

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\  
 Data File : VN059839.D  
 Acq On : 24 Jan 2020 12:47  
 Operator : JC/MD  
 Sample : VN0124WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 25 00:26:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jan 18 03:09:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 203522   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 317022   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 286086   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 133364   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.00   | 65  | 124128   | 54.92 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.84% |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 105499   | 55.80 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 111.60% |      |
| 50) Toluene-d8            | 10.08  | 98  | 395417   | 53.98 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.96% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 140278   | 53.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.24% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 47936  | 19.660  | ug/l   | 97     |
| 3) Chloromethane              | 2.04 | 50  | 45067  | 19.341  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.17 | 62  | 57905  | 21.720  | ug/l   | 99     |
| 5) Bromomethane               | 2.54 | 94  | 34260  | 21.057  | ug/l   | 96     |
| 6) Chloroethane               | 2.68 | 64  | 27069  | 21.461  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 68462  | 21.383  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.39 | 74  | 24162  | 21.504  | ug/l   | 85     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 39911  | 22.397  | ug/l   | 93     |
| 10) Methyl Iodide             | 3.93 | 142 | 59096  | 20.517  | ug/l   | 94     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 40669  | 106.887 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 38045  | 20.432  | ug/l   | 90     |
| 13) Acrolein                  | 3.58 | 56  | 22953  | 85.220  | ug/l   | 98     |
| 14) Allyl chloride            | 4.30 | 41  | 52204  | 20.800  | ug/l # | 86     |
| 15) Acrylonitrile             | 4.95 | 53  | 93158  | 107.335 | ug/l   | 99     |
| 16) Acetone                   | 3.78 | 43  | 101831 | 127.179 | ug/l   | 96     |
| 17) Carbon Disulfide          | 4.03 | 76  | 98072  | 18.489  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.29 | 43  | 57299  | 21.704  | ug/l # | 90     |
| 19) Methyl tert-butyl Ether   | 5.01 | 73  | 133312 | 21.959  | ug/l   | 92     |
| 20) Methylene Chloride        | 4.52 | 84  | 43905  | 20.713  | ug/l   | 87     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 40794  | 20.610  | ug/l   | 86     |
| 22) Diisopropyl ether         | 5.92 | 45  | 120017 | 21.101  | ug/l # | 94     |
| 23) Vinyl Acetate             | 5.86 | 43  | 449763 | 102.135 | ug/l # | 94     |
| 24) 1,1-Dichloroethane        | 5.81 | 63  | 73939  | 21.276  | ug/l   | 97     |
| 25) 2-Butanone                | 6.80 | 43  | 129814 | 101.424 | ug/l   | 93     |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 71278  | 21.334  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 48563  | 21.332  | ug/l   | 87     |
| 28) Bromochloromethane        | 7.17 | 49  | 28530  | 20.540  | ug/l # | 72     |
| 29) Tetrahydrofuran           | 7.18 | 42  | 80445  | 101.584 | ug/l # | 86     |
| 30) Chloroform                | 7.35 | 83  | 78709  | 21.859  | ug/l   | 95     |
| 31) Cyclohexane               | 7.63 | 56  | 65760  | 19.665  | ug/l   | 87     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 71986  | 21.622  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 56214  | 20.362  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.90 | 43  | 52367  | 20.224  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 64568  | 21.500  | ug/l   | 99     |

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 Data File : VN059839.D  
 Acq On : 24 Jan 2020 12:47  
 Operator : JC/MD  
 Sample : VN0124WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 25 00:26:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jan 18 03:09:32 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 68687    | 20.178  | ug/l   | 90       |
| 40) Benzene                    | 8.02  | 78   | 170725   | 20.735  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 73479    | 57.613  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 60516    | 21.678  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 88425    | 19.854  | ug/l # | 95       |
| 44) Trichloroethene            | 8.82  | 130  | 49792    | 22.153  | ug/l   | 91       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 43160    | 21.184  | ug/l   | 100      |
| 46) Dibromomethane             | 9.19  | 93   | 31351    | 21.814  | ug/l   | 90       |
| 47) Bromodichloromethane       | 9.39  | 83   | 62663    | 21.636  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.18  | 41   | 38870    | 19.512  | ug/l   | 89       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 16475    | 451.751 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 259370   | 100.742 | ug/l   | 95       |
| 52) Toluene                    | 10.14 | 92   | 109832   | 21.119  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 66974    | 20.710  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 71935    | 21.141  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 44114    | 21.417  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 63222    | 20.087  | ug/l   | 91       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 71110    | 21.745  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 119507   | 126.064 | ug/l   | 90       |
| 59) 2-Hexanone                 | 10.74 | 43   | 192490   | 101.486 | ug/l   | 94       |
| 60) Dibromochloromethane       | 10.89 | 129  | 50589    | 21.568  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.99 | 107  | 46512    | 21.544  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.62 | 164  | 53420    | 22.911  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.43 | 112  | 120011   | 21.342  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 47730    | 21.967  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.50 | 91   | 212387   | 20.806  | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.62 | 106  | 163149   | 42.312  | ug/l   | 93       |
| 69) o-Xylene                   | 11.94 | 106  | 78994    | 20.926  | ug/l   | 96       |
| 70) Styrene                    | 11.96 | 104  | 127567   | 20.195  | ug/l   | 97       |
| 71) Bromoform                  | 12.12 | 173  | 37998    | 21.833  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 208794   | 21.347  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.07 | 43   | 73917    | 19.476  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 60547    | 21.353  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 80687    | 35.951  | ug/l # | 100      |
| 77) Bromobenzene               | 12.52 | 156  | 54629    | 22.056  | ug/l   | 80       |
| 78) n-propylbenzene            | 12.59 | 91   | 237757   | 21.658  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 140350   | 21.490  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 178064   | 21.647  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 21302    | 20.383  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 141619   | 21.620  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 154147   | 21.667  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 177298   | 21.787  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 201831   | 21.593  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 184144   | 21.291  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 93093    | 21.637  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 91768    | 21.380  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.61 | 91   | 153186   | 20.773  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.87 | 117  | 33771    | 20.870  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 92444    | 21.734  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 12880    | 19.906  | ug/l   | 84       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\  
Data File : VN059839.D  
Acq On : 24 Jan 2020 12:47  
Operator : JC/MD  
Sample : VN0124WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jan 25 00:26:38 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jan 18 03:09:32 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 52376    | 20.493 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 29715    | 21.098 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 139575   | 19.199 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 50927    | 20.471 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

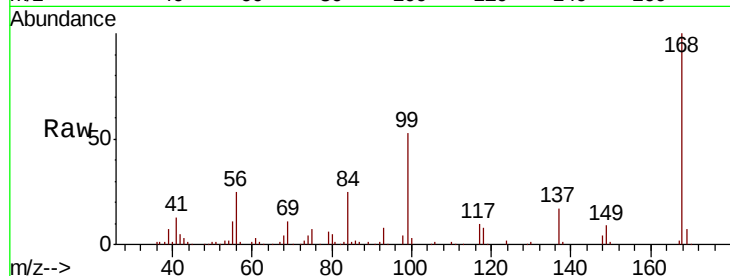
ClientSampleId :

Tot Ion:168 Resp: 203522

Ion Ratio Lower Upper

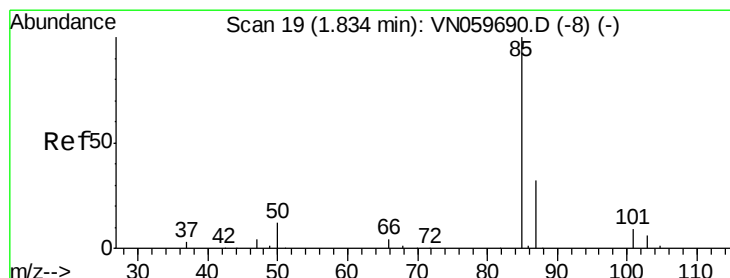
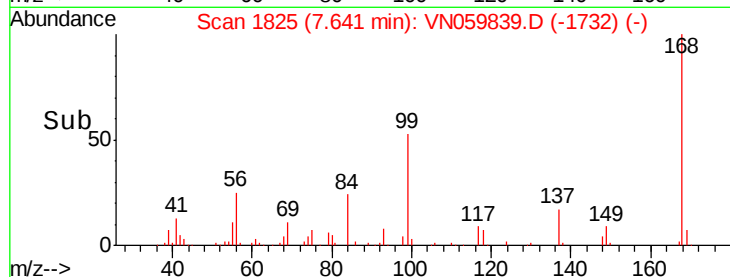
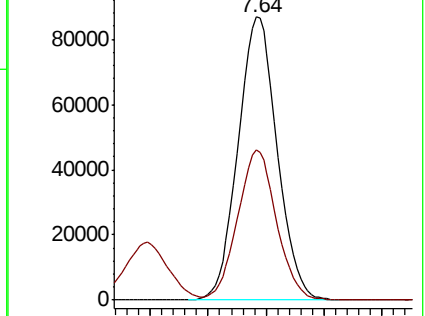
168 100

99 52.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.660 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059839.D

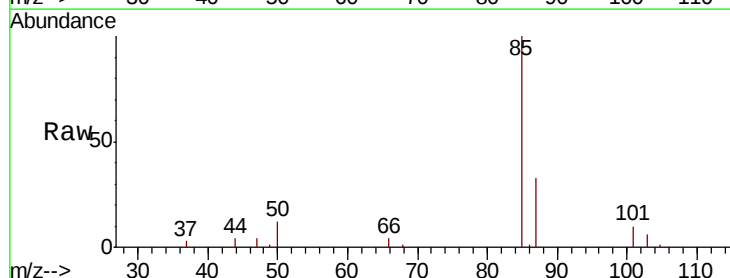
Acq: 24 Jan 2020 12:47

Tgt Ion: 85 Resp: 47936

Ion Ratio Lower Upper

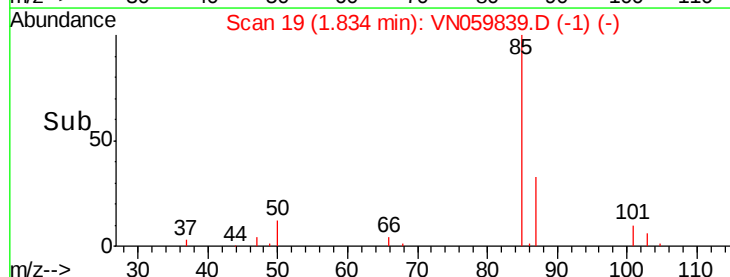
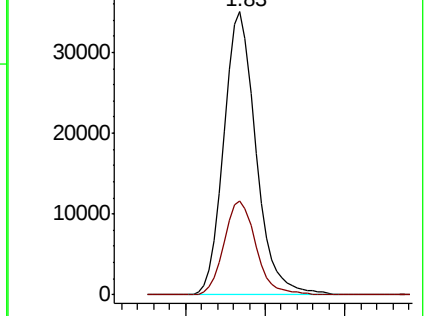
85 100

87 33.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

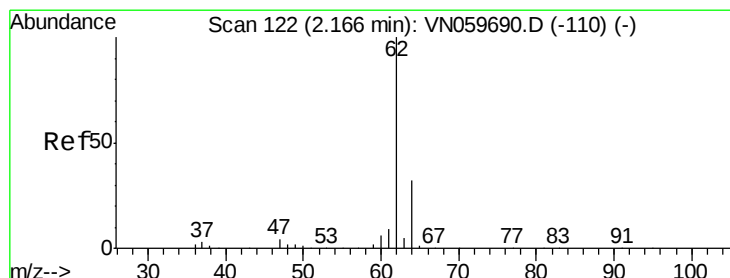
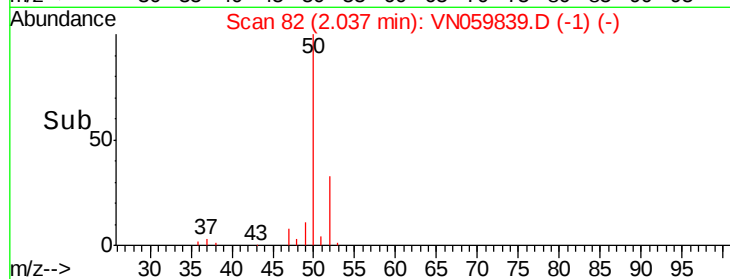
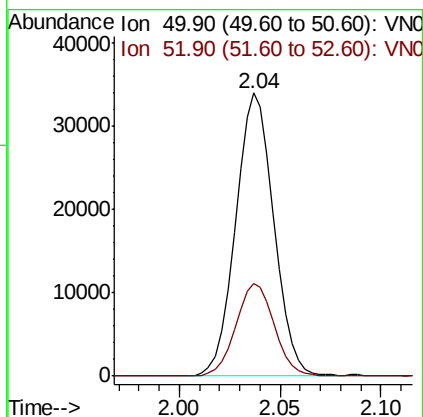
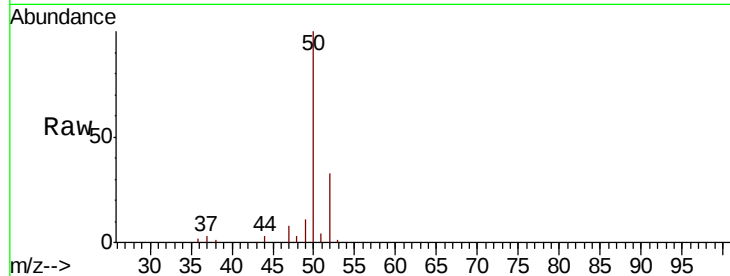




#3  
Chloromethane  
Concen: 19.341 ug/l  
RT: 2.04 min Scan# 82  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

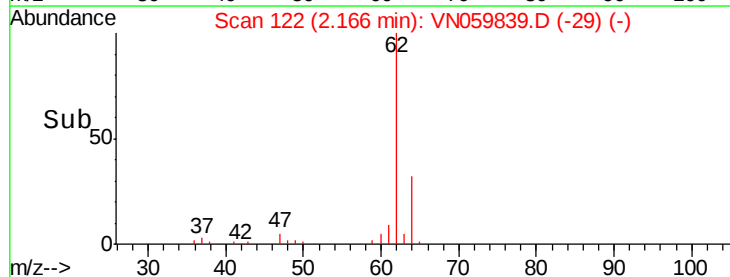
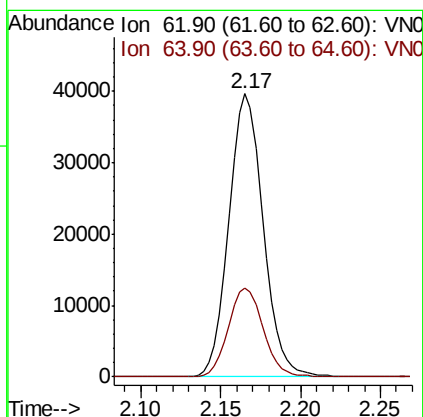
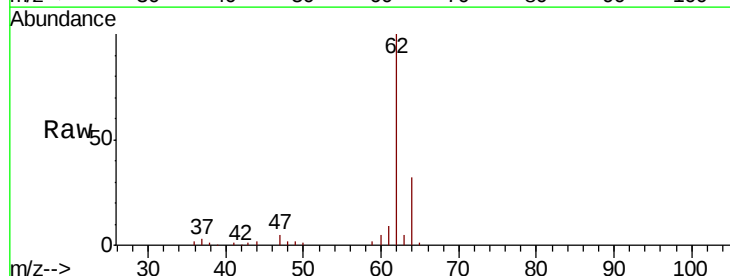
Instrument :  
MSVOA\_N  
ClientSampleId :

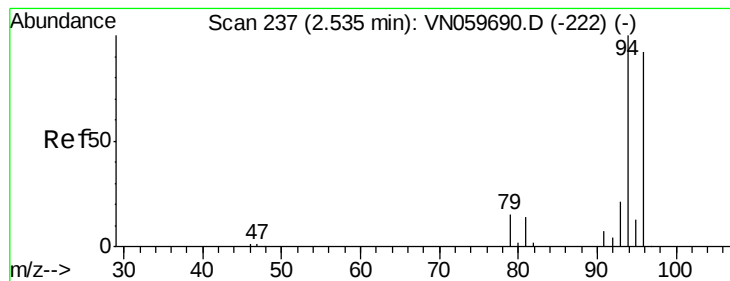
Tot Ion: 50 Resp: 45067  
Ion Ratio Lower Upper  
50 100  
52 32.8 25.9 38.9



#4  
Vinyl Chloride  
Concen: 21.720 ug/l  
RT: 2.17 min Scan# 122  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion: 62 Resp: 57905  
Ion Ratio Lower Upper  
62 100  
64 31.6 24.6 37.0





#5

Bromomethane

Concen: 21.057 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

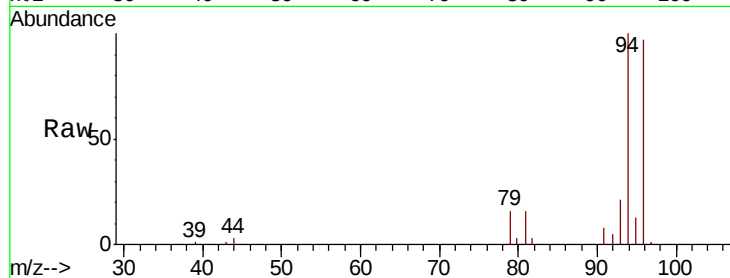
ClientSampleId :

Tot Ion: 94 Resp: 34260

Ion Ratio Lower Upper

94 100

96 97.4 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN059839.D (-222) (-)

Ion 95.90 (95.60 to 96.60): VN059839.D (-222) (-)

2.54

15000

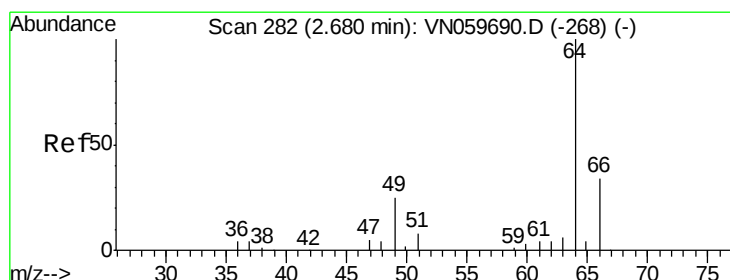
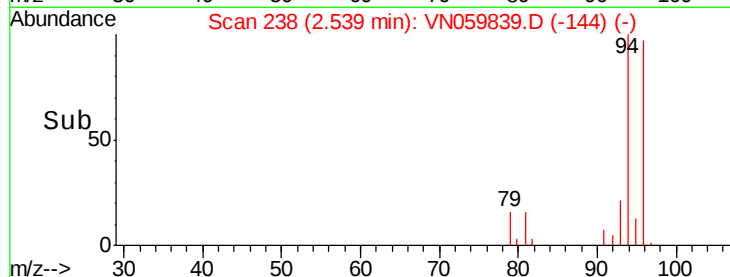
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 21.461 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059839.D

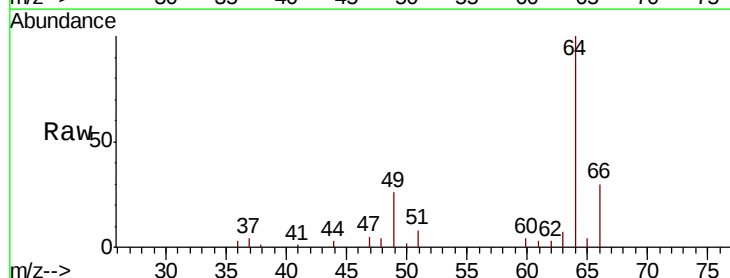
Acq: 24 Jan 2020 12:47

Tgt Ion: 64 Resp: 27069

Ion Ratio Lower Upper

64 100

66 30.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN059839.D (-268) (-)

Ion 65.90 (65.60 to 66.60): VN059839.D (-268) (-)

2.68

15000

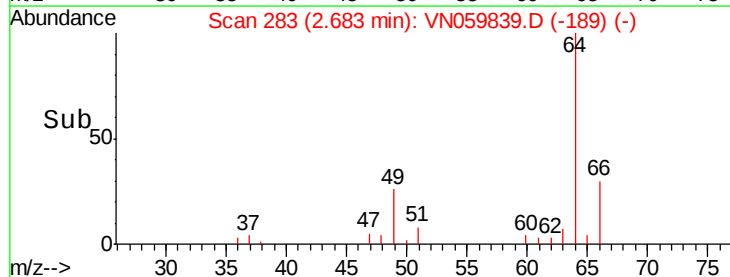
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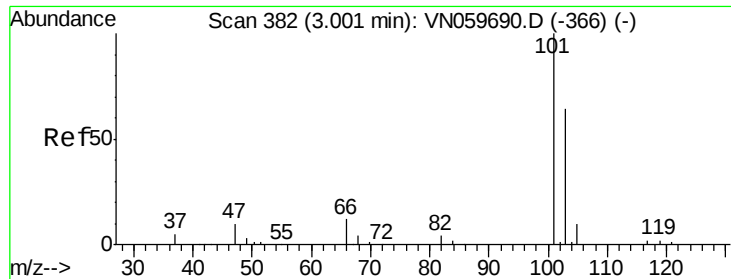
5000

0

Time-->

2.60 2.65 2.70 2.75



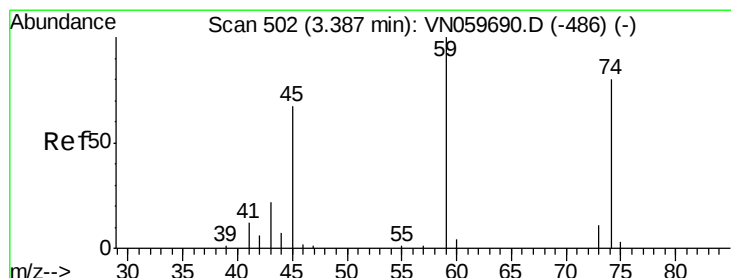
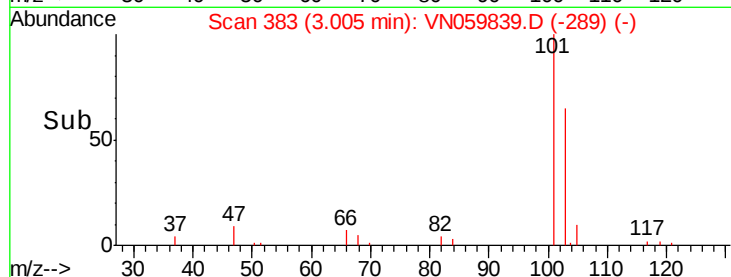
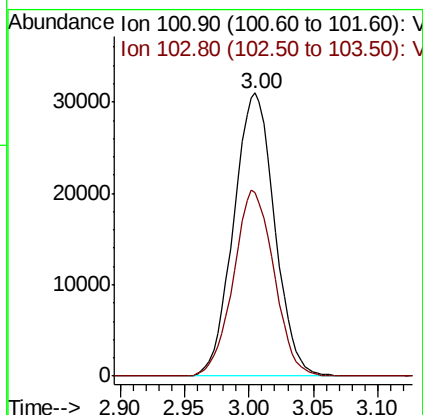
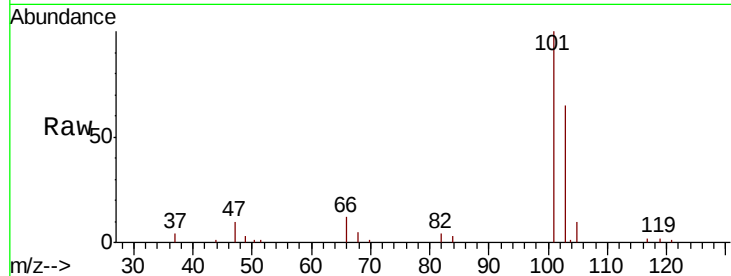


#7

Trichlorofluoromethane  
 Concen: 21.383 ug/l  
 RT: 3.00 min Scan# 383  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Instrument :  
 MSVOA\_N  
 ClientSampled :

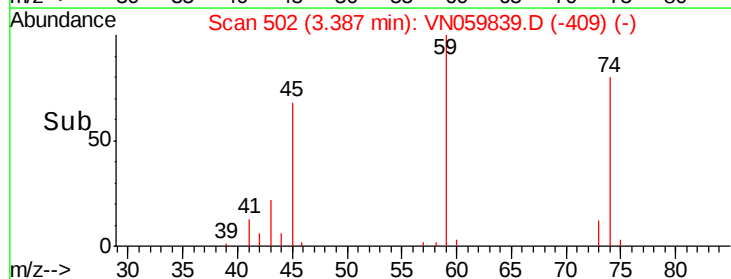
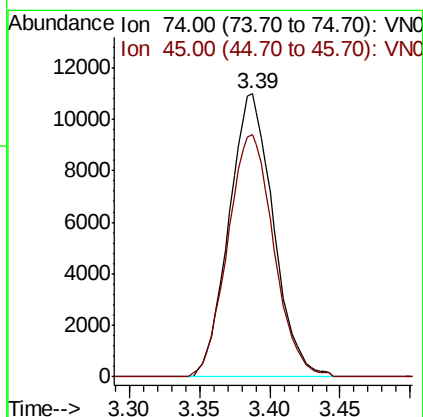
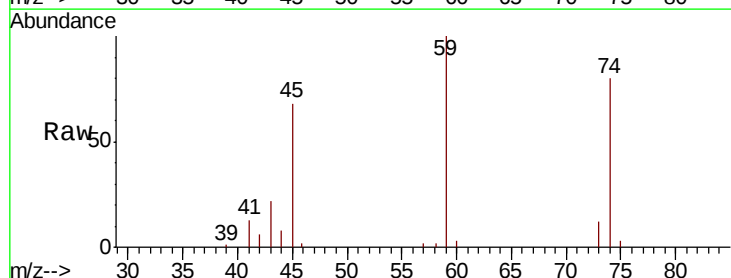
Tot Ion:101 Resp: 68462  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 51.0 76.6



#8

Diethyl Ether  
 Concen: 21.504 ug/l  
 RT: 3.39 min Scan# 502  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Tgt Ion: 74 Resp: 24162  
 Ion Ratio Lower Upper  
 74 100  
 45 88.9 51.9 155.8

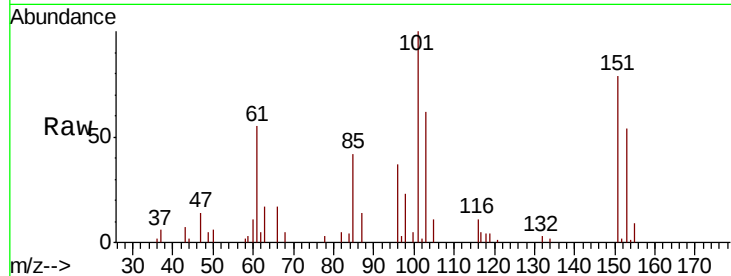




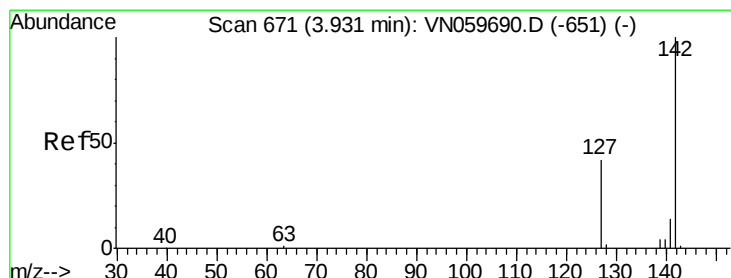
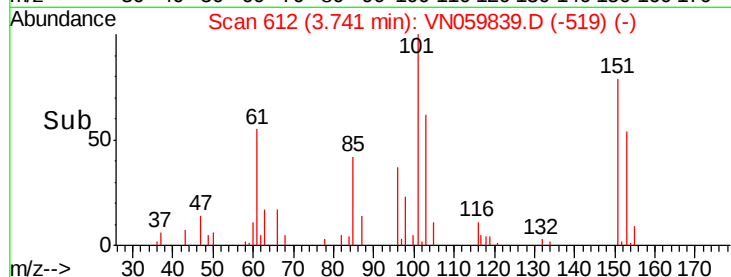
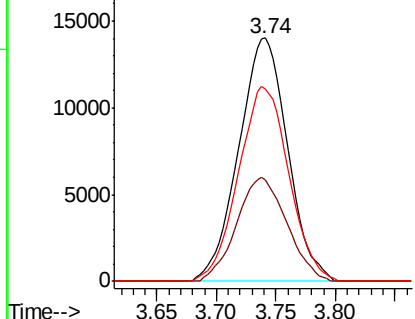
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.397 ug/l  
RT: 3.74 min Scan# 612  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:101 Resp: 39911  
Ion Ratio Lower Upper  
101 100  
85 43.9 36.6 54.8  
151 82.5 59.7 89.5

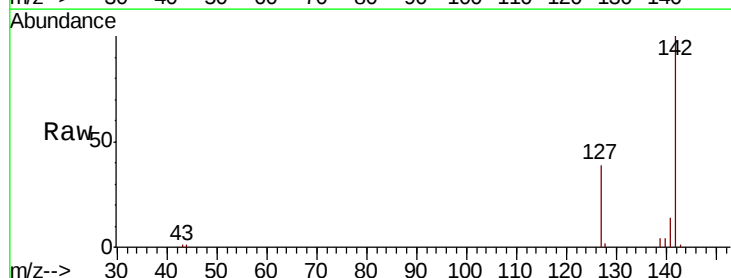


Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): V  
Ion 150.80 (150.50 to 151.50): V

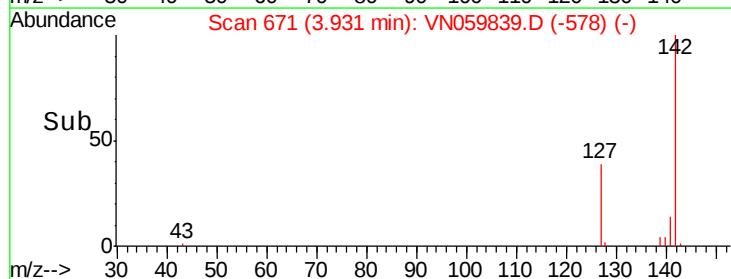
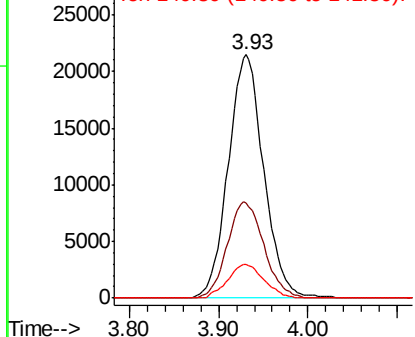


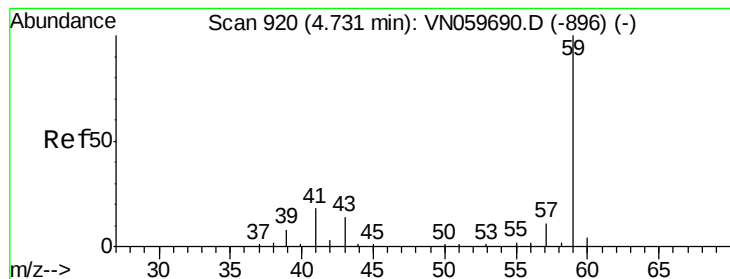
#10  
Methyl Iodide  
Concen: 20.517 ug/l  
RT: 3.93 min Scan# 671  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion:142 Resp: 59096  
Ion Ratio Lower Upper  
142 100  
127 40.5 36.7 55.1  
141 14.1 11.7 17.5



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



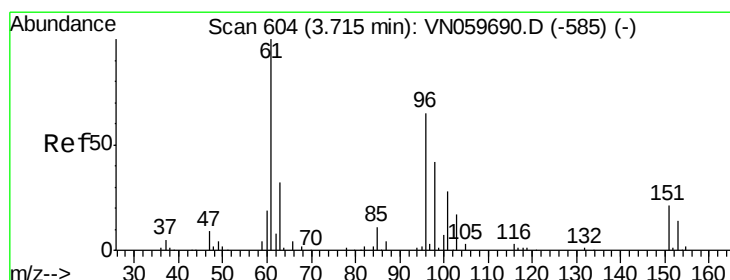
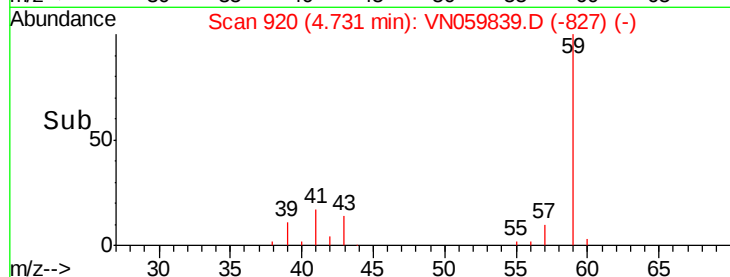
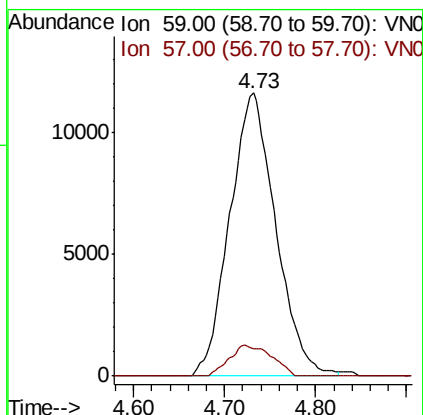
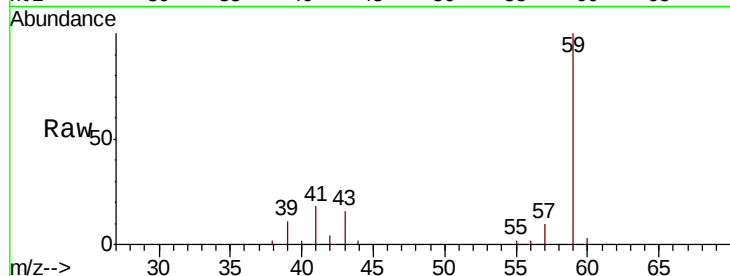


#11

Tert butyl alcohol  
 Concen: 106.887 ug/l  
 RT: 4.73 min Scan# 920  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Instrument :  
 MSVOA\_N  
 ClientSampled :

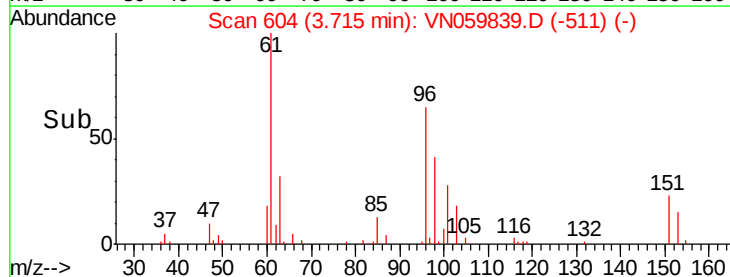
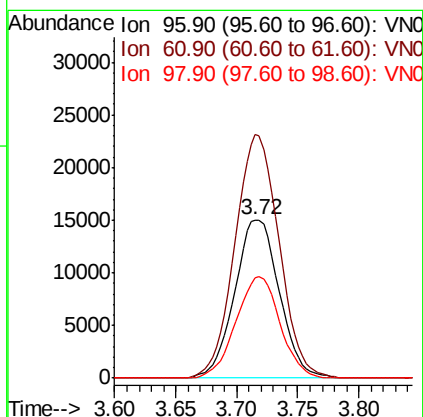
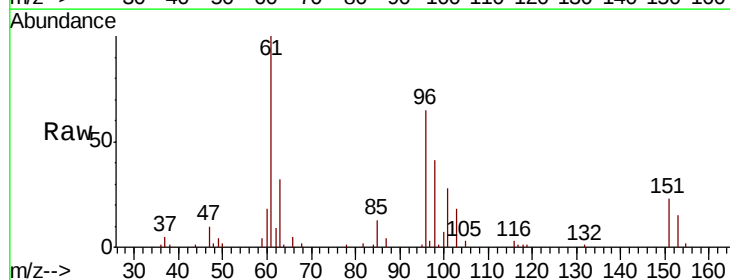
Tot Ion: 59 Resp: 40669  
 Ion Ratio Lower Upper  
 59 100  
 57 10.1 8.6 12.8



#12

1,1-Dichloroethene  
 Concen: 20.432 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Tgt Ion: 96 Resp: 38045  
 Ion Ratio Lower Upper  
 96 100  
 61 153.7 137.5 206.3  
 98 62.9 50.2 75.4





#13

Acrolein

Concen: 85.220 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

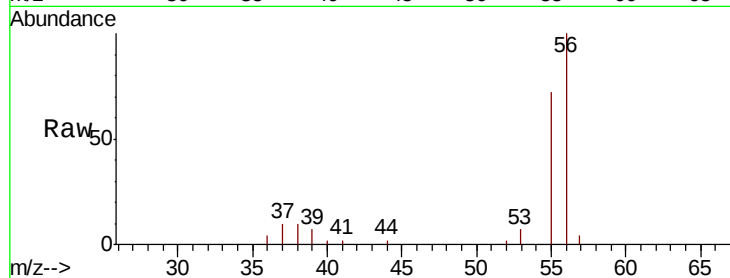
ClientSampled :

Tot Ion: 56 Resp: 22953

Ion Ratio Lower Upper

56 100

55 71.4 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

10000

8000

6000

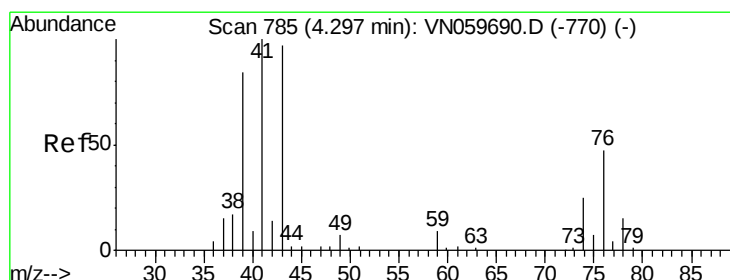
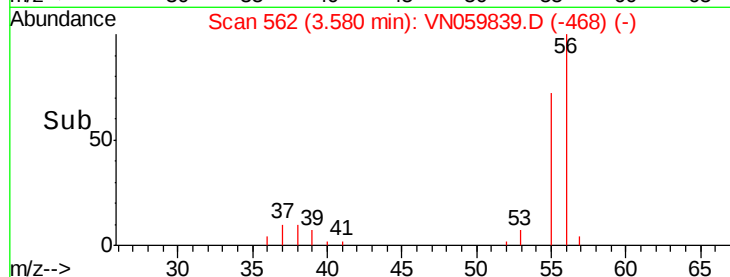
4000

2000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 20.800 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

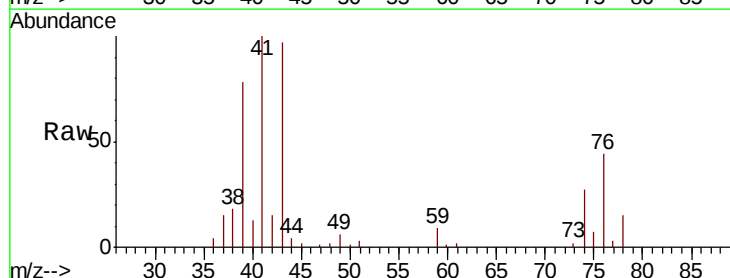
Tgt Ion: 41 Resp: 52204

Ion Ratio Lower Upper

41 100

39 81.9 57.8 86.8

76 43.3 25.4 38.0#



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

25000

20000

15000

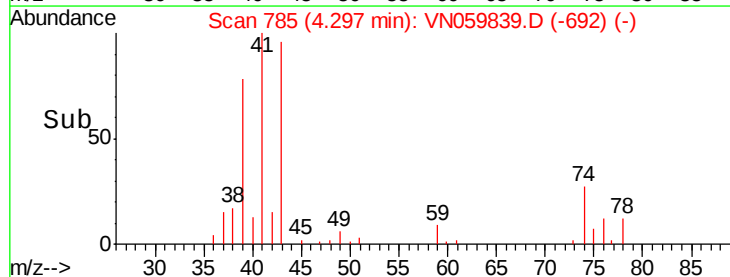
10000

5000

0

Time-->

4.20 4.25 4.30 4.35 4.40





#15

Acrylonitrile

Concen: 107.335 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :  
MSVOA\_N  
ClientSampleId :

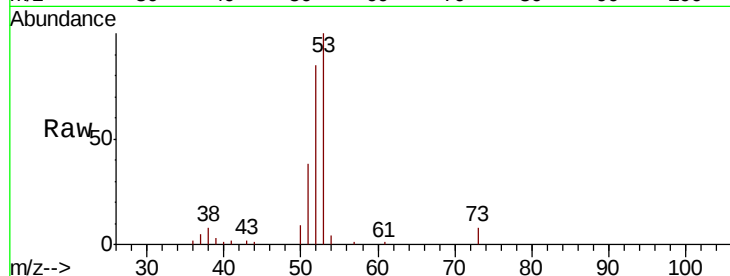
Tot Ion: 53 Resp: 93158

Ion Ratio Lower Upper

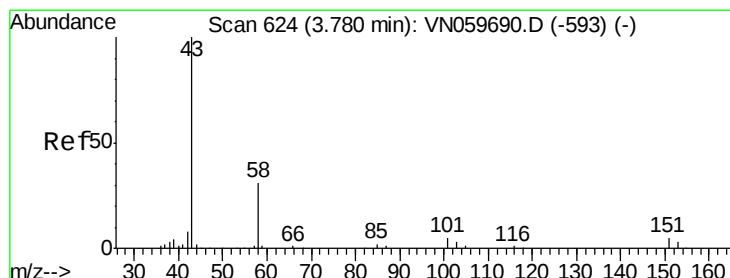
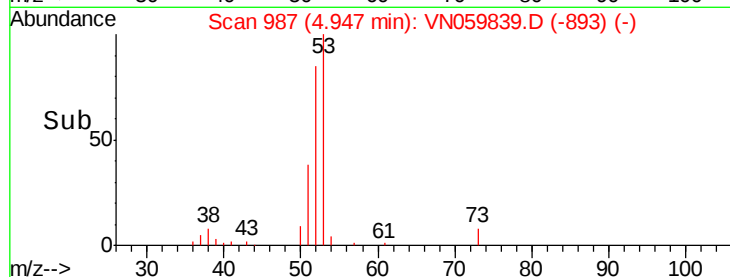
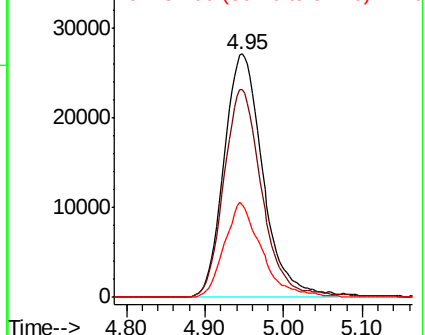
53 100

52 83.4 66.3 99.5

51 37.4 29.7 44.5



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



#16

Acetone

Concen: 127.179 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN059839.D

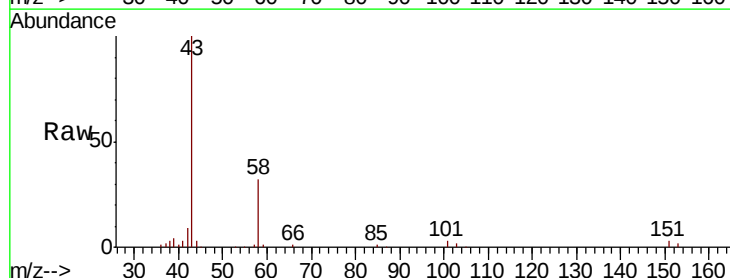
Acq: 24 Jan 2020 12:47

Tgt Ion: 43 Resp: 101831

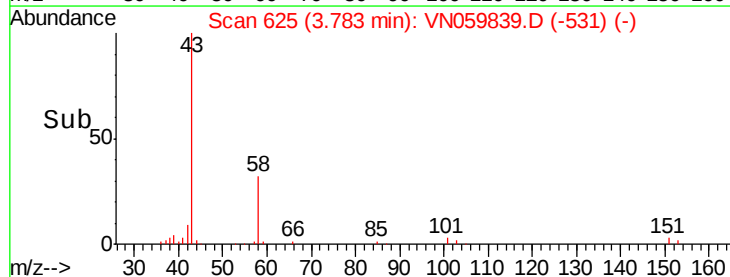
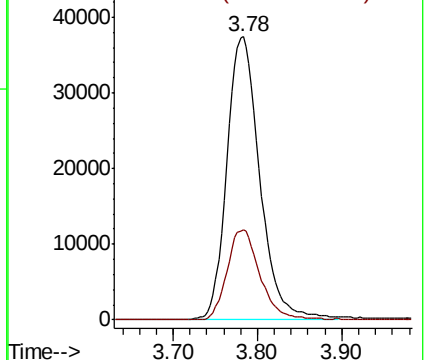
Ion Ratio Lower Upper

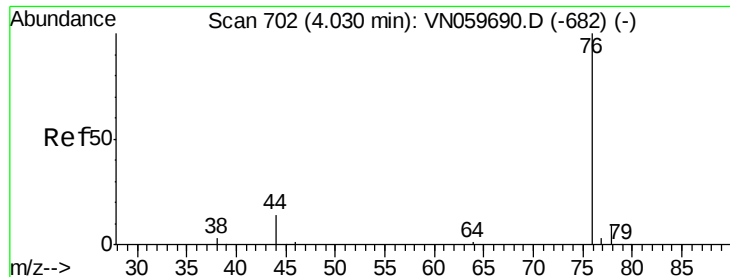
43 100

58 31.8 23.6 35.4



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

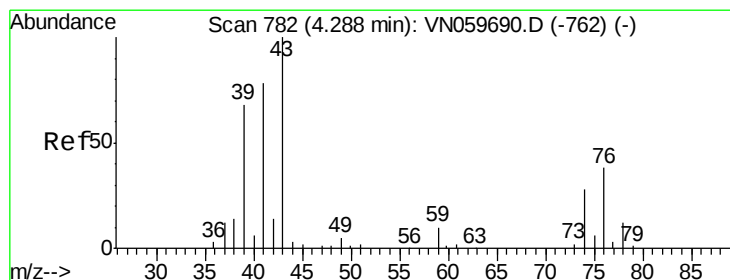
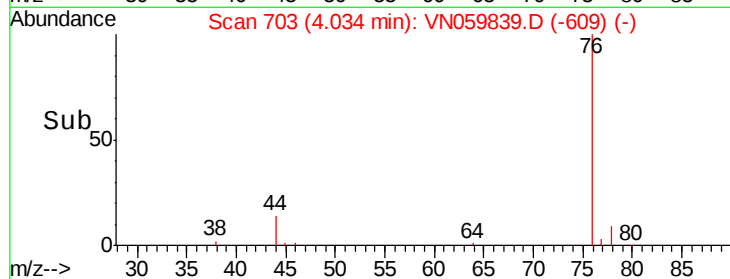
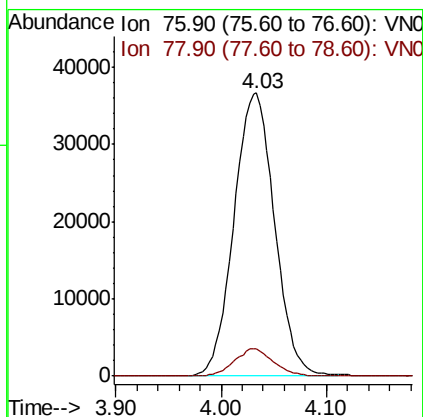
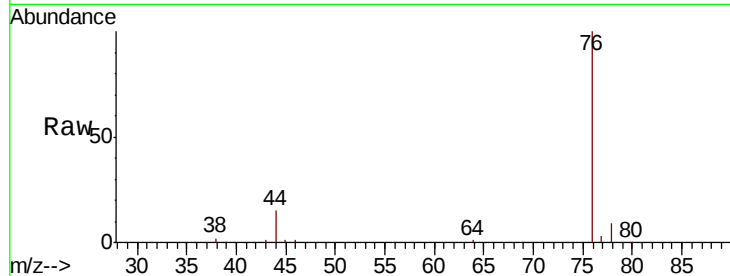




#17  
Carbon Disulfide  
Concen: 18.489 ug/l  
RT: 4.03 min Scan# 703  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

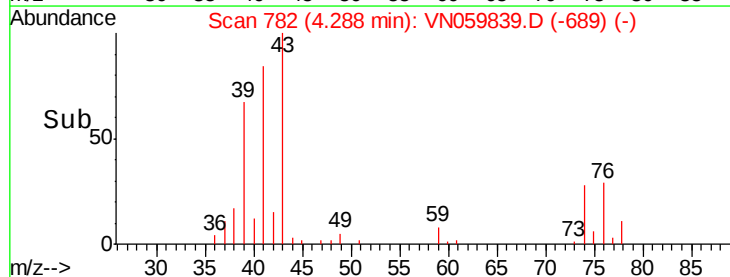
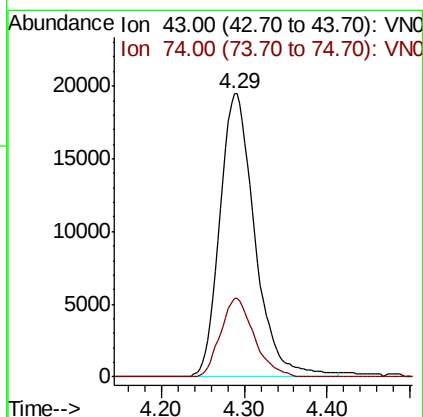
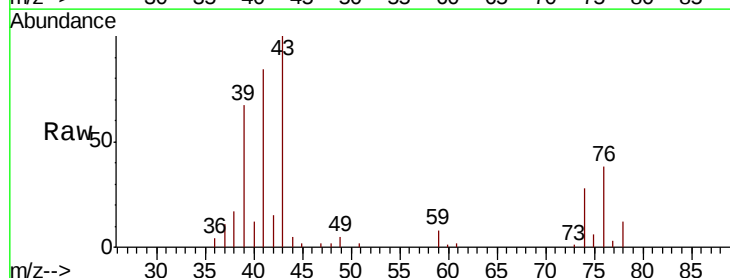
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 76 Resp: 98072  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 21.704 ug/l  
RT: 4.29 min Scan# 782  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion: 43 Resp: 57299  
Ion Ratio Lower Upper  
43 100  
74 26.6 17.5 26.3#

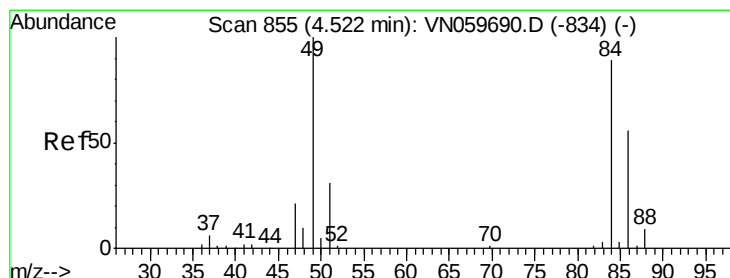
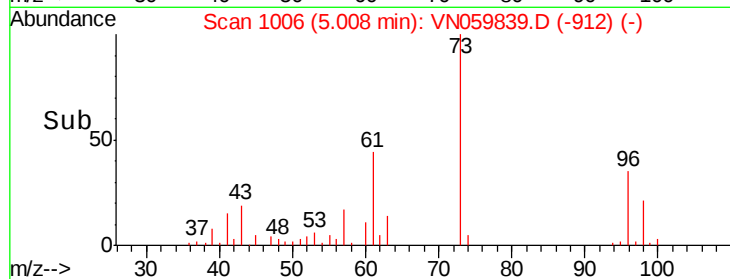
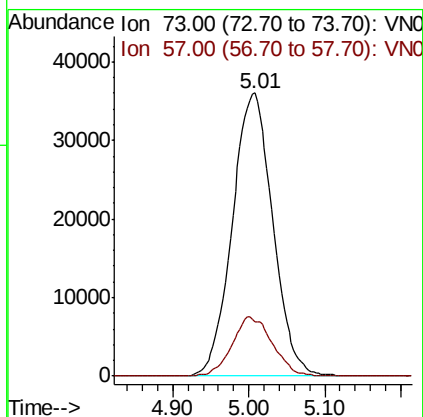
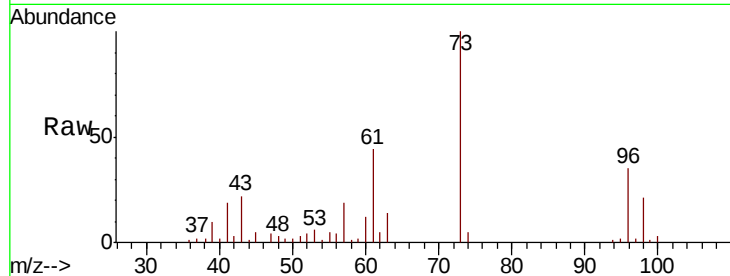




#19  
Methvl tert-butvl Ether  
Concen: 21.959 ug/l  
RT: 5.01 min Scan# 1006  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

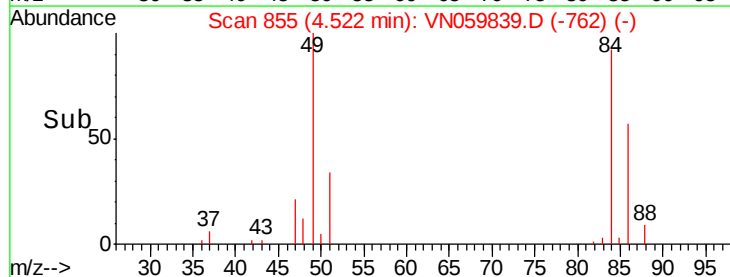
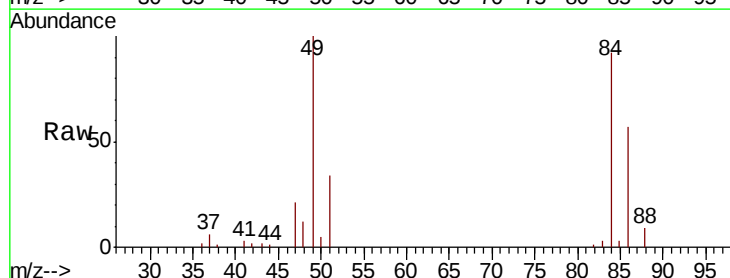
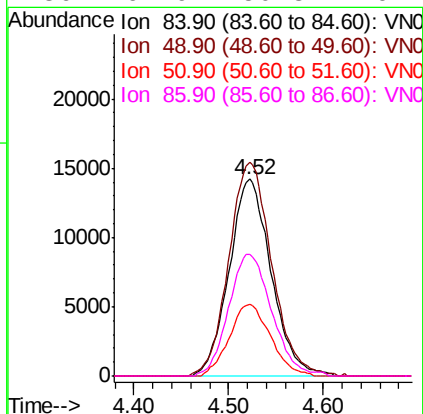
Instrument :  
MSVOA\_N  
ClientSampleId :

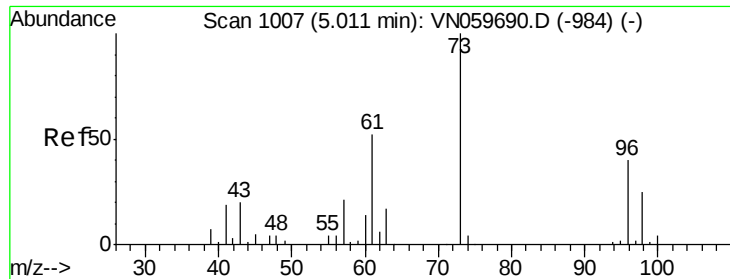
Tot Ion: 73 Resp: 133312  
Ion Ratio Lower Upper  
73 100  
57 19.2 18.6 27.8



#20  
Methylene Chloride  
Concen: 20.713 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion: 84 Resp: 43905  
Ion Ratio Lower Upper  
84 100  
49 108.5 106.6 160.0  
51 36.5 31.9 47.9  
86 61.9 50.8 76.2

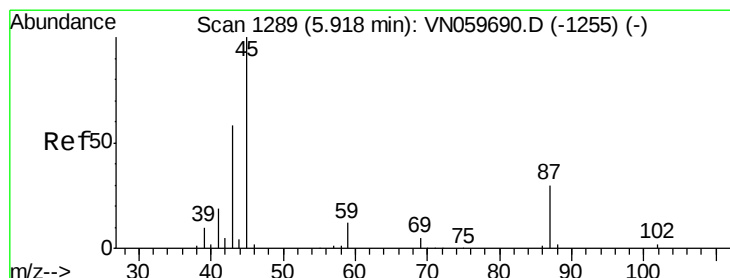
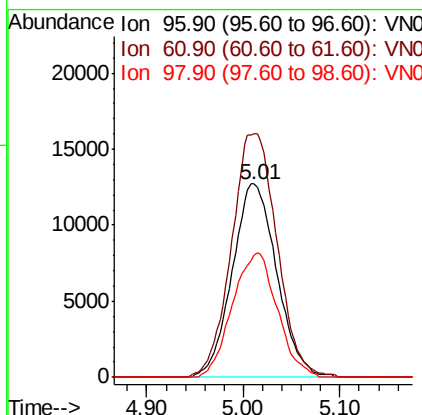
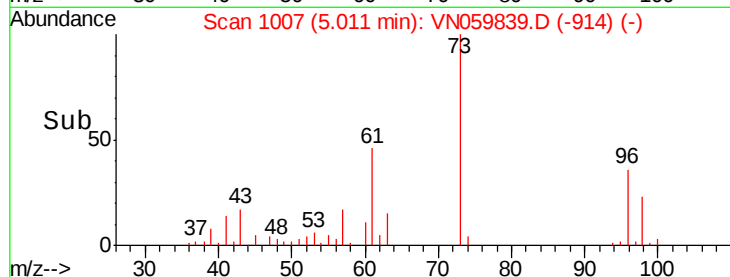
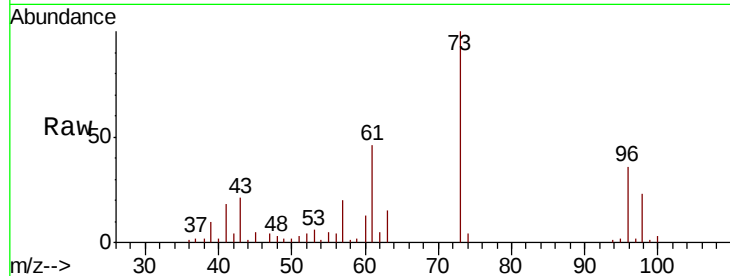




#21  
trans-1,2-Dichloroethene  
Concen: 20.610 ug/l  
RT: 5.01 min Scan# 1007  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

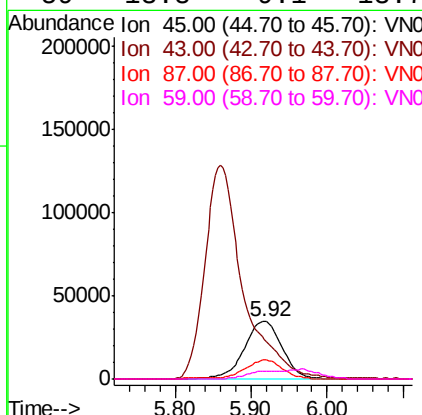
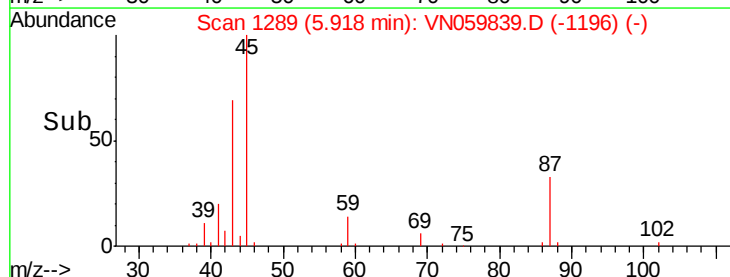
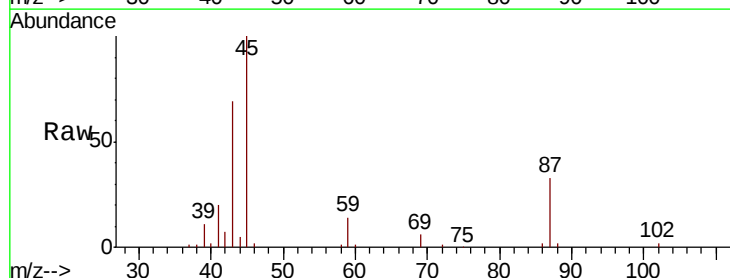
Instrument :  
MSVOA\_N  
ClientSampleId :

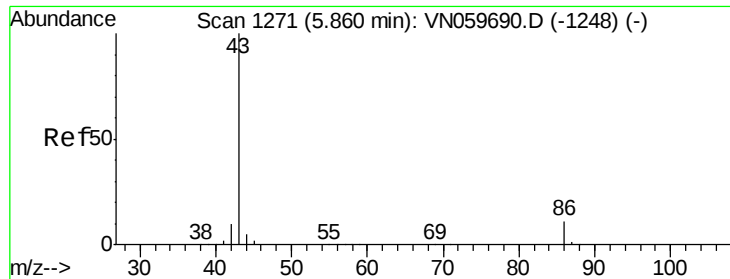
Tot Ion: 96 Resp: 40794  
Ion Ratio Lower Upper  
96 100  
61 125.8 120.4 180.6  
98 62.8 50.6 75.8



#22  
Diisopropyl ether  
Concen: 21.101 ug/l  
RT: 5.92 min Scan# 1289  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion: 45 Resp: 120017  
Ion Ratio Lower Upper  
45 100  
43 66.0 50.8 76.2  
87 32.8 21.0 31.6#  
59 13.8 9.1 13.7#





#23

Vinyl Acetate

Concen: 102.135 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

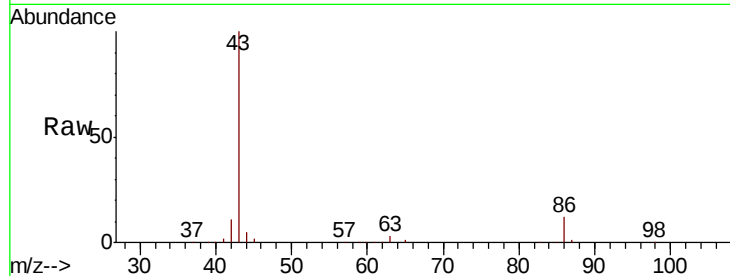
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 449763

Ion Ratio Lower Upper

43 100

86 11.6 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059839.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN059839.D (-1178) (-)

5.86

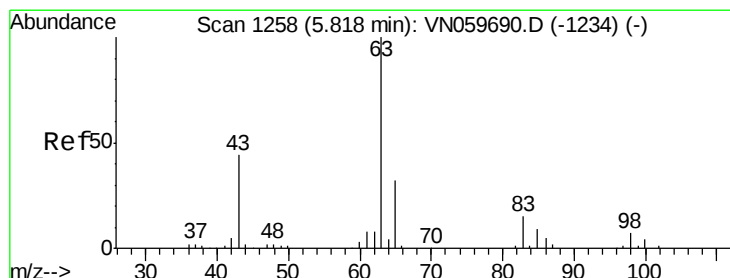
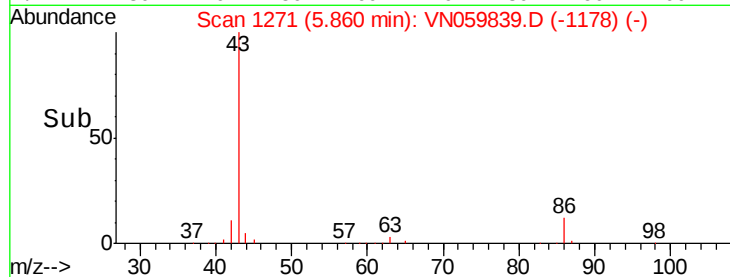
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.276 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

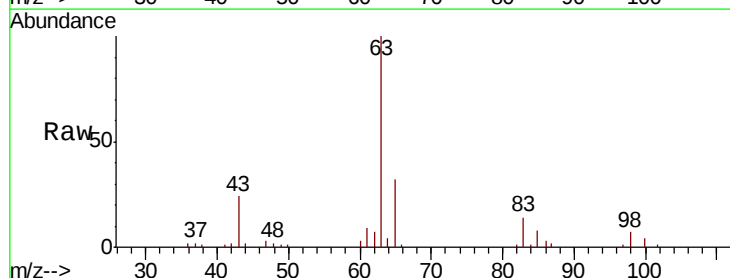
Tgt Ion: 63 Resp: 73939

Ion Ratio Lower Upper

63 100

98 7.2 2.9 8.7

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059839.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059839.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059839.D (-1165) (-)

5.81

30000

25000

20000

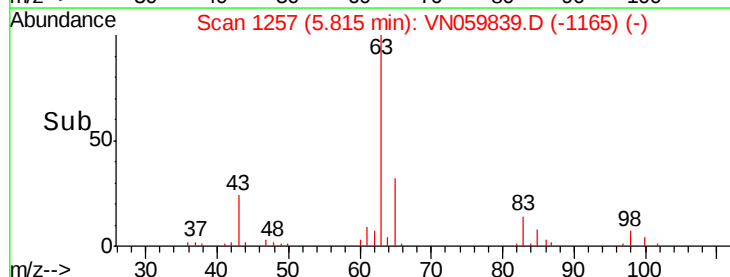
15000

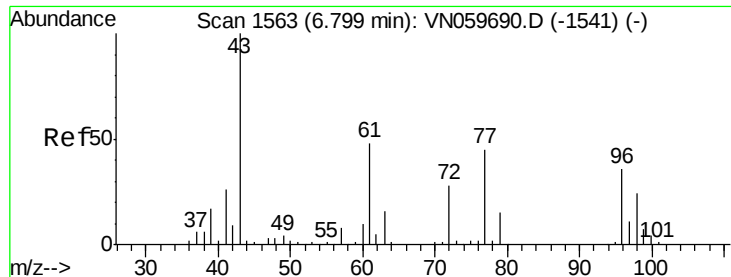
10000

5000

0

Time-->





#25

2-Butanone

Concen: 101.424 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

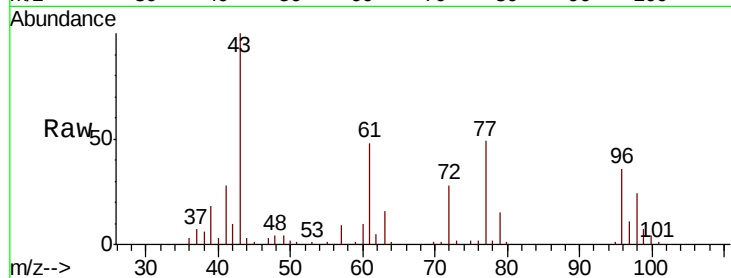
ClientSampled :

Tot Ion: 43 Resp: 129814

Ion Ratio Lower Upper

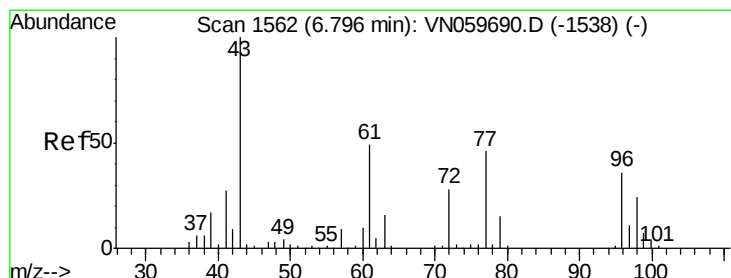
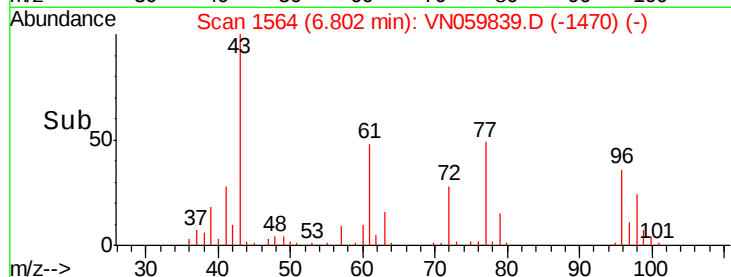
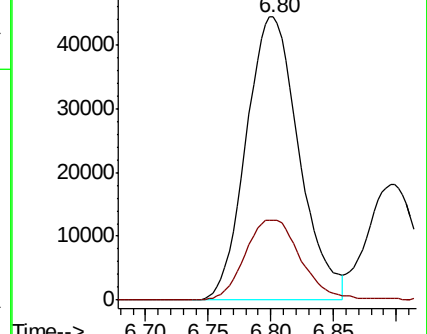
43 100

72 28.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-1541) (-)

Ion 72.00 (71.70 to 72.70): VN059690.D (-1541) (-)



#26

2,2-Dichloropropane

Concen: 21.334 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059839.D

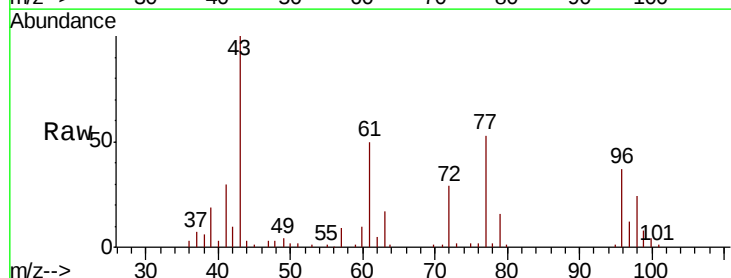
Acq: 24 Jan 2020 12:47

Tgt Ion: 77 Resp: 71278

Ion Ratio Lower Upper

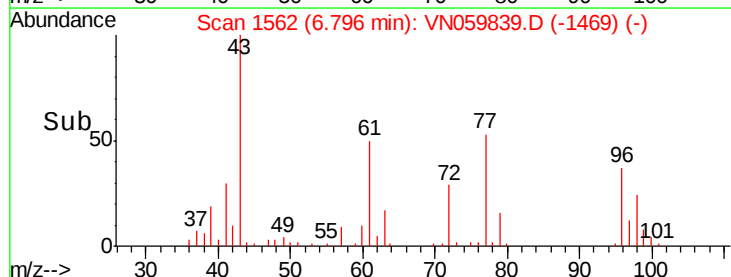
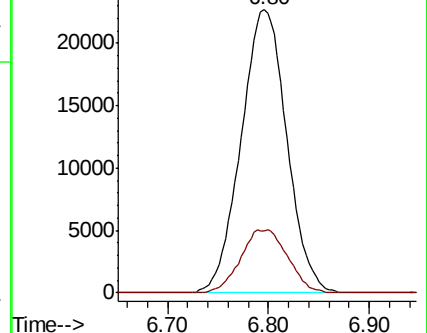
77 100

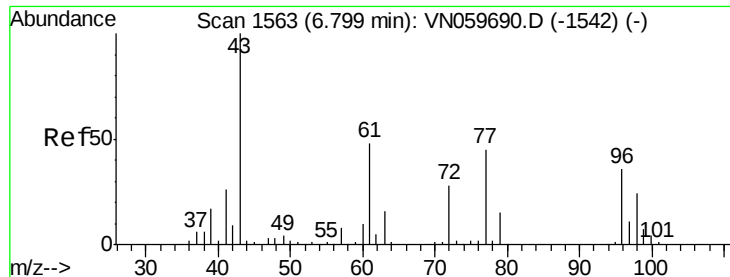
97 23.0 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN059690.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN059690.D (-1538) (-)





#27

cis-1,2-Dichloroethene

Concen: 21.332 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

ClientSampled :

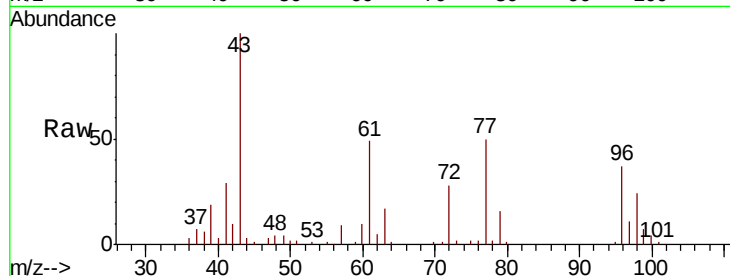
Tot Ion: 96 Resp: 48563

Ion Ratio Lower Upper

96 100

61 135.0 0.0 317.6

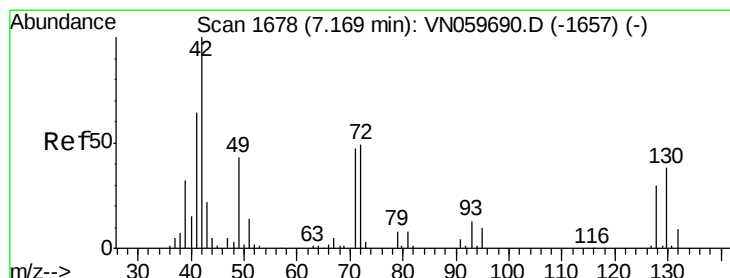
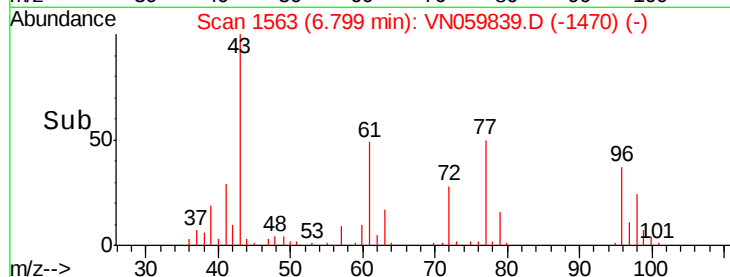
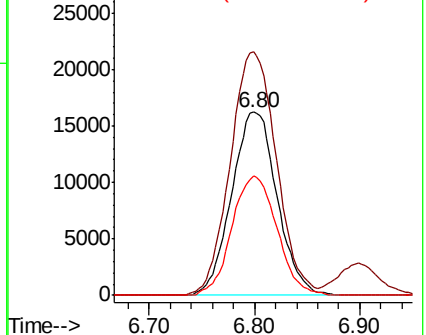
98 64.4 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN059839.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN059839.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN059839.D (-1470) (-)



#28

Bromochloromethane

Concen: 20.540 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

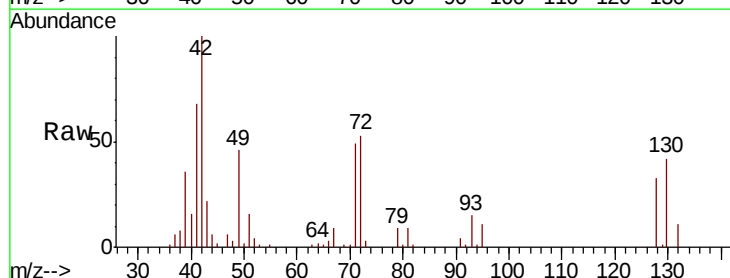
Tgt Ion: 49 Resp: 28530

Ion Ratio Lower Upper

49 100

129 0.1 0.0 3.4

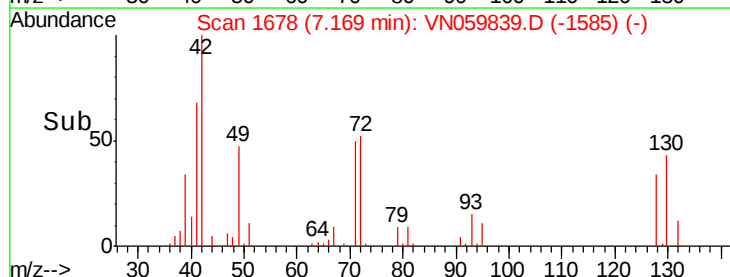
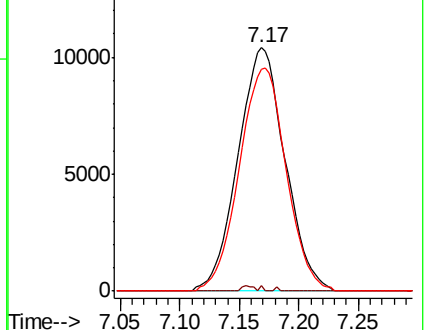
130 91.2 54.7 82.1#



Abundance Ion 48.90 (48.60 to 49.60): VN059839.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059839.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059839.D (-1585) (-)

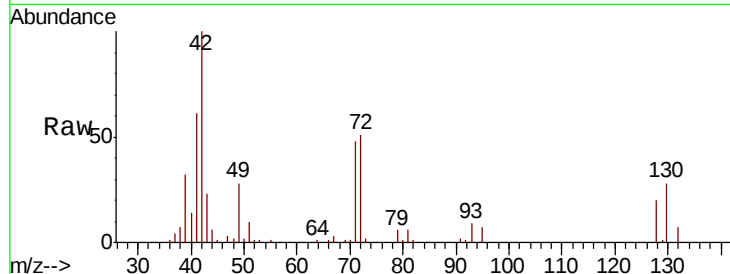




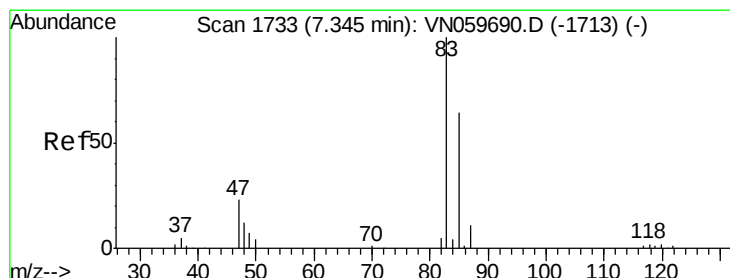
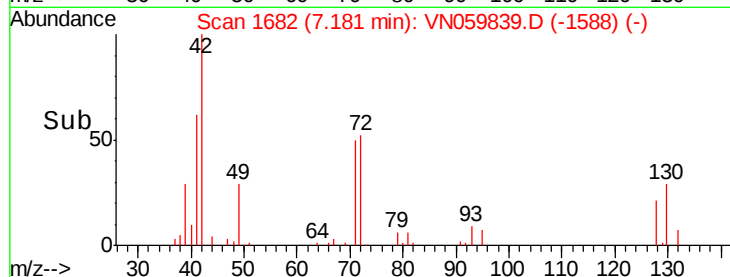
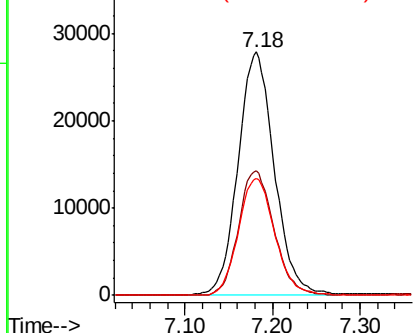
#29  
Tetrahydrofuran  
Concen: 101.584 ug/l  
RT: 7.18 min Scan# 1682  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 42 Resp: 80445  
Ion Ratio Lower Upper  
42 100  
72 50.0 33.1 49.7#  
71 48.0 31.4 47.0#

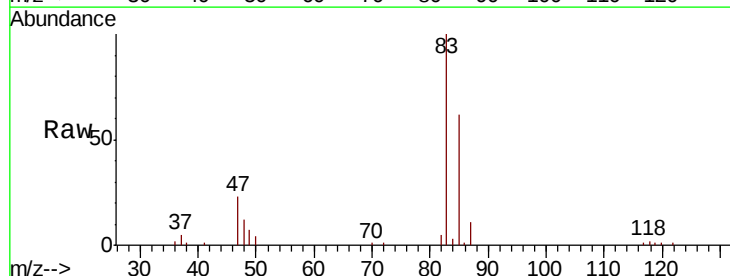


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

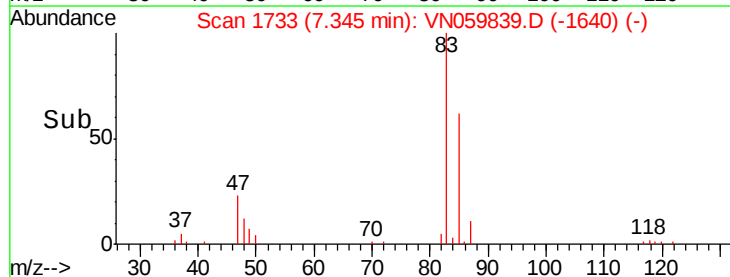
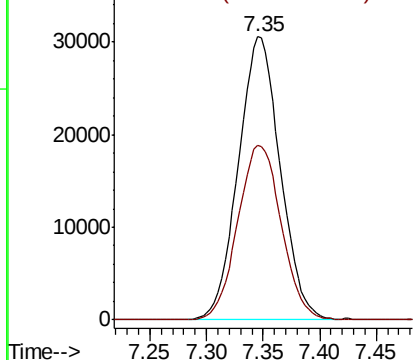


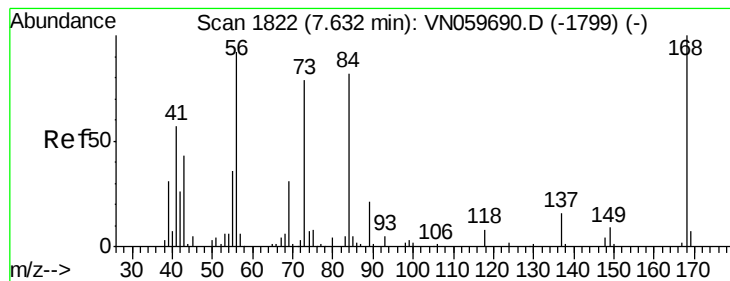
#30  
Chloroform  
Concen: 21.859 ug/l  
RT: 7.35 min Scan# 1733  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion: 83 Resp: 78709  
Ion Ratio Lower Upper  
83 100  
85 61.6 52.4 78.6



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





#31

Cyclohexane

Concen: 19.665 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

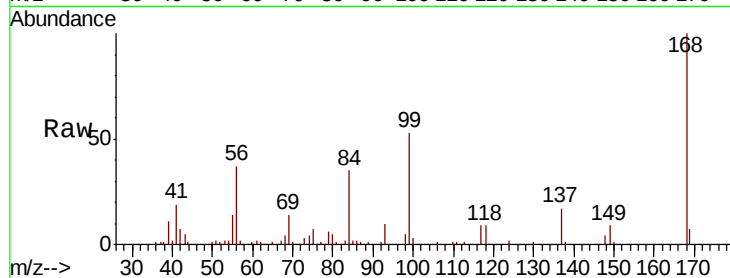
Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 65760

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 38.7  | 26.5  | 39.7  |
| 84  | 94.4  | 65.3  | 97.9  |

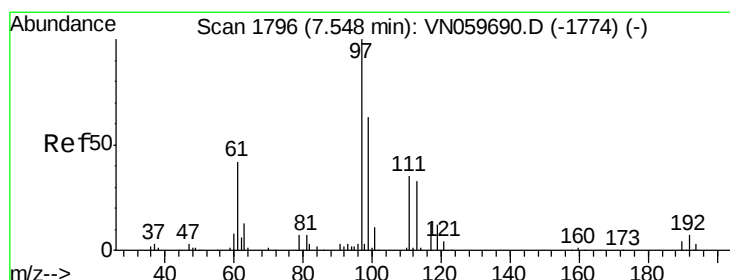
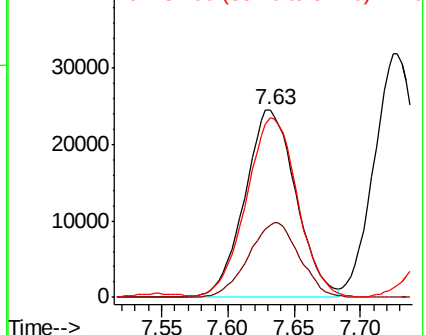
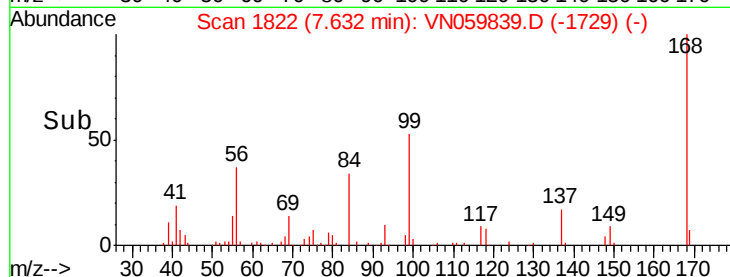


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 21.622 ug/l

RT: 7.55 min Scan# 1796

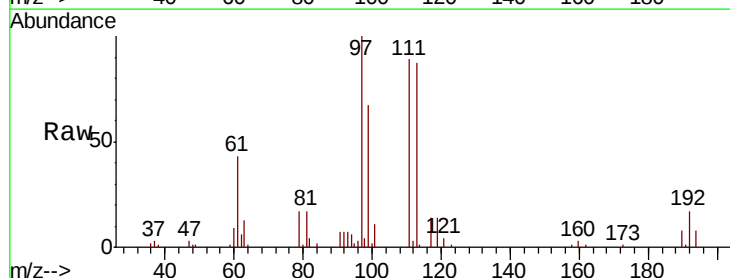
Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Tgt Ion: 97 Resp: 71986

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.9  | 51.0  | 76.4  |
| 61  | 41.2  | 38.5  | 57.7  |

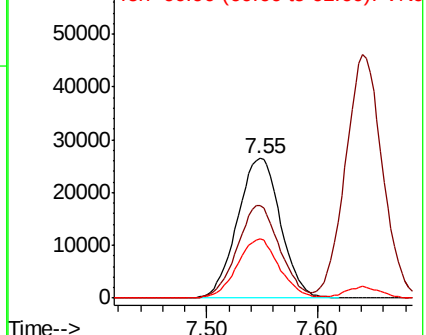
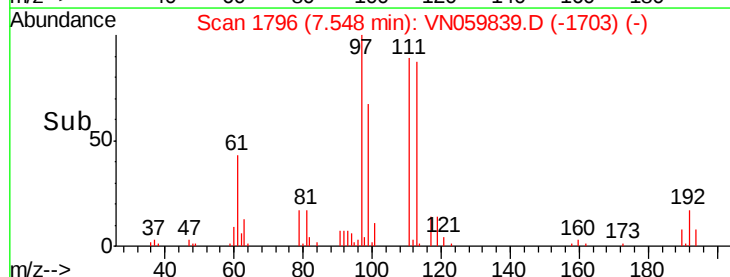


Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

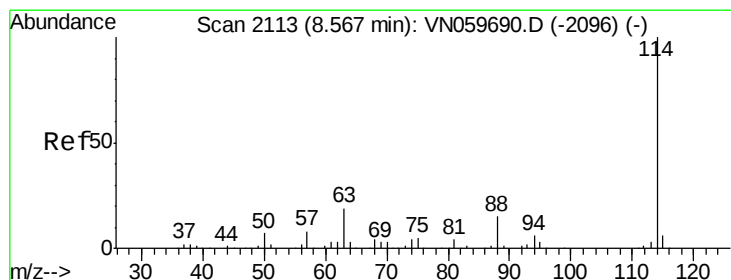
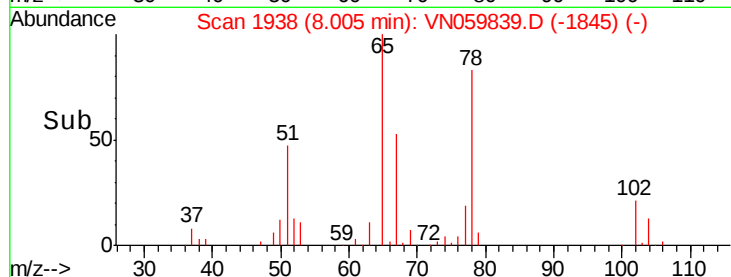
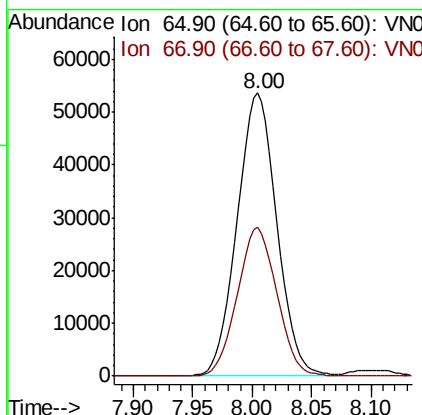
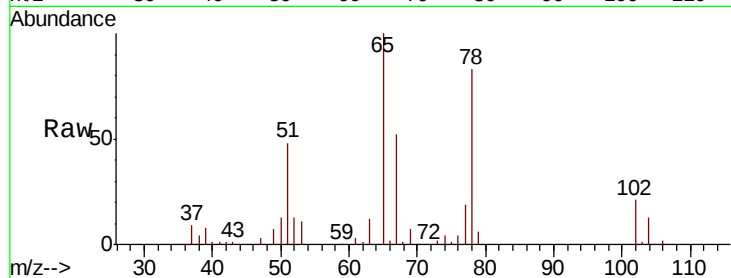




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.920 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

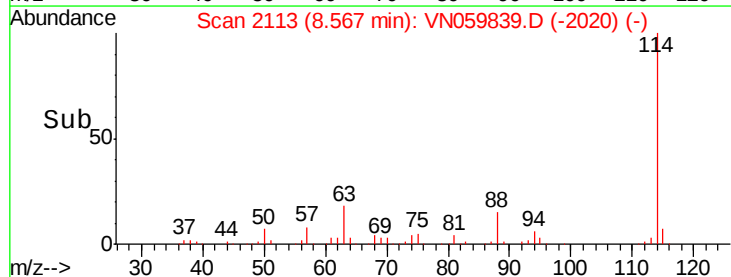
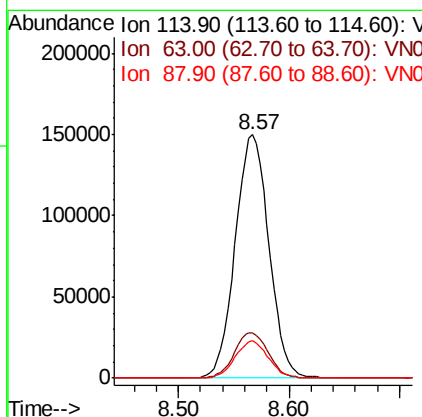
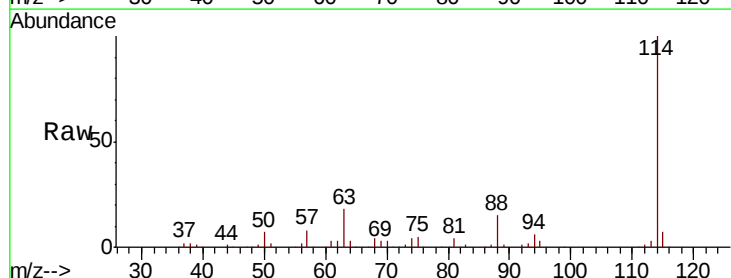
Instrument :  
 MSVOA\_N  
 ClientSampled :

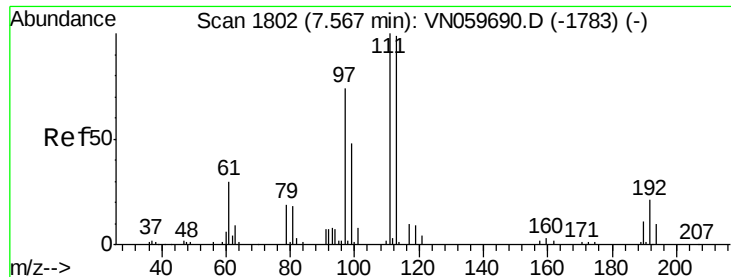
Tot Ion: 65 Resp: 124128  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Tgt Ion: 114 Resp: 317022  
 Ion Ratio Lower Upper  
 114 100  
 63 18.5 0.0 43.6  
 88 15.3 0.0 31.4

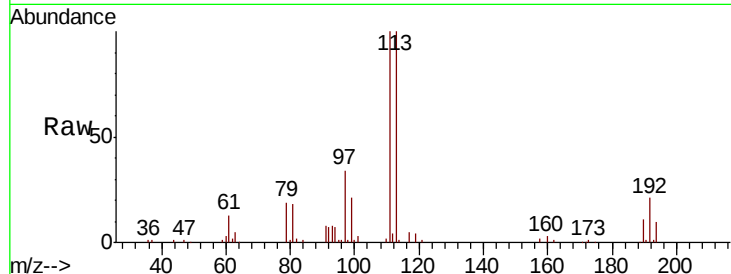




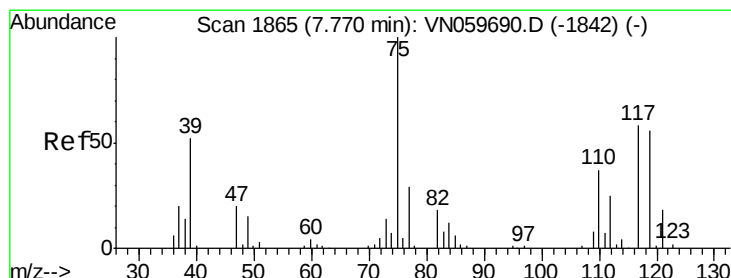
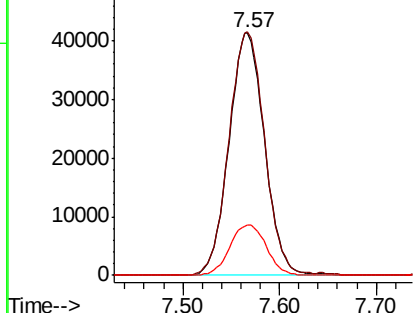
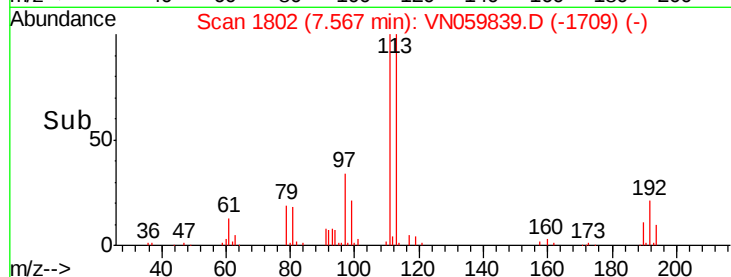
#35  
 Dibromofluoromethane  
 Concen: 55.804 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 100.9 | 83.5  | 125.3 |
| 192     | 21.3  | 15.4  | 23.2  |

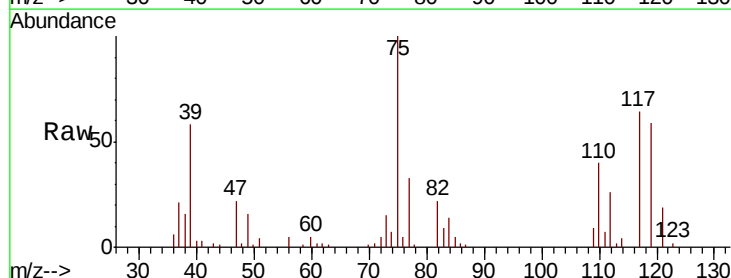


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

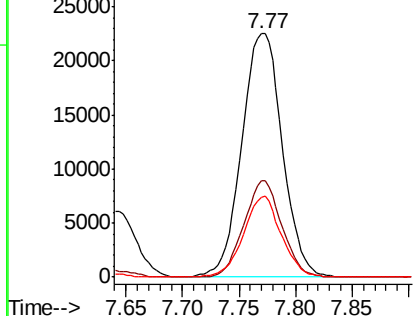
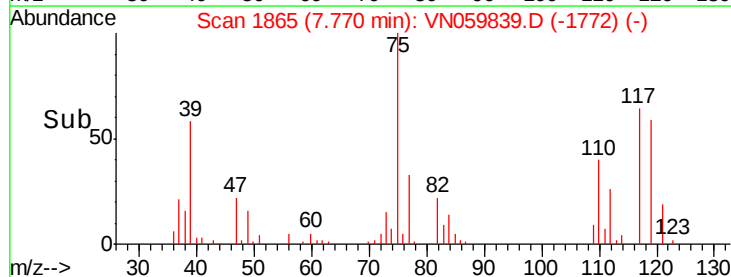


#36  
 1,1-Dichloropropene  
 Concen: 20.362 ug/l  
 RT: 7.77 min Scan# 1865  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.6  | 16.6  | 49.7  |
| 77      | 30.9  | 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

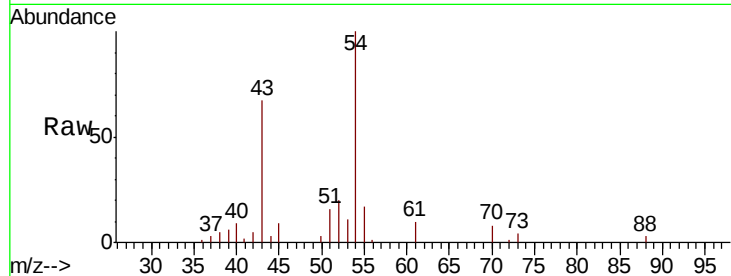




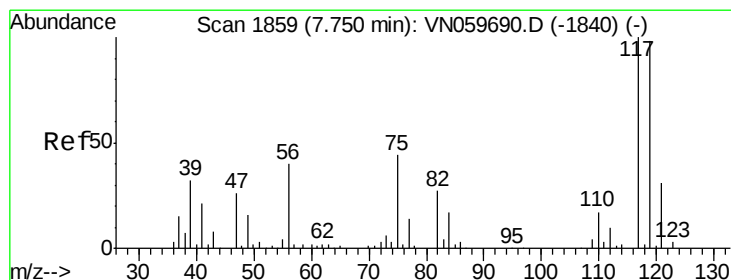
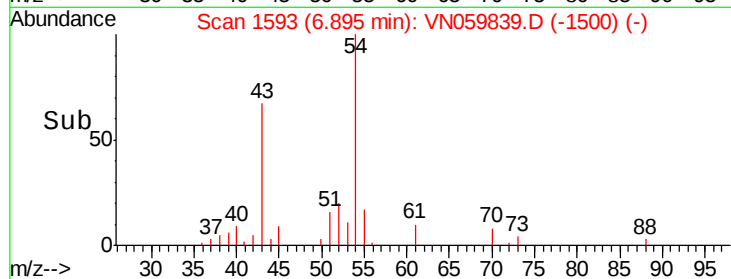
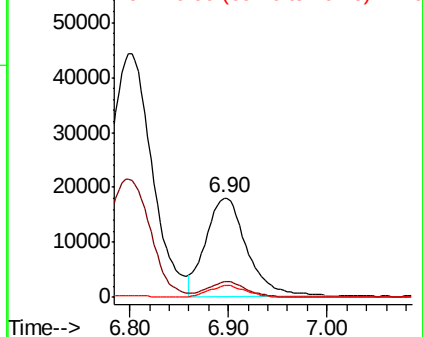
#37  
Ethyl Acetate  
Concen: 20.224 ug/l  
RT: 6.90 min Scan# 1593  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 52367  
Ion Ratio Lower Upper  
43 100  
61 15.3 10.9 16.3  
70 11.1 7.7 11.5

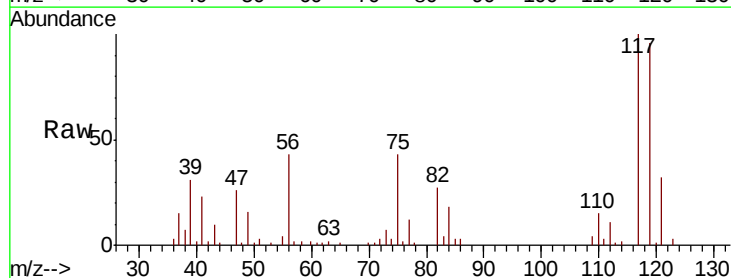


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

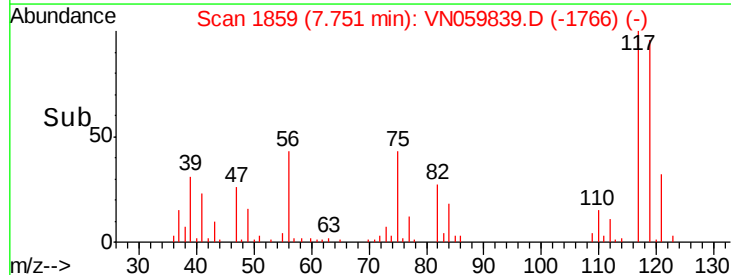
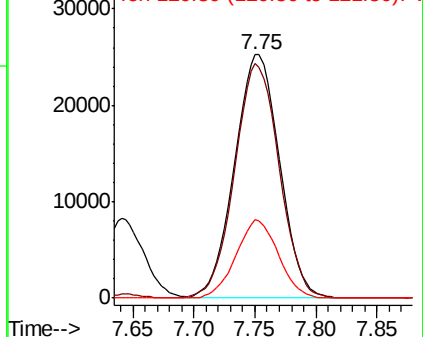


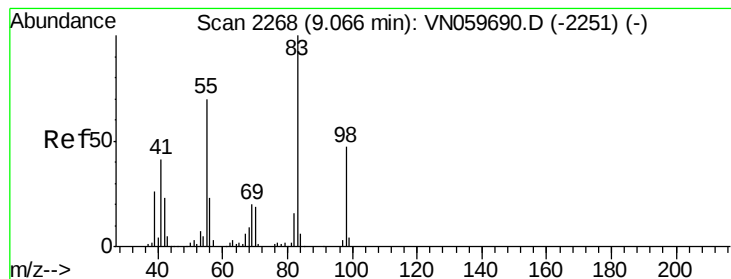
#38  
Carbon Tetrachloride  
Concen: 21.500 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion: 117 Resp: 64568  
Ion Ratio Lower Upper  
117 100  
119 96.5 76.5 114.7  
121 32.0 25.1 37.7



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: 20.178 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

ClientSampled :

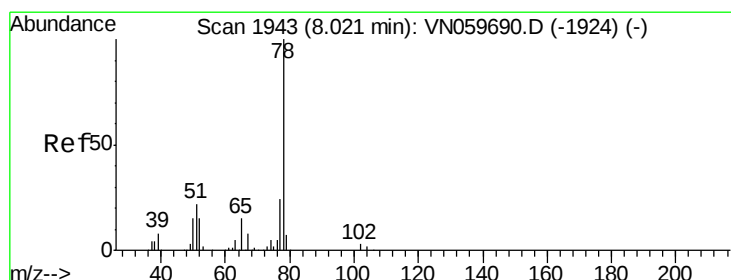
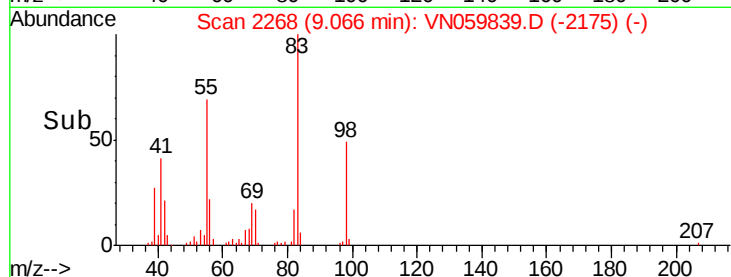
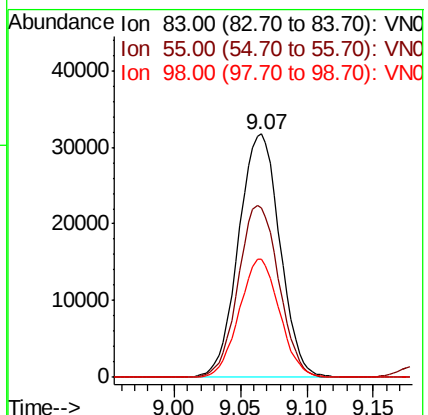
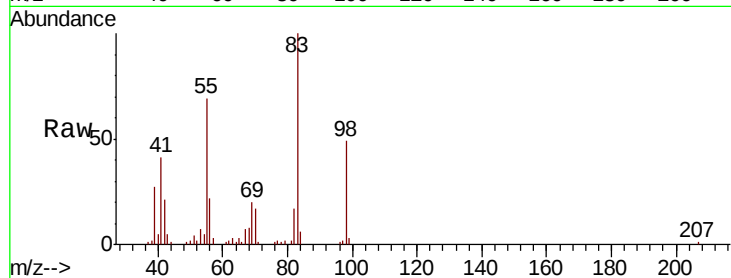
Tot Ion: 83 Resp: 68687

Ion Ratio Lower Upper

83 100

55 69.4 64.2 96.2

98 48.7 35.9 53.9



#40

Benzene

Concen: 20.735 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN059839.D

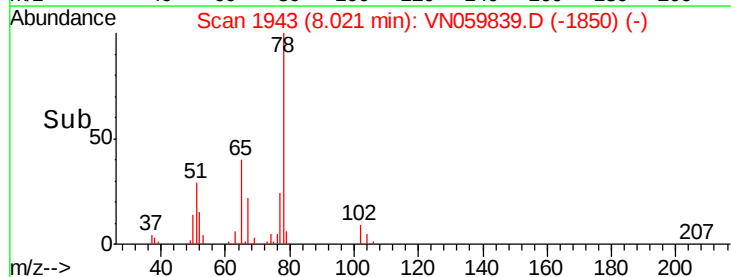
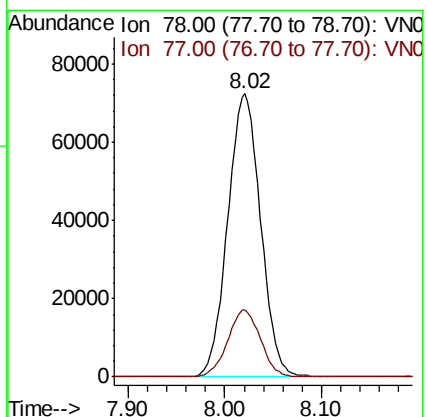
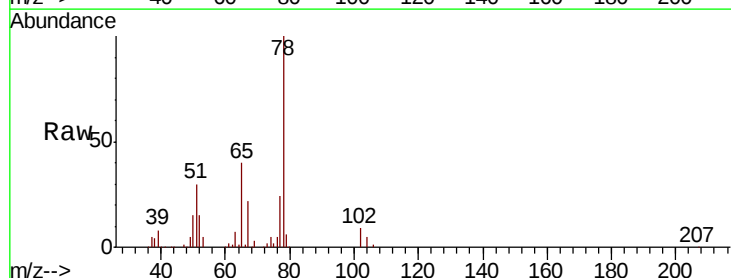
Acq: 24 Jan 2020 12:47

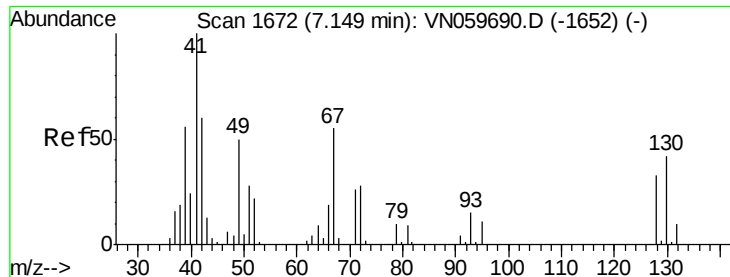
Tgt Ion: 78 Resp: 170725

Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3

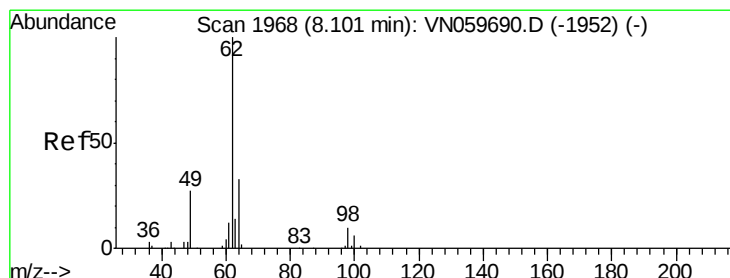
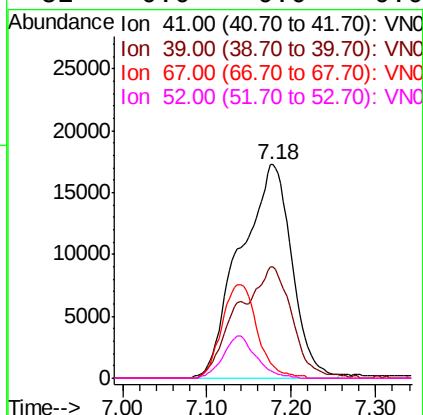
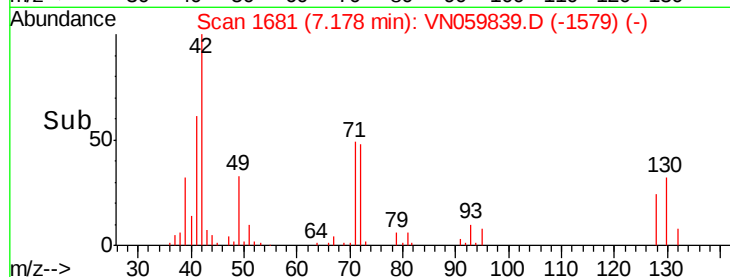
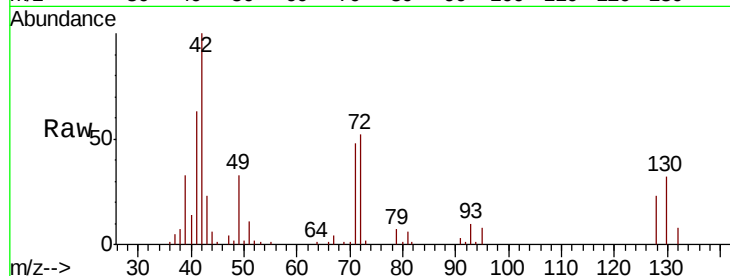




#41  
Methacrylonitrile  
Concen: 57.613 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.03 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

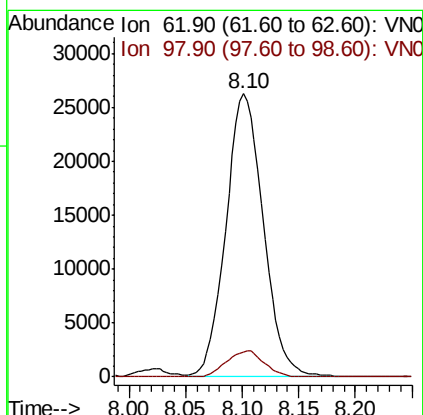
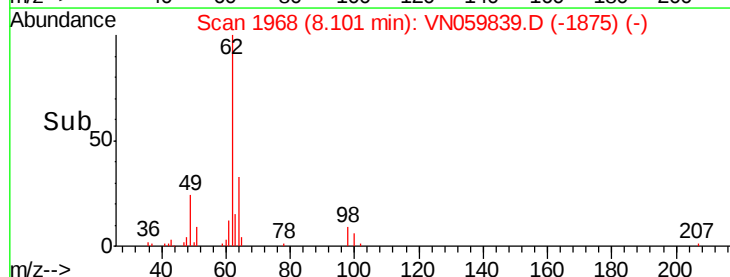
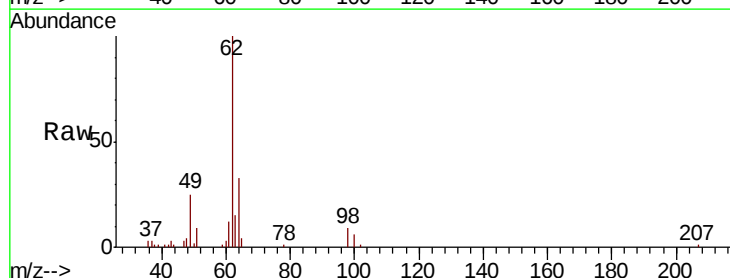
Instrument :  
MSVOA\_N  
ClientSampleId :

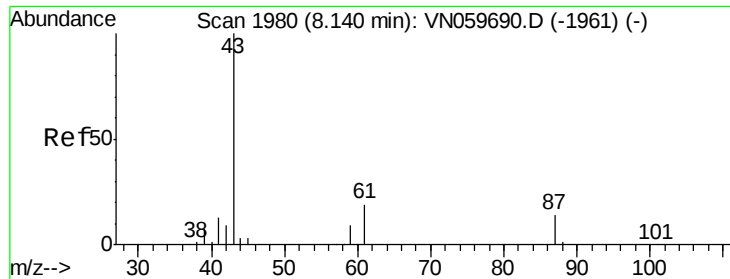
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 73479 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |



#42  
1,2-Dichloroethane  
Concen: 21.678 ug/l  
RT: 8.10 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 60516 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.2   | 0.0   | 15.8  |





#43

Isopropyl Acetate

Concen: 19.854 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

ClientSampled :

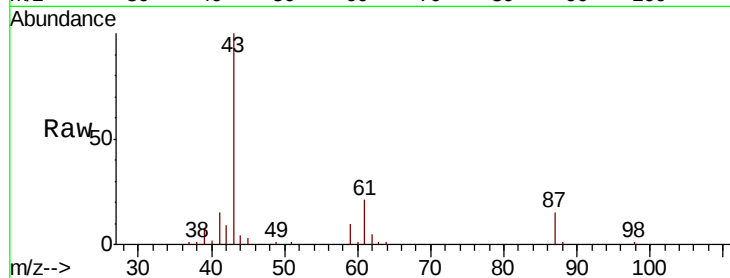
Tot Ion: 43 Resp: 88425

Ion Ratio Lower Upper

43 100

61 27.6 20.2 30.2

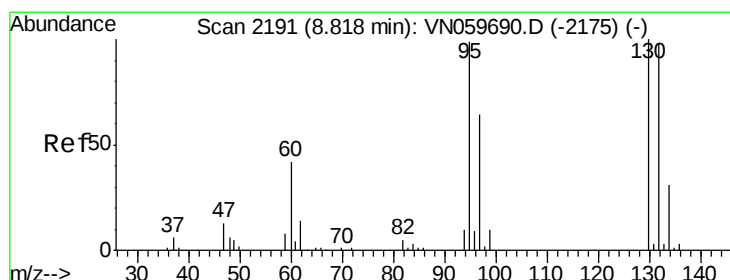
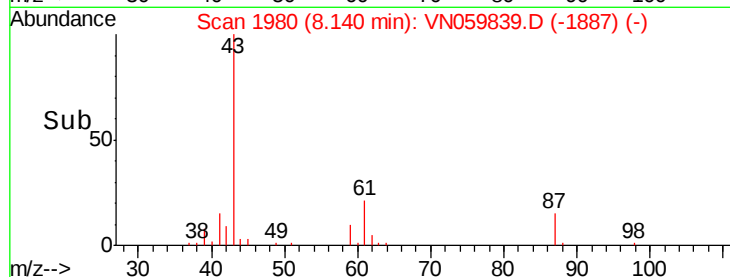
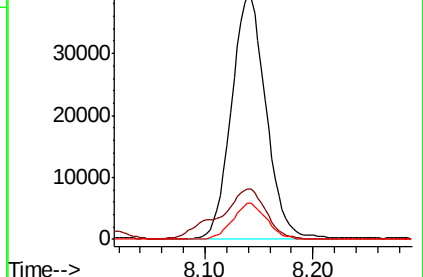
87 14.4 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059839.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059839.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059839.D (-1961) (-)



#44

Trichloroethene

Concen: 22.153 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059839.D

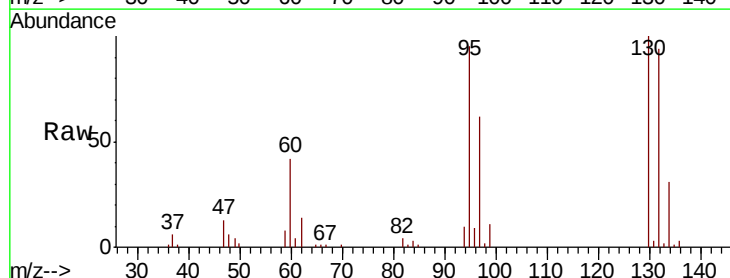
Acq: 24 Jan 2020 12:47

Tgt Ion:130 Resp: 49792

Ion Ratio Lower Upper

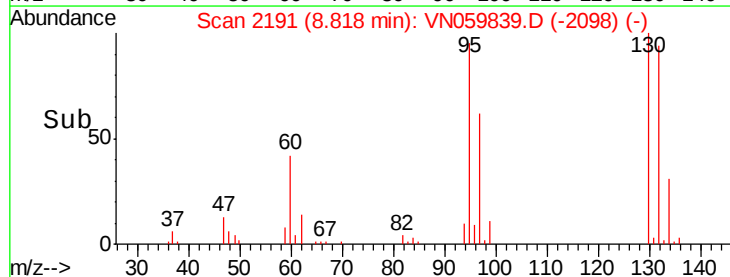
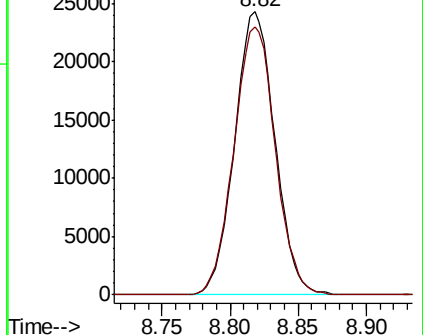
130 100

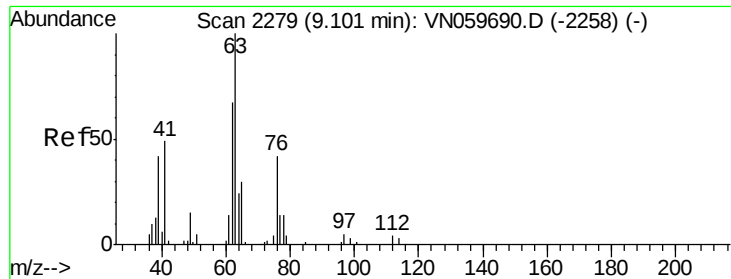
95 94.7 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059839.D (-2191) (-)

Ion 94.90 (94.60 to 95.60): VN059839.D (-2191) (-)

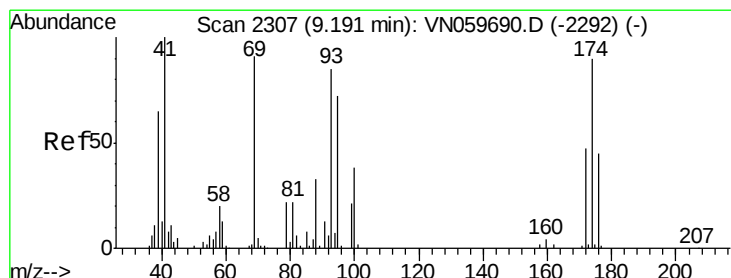
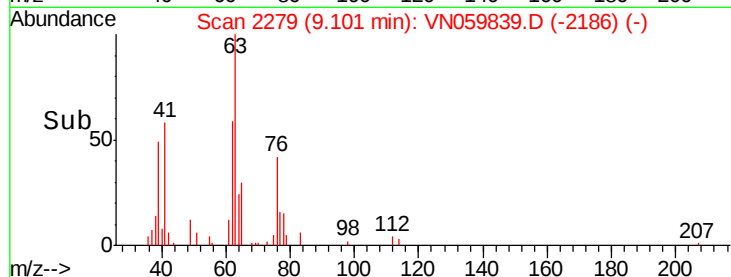
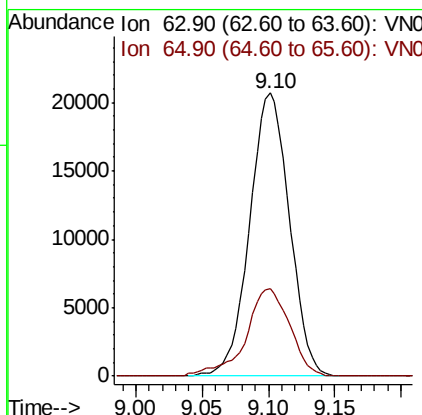
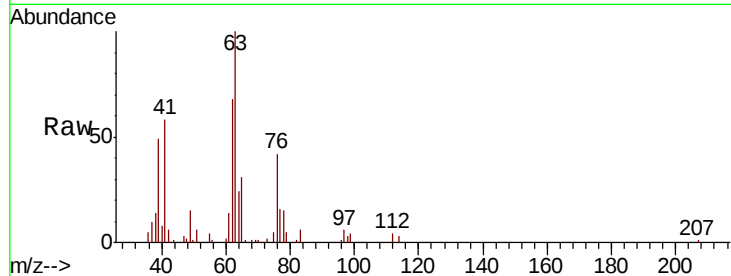




#45  
 1,2-Dichloropropane  
 Concen: 21.184 ug/l  
 RT: 9.10 min Scan# 2279  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

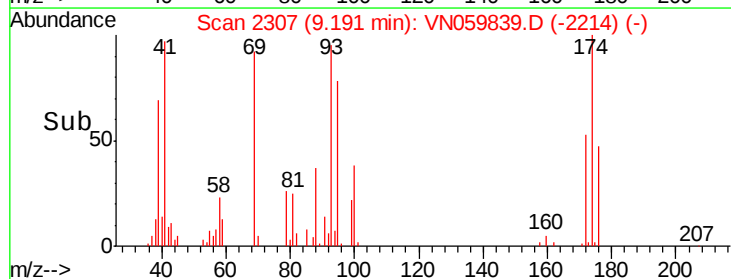
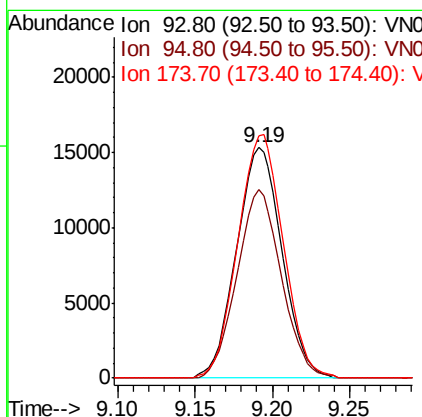
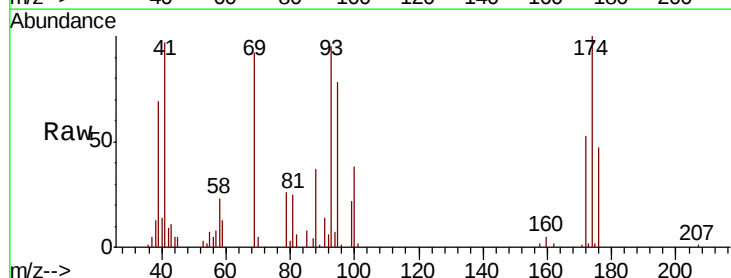
Instrument :  
 MSVOA\_N  
 ClientSampled :

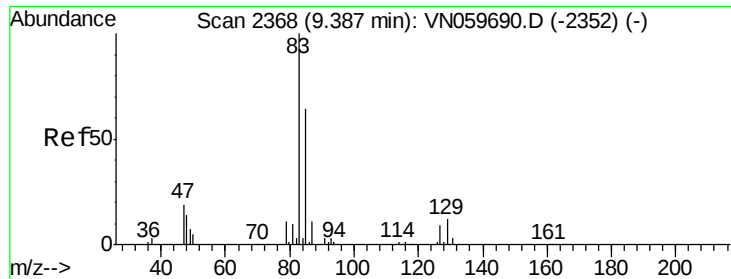
Tot Ion: 63 Resp: 43160  
 Ion Ratio Lower Upper  
 63 100  
 65 30.9 24.9 37.3



#46  
 Dibromomethane  
 Concen: 21.814 ug/l  
 RT: 9.19 min Scan# 2307  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Tgt Ion: 93 Resp: 31351  
 Ion Ratio Lower Upper  
 93 100  
 95 79.8 67.0 100.6  
 174 105.4 73.4 110.2

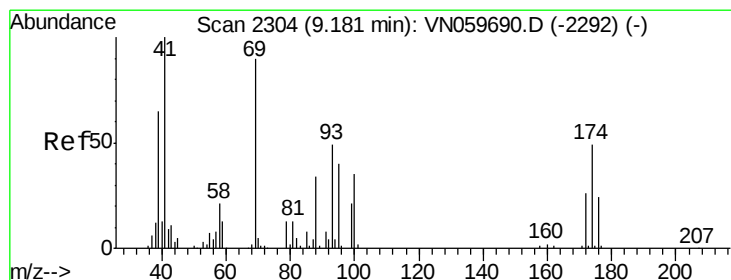
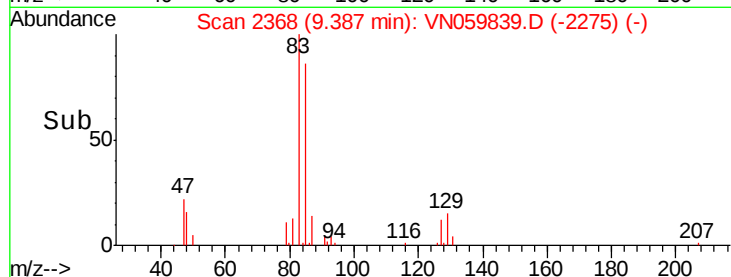
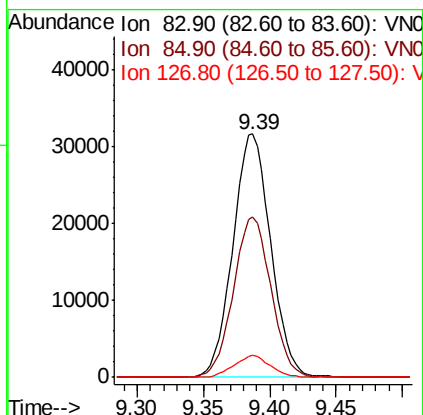
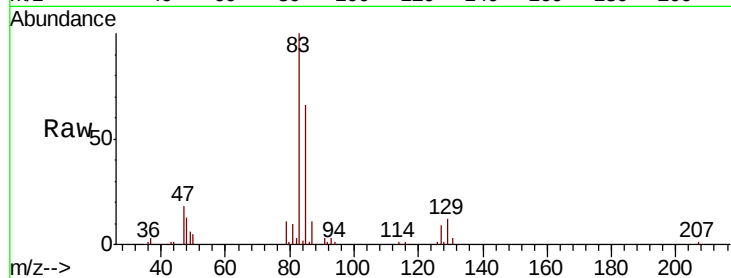




#47  
Bromodichloromethane  
Concen: 21.636 ug/l  
RT: 9.39 min Scan# 2368  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

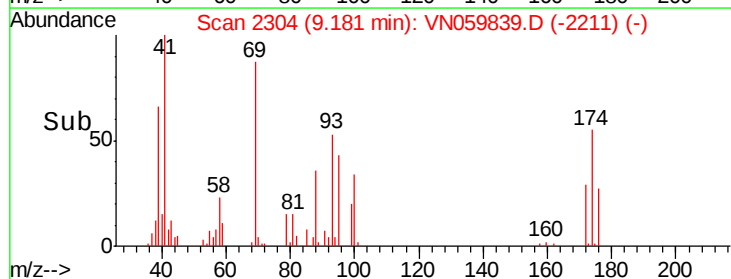
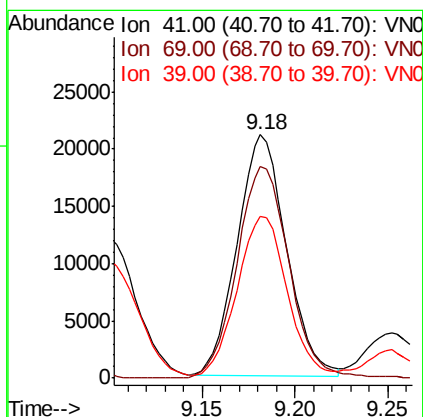
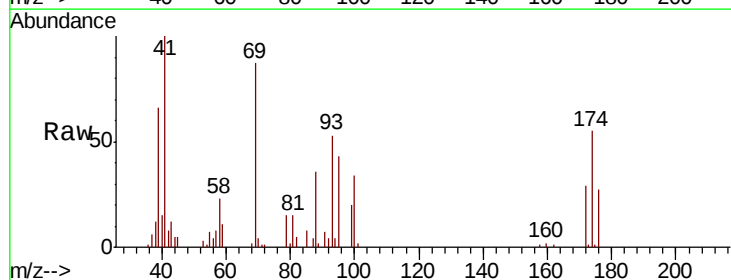
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 83 Resp: 62663  
Ion Ratio Lower Upper  
83 100  
85 65.9 51.1 76.7  
127 8.9 6.6 9.8



#48  
Methyl methacrylate  
Concen: 19.512 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion: 41 Resp: 38870  
Ion Ratio Lower Upper  
41 100  
69 93.1 64.4 96.6  
39 68.8 51.3 76.9

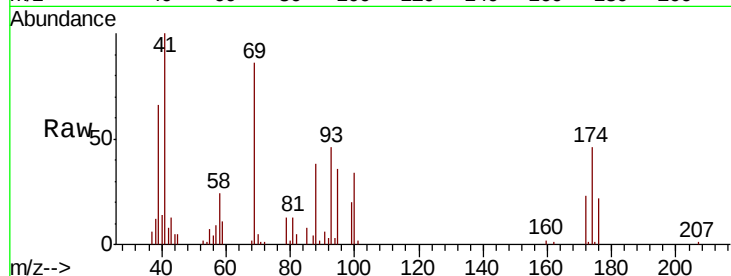




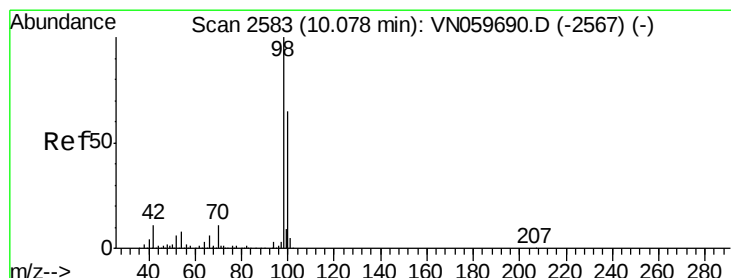
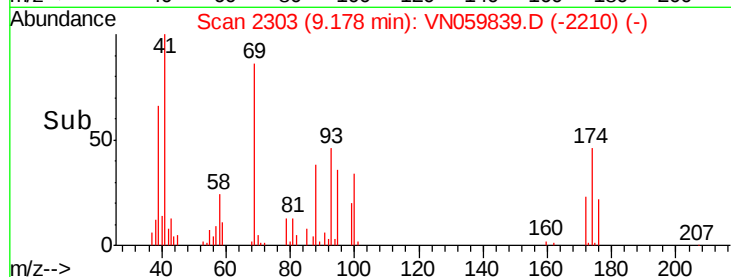
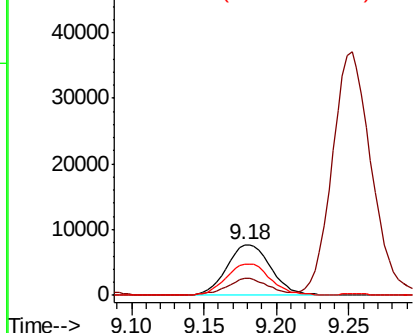
#49  
 1,4-Dioxane  
 Concen: 451.751 ug/l  
 RT: 9.18 min Scan# 2303  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion: 88 Resp: 16475  
 Ion Ratio Lower Upper  
 88 100  
 43 31.5 29.7 44.5  
 58 61.8 56.6 85.0

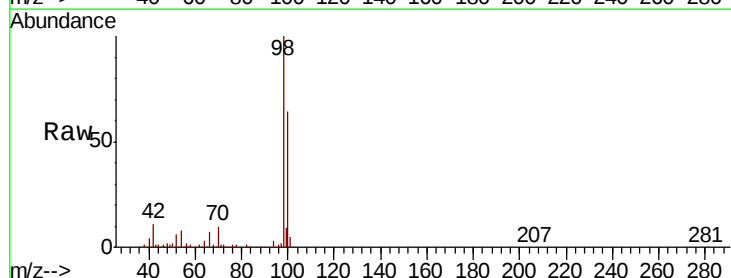


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

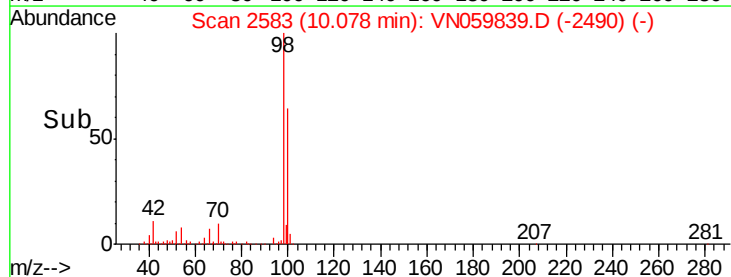
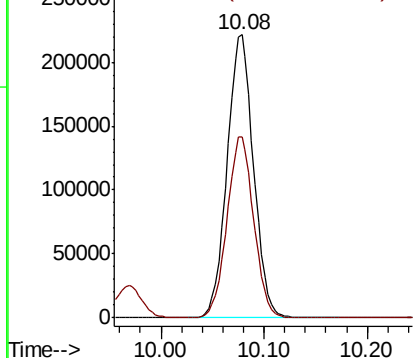


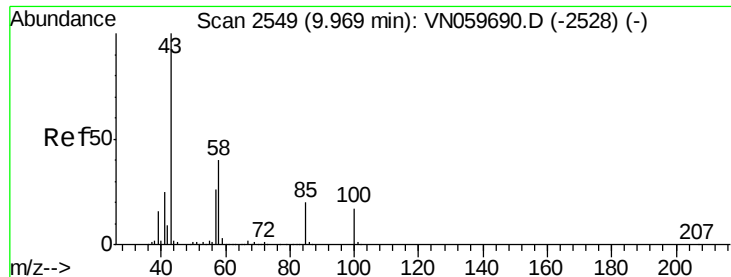
#50  
 Toluene-d8  
 Concen: 53.982 ug/l  
 RT: 10.08 min Scan# 2583  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Tgt Ion: 98 Resp: 395417  
 Ion Ratio Lower Upper  
 98 100  
 100 64.5 51.2 76.8



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

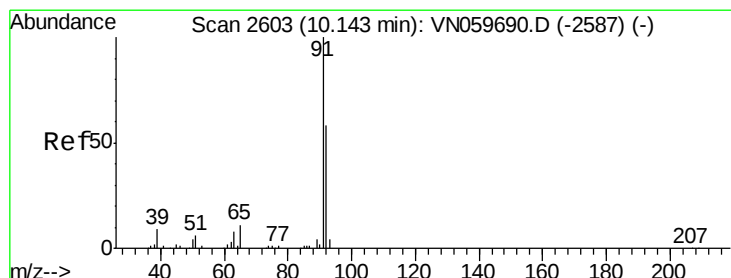
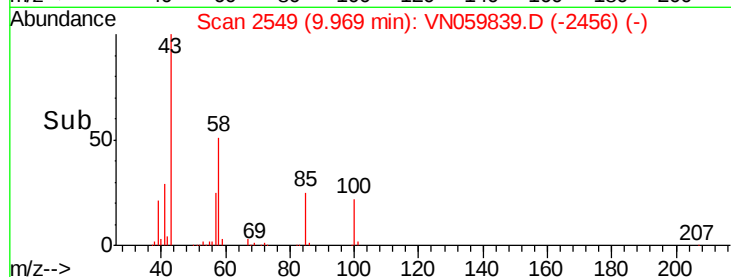
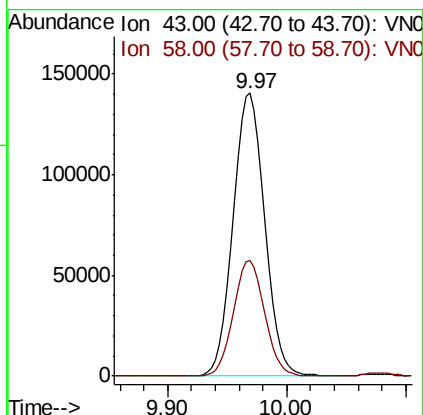
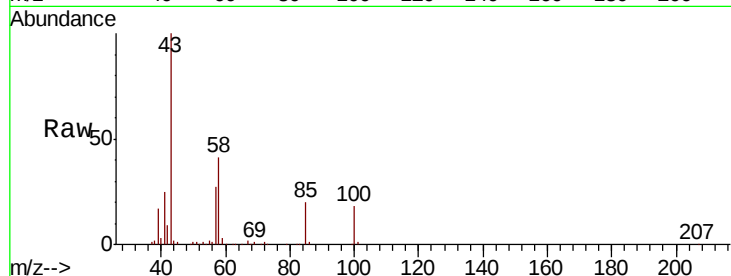




#51  
4-Methyl-2-Pentanone  
Concen: 100.742 ug/l  
RT: 9.97 min Scan# 2549  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

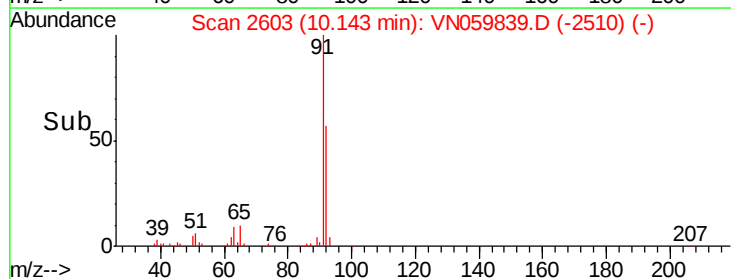
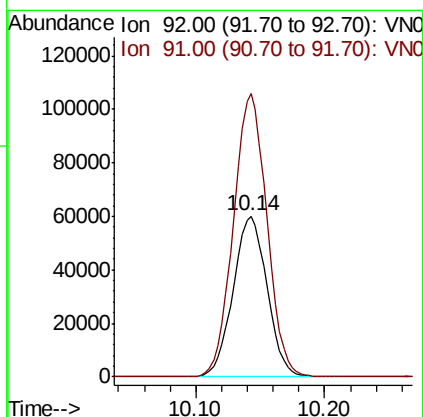
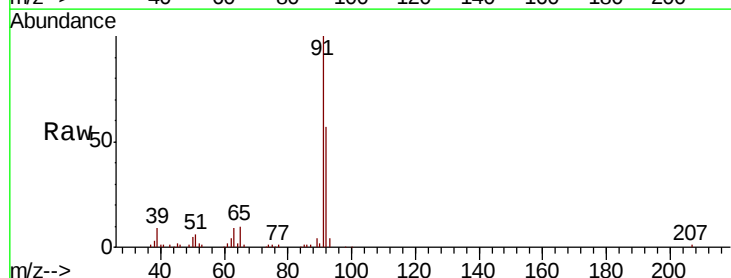
Instrument :  
MSVOA\_N  
ClientSampleId :

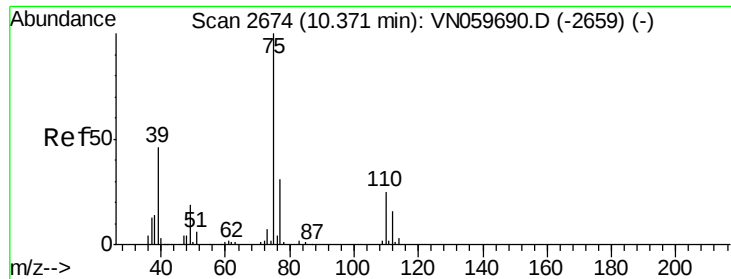
Tot Ion: 43 Resp: 259370  
Ion Ratio Lower Upper  
43 100  
58 40.4 29.8 44.8



#52  
Toluene  
Concen: 21.119 ug/l  
RT: 10.14 min Scan# 2603  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion: 92 Resp: 109832  
Ion Ratio Lower Upper  
92 100  
91 174.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.710 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

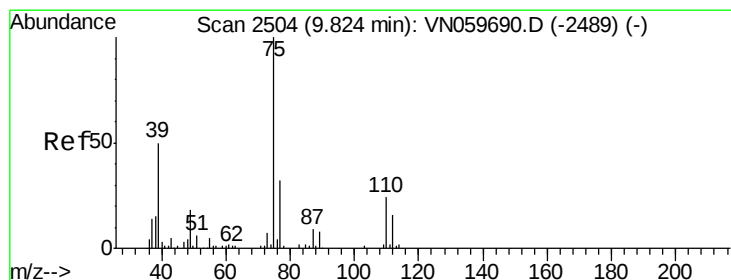
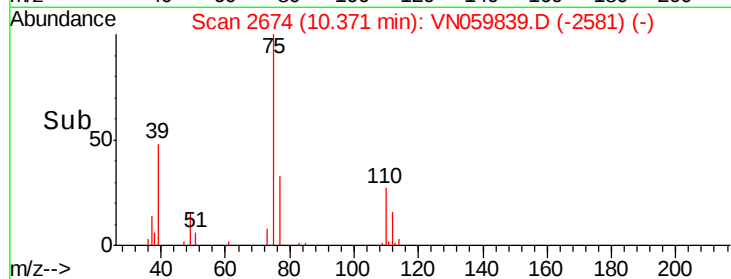
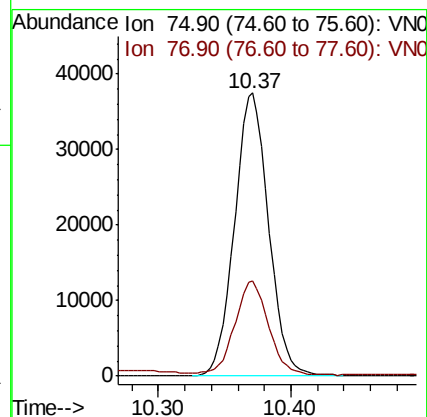
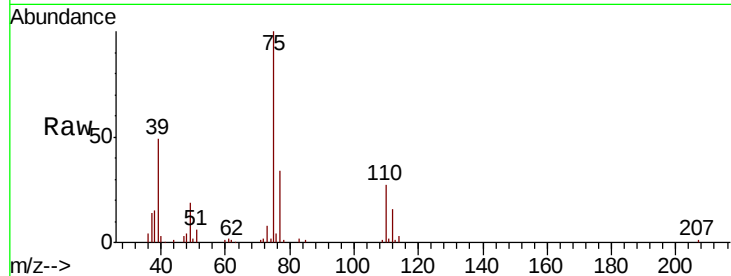
ClientSampleId :

Tot Ion: 75 Resp: 66974

Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.141 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

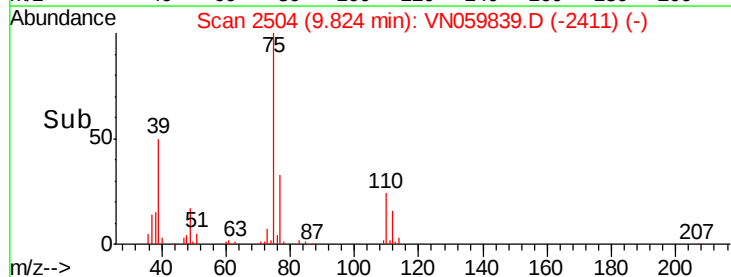
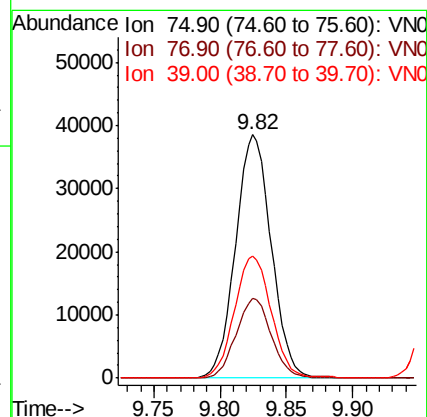
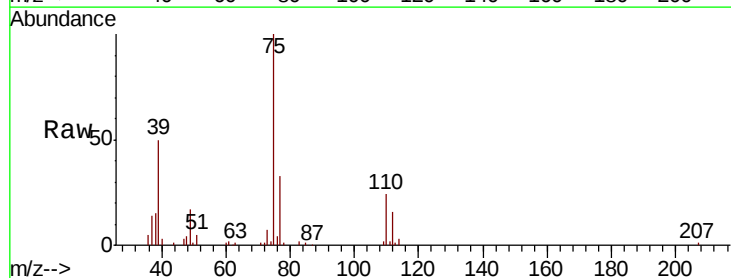
Tgt Ion: 75 Resp: 71935

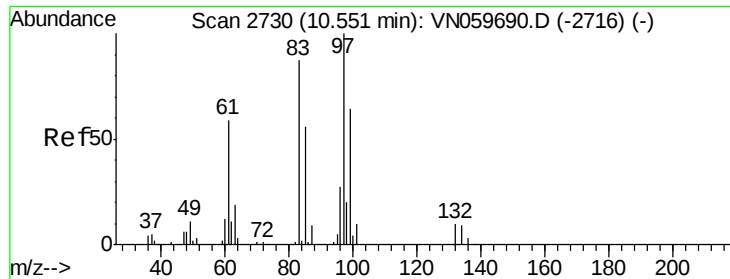
Ion Ratio Lower Upper

75 100

77 32.7 25.1 37.7

39 50.3 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 21.417 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

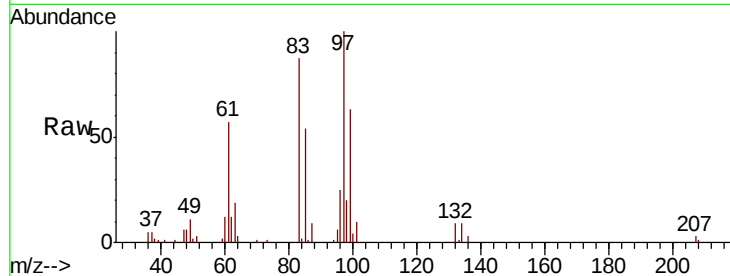
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 97 Resp: 44114

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.6  | 71.3  | 106.9 |
| 85  | 54.2  | 45.8  | 68.8  |
| 99  | 63.1  | 50.0  | 75.0  |



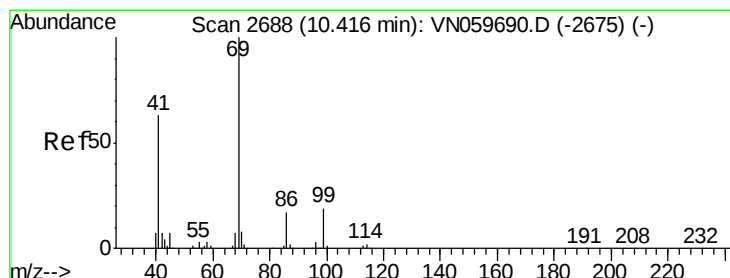
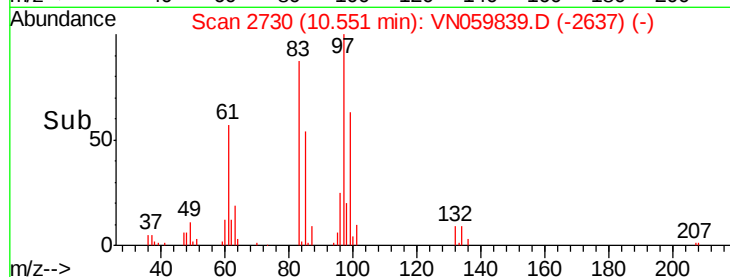
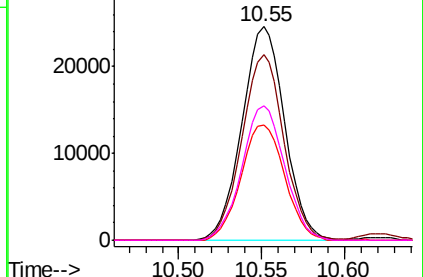
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.087 ug/l

RT: 10.42 min Scan# 2688

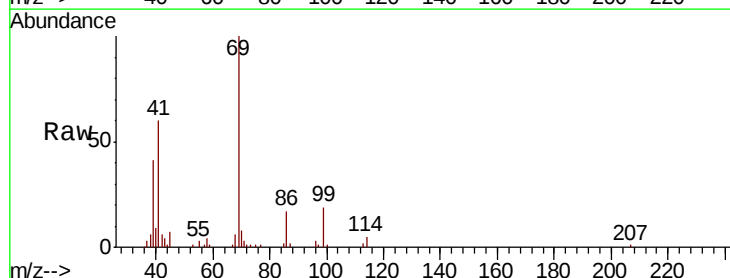
Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Tgt Ion: 69 Resp: 63222

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 59.7  | 57.1  | 85.7  |
| 39  | 42.4  | 34.7  | 52.1  |

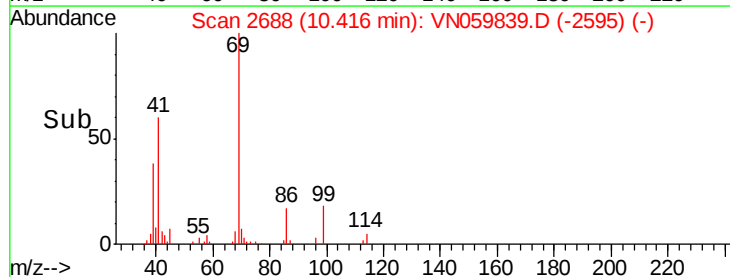
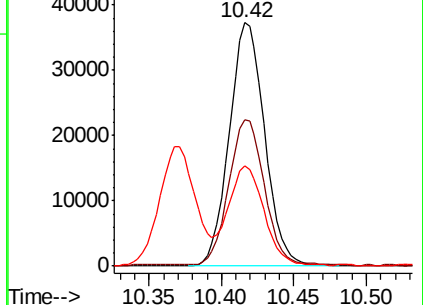


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.745 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

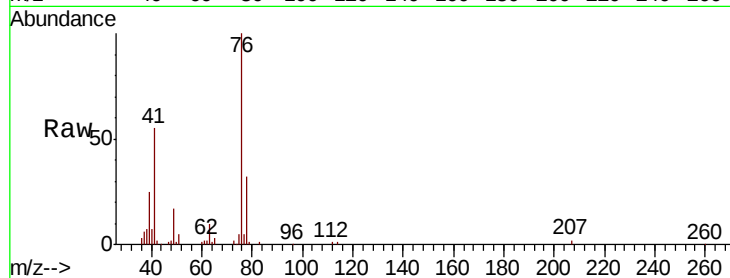
ClientSampled :

Tot Ion: 76 Resp: 71110

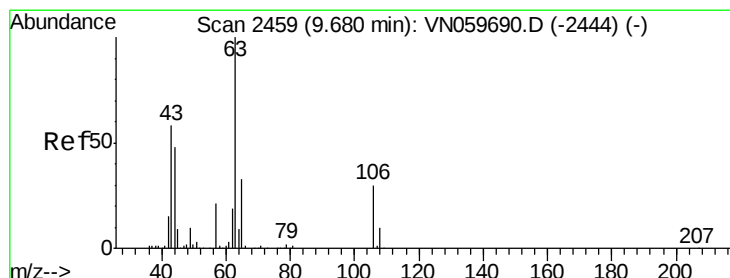
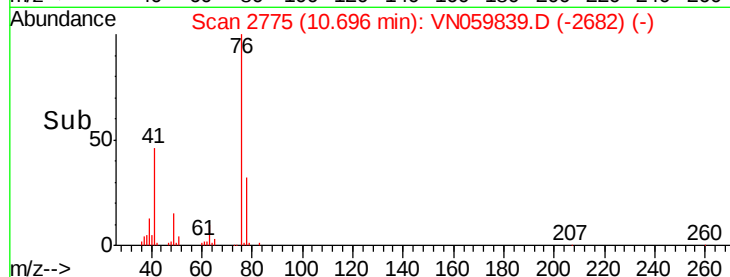
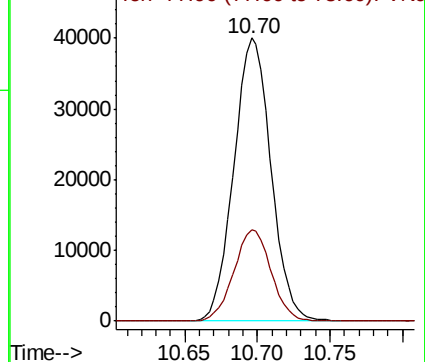
Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN059839.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 126.064 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059839.D

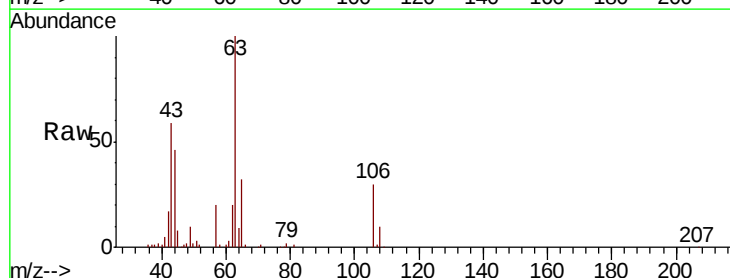
Acq: 24 Jan 2020 12:47

Tgt Ion: 63 Resp: 119507

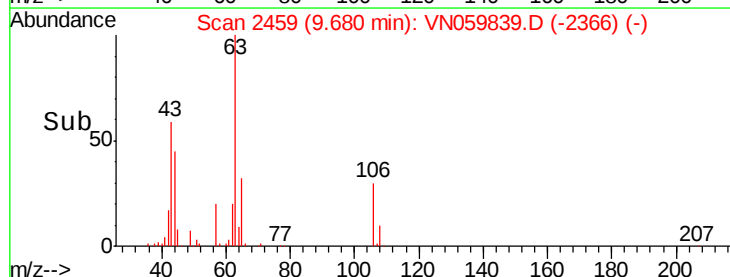
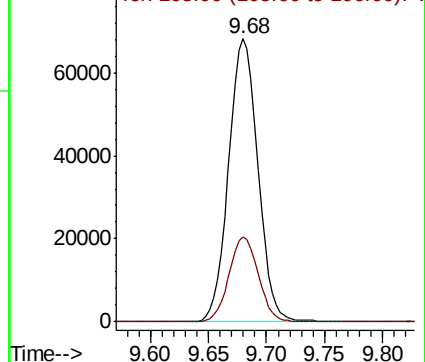
Ion Ratio Lower Upper

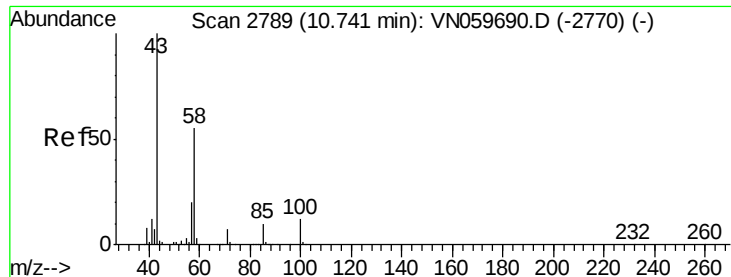
63 100

106 30.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN059839.D (-2366) (-)

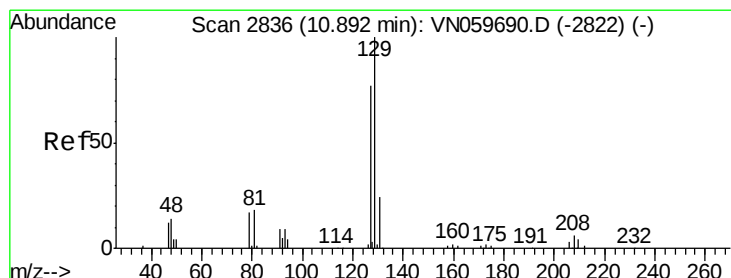
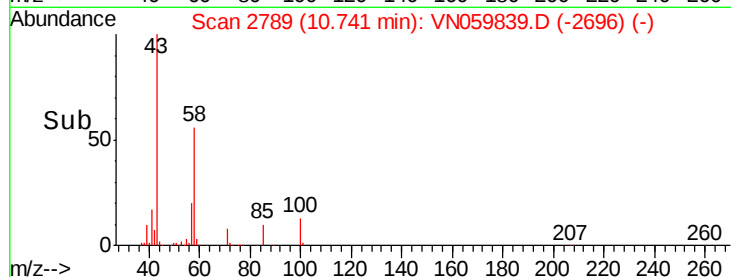
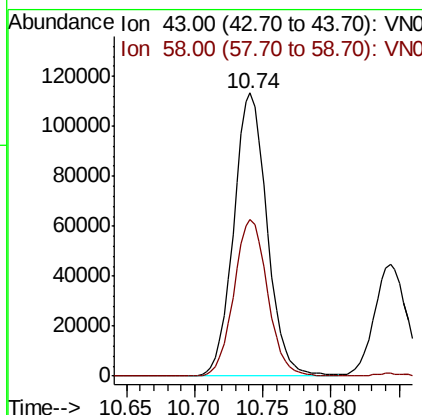
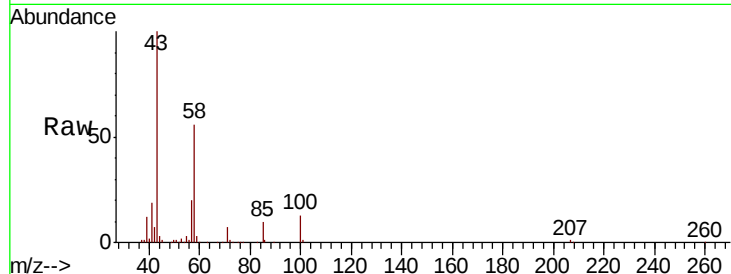




#59  
2-Hexanone  
Concen: 101.486 ug/l  
RT: 10.74 min Scan# 2789  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

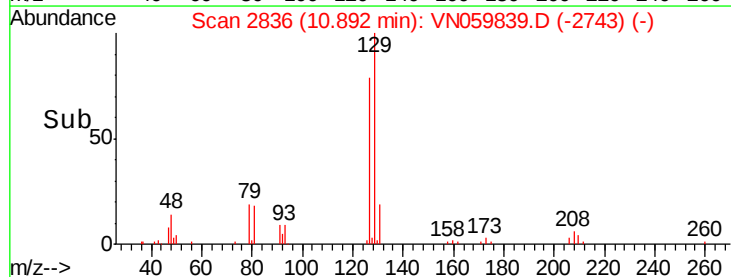
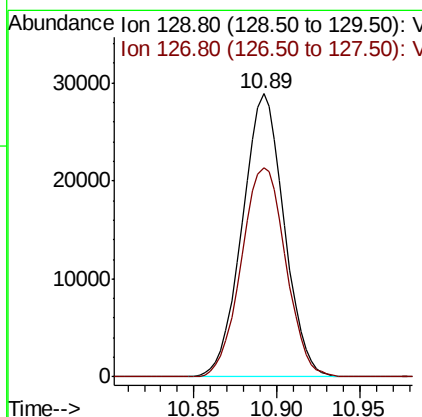
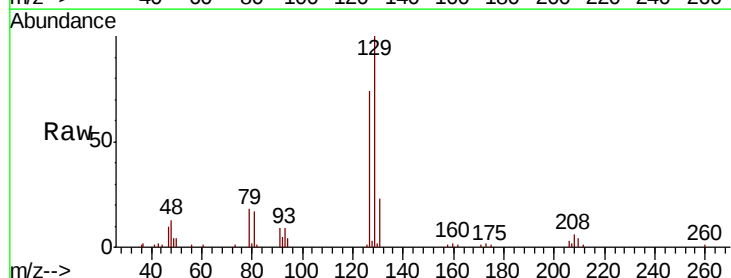
Instrument :  
MSVOA\_N  
ClientSampled :

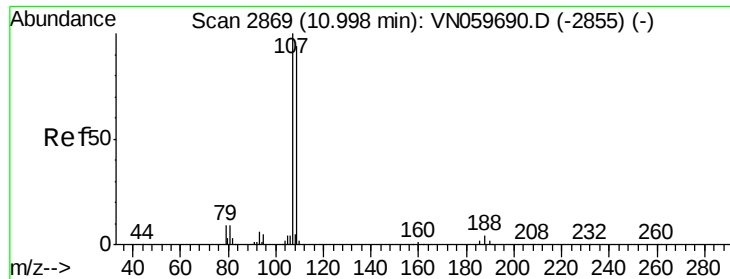
Tot Ion: 43 Resp: 192490  
Ion Ratio Lower Upper  
43 100  
58 55.8 25.8 77.3



#60  
Dibromochloromethane  
Concen: 21.568 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion: 129 Resp: 50589  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.544 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

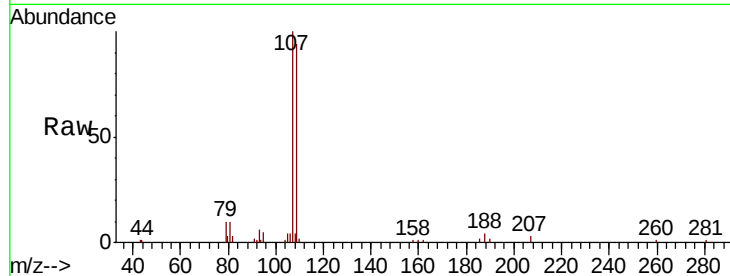
ClientSampled :

Tot Ion:107 Resp: 46512

Ion Ratio Lower Upper

107 100

109 94.0 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.99

25000

20000

15000

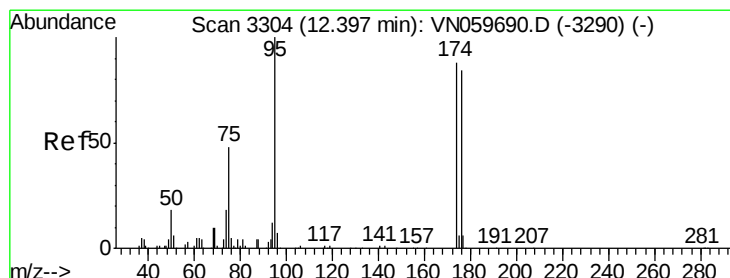
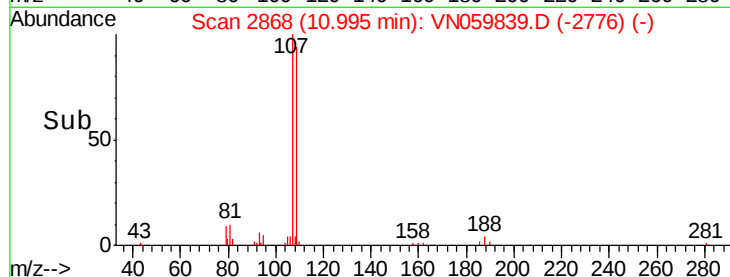
10000

5000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 53.123 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

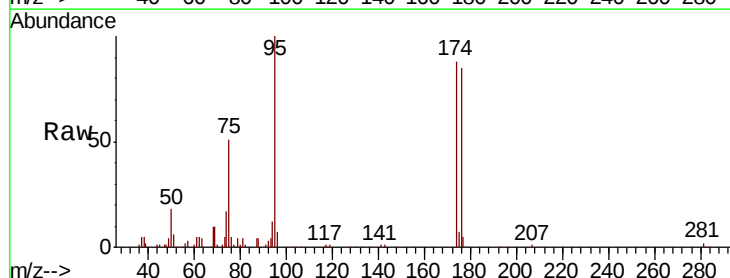
Tgt Ion: 95 Resp: 140278

Ion Ratio Lower Upper

95 100

174 87.8 0.0 151.4

176 85.1 0.0 146.0



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

12.40

100000

80000

60000

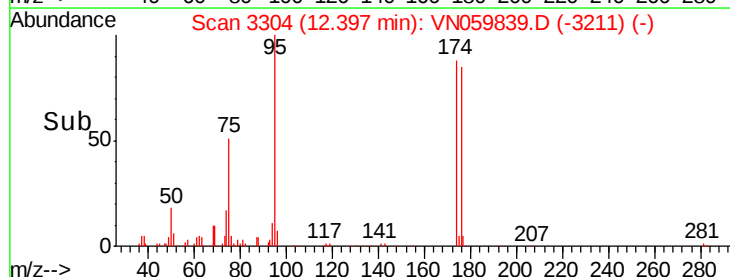
40000

20000

0

Time-->

12.35 12.40 12.45

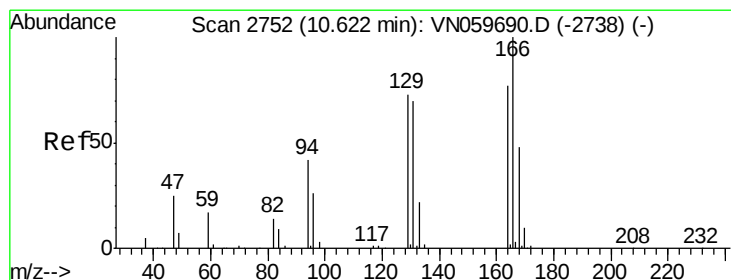
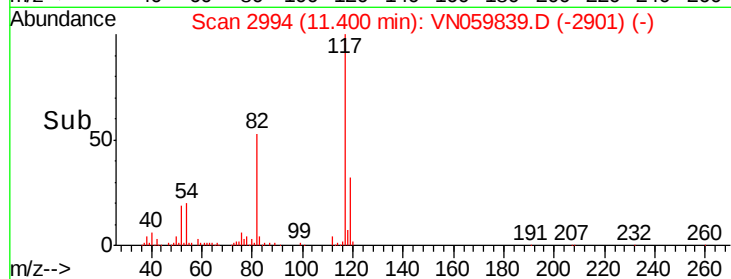
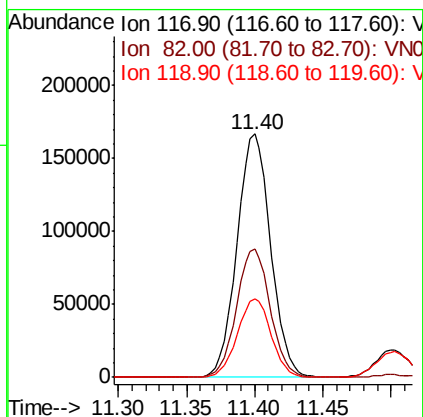
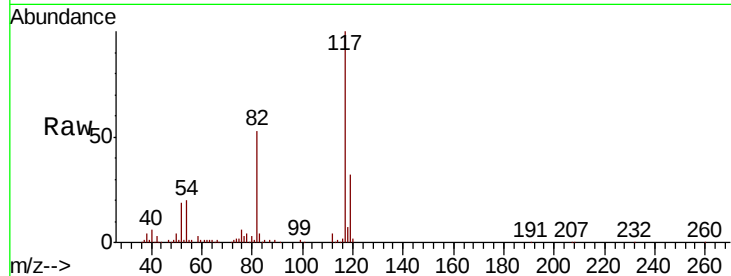




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

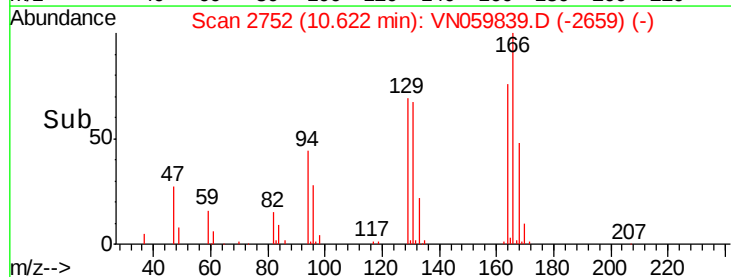
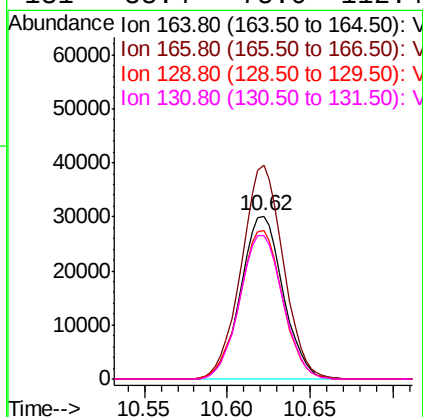
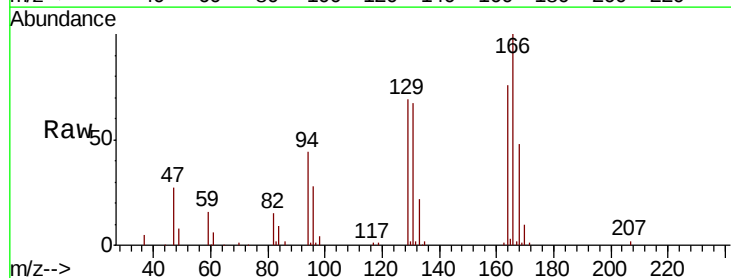
Instrument :  
MSVOA\_N  
ClientSampled :

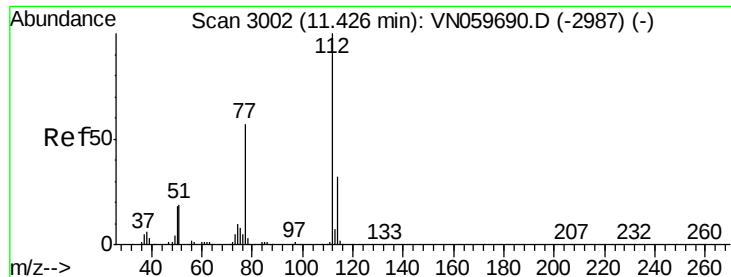
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.6  | 45.9  | 68.9  |
| 119     | 32.5  | 25.5  | 38.3  |



#64  
Tetrachloroethene  
Concen: 22.911 ug/l  
RT: 10.62 min Scan# 2752  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.1 | 101.4 | 152.0 |
| 129     | 90.9  | 80.2  | 120.4 |
| 131     | 88.4  | 75.0  | 112.4 |

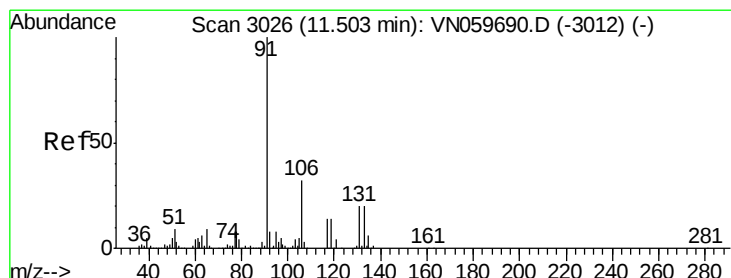
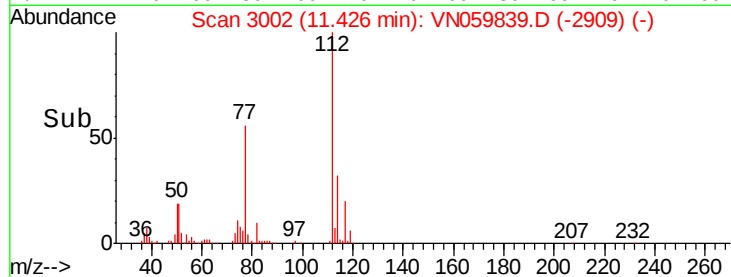
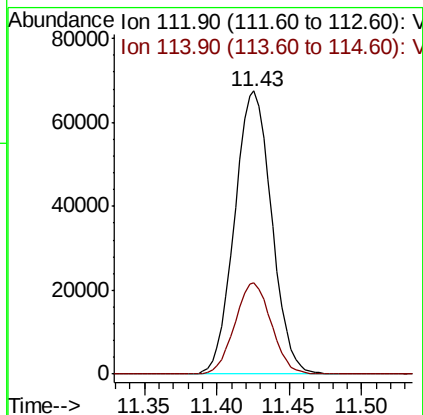
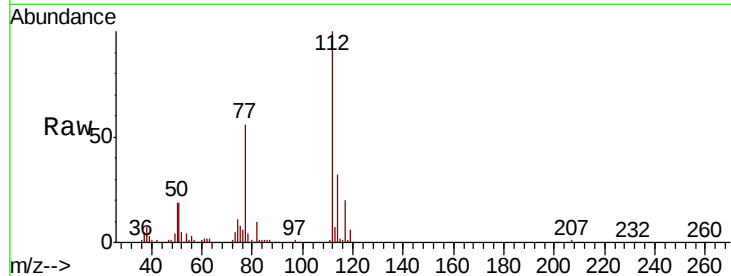




#65  
Chlorobenzene  
Concen: 21.342 ug/l  
RT: 11.43 min Scan# 3002  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

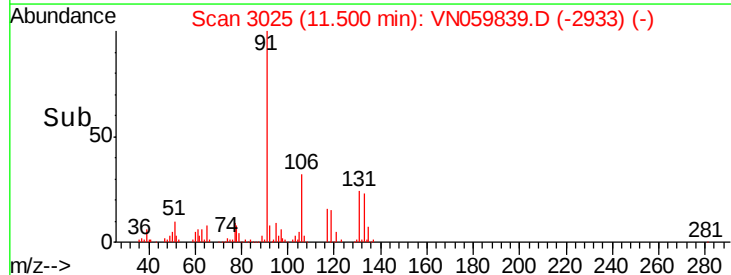
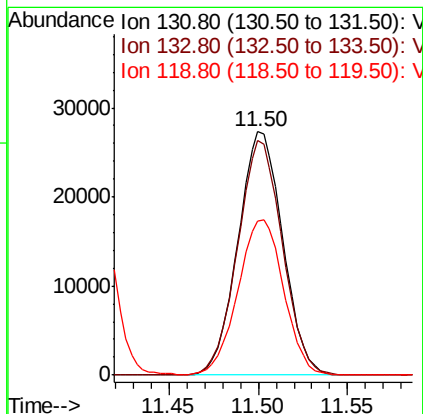
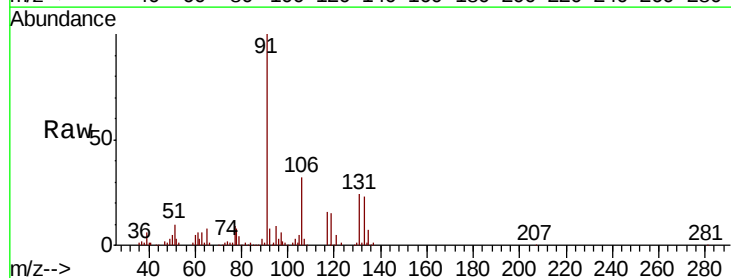
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:112 Resp: 120011  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.967 ug/l  
RT: 11.50 min Scan# 3025  
Delta R.T. -0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion:131 Resp: 47730  
Ion Ratio Lower Upper  
131 100  
133 96.6 47.4 142.2  
119 65.3 33.1 99.3





#67

Ethyl Benzene

Concen: 20.806 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

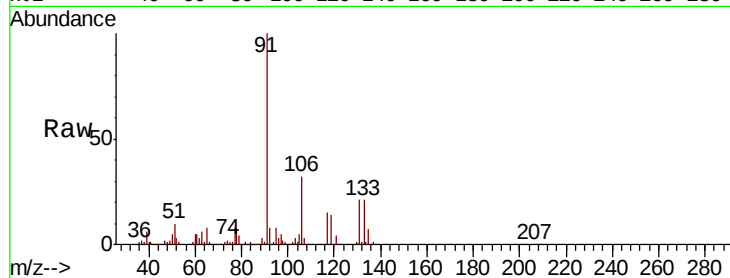
ClientSampled :

Tot Ion: 91 Resp: 212387

Ion Ratio Lower Upper

91 100

106 31.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059839.D (-2933) (-)

150000

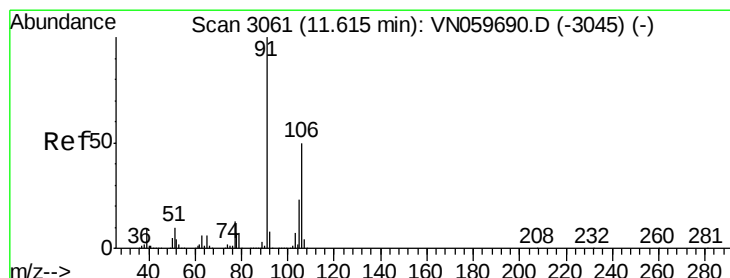
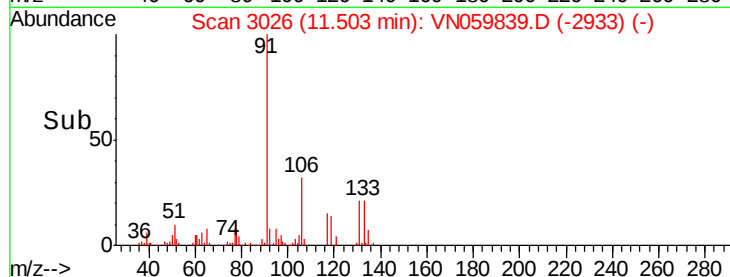
11.50

100000

50000

0

Time-->



#68

m/p-Xylenes

Concen: 42.312 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059839.D

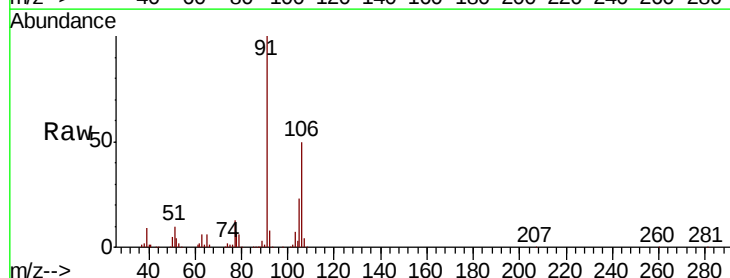
Acq: 24 Jan 2020 12:47

Tgt Ion: 106 Resp: 163149

Ion Ratio Lower Upper

106 100

91 198.9 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059839.D (-2968) (-)

150000

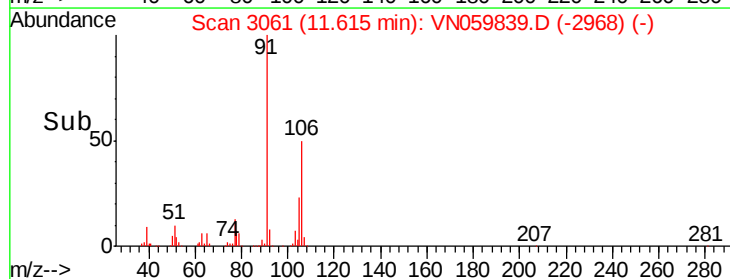
11.62

100000

50000

0

Time-->

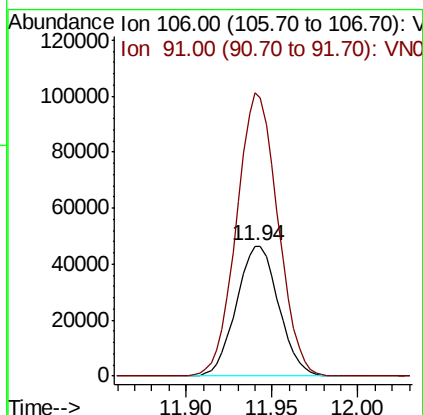
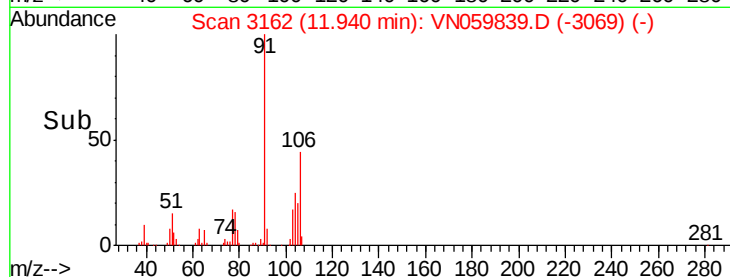
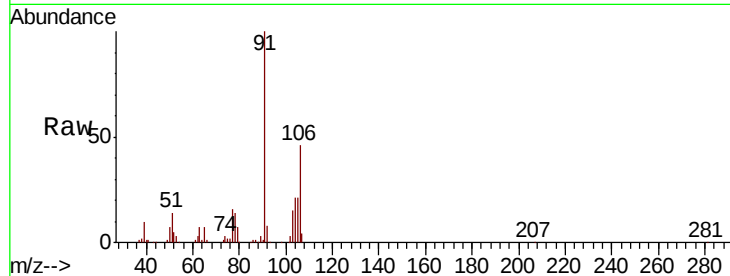




#69  
o-Xylene  
Concen: 20.926 ug/l  
RT: 11.94 min Scan# 3162  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

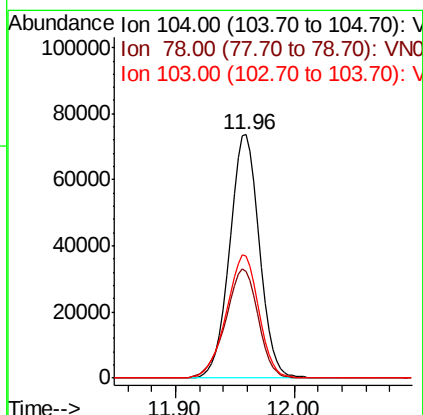
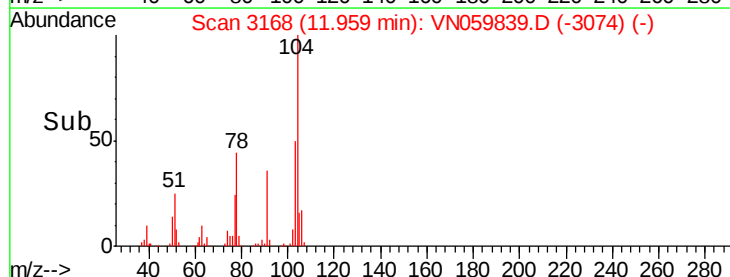
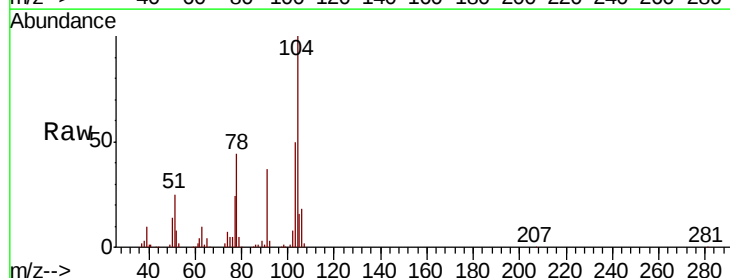
Instrument :  
MSVOA\_N  
ClientSampled :

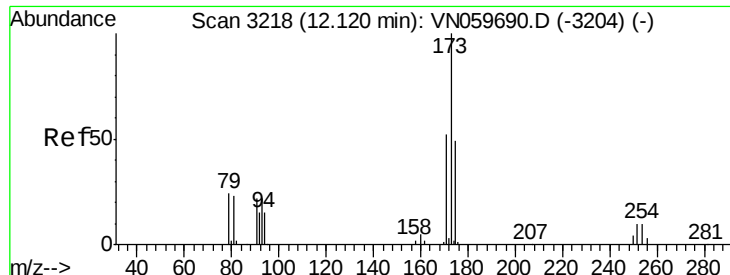
Tot Ion:106 Resp: 78994  
Ion Ratio Lower Upper  
106 100  
91 213.6 110.3 330.9



#70  
Styrene  
Concen: 20.195 ug/l  
RT: 11.96 min Scan# 3168  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion:104 Resp: 127567  
Ion Ratio Lower Upper  
104 100  
78 49.0 42.4 63.6  
103 55.2 43.9 65.9

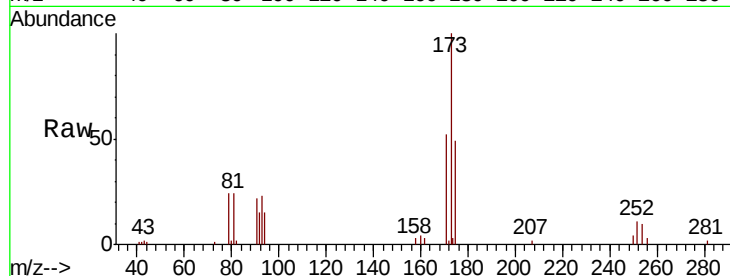




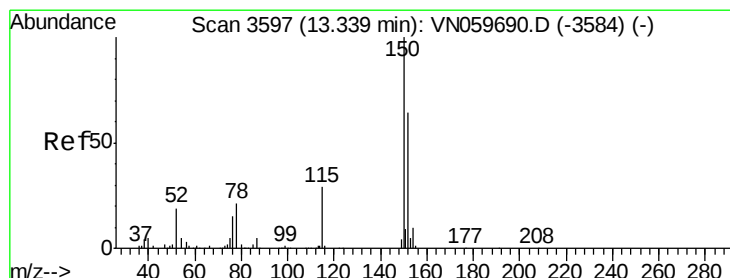
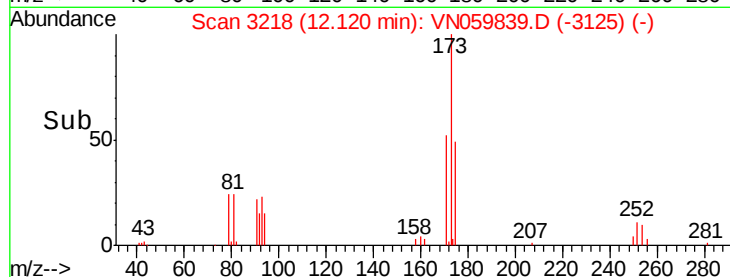
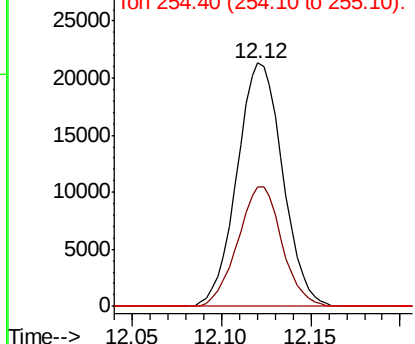
#71  
Bromoform  
Concen: 21.833 ug/l  
RT: 12.12 min Scan# 3218  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:173 Resp: 37998  
Ion Ratio Lower Upper  
173 100  
175 47.4 23.8 71.4  
254 0.0 0.0 0.0

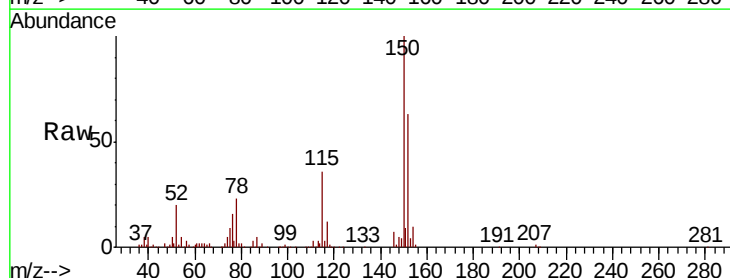


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

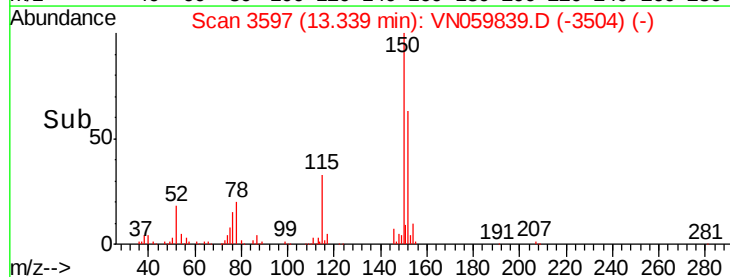
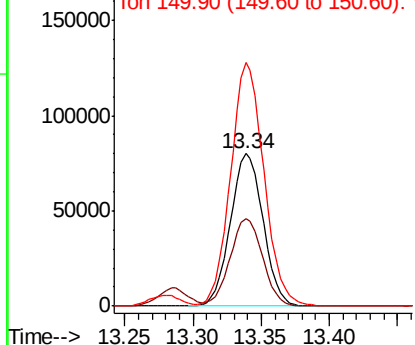


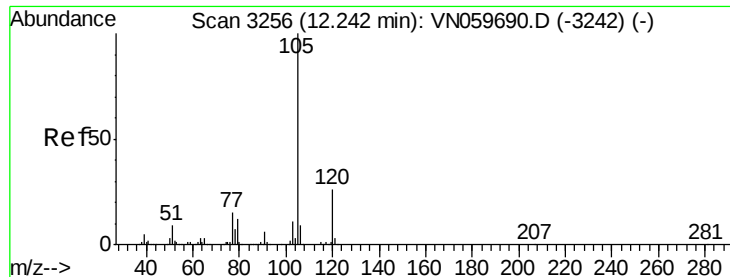
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion:152 Resp: 133364  
Ion Ratio Lower Upper  
152 100  
115 56.9 30.3 90.9  
150 163.2 0.0 345.2



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: 21.347 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

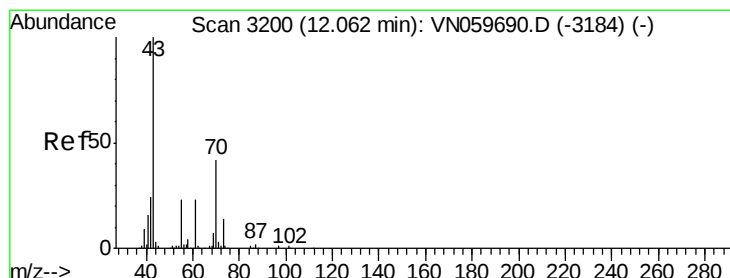
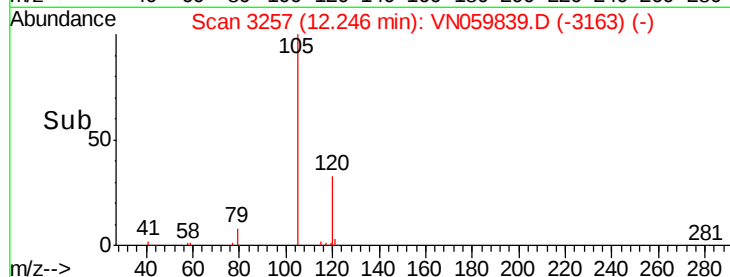
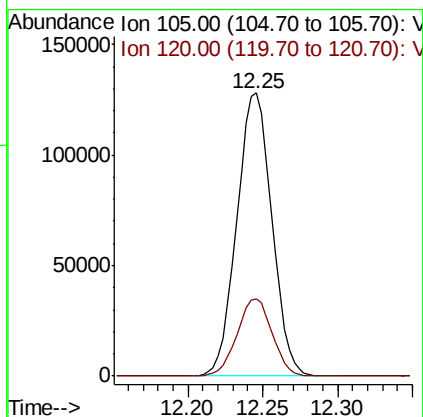
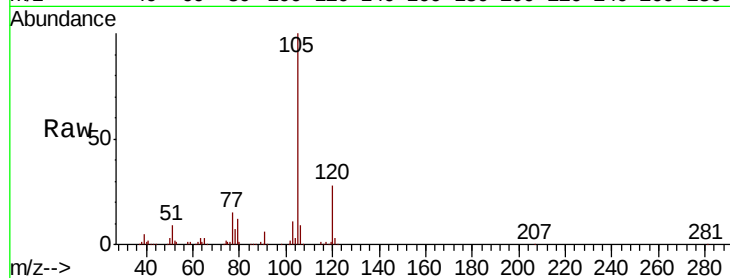
ClientSampled :

Tot Ion:105 Resp: 208794

Ion Ratio Lower Upper

105 100

120 27.4 13.2 39.5



#74

N-ethyl acetate

Concen: 19.476 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Tgt Ion: 43 Resp: 73917

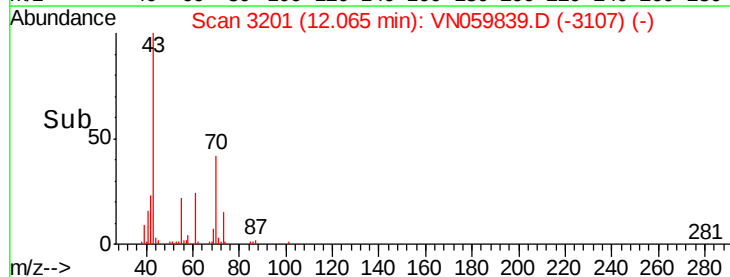
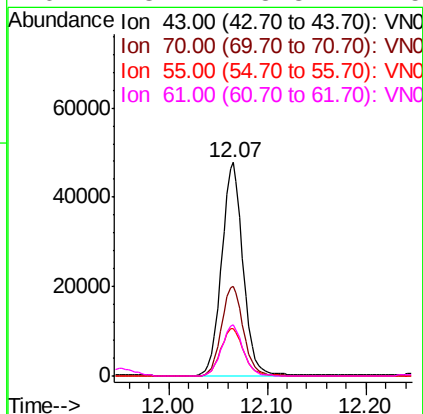
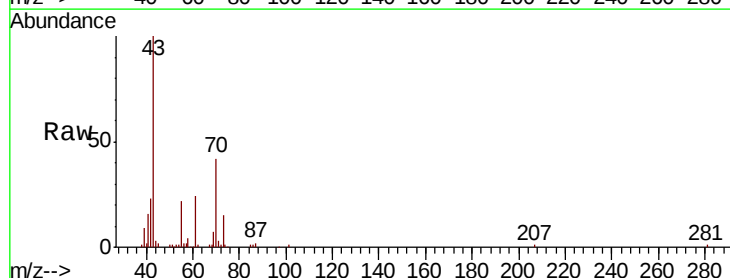
Ion Ratio Lower Upper

43 100

70 42.3 31.3 46.9

55 23.2 19.8 29.6

61 23.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.353 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

ClientSampleId :

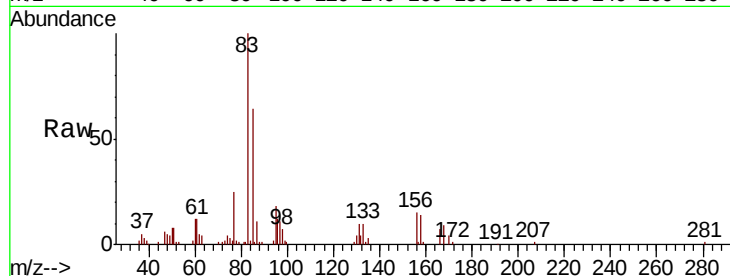
Tot Ion: 83 Resp: 60547

Ion Ratio Lower Upper

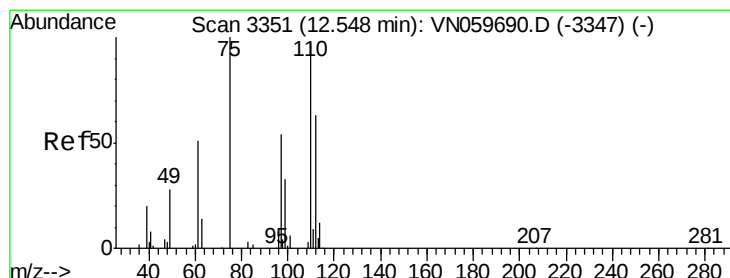
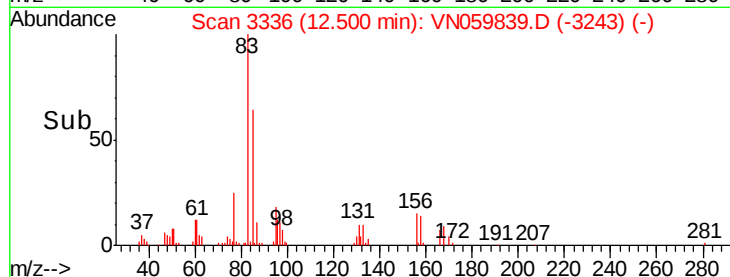
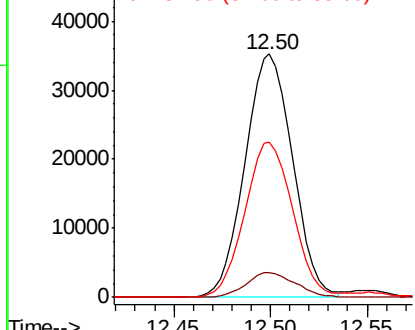
83 100

131 10.5 5.0 14.9

85 64.2 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VNO  
Ion 130.80 (130.50 to 131.50): VNO  
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 35.951 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059839.D

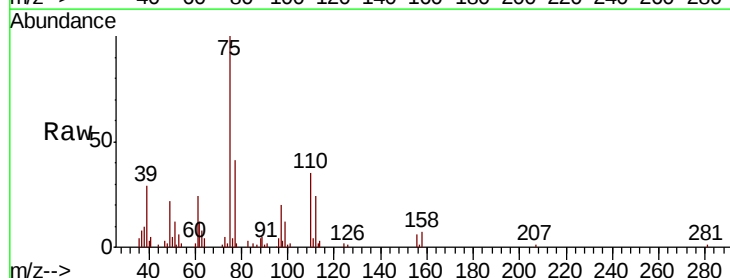
Acq: 24 Jan 2020 12:47

Tgt Ion: 75 Resp: 80687

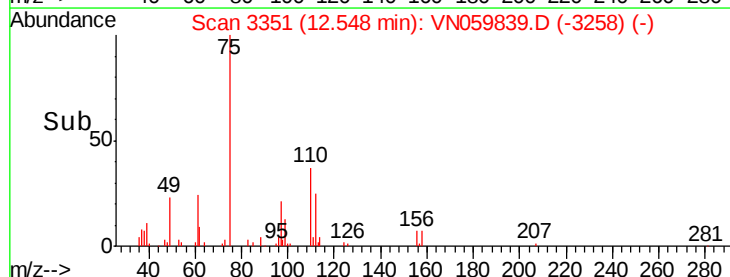
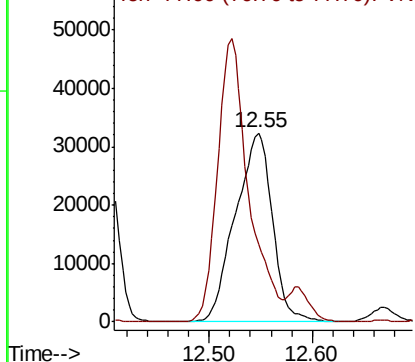
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO  
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 22.056 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

ClientSampled :

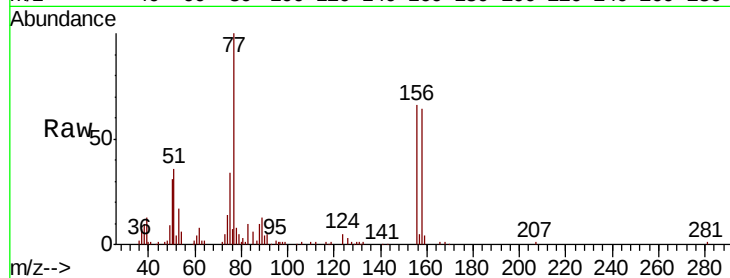
Tot Ion:156 Resp: 54629

Ion Ratio Lower Upper

156 100

77 185.9 115.8 347.4

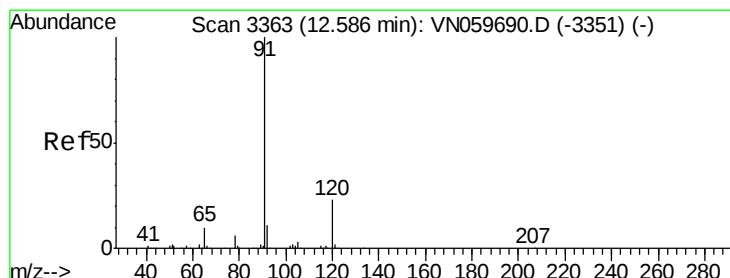
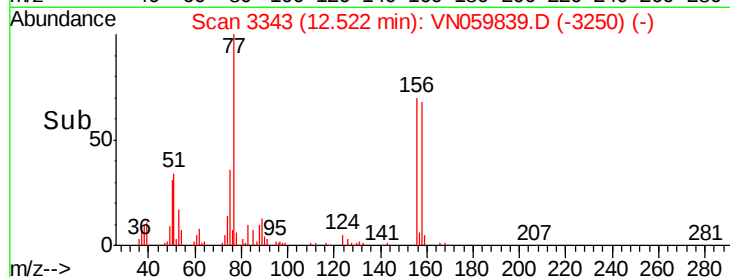
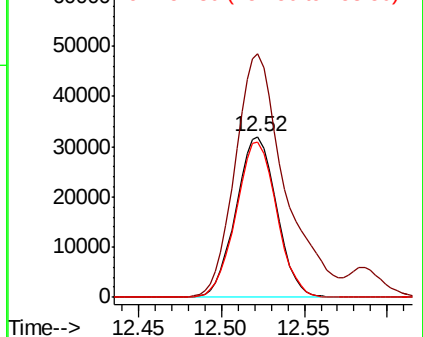
158 96.7 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.658 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059839.D

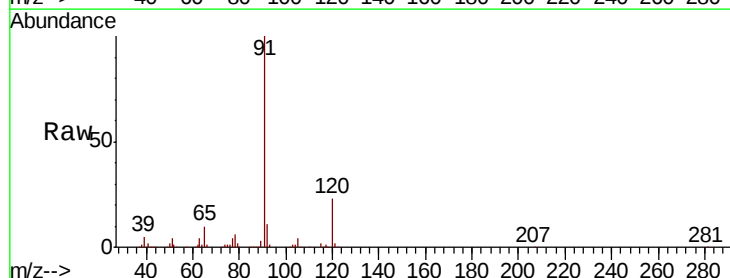
Acq: 24 Jan 2020 12:47

Tgt Ion: 91 Resp: 237757

Ion Ratio Lower Upper

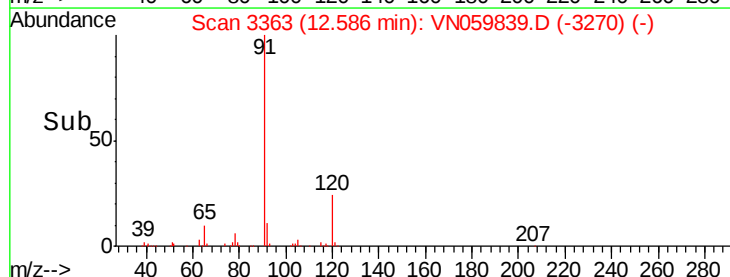
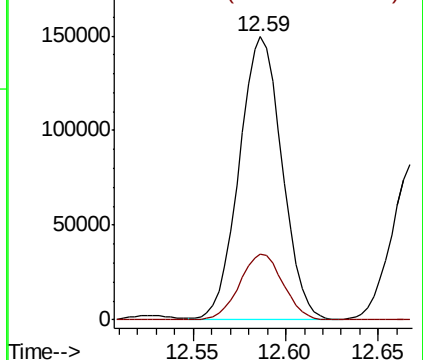
91 100

120 23.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.490 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

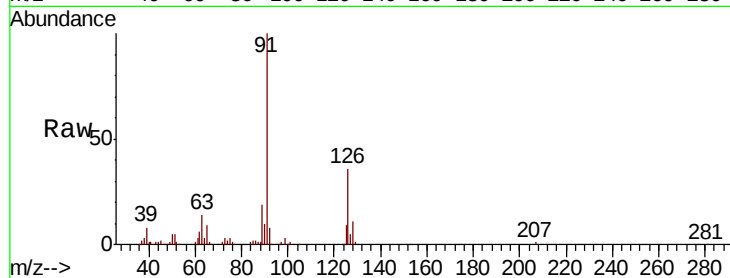
ClientSampleId :

Tot Ion: 91 Resp: 140350

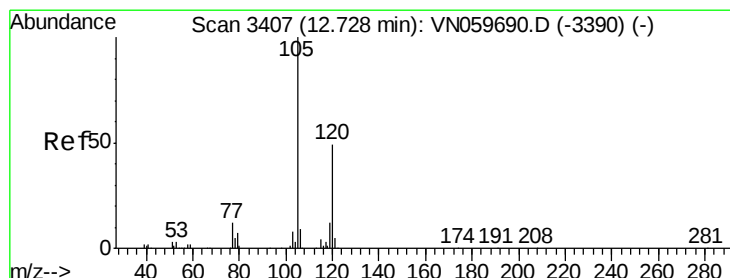
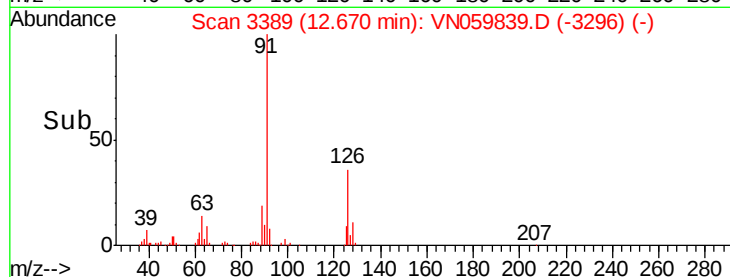
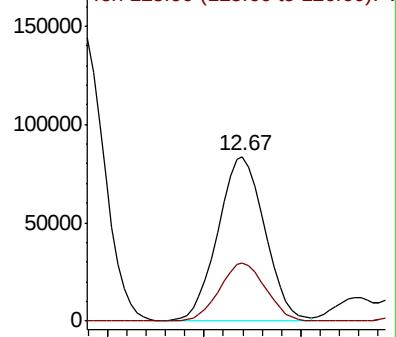
Ion Ratio Lower Upper

91 100

126 35.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059839.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.647 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059839.D

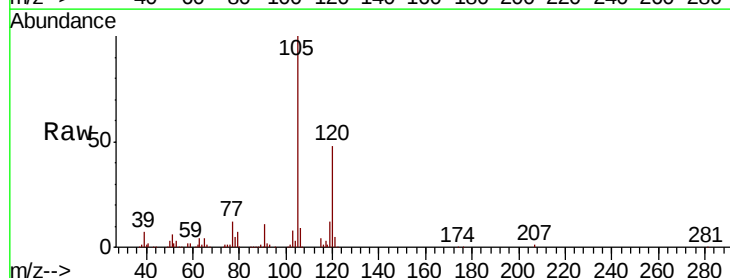
Acq: 24 Jan 2020 12:47

Tgt Ion: 105 Resp: 178064

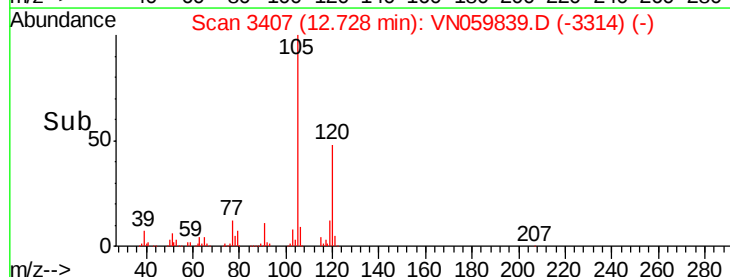
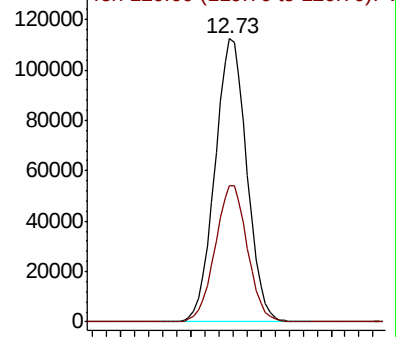
Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059839.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.383 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

ClientSampleId :

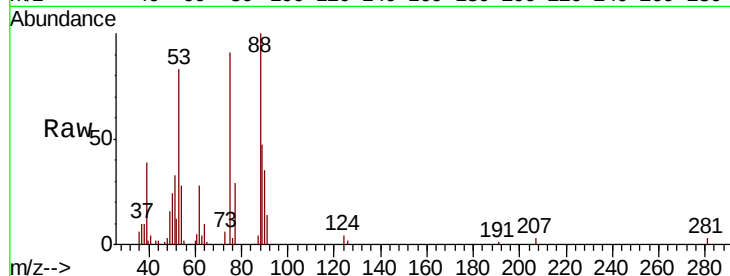
Tot Ion: 75 Resp: 21302

Ion Ratio Lower Upper

75 100

53 91.3 78.1 117.1

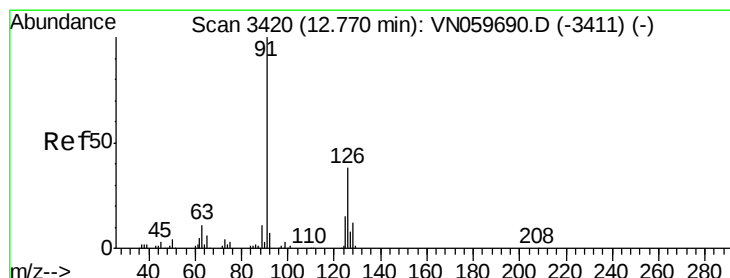
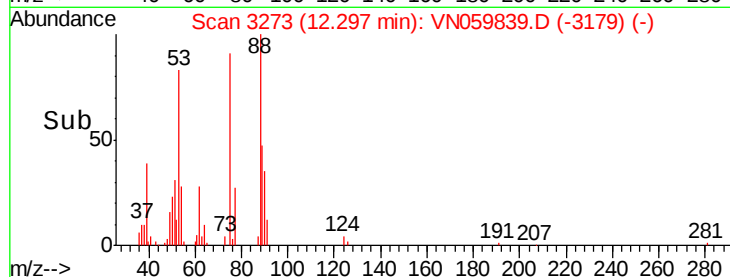
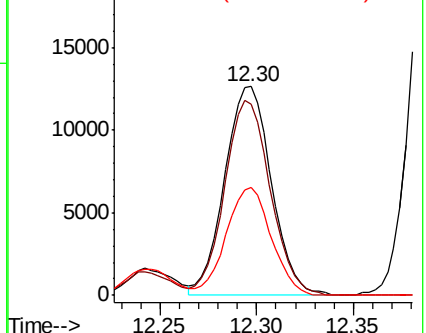
89 49.7 35.4 53.2



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: 21.620 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059839.D

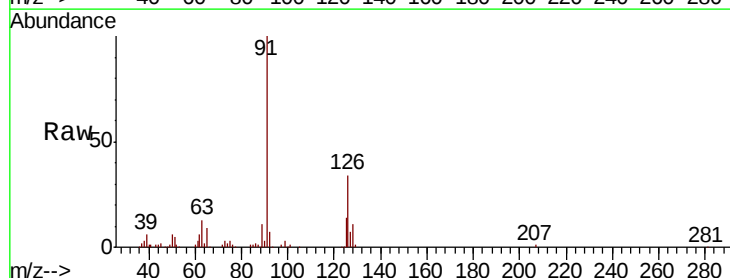
Acq: 24 Jan 2020 12:47

Tgt Ion: 91 Resp: 141619

Ion Ratio Lower Upper

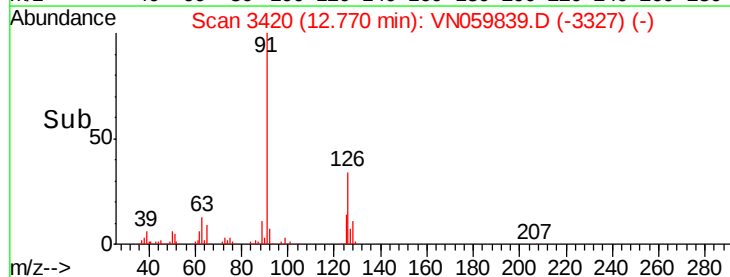
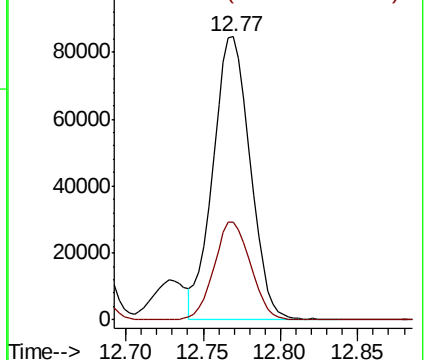
91 100

126 34.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

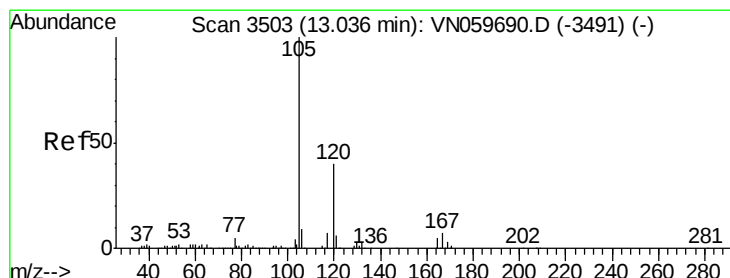
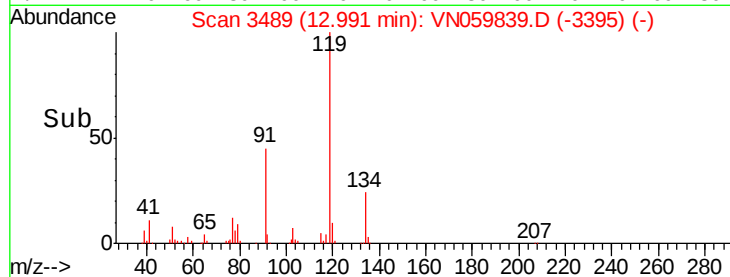
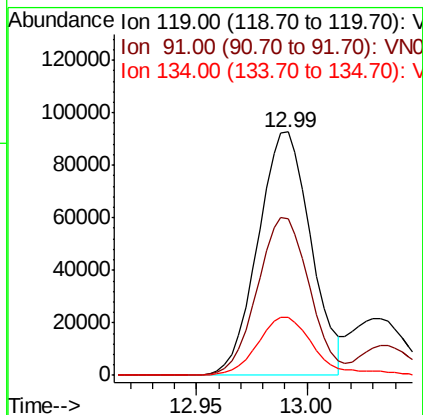
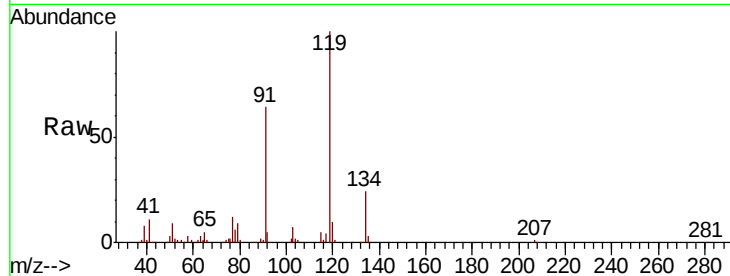




#83  
 tert-Butylbenzene  
 Concen: 21.667 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

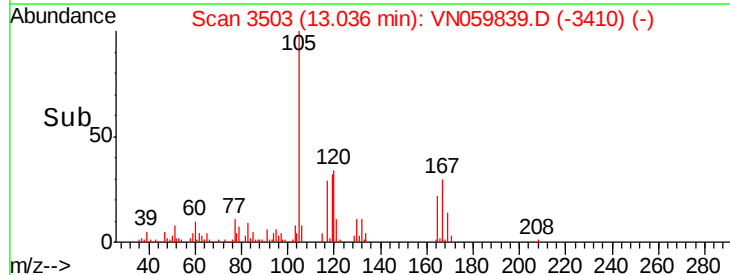
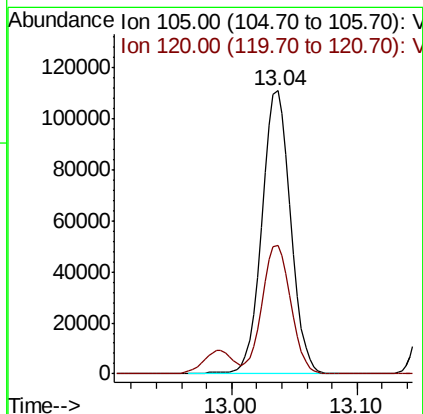
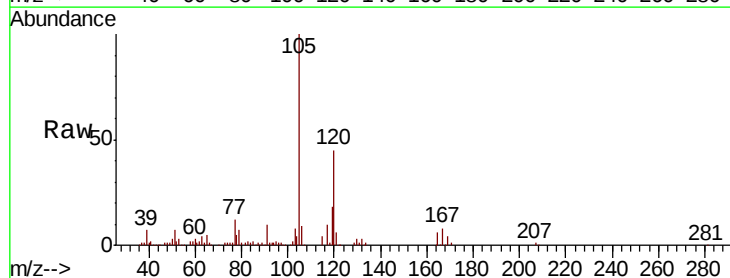
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:119 Resp: 154147  
 Ion Ratio Lower Upper  
 119 100  
 91 64.1 34.8 104.4  
 134 25.7 12.3 36.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.787 ug/l  
 RT: 13.04 min Scan# 3503  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Tgt Ion:105 Resp: 177298  
 Ion Ratio Lower Upper  
 105 100  
 120 45.5 22.3 66.9

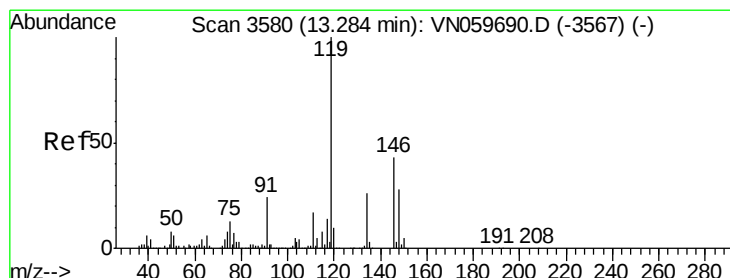
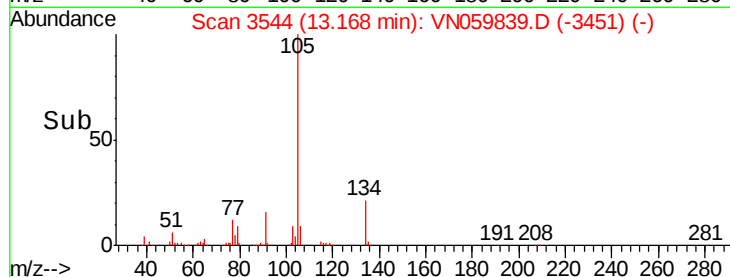
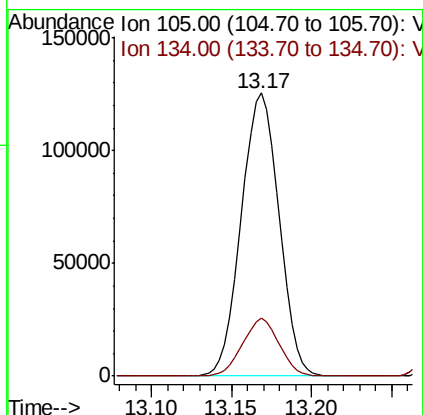
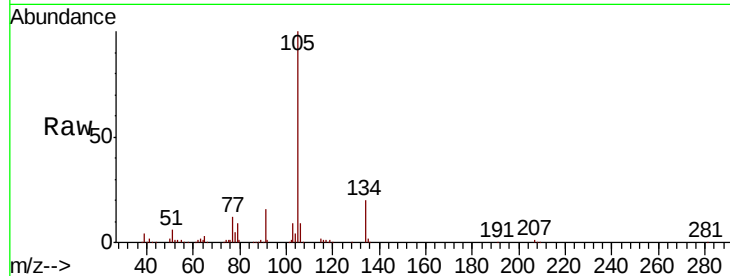




#85  
 sec-Butylbenzene  
 Concen: 21.593 ug/l  
 RT: 13.17 min Scan# 3544  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

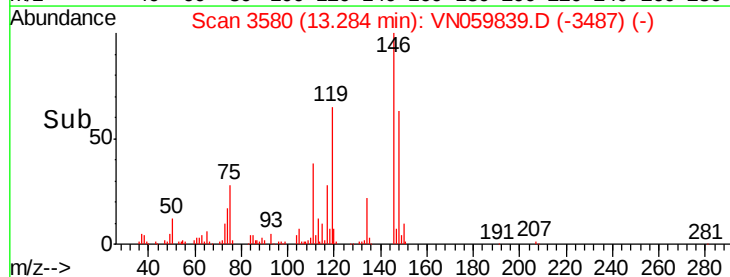
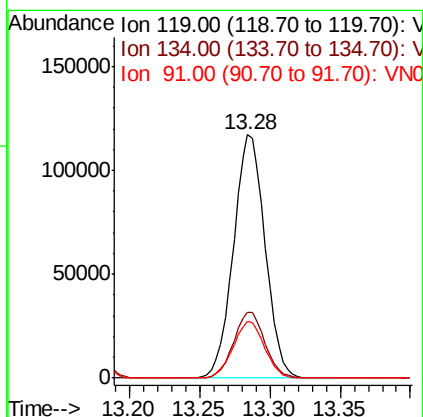
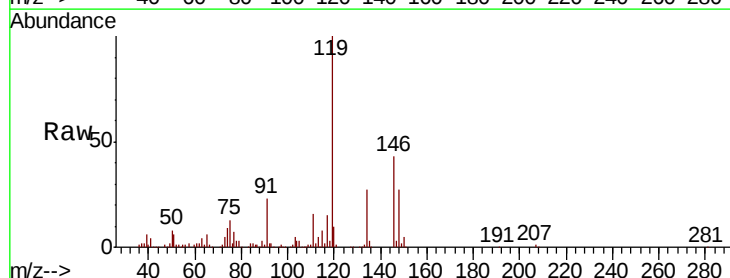
Instrument :  
 MSVOA\_N  
 ClientSampled :

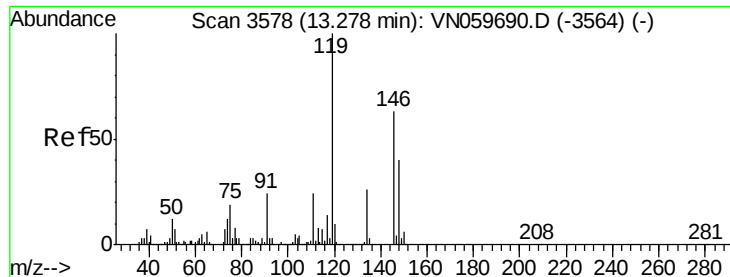
Tot Ion:105 Resp: 201831  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 9.8 29.5



#86  
 p-Isopropyltoluene  
 Concen: 21.291 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Tgt Ion:119 Resp: 184144  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 12.9 38.7  
 91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.637 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

ClientSampled :

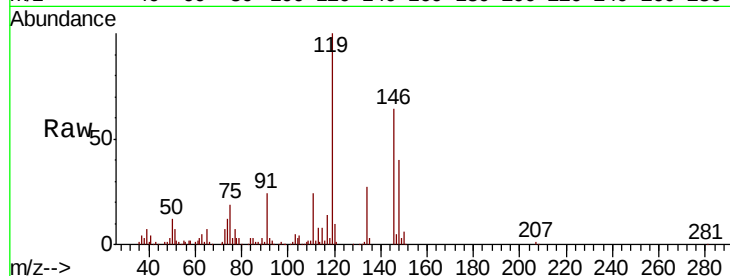
Tot Ion:146 Resp: 93093

Ion Ratio Lower Upper

146 100

111 38.1 20.8 62.2

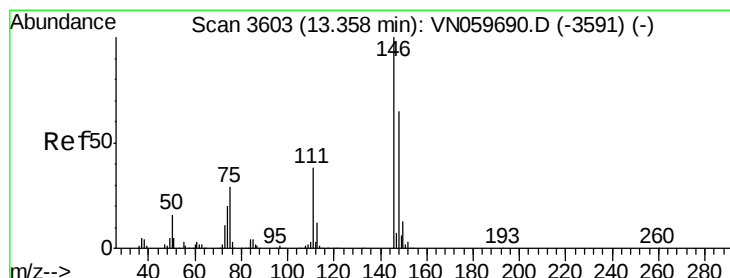
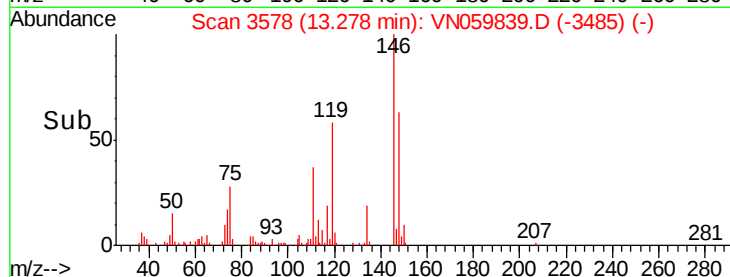
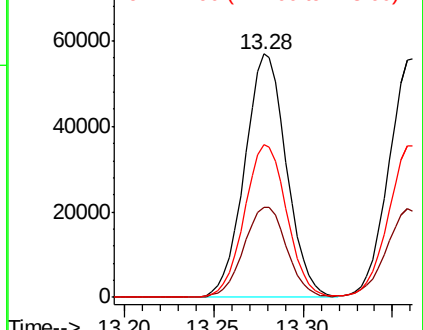
148 63.5 32.0 96.0



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: 21.380 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

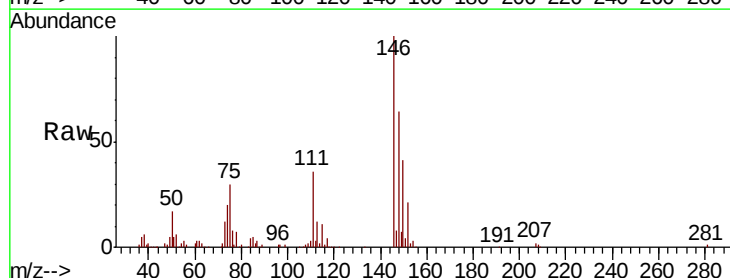
Tgt Ion:146 Resp: 91768

Ion Ratio Lower Upper

146 100

111 38.5 20.8 62.2

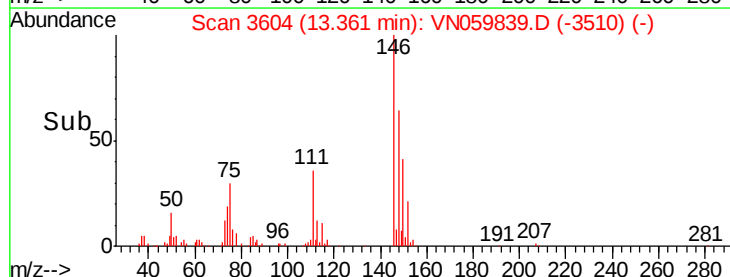
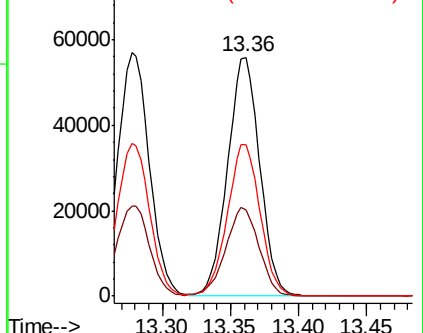
148 64.7 31.8 95.4

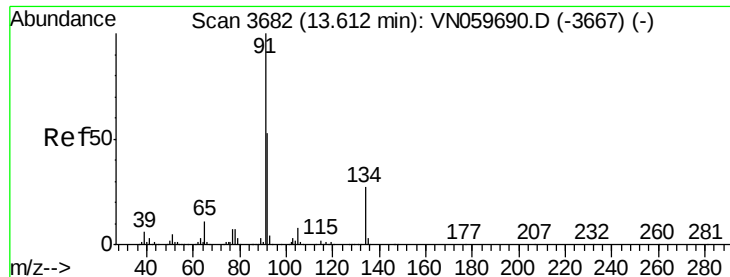


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.773 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA\_N

ClientSampled :

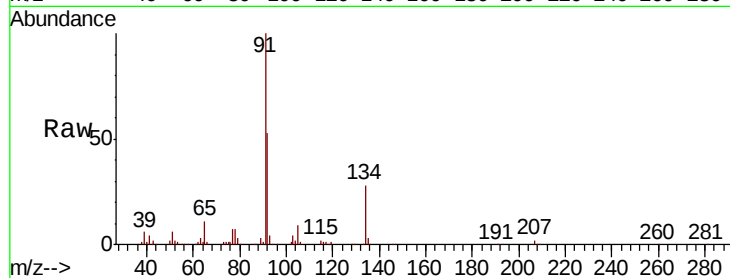
Tot Ion: 91 Resp: 153186

Ion Ratio Lower Upper

91 100

92 51.8 25.9 77.7

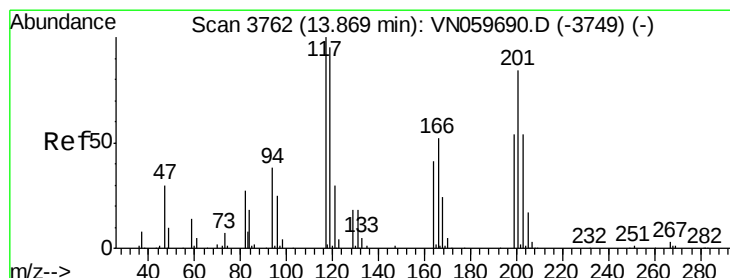
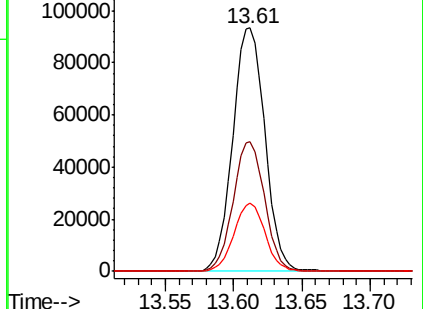
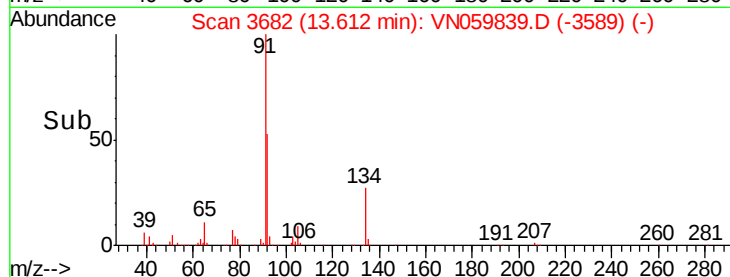
134 27.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN059839.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN059839.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN059839.D (-3669) (-)



#90

Hexachloroethane

Concen: 20.870 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN059839.D

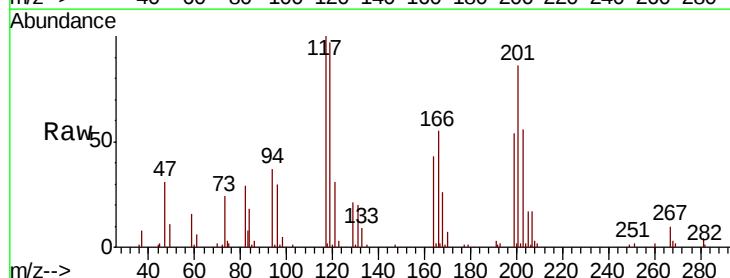
Acq: 24 Jan 2020 12:47

Tgt Ion: 117 Resp: 33771

Ion Ratio Lower Upper

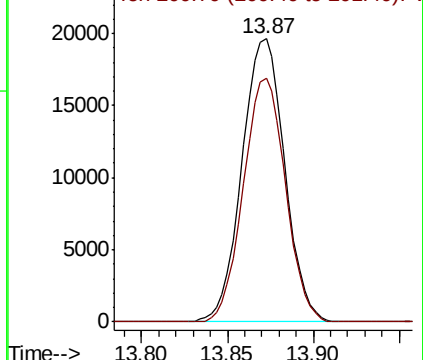
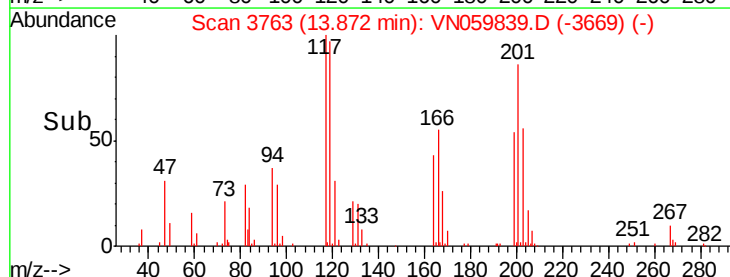
117 100

201 84.8 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): VN059839.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN059839.D (-3669) (-)

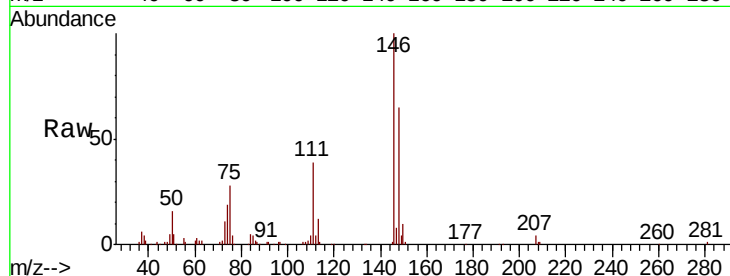




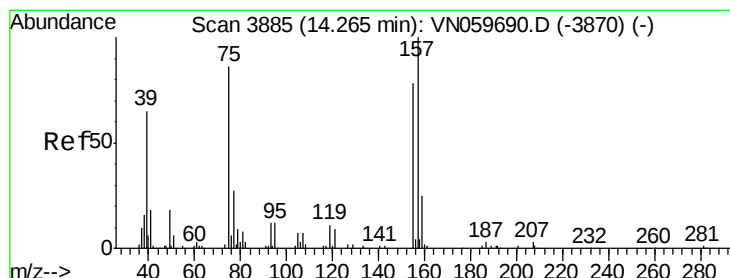
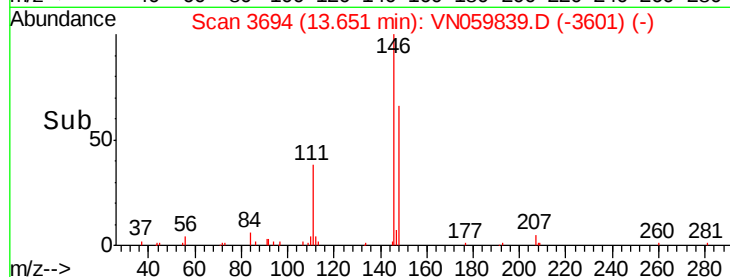
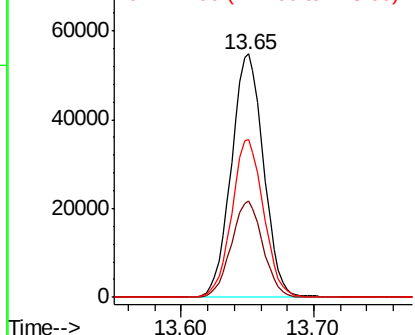
#91  
 1,2-Dichlorobenzene  
 Concen: 21.734 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:146 Resp: 92444  
 Ion Ratio Lower Upper  
 146 100  
 111 38.8 21.6 64.8  
 148 64.0 31.6 95.0

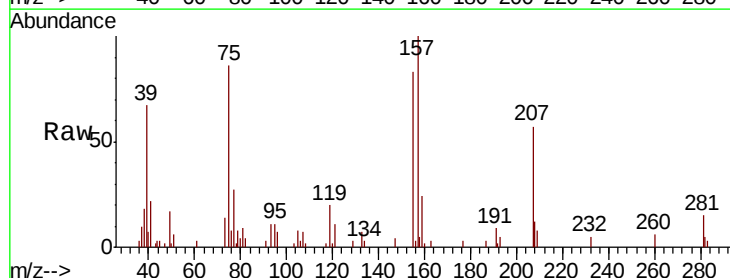


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

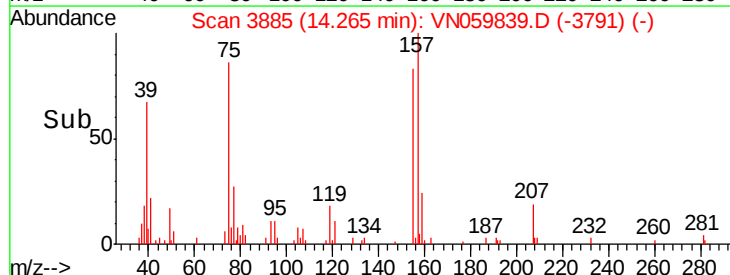
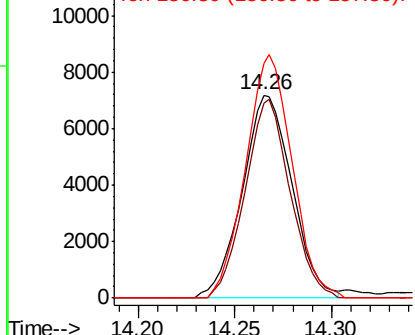


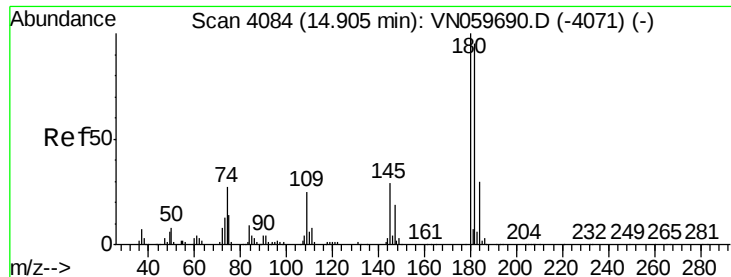
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.906 ug/l  
 RT: 14.26 min Scan# 3885  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Tgt Ion: 75 Resp: 12880  
 Ion Ratio Lower Upper  
 75 100  
 155 88.5 37.0 110.9  
 157 111.8 48.4 145.2



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V

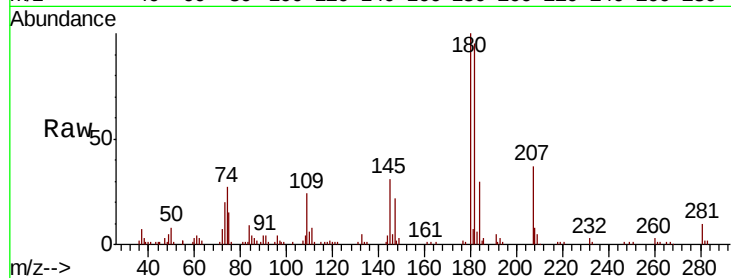




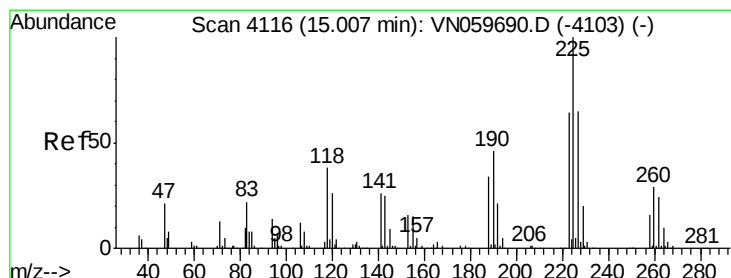
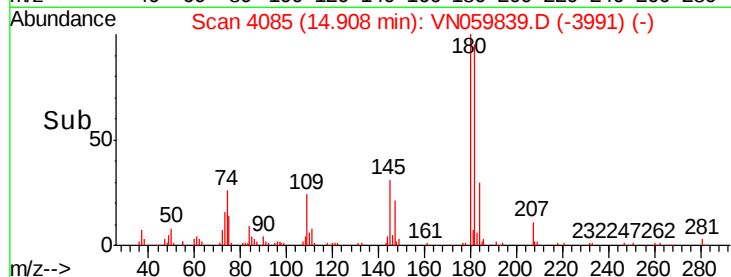
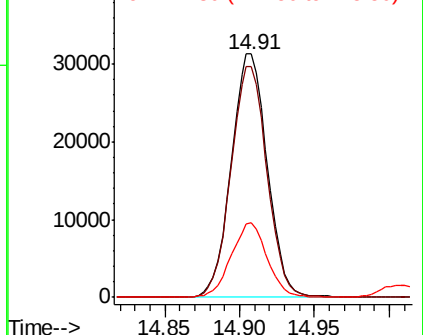
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.493 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:180 Resp: 52376  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 46.9 140.7  
 145 30.4 15.0 45.1

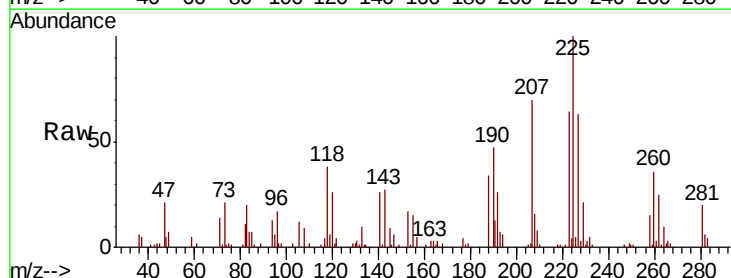


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

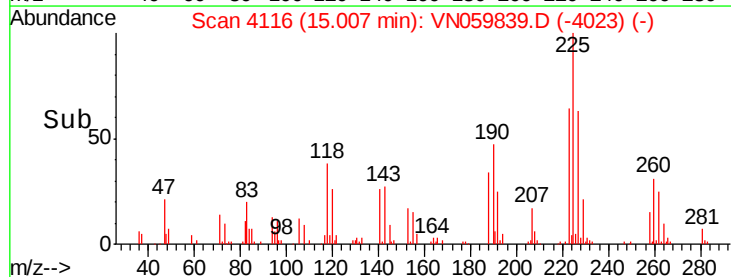
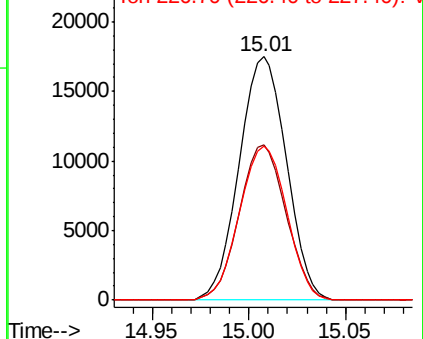


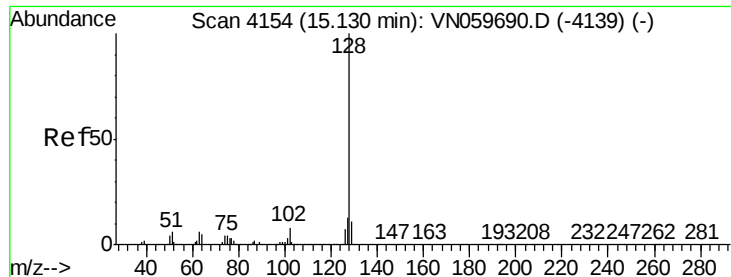
#94  
 Hexachlorobutadiene  
 Concen: 21.098 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN059839.D  
 Acq: 24 Jan 2020 12:47

Tgt Ion:225 Resp: 29715  
 Ion Ratio Lower Upper  
 225 100  
 223 63.4 31.8 95.3  
 227 63.5 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V

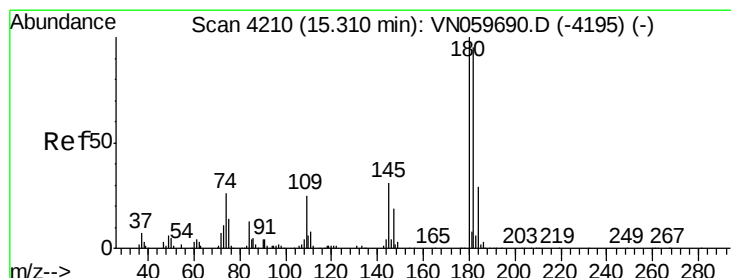
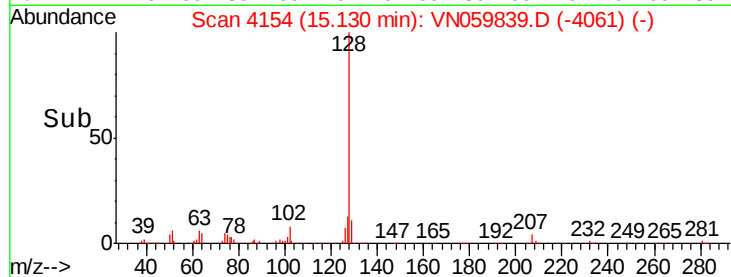
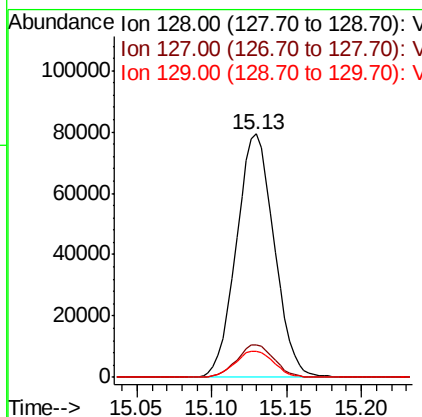
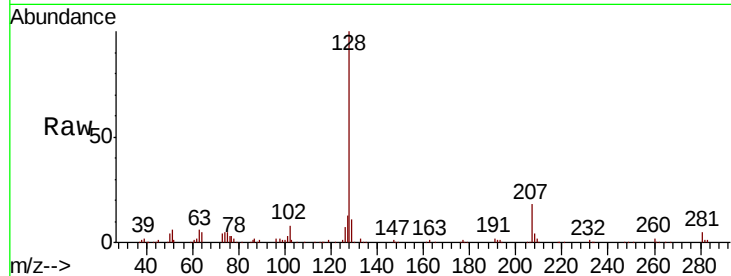




#95  
Naphthalene  
Concen: 19.199 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:128 Resp: 139575  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.4 15.6  
129 10.8 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 20.471 ug/l  
RT: 15.31 min Scan# 4210  
Delta R.T. 0.00 min  
Lab File: VN059839.D  
Acq: 24 Jan 2020 12:47

Tgt Ion:180 Resp: 50927  
Ion Ratio Lower Upper  
180 100  
182 93.1 47.4 142.3  
145 31.4 16.3 48.9

