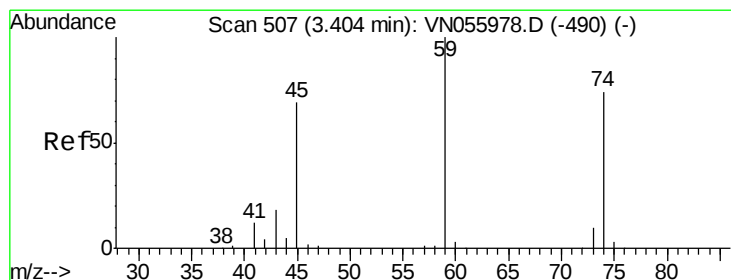
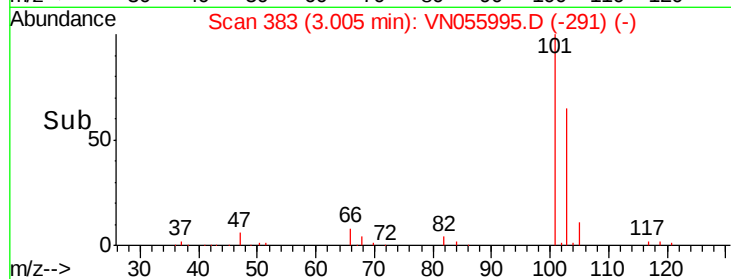
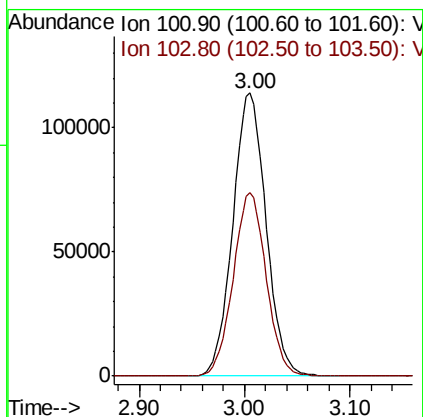
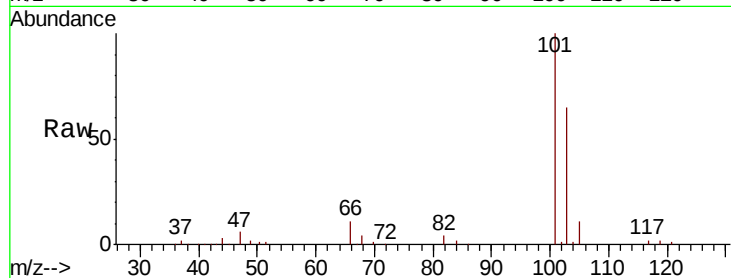


#7

Trichlorofluoromethane  
 Concen: 50.313 ug/l  
 RT: 3.00 min Scan# 383  
 Delta R.T. -0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Instrument :  
 MSVOA\_N  
 ClientSampled :

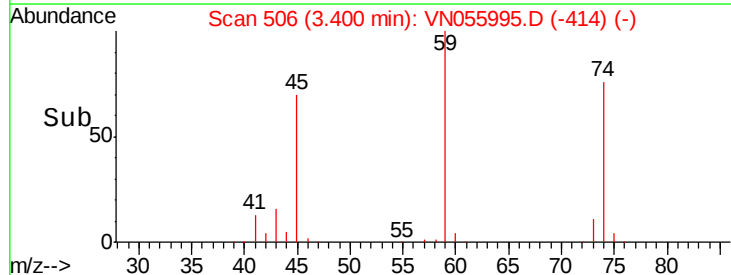
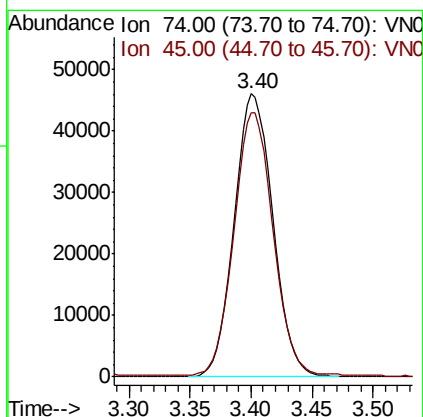
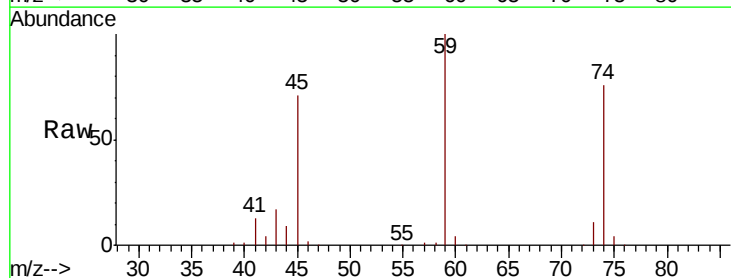
Tot Ion:101 Resp: 249214  
 Ion Ratio Lower Upper  
 101 100  
 103 65.0 51.2 76.8

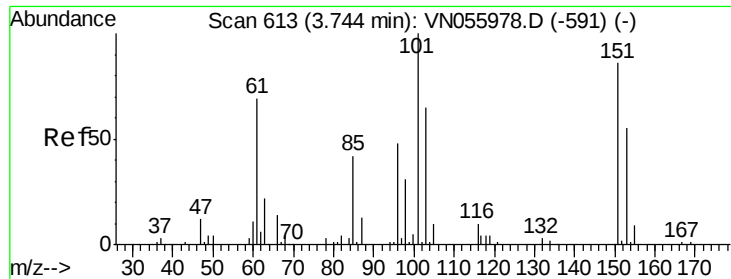


#8

Diethyl Ether  
 Concen: 49.670 ug/l  
 RT: 3.40 min Scan# 506  
 Delta R.T. -0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Tgt Ion: 74 Resp: 101175  
 Ion Ratio Lower Upper  
 74 100  
 45 93.1 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.833 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

ClientSampled :

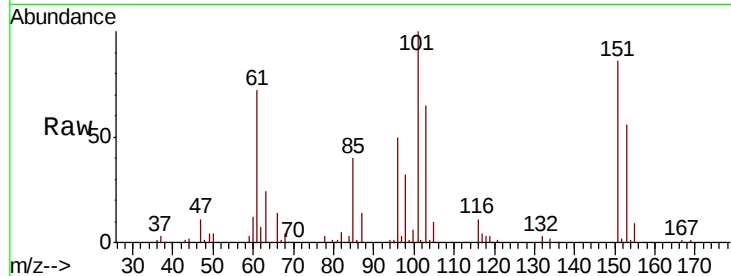
Tot Ion:101 Resp: 155959

Ion Ratio Lower Upper

101 100

85 40.7 33.4 50.2

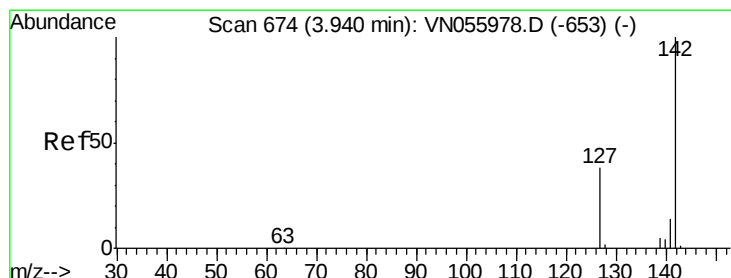
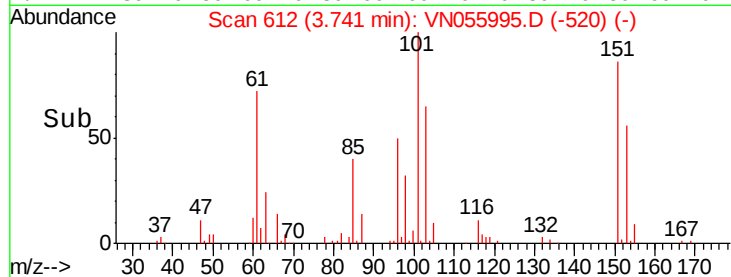
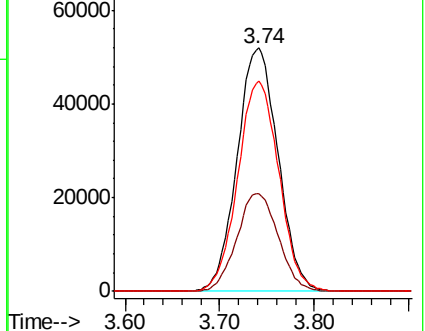
151 86.7 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.294 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

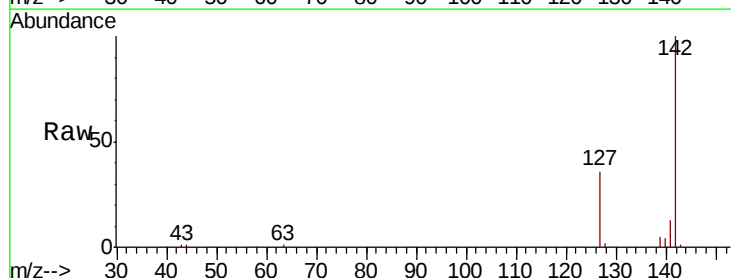
Tgt Ion:142 Resp: 240483

Ion Ratio Lower Upper

142 100

127 37.1 31.0 46.4

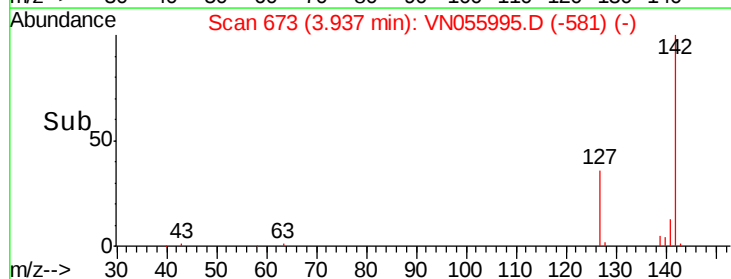
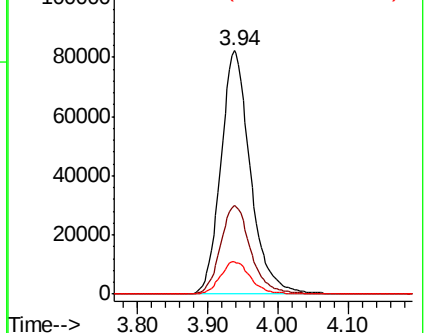
141 13.6 11.4 17.0

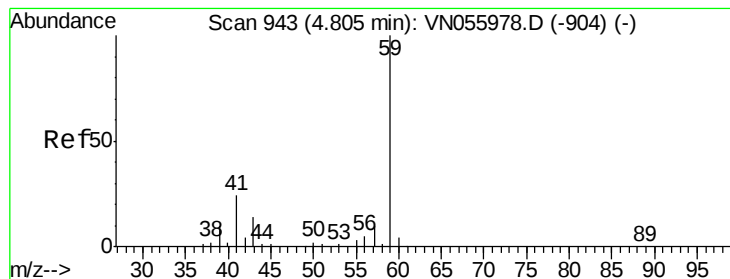


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



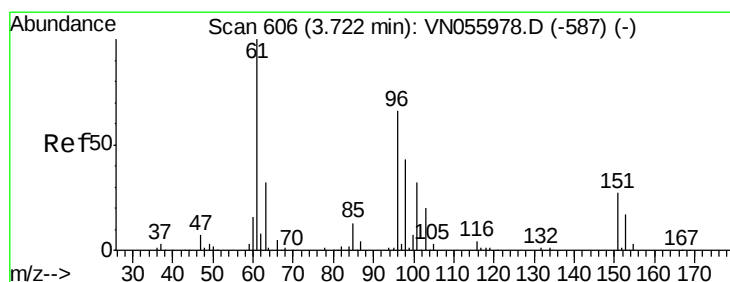
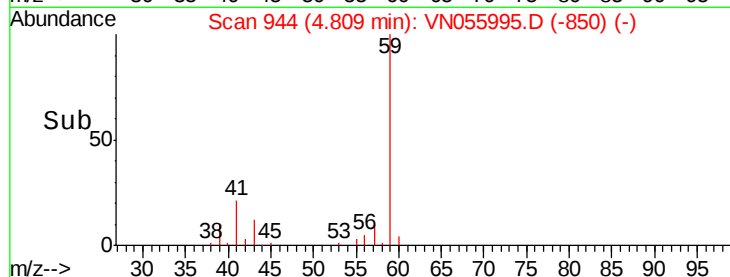
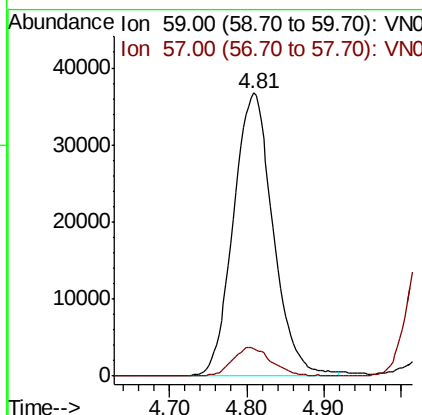
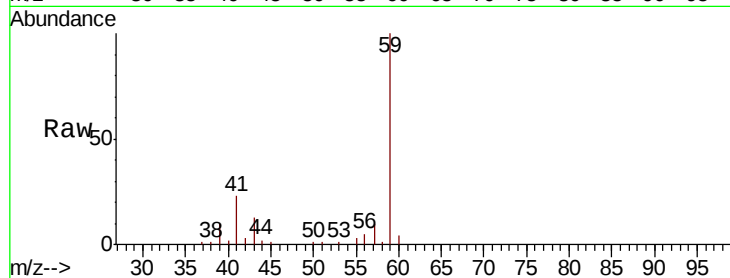


#11

Tert butyl alcohol  
 Concen: 212.691 ug/l  
 RT: 4.81 min Scan# 944  
 Delta R.T. 0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Instrument :  
 MSVOA\_N  
 ClientSampled :

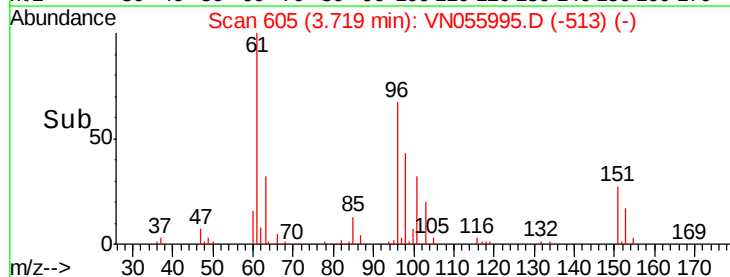
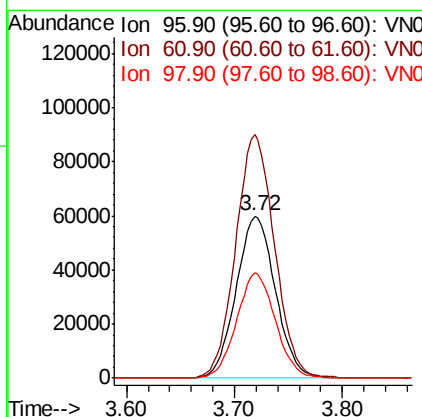
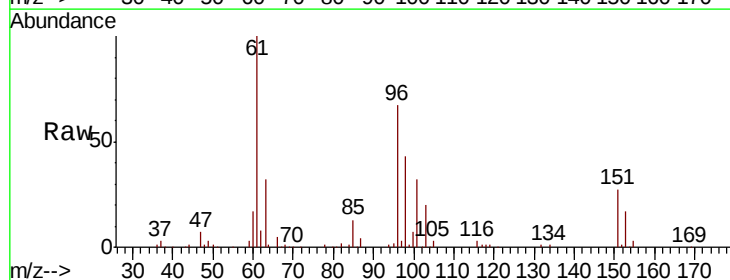
Tot Ion: 59 Resp: 131137  
 Ion Ratio Lower Upper  
 59 100  
 57 9.9 7.8 11.6

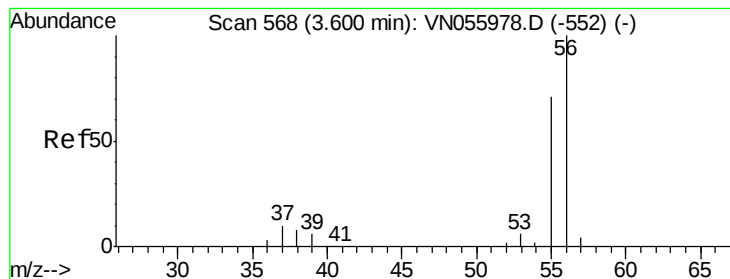


#12

1,1-Dichloroethene  
 Concen: 50.569 ug/l  
 RT: 3.72 min Scan# 605  
 Delta R.T. -0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Tgt Ion: 96 Resp: 151481  
 Ion Ratio Lower Upper  
 96 100  
 61 150.2 123.2 184.8  
 98 64.9 50.4 75.6





#13

Acrolein

Concen: 218.130 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

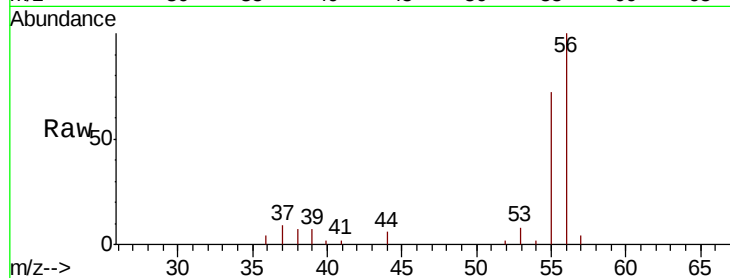
ClientSampleId :

Tot Ion: 56 Resp: 38788

Ion Ratio Lower Upper

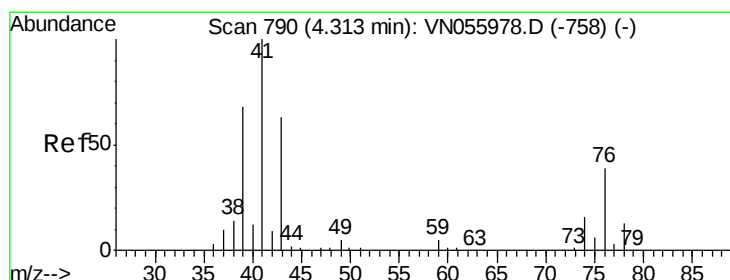
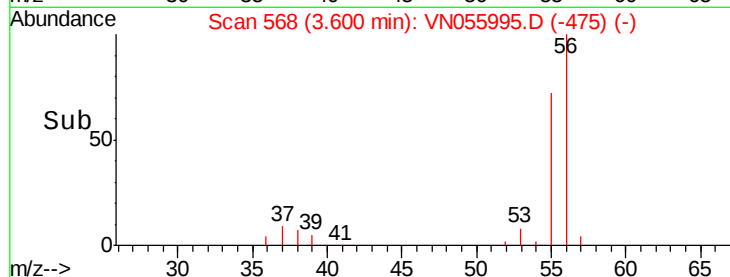
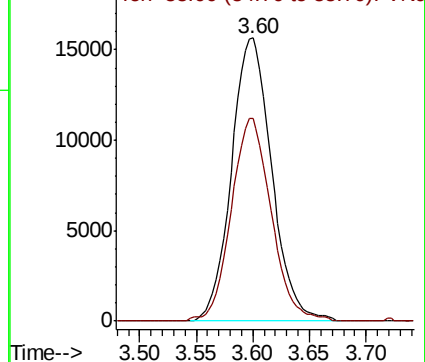
56 100

55 71.2 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 50.480 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

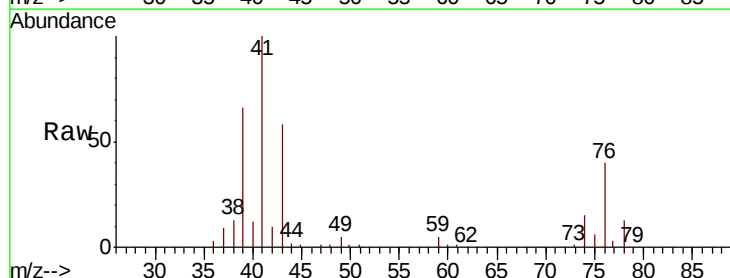
Tgt Ion: 41 Resp: 238774

Ion Ratio Lower Upper

41 100

39 61.3 50.0 75.0

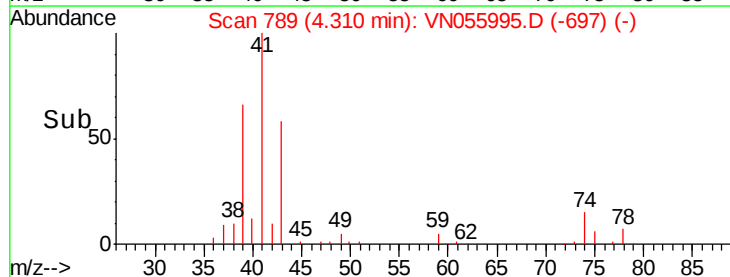
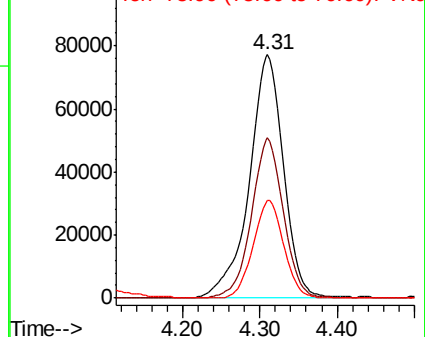
76 35.9 28.2 42.2

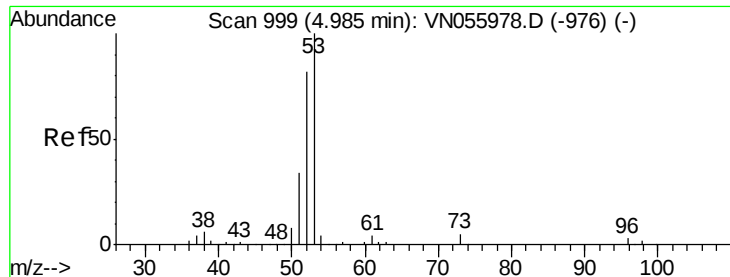


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 251.073 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

ClientSampled :

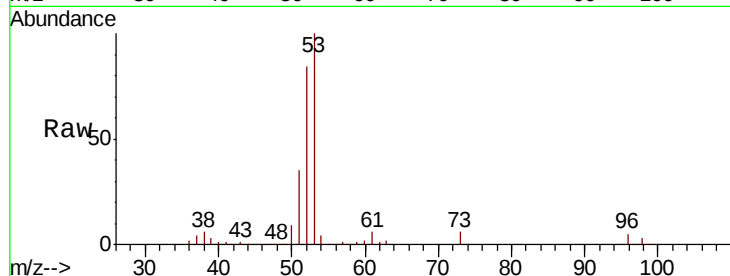
Tot Ion: 53 Resp: 376832

Ion Ratio Lower Upper

53 100

52 82.4 65.8 98.8

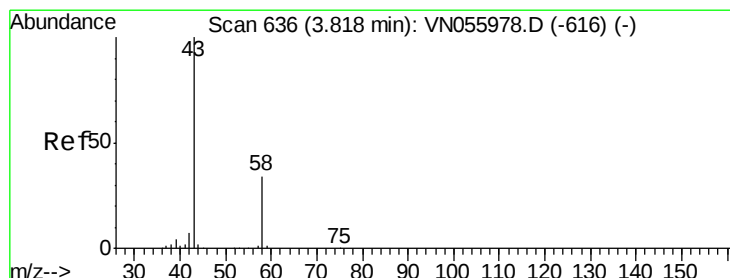
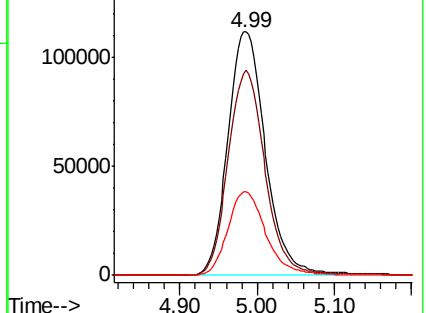
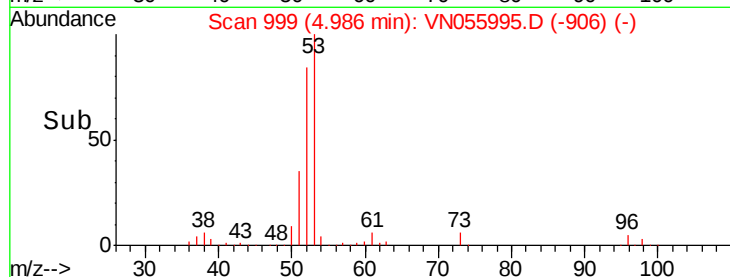
51 35.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055995.D (-906) (-)

Ion 52.00 (51.70 to 52.70): VN055995.D (-906) (-)

Ion 51.00 (50.70 to 51.70): VN055995.D (-906) (-)



#16

Acetone

Concen: 260.958 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN055995.D

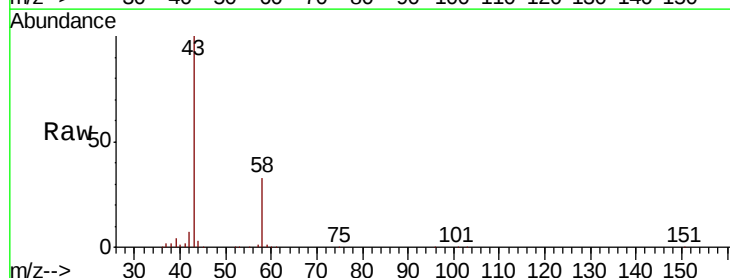
Acq: 5 Jun 2019 8:59

Tgt Ion: 43 Resp: 442196

Ion Ratio Lower Upper

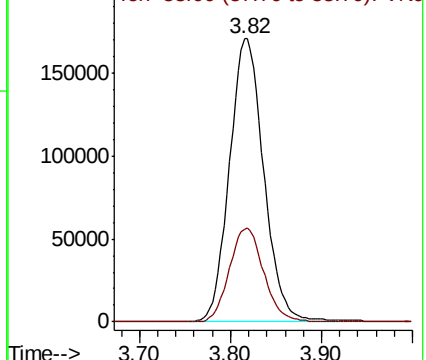
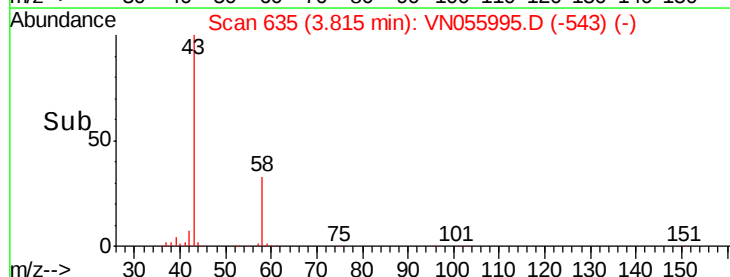
43 100

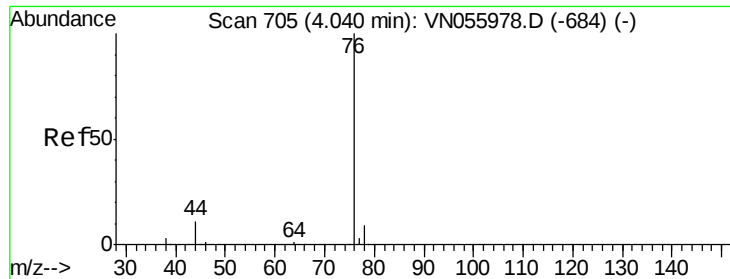
58 32.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055995.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055995.D (-543) (-)

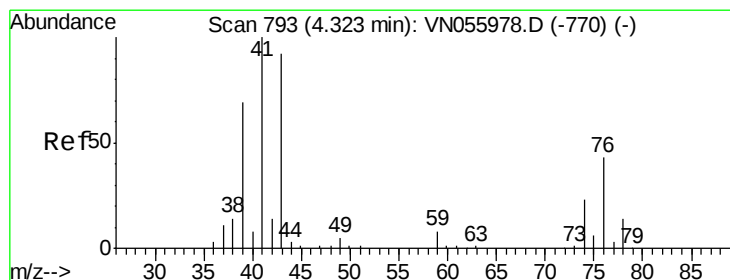
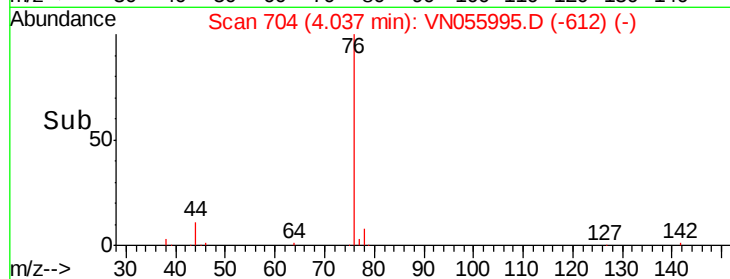
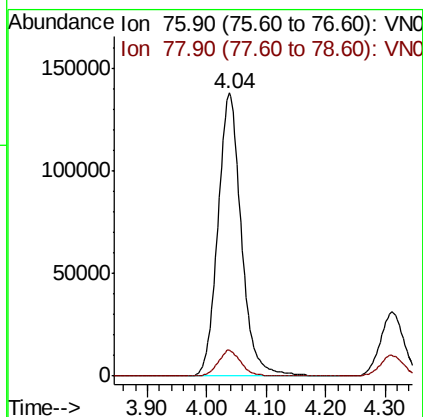
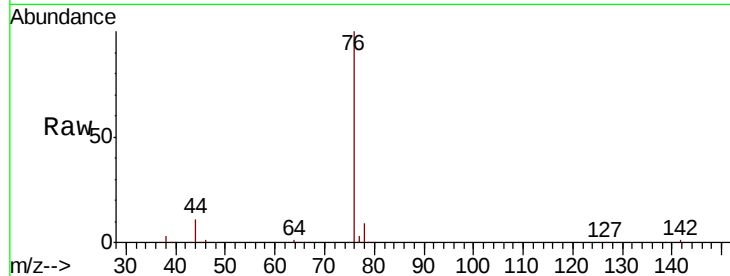




#17  
Carbon Disulfide  
Concen: 52.300 ug/l  
RT: 4.04 min Scan# 704  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

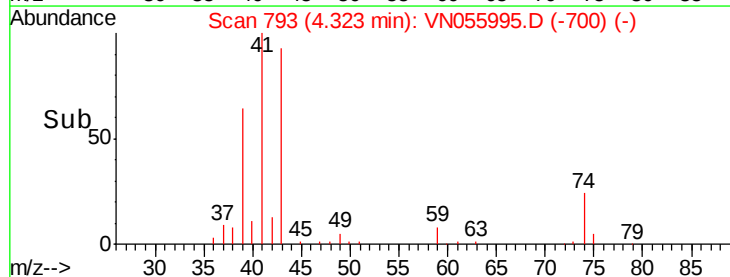
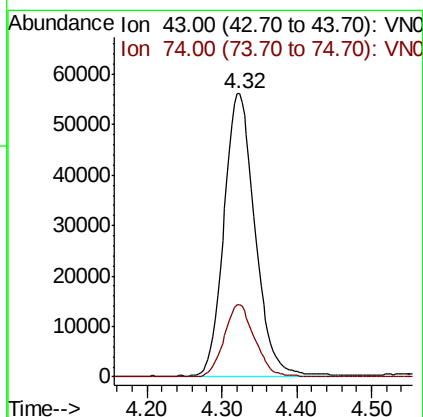
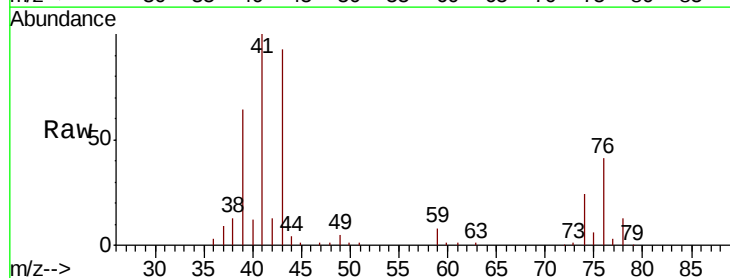
Instrument :  
MSVOA\_N  
ClientSampled :

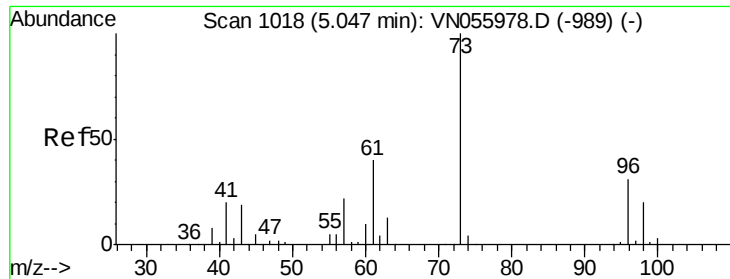
Tot Ion: 76 Resp: 375113  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.2



#18  
Methyl Acetate  
Concen: 48.066 ug/l  
RT: 4.32 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion: 43 Resp: 160064  
Ion Ratio Lower Upper  
43 100  
74 25.4 19.3 28.9

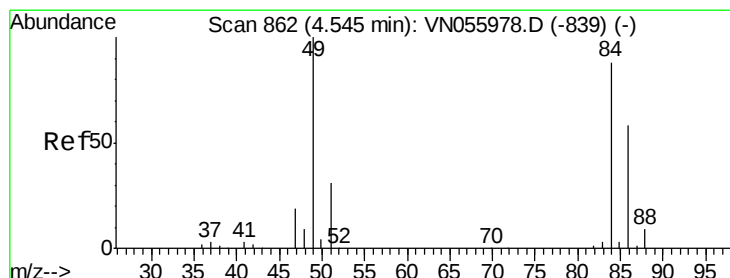
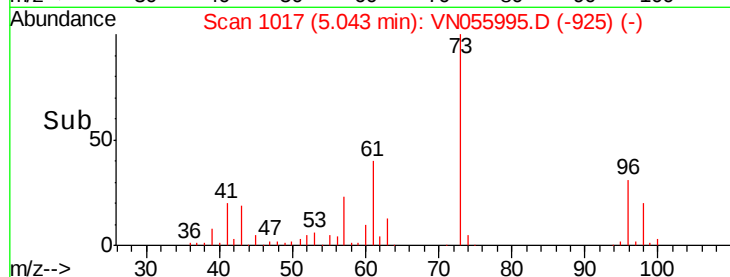
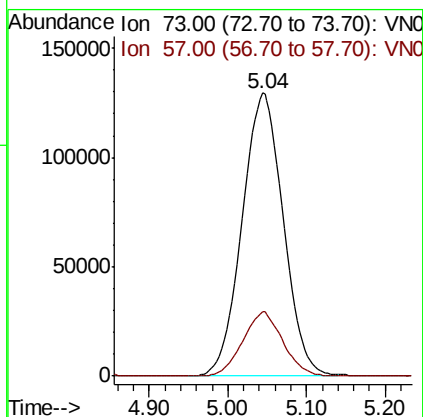
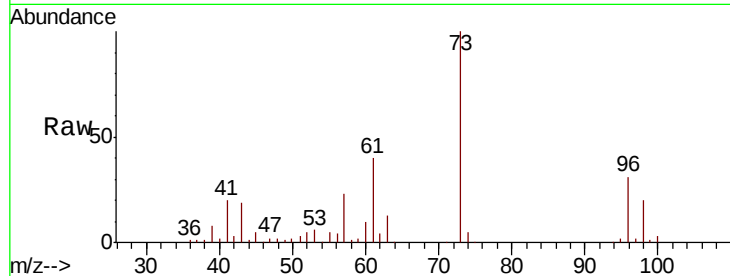




#19  
Methvl tert-butvl Ether  
Concen: 50.014 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

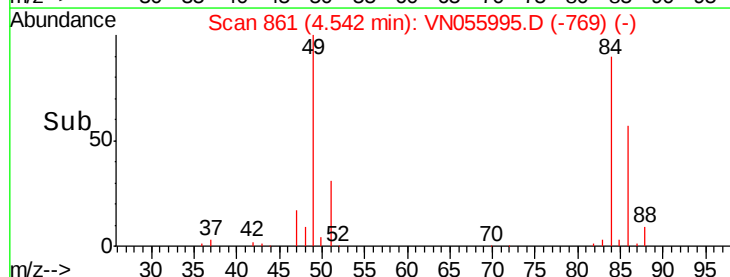
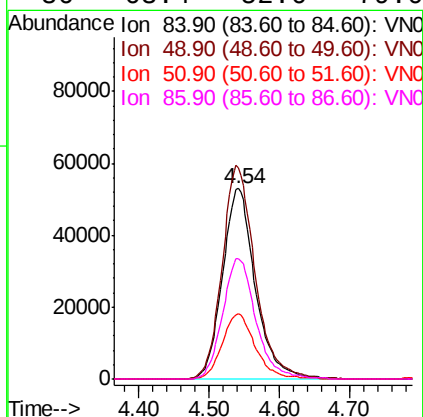
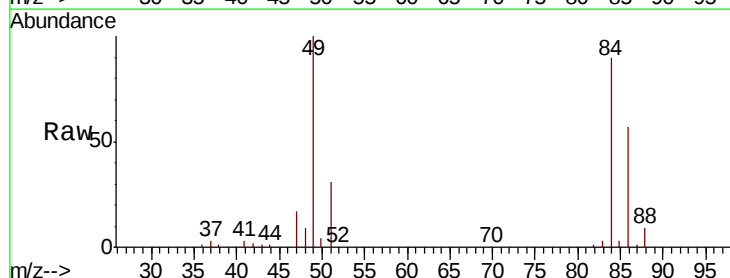
Instrument :  
MSVOA\_N  
ClientSampled :

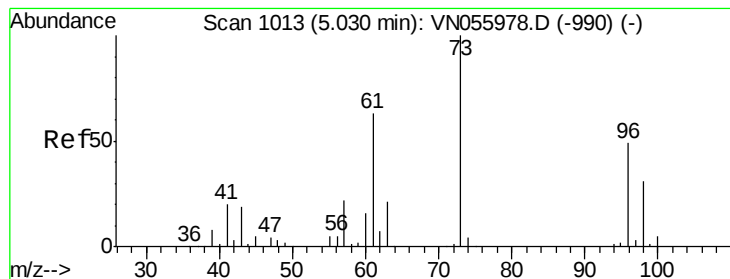
Tot Ion: 73 Resp: 477553  
Ion Ratio Lower Upper  
73 100  
57 22.7 17.8 26.8



#20  
Methylene Chloride  
Concen: 49.351 ug/l  
RT: 4.54 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion: 84 Resp: 172291  
Ion Ratio Lower Upper  
84 100  
49 110.8 93.5 140.3  
51 34.1 28.6 43.0  
86 63.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 50.665 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

ClientSampled :

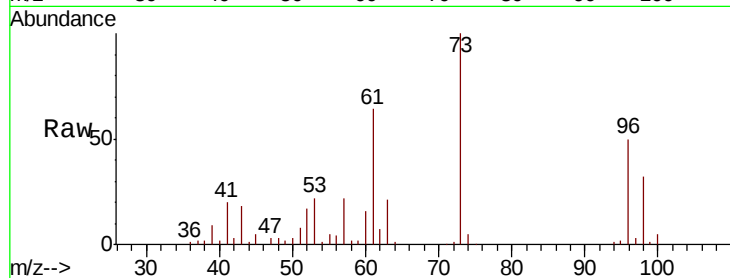
Tot Ion: 96 Resp: 162612

Ion Ratio Lower Upper

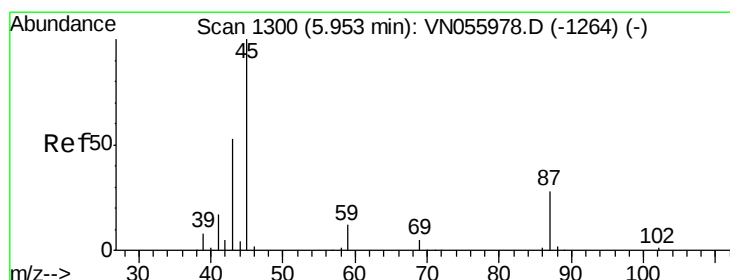
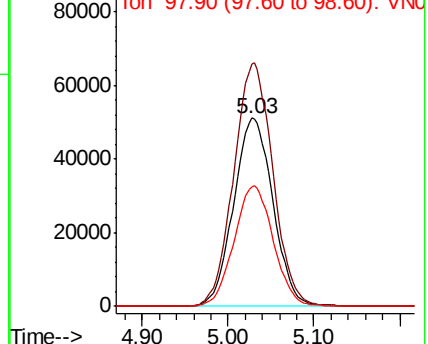
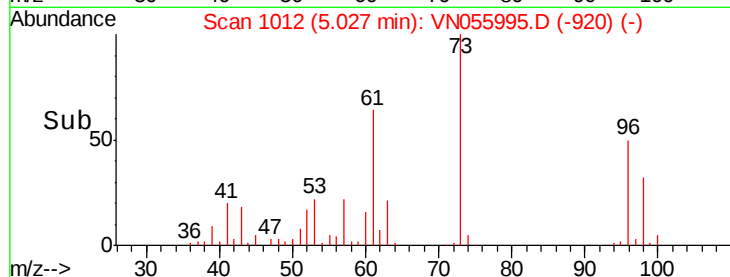
96 100

61 128.4 107.8 161.8

98 63.8 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN055995.D (-920) (-)



#22

Diisopropyl ether

Concen: 49.392 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Tgt Ion: 45 Resp: 482947

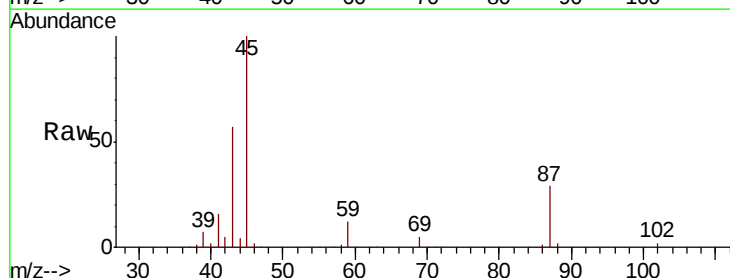
Ion Ratio Lower Upper

45 100

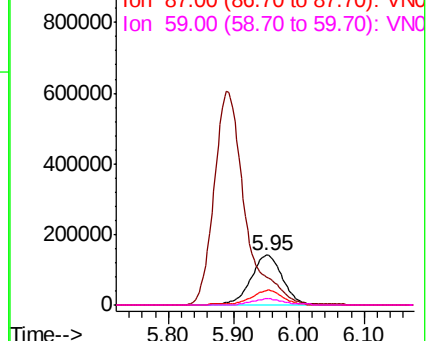
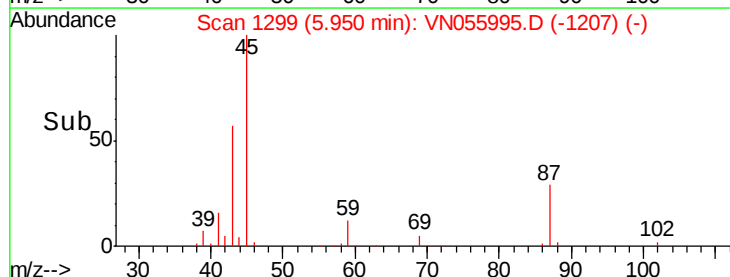
43 55.3 45.0 67.6

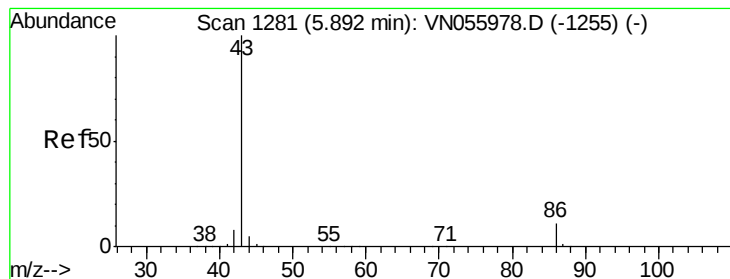
87 29.3 22.2 33.4

59 12.0 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN055995.D (-1207) (-)





#23

Vinyl Acetate

Concen: 258.767 ug/l

RT: 5.89 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

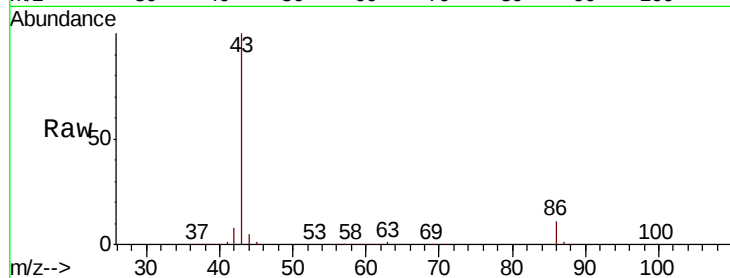
ClientSampleId :

Tot Ion: 43 Resp: 1992515

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.89

600000

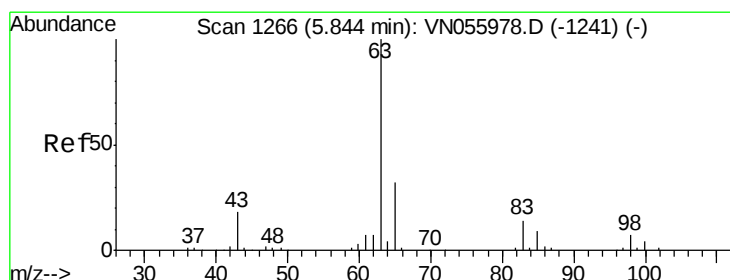
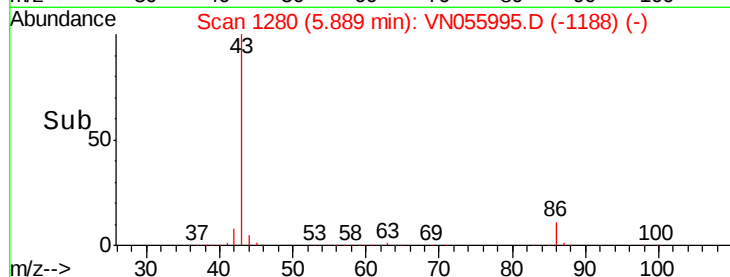
400000

200000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 49.735 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

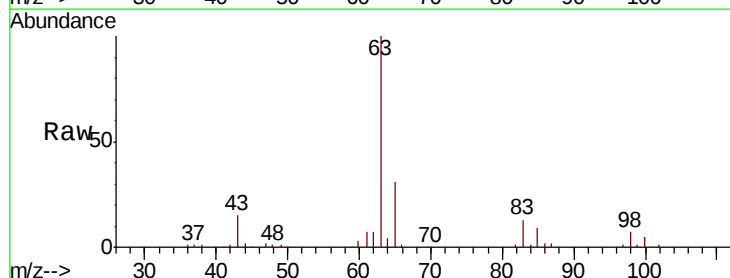
Tgt Ion: 63 Resp: 280516

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

120000

100000

80000

60000

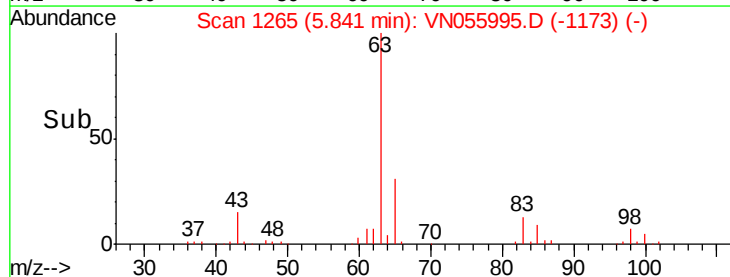
40000

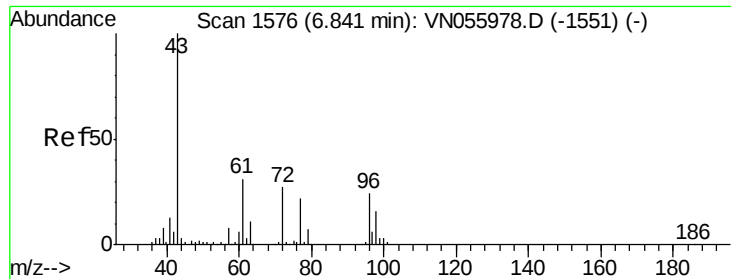
20000

0

Time-->

5.70 5.80 5.90 6.00

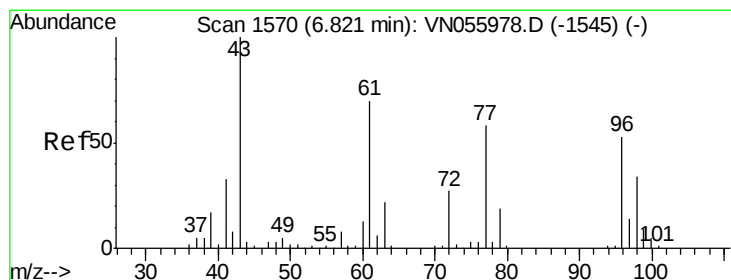
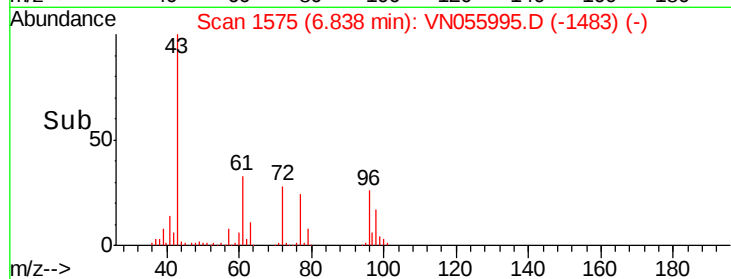
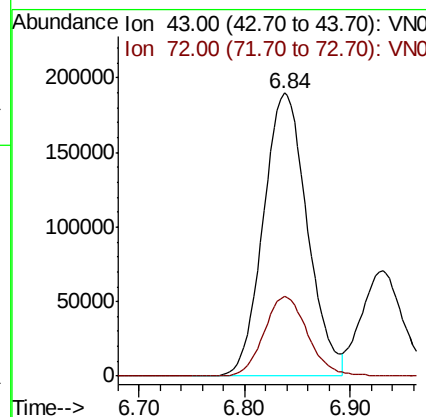
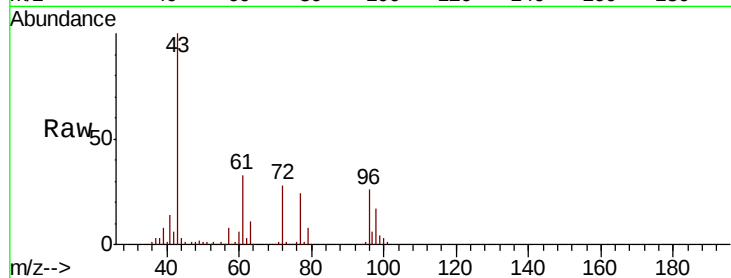




#25  
2-Butanone  
Concen: 256.338 ug/l  
RT: 6.84 min Scan# 1575  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

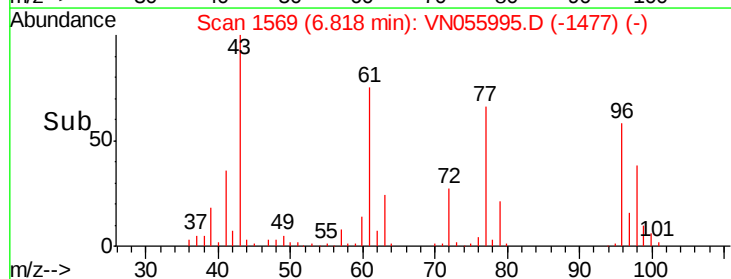
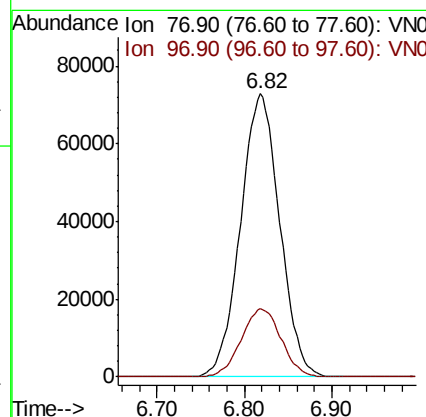
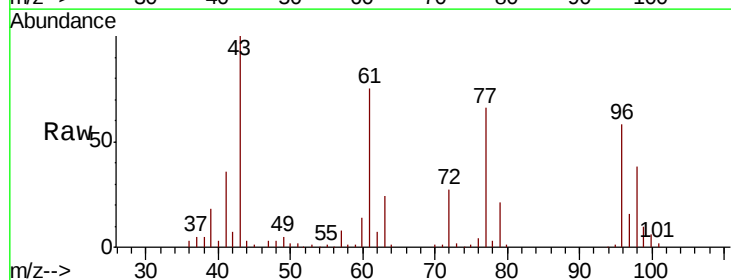
Instrument :  
MSVOA\_N  
ClientSampled :

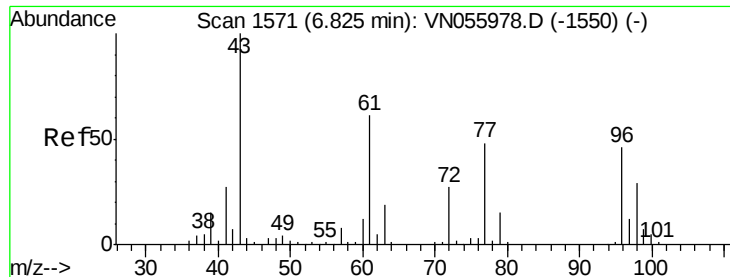
Tot Ion: 43 Resp: 548809  
Ion Ratio Lower Upper  
43 100  
72 28.1 21.9 32.9



#26  
2,2-Dichloropropane  
Concen: 51.365 ug/l  
RT: 6.82 min Scan# 1569  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion: 77 Resp: 226063  
Ion Ratio Lower Upper  
77 100  
97 24.6 12.2 36.6



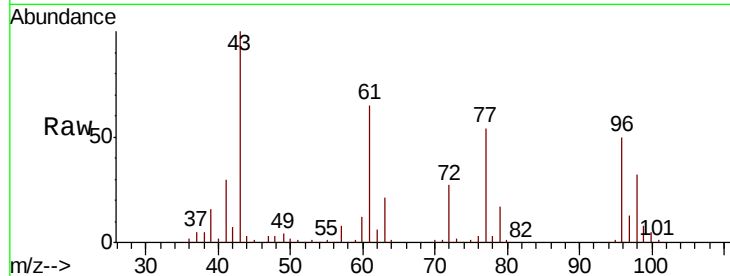


#27

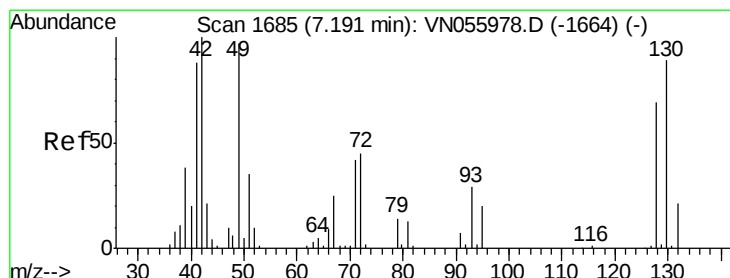
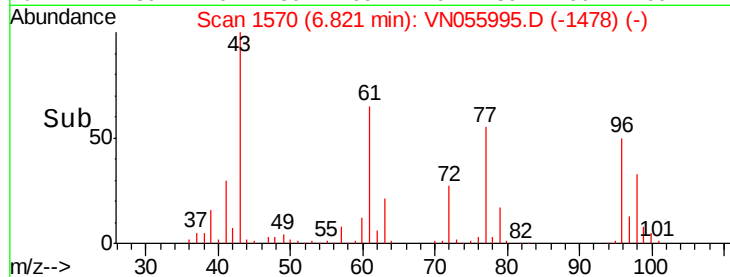
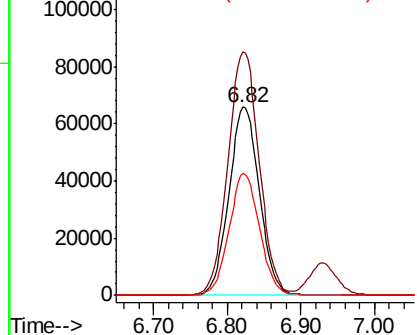
cis-1,2-Dichloroethene  
 Concen: 50.329 ug/l  
 RT: 6.82 min Scan# 1570  
 Delta R.T. -0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion: 96 Resp: 189881  
 Ion Ratio Lower Upper  
 96 100  
 61 132.5 0.0 275.8  
 98 64.5 0.0 128.4



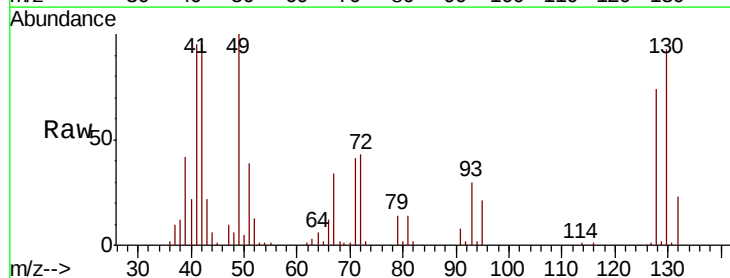
Abundance Ion 95.90 (95.60 to 96.60): VN0  
 Ion 60.90 (60.60 to 61.60): VN0  
 Ion 97.90 (97.60 to 98.60): VN0



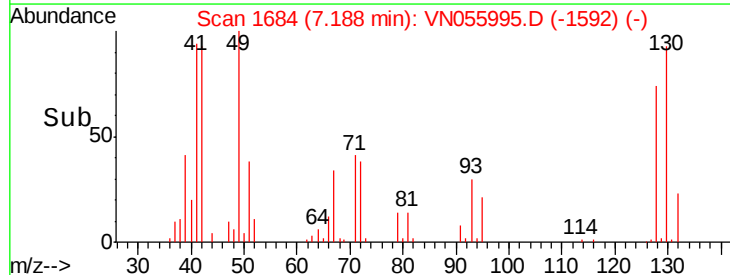
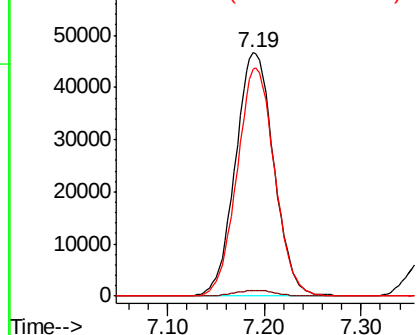
#28

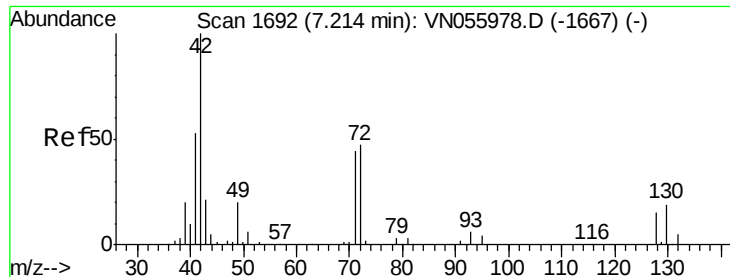
Bromochloromethane  
 Concen: 48.229 ug/l  
 RT: 7.19 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Tgt Ion: 49 Resp: 128639  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 4.4  
 130 91.7 71.2 106.8



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

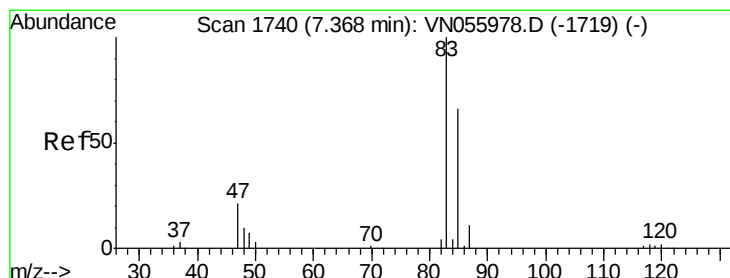
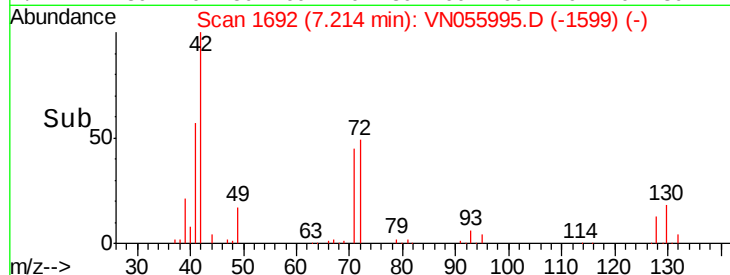
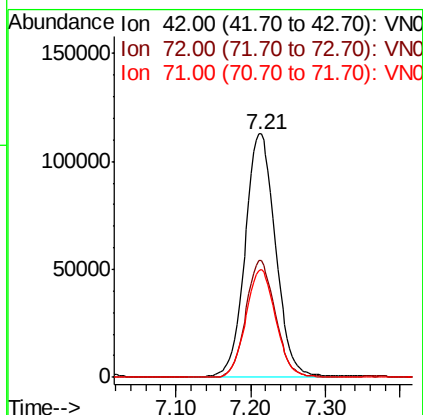
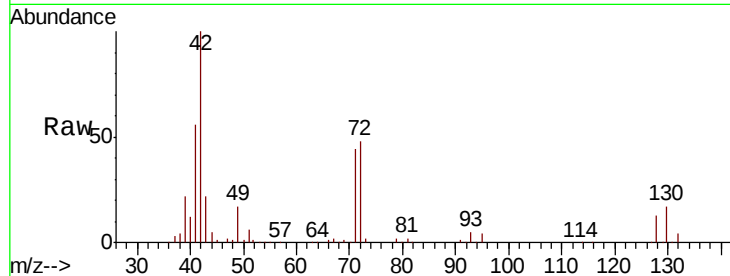




#29  
Tetrahydrofuran  
Concen: 242.088 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

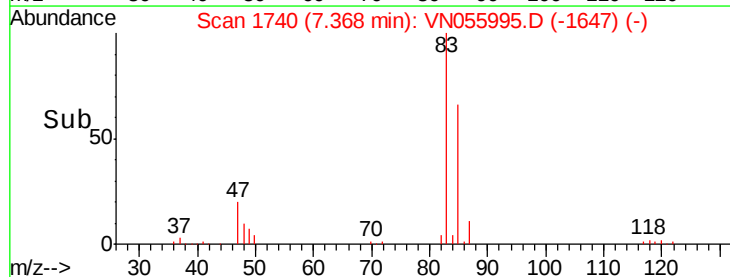
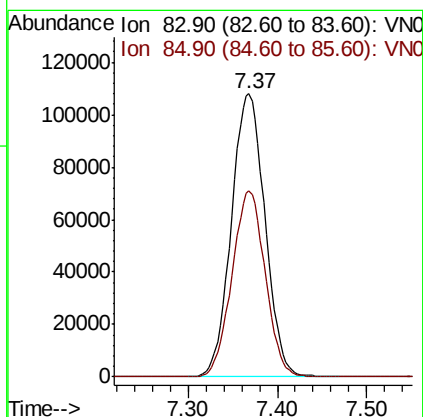
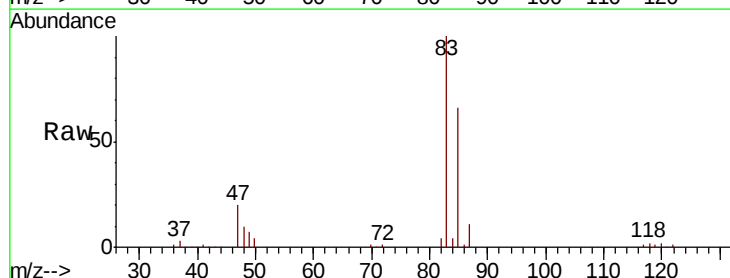
Instrument :  
MSVOA\_N  
ClientSampled :

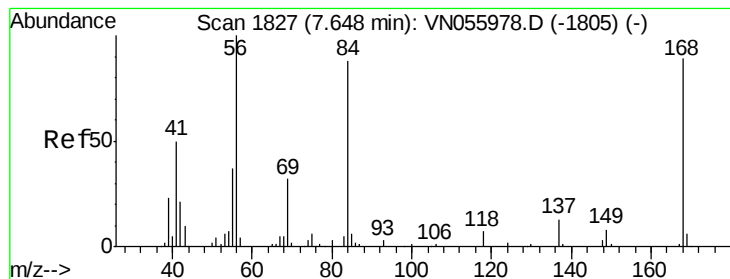
Tot Ion: 42 Resp: 320383  
Ion Ratio Lower Upper  
42 100  
72 46.5 35.9 53.9  
71 43.3 34.0 51.0



#30  
Chloroform  
Concen: 49.774 ug/l  
RT: 7.37 min Scan# 1740  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion: 83 Resp: 282412  
Ion Ratio Lower Upper  
83 100  
85 65.7 51.8 77.8





#31

Cyclohexane

Concen: 47.885 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

ClientSampled :

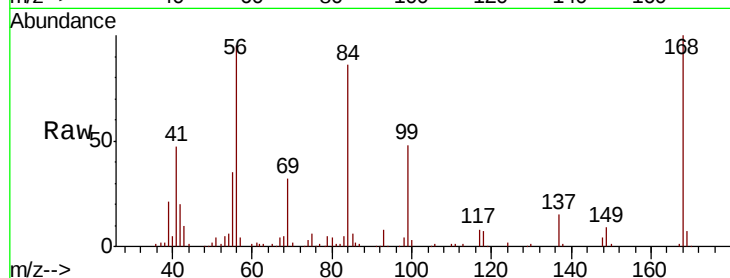
Tot Ion: 56 Resp: 269212

Ion Ratio Lower Upper

56 100

69 33.7 25.6 38.4

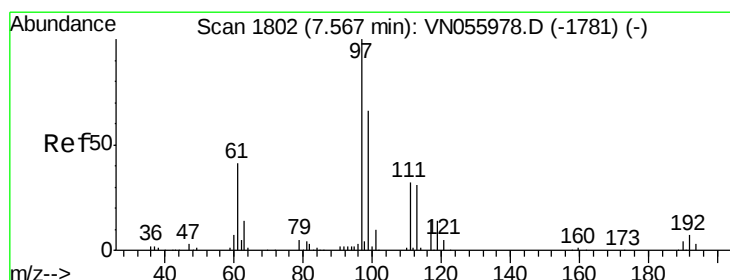
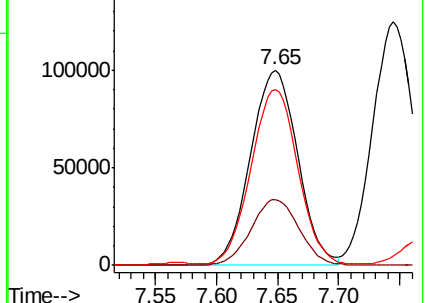
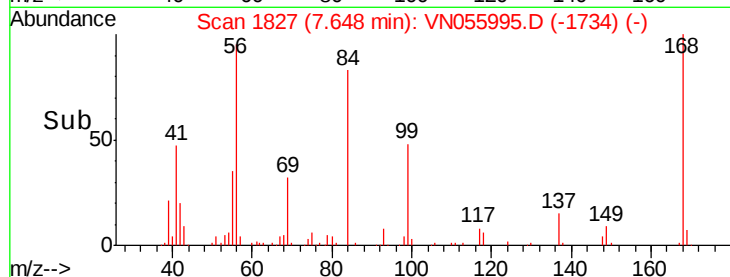
84 89.0 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN055995.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN055995.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN055995.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 51.203 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

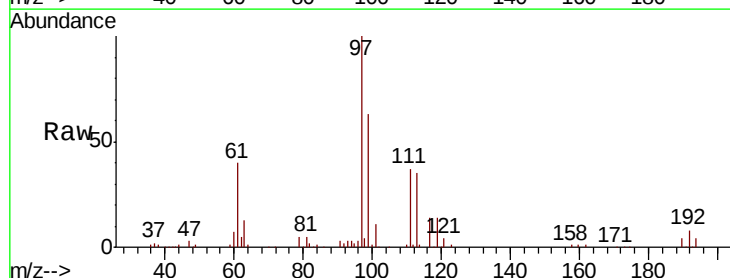
Tgt Ion: 97 Resp: 242600

Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

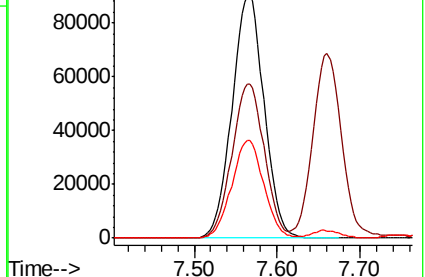
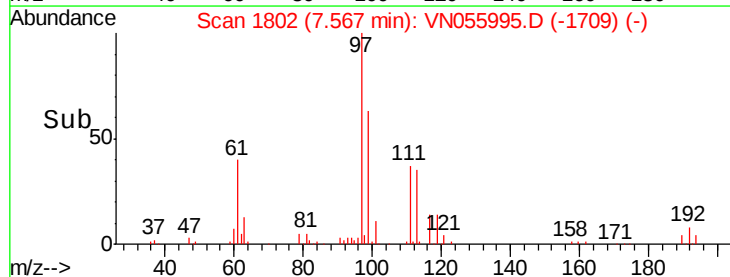
61 40.3 32.9 49.3

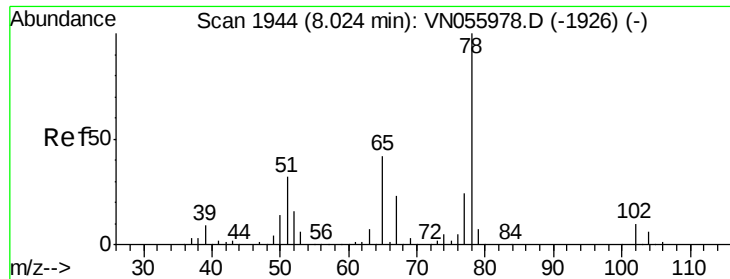


Abundance Ion 96.90 (96.60 to 97.60): VN055995.D (-1709) (-)

Ion 98.90 (98.60 to 99.60): VN055995.D (-1709) (-)

Ion 60.90 (60.60 to 61.60): VN055995.D (-1709) (-)

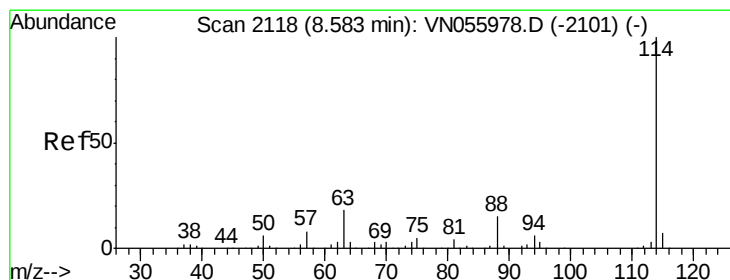
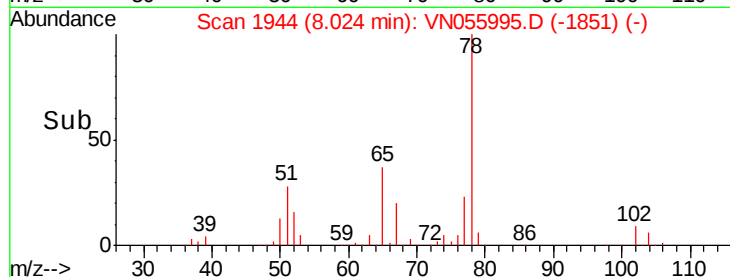
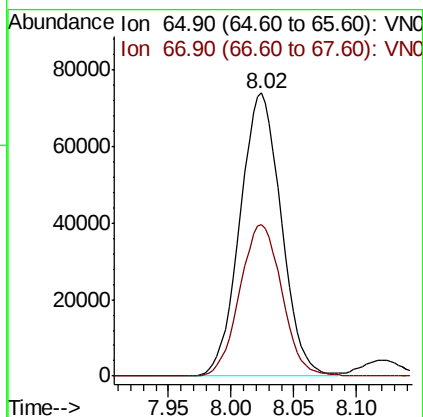
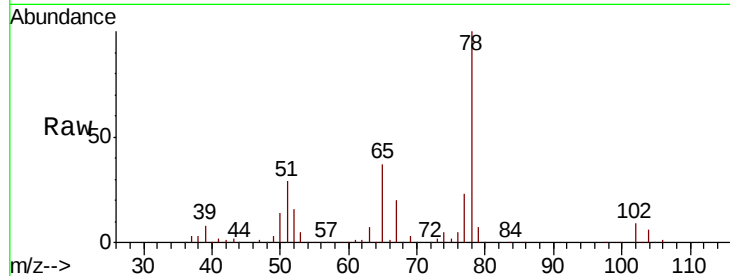




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.850 ug/l  
 RT: 8.02 min Scan# 1944  
 Delta R.T. 0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

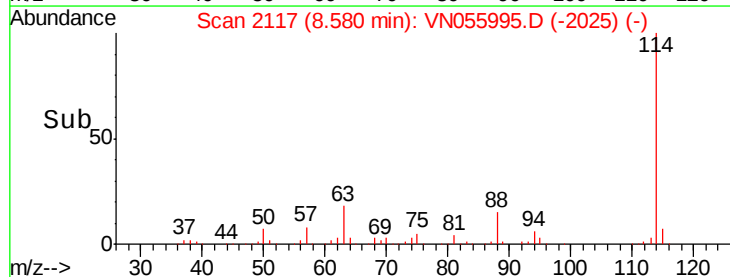
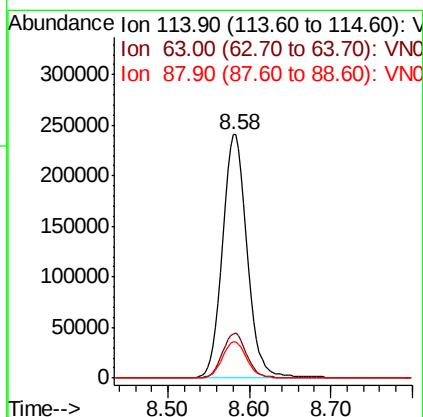
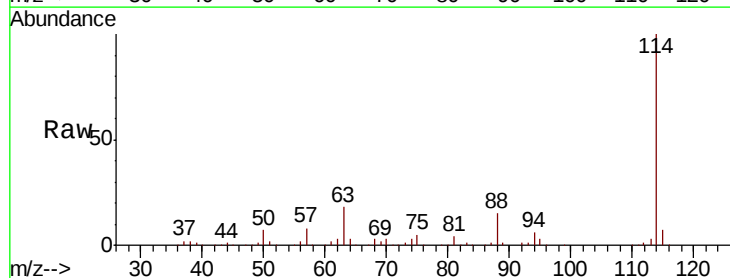
Instrument :  
 MSVOA\_N  
 ClientSampled :

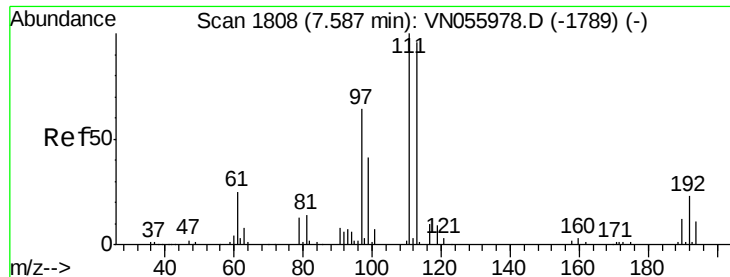
Tot Ion: 65 Resp: 169534  
 Ion Ratio Lower Upper  
 65 100  
 67 54.7 0.0 109.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2117  
 Delta R.T. -0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Tgt Ion: 114 Resp: 516877  
 Ion Ratio Lower Upper  
 114 100  
 63 18.3 0.0 39.2  
 88 14.8 0.0 31.0

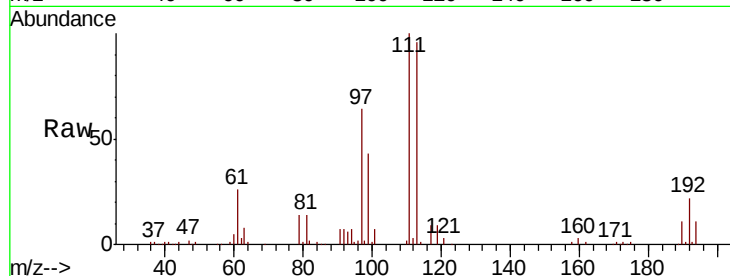




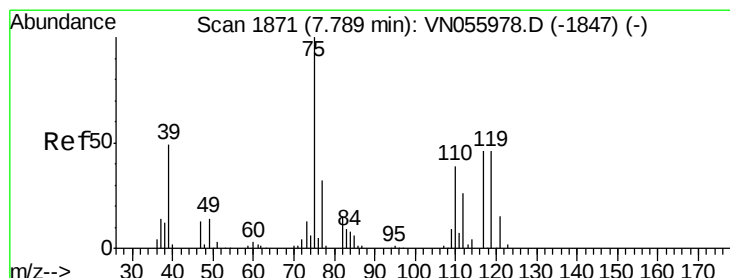
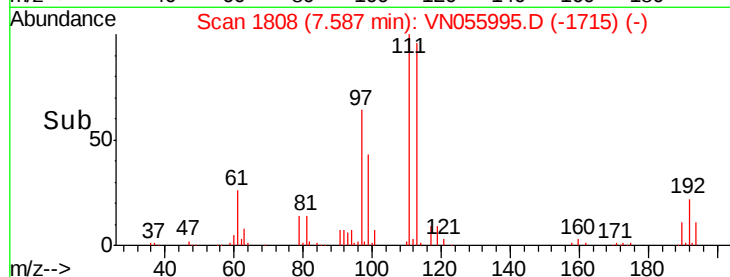
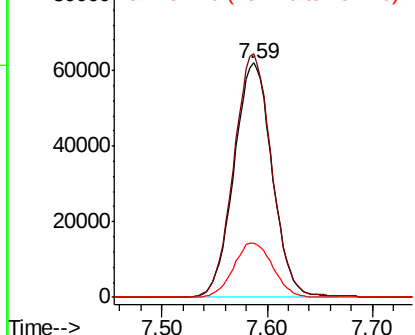
#35  
 Dibromofluoromethane  
 Concen: 49.121 ug/l  
 RT: 7.59 min Scan# 1808  
 Delta R.T. 0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:113 Resp: 155772  
 Ion Ratio Lower Upper  
 113 100  
 111 103.6 81.9 122.9  
 192 23.8 19.5 29.3

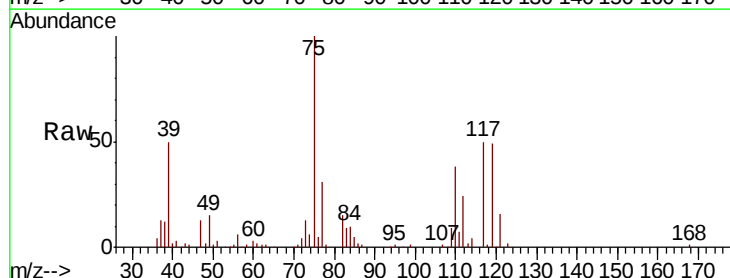


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

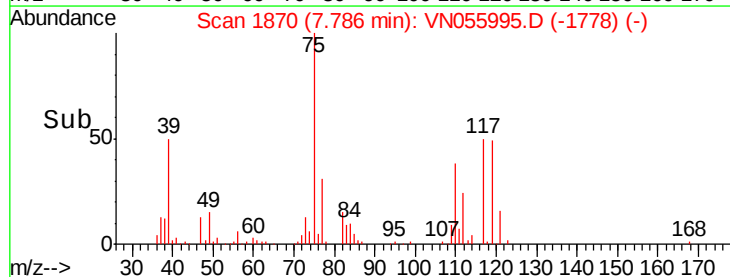
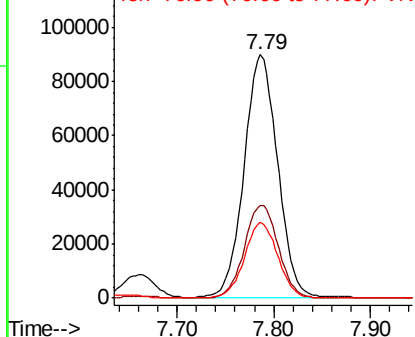


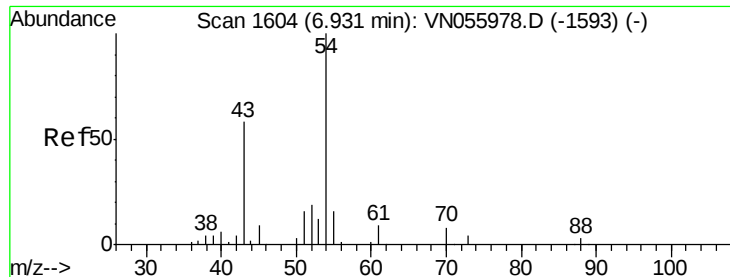
#36  
 1,1-Dichloropropene  
 Concen: 48.619 ug/l  
 RT: 7.79 min Scan# 1870  
 Delta R.T. -0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Tgt Ion: 75 Resp: 216083  
 Ion Ratio Lower Upper  
 75 100  
 110 38.8 19.0 57.0  
 77 31.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): V

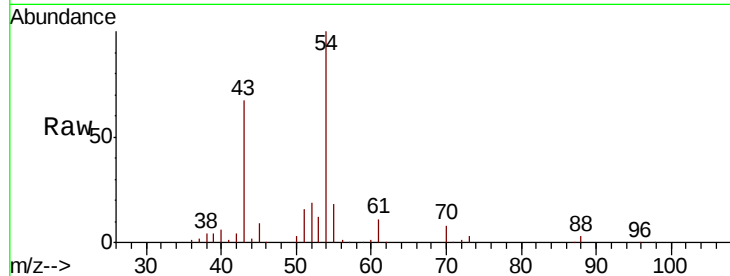




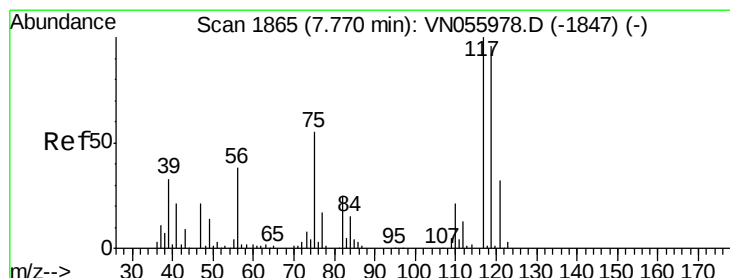
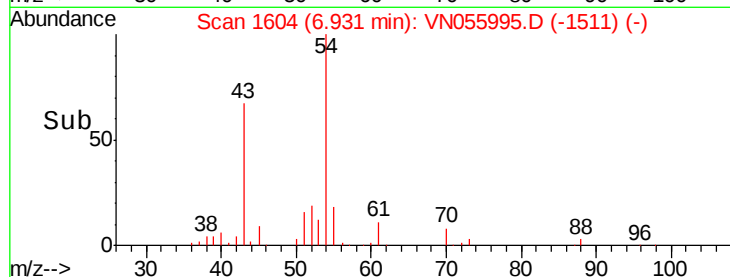
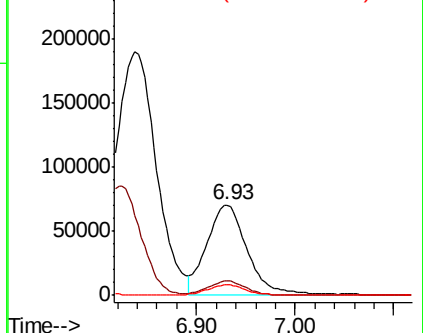
#37  
Ethyl Acetate  
Concen: 50.137 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 198264  
Ion Ratio Lower Upper  
43 100  
61 15.4 12.2 18.2  
70 11.2 8.9 13.3

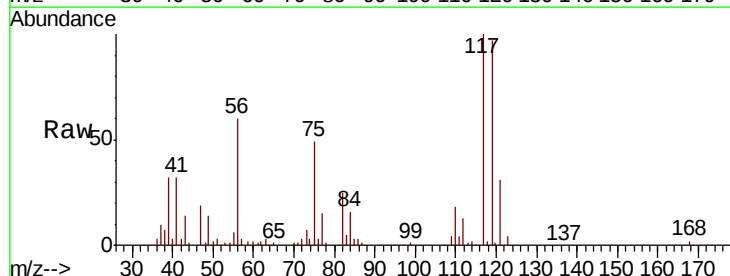


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

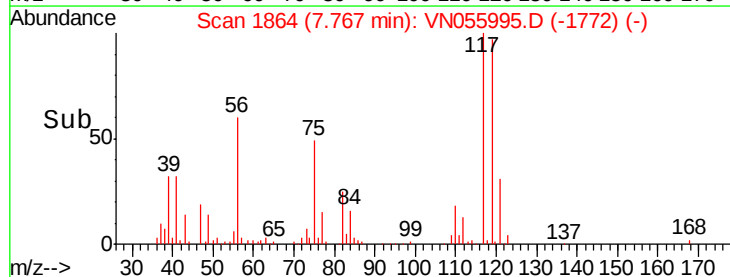
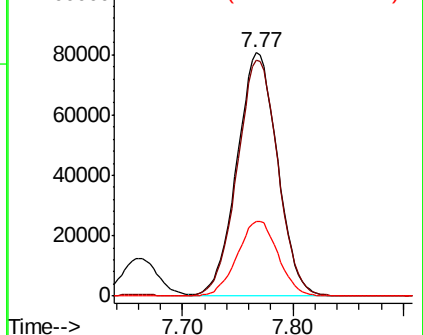


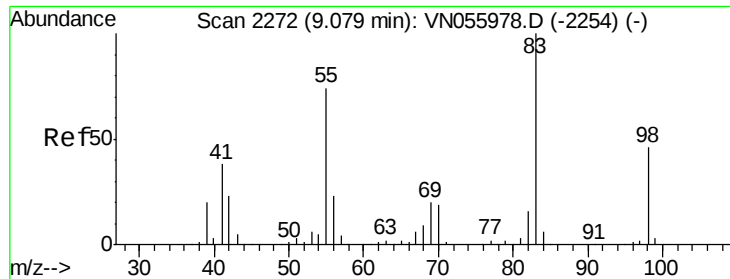
#38  
Carbon Tetrachloride  
Concen: 49.841 ug/l  
RT: 7.77 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion: 117 Resp: 204225  
Ion Ratio Lower Upper  
117 100  
119 97.5 79.0 118.6  
121 30.8 24.7 37.1



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

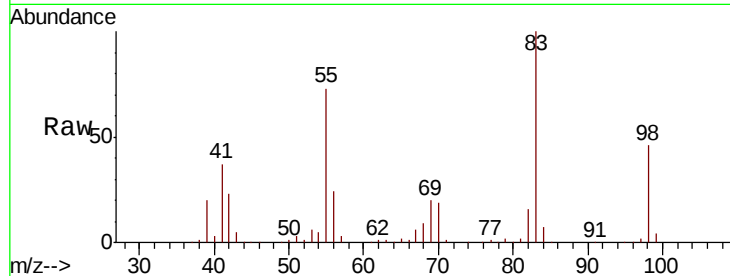




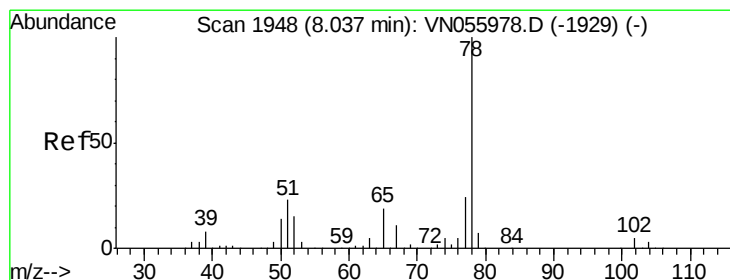
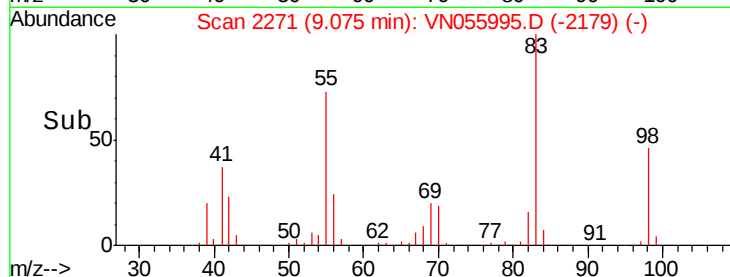
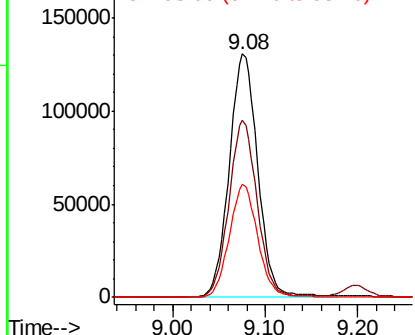
#39  
Methvlcvclohexane  
Concen: 50.483 ug/l  
RT: 9.08 min Scan# 2271  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 83 Resp: 279499  
Ion Ratio Lower Upper  
83 100  
55 72.8 59.3 88.9  
98 46.3 36.6 54.8

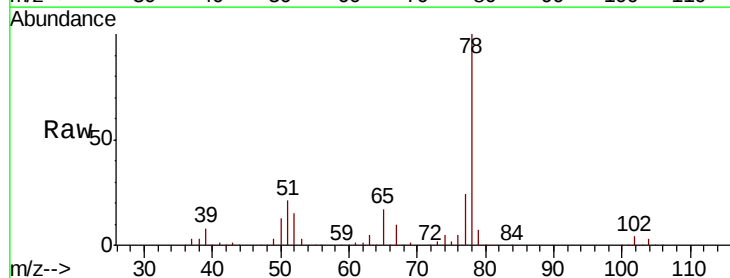


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

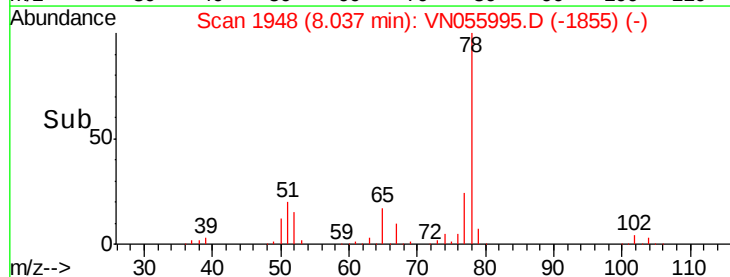
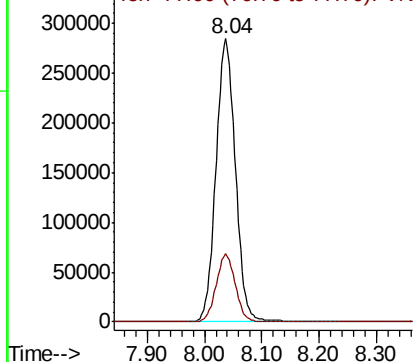


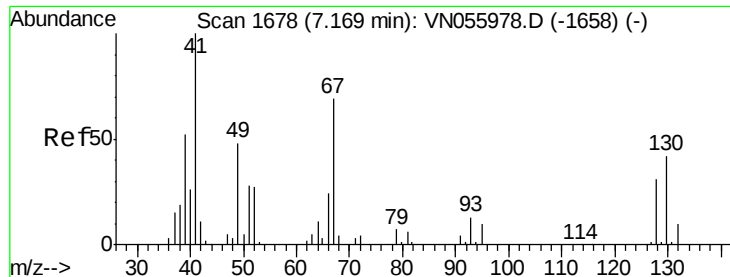
#40  
Benzene  
Concen: 49.736 ug/l  
RT: 8.04 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion: 78 Resp: 671375  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.8 28.2



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

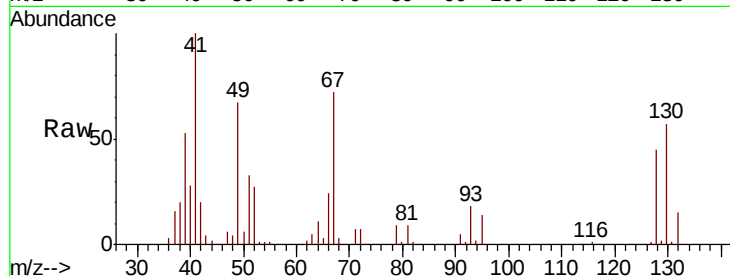




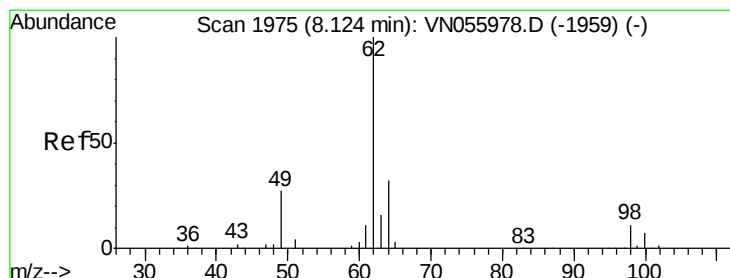
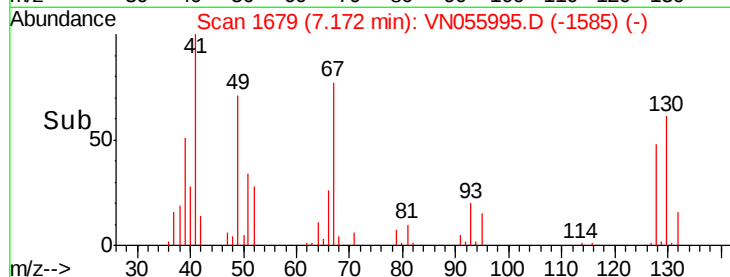
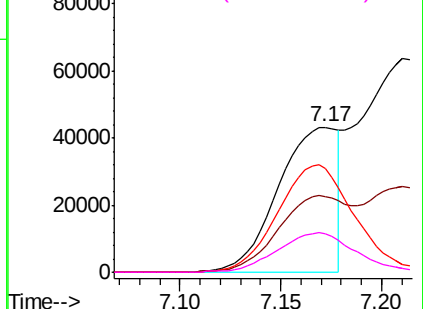
#41  
Methacrylonitrile  
Concen: 48.564 ug/l  
RT: 7.17 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Instrument :  
MSVOA\_N  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 88359 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.9  | 45.6  | 68.4  |
| 67       | 96.5  | 67.7  | 101.5 |
| 52       | 36.3  | 26.6  | 40.0  |

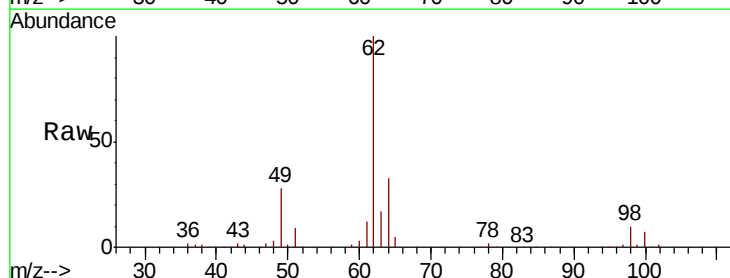


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

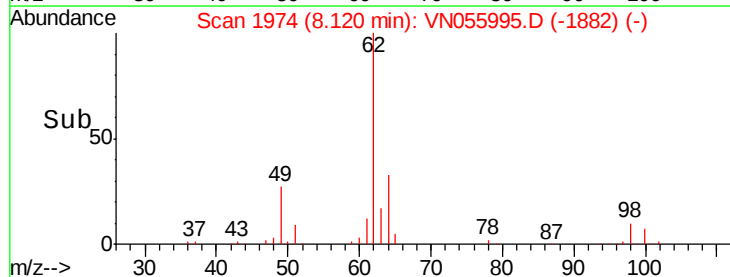
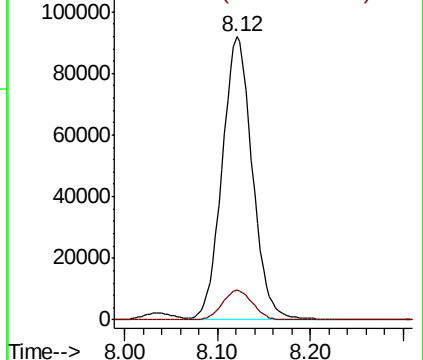


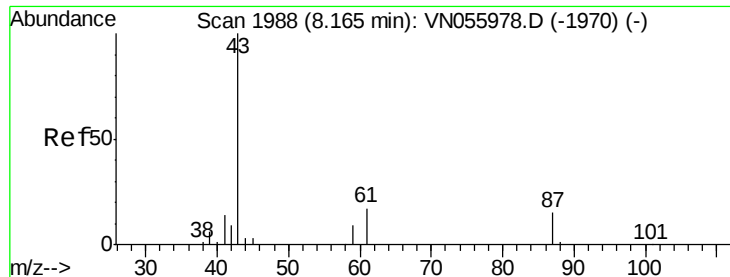
#42  
1,2-Dichloroethane  
Concen: 47.554 ug/l  
RT: 8.12 min Scan# 1974  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 206484 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.6  | 0.0   | 20.2   |



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





#43

Isopropyl Acetate

Concen: 49.912 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

ClientSampleId :

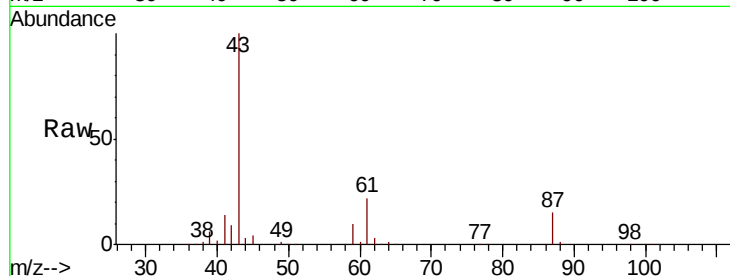
Tot Ion: 43 Resp: 319838

Ion Ratio Lower Upper

43 100

61 22.1 22.2 33.4#

87 15.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)

8.16

150000

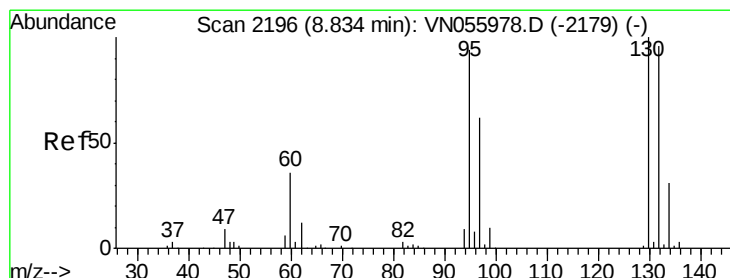
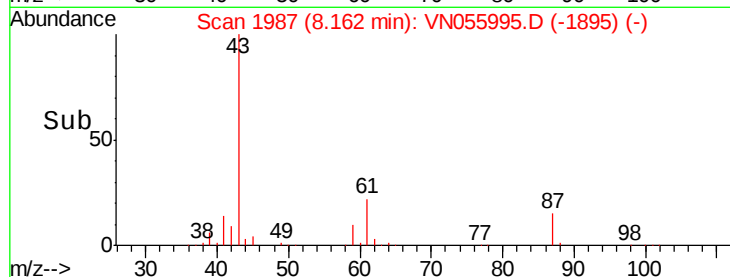
100000

50000

0

8.10 8.20 8.30

Time-->



#44

Trichloroethene

Concen: 49.902 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN055995.D

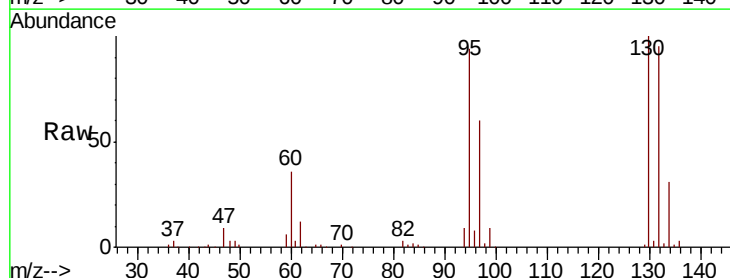
Acq: 5 Jun 2019 8:59

Tgt Ion:130 Resp: 193561

Ion Ratio Lower Upper

130 100

95 94.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

8.83

100000

80000

60000

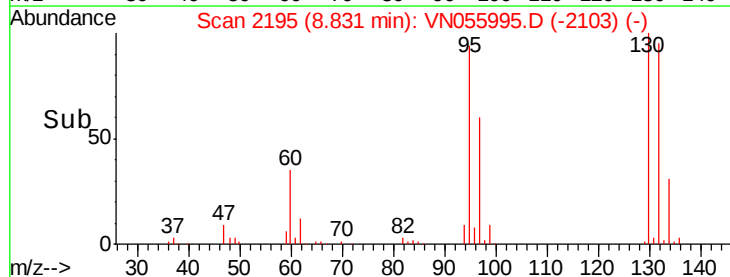
40000

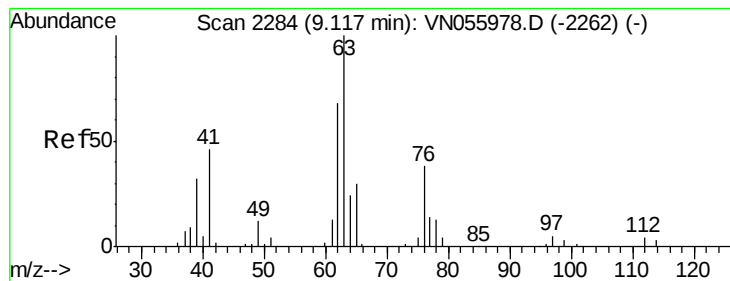
20000

0

8.70 8.80 8.90 9.00

Time-->





#45

1,2-Dichloropropane

Concen: 49.586 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

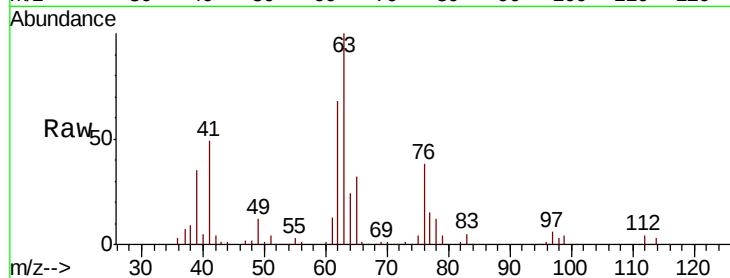
ClientSampleId :

Tot Ion: 63 Resp: 171447

Ion Ratio Lower Upper

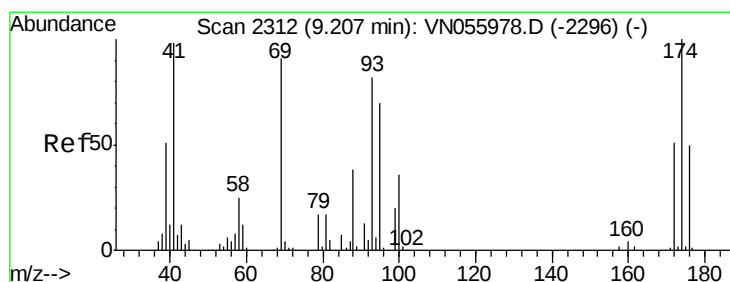
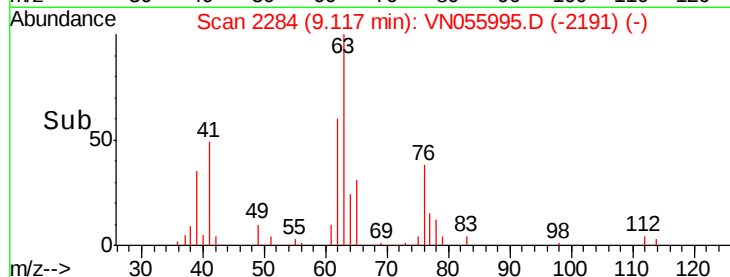
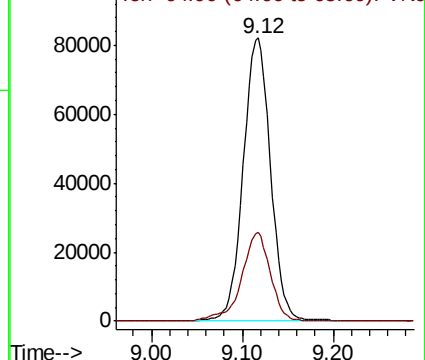
63 100

65 31.6 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.953 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

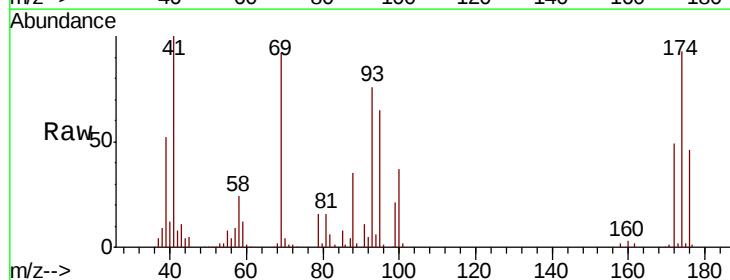
Tgt Ion: 93 Resp: 112944

Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

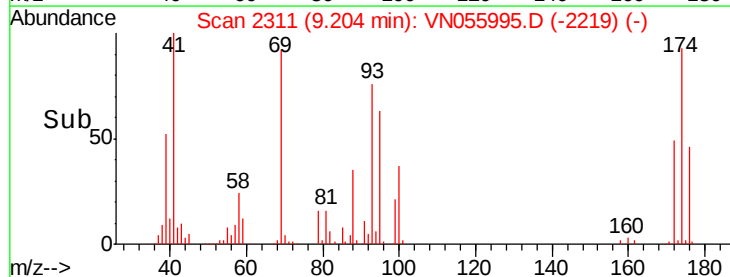
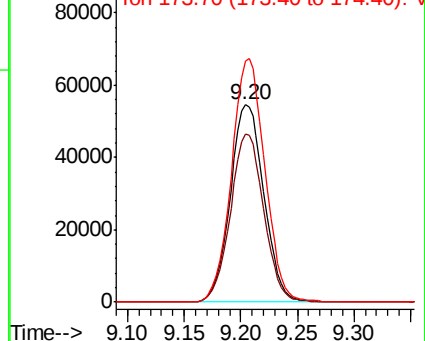
174 122.4 96.4 144.6

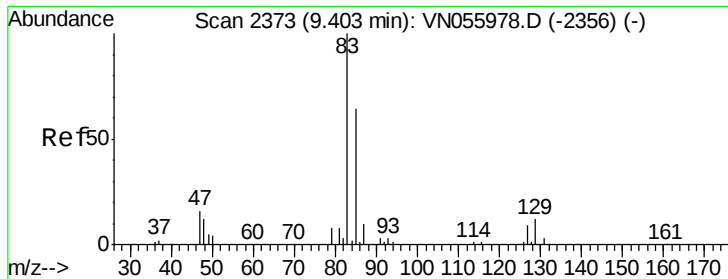


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.855 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

ClientSampled :

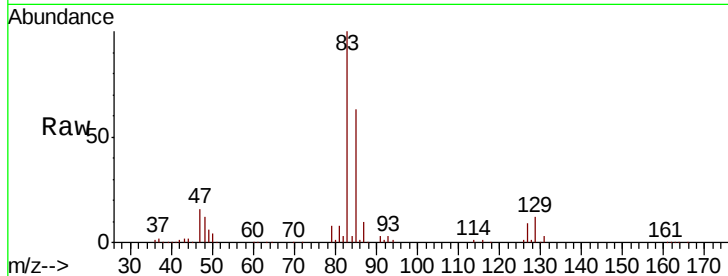
Tot Ion: 83 Resp: 212497

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.2

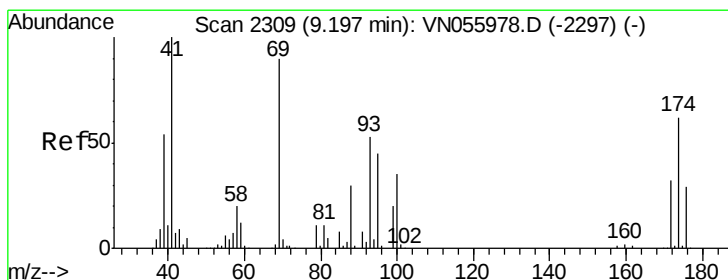
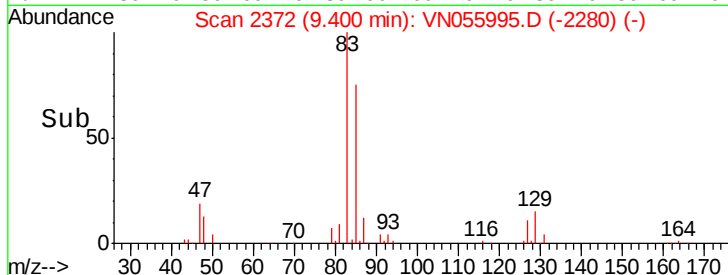
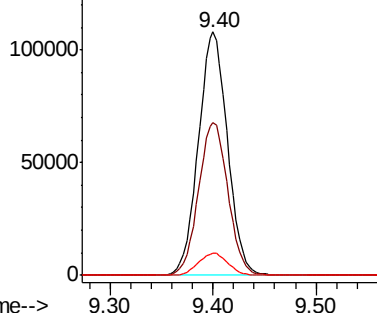
127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055978.D (-2356) (-)



#48

Methyl methacrylate

Concen: 49.194 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

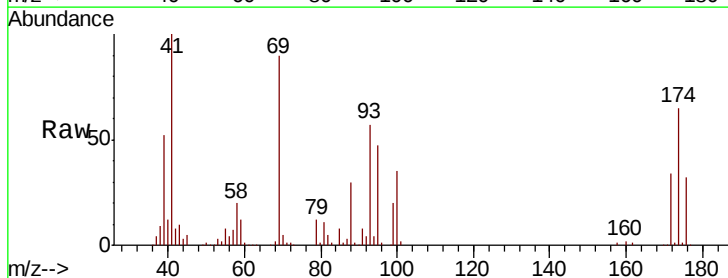
Tgt Ion: 41 Resp: 154224

Ion Ratio Lower Upper

41 100

69 93.5 71.0 106.6

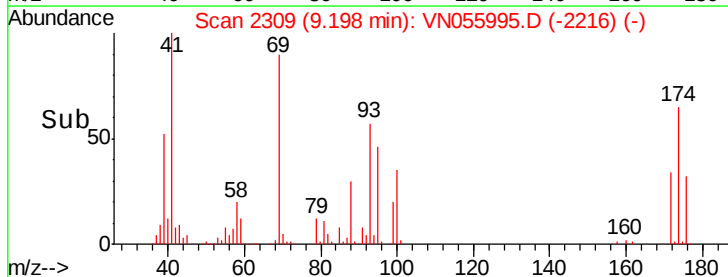
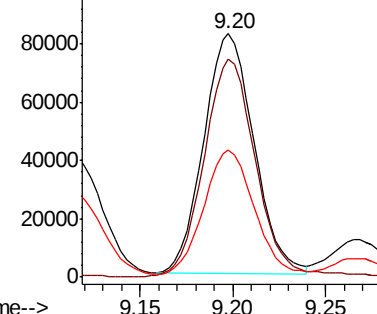
39 54.0 44.2 66.2

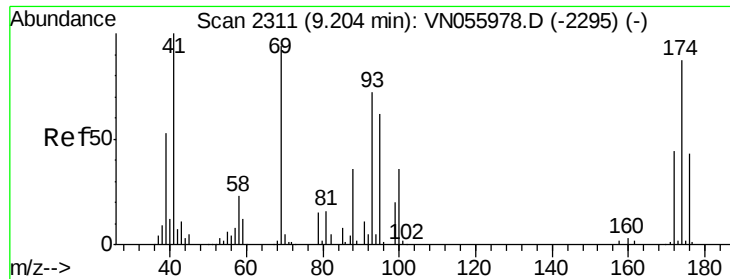


Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055978.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-2297) (-)





#49

1,4-Dioxane

Concen: 964.492 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

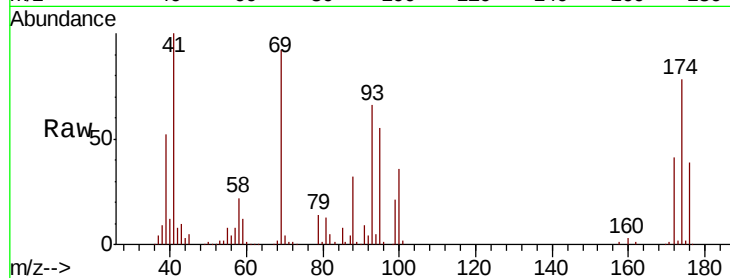
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 88 Resp: 65278

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 25.3  | 20.5  | 30.7  |
| 58  | 69.3  | 55.8  | 83.6  |

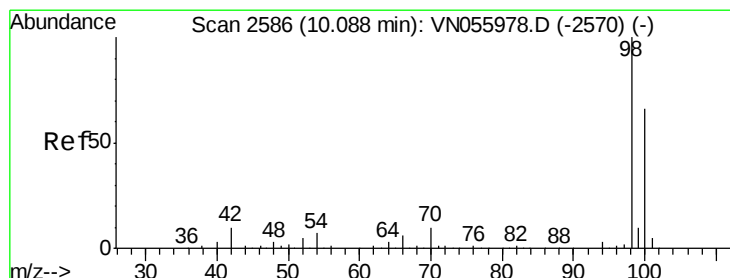
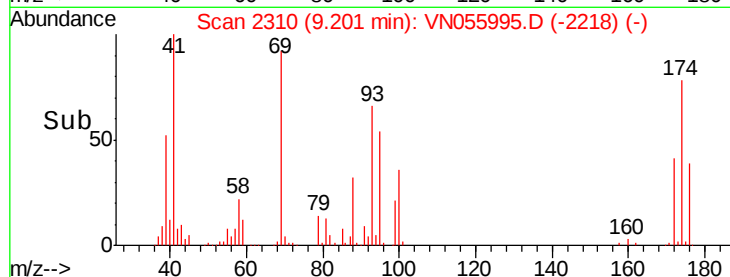
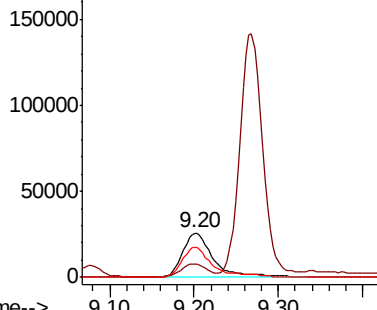


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.119 ug/l

RT: 10.09 min Scan# 2586

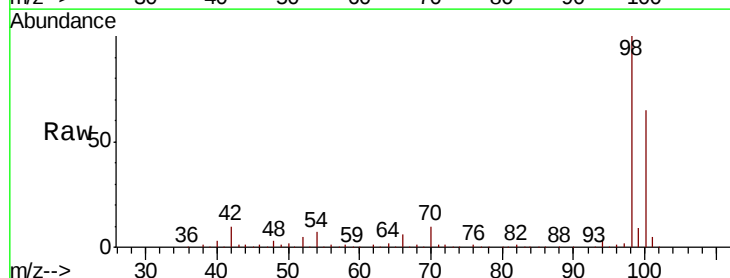
Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Tgt Ion: 98 Resp: 611595

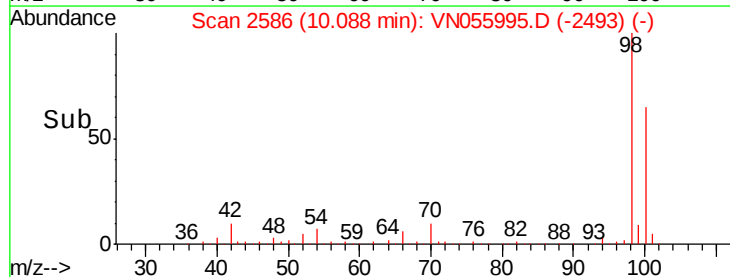
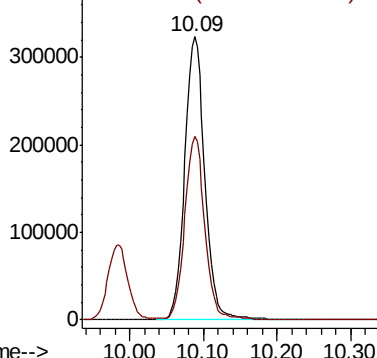
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.6  | 51.9  | 77.9  |

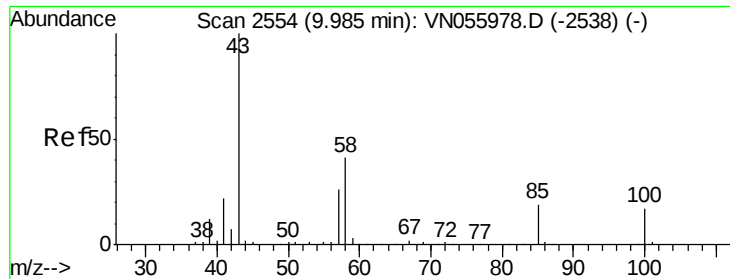


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 245.783 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

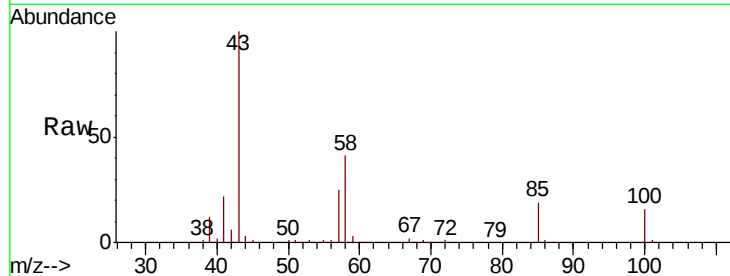
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 984924

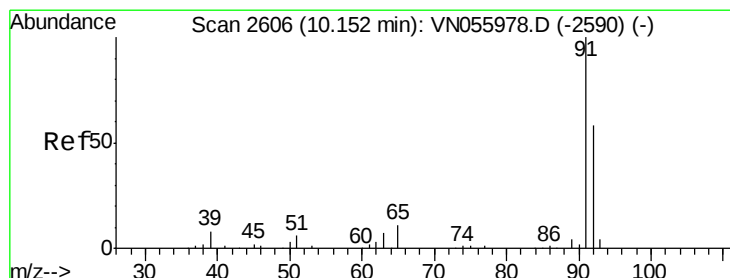
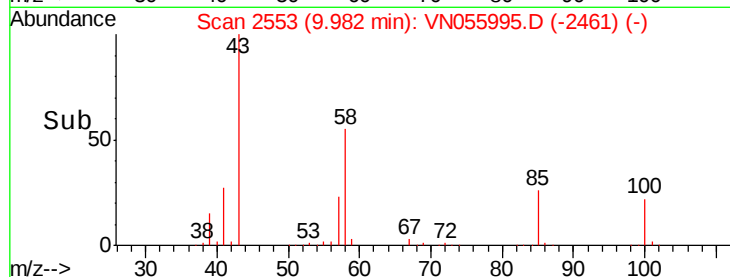
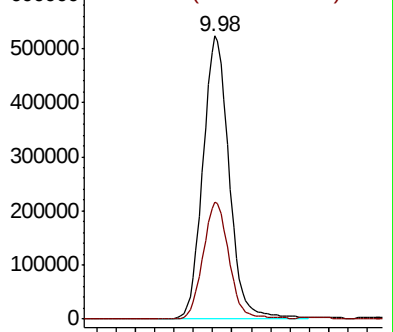
Ion Ratio Lower Upper

43 100

58 41.1 32.1 48.1



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



#52

Toluene

Concen: 50.856 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN055995.D

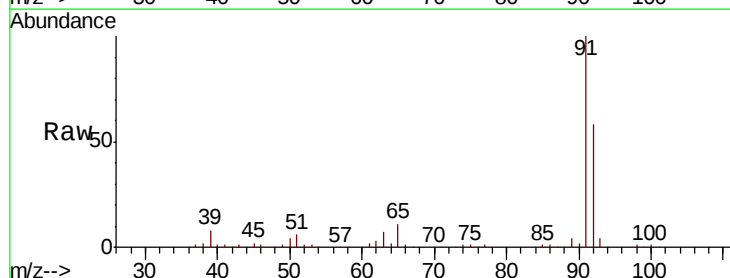
Acq: 5 Jun 2019 8:59

Tgt Ion: 92 Resp: 427178

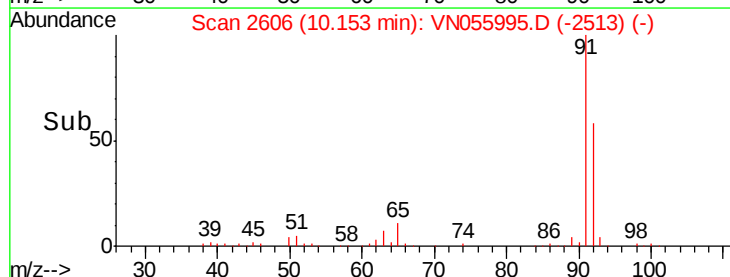
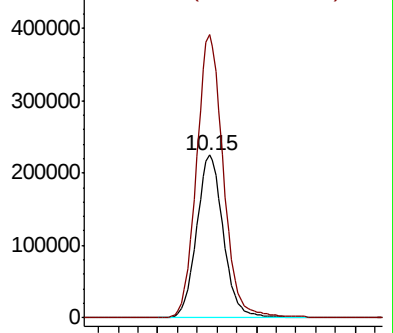
Ion Ratio Lower Upper

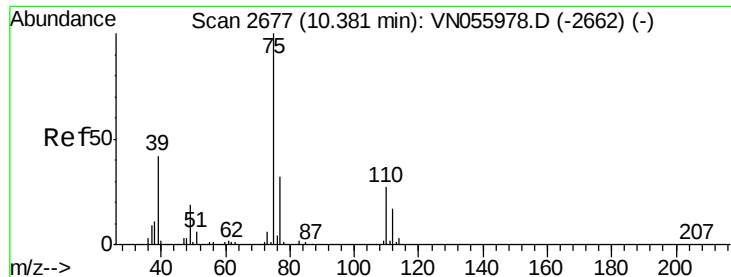
92 100

91 174.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0  
Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 48.696 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

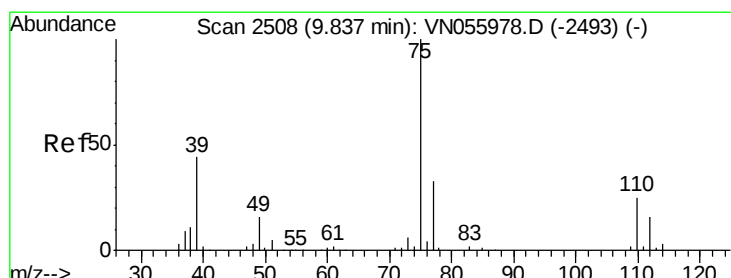
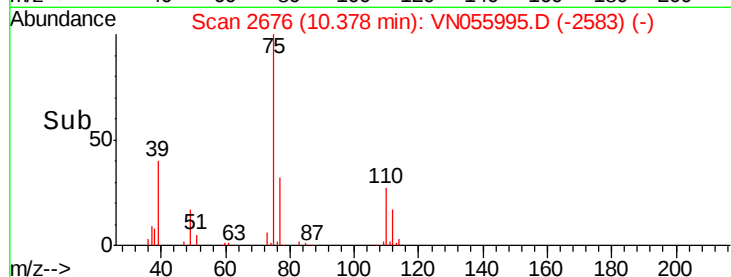
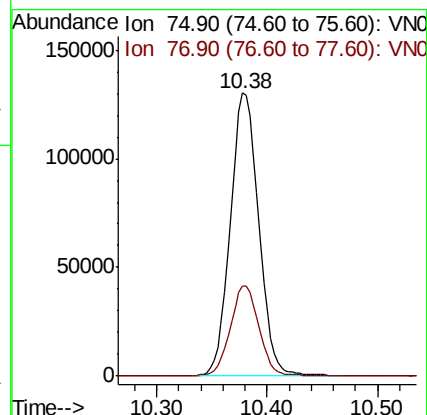
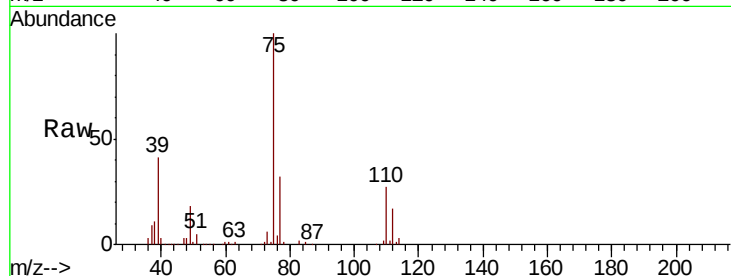
ClientSampled :

Tot Ion: 75 Resp: 233640

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 54.005 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

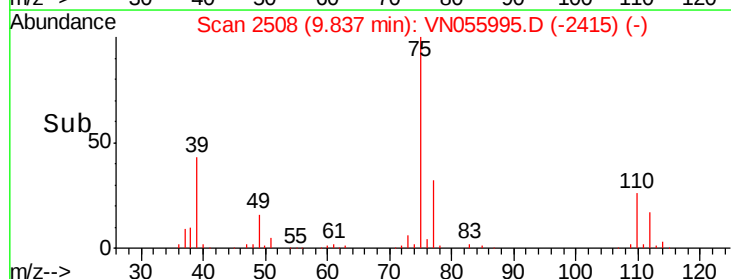
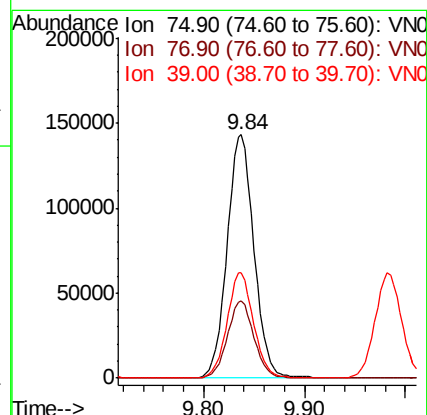
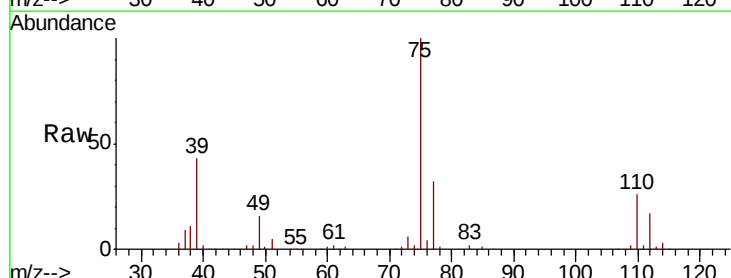
Tgt Ion: 75 Resp: 266014

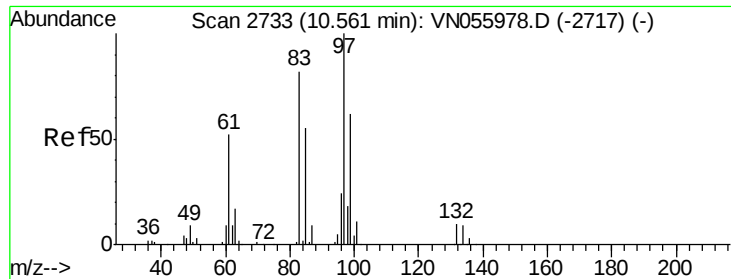
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 43.3 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 50.429 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

ClientSampled :

Tot Ion: 97 Resp: 167790

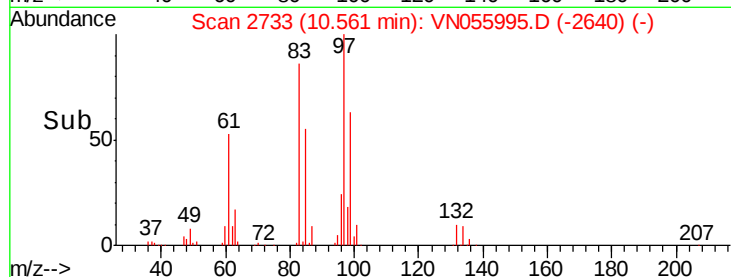
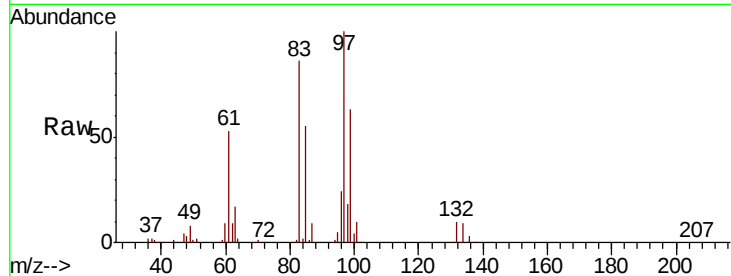
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.9  | 67.0  | 100.6 |
| 85  | 55.0  | 44.0  | 66.0  |
| 99  | 63.0  | 50.6  | 75.8  |

97 100

83 85.9 67.0 100.6

85 55.0 44.0 66.0

99 63.0 50.6 75.8

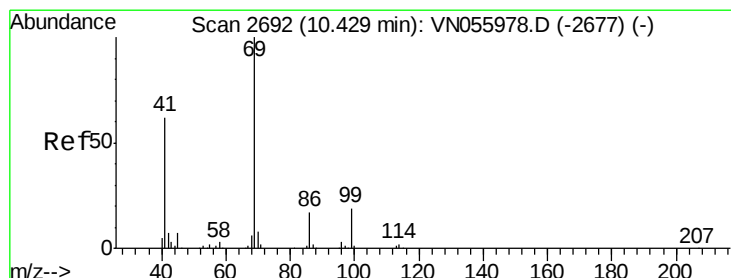
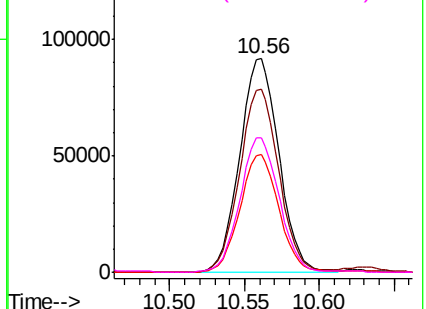


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 52.531 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

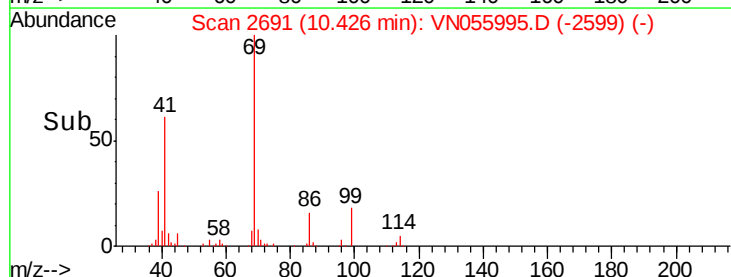
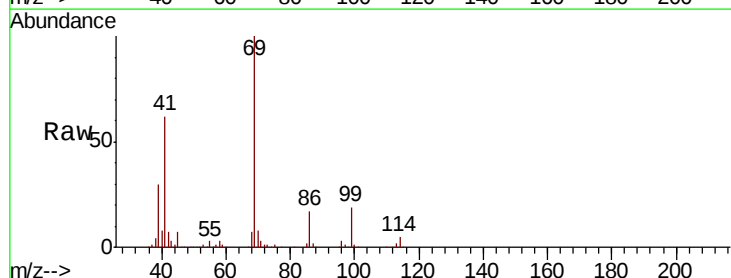
Tgt Ion: 69 Resp: 254991

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.4  | 49.7  | 74.5  |
| 39  | 29.1  | 24.7  | 37.1  |

69 100

41 60.4 49.7 74.5

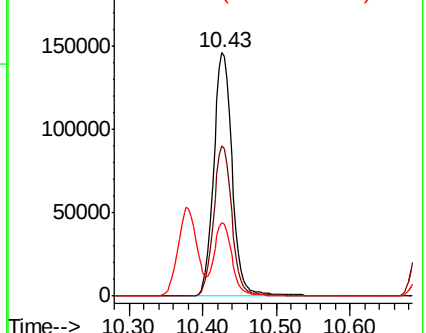
39 29.1 24.7 37.1

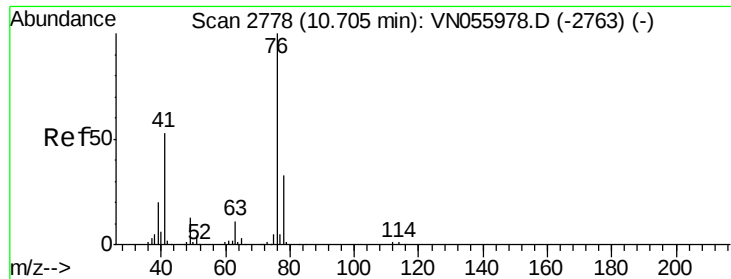


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

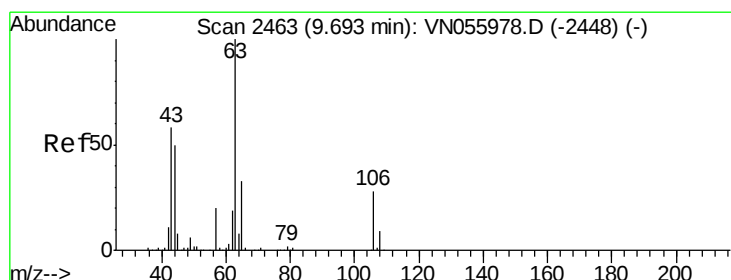
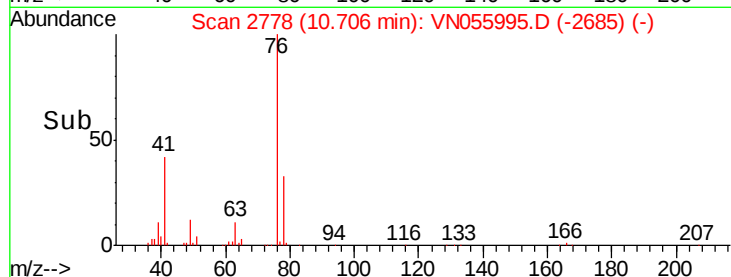
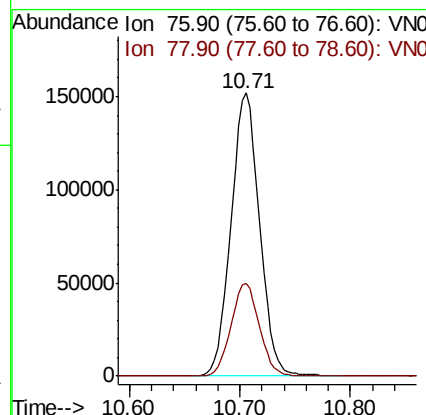
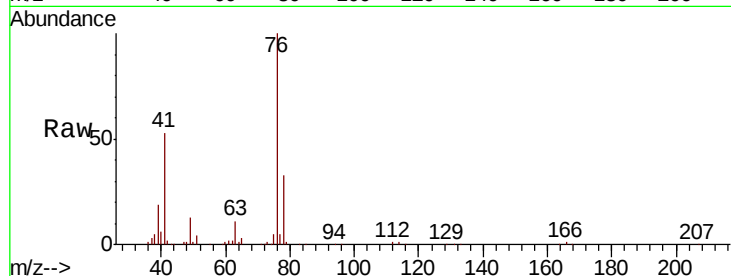




#57  
 1,3-Dichloropropane  
 Concen: 50.424 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

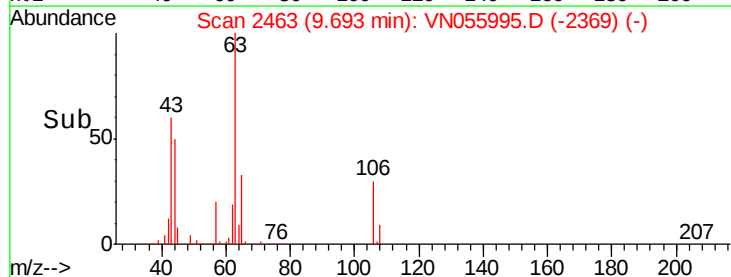
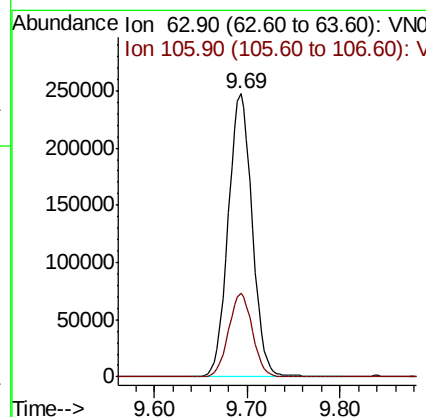
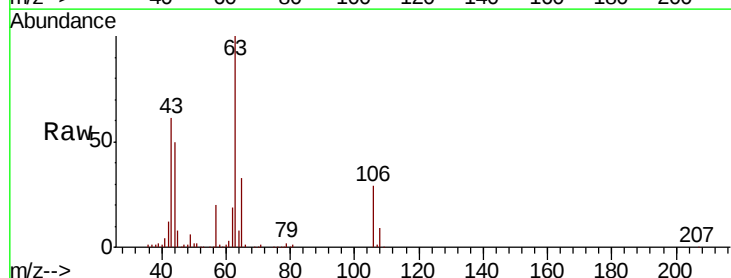
Instrument :  
 MSVOA\_N  
 ClientSampled :

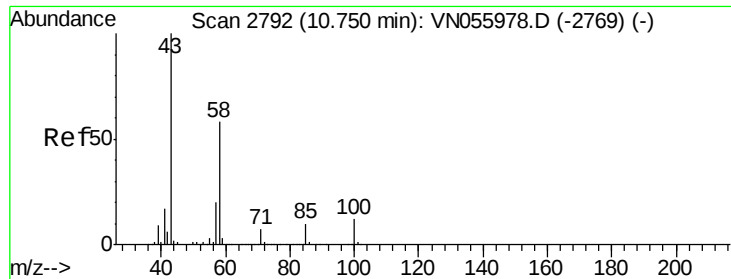
Tot Ion: 76 Resp: 272739  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 25.8 38.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 231.703 ug/l  
 RT: 9.69 min Scan# 2463  
 Delta R.T. 0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Tgt Ion: 63 Resp: 443703  
 Ion Ratio Lower Upper  
 63 100  
 106 29.3 22.7 34.1

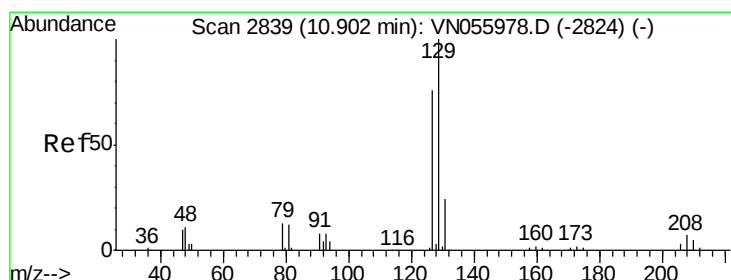
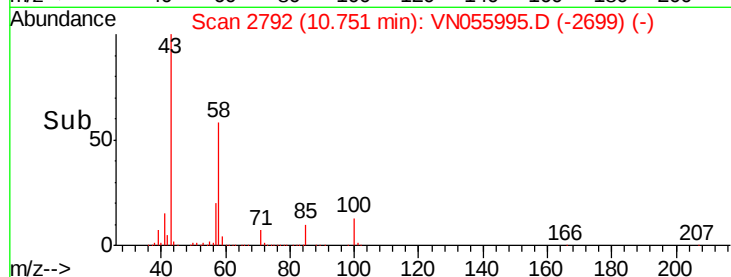
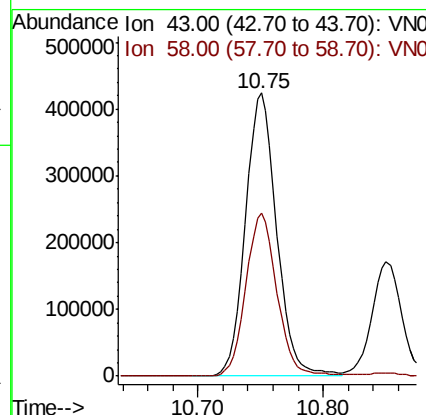
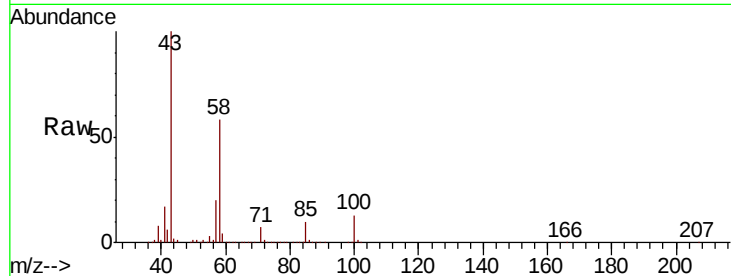




#59  
2-Hexanone  
Concen: 252.800 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

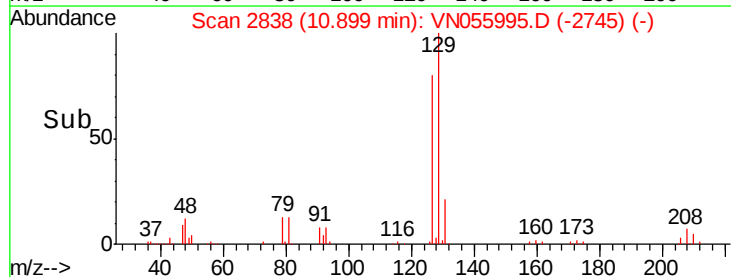
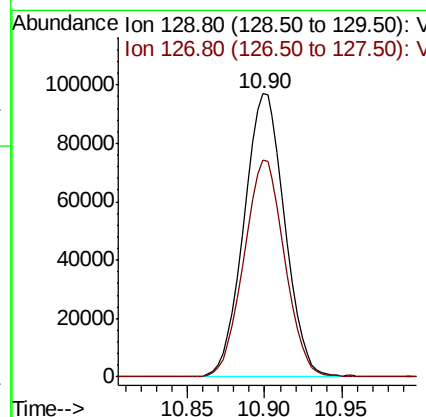
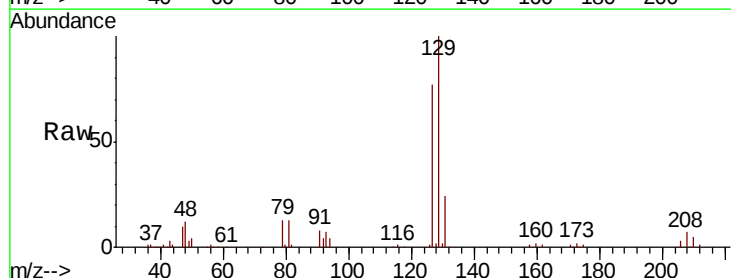
Instrument :  
MSVOA\_N  
ClientSampleId :

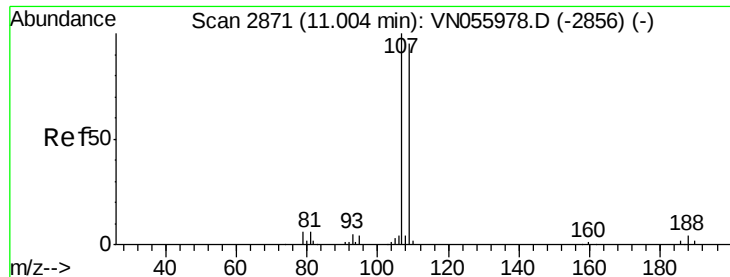
Tot Ion: 43 Resp: 734232  
Ion Ratio Lower Upper  
43 100  
58 57.4 28.2 84.7



#60  
Dibromochloromethane  
Concen: 48.552 ug/l  
RT: 10.90 min Scan# 2838  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion: 129 Resp: 177896  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 52.205 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

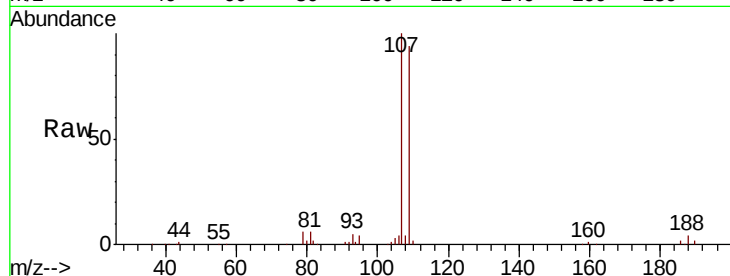
ClientSampled :

Tot Ion:107 Resp: 177573

Ion Ratio Lower Upper

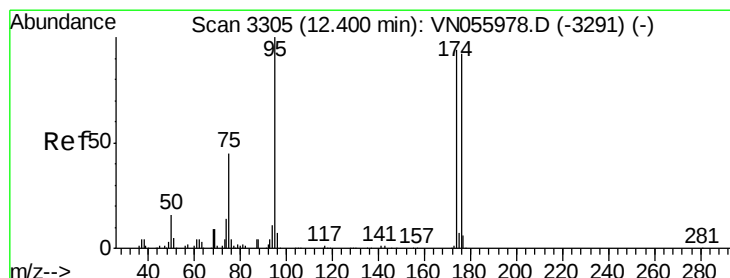
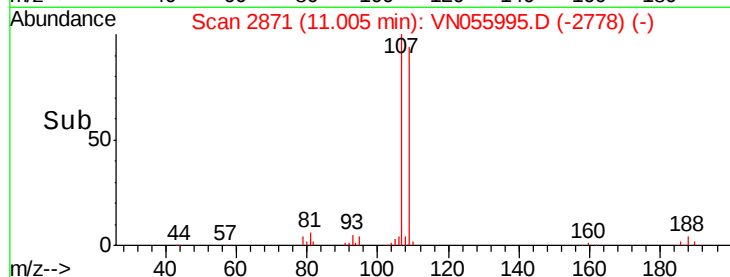
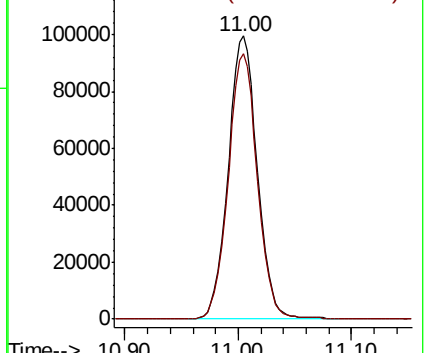
107 100

109 94.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.774 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

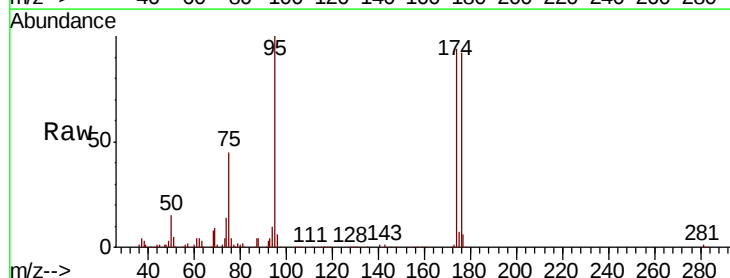
Tgt Ion: 95 Resp: 214855

Ion Ratio Lower Upper

95 100

174 94.4 0.0 191.0

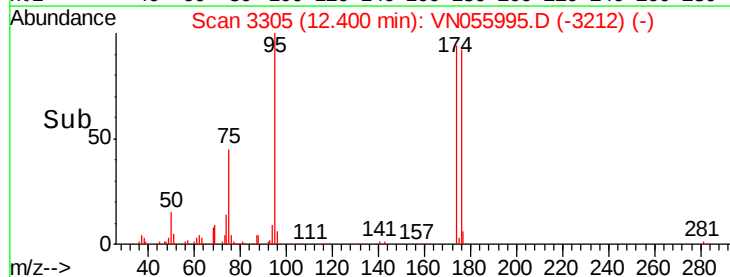
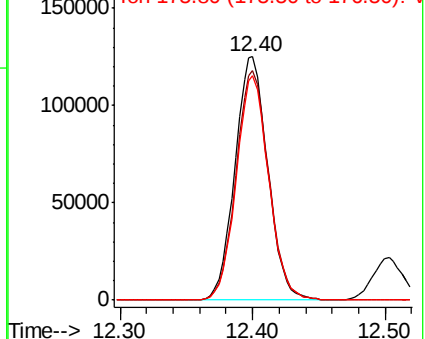
176 91.3 0.0 185.2

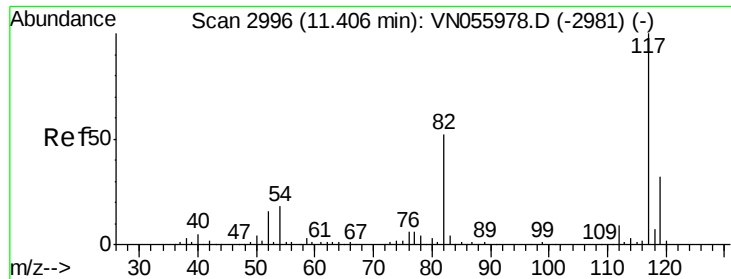


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

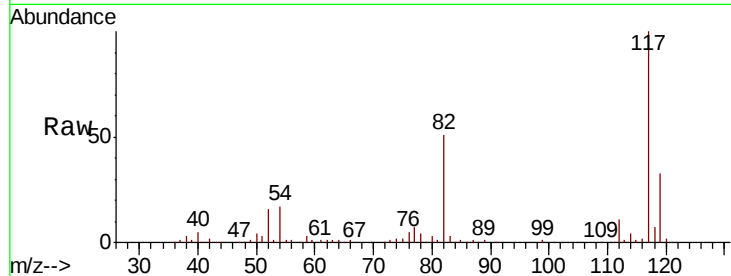




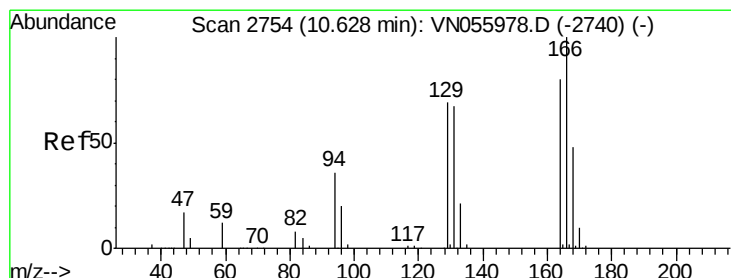
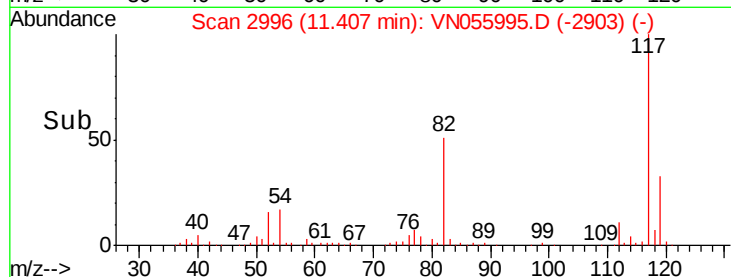
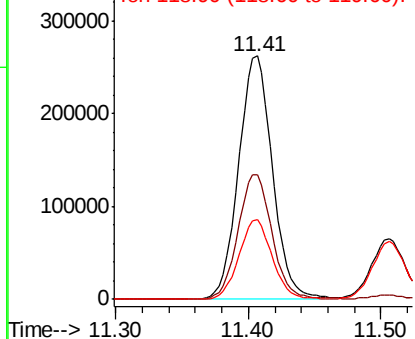
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 466389  
Ion Ratio Lower Upper  
117 100  
82 50.9 41.8 62.8  
119 32.6 25.4 38.0

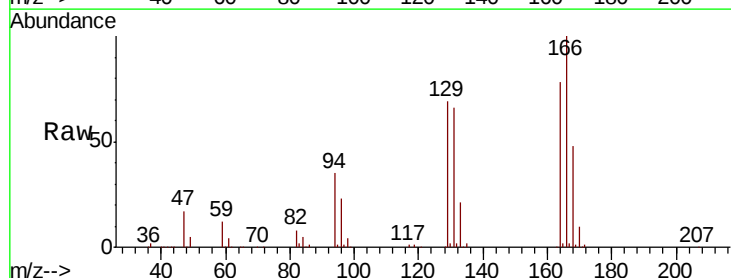


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

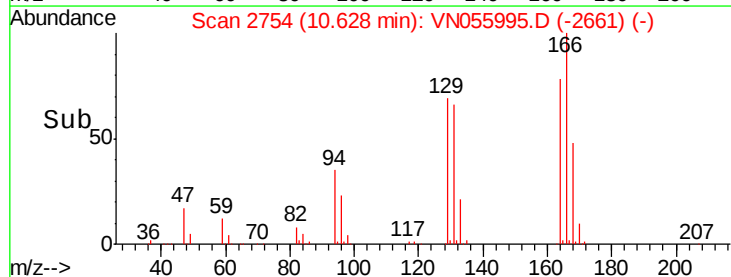
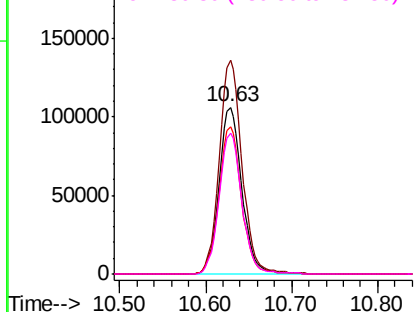


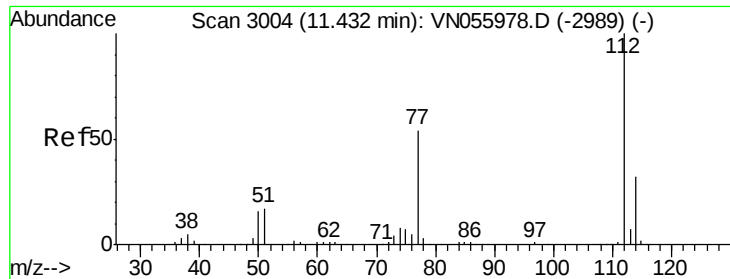
#64  
Tetrachloroethene  
Concen: 48.603 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion:164 Resp: 196217  
Ion Ratio Lower Upper  
164 100  
166 128.3 103.0 154.6  
129 88.7 70.6 105.8  
131 84.8 68.6 102.8



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

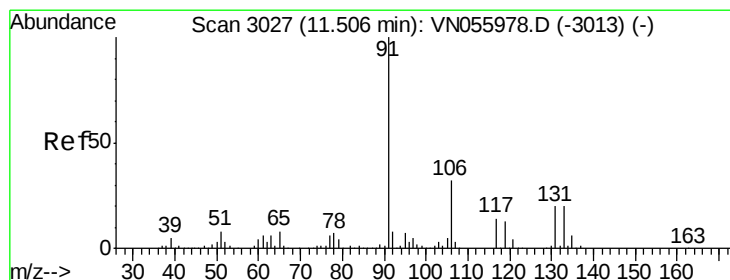
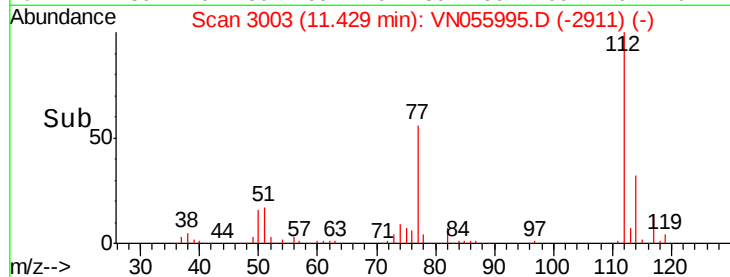
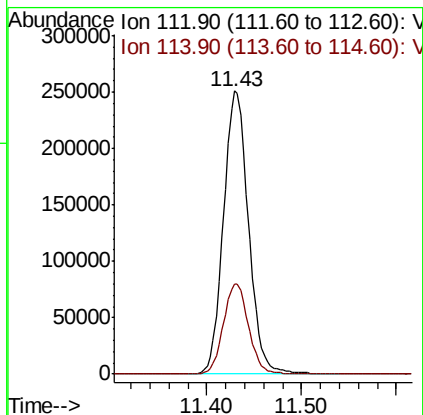
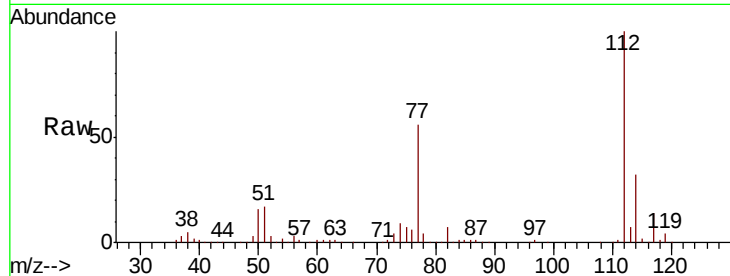




#65  
Chlorobenzene  
Concen: 49.710 ug/l  
RT: 11.43 min Scan# 3003  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

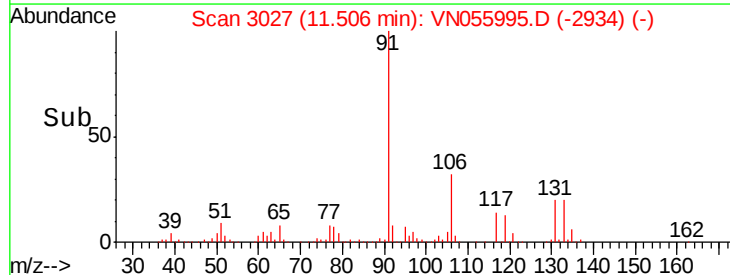
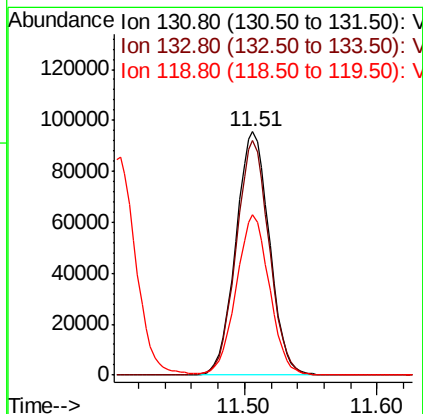
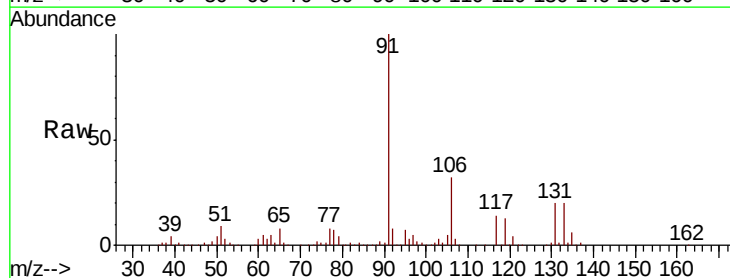
Instrument :  
MSVOA\_N  
ClientSampleId :

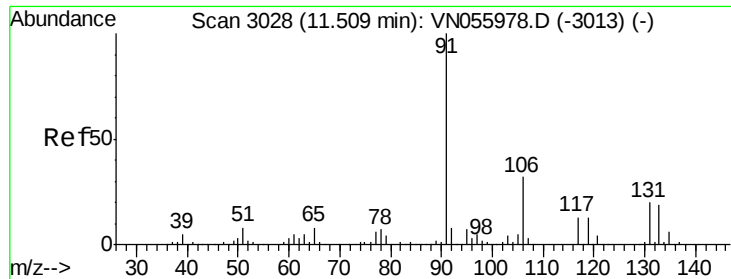
Tot Ion:112 Resp: 461412  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.2 39.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.332 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion:131 Resp: 167724  
Ion Ratio Lower Upper  
131 100  
133 95.0 48.0 144.0  
119 65.4 33.1 99.5

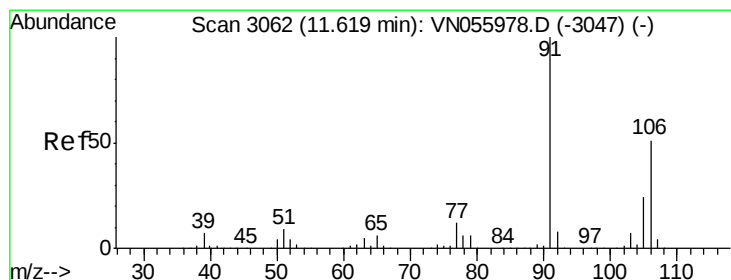
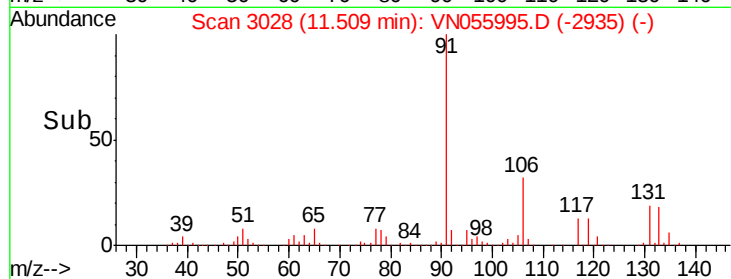
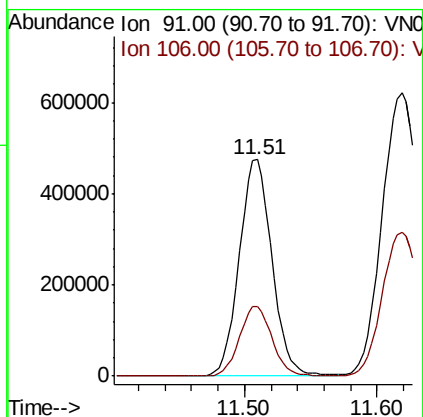
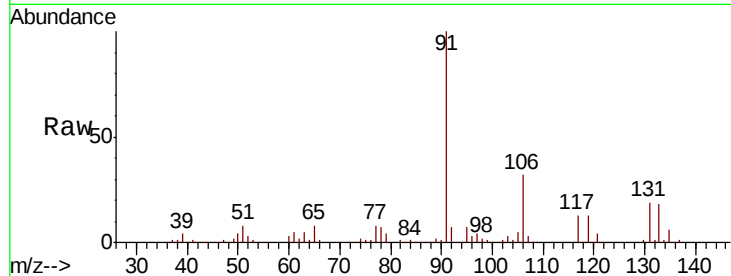




#67  
Ethyl Benzene  
Concen: 50.484 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

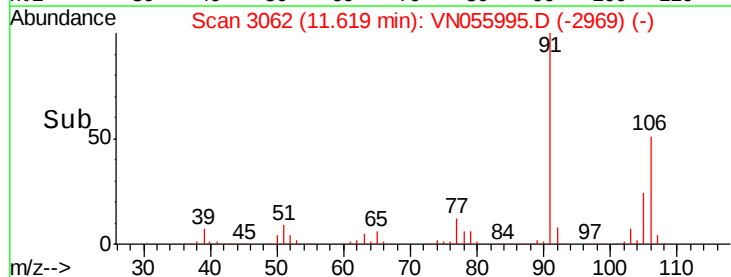
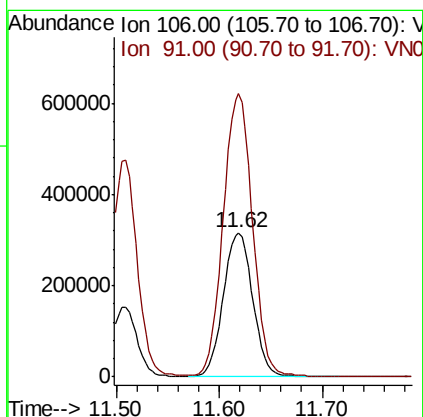
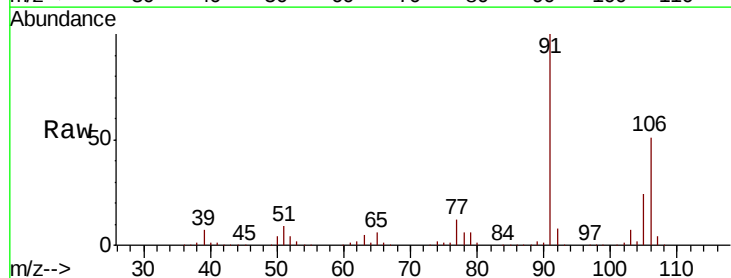
Instrument :  
MSVOA\_N  
ClientSampleId :

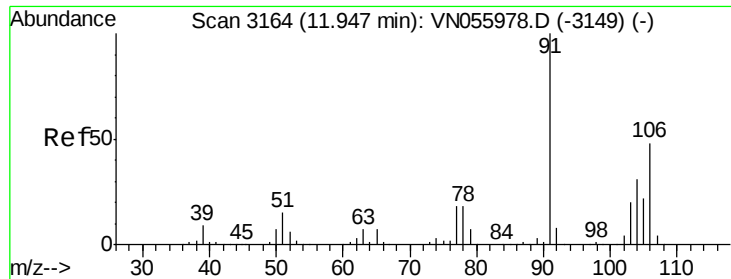
Tot Ion: 91 Resp: 814818  
Ion Ratio Lower Upper  
91 100  
106 32.3 25.1 37.7



#68  
m/p-Xylenes  
Concen: 102.128 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion: 106 Resp: 629686  
Ion Ratio Lower Upper  
106 100  
91 196.0 159.3 238.9

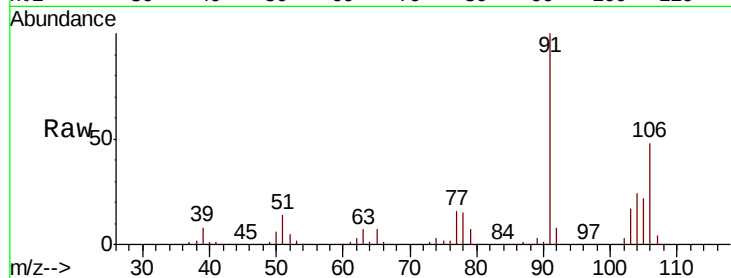




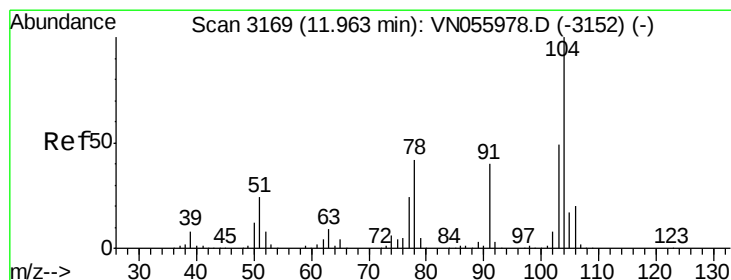
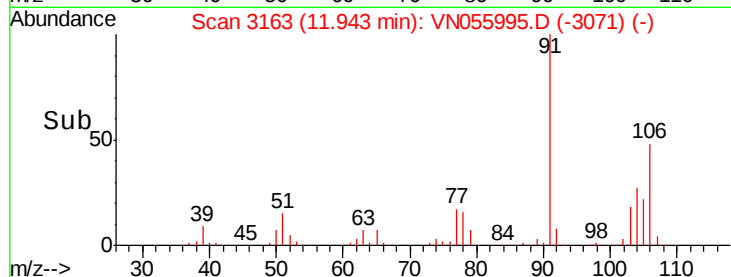
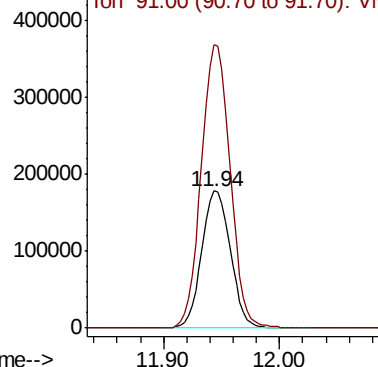
#69  
o-Xylene  
Concen: 50.467 ug/l  
RT: 11.94 min Scan# 3163  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:106 Resp: 306077  
Ion Ratio Lower Upper  
106 100  
91 207.8 104.7 314.1

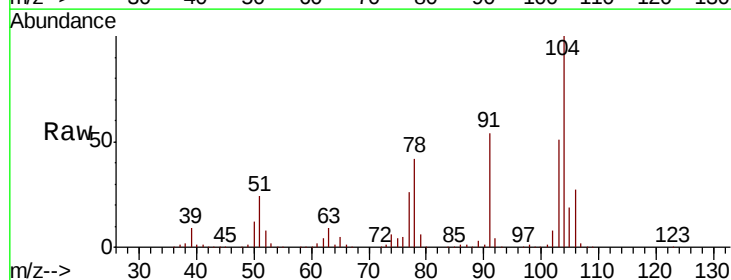


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

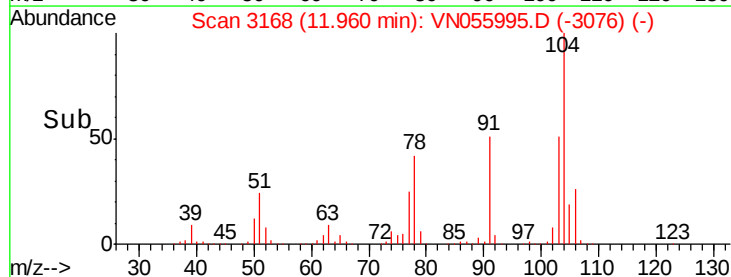
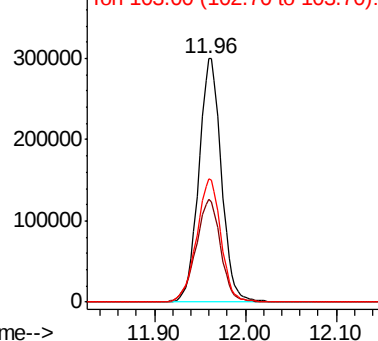


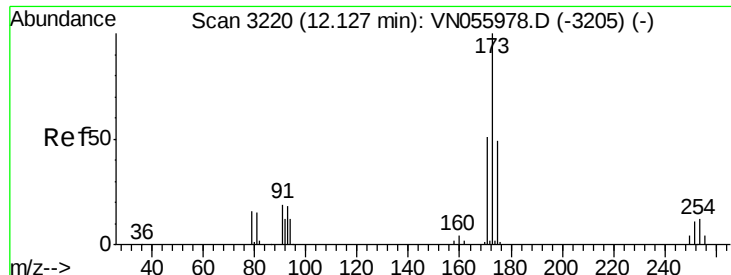
#70  
Styrene  
Concen: 53.524 ug/l  
RT: 11.96 min Scan# 3168  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion:104 Resp: 515777  
Ion Ratio Lower Upper  
104 100  
78 46.3 37.8 56.6  
103 54.7 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VN  
Ion 103.00 (102.70 to 103.70): V

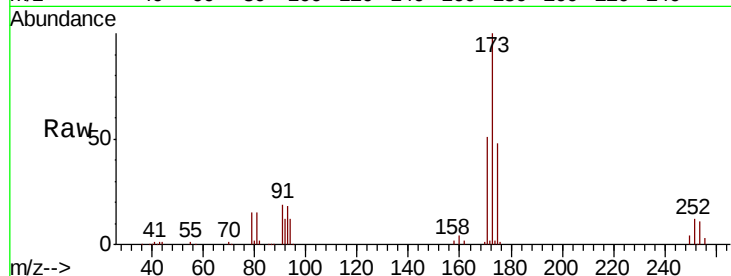




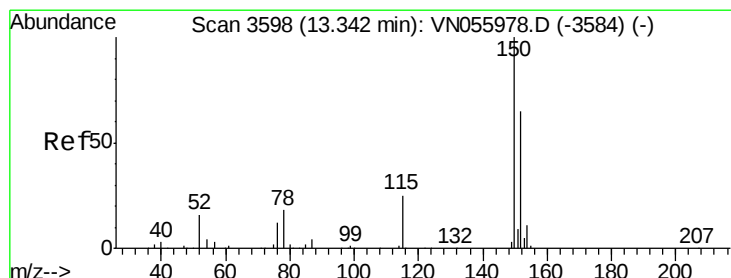
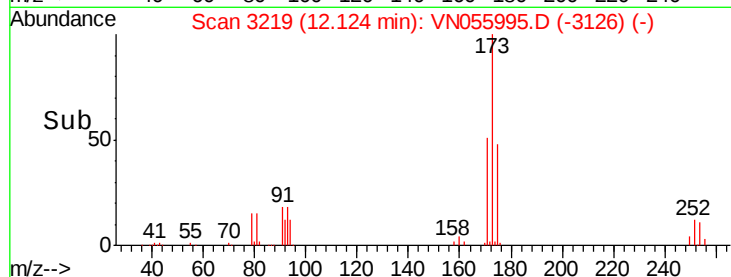
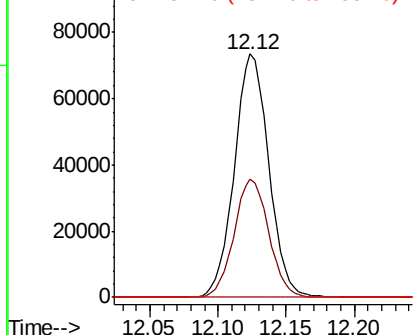
#71  
Bromoform  
Concen: 47.974 ug/l  
RT: 12.12 min Scan# 3219  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Instrument :  
MSVOA\_N  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.8  | 24.3  | 72.8  |
| 254     | 0.0   | 0.0   | 0.0   |

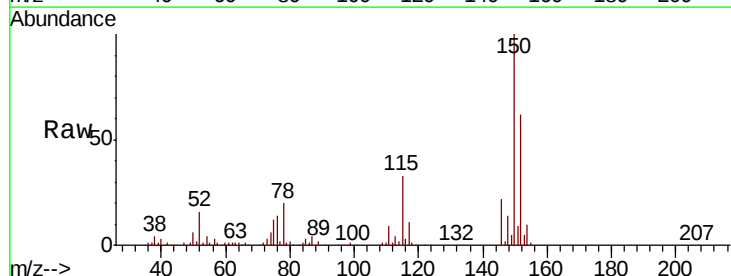


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

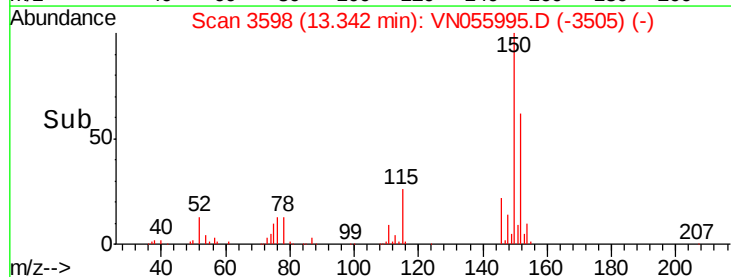
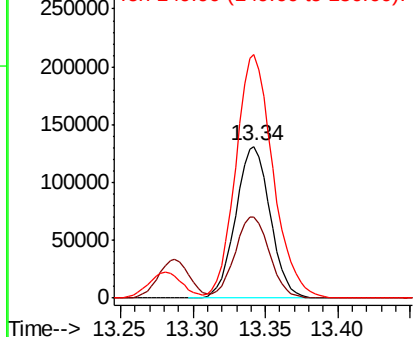


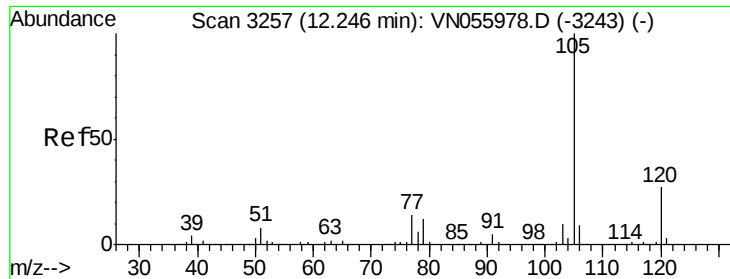
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.1  | 27.0  | 81.0  |
| 150     | 173.7 | 0.0   | 343.2 |



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: 52.538 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

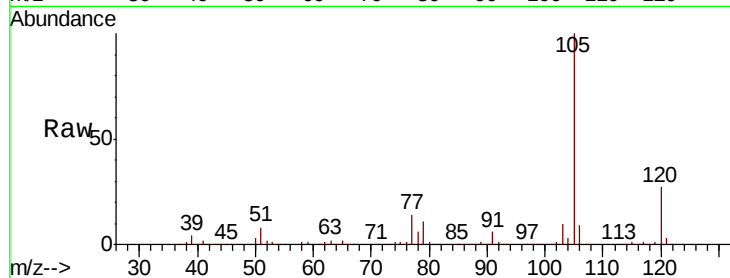
ClientSampled :

Tot Ion:105 Resp: 809255

Ion Ratio Lower Upper

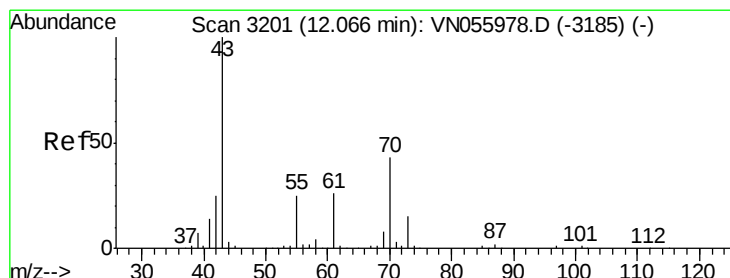
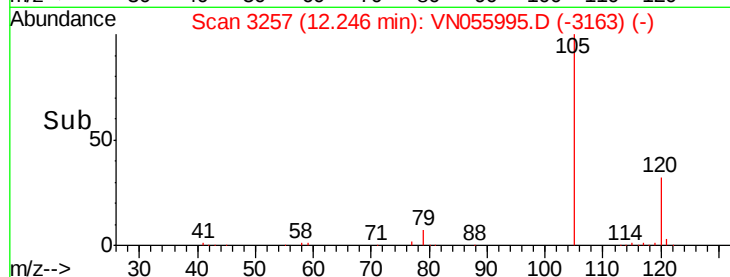
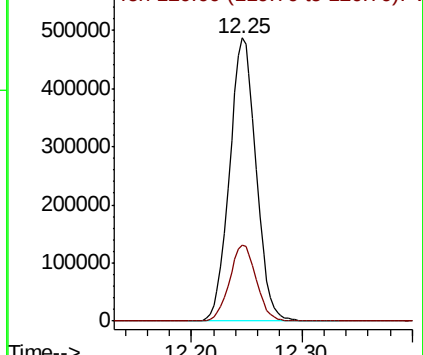
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.971 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Tgt Ion: 43 Resp: 276979

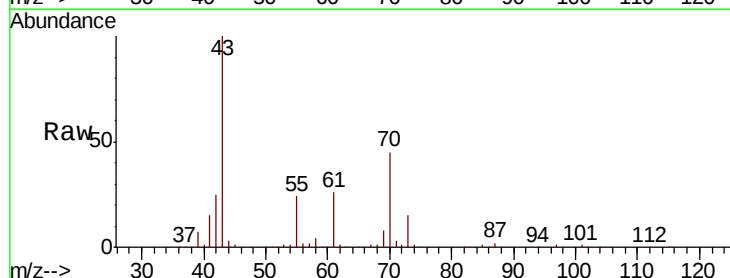
Ion Ratio Lower Upper

43 100

70 44.6 34.0 51.0

55 24.7 18.6 28.0

61 26.2 20.0 30.0

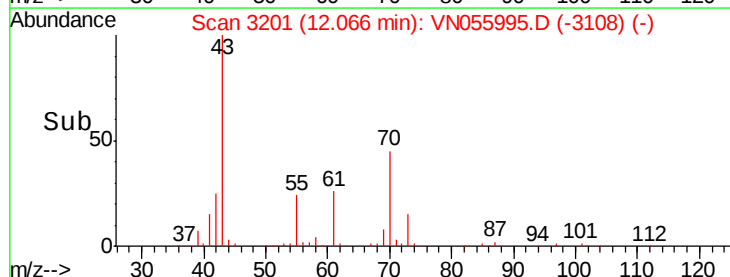
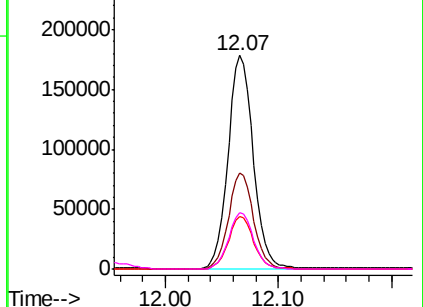


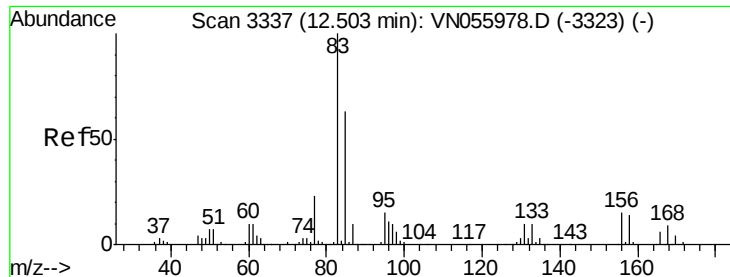
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.074 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

ClientSampleId :

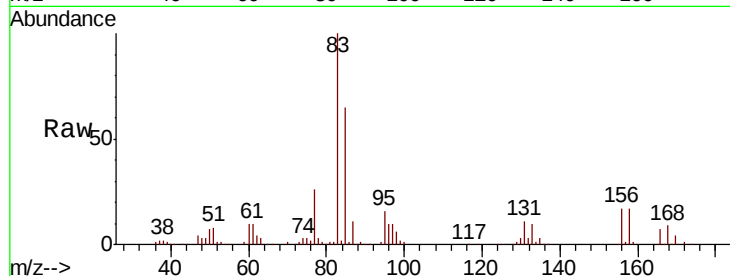
Tot Ion: 83 Resp: 231672

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

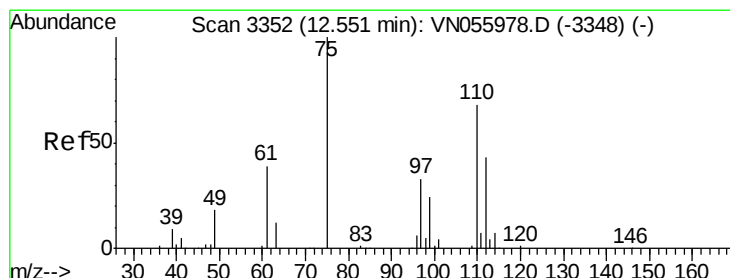
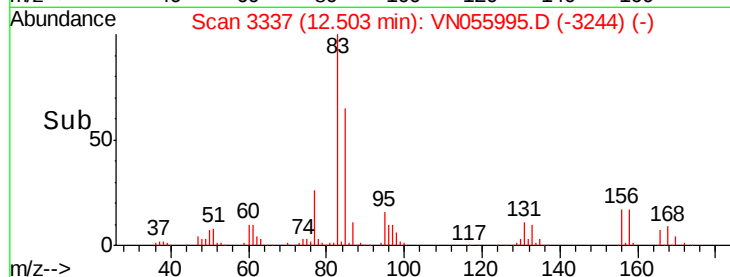
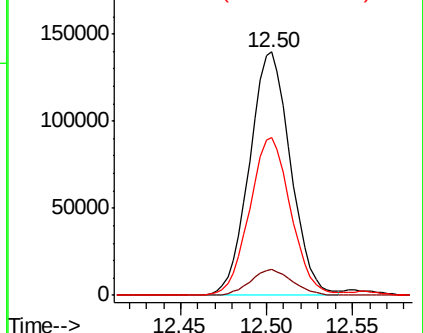
85 64.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055995.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN055995.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN055995.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 69.698 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN055995.D

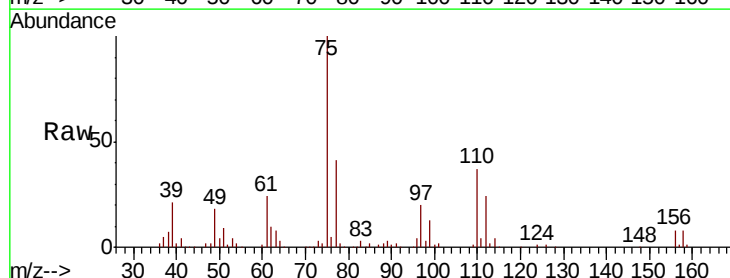
Acq: 5 Jun 2019 8:59

Tgt Ion: 75 Resp: 277786

Ion Ratio Lower Upper

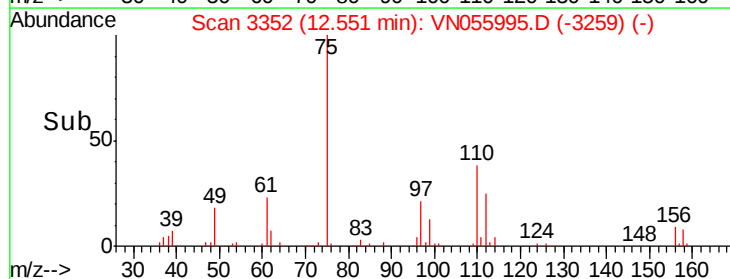
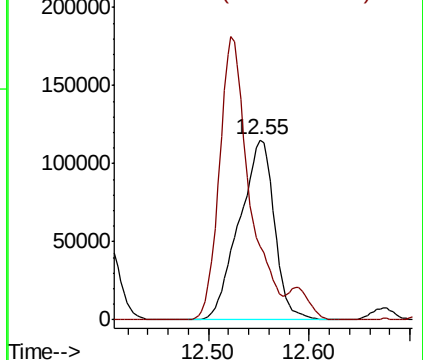
75 100

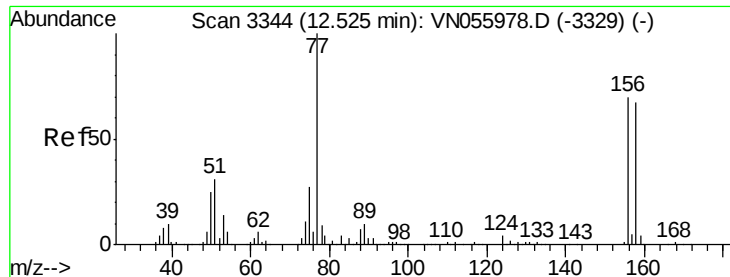
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055995.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN055995.D (-3259) (-)

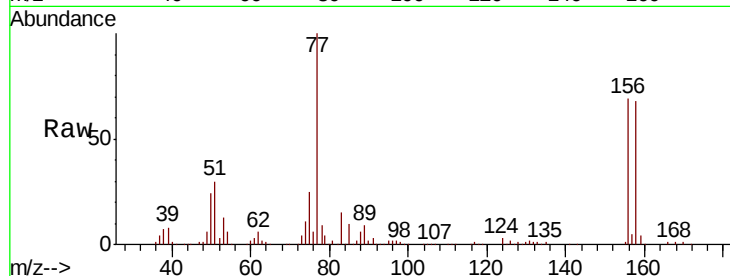




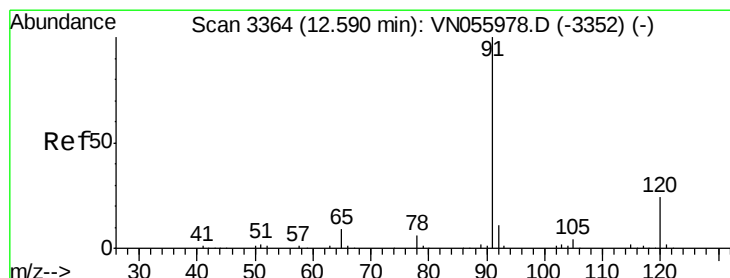
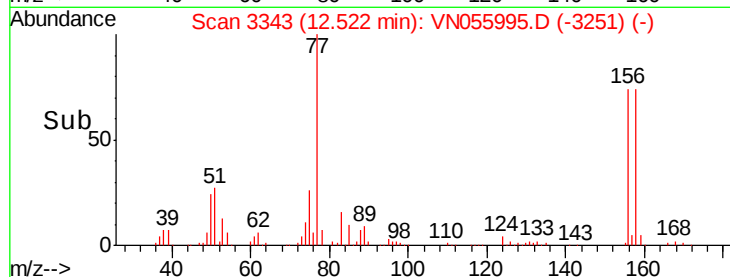
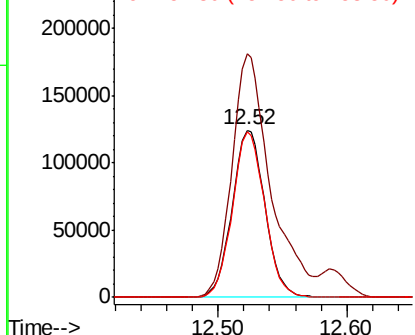
#77  
Bromobenzene  
Concen: 47.294 ug/l  
RT: 12.52 min Scan# 3343  
Delta R.T. -0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:156 Resp: 219320  
Ion Ratio Lower Upper  
156 100  
77 172.1 90.8 272.5  
158 97.8 49.3 147.8

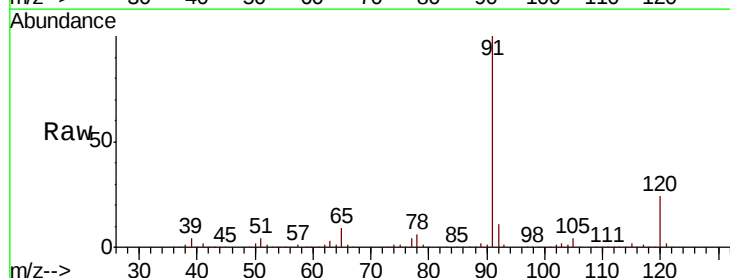


Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VN  
Ion 157.80 (157.50 to 158.50): V

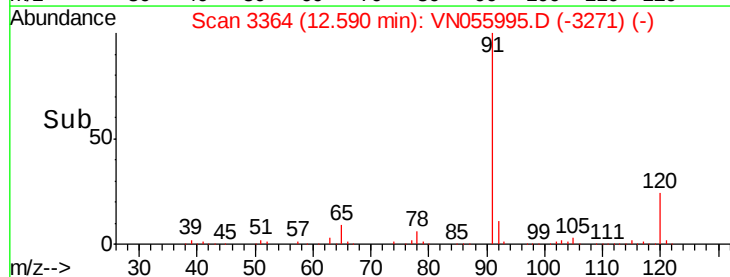
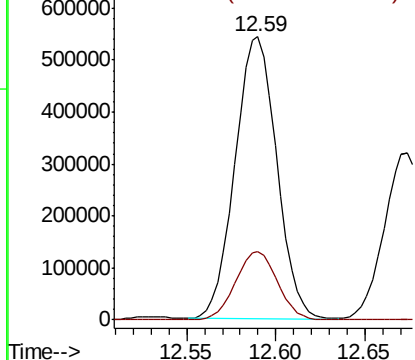


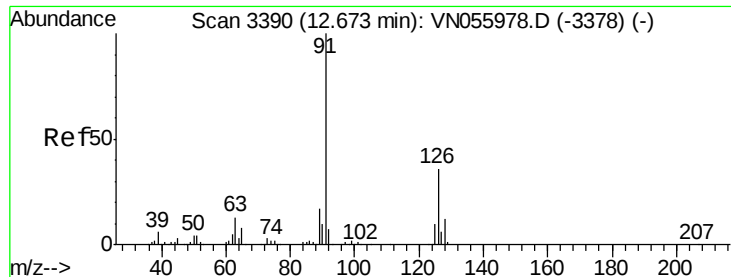
#78  
n-propylbenzene  
Concen: 48.138 ug/l  
RT: 12.59 min Scan# 3364  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion: 91 Resp: 882096  
Ion Ratio Lower Upper  
91 100  
120 24.4 12.0 36.0



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





#79

2-Chlorotoluene

Concen: 52.243 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

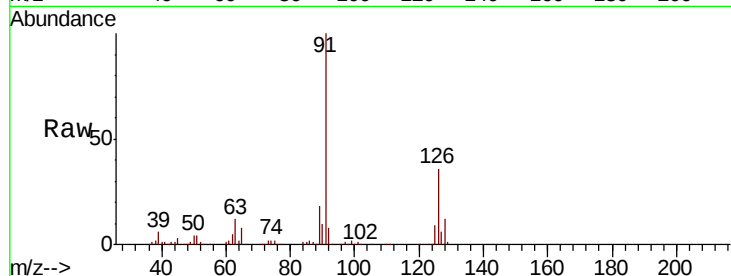
ClientSampled :

Tot Ion: 91 Resp: 529936

Ion Ratio Lower Upper

91 100

126 36.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3378) (-)

12.67

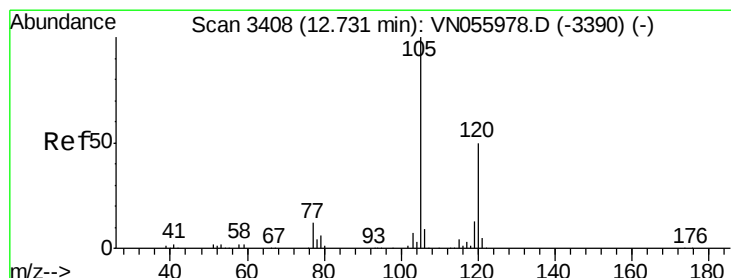
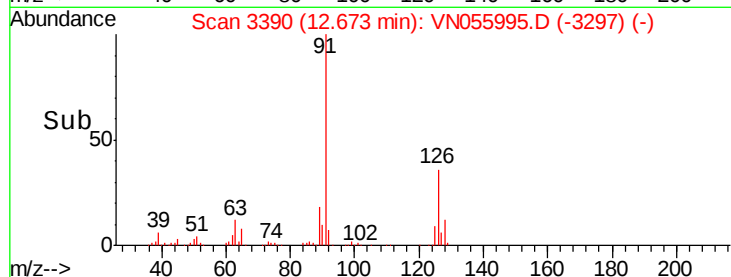
300000

200000

100000

0

Time--> 12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 46.734 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055995.D

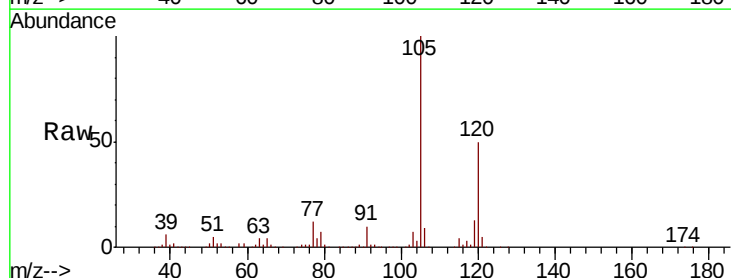
Acq: 5 Jun 2019 8:59

Tgt Ion: 105 Resp: 680611

Ion Ratio Lower Upper

105 100

120 50.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055978.D (-3390) (-)

12.73

500000

400000

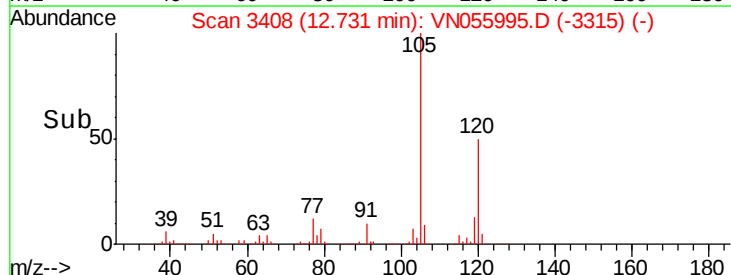
300000

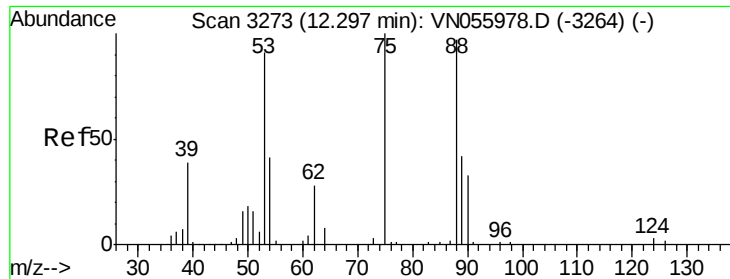
200000

100000

0

Time--> 12.70 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 53.348 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

ClientSampleId :

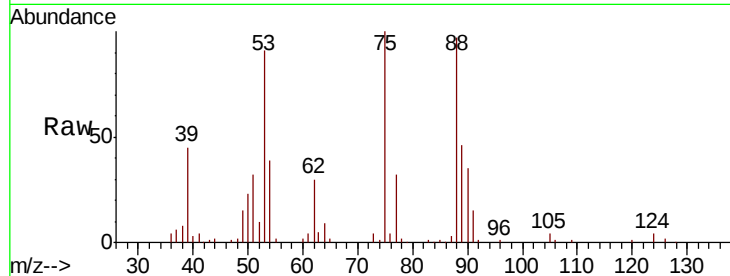
Tot Ion: 75 Resp: 63847

Ion Ratio Lower Upper

75 100

53 91.2 68.1 102.1

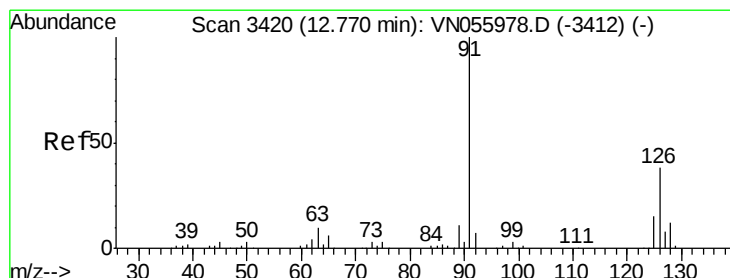
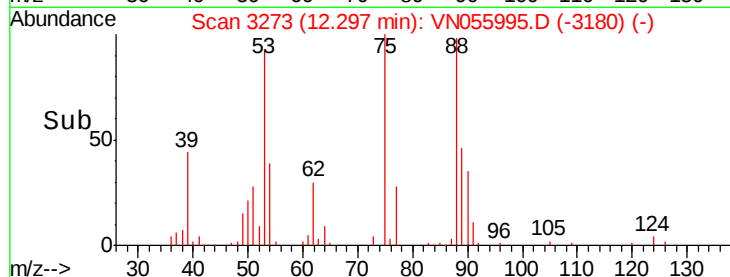
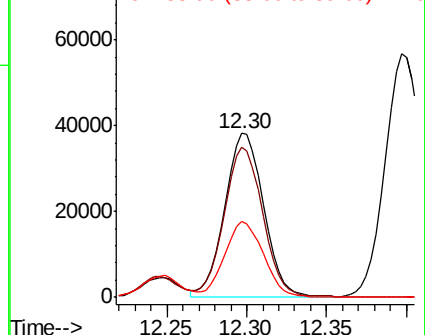
89 46.1 36.9 55.3



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: 49.239 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN055995.D

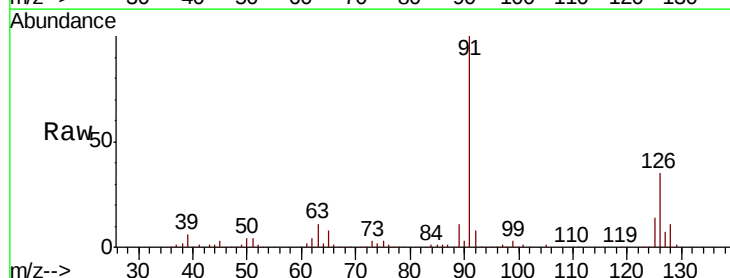
Acq: 5 Jun 2019 8:59

Tgt Ion: 91 Resp: 527873

Ion Ratio Lower Upper

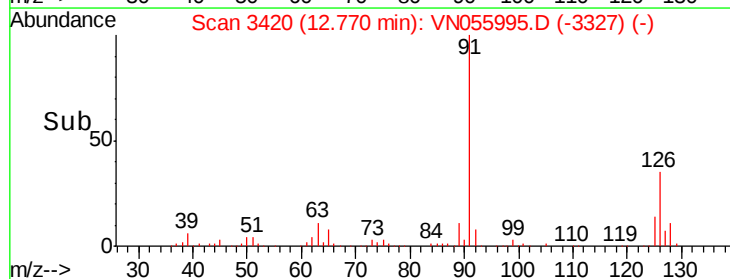
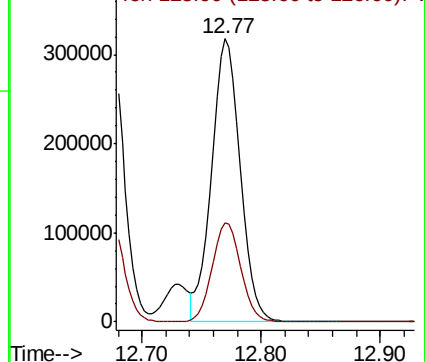
91 100

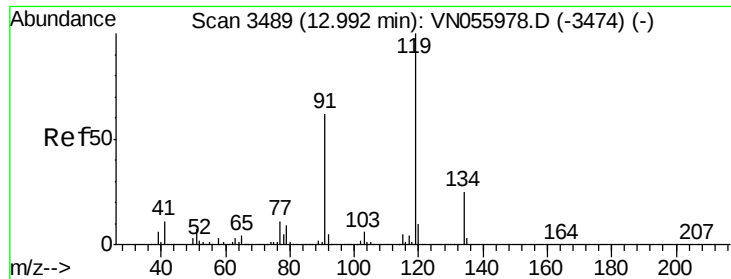
126 35.2 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

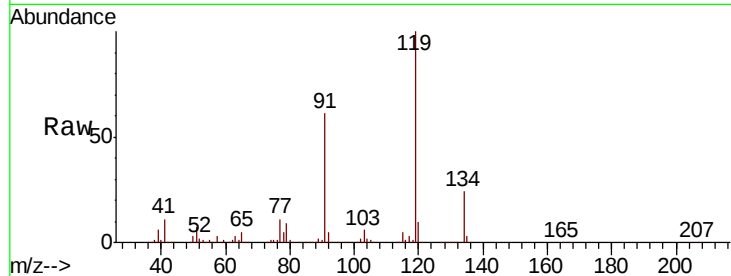




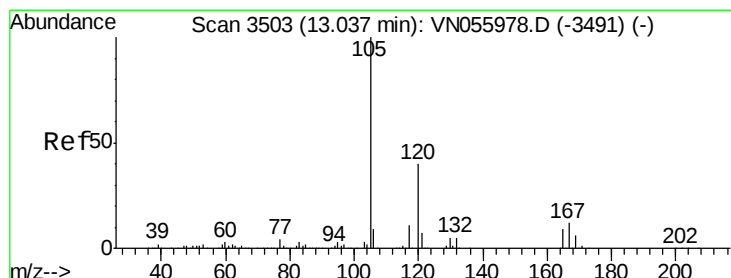
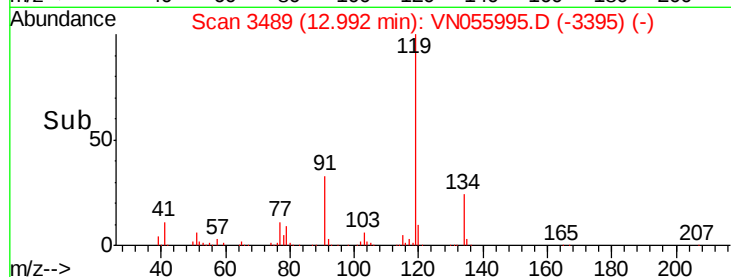
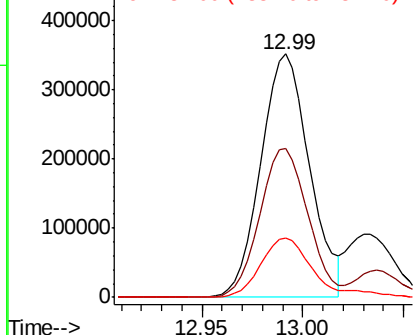
#83  
 tert-Butylbenzene  
 Concen: 52.488 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:119 Resp: 591560  
 Ion Ratio Lower Upper  
 119 100  
 91 60.9 30.9 92.8  
 134 26.3 13.3 39.8

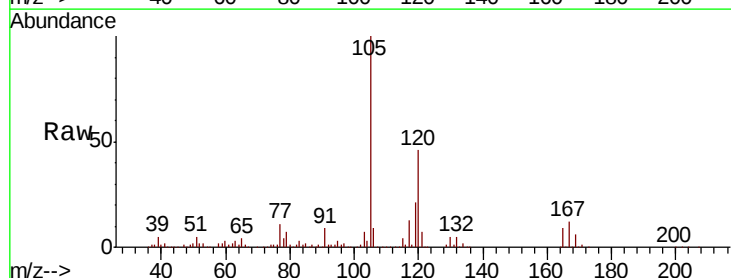


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

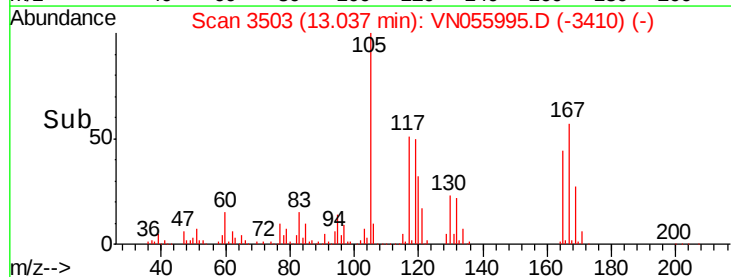
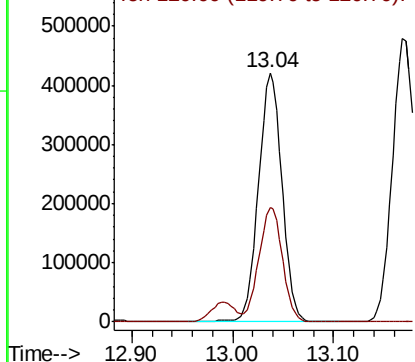


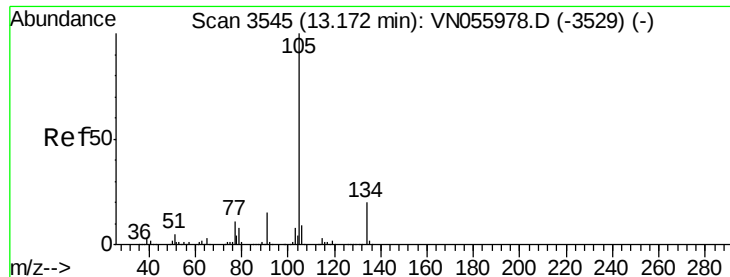
#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.004 ug/l  
 RT: 13.04 min Scan# 3503  
 Delta R.T. 0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Tgt Ion:105 Resp: 676777  
 Ion Ratio Lower Upper  
 105 100  
 120 46.4 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 47.552 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

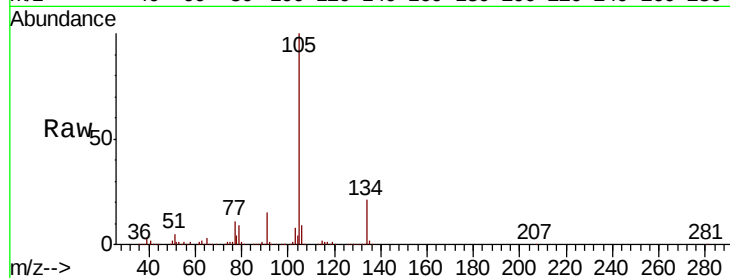
ClientSampled :

Tot Ion:105 Resp: 771665

Ion Ratio Lower Upper

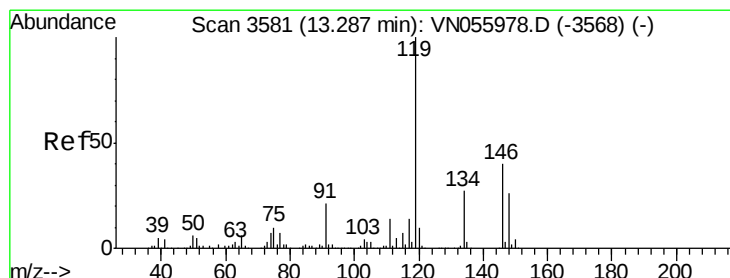
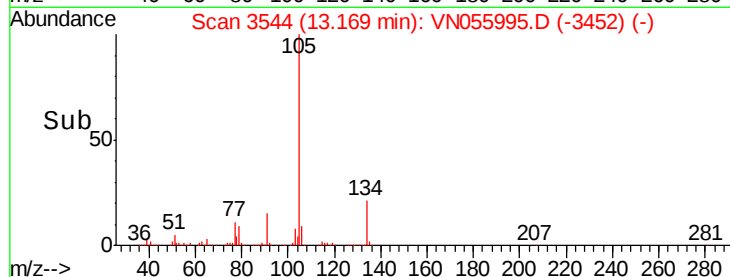
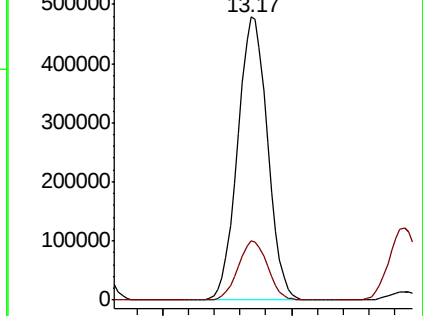
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.084 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

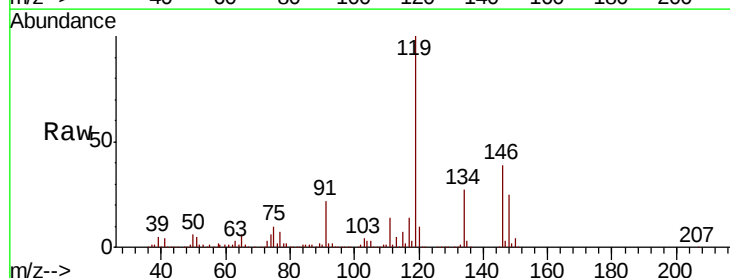
Tgt Ion:119 Resp: 712873

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

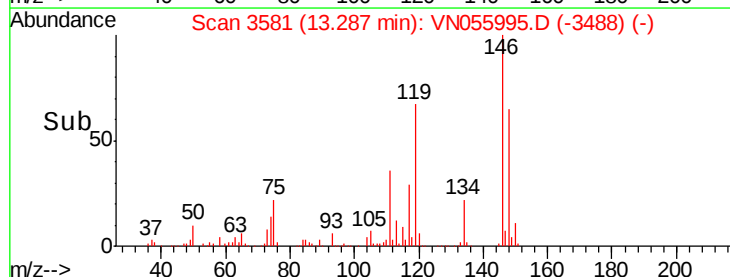
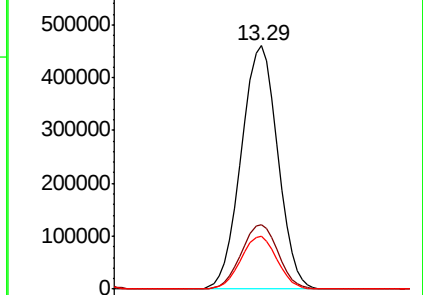
91 21.6 10.9 32.9

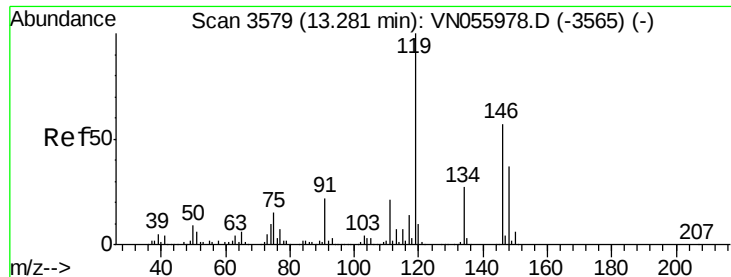


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.212 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

ClientSampleId :

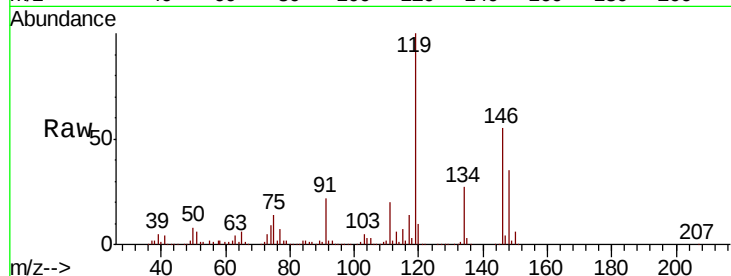
Tot Ion:146 Resp: 360389

Ion Ratio Lower Upper

146 100

111 36.7 18.5 55.5

148 64.4 32.0 96.2

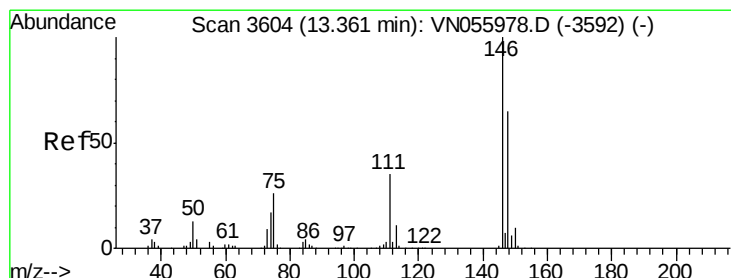
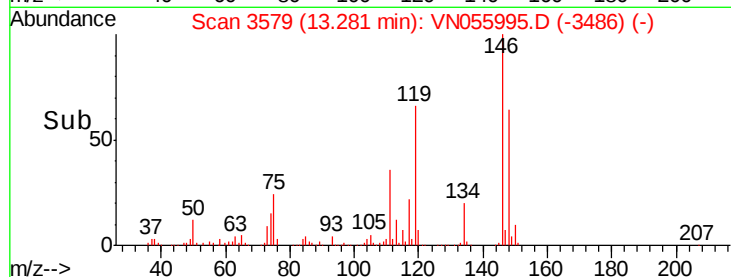
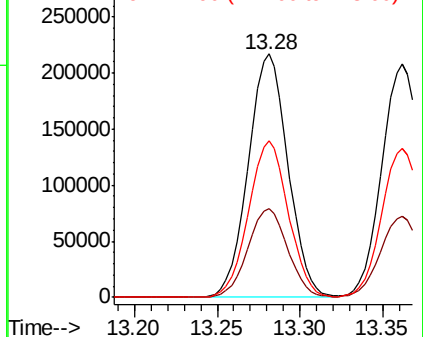


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.341 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

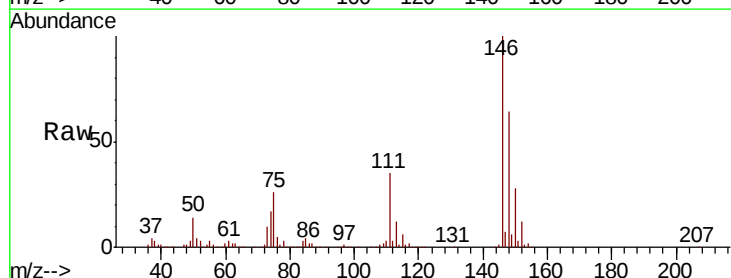
Tgt Ion:146 Resp: 347571

Ion Ratio Lower Upper

146 100

111 35.7 18.1 54.4

148 64.3 32.1 96.5

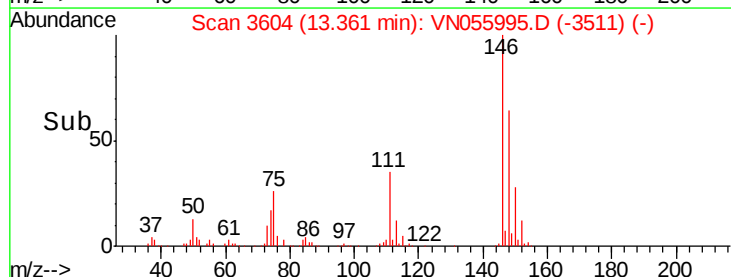
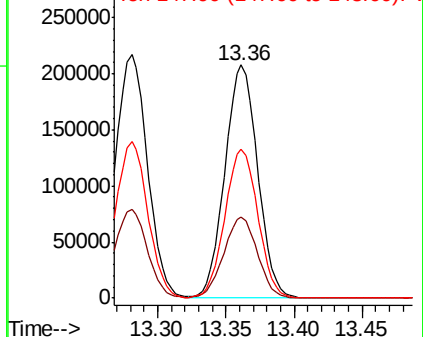


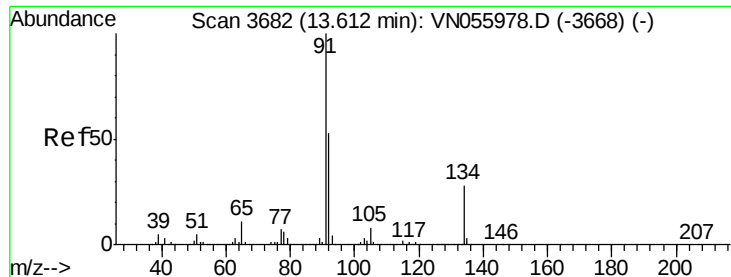
Abundance

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

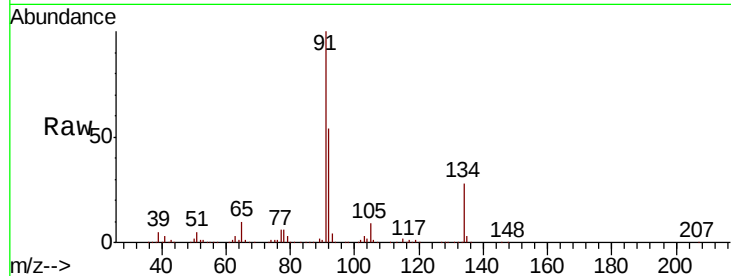




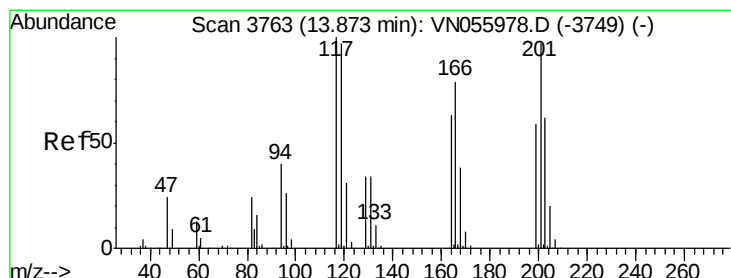
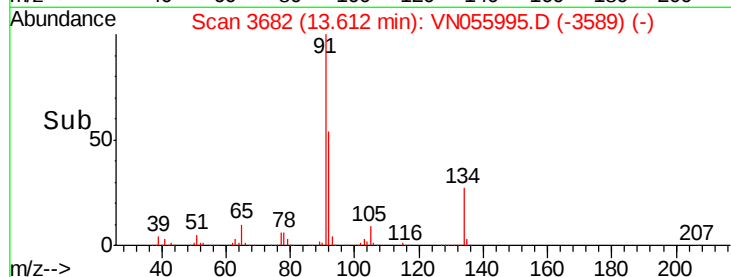
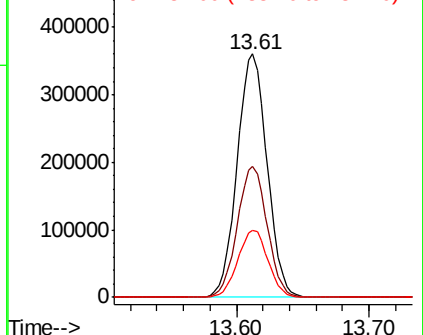
#89  
n-Butylbenzene  
Concen: 52.392 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 91 Resp: 563672  
Ion Ratio Lower Upper  
91 100  
92 53.6 26.4 79.0  
134 27.9 13.9 41.7

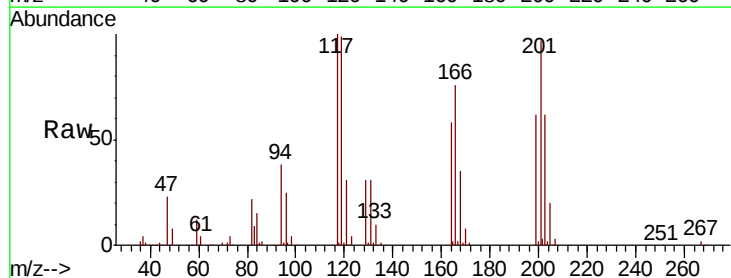


Abundance Ion 91.00 (90.70 to 91.70): VN0  
Ion 92.00 (91.70 to 92.70): VN0  
Ion 134.00 (133.70 to 134.70): VN0

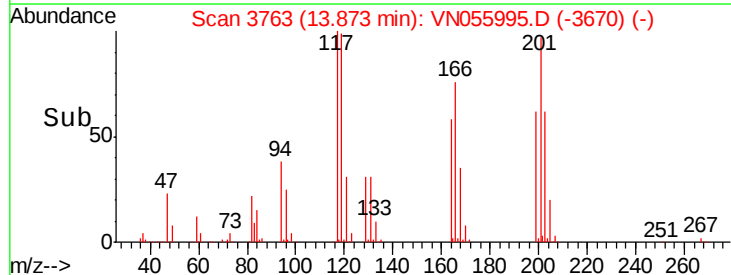
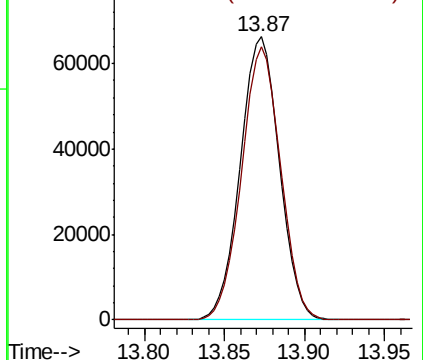


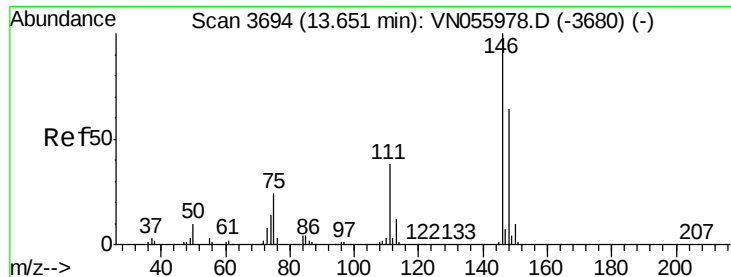
#90  
Hexachloroethane  
Concen: 50.446 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN055995.D  
Acq: 5 Jun 2019 8:59

Tgt Ion: 117 Resp: 110489  
Ion Ratio Lower Upper  
117 100  
201 96.0 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 200.70 (200.40 to 201.40): V

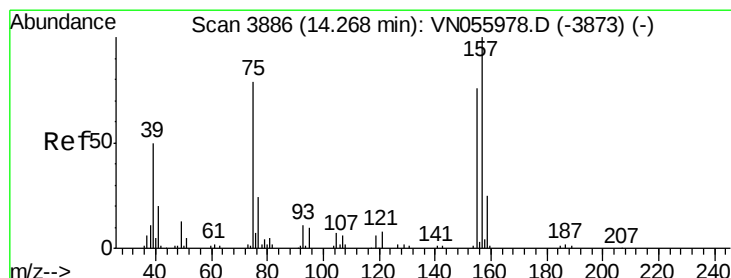
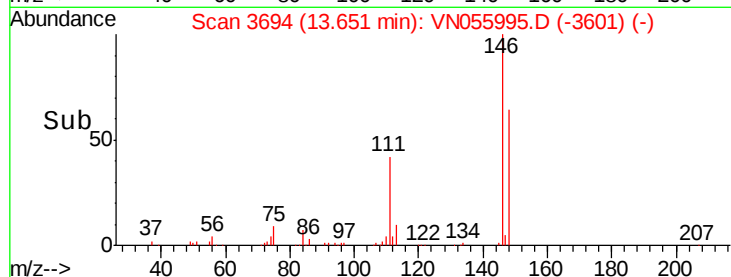
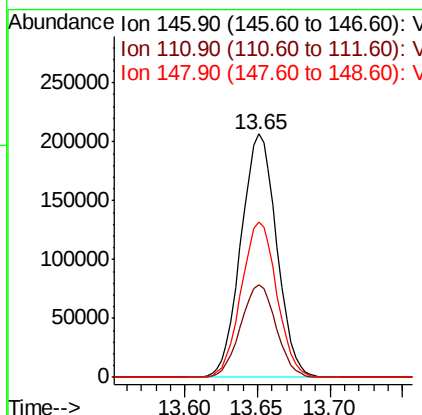
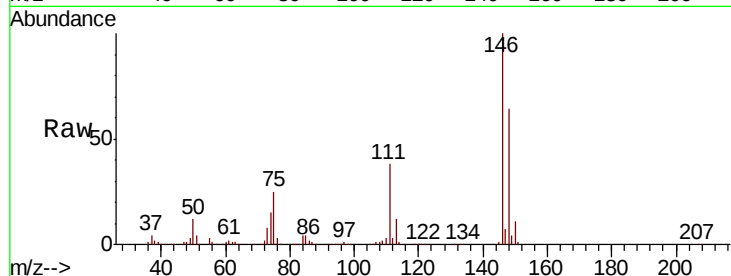




#91  
 1,2-Dichlorobenzene  
 Concen: 48.818 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. 0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

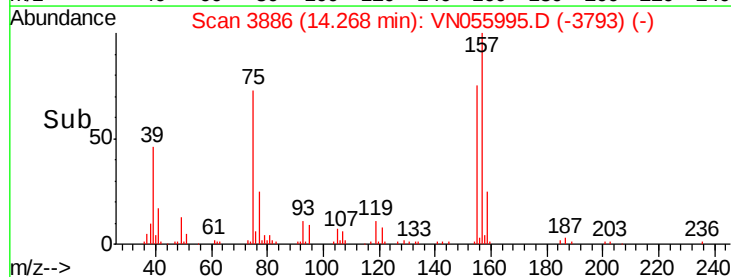
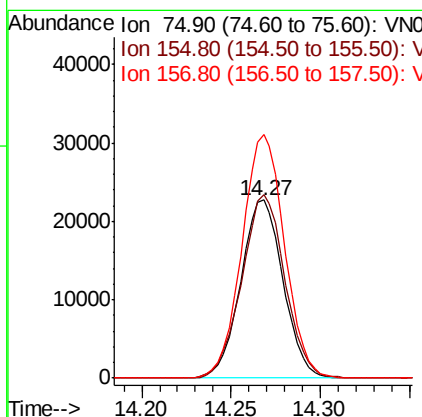
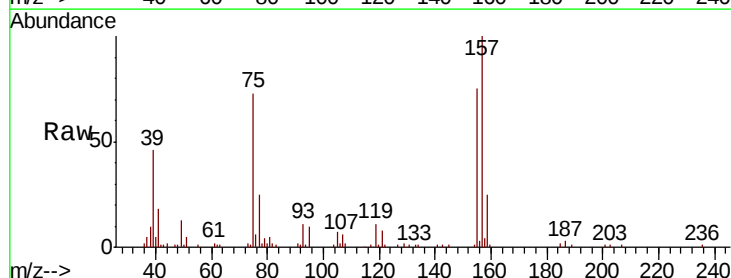
Instrument :  
 MSVOA\_N  
 ClientSampled :

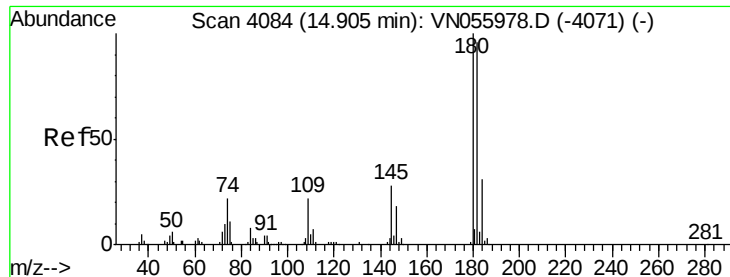
Tot Ion:146 Resp: 353749  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 19.1 57.5  
 148 63.6 31.9 95.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 52.210 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. 0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Tgt Ion: 75 Resp: 37549  
 Ion Ratio Lower Upper  
 75 100  
 155 104.9 50.0 150.1  
 157 137.3 64.8 194.3

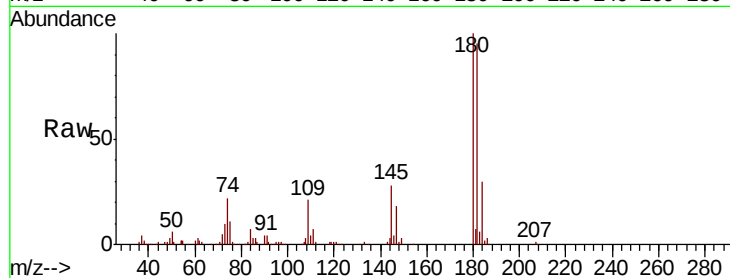




#93  
 1,2,4-Trichlorobenzene  
 Concen: 46.724 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 48.3  | 144.9 |
| 145     | 28.2  | 14.0  | 41.9  |

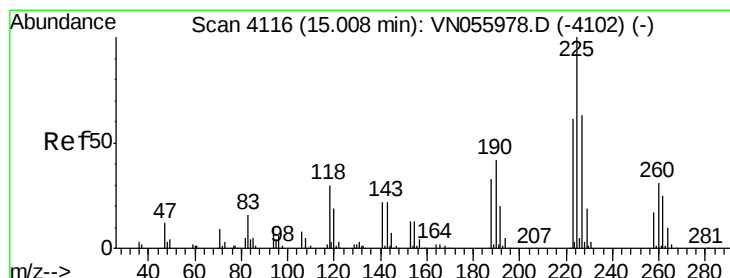
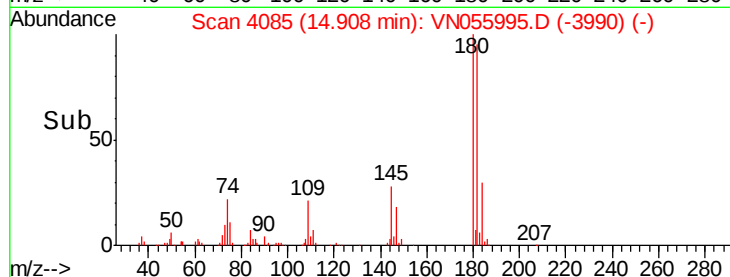
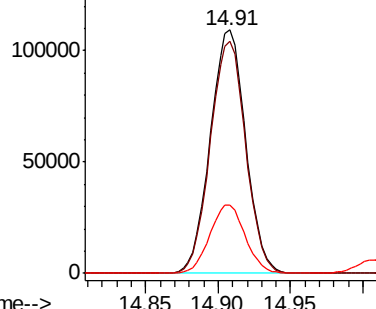


Abundance

Ion 179.80 (179.50 to 180.50): V

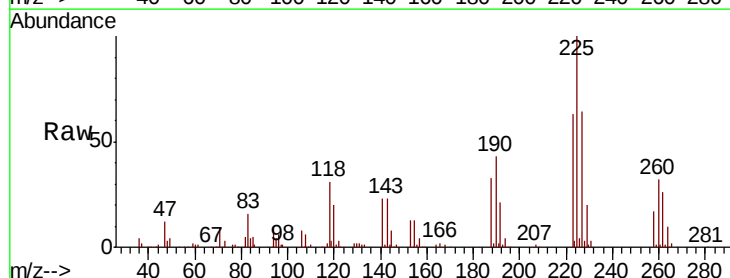
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 53.177 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN055995.D  
 Acq: 5 Jun 2019 8:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 30.9  | 92.7  |
| 227     | 63.1  | 31.6  | 94.7  |

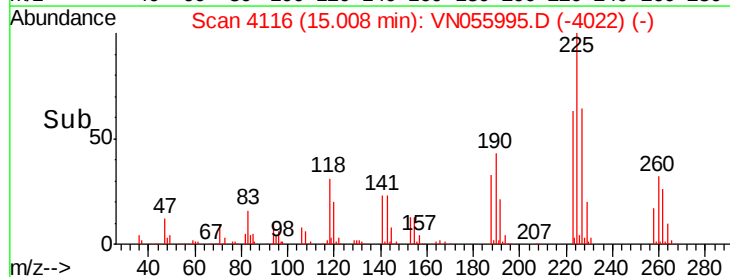
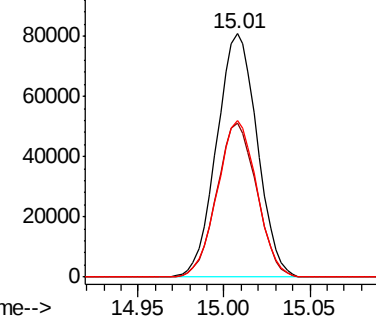


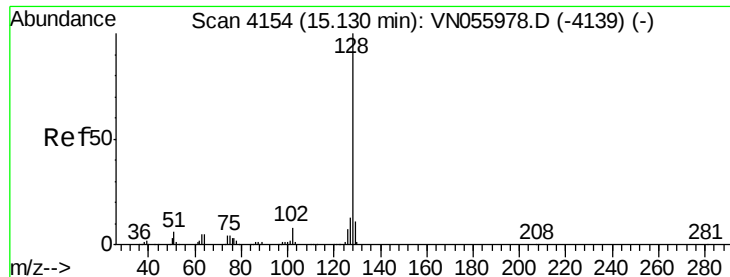
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 45.640 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

Instrument :

MSVOA\_N

ClientSampled :

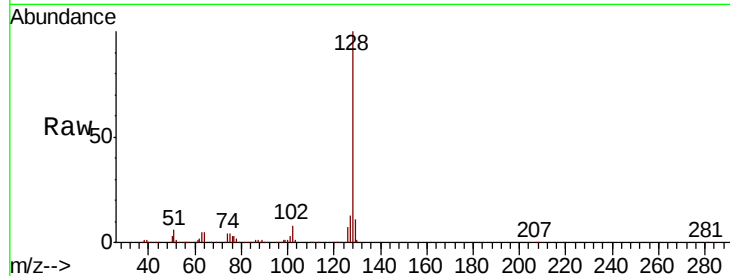
Tot Ion:128 Resp: 469068

Ion Ratio Lower Upper

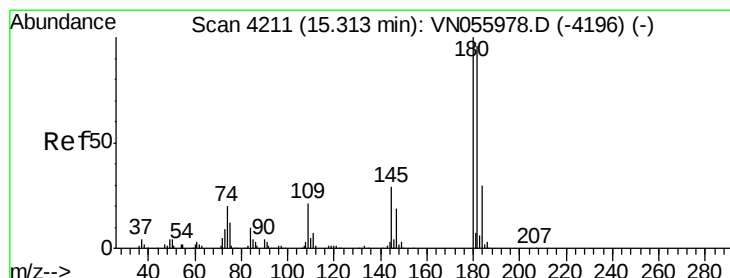
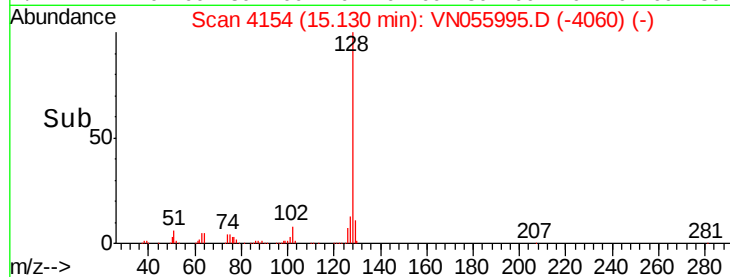
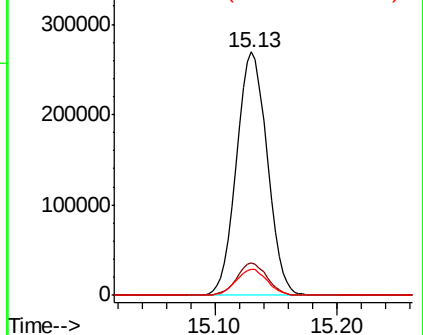
128 100

127 13.1 10.3 15.5

129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 46.902 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055995.D

Acq: 5 Jun 2019 8:59

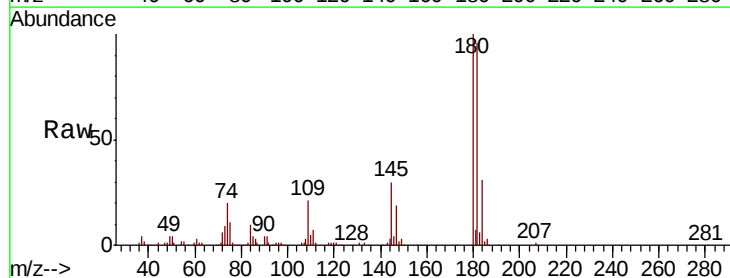
Tgt Ion:180 Resp: 190055

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.7

145 30.1 14.9 44.7



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

