

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111819\  
 Data File : VN059283.D  
 Acq On : 18 Nov 2019 15:00  
 Operator : JC/SP  
 Sample : K5900-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 19 00:46:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 07 04:00:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 516110   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 803793   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 687449   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 477162   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.01   | 65  | 283984   | 44.76 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.52%  |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 208096   | 43.36 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 86.72%  |      |
| 50) Toluene-d8            | 10.08  | 98  | 980085   | 51.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.68% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 339893   | 49.87 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.74%  |      |

## Target Compounds

|                             |       |     |         |          |        | Qvalue |
|-----------------------------|-------|-----|---------|----------|--------|--------|
| 3) Chloromethane            | 2.00  | 50  | 5234    | 0.740    | ug/l # | 66     |
| 8) Diethyl Ether            | 3.39  | 74  | 137905  | 41.404   | ug/l   | 99     |
| 11) Tert butyl alcohol      | 4.75  | 59  | 4938733 | 4084.668 | ug/l # | 88     |
| 13) Acrolein                | 3.55  | 56  | 418     | 0.671    | ug/l # | 14     |
| 14) Allyl chloride          | 4.29  | 41  | 23410   | 2.367    | ug/l # | 29     |
| 15) Acrylonitrile           | 5.01  | 53  | 69245   | 23.013   | ug/l # | 26     |
| 16) Acetone                 | 3.79  | 43  | 9756577 | 2957.282 | ug/l # | 48     |
| 17) Carbon Disulfide        | 4.03  | 76  | 18494   | 1.237    | ug/l   | 99     |
| 18) Methyl Acetate          | 4.29  | 43  | 2136248 | 272.798  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether | 5.01  | 73  | 7549432 | 455.451  | ug/l   | 94     |
| 20) Methylene Chloride      | 4.52  | 84  | 12637   | 2.199    | ug/l   | 96     |
| 22) Diisopropyl ether       | 5.94  | 45  | 7606213 | 407.184  | ug/l # | 1      |
| 23) Vinyl Acetate           | 5.94  | 43  | 480854  | 33.214   | ug/l # | 81     |
| 24) 1,1-Dichloroethane      | 5.93  | 63  | 59741   | 5.726    | ug/l # | 85     |
| 25) 2-Butanone              | 6.81  | 43  | 4349462 | 1000.310 | ug/l   | 96     |
| 26) 2,2-Dichloropropane     | 6.79  | 77  | 5968    | 0.654    | ug/l # | 53     |
| 28) Bromochloromethane      | 7.17  | 49  | 688     | 0.219    | ug/l # | 17     |
| 29) Tetrahydrofuran         | 7.19  | 42  | 229482  | 83.062   | ug/l   | 98     |
| 31) Cyclohexane             | 7.63  | 56  | 32253   | 3.265    | ug/l # | 54     |
| 36) 1,1-Dichloropropene     | 7.64  | 75  | 38133   | 5.076    | ug/l # | 50     |
| 37) Ethyl Acetate           | 6.90  | 43  | 183888  | 22.001   | ug/l   | 96     |
| 38) Carbon Tetrachloride    | 7.65  | 117 | 46305   | 6.192    | ug/l # | 17     |
| 39) Methylcyclohexane       | 9.07  | 83  | 20949   | 2.403    | ug/l   | 89     |
| 40) Benzene                 | 8.02  | 78  | 6490747 | 286.888  | ug/l # | 84     |
| 41) Methacrylonitrile       | 7.19  | 41  | 139177  | 38.294   | ug/l # | 100    |
| 42) 1,2-Dichloroethane      | 8.02  | 62  | 61605   | 7.939    | ug/l   | 76     |
| 43) Isopropyl Acetate       | 8.00  | 43  | 7749241 | 581.558  | ug/l # | 55     |
| 45) 1,2-Dichloropropane     | 9.12  | 63  | 10997   | 1.790    | ug/l # | 54     |
| 48) Methyl methacrylate     | 9.15  | 41  | 646944  | 108.544  | ug/l # | 38     |
| 49) 1,4-Dioxane             | 9.19  | 88  | 212110  | 2002.516 | ug/l # | 21     |
| 51) 4-Methyl-2-Pentanone    | 9.98  | 43  | 969391  | 128.573  | ug/l   | 97     |
| 52) Toluene                 | 10.15 | 92  | 5806671 | 428.203  | ug/l # | 65     |
| 53) t-1,3-Dichloropropene   | 10.45 | 75  | 41071   | 4.649    | ug/l   | 98     |
| 54) cis-1,3-Dichloropropene | 9.80  | 75  | 72356   | 7.614    | ug/l # | 1      |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111819\  
 Data File : VN059283.D  
 Acq On : 18 Nov 2019 15:00  
 Operator : JC/SP  
 Sample : K5900-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

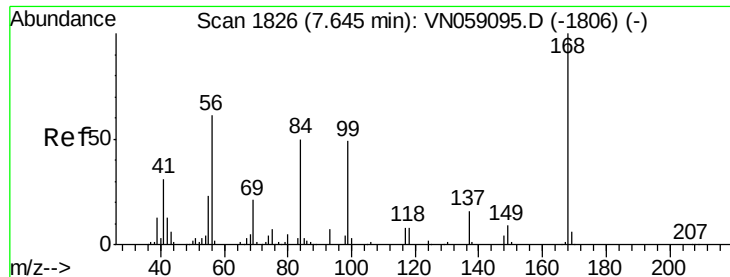
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 19 00:46:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 07 04:00:41 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 55) 1,1,2-Trichloroethane      | 10.52 | 97   | 1990     | 0.363   | ug/l # | 35       |
| 56) Ethyl methacrylate         | 10.35 | 69   | 121819   | 14.683  | ug/l # | 68       |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 6998     | 0.741   | ug/l # | 42       |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 103155   | 33.774  | ug/l   | 95       |
| 59) 2-Hexanone                 | 10.75 | 43   | 283245   | 48.945  | ug/l   | 87       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 3023     | 0.601   | ug/l # | 1        |
| 67) Ethyl Benzene              | 11.51 | 91   | 5485454  | 230.709 | ug/l # | 58       |
| 68) m/p-Xylenes                | 11.62 | 106  | 8140798  | 914.039 | ug/l # | 47       |
| 69) o-Xylene                   | 11.95 | 106  | 5551789  | 645.021 | ug/l   | 48       |
| 70) Styrene                    | 11.95 | 104  | 373832   | 27.616  | ug/l # | 1        |
| 71) Bromoform                  | 12.40 | 173  | 2163     | 0.553   | ug/l # | 1        |
| 73) Isopropylbenzene           | 12.25 | 105  | 256089   | 7.378   | ug/l   | 99       |
| 74) N-amyl acetate             | 11.99 | 43   | 2134781  | 145.149 | ug/l # | 1        |
| 75) 1,1,2,2-Tetrachloroethane  | 12.55 | 83   | 383013   | 32.404  | ug/l # | 25       |
| 76) 1,2,3-Trichloropropane     | 12.60 | 75   | 7446     | 0.685   | ug/l # | 100      |
| 78) n-propylbenzene            | 12.59 | 91   | 212500   | 5.347   | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 185559   | 7.527   | ug/l # | 30       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1646712  | 55.990  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.29 | 75   | 37049    | 9.008   | ug/l # | 61       |
| 82) 4-Chlorotoluene            | 12.73 | 91   | 165871   | 6.708   | ug/l # | 43       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 64635    | 2.545   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 4713075  | 165.634 | ug/l   | 85       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 163032   | 4.936   | ug/l # | 77       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 187660   | 6.434   | ug/l # | 77       |
| 89) n-Butylbenzene             | 13.59 | 91   | 140835   | 5.517   | ug/l # | 1        |
| 90) Hexachloroethane           | 13.89 | 117  | 143657   | 24.529  | ug/l # | 8        |
| 92) 1,2-Dibromo-3-Chloropropan | 14.30 | 75   | 24113    | 10.246  | ug/l # | 4        |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 538      | 3.103   | ug/l # | 1        |
| 95) Naphthalene                | 15.13 | 128  | 667048   | 28.379  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene     | 15.32 | 180  | 1843     | 0.224   | ug/l # | 13       |
| -----                          |       |      |          |         |        |          |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

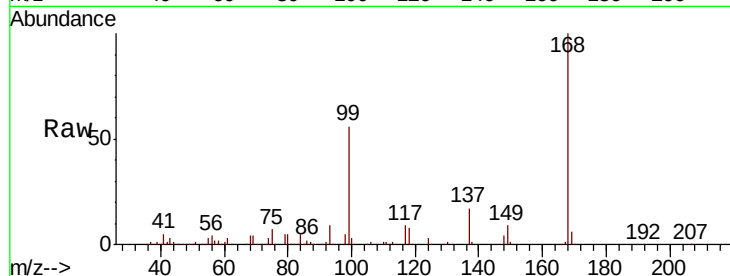
ClientSampleId :

Tot Ion:168 Resp: 516110

Ion Ratio Lower Upper

168 100

99 55.7 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059095.D

Ion 98.90 (98.60 to 99.60): VN059095.D

7.64

250000

200000

150000

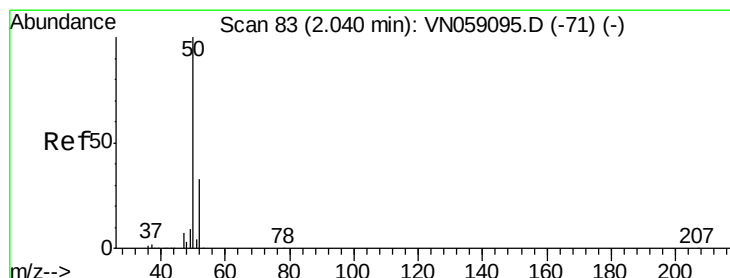
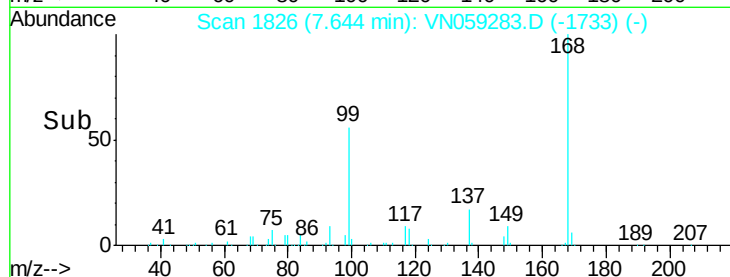
100000

50000

0

7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.740 ug/l

RT: 2.00 min Scan# 70

Delta R.T. -0.04 min

Lab File: VN059283.D

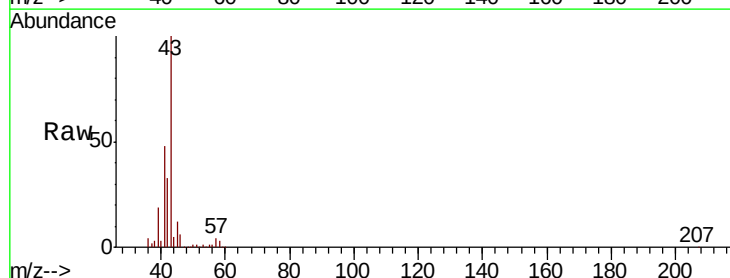
Acq: 18 Nov 2019 15:00

Tgt Ion: 50 Resp: 5234

Ion Ratio Lower Upper

50 100

52 13.3 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN059095.D

Ion 51.90 (51.60 to 52.60): VN059095.D

2.00

4000

3000

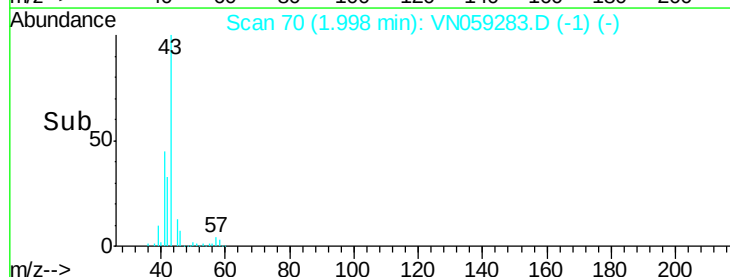
2000

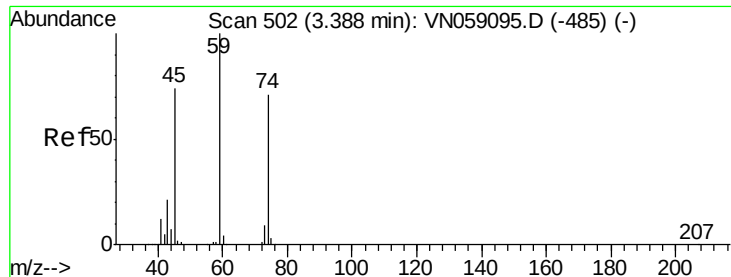
1000

0

1.96 1.98 2.00 2.02

Time-->





#8

Diethyl Ether

Concen: 41.404 ug/l

RT: 3.39 min Scan# 502

Delta R.T. -0.00 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

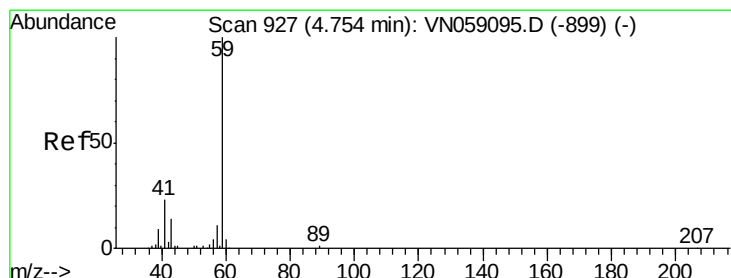
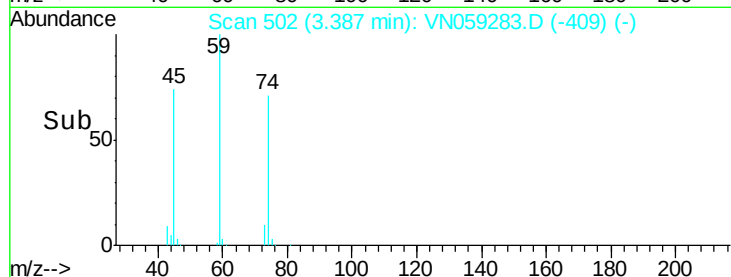
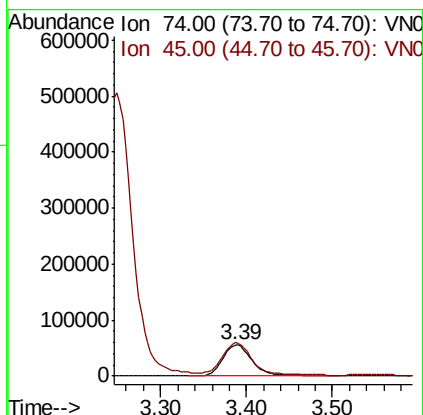
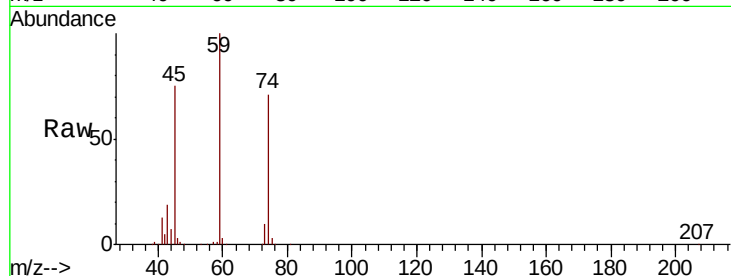
ClientSampled :

Tot Ion: 74 Resp: 137905

Ion Ratio Lower Upper

74 100

45 104.0 51.6 154.9



#11

Tert butyl alcohol

Concen: 4084.668 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.00 min

Lab File: VN059283.D

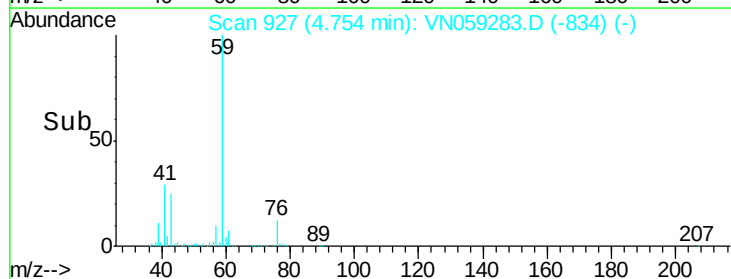
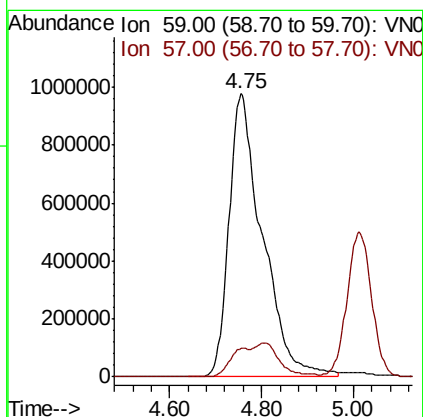
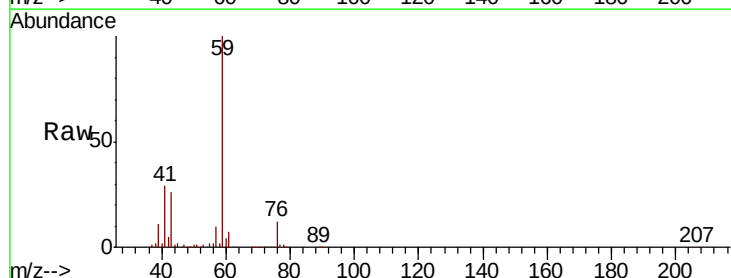
Acq: 18 Nov 2019 15:00

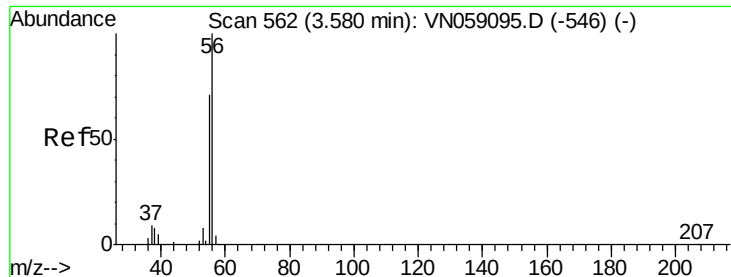
Tgt Ion: 59 Resp: 4938733

Ion Ratio Lower Upper

59 100

57 5.9 8.3 12.5#





#13

Acrolein

Concen: 0.671 ug/l

RT: 3.55 min Scan# 552

Delta R.T. -0.03 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

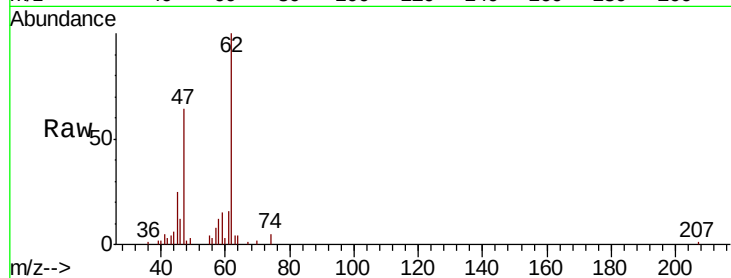
ClientSampled :

Tot Ion: 56 Resp: 418

Ion Ratio Lower Upper

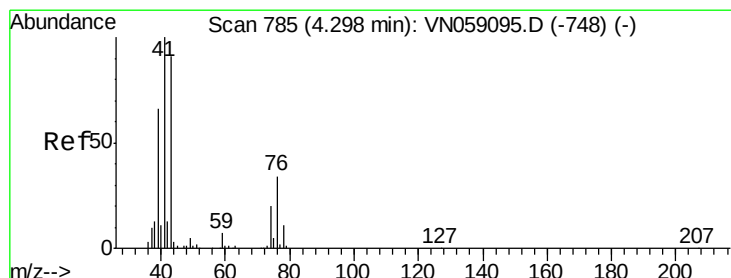
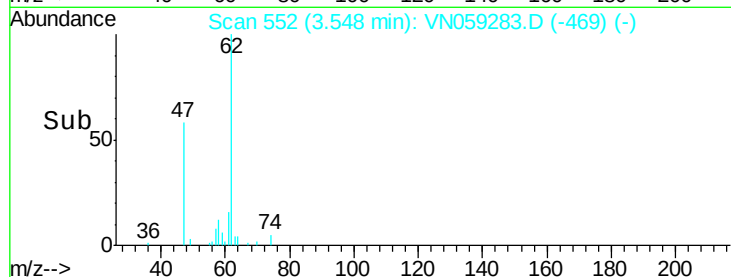
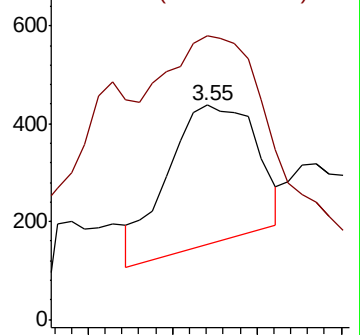
56 100

55 0.0 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 2.367 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

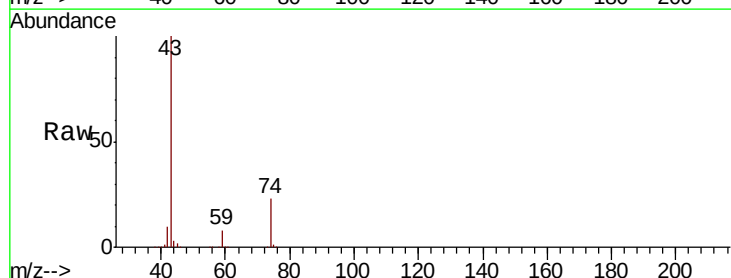
Tgt Ion: 41 Resp: 23410

Ion Ratio Lower Upper

41 100

39 0.0 49.1 73.7#

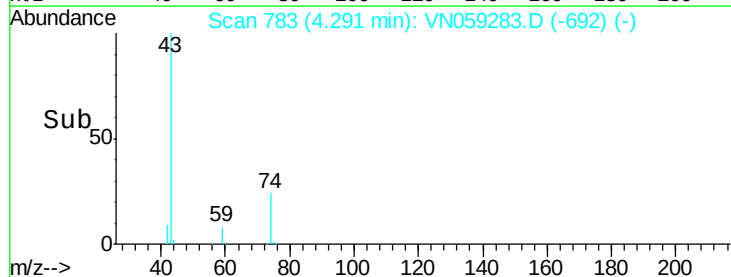
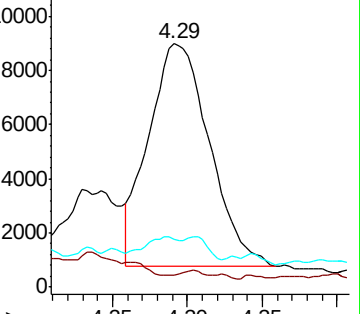
76 2.2 24.9 37.3#

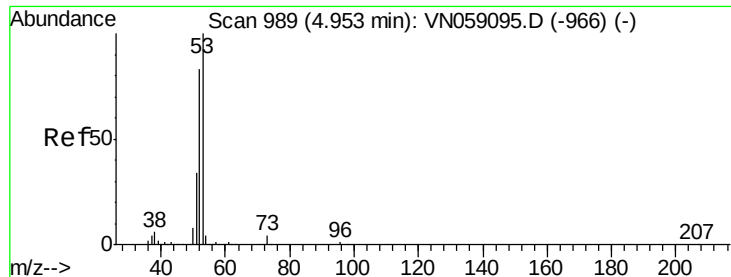


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 23.013 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.06 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

ClientSampled :

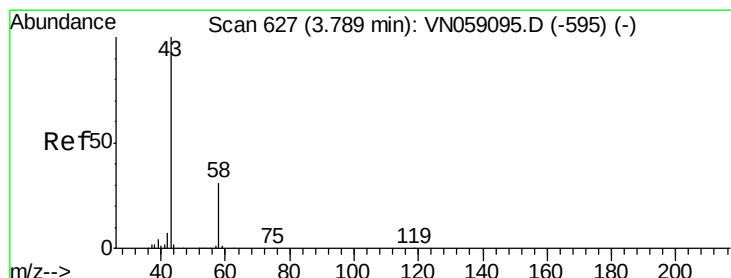
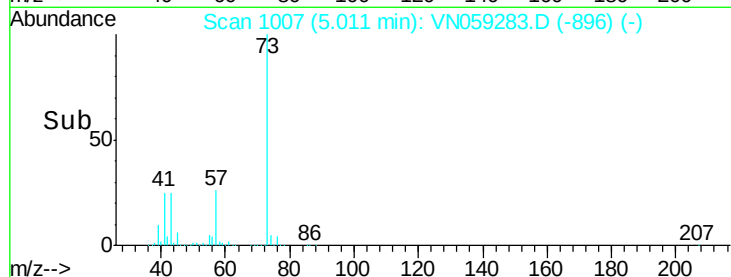
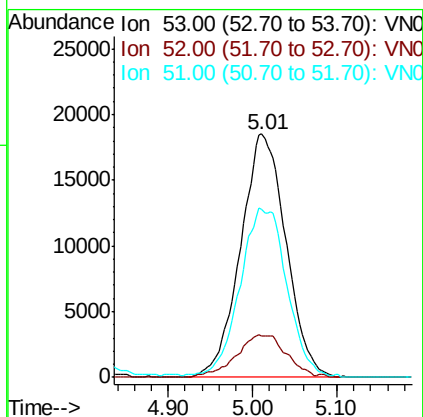
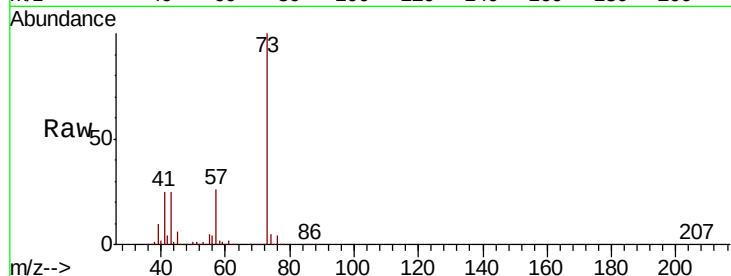
Tot Ion: 53 Resp: 69245

Ion Ratio Lower Upper

53 100

52 12.1 65.0 97.6#

51 72.2 28.0 42.0#



#16

Acetone

Concen: 2957.282 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN059283.D

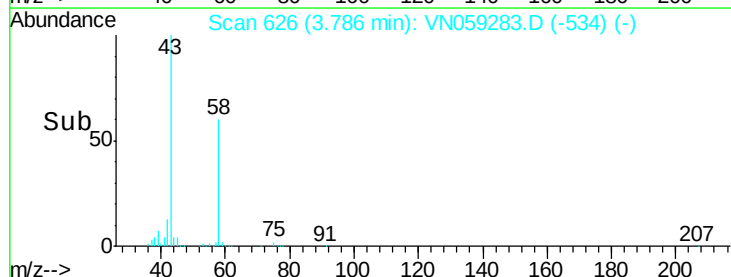
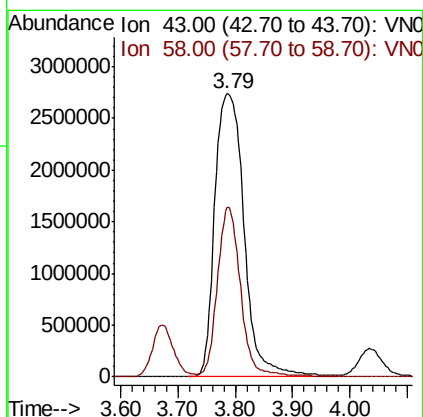
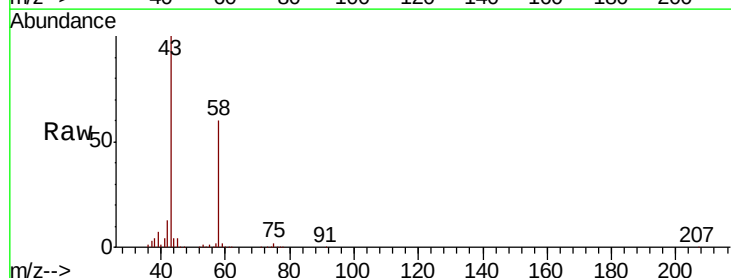
Acq: 18 Nov 2019 15:00

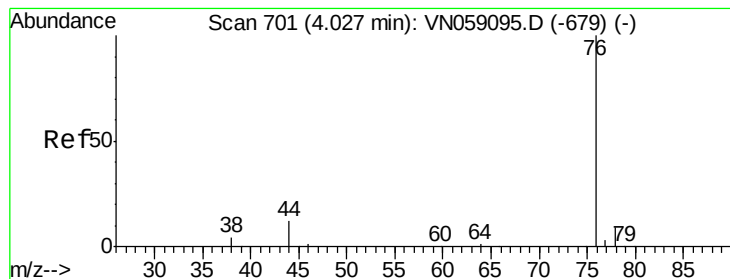
Tgt Ion: 43 Resp: 9756577

Ion Ratio Lower Upper

43 100

58 59.8 24.9 37.3#





#17

Carbon Disulfide

Concen: 1.237 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

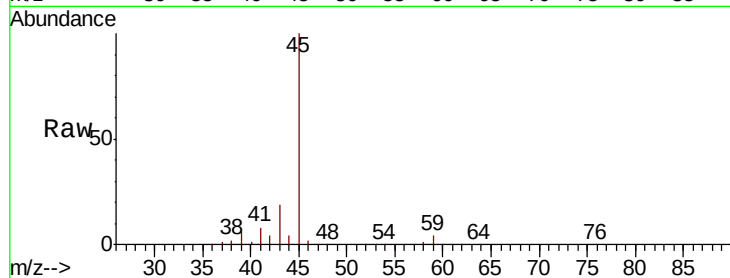
ClientSampled :

Tot Ion: 76 Resp: 18494

Ion Ratio Lower Upper

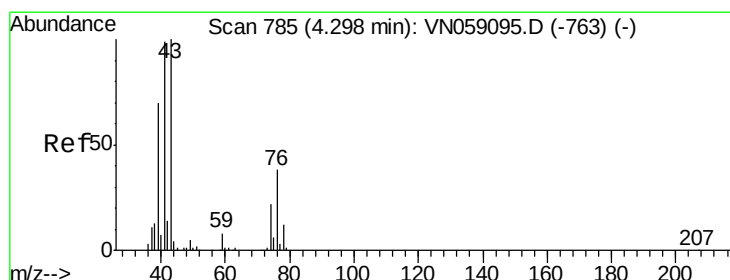
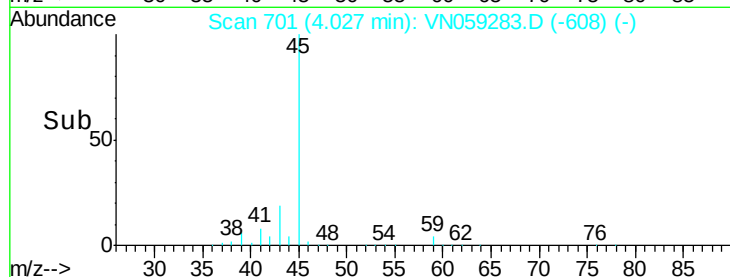
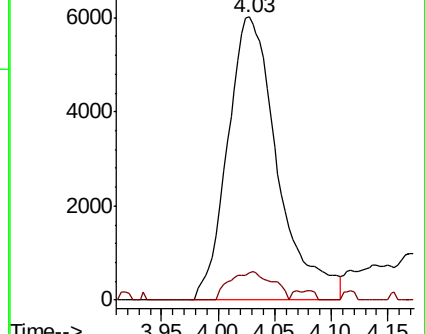
76 100

78 9.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 272.798 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059283.D

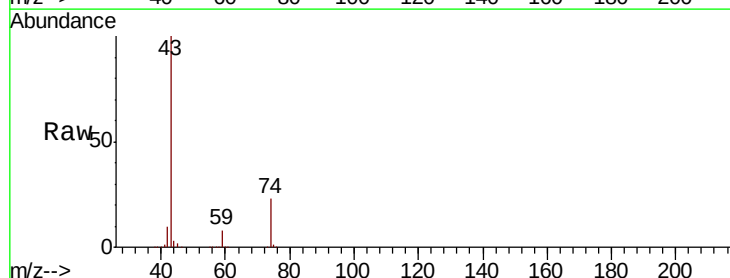
Acq: 18 Nov 2019 15:00

Tgt Ion: 43 Resp: 2136248

Ion Ratio Lower Upper

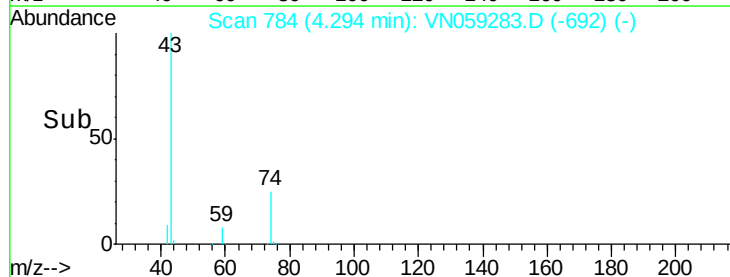
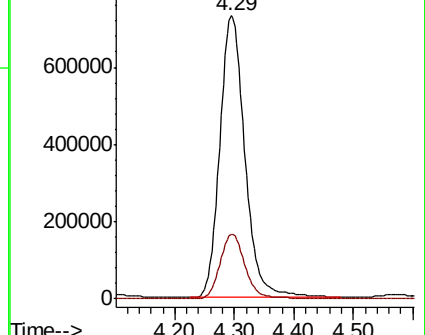
43 100

74 23.2 17.8 26.8

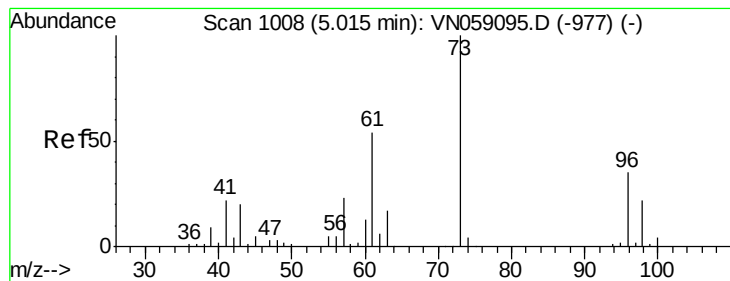


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





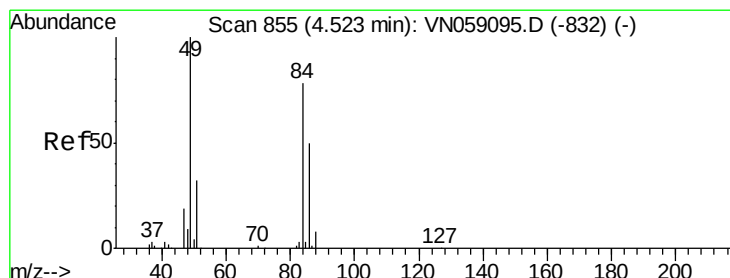
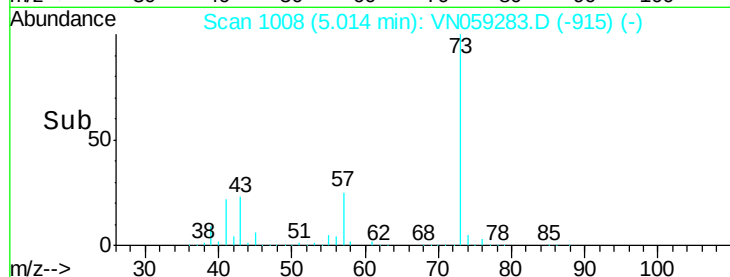
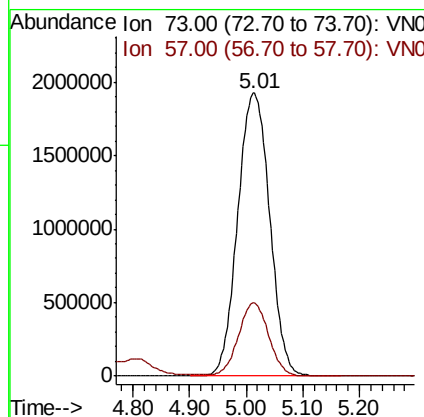
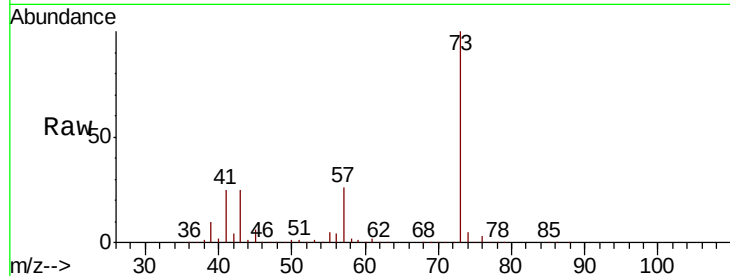


#19

Methyl tert-butyl Ether  
 Concen: 455.451 ug/l  
 RT: 5.01 min Scan# 1008  
 Delta R.T. -0.00 min  
 Lab File: VN059283.D  
 Acq: 18 Nov 2019 15:00

Instrument :  
 MSVOA\_N  
 ClientSampled :

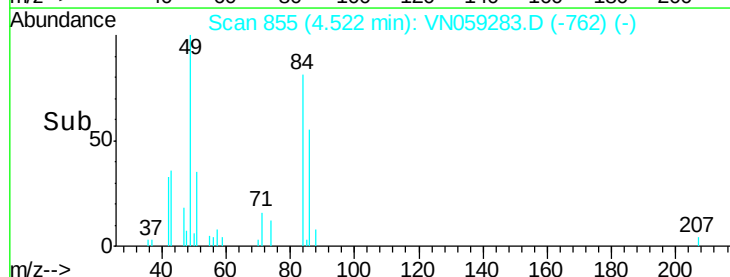
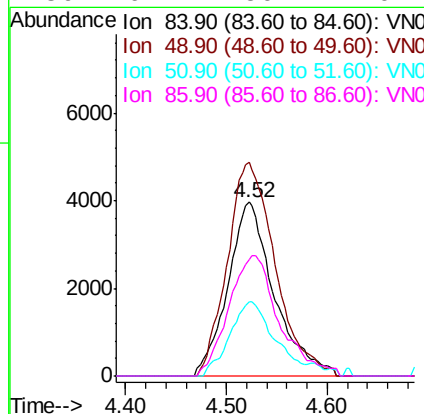
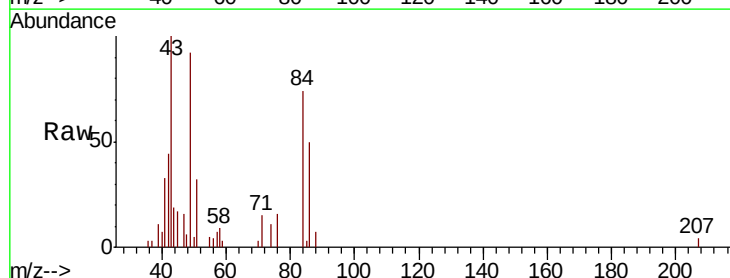
Tot Ion: 73 Resp: 7549432  
 Ion Ratio Lower Upper  
 73 100  
 57 25.9 18.4 27.6

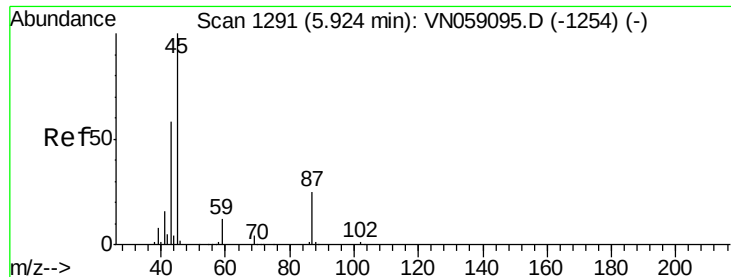


#20

Methylene Chloride  
 Concen: 2.199 ug/l  
 RT: 4.52 min Scan# 855  
 Delta R.T. -0.00 min  
 Lab File: VN059283.D  
 Acq: 18 Nov 2019 15:00

Tgt Ion: 84 Resp: 12637  
 Ion Ratio Lower Upper  
 84 100  
 49 123.0 102.0 153.0  
 51 42.8 32.2 48.2  
 86 67.2 50.7 76.1

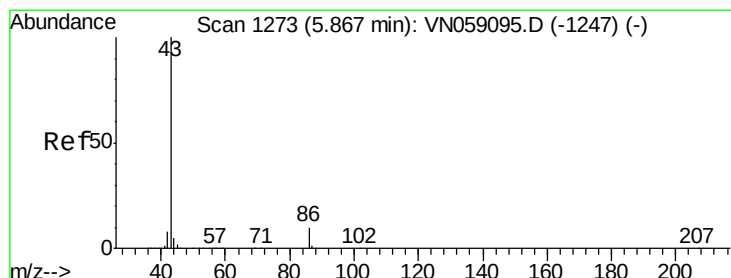
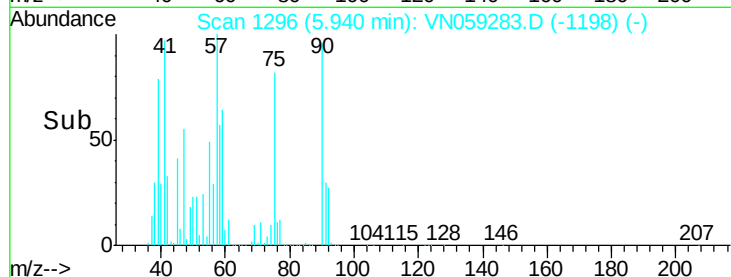
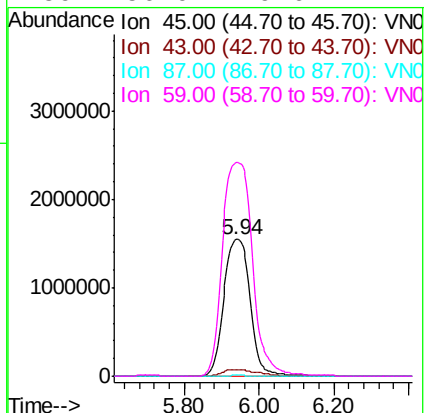
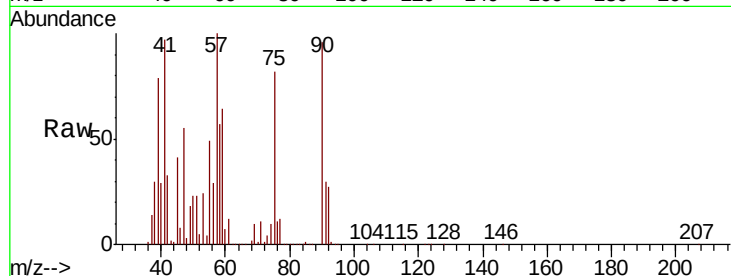




#22  
Diisopropyl ether  
Concen: 407.184 ug/l  
RT: 5.94 min Scan# 1296  
Delta R.T. 0.02 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

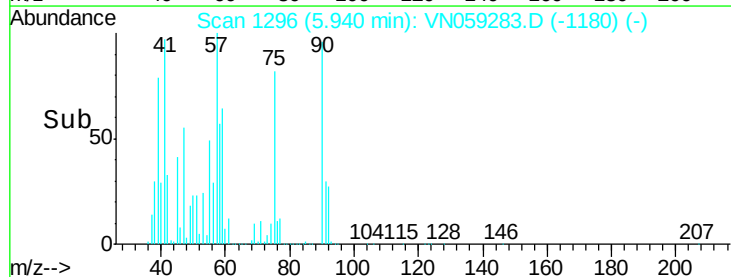
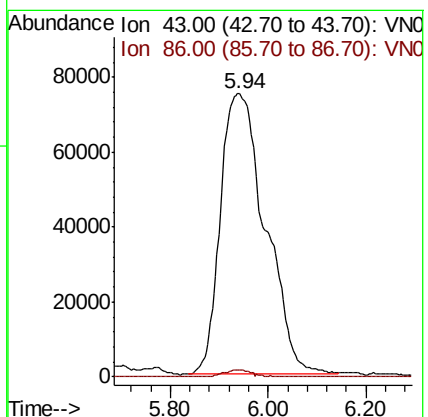
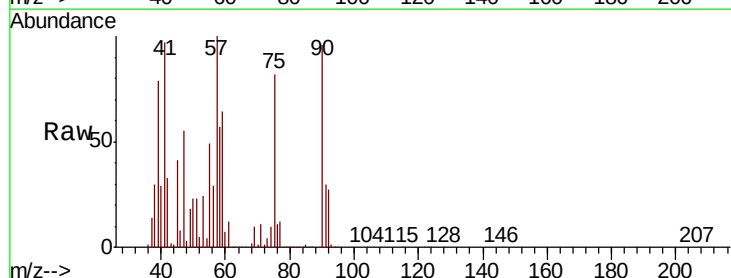
Instrument :  
MSVOA\_N  
ClientSampled :

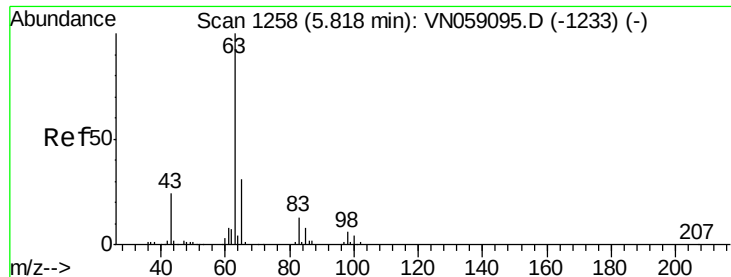
Tot Ion: 45 Resp: 7606213  
Ion Ratio Lower Upper  
45 100  
43 4.8 46.7 70.1#  
87 0.6 20.5 30.7#  
59 156.0 9.6 14.4#



#23  
Vinyl Acetate  
Concen: 33.214 ug/l  
RT: 5.94 min Scan# 1296  
Delta R.T. 0.07 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

Tgt Ion: 43 Resp: 480854  
Ion Ratio Lower Upper  
43 100  
86 2.5 7.7 11.5#





#24

1,1-Dichloroethane

Concen: 5.726 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. 0.12 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

ClientSampled :

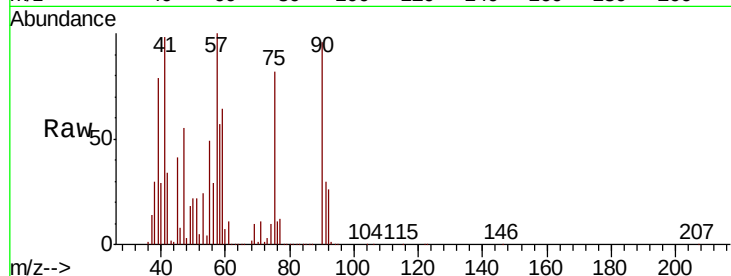
Tot Ion: 63 Resp: 59741

Ion Ratio Lower Upper

63 100

98 0.0 2.8 8.4#

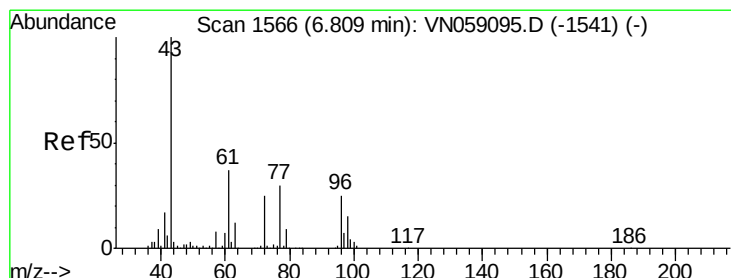
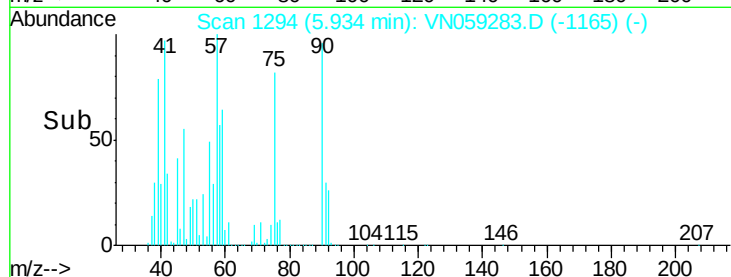
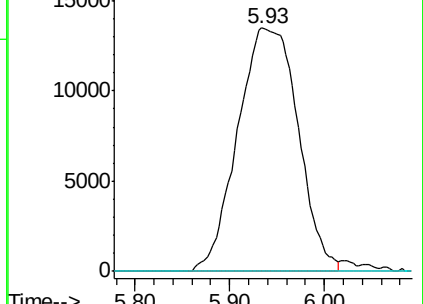
100 0.0 1.9 5.7#



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



#25

2-Butanone

Concen: 1000.310 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN059283.D

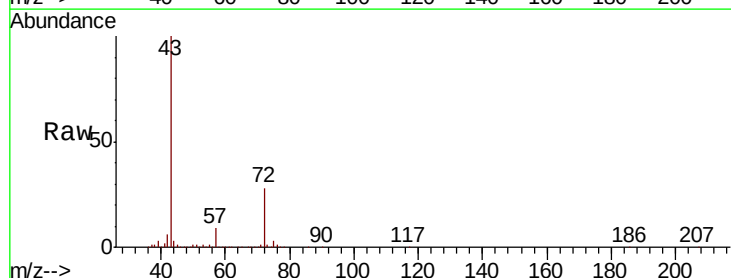
Acq: 18 Nov 2019 15:00

Tgt Ion: 43 Resp: 4349462

Ion Ratio Lower Upper

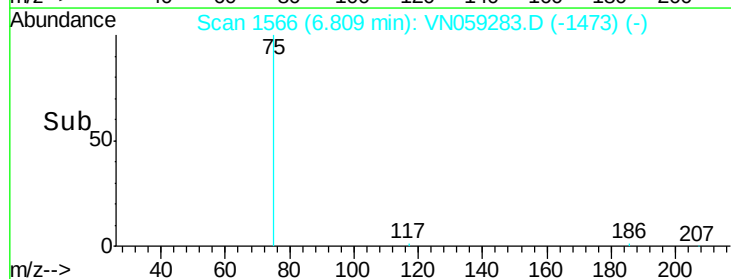
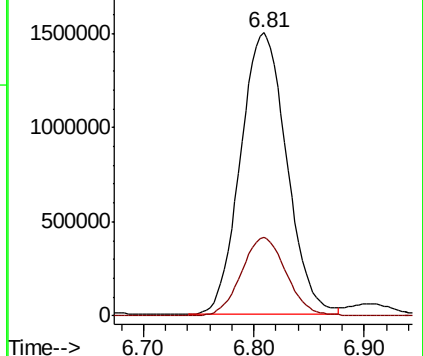
43 100

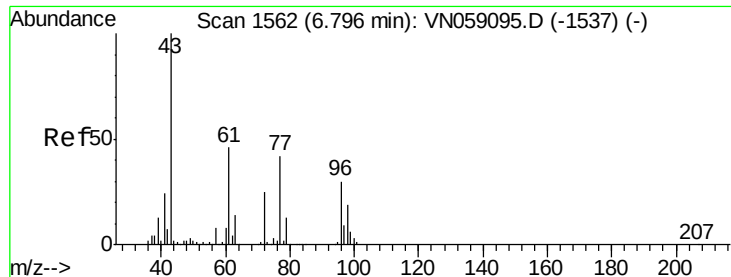
72 27.6 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

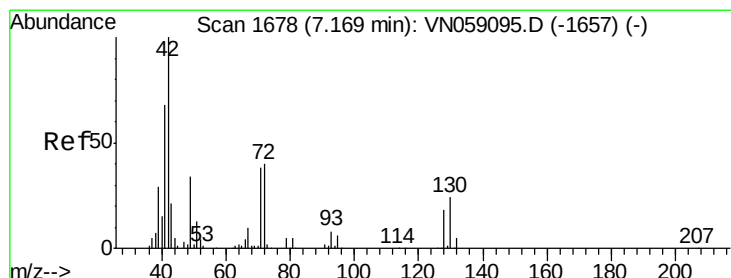
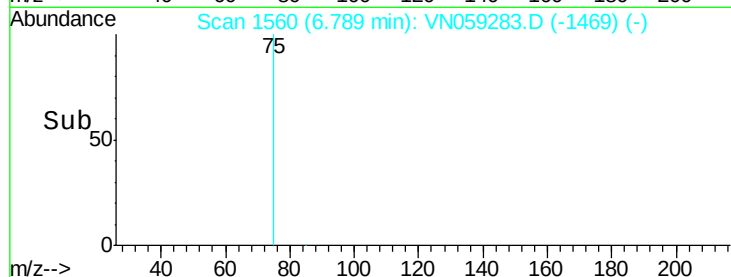
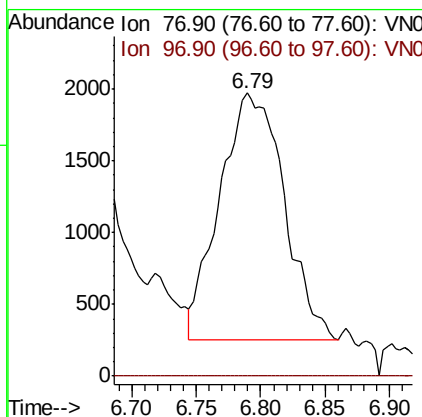
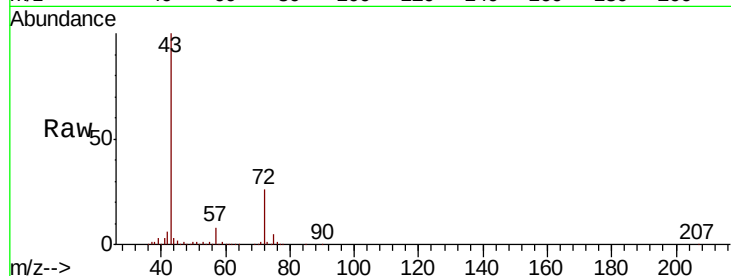




#26  
 2,2-Dichloropropane  
 Concen: 0.654 ug/l  
 RT: 6.79 min Scan# 1560  
 Delta R.T. -0.01 min  
 Lab File: VN059283.D  
 Acq: 18 Nov 2019 15:00

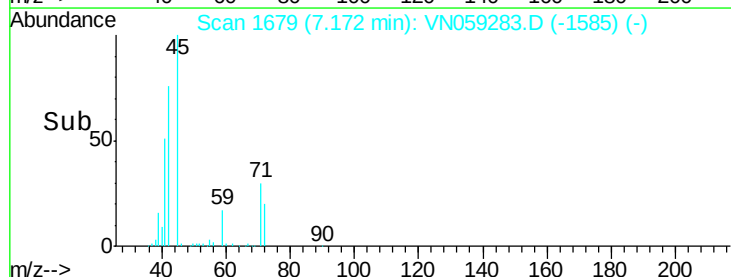
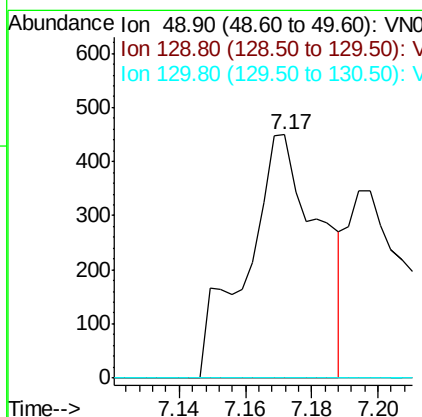
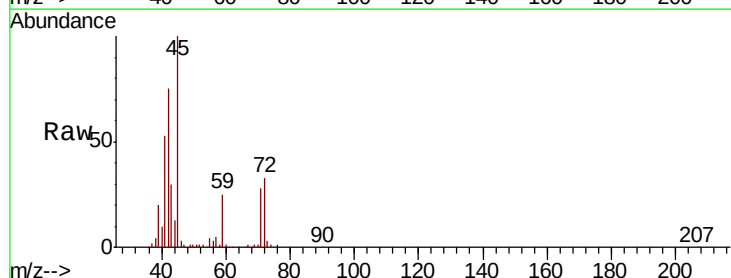
Instrument :  
 MSVOA\_N  
 ClientSampled :

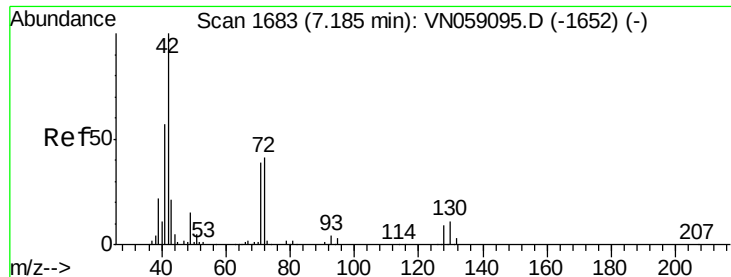
Tot Ion: 77 Resp: 5968  
 Ion Ratio Lower Upper  
 77 100  
 97 0.0 11.2 33.6#



#28  
 Bromochloromethane  
 Concen: 0.219 ug/l  
 RT: 7.17 min Scan# 1679  
 Delta R.T. 0.00 min  
 Lab File: VN059283.D  
 Acq: 18 Nov 2019 15:00

Tgt Ion: 49 Resp: 688  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 3.8  
 130 0.0 55.6 83.4#

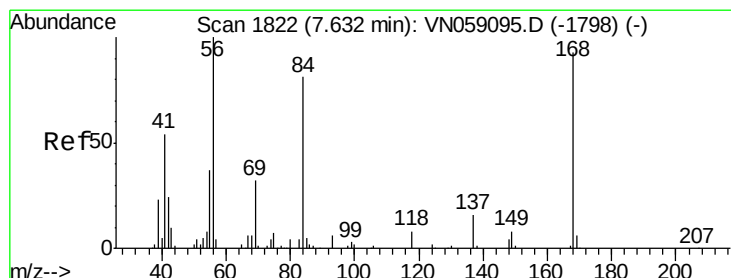
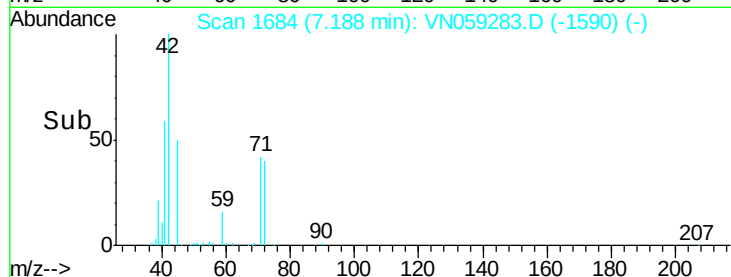
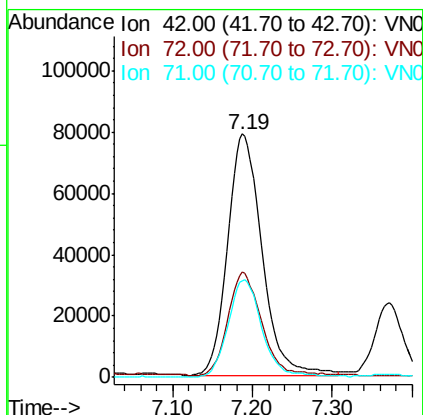
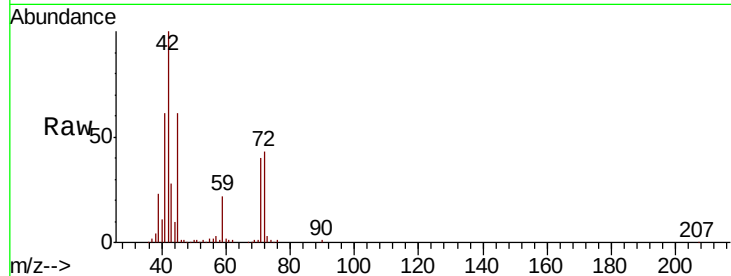




#29  
Tetrahydrofuran  
Concen: 83.062 ug/l  
RT: 7.19 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

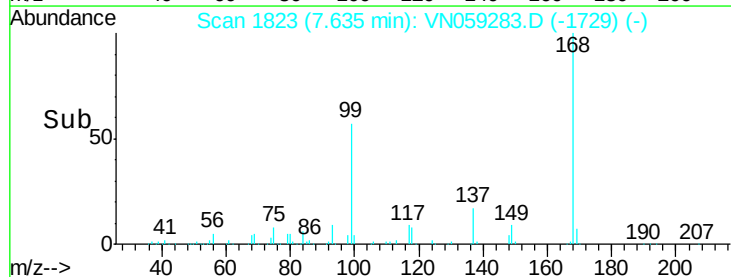
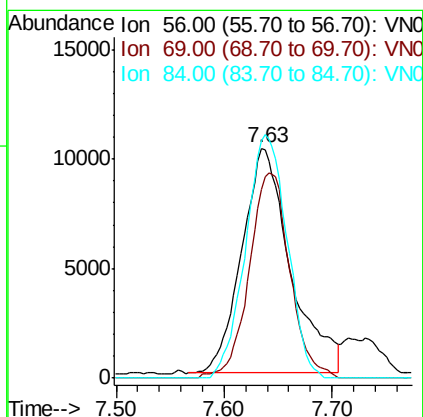
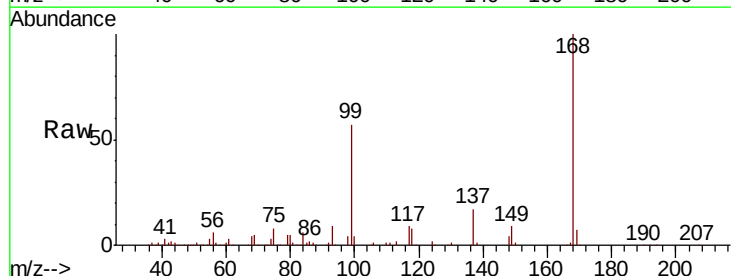
Instrument :  
MSVOA\_N  
ClientSampled :

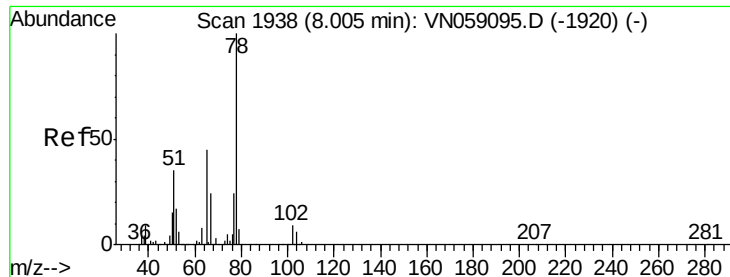
Tot Ion: 42 Resp: 229482  
Ion Ratio Lower Upper  
42 100  
72 41.5 33.1 49.7  
71 40.5 30.9 46.3



#31  
Cyclohexane  
Concen: 3.265 ug/l  
RT: 7.63 min Scan# 1823  
Delta R.T. 0.00 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

Tgt Ion: 56 Resp: 32253  
Ion Ratio Lower Upper  
56 100  
69 84.1 25.8 38.8#  
84 105.6 65.0 97.4#

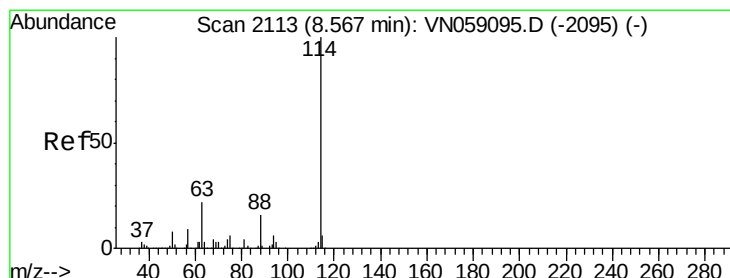
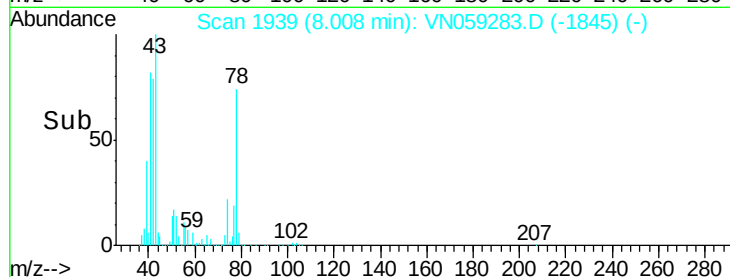
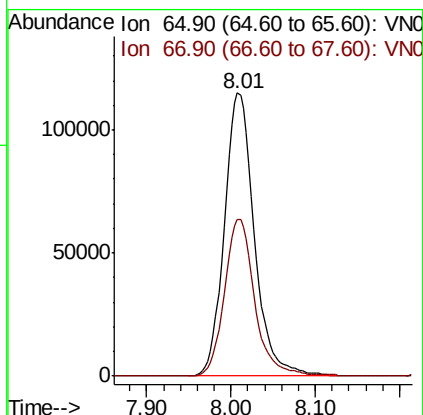
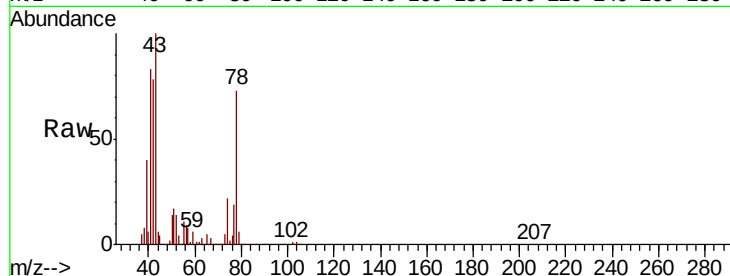




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.762 ug/l  
 RT: 8.01 min Scan# 1939  
 Delta R.T. 0.00 min  
 Lab File: VN059283.D  
 Acq: 18 Nov 2019 15:00

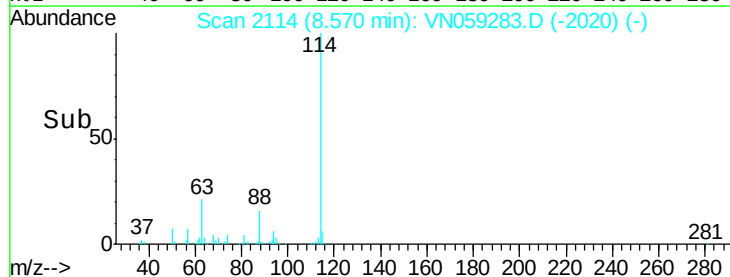
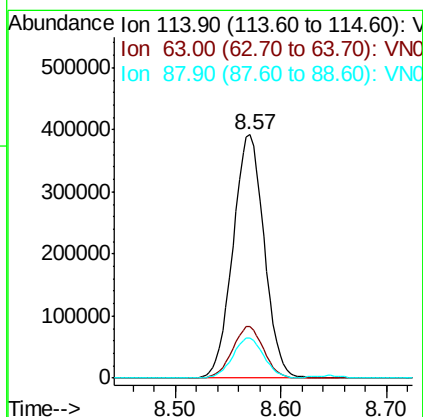
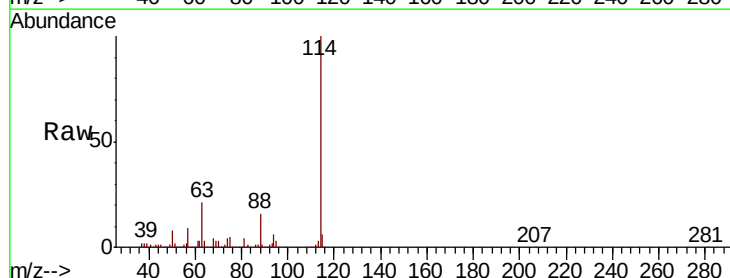
Instrument :  
 MSVOA\_N  
 ClientSampled :

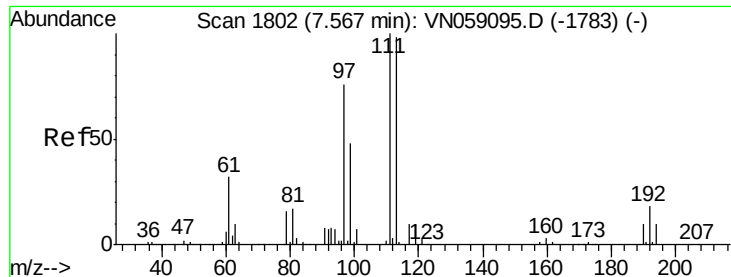
Tot Ion: 65 Resp: 283984  
 Ion Ratio Lower Upper  
 65 100  
 67 55.7 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: VN059283.D  
 Acq: 18 Nov 2019 15:00

Tgt Ion: 114 Resp: 803793  
 Ion Ratio Lower Upper  
 114 100  
 63 20.9 0.0 43.4  
 88 16.3 0.0 32.2

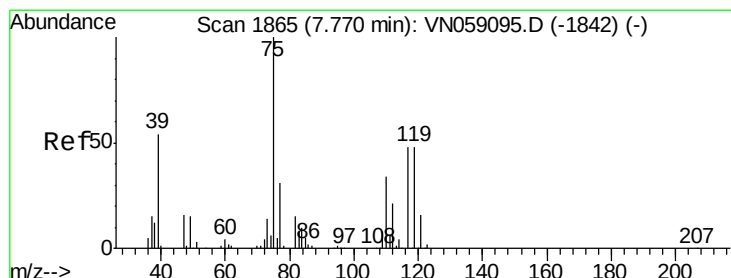
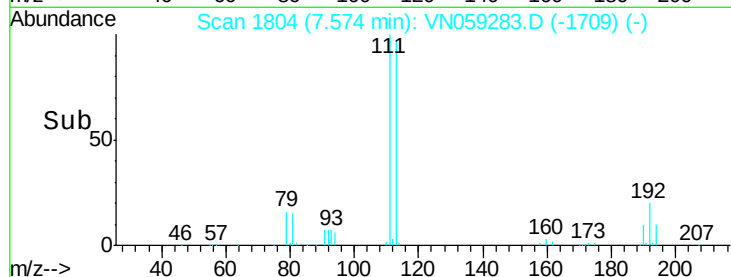
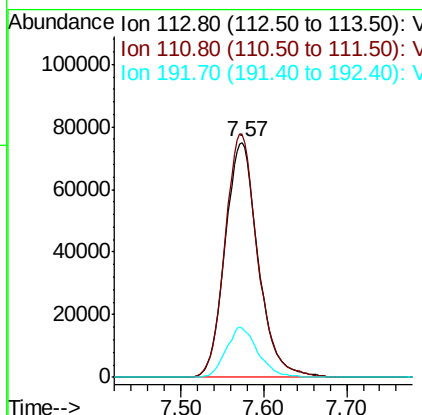
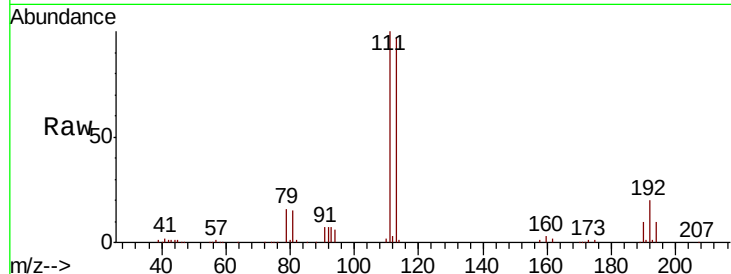




#35  
Dibromofluoromethane  
Concen: 43.358 ug/l  
RT: 7.57 min Scan# 1804  
Delta R.T. 0.01 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

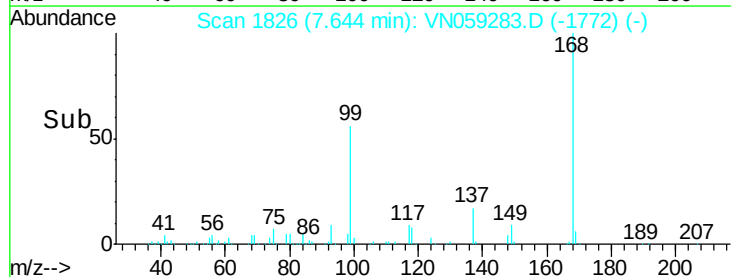
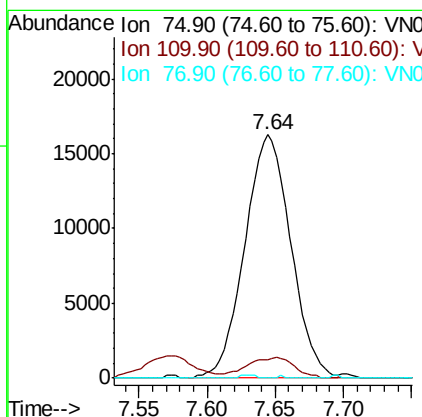
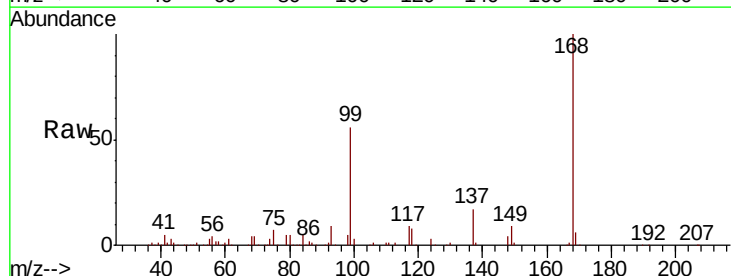
Instrument :  
MSVOA\_N  
ClientSampled :

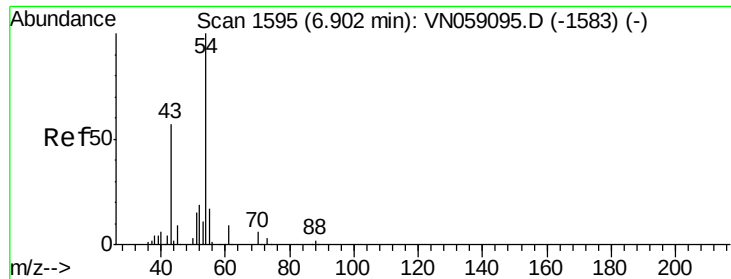
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.0 | 82.8  | 124.2 |
| 192     | 20.6  | 16.1  | 24.1  |



#36  
1,1-Dichloropropene  
Concen: 5.076 ug/l  
RT: 7.64 min Scan# 1826  
Delta R.T. -0.13 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.9   | 17.1  | 51.2# |
| 77      | 0.0   | 24.8  | 37.2# |

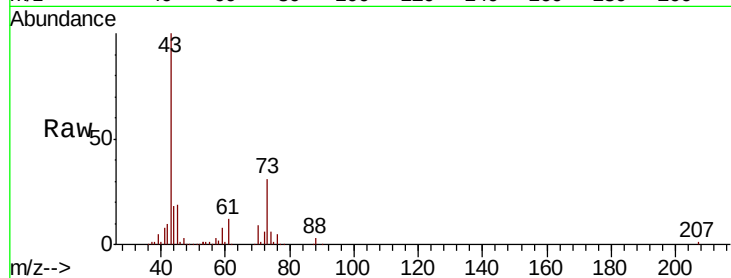




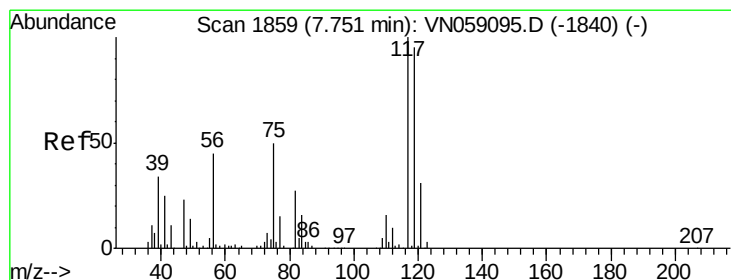
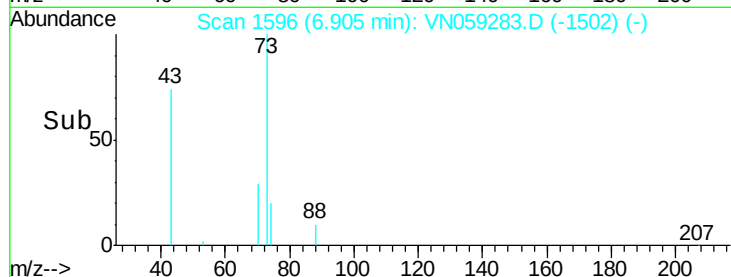
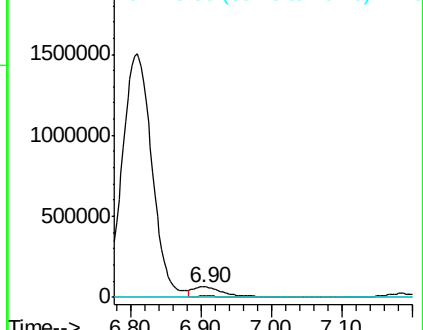
#37  
Ethyl Acetate  
Concen: 22.001 ug/l  
RT: 6.90 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 183888  
Ion Ratio Lower Upper  
43 100  
61 12.1 11.2 16.8  
70 9.1 7.8 11.8

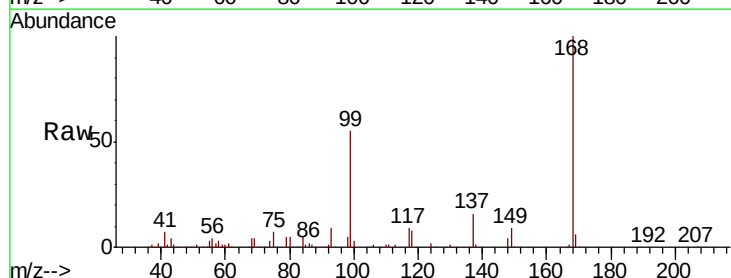


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

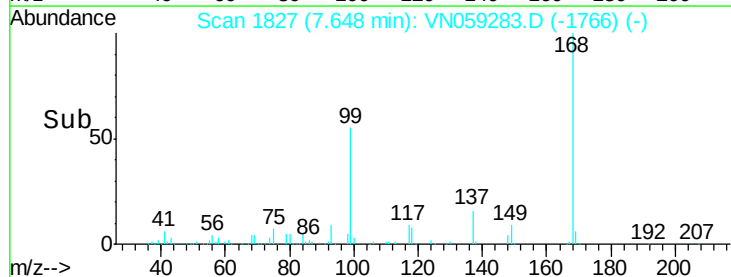
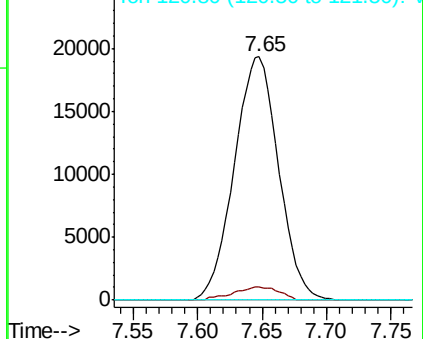


#38  
Carbon Tetrachloride  
Concen: 6.192 ug/l  
RT: 7.65 min Scan# 1827  
Delta R.T. -0.10 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

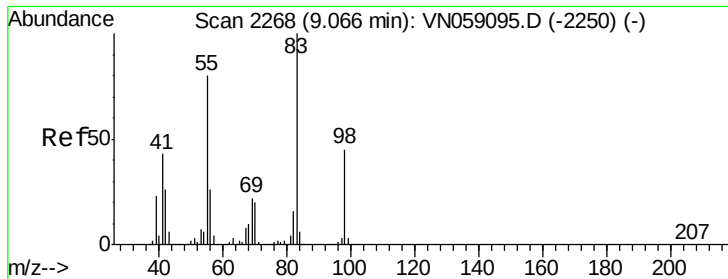
Tgt Ion: 117 Resp: 46305  
Ion Ratio Lower Upper  
117 100  
119 5.3 75.6 113.4#  
121 0.0 24.6 36.8#



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



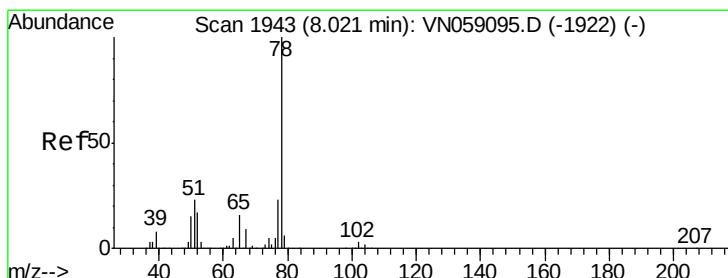
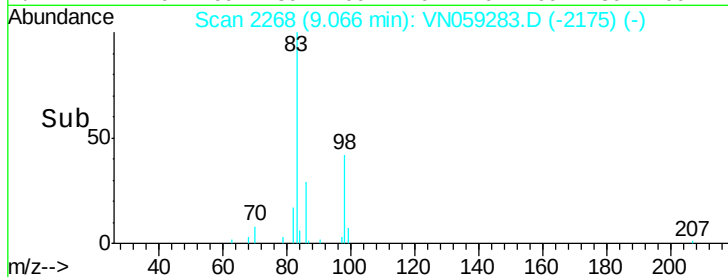
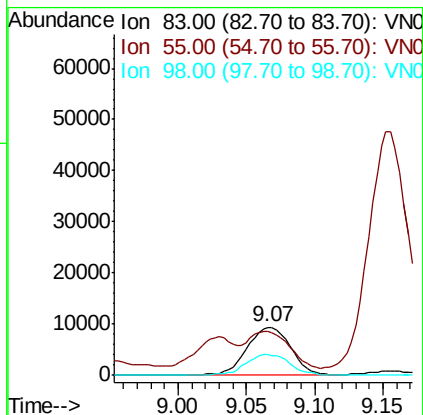
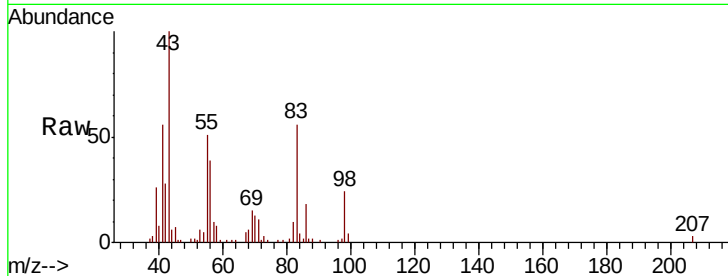




#39  
Methylvlcyclohexane  
Concen: 2.403 ug/l  
RT: 9.07 min Scan# 2268  
Delta R.T. -0.00 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

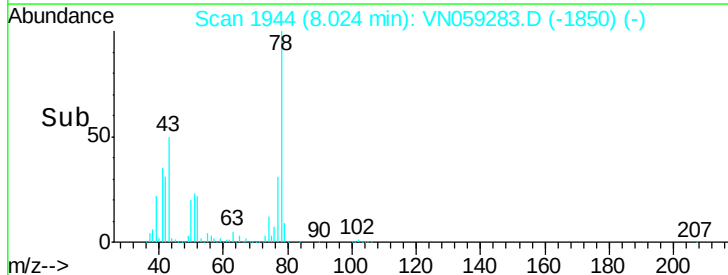
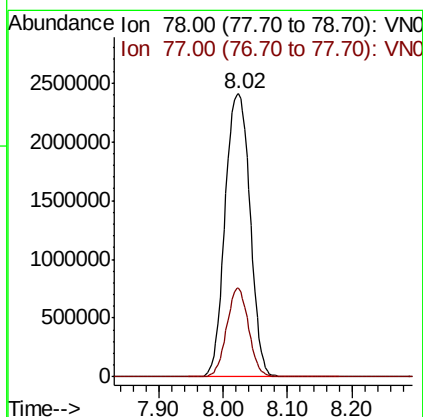
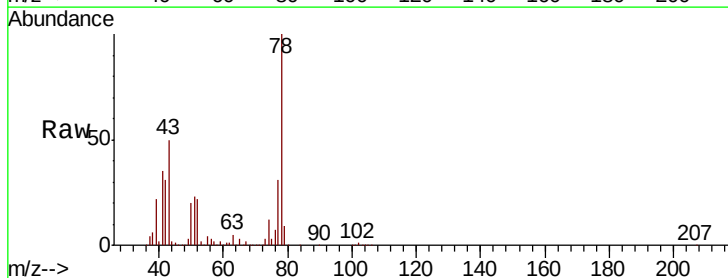
Instrument :  
MSVOA\_N  
ClientSampled :

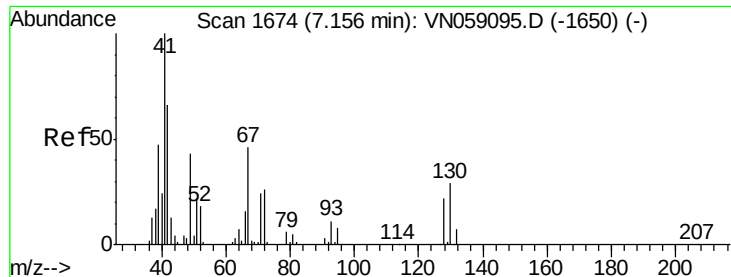
Tot Ion: 83 Resp: 20949  
Ion Ratio Lower Upper  
83 100  
55 66.6 63.9 95.9  
98 42.2 35.6 53.4



#40  
Benzene  
Concen: 286.888 ug/l  
RT: 8.02 min Scan# 1944  
Delta R.T. 0.00 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

Tgt Ion: 78 Resp: 6490747  
Ion Ratio Lower Upper  
78 100  
77 31.3 18.8 28.2#

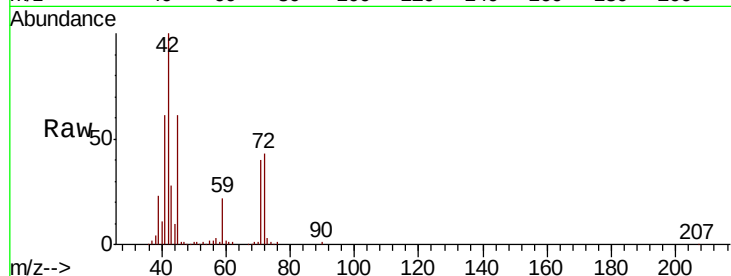




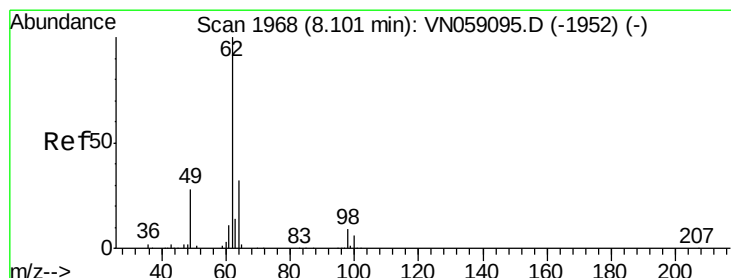
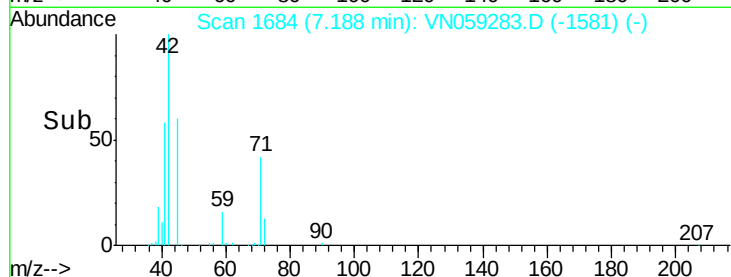
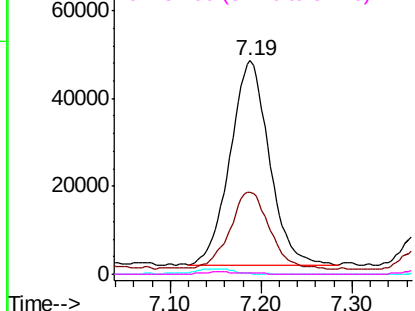
#41  
Methacrylonitrile  
Concen: 38.294 ug/l  
RT: 7.19 min Scan# 1684  
Delta R.T. 0.03 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

Instrument :  
MSVOA\_N  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 139177 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 38.9  | 0.0   | 0.0#   |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |

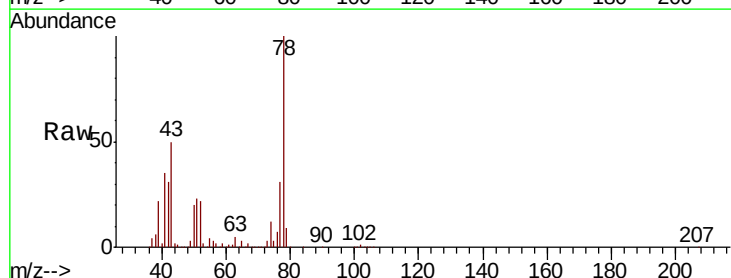


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

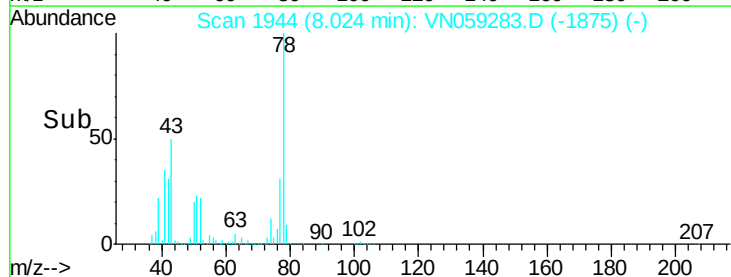
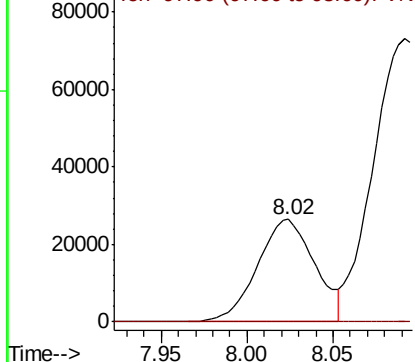


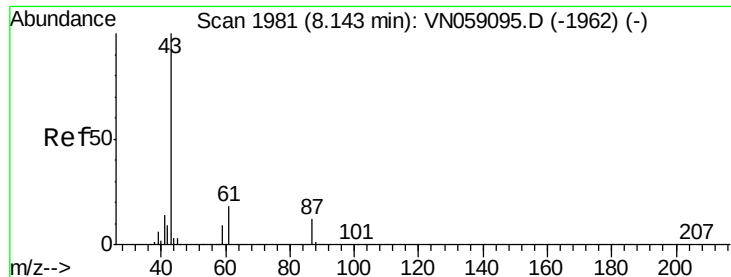
#42  
1,2-Dichloroethane  
Concen: 7.939 ug/l  
RT: 8.02 min Scan# 1944  
Delta R.T. -0.08 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 61605 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 0.2   | 0.0   | 17.8  |



Abundance Ion 61.90 (61.60 to 62.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 581.558 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.14 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

ClientSampleId :

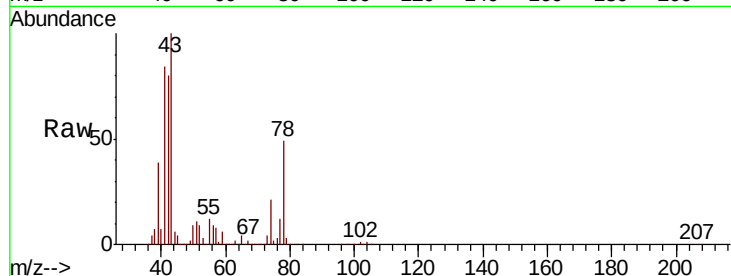
Tot Ion: 43 Resp: 7749241

Ion Ratio Lower Upper

43 100

61 0.0 21.0 31.6#

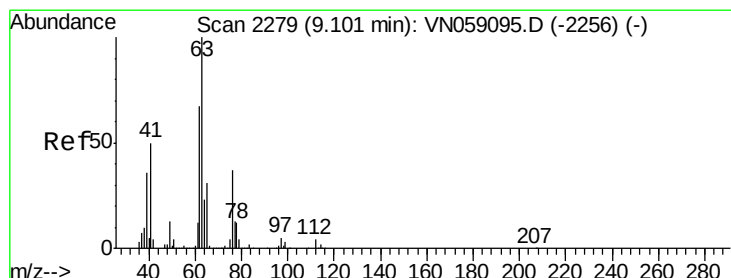
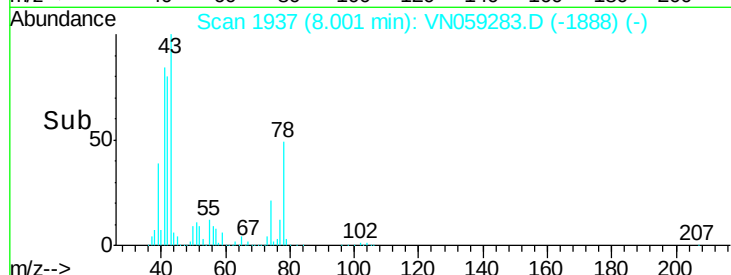
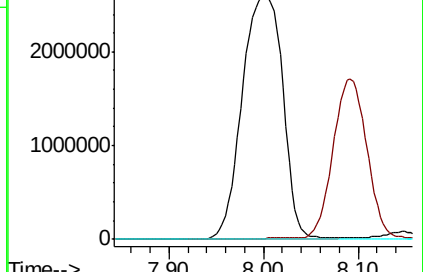
87 0.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VN059283.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059283.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059283.D (-1888) (-)



#45

1,2-Dichloropropane

Concen: 1.790 ug/l

RT: 9.12 min Scan# 2286

Delta R.T. 0.02 min

Lab File: VN059283.D

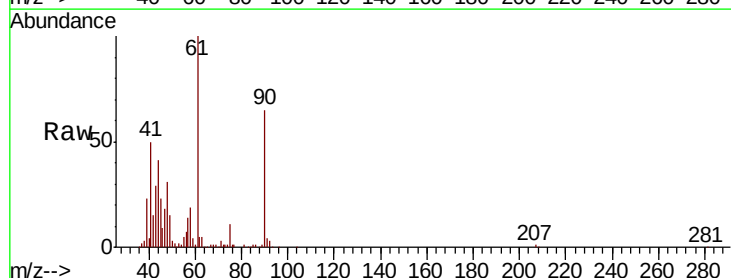
Acq: 18 Nov 2019 15:00

Tgt Ion: 63 Resp: 10997

Ion Ratio Lower Upper

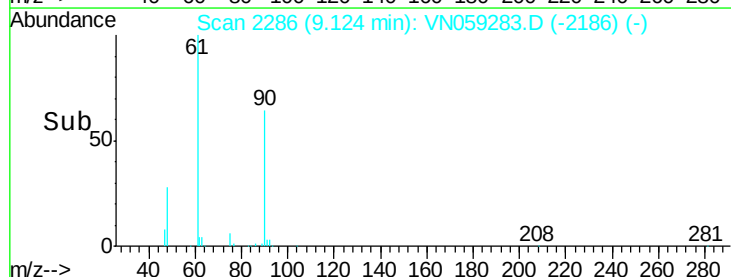
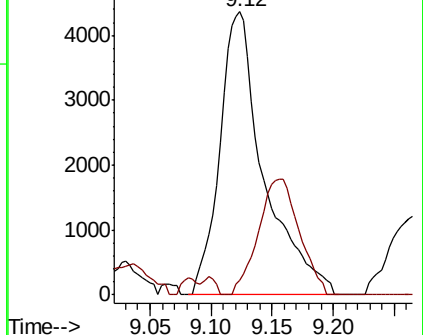
63 100

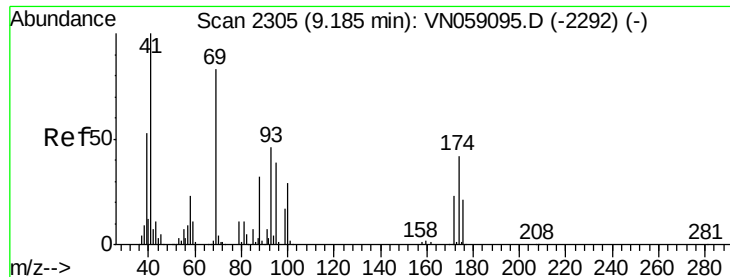
65 5.4 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN059283.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN059283.D (-2186) (-)

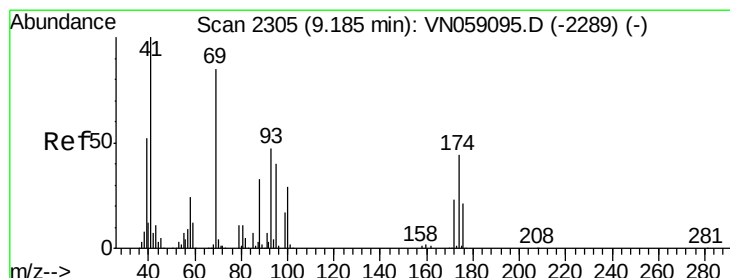
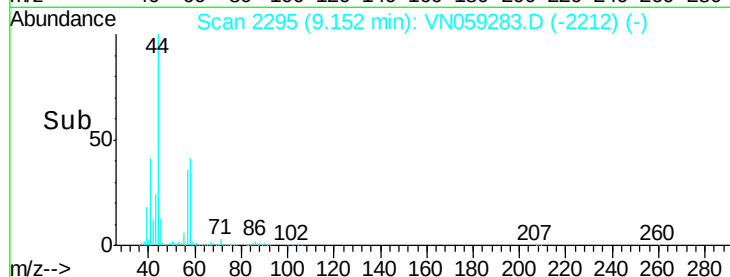
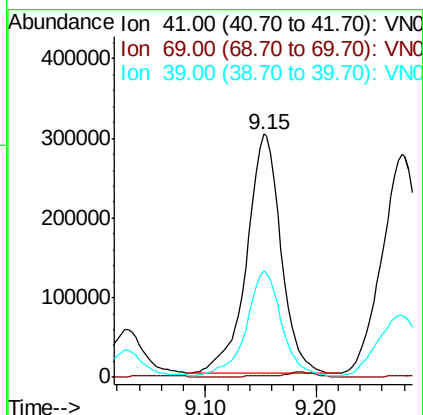
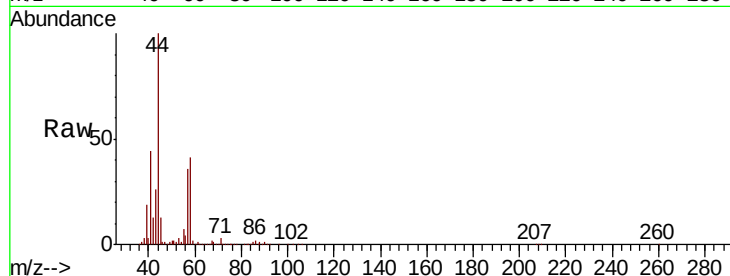




#48  
Methvl methacrylate  
Concen: 108.544 ug/l  
RT: 9.15 min Scan# 2295  
Delta R.T. -0.03 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

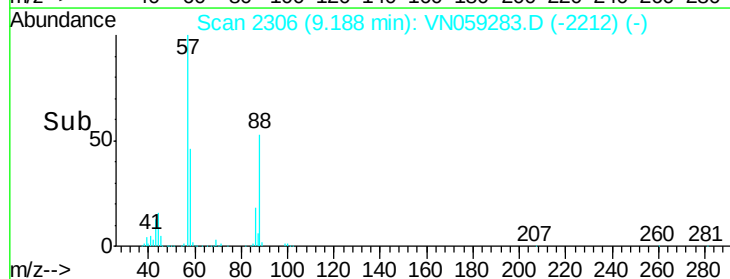
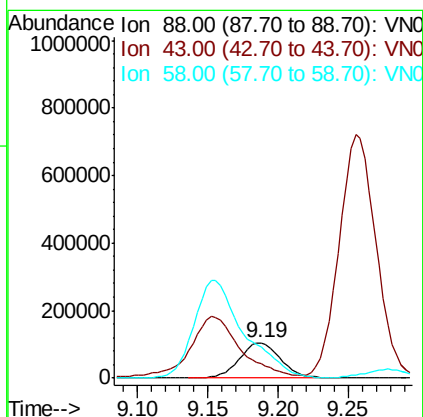
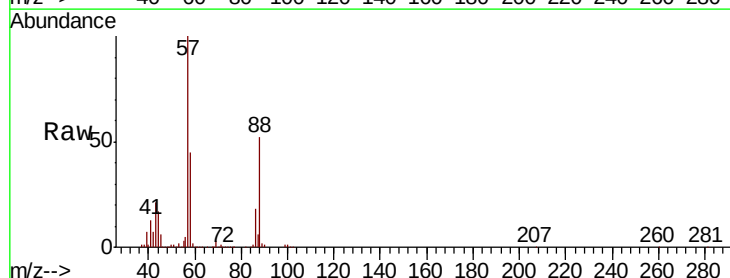
Instrument :  
MSVOA\_N  
ClientSampled :

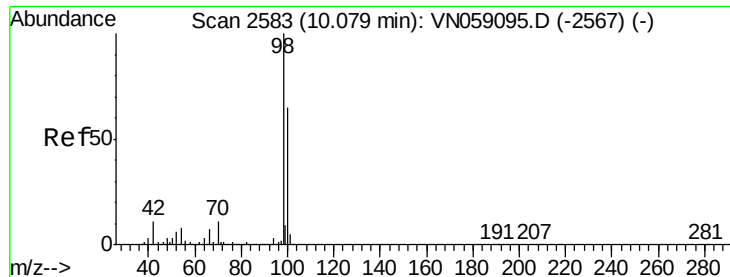
Tot Ion: 41 Resp: 646944  
Ion Ratio Lower Upper  
41 100  
69 0.0 67.3 100.9#  
39 44.3 43.3 64.9



#49  
1,4-Dioxane  
Concen: 2002.516 ug/l  
RT: 9.19 min Scan# 2306  
Delta R.T. 0.00 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

Tgt Ion: 88 Resp: 212110  
Ion Ratio Lower Upper  
88 100  
43 0.0 26.3 39.5#  
58 0.0 60.6 90.8#





#50

Toluene-d8

Concen: 51.844 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

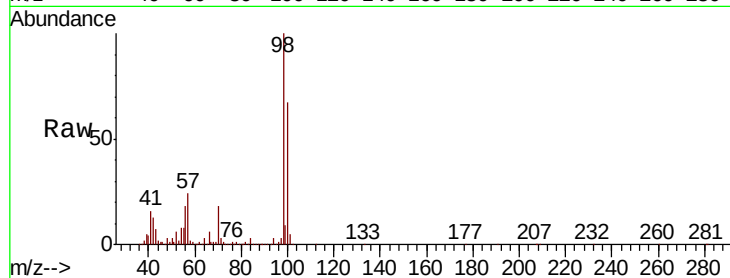
ClientSampleId :

Tot Ion: 98 Resp: 980085

Ion Ratio Lower Upper

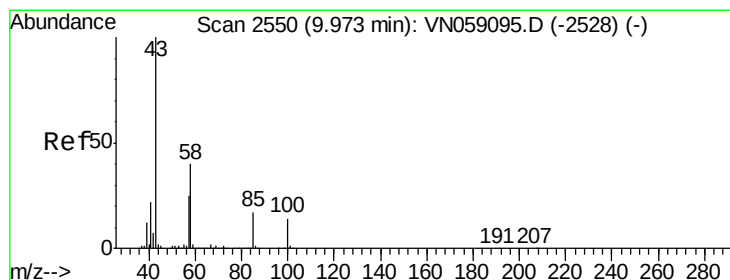
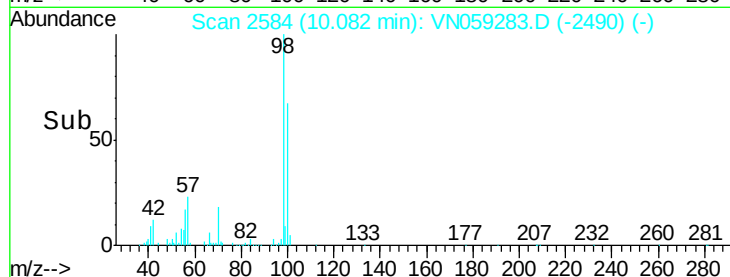
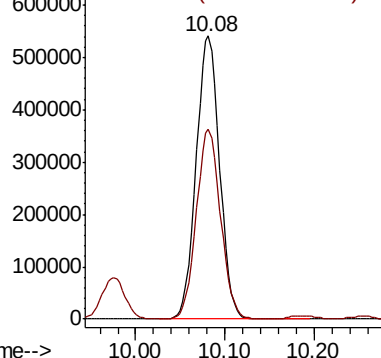
98 100

100 69.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 128.573 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059283.D

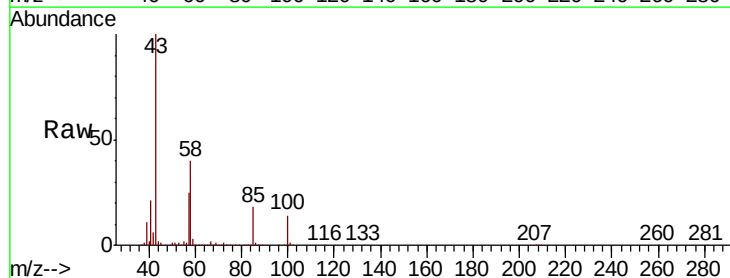
Acq: 18 Nov 2019 15:00

Tgt Ion: 43 Resp: 969391

Ion Ratio Lower Upper

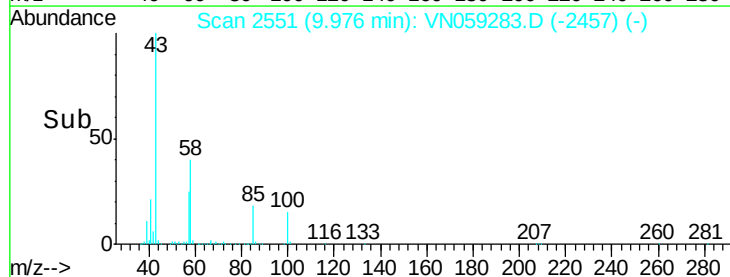
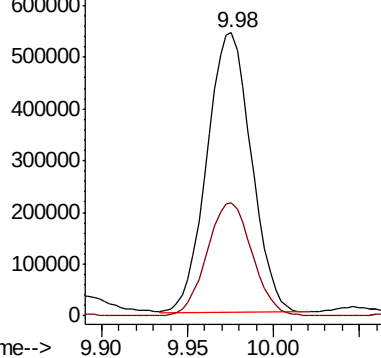
43 100

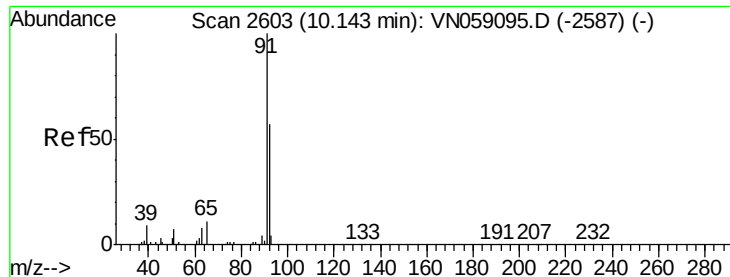
58 41.2 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 428.203 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

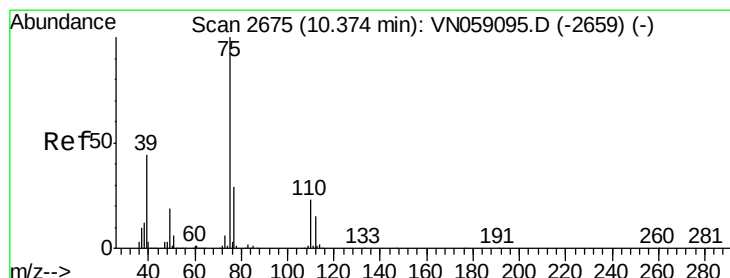
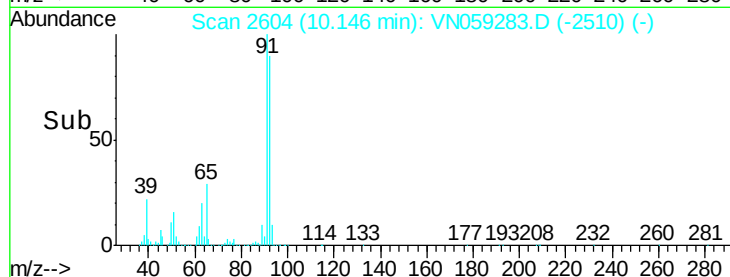
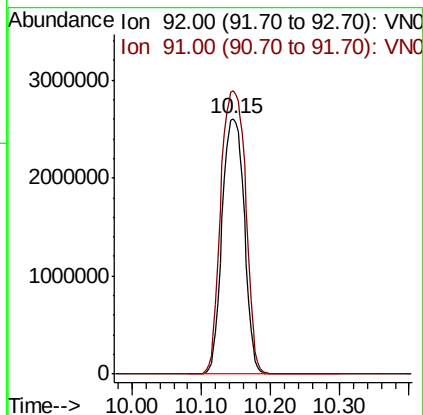
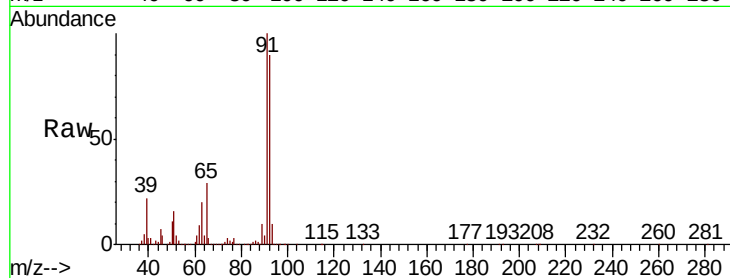
ClientSampleId :

Tot Ion: 92 Resp: 5806671

Ion Ratio Lower Upper

92 100

91 125.0 139.5 209.3#



#53

t-1,3-Dichloropropene

Concen: 4.649 ug/l

RT: 10.45 min Scan# 2699

Delta R.T. 0.08 min

Lab File: VN059283.D

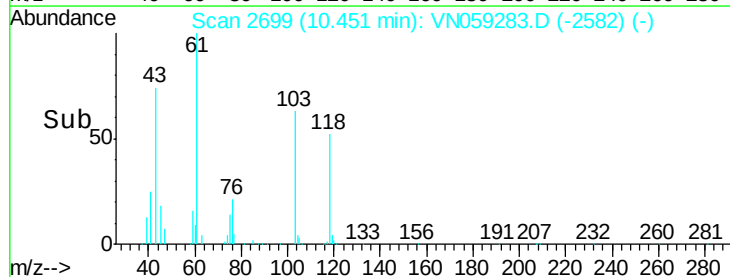
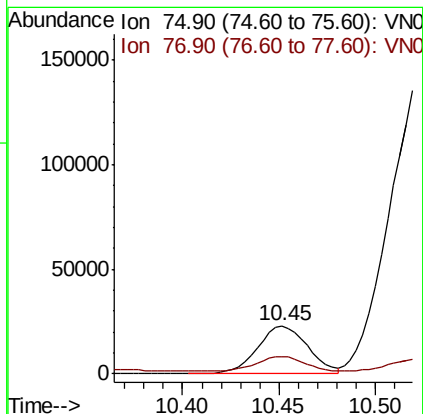
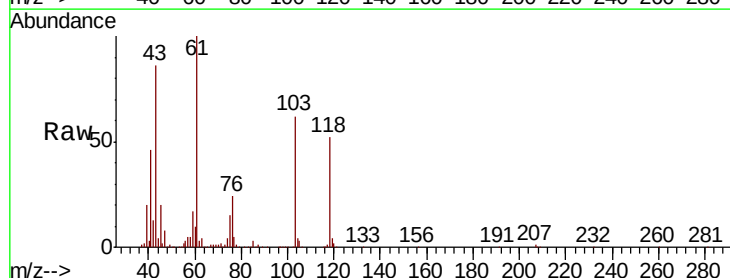
Acq: 18 Nov 2019 15:00

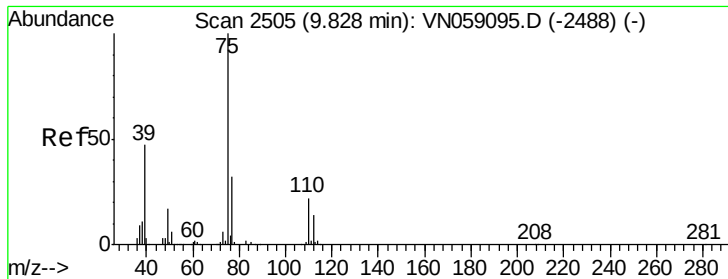
Tgt Ion: 75 Resp: 41071

Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9





#54

cis-1,3-Dichloropropene

Concen: 7.614 ug/l

RT: 9.80 min Scan# 2496

Delta R.T. -0.03 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :  
MSVOA\_N  
ClientSampleId :

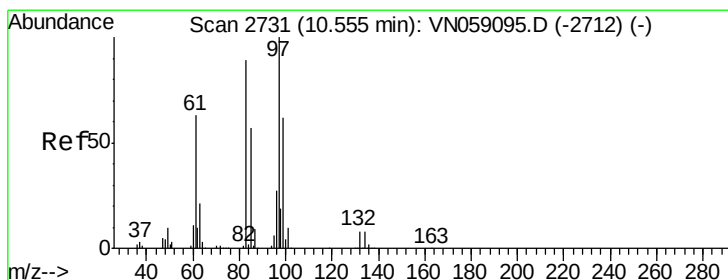
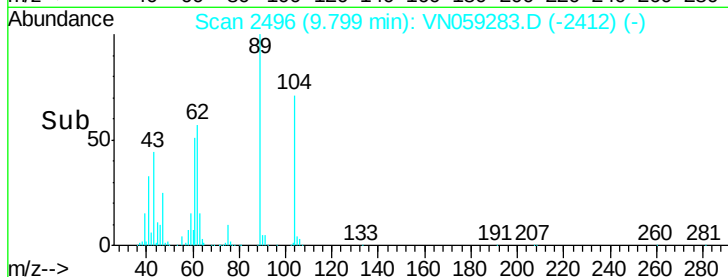
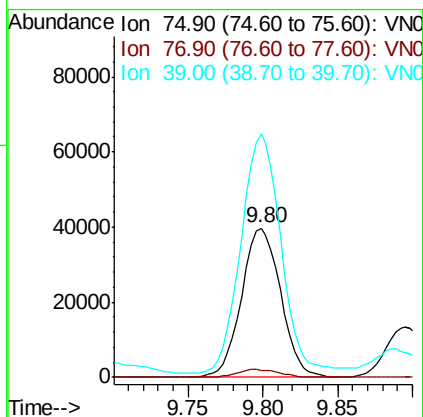
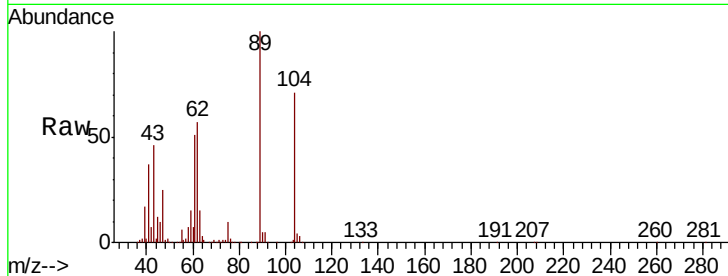
Tot Ion: 75 Resp: 72356

Ion Ratio Lower Upper

75 100

77 4.8 25.5 38.3#

39 160.5 37.3 55.9#



#55

1,1,2-Trichloroethane

Concen: 0.363 ug/l

RT: 10.52 min Scan# 2721

Delta R.T. -0.03 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Tgt Ion: 97 Resp: 1990

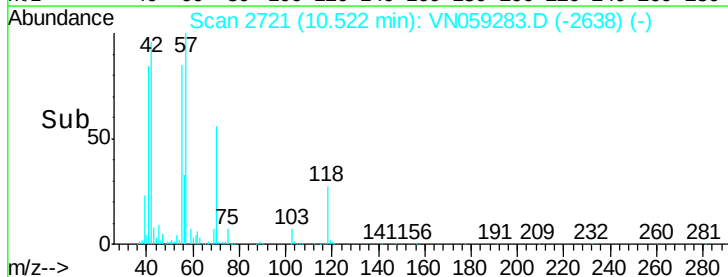
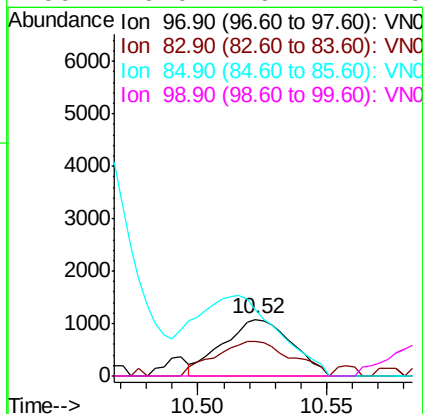
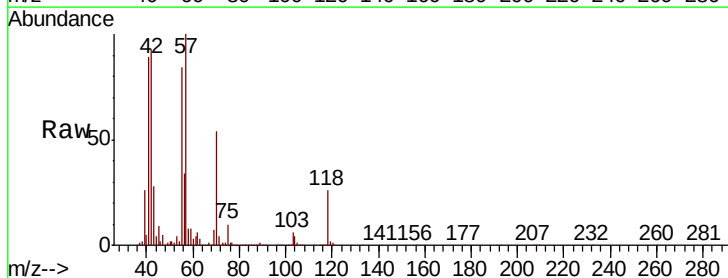
Ion Ratio Lower Upper

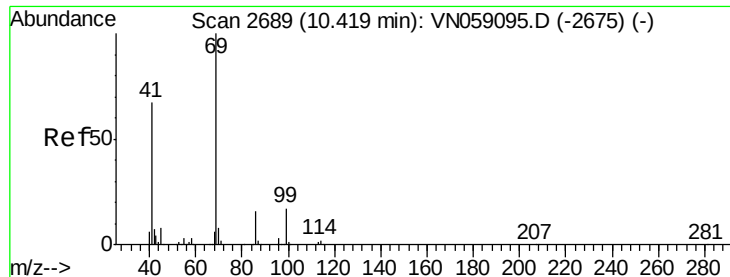
97 100

83 46.1 71.0 106.4#

85 116.4 45.8 68.8#

99 0.0 49.4 74.0#





#56

Ethyl methacrylate

Concen: 14.683 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.07 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

ClientSampleId :

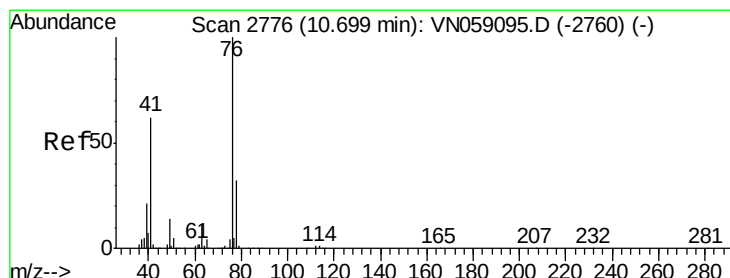
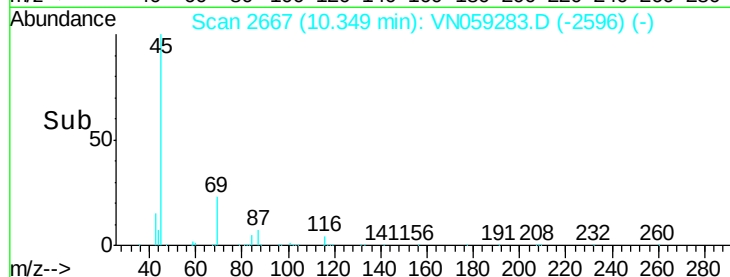
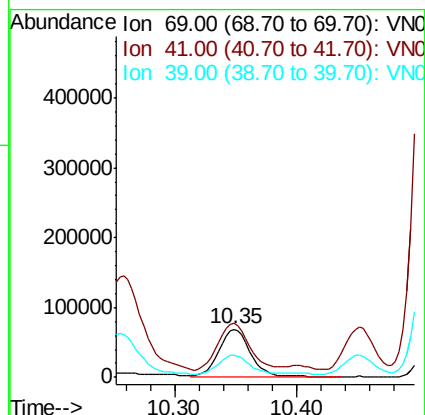
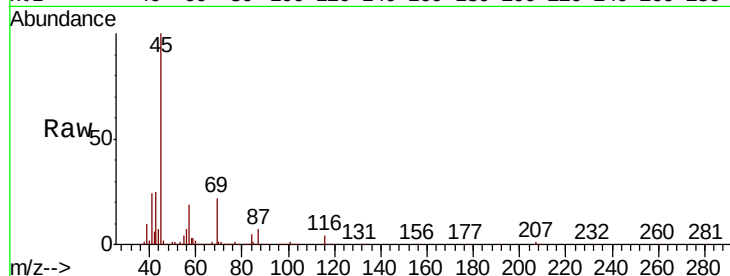
Tot Ion: 69 Resp: 121819

Ion Ratio Lower Upper

69 100

41 99.8 53.6 80.4#

39 40.8 26.2 39.4#



#57

1,3-Dichloropropane

Concen: 0.741 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059283.D

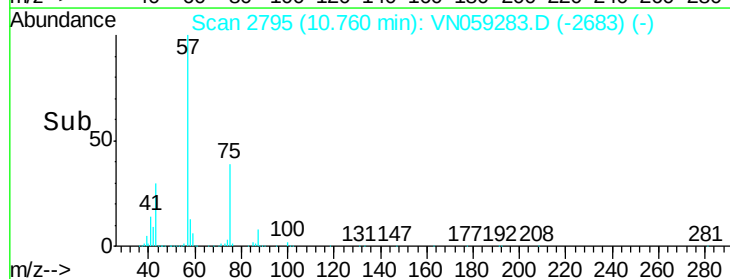
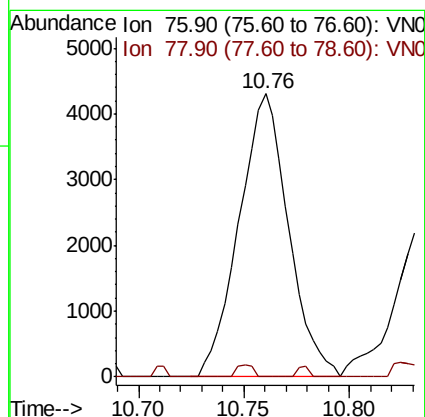
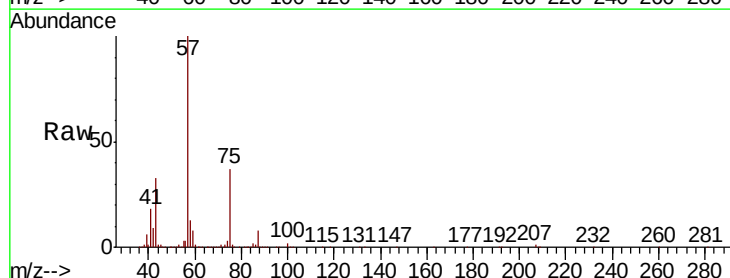
Acq: 18 Nov 2019 15:00

Tgt Ion: 76 Resp: 6998

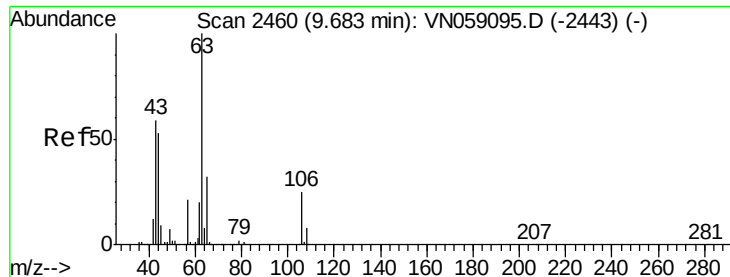
Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



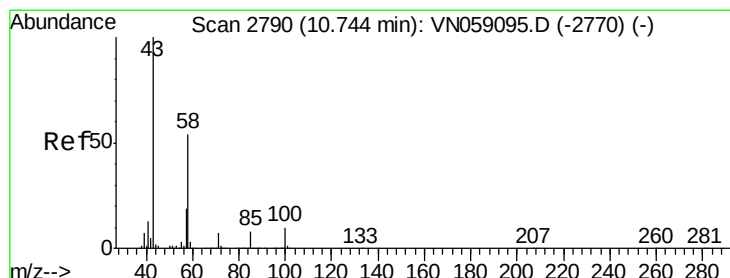
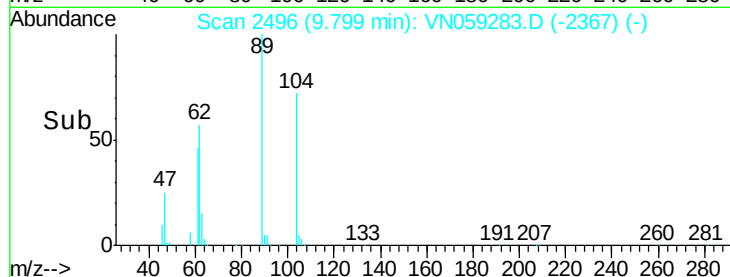
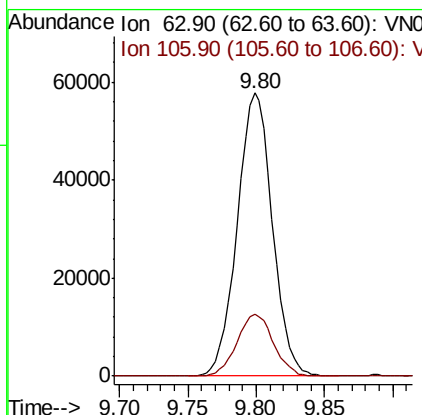
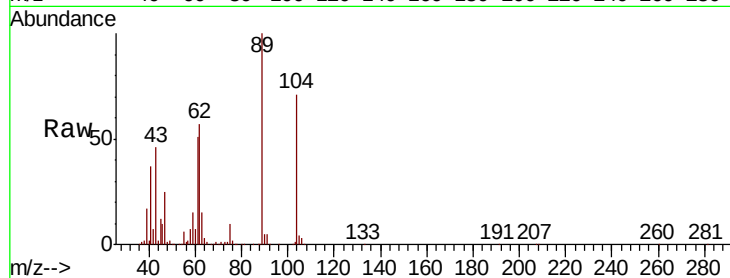




#58  
2-Chloroethyl Vinyl ether  
Concen: 33.774 ug/l  
RT: 9.80 min Scan# 2496  
Delta R.T. 0.12 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

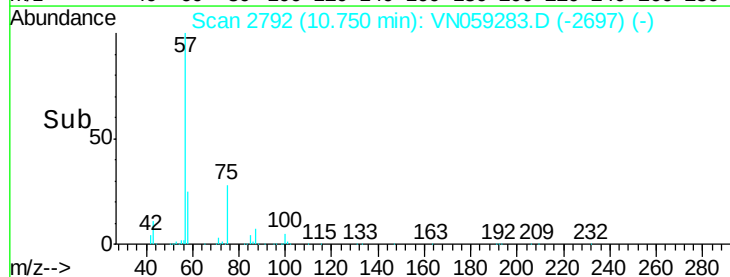
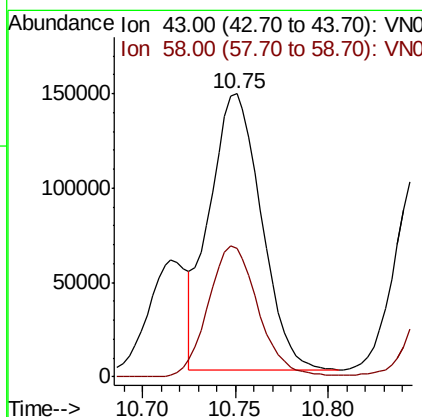
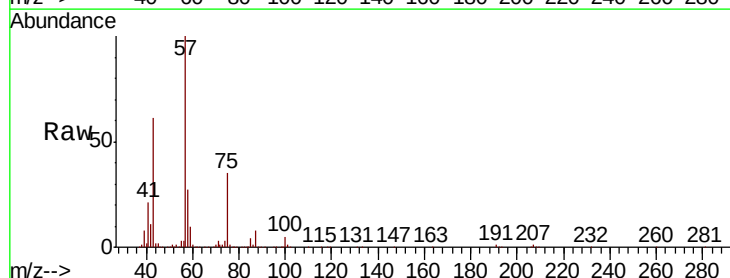
Instrument :  
MSVOA\_N  
ClientSampleId :

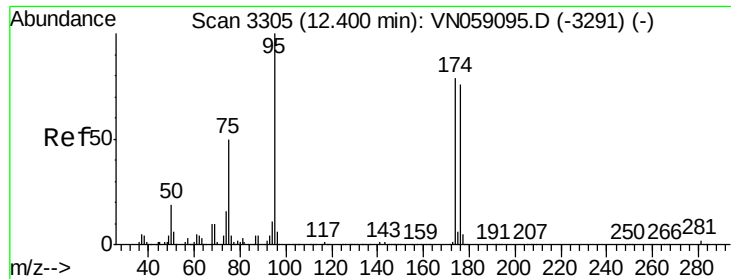
Tot Ion: 63 Resp: 103155  
Ion Ratio Lower Upper  
63 100  
106 22.6 20.2 30.2



#59  
2-Hexanone  
Concen: 48.945 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.01 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

Tgt Ion: 43 Resp: 283245  
Ion Ratio Lower Upper  
43 100  
58 45.2 27.3 81.8

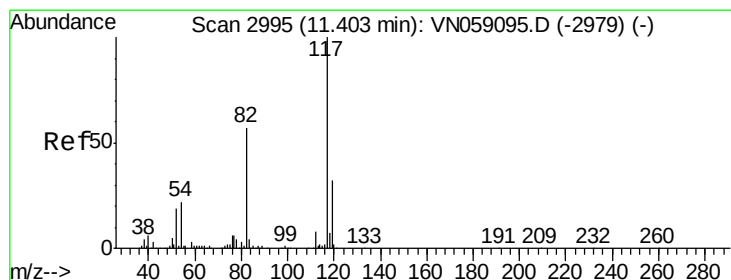
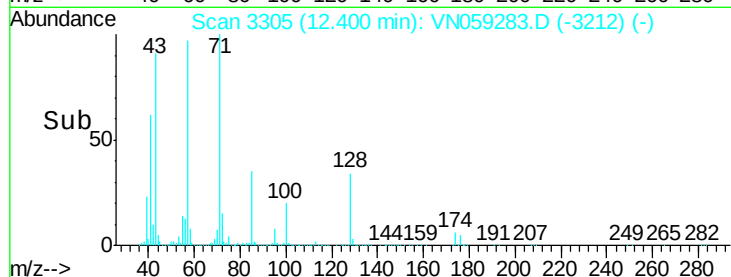
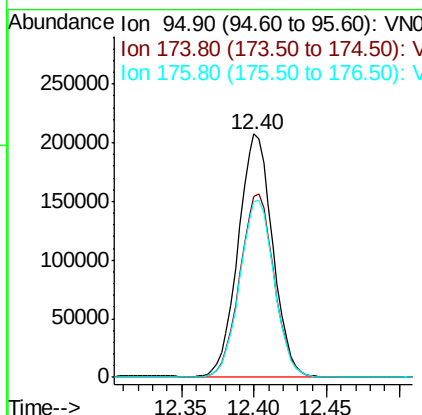
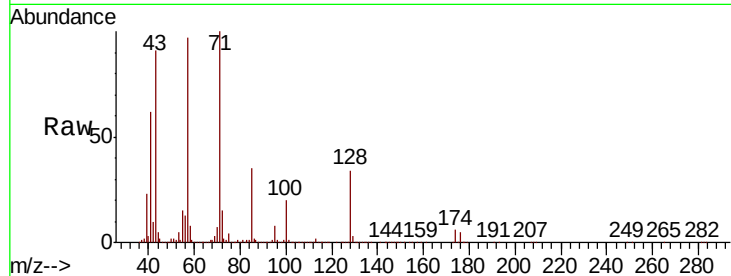




#62  
4-Bromofluorobenzene  
Concen: 49.865 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.00 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

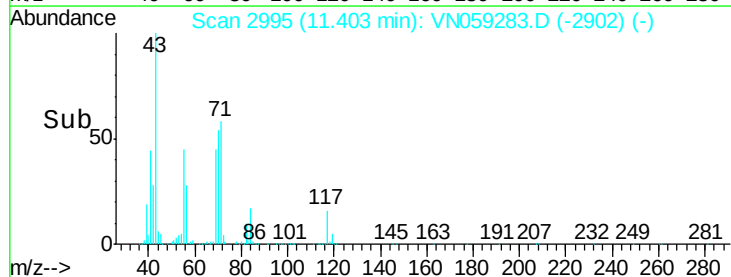
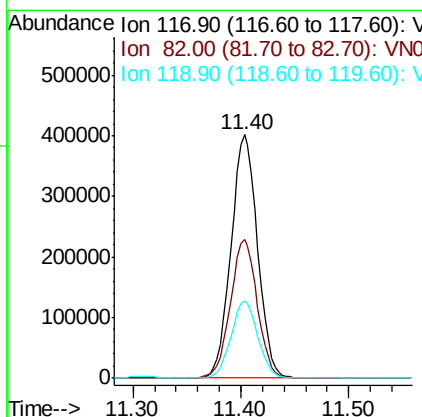
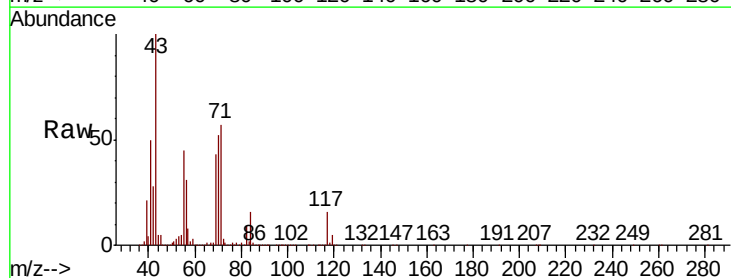
Instrument :  
MSVOA\_N  
ClientSampled :

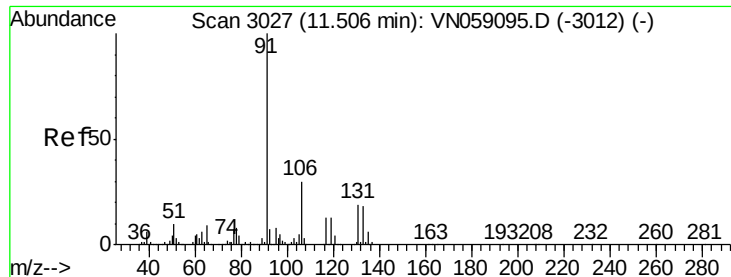
| Tot Ion   | 95    | Resp  | 339893 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 75.6  | 0.0   | 158.2  |
| 176       | 73.2  | 0.0   | 151.8  |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2995  
Delta R.T. -0.00 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

| Tgt Ion   | 117   | Resp  | 687449 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 57.1  | 45.8  | 68.8   |
| 119       | 32.0  | 25.8  | 38.6   |





#66

1,1,1,2-Tetrachloroethane

Concen: 0.601 ug/l

RT: 11.74 min Scan# 3101

Delta R.T. 0.24 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

ClientSampleId :

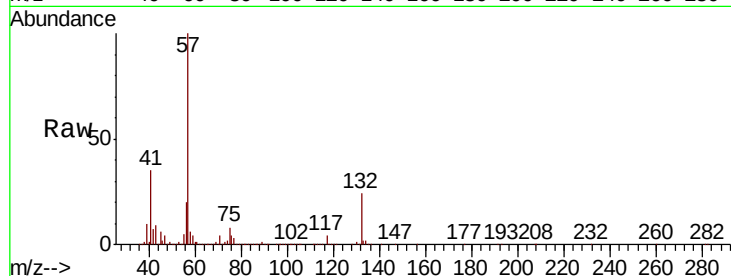
Tot Ion:131 Resp: 3023

Ion Ratio Lower Upper

131 100

133 1755.7 47.4 142.3#

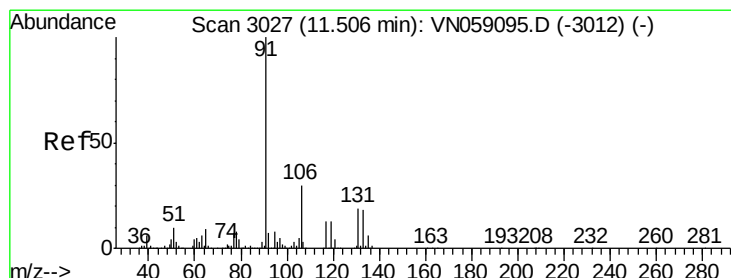
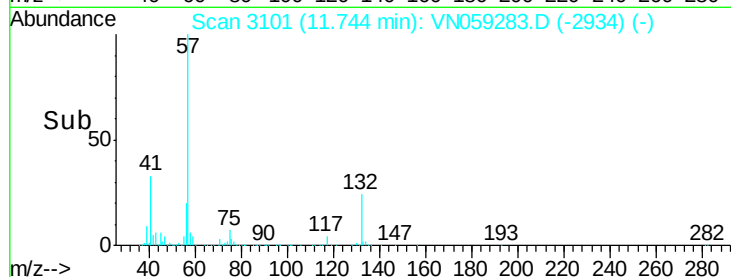
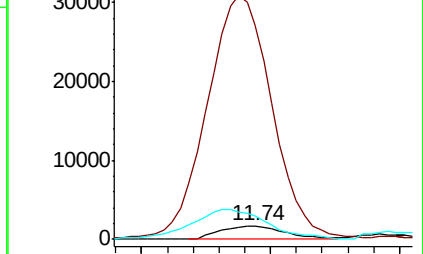
119 262.6 33.2 99.6#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 230.709 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059283.D

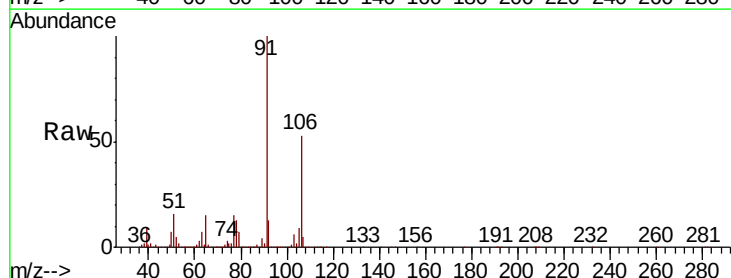
Acq: 18 Nov 2019 15:00

Tgt Ion: 91 Resp: 5485454

Ion Ratio Lower Upper

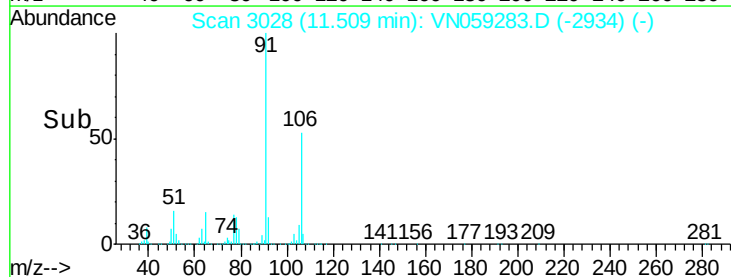
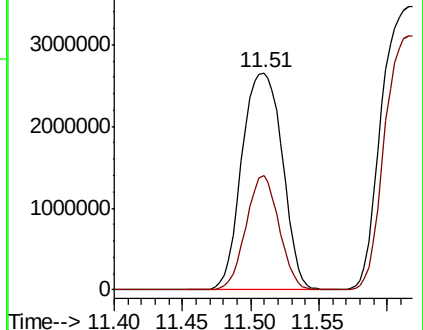
91 100

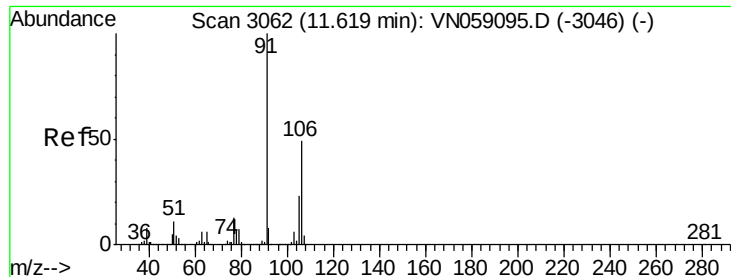
106 52.7 24.1 36.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

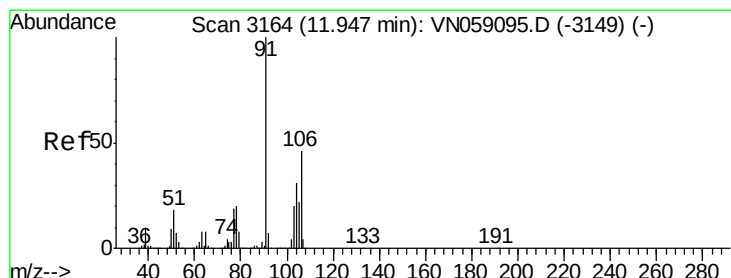
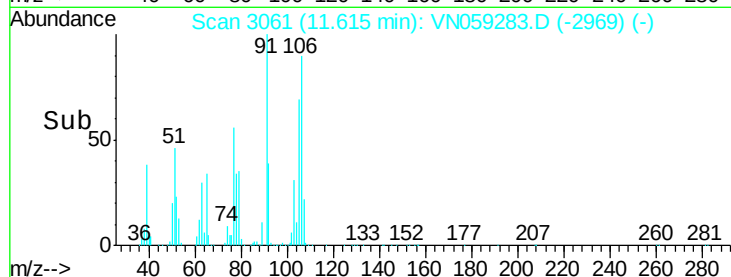
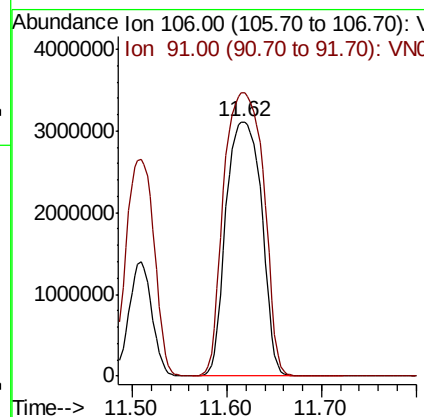
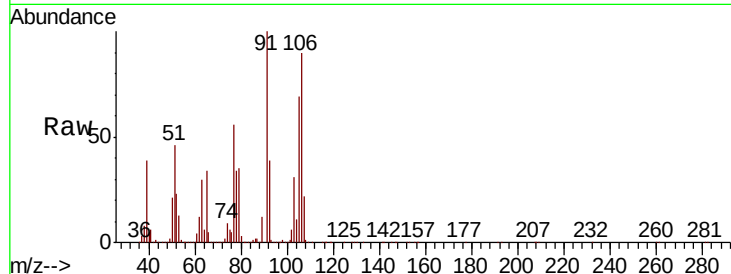




#68  
m/p-Xylenes  
Concen: 914.039 ug/l  
RT: 11.62 min Scan# 3061  
Delta R.T. -0.00 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

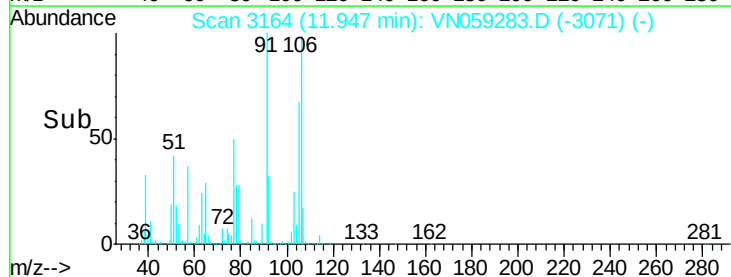
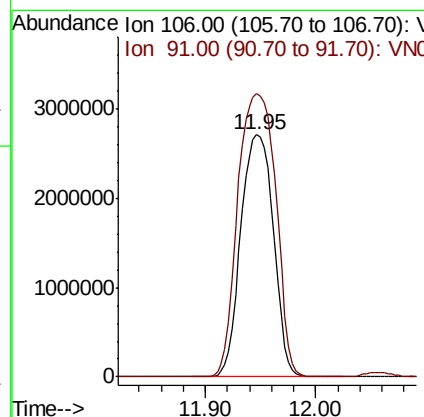
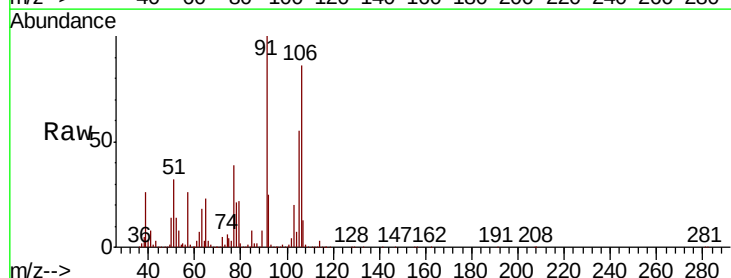
Instrument :  
MSVOA\_N  
ClientSampled :

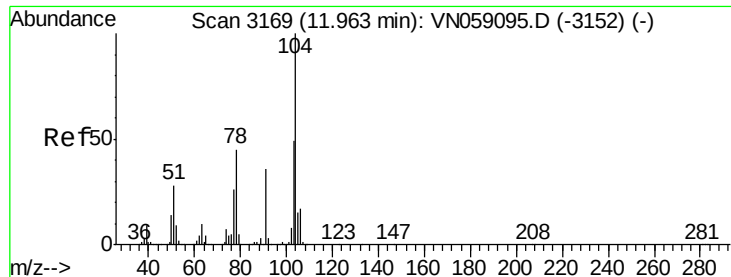
Tot Ion:106 Resp: 8140798  
Ion Ratio Lower Upper  
106 100  
91 124.8 164.7 247.1#



#69  
o-Xylene  
Concen: 645.021 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

Tgt Ion:106 Resp: 5551789  
Ion Ratio Lower Upper  
106 100  
91 136.7 110.1 330.3

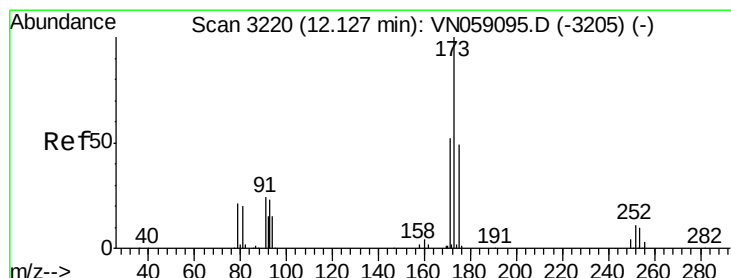
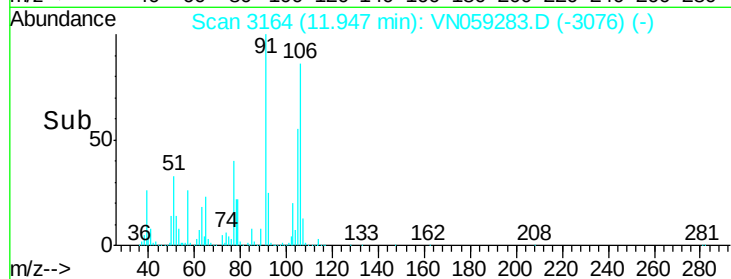
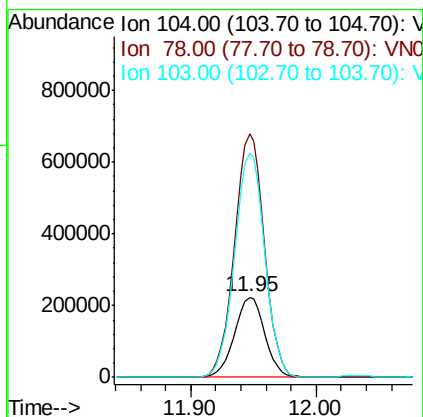
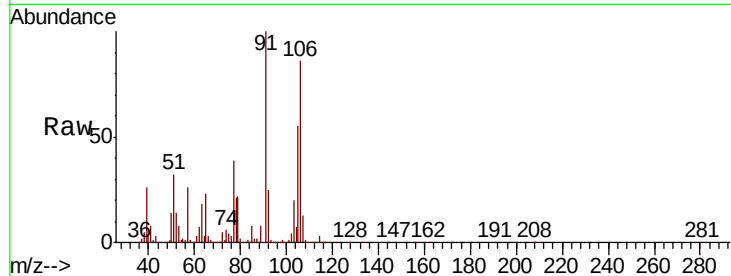




#70  
Stvrene  
Concen: 27.616 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.02 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

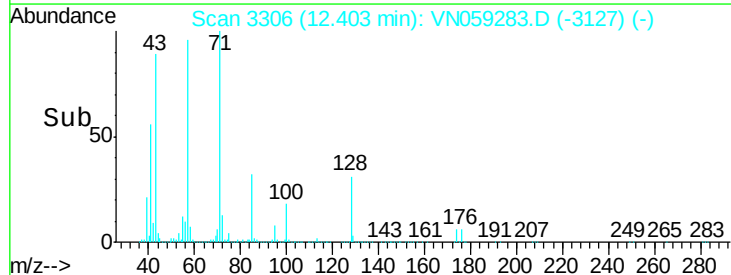
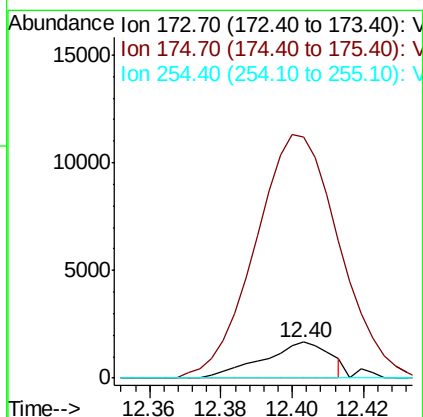
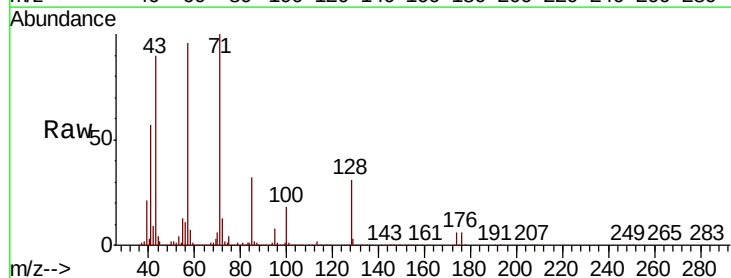
Instrument :  
MSVOA\_N  
ClientSampled :

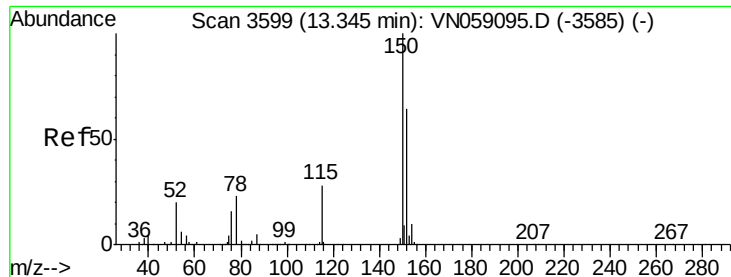
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 300.1 | 41.2  | 61.8# |
| 103     | 278.8 | 43.8  | 65.6# |



#71  
Bromoform  
Concen: 0.553 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.28 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 752.8 | 24.2  | 72.6# |
| 254     | 0.0   | 0.1   | 0.1#  |

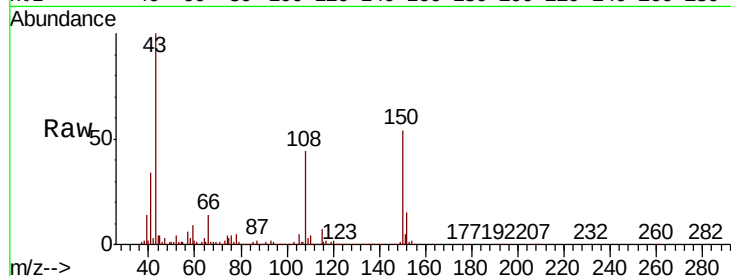




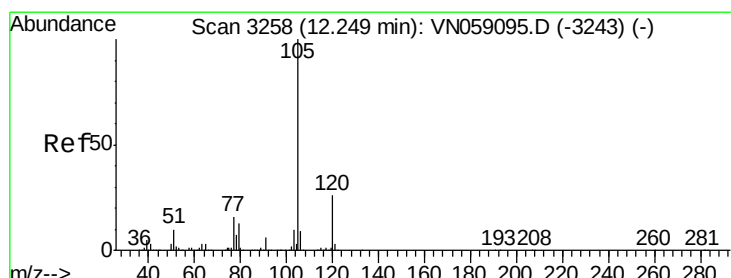
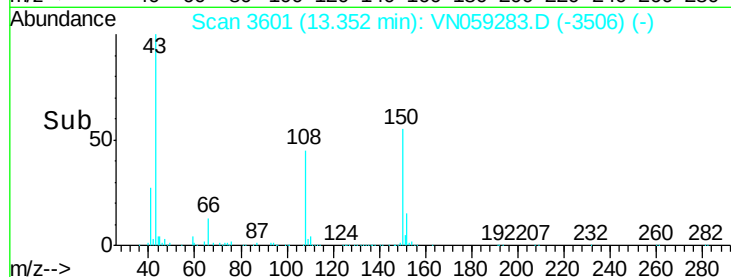
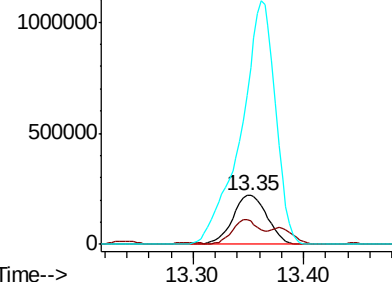
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.35 min Scan# 3601  
 Delta R.T. 0.01 min  
 Lab File: VN059283.D  
 Acq: 18 Nov 2019 15:00

Instrument :  
 MSVOA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 152     | 100   |       |        |
| 115     | 37.4  | 29.4  | 88.2   |
| 150     | 496.9 | 0.0   | 345.8# |

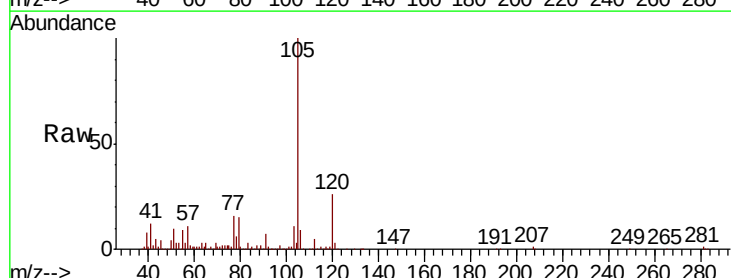


Abundance Ion 151.90 (151.60 to 152.60): V  
 Ion 114.90 (114.60 to 115.60): V  
 Ion 149.90 (149.60 to 150.60): V

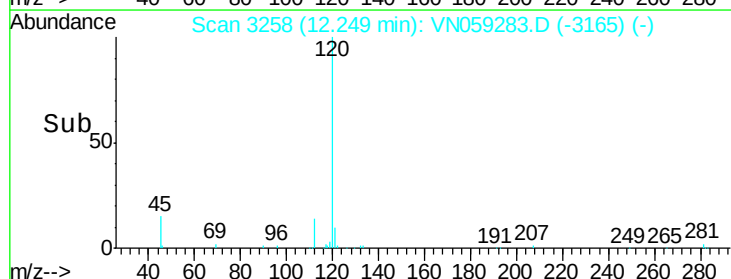
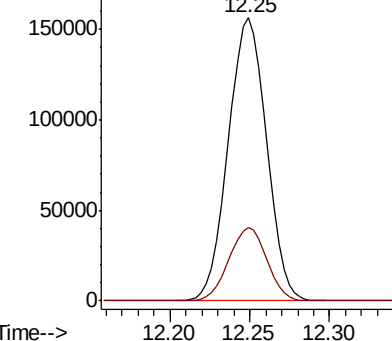


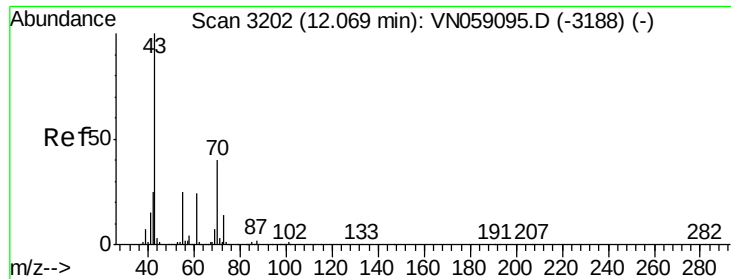
#73  
 Isopropylbenzene  
 Concen: 7.378 ug/l  
 RT: 12.25 min Scan# 3258  
 Delta R.T. -0.00 min  
 Lab File: VN059283.D  
 Acq: 18 Nov 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.8  | 13.1  | 39.3  |



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





#74

N-amvl acetate

Concen: 145.149 ug/l

RT: 11.99 min Scan# 3179

Delta R.T. -0.07 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

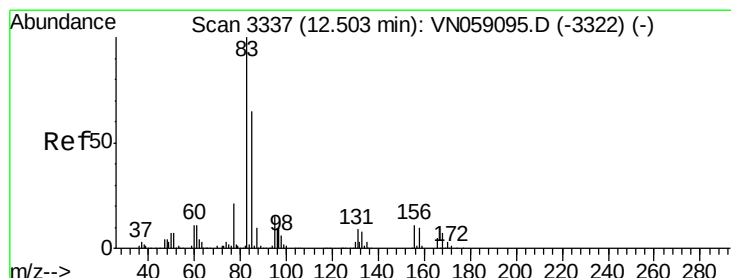
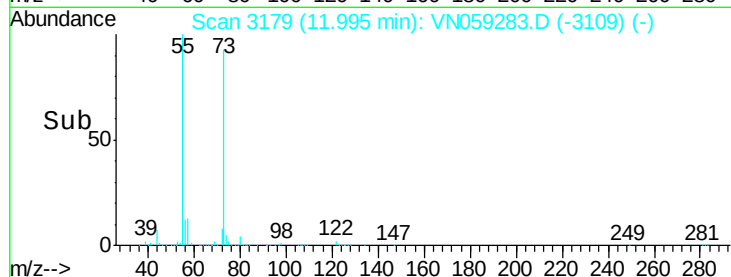
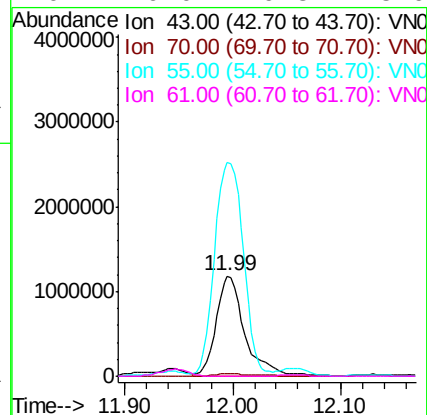
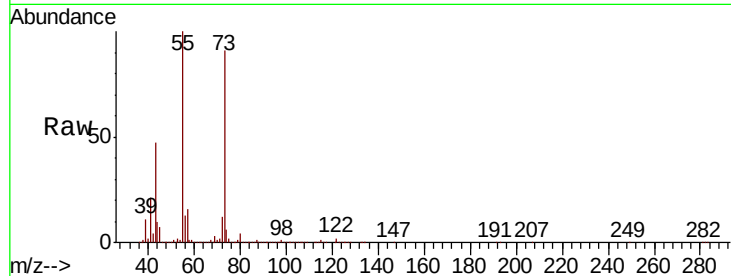
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 43 Resp: 2134781

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 2.6   | 32.2  | 48.4# |
| 55  | 218.9 | 20.4  | 30.6# |
| 61  | 0.0   | 19.3  | 28.9# |



#75

1,1,2,2-Tetrachloroethane

Concen: 32.404 ug/l

RT: 12.55 min Scan# 3351

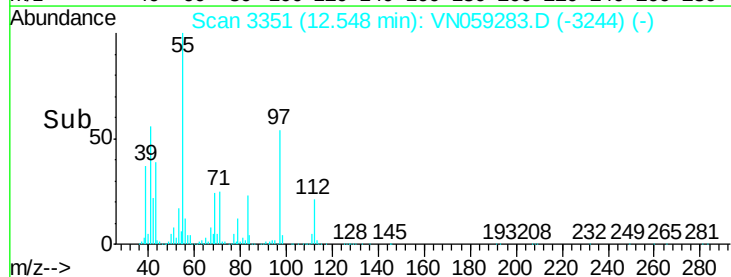
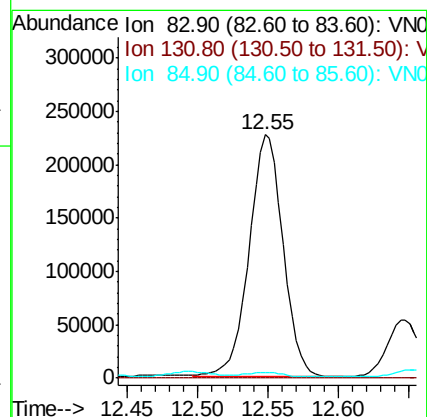
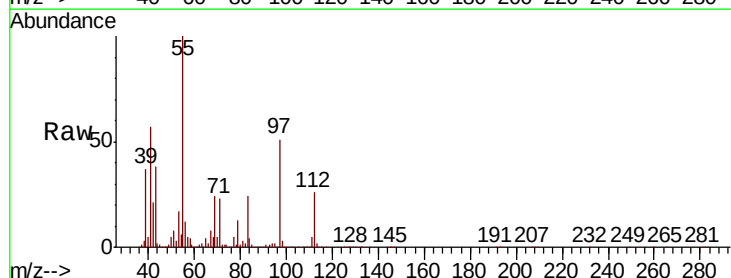
Delta R.T. 0.04 min

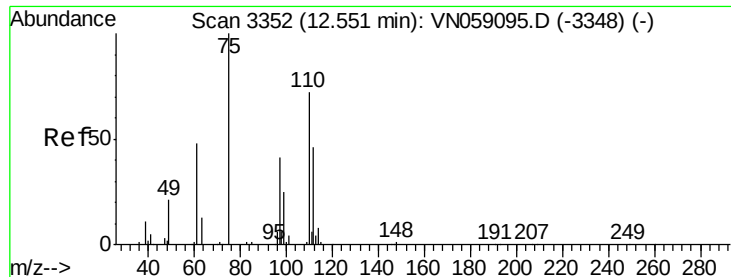
Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Tgt Ion: 83 Resp: 383013

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 0.0   | 4.9   | 14.6# |
| 85  | 0.0   | 32.4  | 97.2# |





#76

1,2,3-Trichloropropane

Concen: 0.685 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.04 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

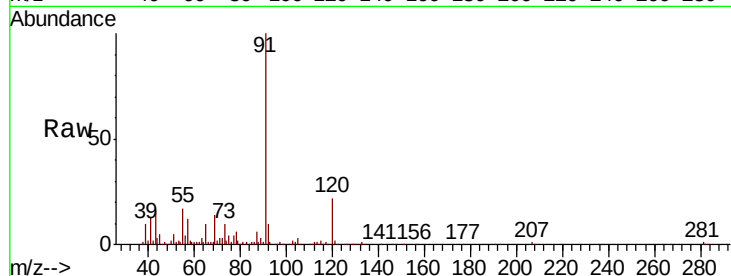
ClientSampleId :

Tot Ion: 75 Resp: 7446

Ion Ratio Lower Upper

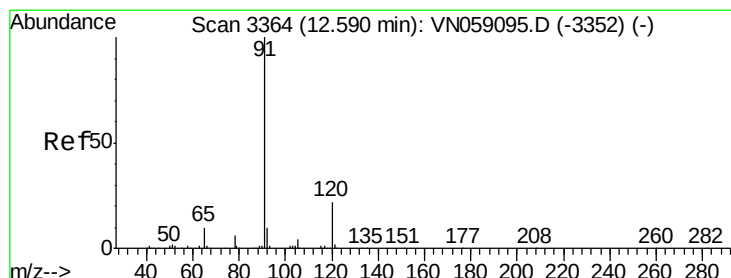
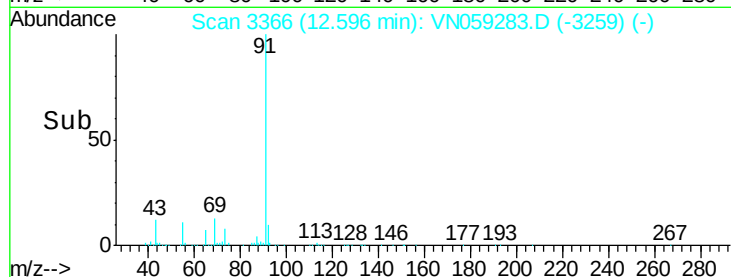
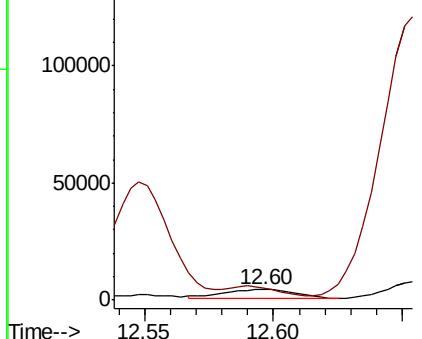
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 5.347 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059283.D

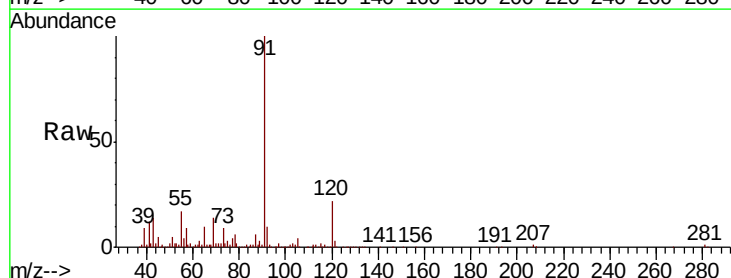
Acq: 18 Nov 2019 15:00

Tgt Ion: 91 Resp: 212500

Ion Ratio Lower Upper

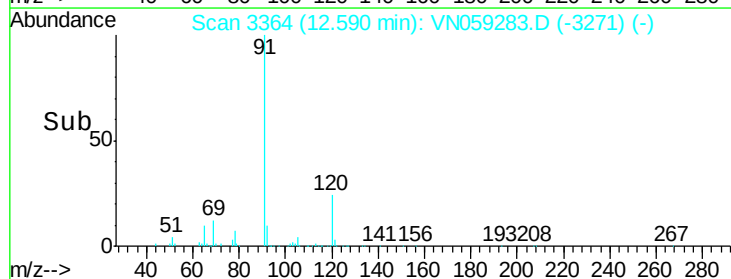
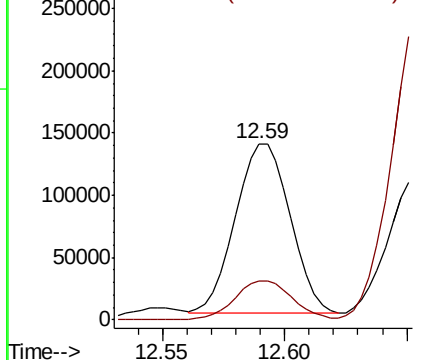
91 100

120 24.3 11.2 33.5

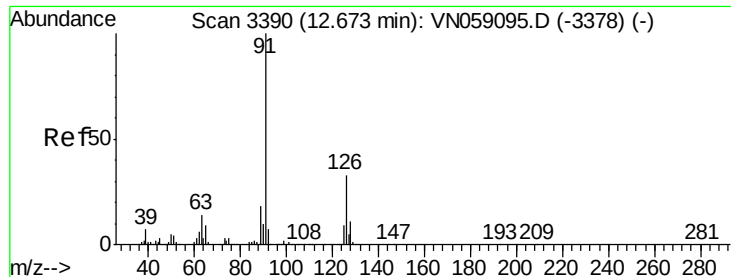


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



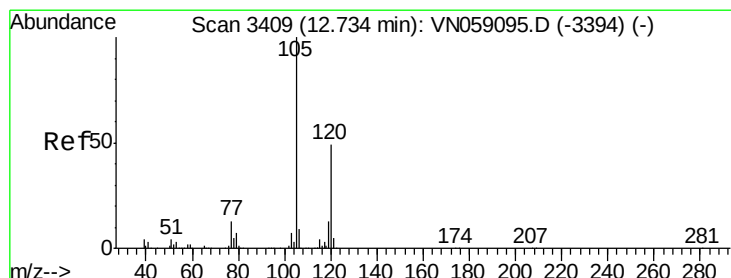
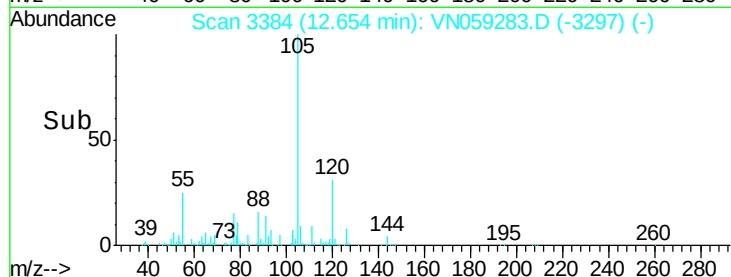
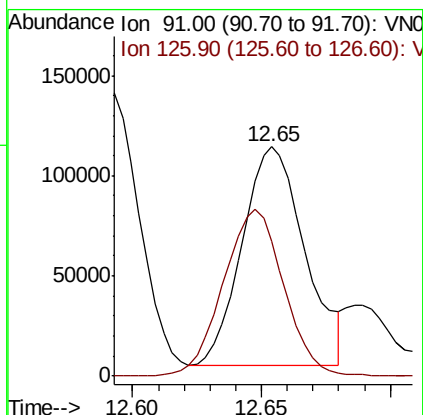
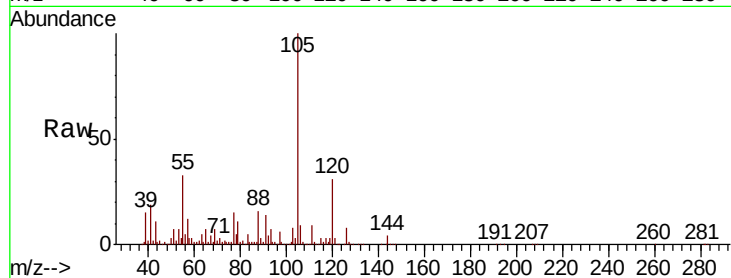




#79  
2-Chlorotoluene  
Concen: 7.527 ug/l  
RT: 12.65 min Scan# 3384  
Delta R.T. -0.02 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

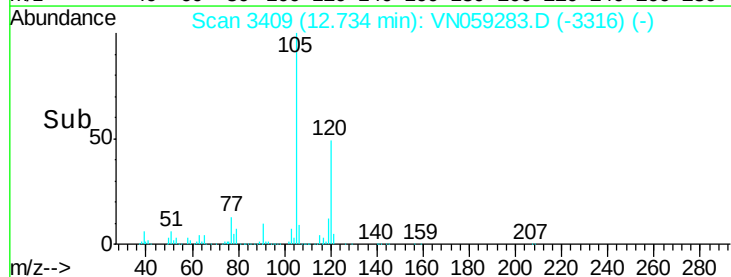
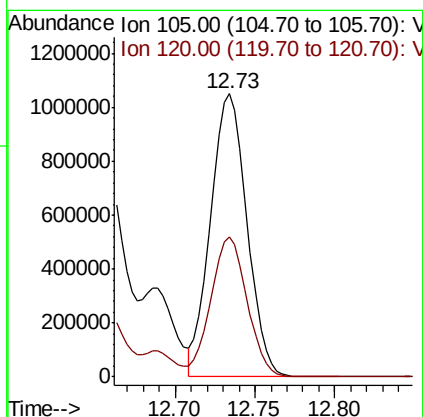
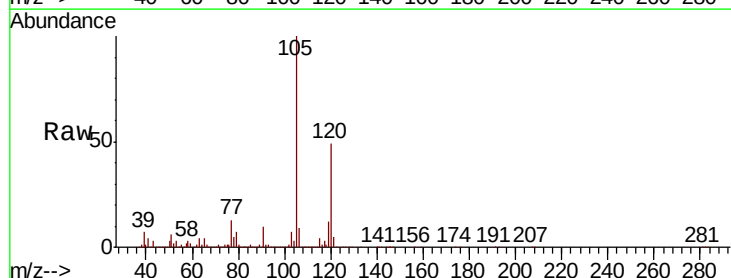
Instrument :  
MSVOA\_N  
ClientSampleId :

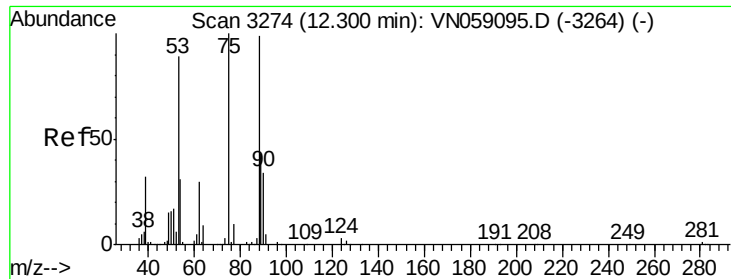
Tot Ion: 91 Resp: 185559  
Ion Ratio Lower Upper  
91 100  
126 73.3 16.7 50.1#



#80  
1,3,5-Trimethylbenzene  
Concen: 55.990 ug/l  
RT: 12.73 min Scan# 3409  
Delta R.T. -0.00 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

Tgt Ion: 105 Resp: 1646712  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.0 72.0

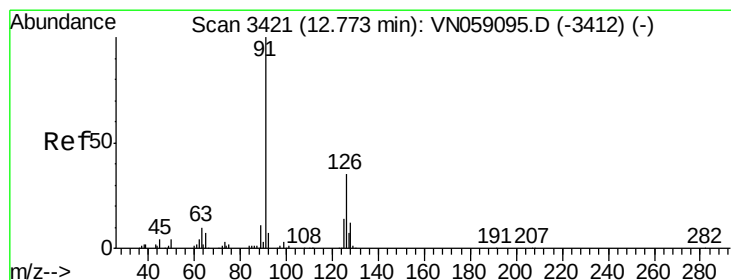
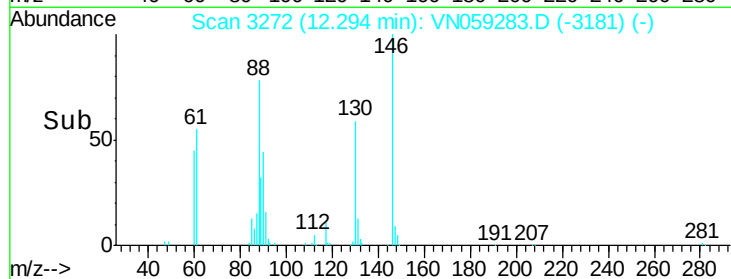
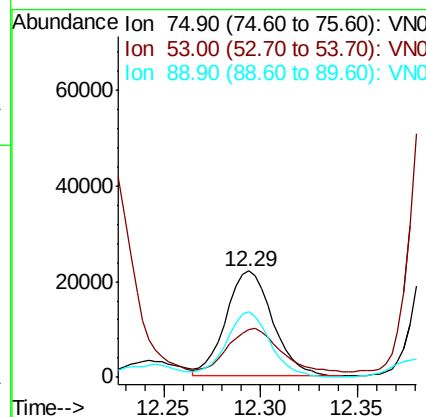
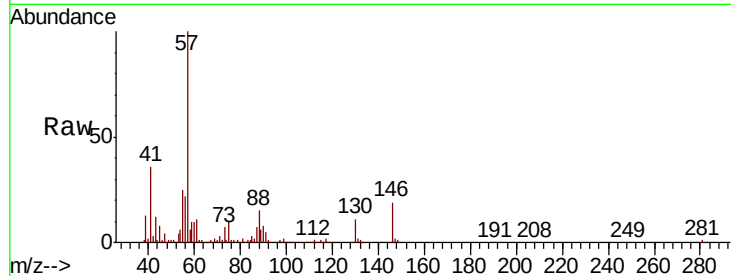




#81  
trans-1,4-Dichloro-2-butene  
Concen: 9.008 ug/l  
RT: 12.29 min Scan# 3272  
Delta R.T. -0.01 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

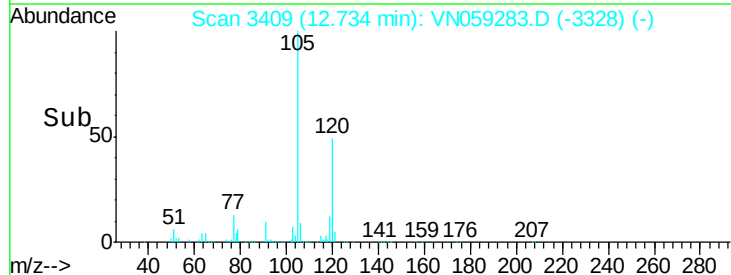
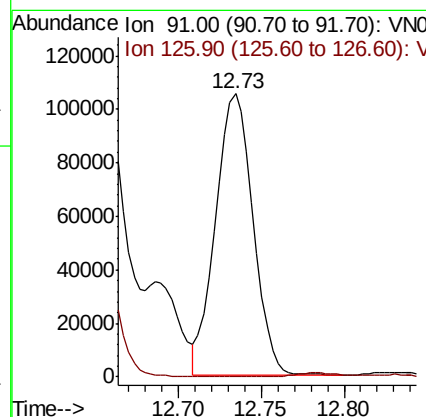
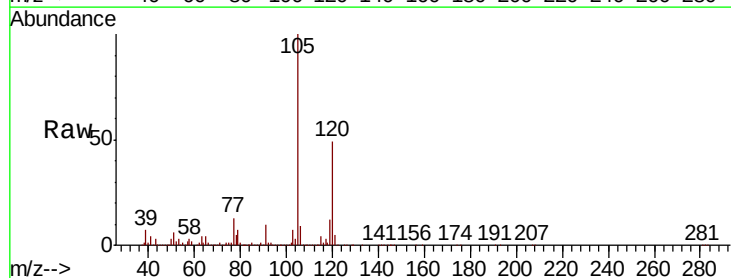
Instrument :  
MSVOA\_N  
ClientSampled :

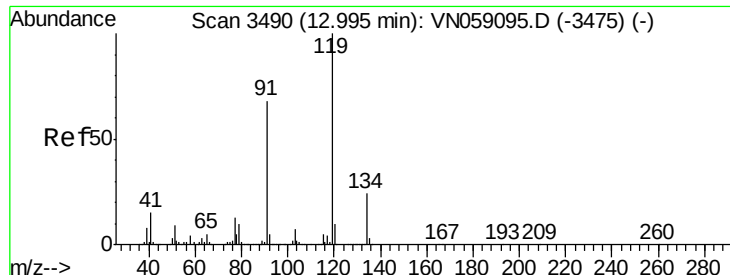
Tot Ion: 75 Resp: 37049  
Ion Ratio Lower Upper  
75 100  
53 44.8 72.2 108.2#  
89 58.0 35.8 53.8#



#82  
4-Chlorotoluene  
Concen: 6.708 ug/l  
RT: 12.73 min Scan# 3409  
Delta R.T. -0.04 min  
Lab File: VN059283.D  
Acq: 18 Nov 2019 15:00

Tgt Ion: 91 Resp: 165871  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.1 48.2#

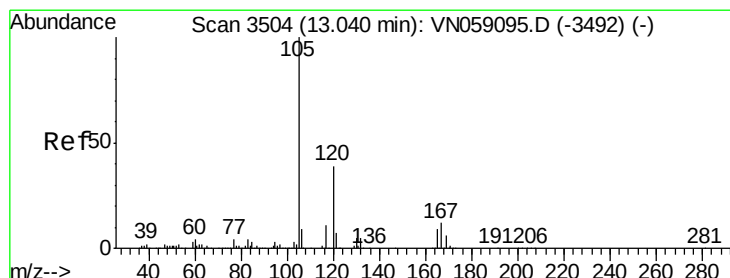
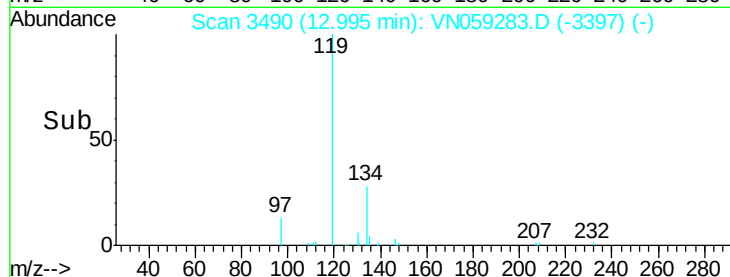
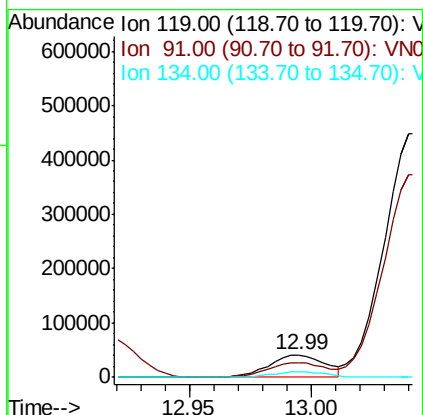
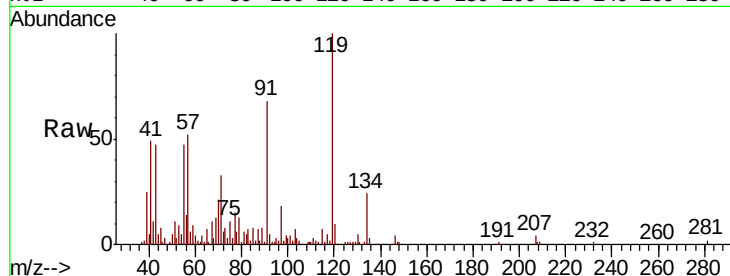




#83  
 tert-Butylbenzene  
 Concen: 2.545 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. -0.00 min  
 Lab File: VN059283.D  
 Acq: 18 Nov 2019 15:00

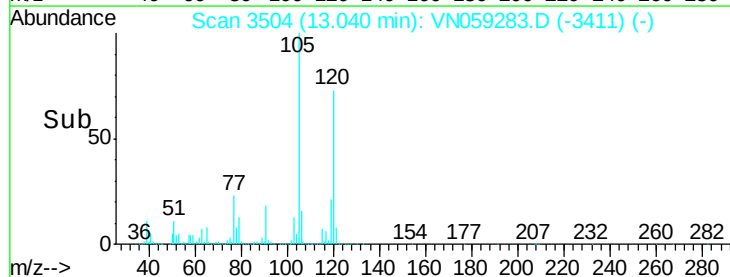
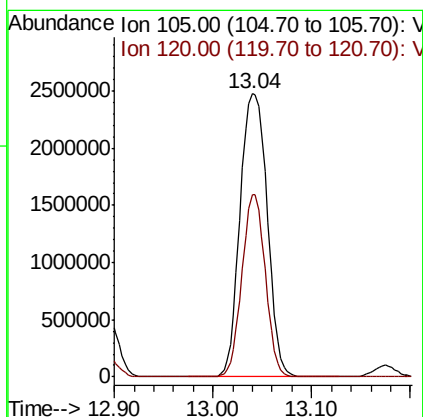
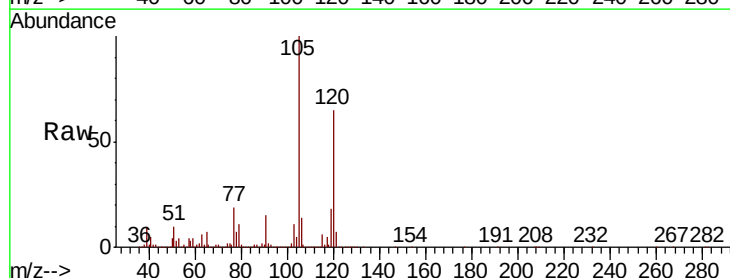
Instrument :  
 MSVOA\_N  
 ClientSampleId :

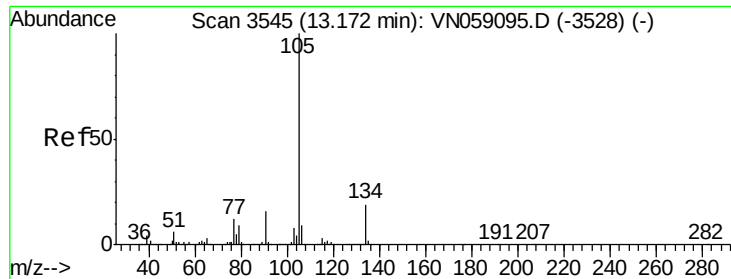
Tot Ion:119 Resp: 64635  
 Ion Ratio Lower Upper  
 119 100  
 91 67.3 33.2 99.6  
 134 25.1 12.7 38.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 165.634 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. -0.00 min  
 Lab File: VN059283.D  
 Acq: 18 Nov 2019 15:00

Tgt Ion:105 Resp: 4713075  
 Ion Ratio Lower Upper  
 105 100  
 120 55.6 22.8 68.4

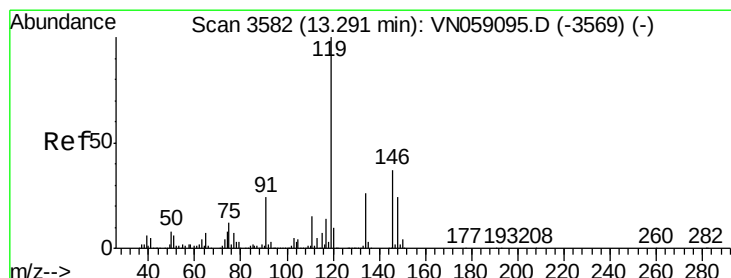
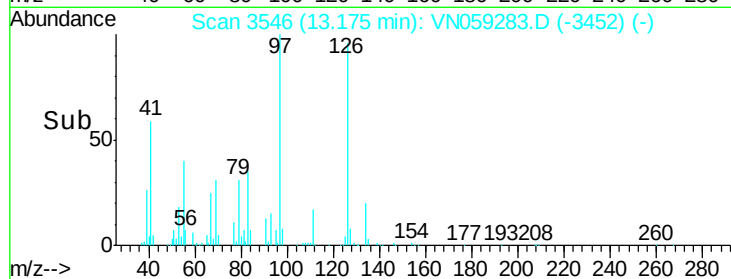
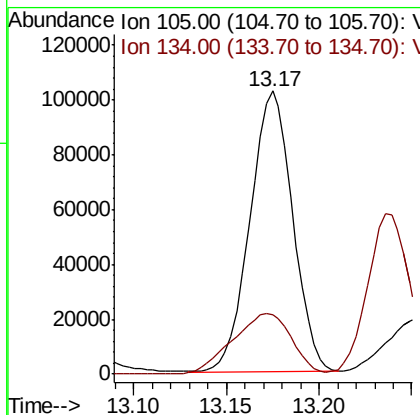
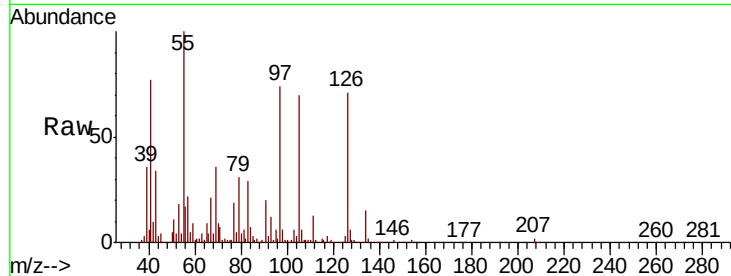




#85  
 sec-Butylbenzene  
 Concen: 4.936 ug/l  
 RT: 13.17 min Scan# 3546  
 Delta R.T. 0.00 min  
 Lab File: VN059283.D  
 Acq: 18 Nov 2019 15:00

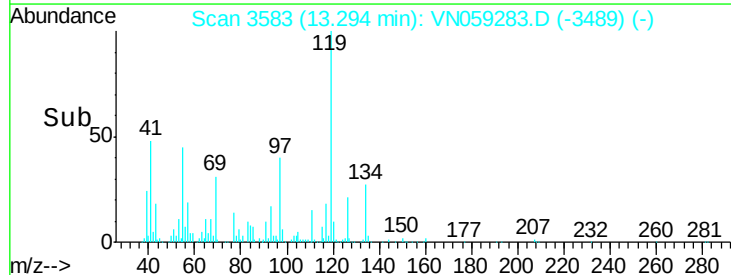
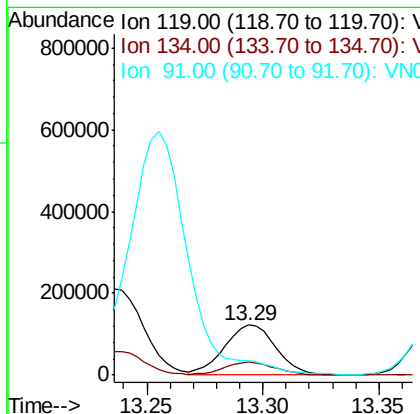
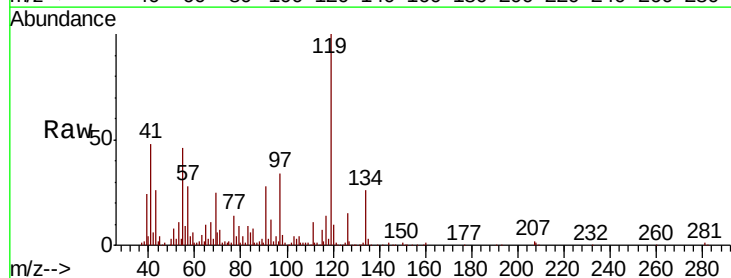
Instrument :  
 MSVOA\_N  
 ClientSampled :

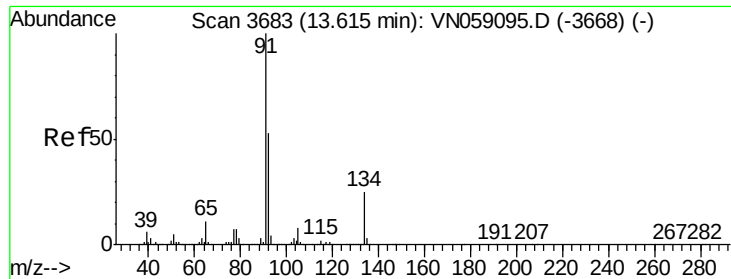
Tot Ion:105 Resp: 163032  
 Ion Ratio Lower Upper  
 105 100  
 134 29.9 9.7 29.1#



#86  
 p-Isopropyltoluene  
 Concen: 6.434 ug/l  
 RT: 13.29 min Scan# 3583  
 Delta R.T. 0.00 min  
 Lab File: VN059283.D  
 Acq: 18 Nov 2019 15:00

Tgt Ion:119 Resp: 187660  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 13.0 38.9  
 91 0.0 11.7 35.1#





#89

n-Butylbenzene

Concen: 5.517 ug/l

RT: 13.59 min Scan# 3674

Delta R.T. -0.03 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

ClientSampled :

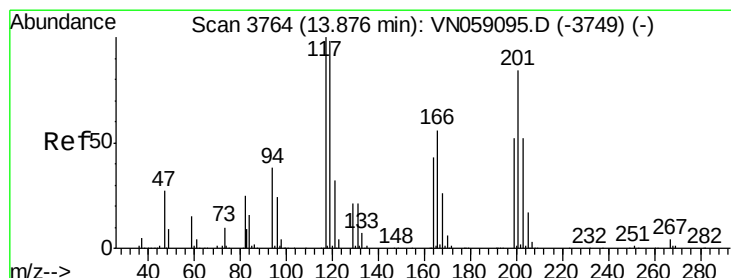
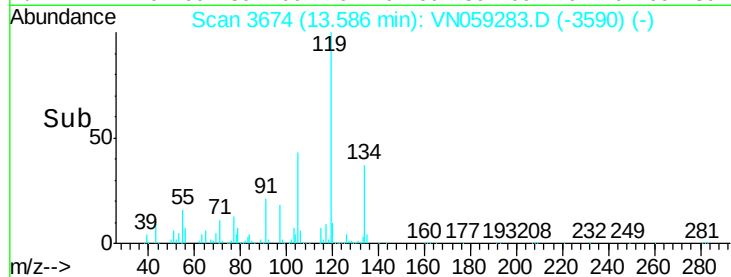
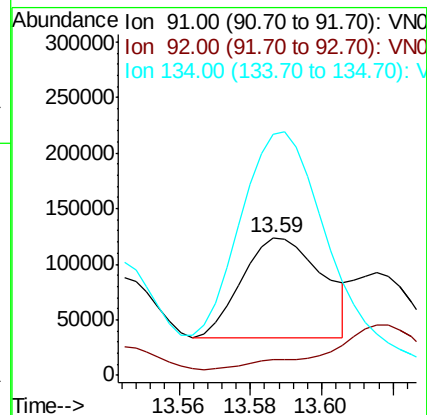
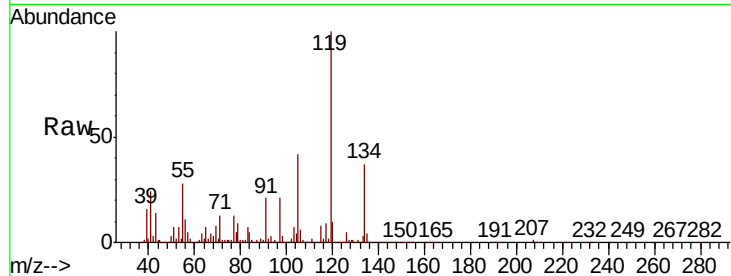
Tot Ion: 91 Resp: 140835

Ion Ratio Lower Upper

91 100

92 0.0 26.1 78.3#

134 288.3 12.6 37.8#



#90

Hexachloroethane

Concen: 24.529 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN059283.D

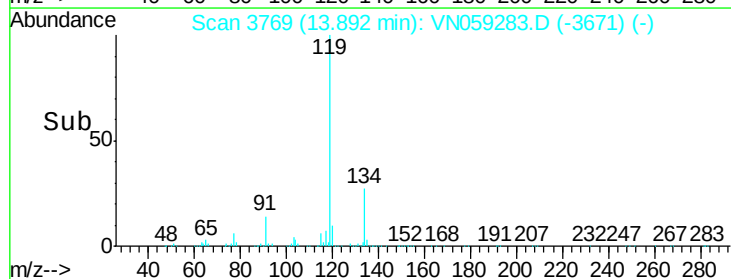
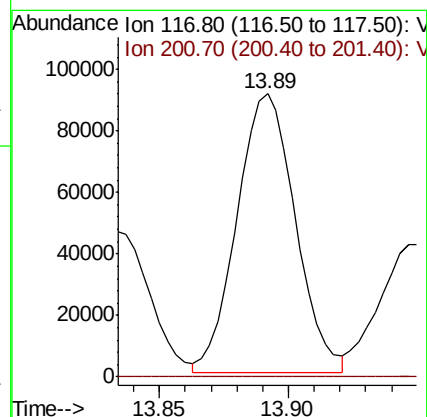
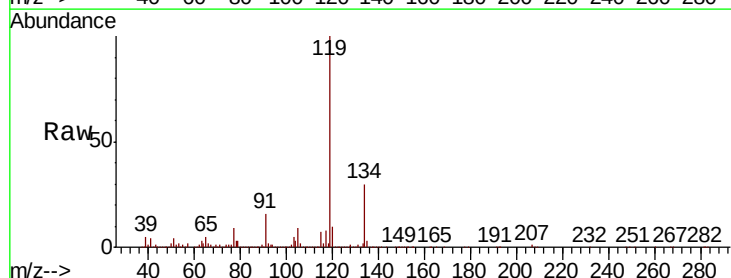
Acq: 18 Nov 2019 15:00

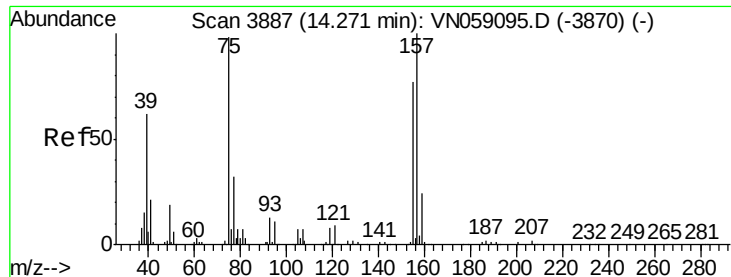
Tgt Ion: 117 Resp: 143657

Ion Ratio Lower Upper

117 100

201 0.0 41.8 125.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 10.246 ug/l

RT: 14.30 min Scan# 3896

Delta R.T. 0.03 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

ClientSampleId :

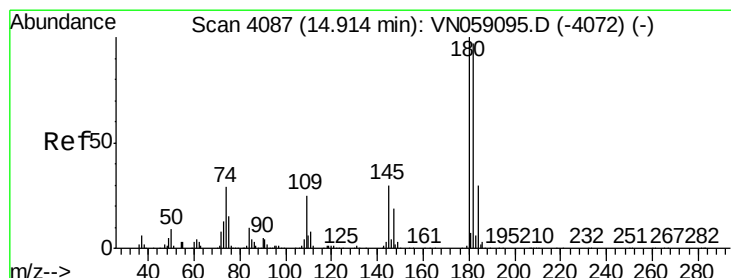
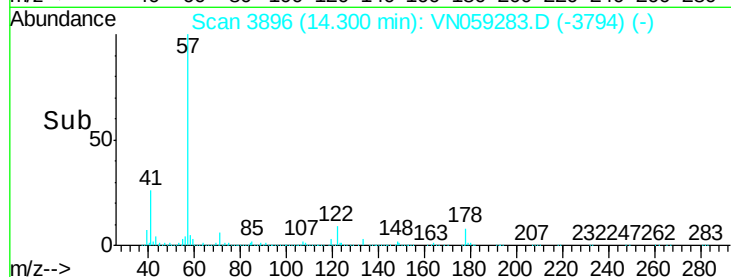
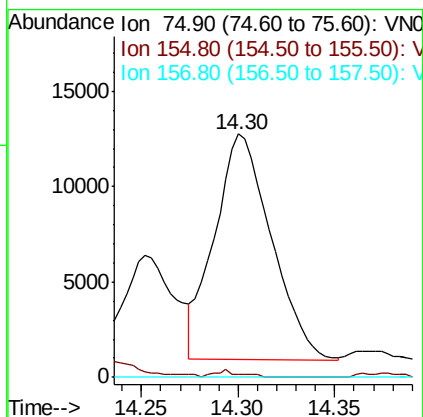
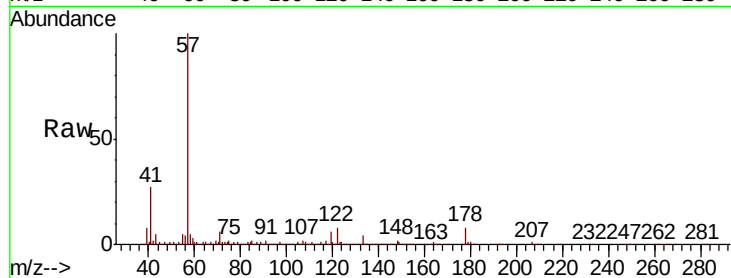
Tot Ion: 75 Resp: 24113

Ion Ratio Lower Upper

75 100

155 1.5 40.2 120.6#

157 0.0 51.8 155.5#



#93

1,2,4-Trichlorobenzene

Concen: 3.103 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.01 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

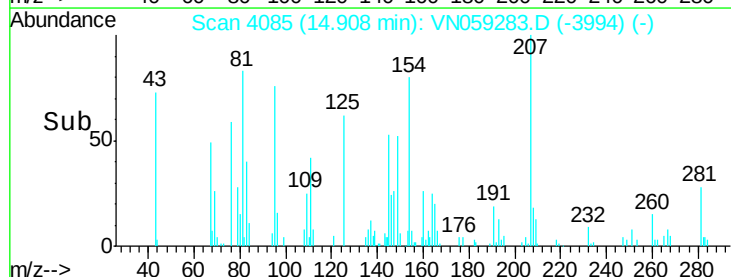
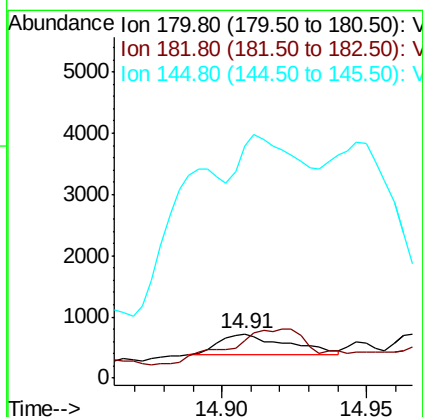
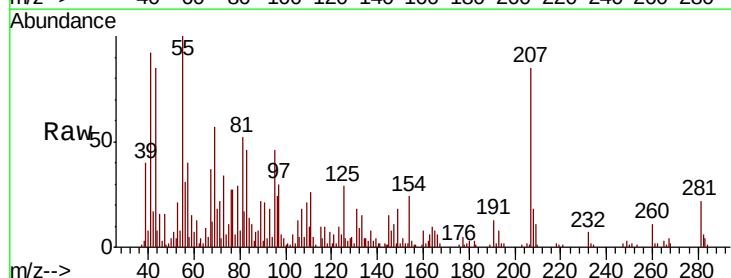
Tgt Ion: 180 Resp: 538

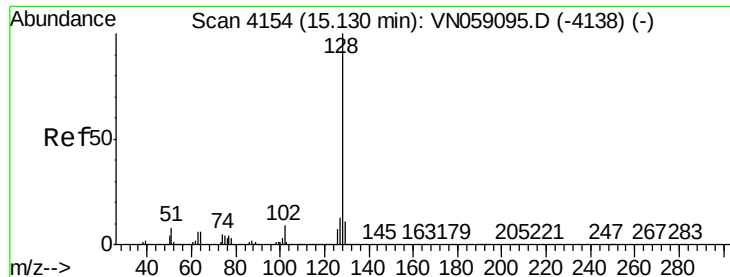
Ion Ratio Lower Upper

180 100

182 210.4 48.1 144.3#

145 0.0 15.1 45.3#





#95

Naphthalene

Concen: 28.379 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

Instrument :

MSVOA\_N

ClientSampled :

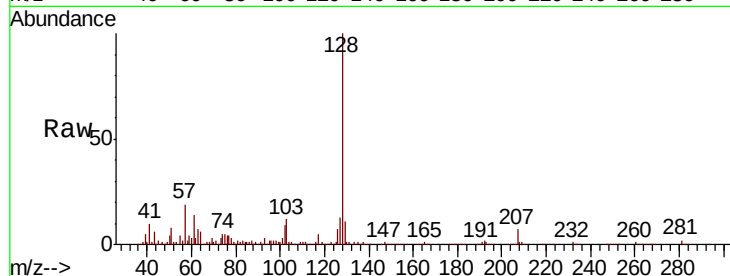
Tot Ion:128 Resp: 667048

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

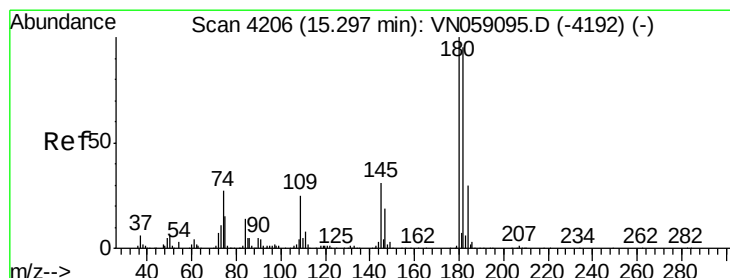
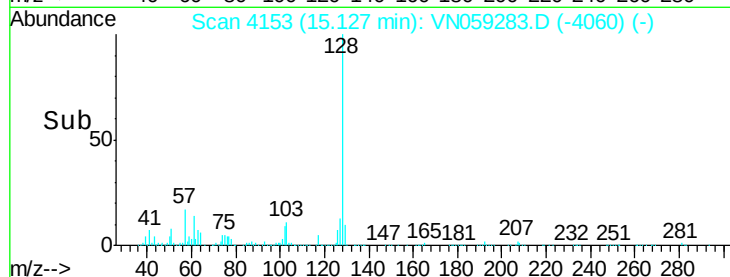
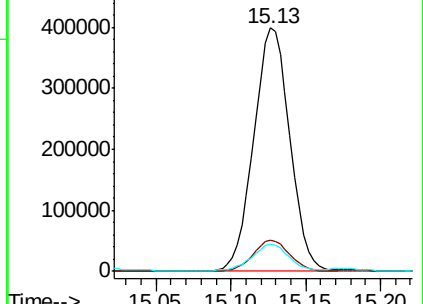
129 11.4 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.224 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.02 min

Lab File: VN059283.D

Acq: 18 Nov 2019 15:00

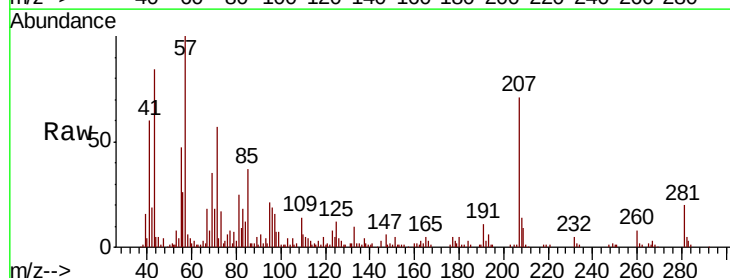
Tgt Ion:180 Resp: 1843

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.8#

145 0.0 15.8 47.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

