

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN112018\  
 Data File : VN052401.D  
 Acq On : 20 Nov 2018 12:25  
 Operator : MD\SY  
 Sample : VN1120WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBS01

Quant Time: Nov 20 13:13:40 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 15 03:02:37 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 260019   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 435911   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 388422   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 174722   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 200214   | 54.52 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.04% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 150442   | 53.51 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.02% |      |
| 50) Toluene-d8            | 10.09  | 98  | 563784   | 50.97 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.94% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 189559   | 52.10 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.20% |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 55035  | 19.97  | ug/l   | 98     |
| 3) Chloromethane              | 2.06 | 50  | 72944  | 19.05  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.19 | 62  | 65676  | 19.84  | ug/l   | 97     |
| 5) Bromomethane               | 2.58 | 94  | 36626  | 17.75  | ug/l   | 96     |
| 6) Chloroethane               | 2.71 | 64  | 39046  | 20.86  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 95594  | 20.87  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.41 | 74  | 34172  | 19.58  | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.77 | 101 | 57437  | 19.86  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.96 | 142 | 57863  | 14.90  | ug/l   | 96     |
| 11) Tert butyl alcohol        | 4.78 | 59  | 18798  | 96.92  | ug/l # | 91     |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 50896  | 19.01  | ug/l   | 96     |
| 13) Acrolein                  | 3.61 | 56  | 24076  | 96.91  | ug/l   | 99     |
| 14) Allyl chloride            | 4.33 | 41  | 110989 | 20.19  | ug/l   | 95     |
| 15) Acrylonitrile             | 4.99 | 53  | 109721 | 99.08  | ug/l   | 98     |
| 16) Acetone                   | 3.82 | 43  | 109389 | 108.18 | ug/l   | 94     |
| 17) Carbon Disulfide          | 4.06 | 76  | 153549 | 20.01  | ug/l   | 96     |
| 18) Methyl Acetate            | 4.33 | 43  | 57047  | 20.39  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 155423 | 20.21  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.55 | 84  | 62106  | 19.77  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96  | 54937  | 19.06  | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.95 | 45  | 232626 | 20.74  | ug/l   | 95     |
| 23) Vinyl Acetate             | 5.90 | 43  | 724993 | 95.30  | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 122237 | 20.33  | ug/l   | 99     |
| 25) 2-Butanone                | 6.84 | 43  | 146260 | 102.76 | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 6.83 | 77  | 82829  | 18.73  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 63645  | 18.97  | ug/l   | 93     |
| 28) Bromochloromethane        | 7.19 | 49  | 67902  | 21.96  | ug/l   | 95     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 91771  | 98.15  | ug/l   | 99     |
| 30) Chloroform                | 7.37 | 83  | 118633 | 20.70  | ug/l   | 97     |
| 31) Cyclohexane               | 7.66 | 56  | 114443 | 19.86  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 96913  | 19.85  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 89046  | 20.38  | ug/l   | 100    |
| 37) Ethyl Acetate             | 6.93 | 43  | 62513  | 19.71  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 84885  | 21.15  | ug/l   | 98     |

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 Sample : VN1120WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBS01

Quant Time: Nov 20 13:13:40 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 15 03:02:37 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 100468   | 20.14  | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 249305   | 19.97  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.18  | 41   | 36489    | 22.88  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 98639    | 22.16  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 111726   | 18.26  | ug/l   | 100      |
| 44) Trichloroethene            | 8.84  | 130  | 61459    | 19.99  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 71627    | 20.22  | ug/l   | 100      |
| 46) Dibromomethane             | 9.21  | 93   | 41590    | 20.28  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.40  | 83   | 90532    | 21.51  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 55215    | 17.78  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 10232    | 429.31 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 315718   | 102.51 | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 151827   | 20.33  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 82685    | 19.48  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 95918    | 19.83  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 52438    | 19.37  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 65035    | 18.27  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 97048    | 20.24  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 203683   | 100.50 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 213000   | 100.54 | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 60854    | 20.78  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 51513    | 19.11  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 55148    | 19.97  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 165071   | 20.11  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 58641    | 20.95  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 289267   | 20.30  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 213668   | 41.04  | ug/l   | 97       |
| 69) o-Xylene                   | 11.95 | 106  | 103711   | 20.78  | ug/l   | 98       |
| 70) Styrene                    | 11.96 | 104  | 167311   | 20.94  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 35895    | 21.71  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 281537   | 20.04  | ug/l   | 97       |
| 74) N-amyl acetate             | 12.07 | 43   | 88006    | 17.59  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 66330    | 19.53  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 84577    | 28.53  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 63749    | 19.50  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 336189   | 20.46  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 195972   | 20.42  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 231629   | 20.73  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 16449    | 18.00  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 197143   | 20.05  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 198761   | 20.15  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 234364   | 20.90  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 280684   | 20.89  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 236357   | 20.77  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 115365   | 19.87  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 114712   | 19.88  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.61 | 91   | 206409   | 21.12  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 41624    | 20.65  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 110315   | 19.62  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 10601    | 21.17  | ug/l   | 90       |

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Data File : VN052401.D  
Acq On : 20 Nov 2018 12:25  
Operator : MD\SY  
Sample : VN1120WBS01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 28

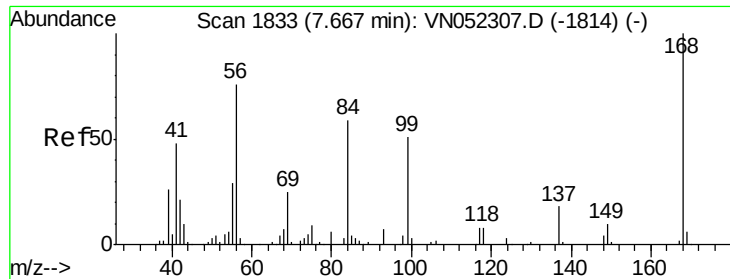
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBS01

Quant Time: Nov 20 13:13:40 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 15 03:02:37 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 49198    | 20.21 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 27699    | 21.52 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 105993   | 18.85 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 43893    | 20.54 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

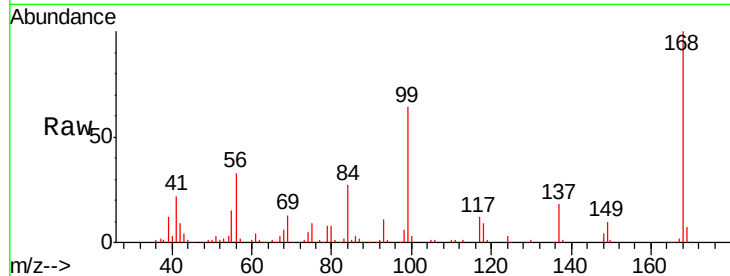
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBS01

Tgt Ion:168 Resp: 260019

Ion Ratio Lower Upper

168 100

99 63.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

120000

100000

80000

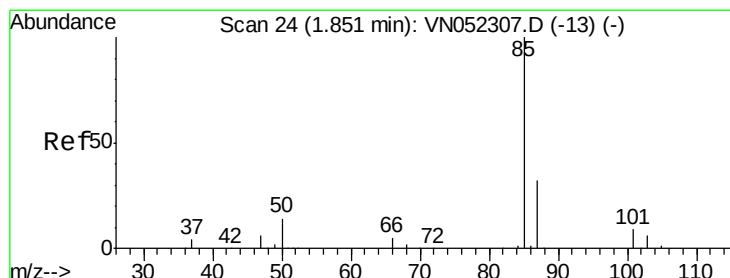
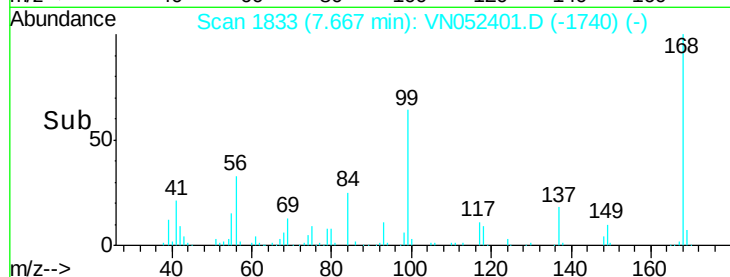
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.97 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052401.D

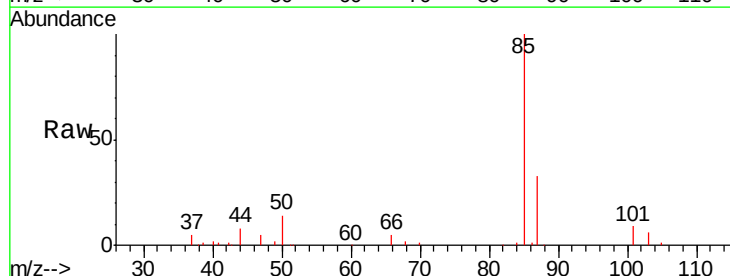
Acq: 20 Nov 2018 12:25

Tgt Ion: 85 Resp: 55035

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

40000

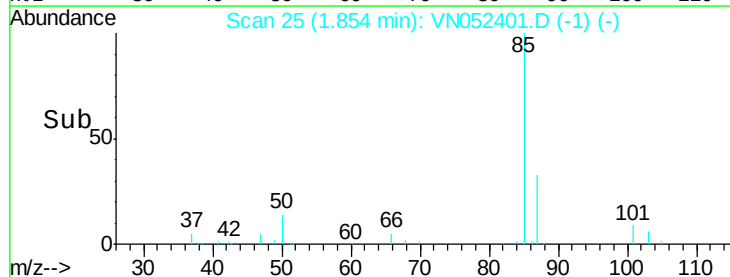
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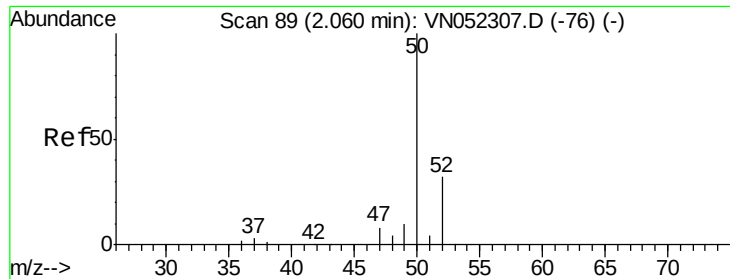
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.05 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampled :

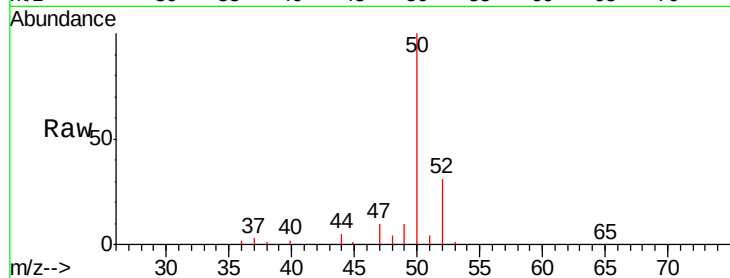
VN1120WBS01

Tgt Ion: 50 Resp: 72944

Ion Ratio Lower Upper

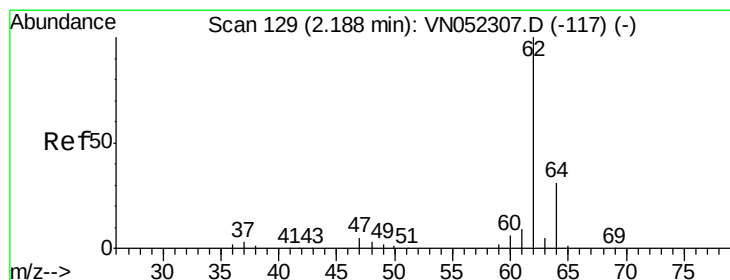
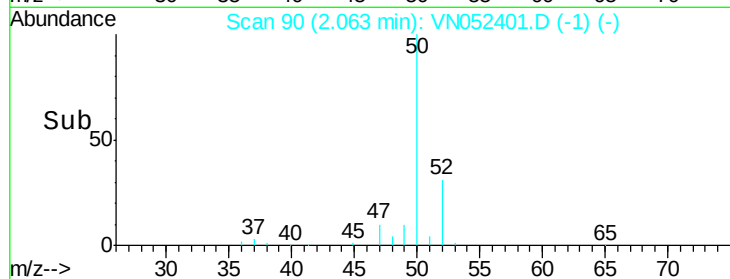
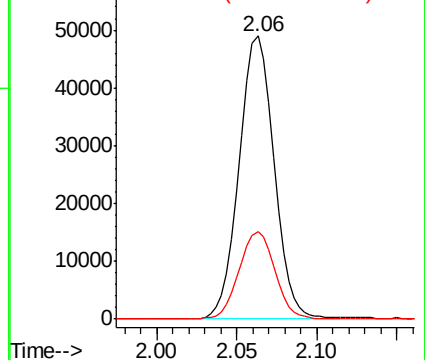
50 100

52 30.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.84 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052401.D

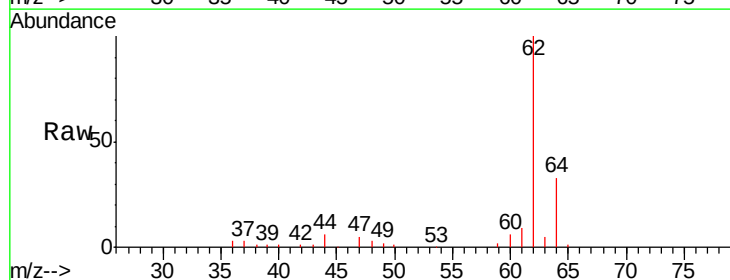
Acq: 20 Nov 2018 12:25

Tgt Ion: 62 Resp: 65676

Ion Ratio Lower Upper

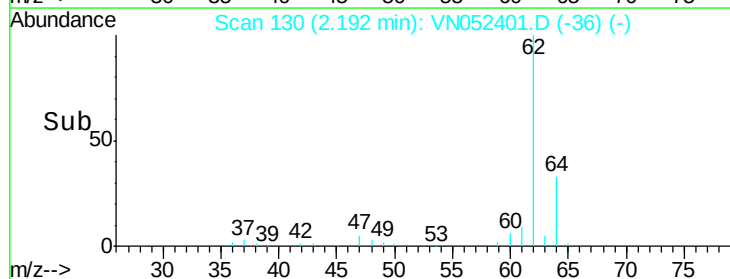
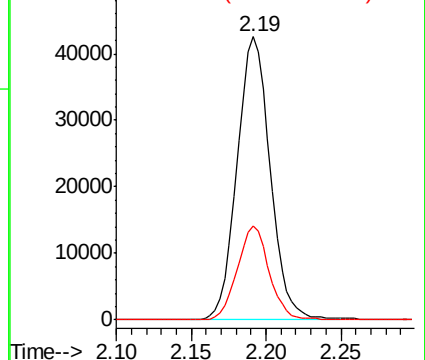
62 100

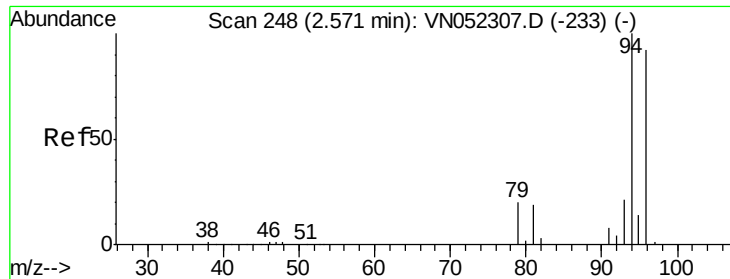
64 33.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 17.75 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

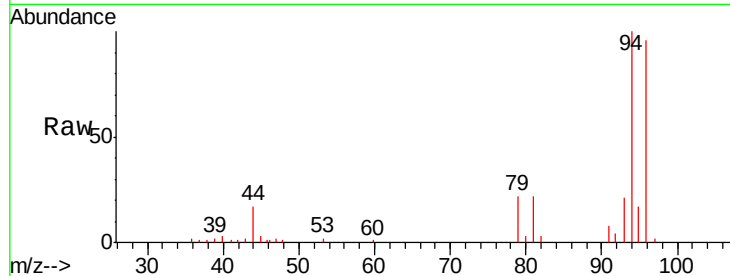
VN1120WBS01

Tgt Ion: 94 Resp: 36626

Ion Ratio Lower Upper

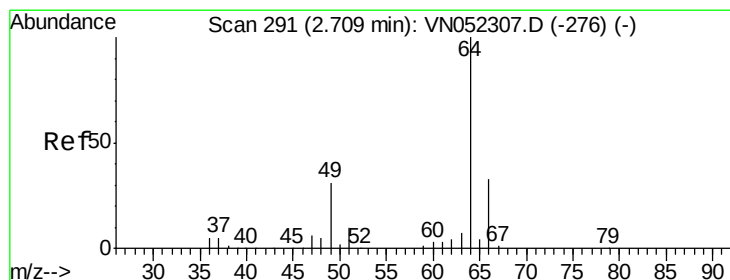
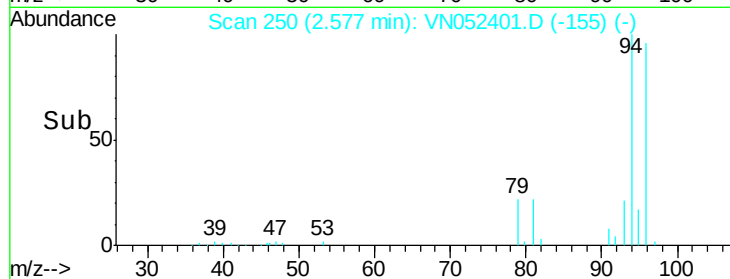
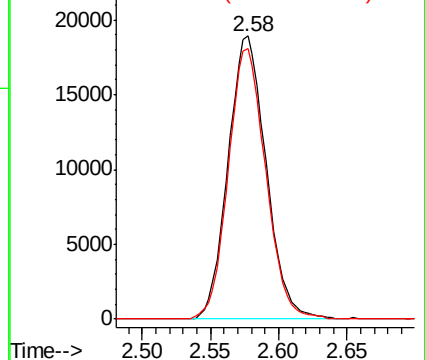
94 100

96 95.6 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.86 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052401.D

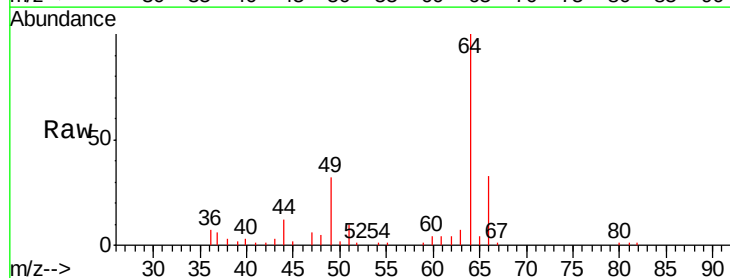
Acq: 20 Nov 2018 12:25

Tgt Ion: 64 Resp: 39046

Ion Ratio Lower Upper

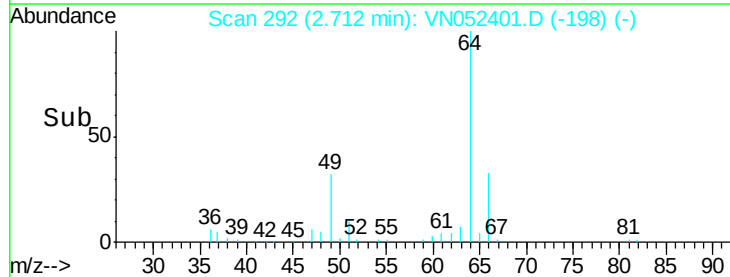
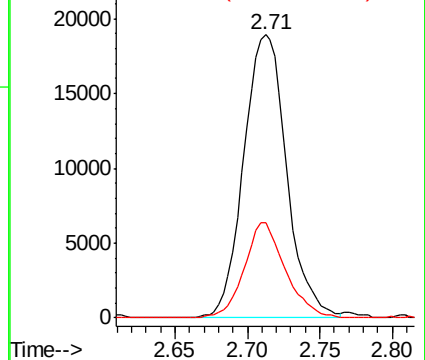
64 100

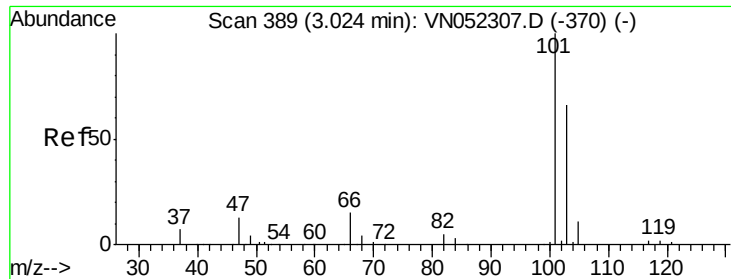
66 33.4 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



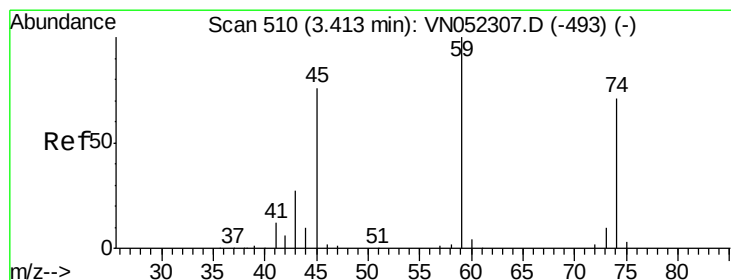
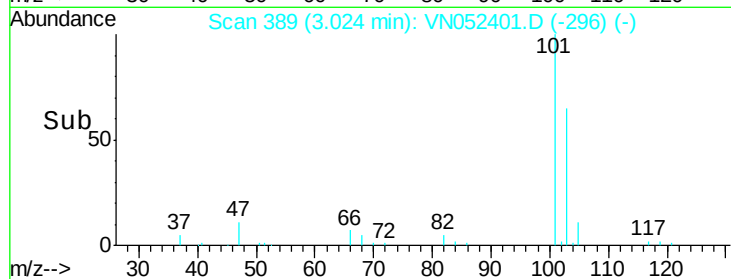
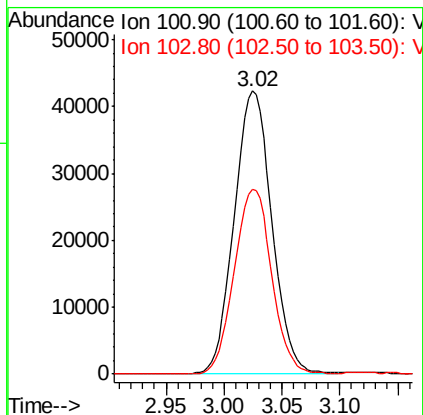
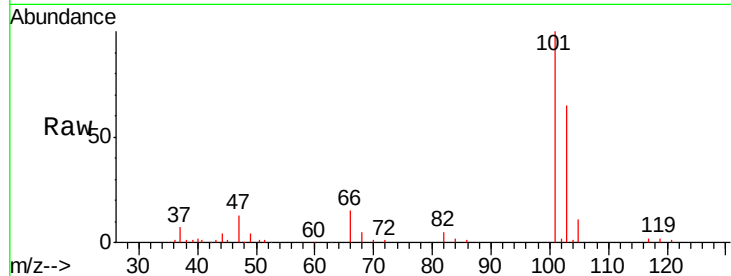


#7

Trichlorofluoromethane  
 Concen: 20.87 ug/l  
 RT: 3.02 min Scan# 389  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBS01

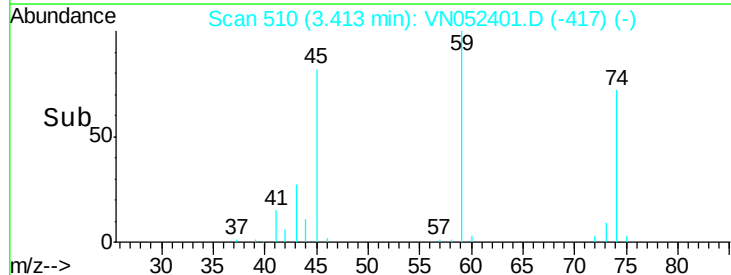
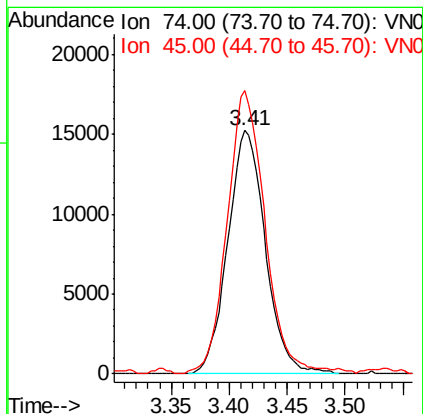
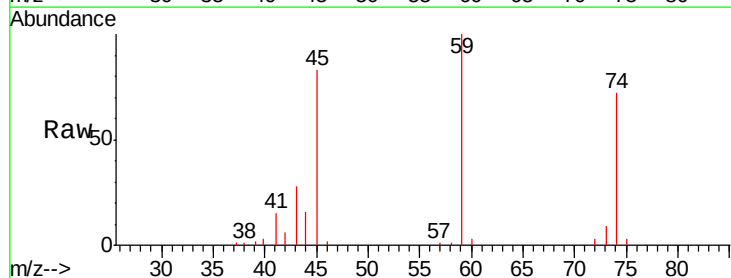
Tgt Ion: 101 Resp: 95594  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 52.8 79.2



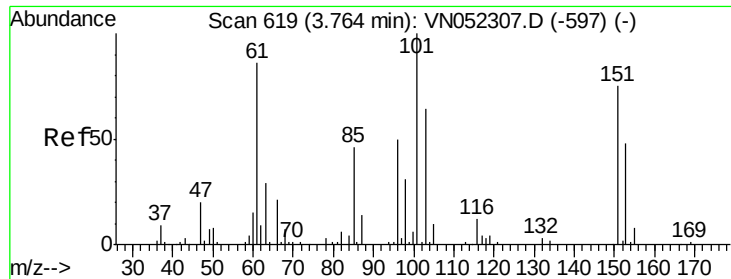
#8

Diethyl Ether  
 Concen: 19.58 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Tgt Ion: 74 Resp: 34172  
 Ion Ratio Lower Upper  
 74 100  
 45 117.0 54.3 162.9



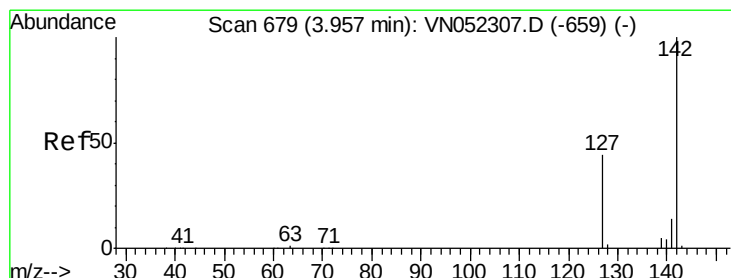
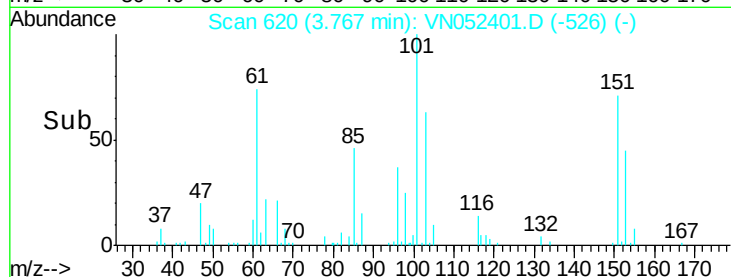
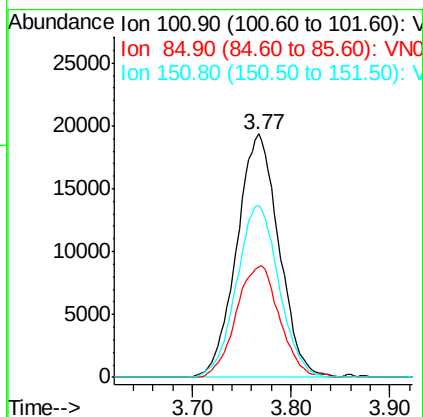
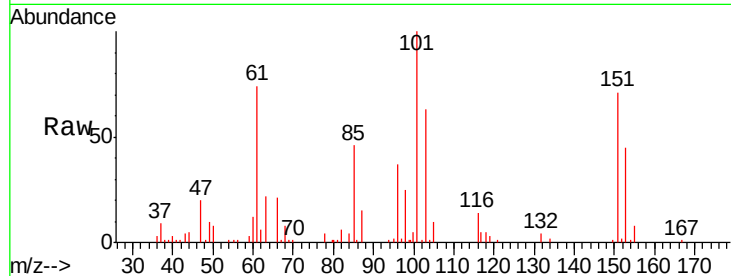




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.86 ug/l  
 RT: 3.77 min Scan# 620  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

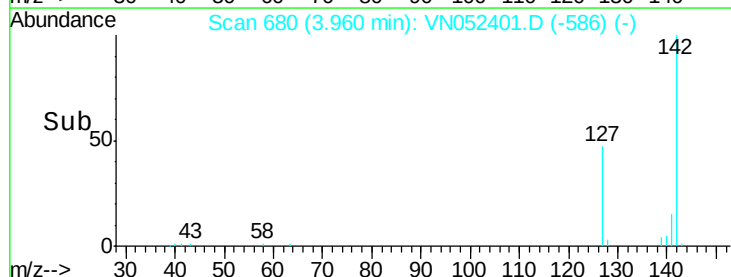
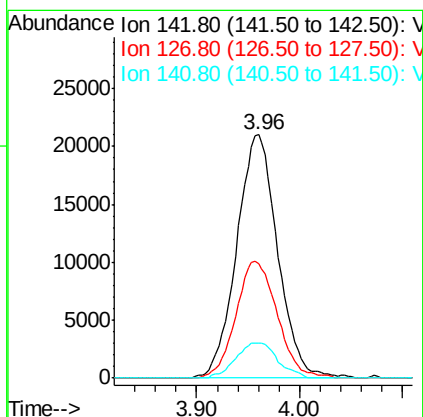
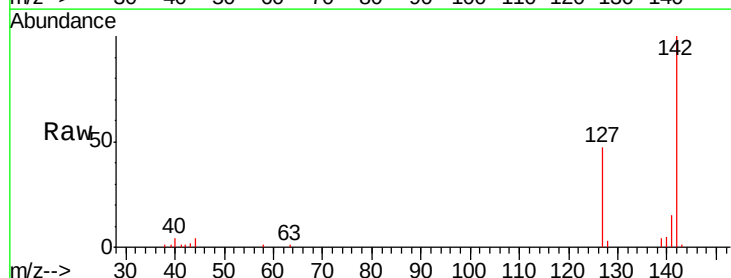
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1120WBS01

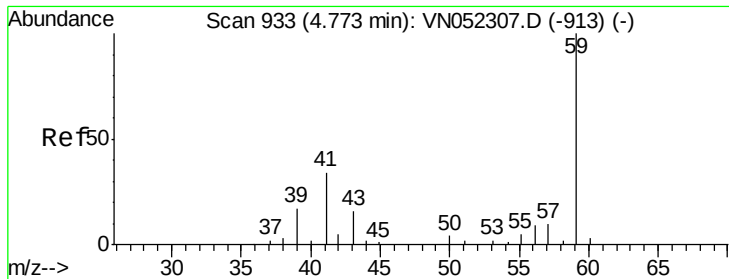
Tgt Ion:101 Resp: 57437  
 Ion Ratio Lower Upper  
 101 100  
 85 46.8 37.4 56.0  
 151 70.9 58.6 88.0



#10  
 Methyl Iodide  
 Concen: 14.90 ug/l  
 RT: 3.96 min Scan# 680  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Tgt Ion:142 Resp: 57863  
 Ion Ratio Lower Upper  
 142 100  
 127 48.6 36.3 54.5  
 141 14.8 11.4 17.2



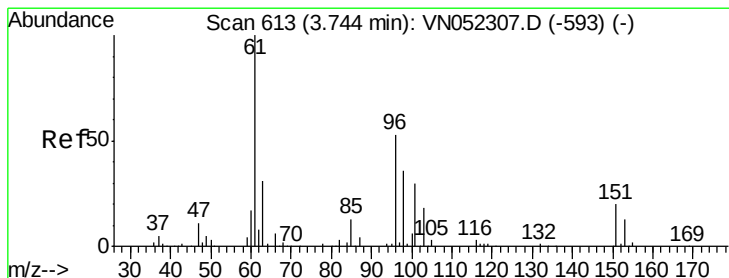
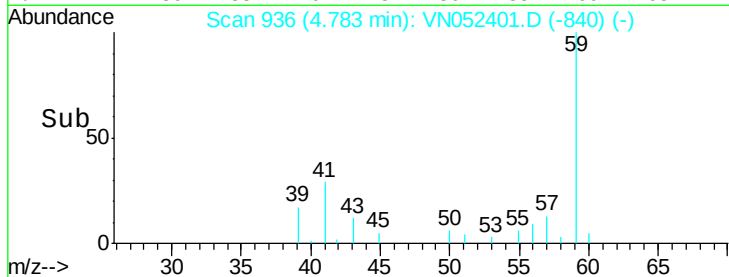
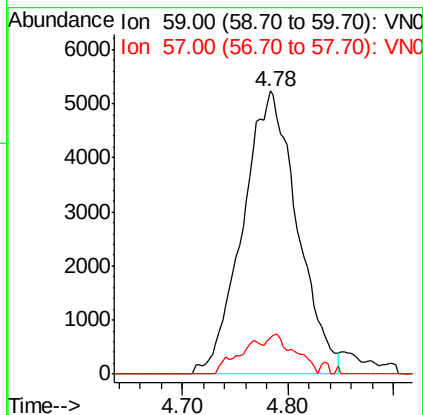
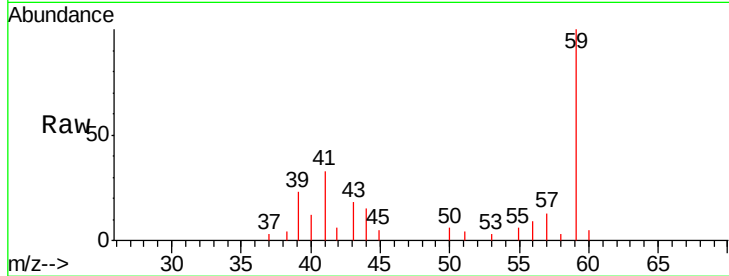


#11

Tert butyl alcohol  
 Concen: 96.92 ug/l  
 RT: 4.78 min Scan# 936  
 Delta R.T. 0.01 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBS01

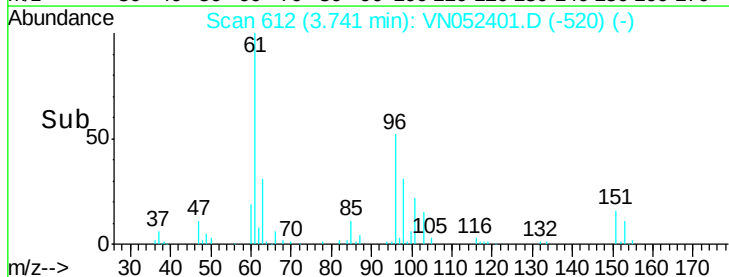
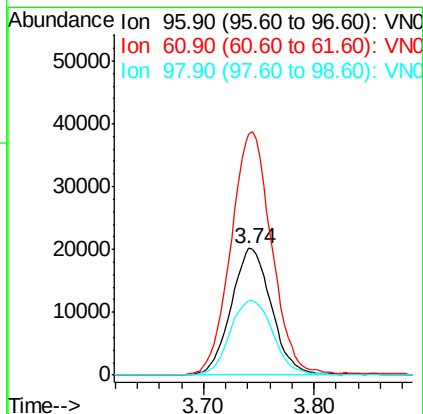
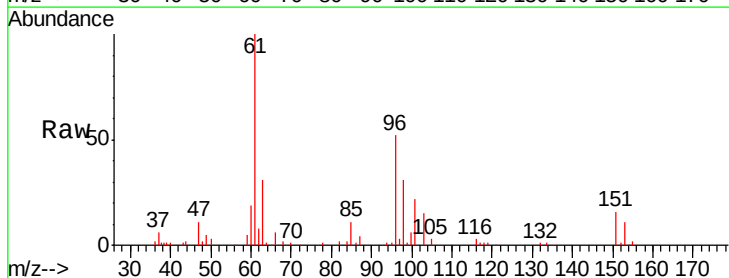
Tgt Ion: 59 Resp: 18798  
 Ion Ratio Lower Upper  
 59 100  
 57 7.2 8.5 12.7#

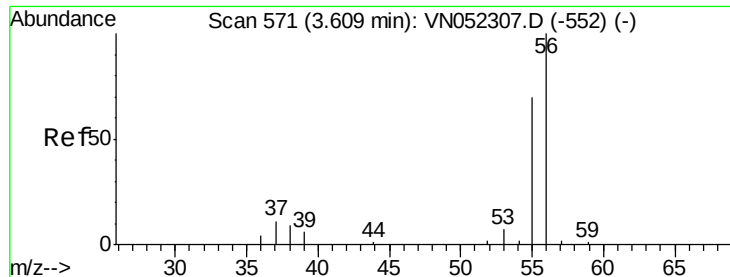


#12

1,1-Dichloroethene  
 Concen: 19.01 ug/l  
 RT: 3.74 min Scan# 612  
 Delta R.T. -0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Tgt Ion: 96 Resp: 50896  
 Ion Ratio Lower Upper  
 96 100  
 61 189.9 149.6 224.4  
 98 59.1 54.2 81.2





#13

Acrolein

Concen: 96.91 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampled :

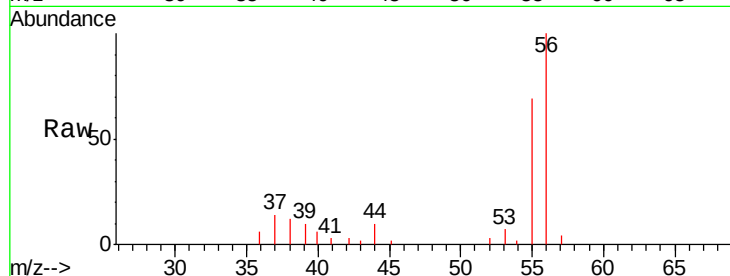
VN1120WBS01

Tgt Ion: 56 Resp: 24076

Ion Ratio Lower Upper

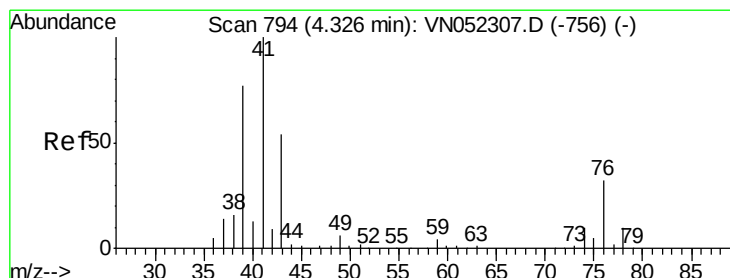
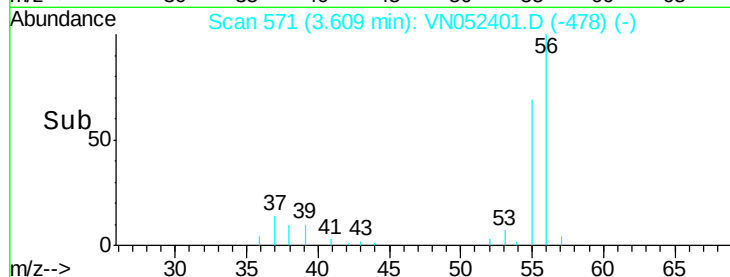
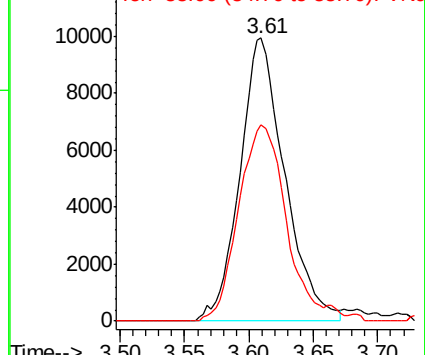
56 100

55 72.6 57.6 86.4



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 20.19 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

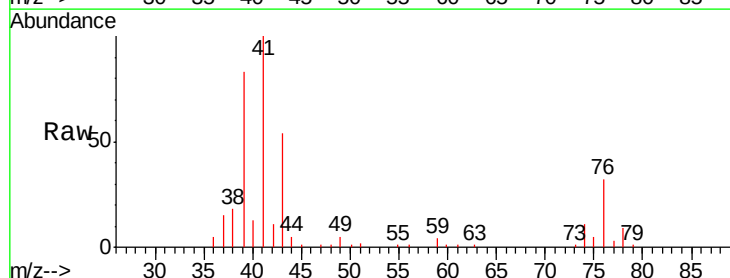
Tgt Ion: 41 Resp: 110989

Ion Ratio Lower Upper

41 100

39 78.8 59.1 88.7

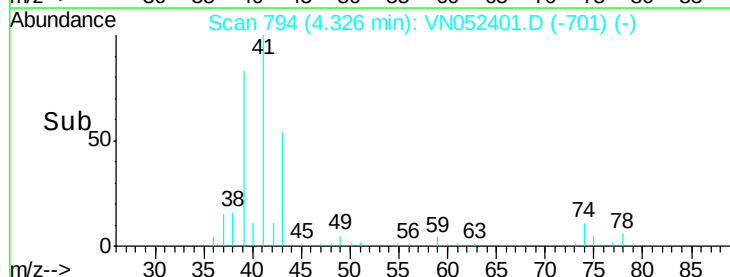
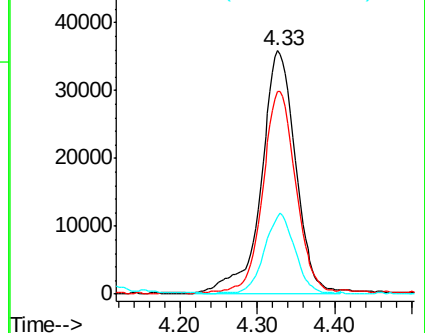
76 28.3 24.1 36.1

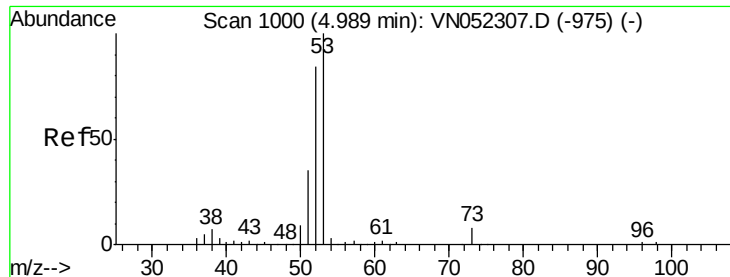


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 99.08 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBS01

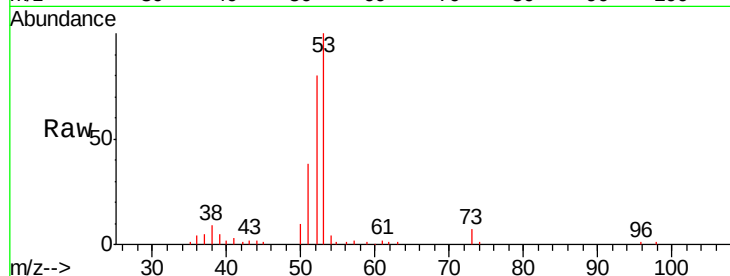
Tgt Ion: 53 Resp: 109721

Ion Ratio Lower Upper

53 100

52 83.2 67.5 101.3

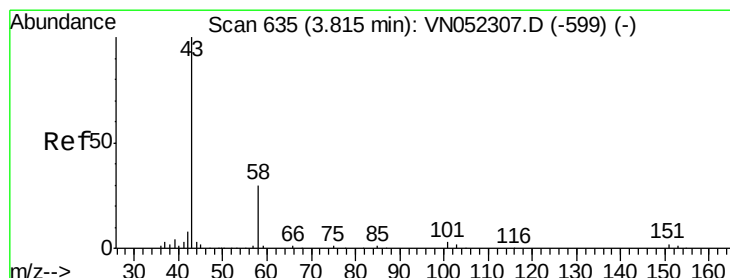
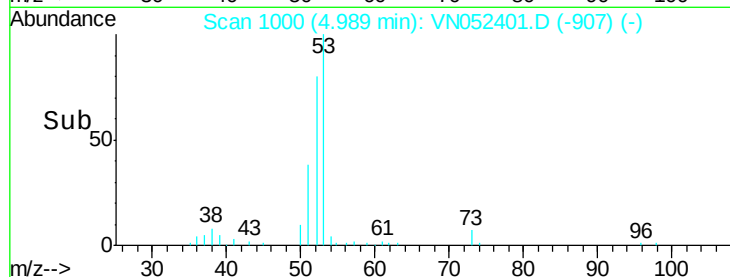
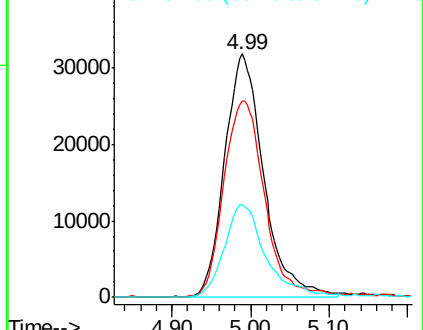
51 40.3 29.9 44.9



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: 108.18 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052401.D

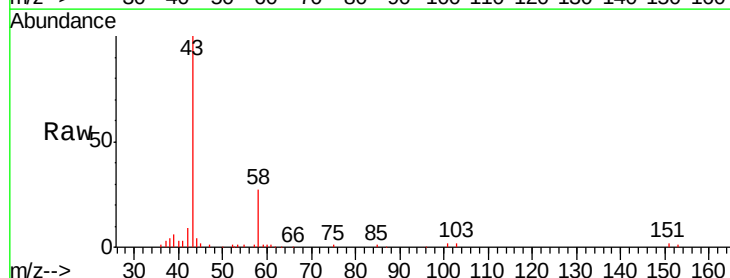
Acq: 20 Nov 2018 12:25

Tgt Ion: 43 Resp: 109389

Ion Ratio Lower Upper

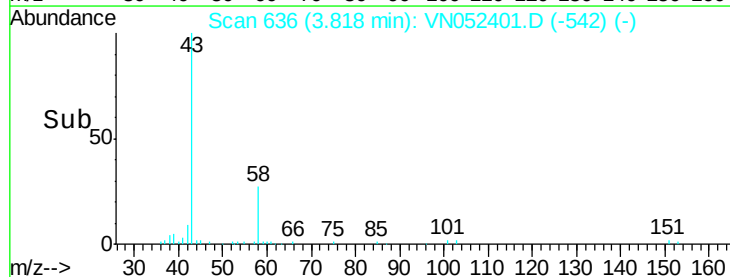
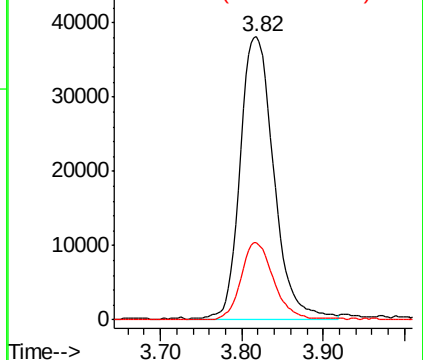
43 100

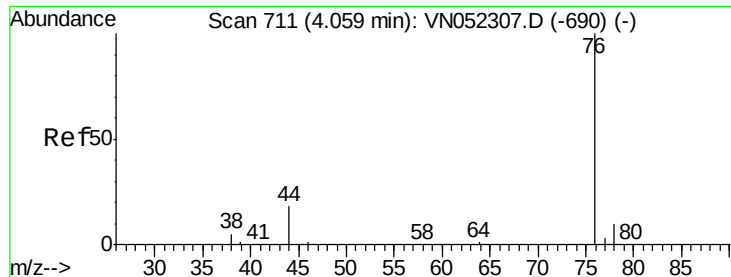
58 27.3 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 20.01 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

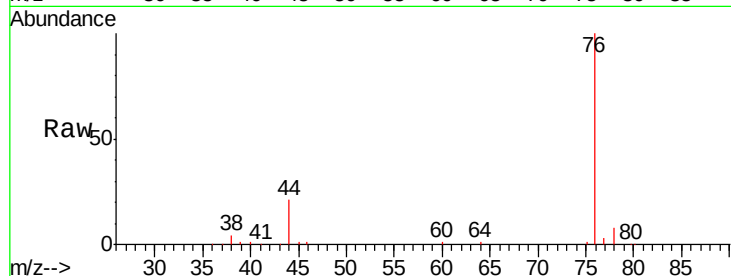
VN1120WBS01

Tgt Ion: 76 Resp: 153549

Ion Ratio Lower Upper

76 100

78 8.3 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

60000

50000

40000

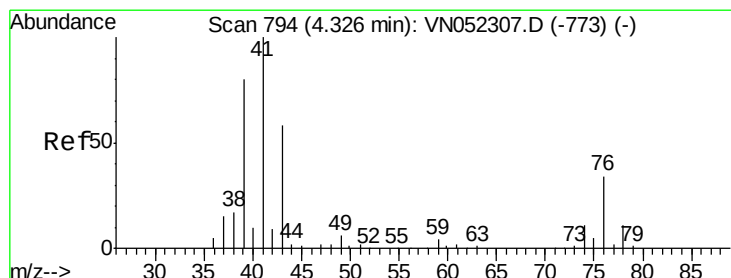
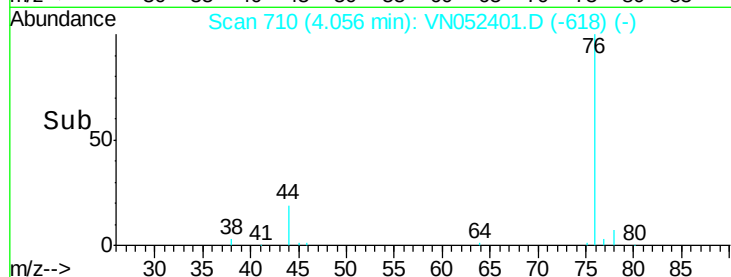
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 20.39 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052401.D

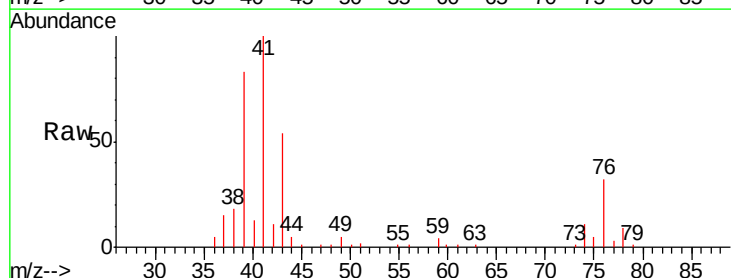
Acq: 20 Nov 2018 12:25

Tgt Ion: 43 Resp: 57047

Ion Ratio Lower Upper

43 100

74 20.2 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

20000

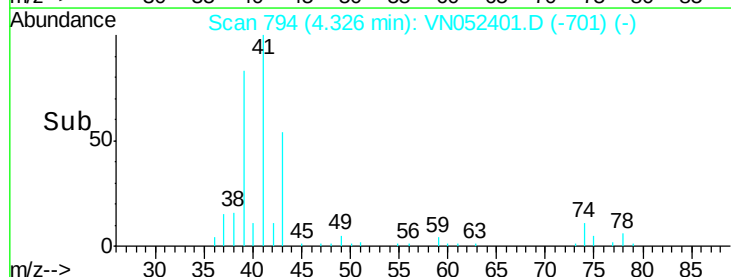
15000

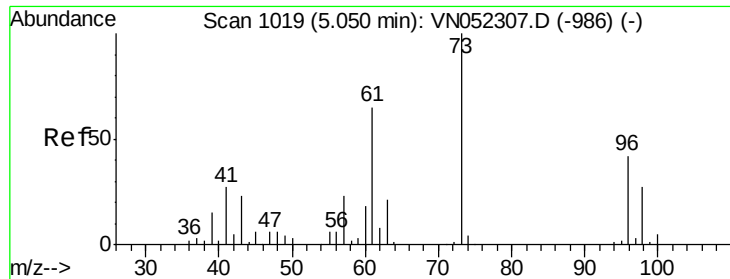
10000

5000

0

Time-->

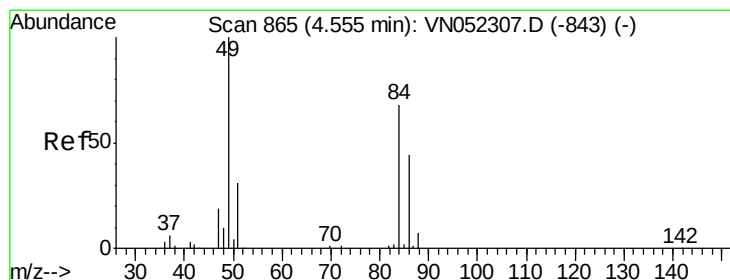
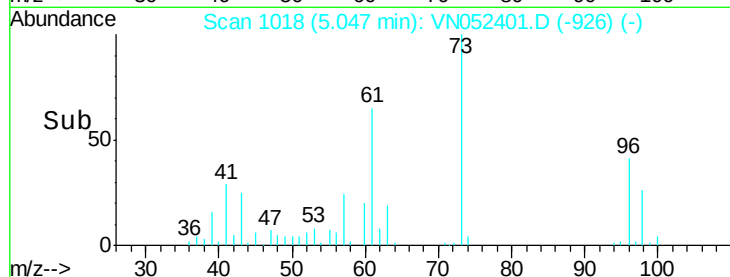
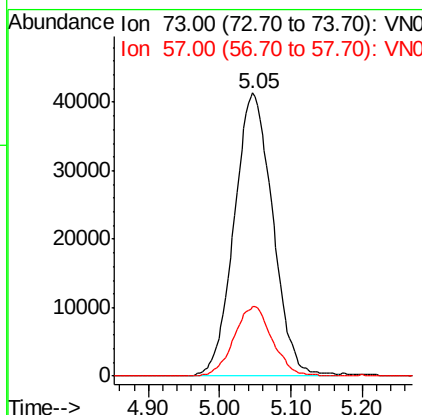
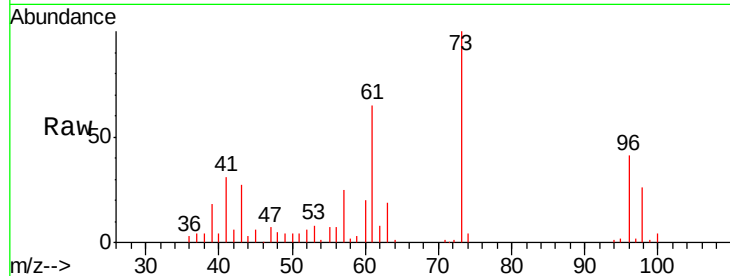




#19  
Methyl tert-butyl Ether  
Concen: 20.21 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

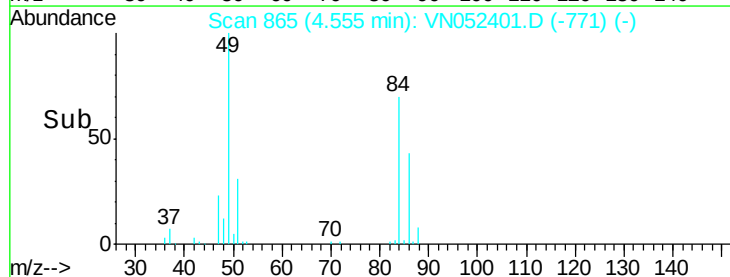
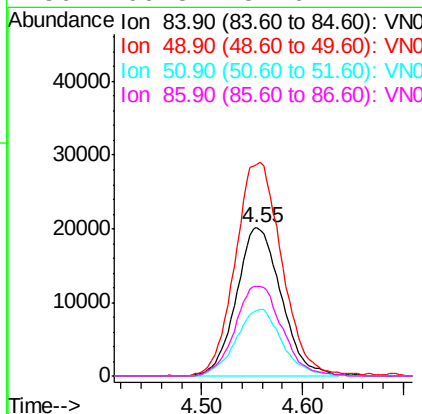
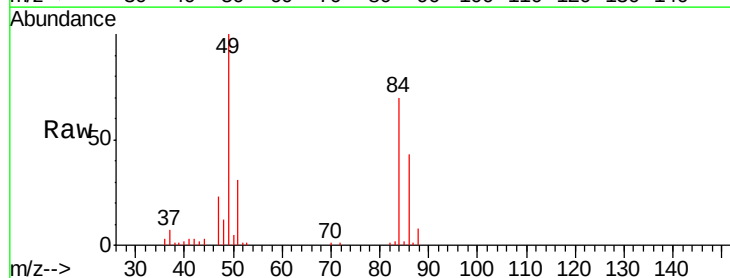
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBS01

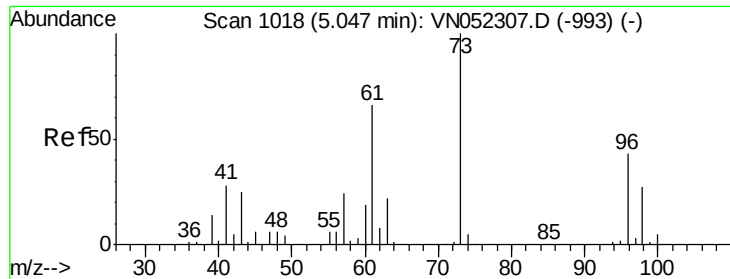
Tgt Ion: 73 Resp: 155423  
Ion Ratio Lower Upper  
73 100  
57 24.5 18.7 28.1



#20  
Methylene Chloride  
Concen: 19.77 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Tgt Ion: 84 Resp: 62106  
Ion Ratio Lower Upper  
84 100  
49 142.3 118.2 177.2  
51 44.4 36.1 54.1  
86 60.8 51.6 77.4

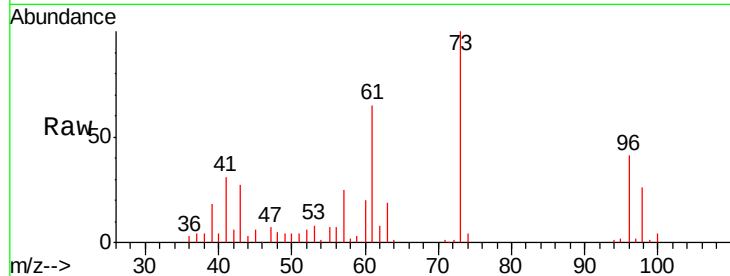




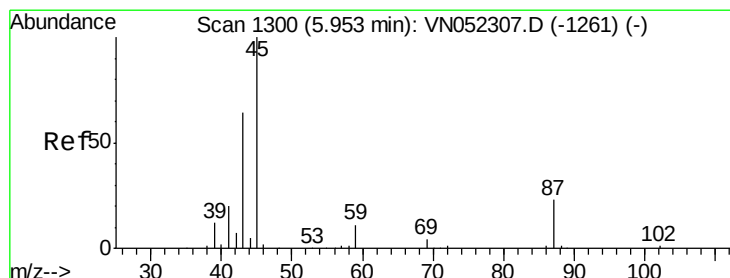
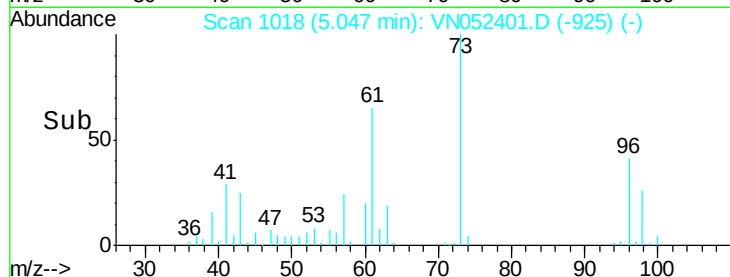
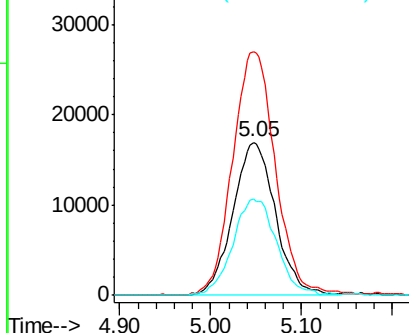
#21  
trans-1,2-Dichloroethene  
Concen: 19.06 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBS01

Tgt Ion: 96 Resp: 54937  
Ion Ratio Lower Upper  
96 100  
61 159.1 123.6 185.4  
98 62.6 50.7 76.1

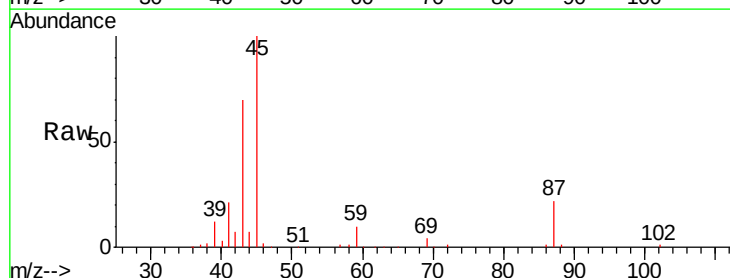


Abundance Ion 95.90 (95.60 to 96.60): VNC  
Ion 60.90 (60.60 to 61.60): VNC  
Ion 97.90 (97.60 to 98.60): VNC

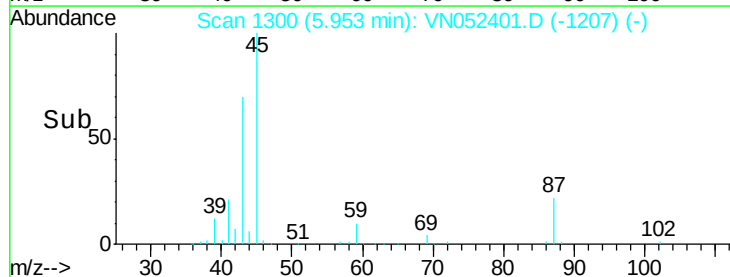
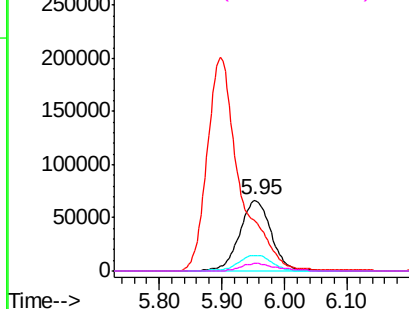


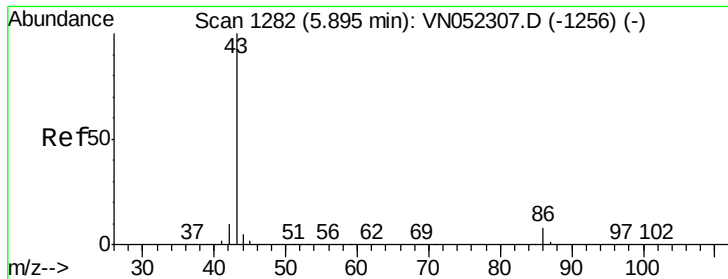
#22  
Diisopropyl ether  
Concen: 20.74 ug/l  
RT: 5.95 min Scan# 1300  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Tgt Ion: 45 Resp: 232626  
Ion Ratio Lower Upper  
45 100  
43 69.1 51.4 77.2  
87 22.1 18.8 28.2  
59 10.4 8.6 12.8



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





#23

Vinyl Acetate

Concen: 95.30 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

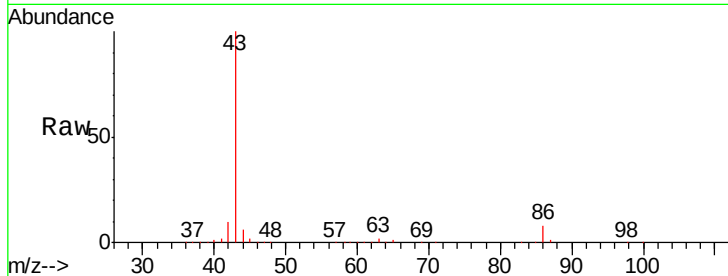
VN1120WBS01

Tgt Ion: 43 Resp: 724993

Ion Ratio Lower Upper

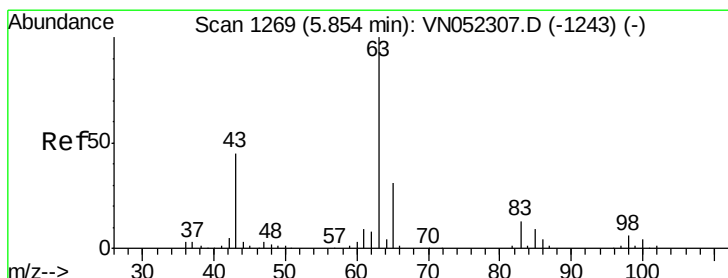
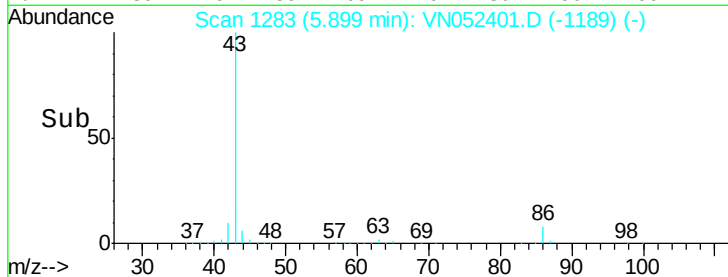
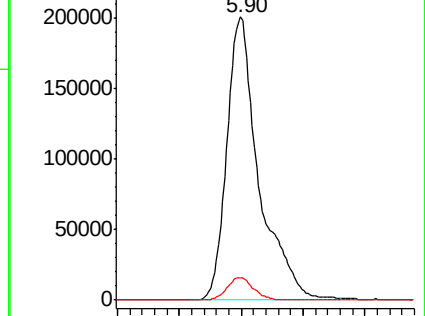
43 100

86 8.0 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.33 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

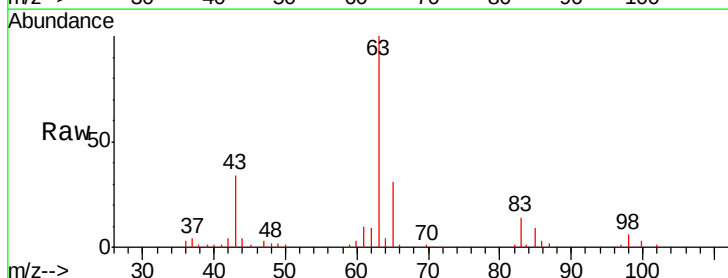
Tgt Ion: 63 Resp: 122237

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.6

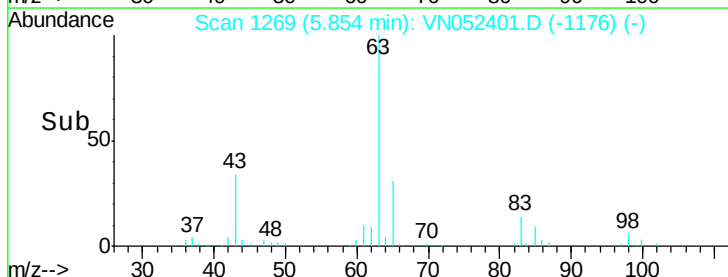
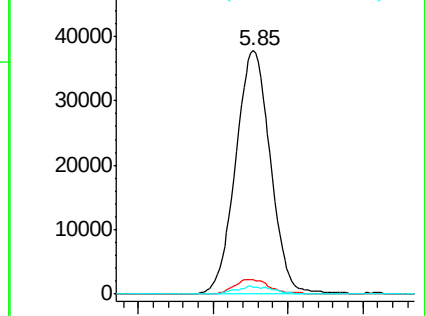
100 3.1 1.9 5.7



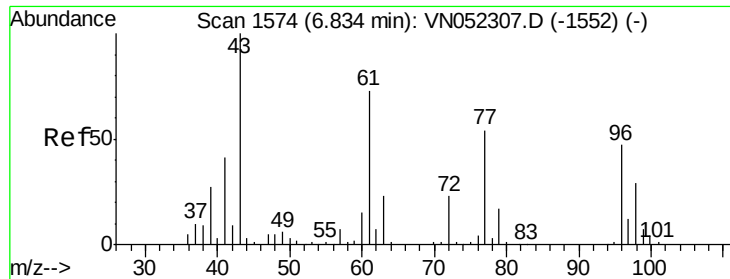
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0







#25

2-Butanone

Concen: 102.76 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampled :

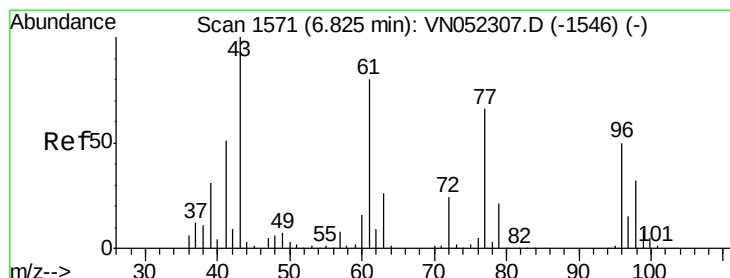
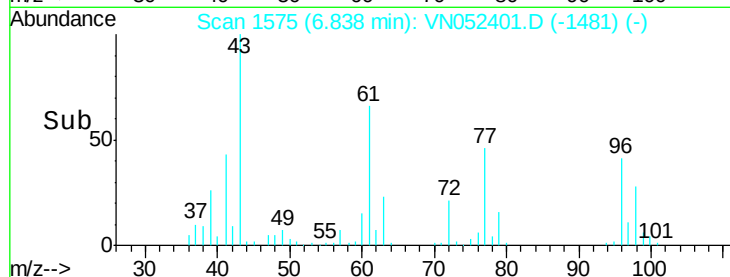
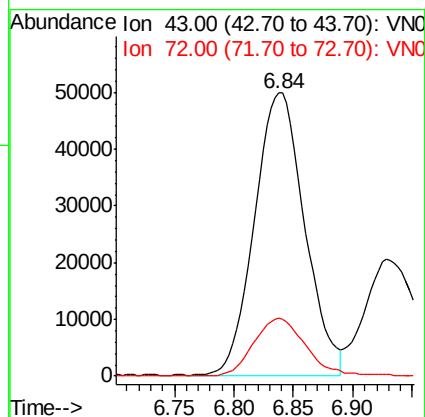
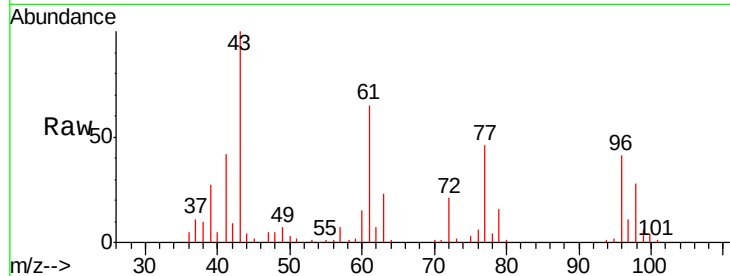
VN1120WBS01

Tgt Ion: 43 Resp: 146260

Ion Ratio Lower Upper

43 100

72 20.5 18.6 27.8



#26

2,2-Dichloropropane

Concen: 18.73 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN052401.D

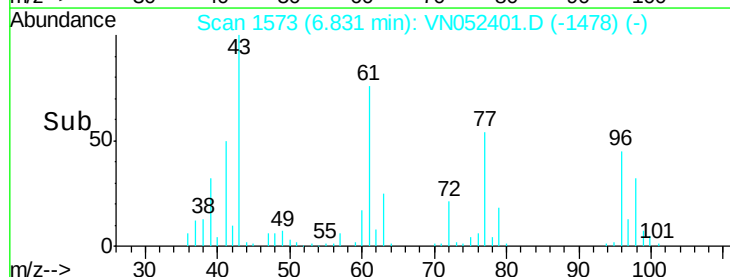
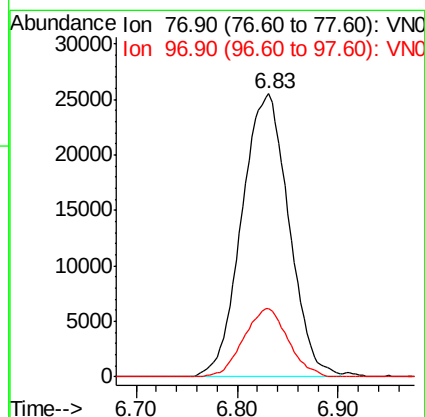
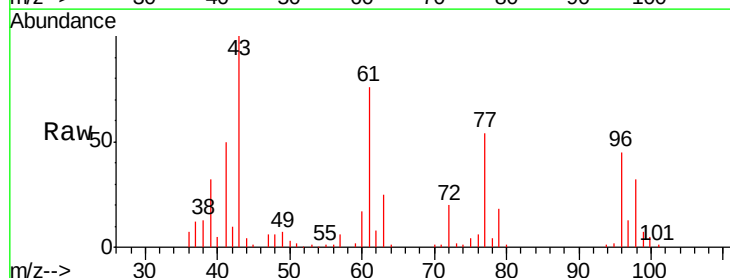
Acq: 20 Nov 2018 12:25

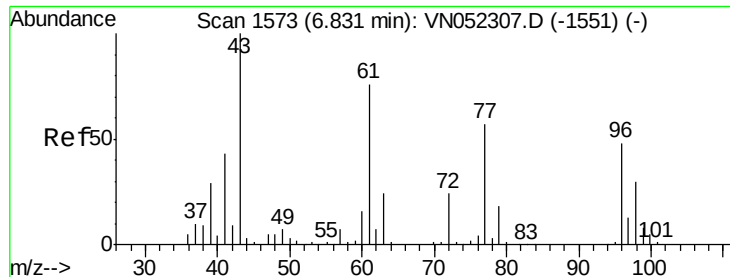
Tgt Ion: 77 Resp: 82829

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 18.97 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBS01

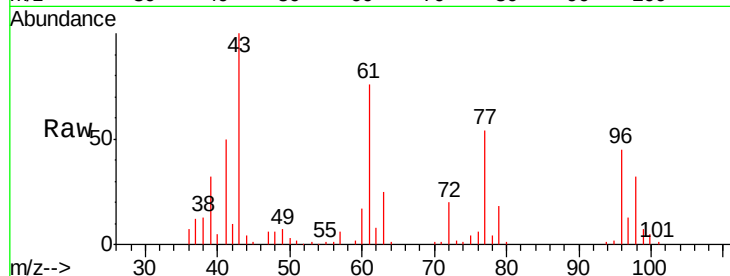
Tgt Ion: 96 Resp: 63645

Ion Ratio Lower Upper

96 100

61 169.2 0.0 316.8

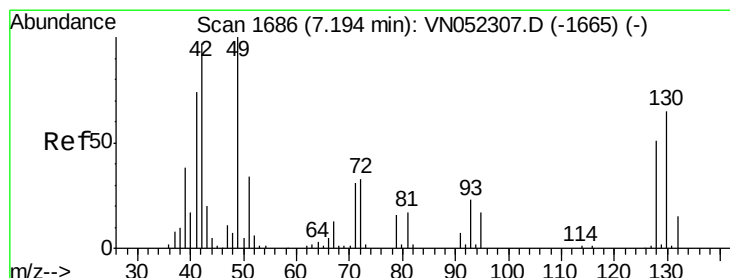
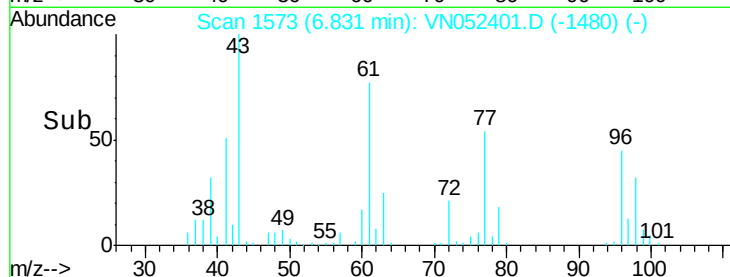
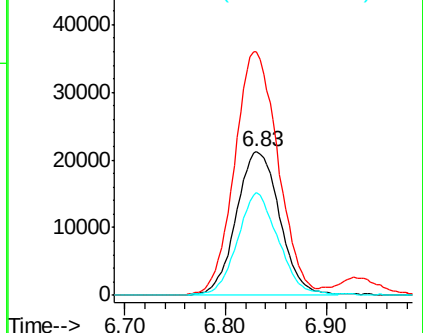
98 66.8 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN052307.D (-1551) (-)

Ion 60.90 (60.60 to 61.60): VN052307.D (-1551) (-)

Ion 97.90 (97.60 to 98.60): VN052307.D (-1551) (-)



#28

Bromochloromethane

Concen: 21.96 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

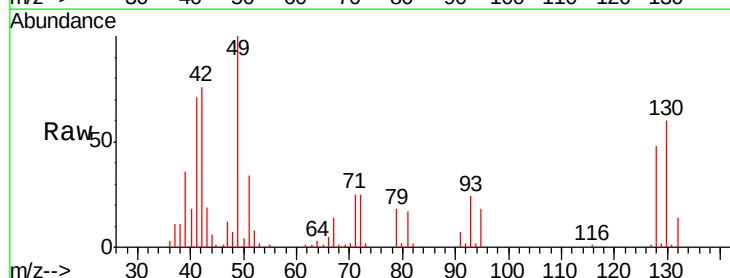
Tgt Ion: 49 Resp: 67902

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.0

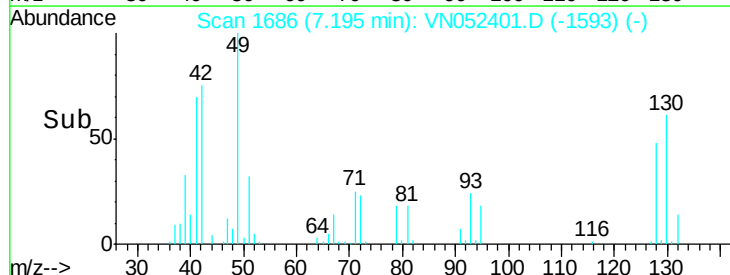
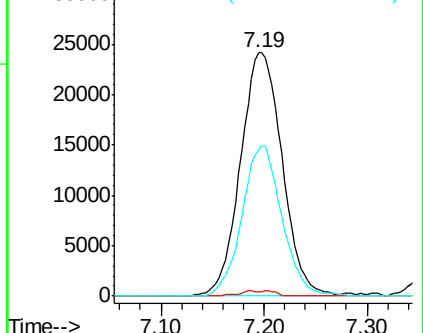
130 59.0 50.4 75.6

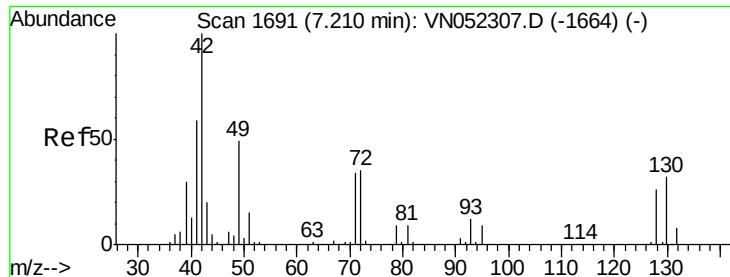


Abundance Ion 48.90 (48.60 to 49.60): VN052307.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN052307.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN052307.D (-1665) (-)

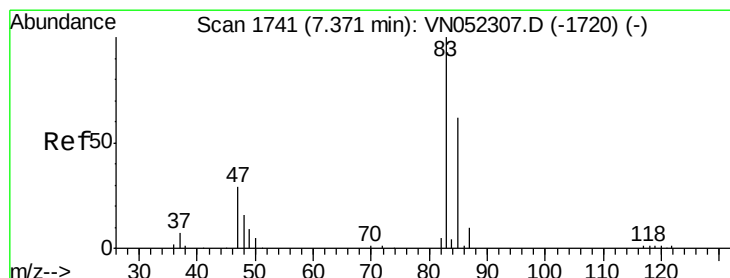
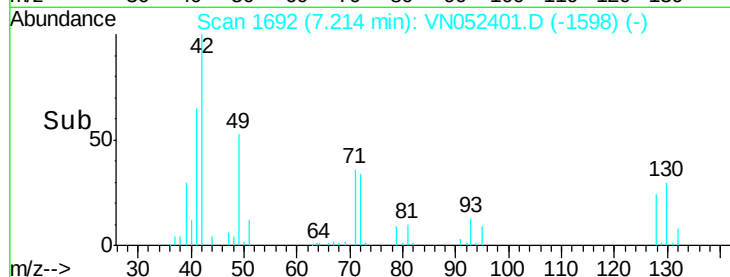
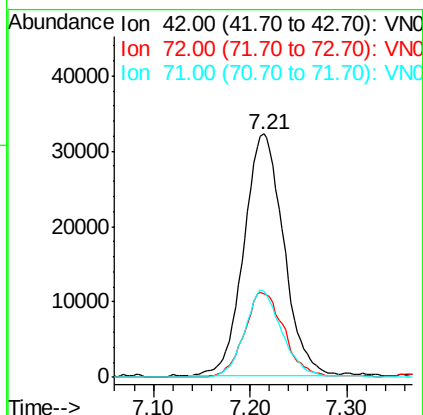
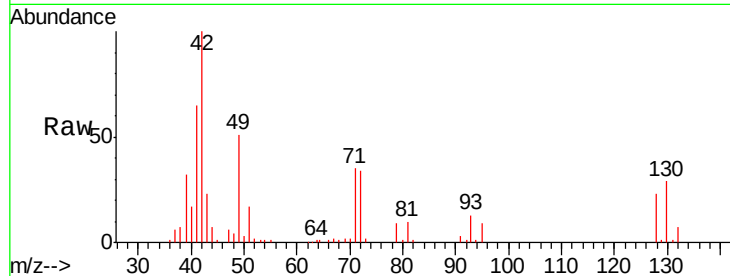




#29  
Tetrahydrofuran  
Concen: 98.15 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

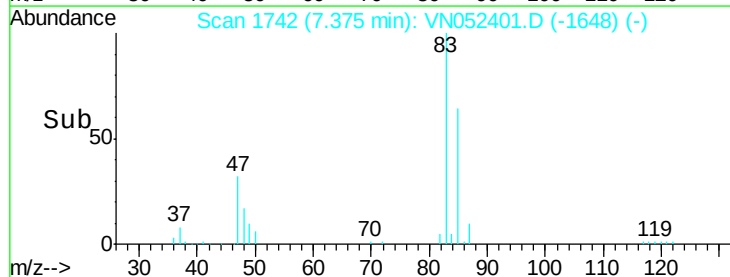
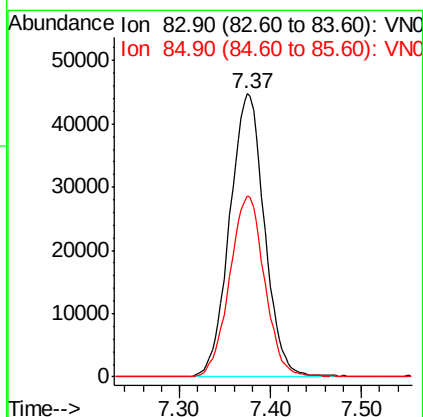
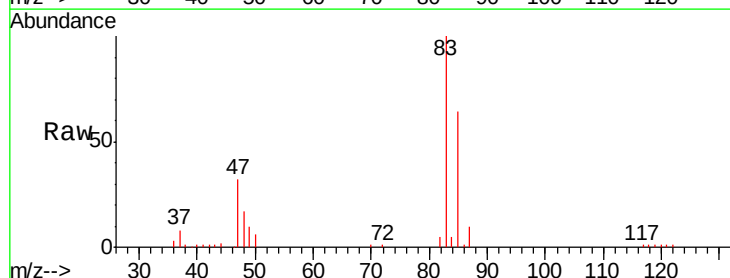
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBS01

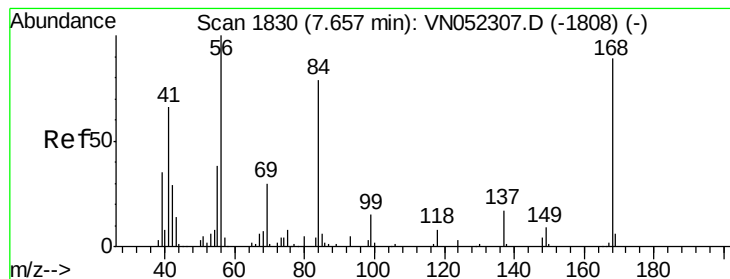
Tgt Ion: 42 Resp: 91771  
Ion Ratio Lower Upper  
42 100  
72 35.1 28.6 42.8  
71 33.5 26.7 40.1



#30  
Chloroform  
Concen: 20.70 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Tgt Ion: 83 Resp: 118633  
Ion Ratio Lower Upper  
83 100  
85 64.1 49.4 74.2





#31

Cyclohexane

Concen: 19.86 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBS01

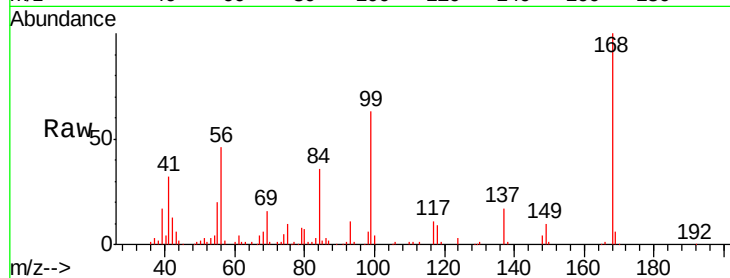
Tgt Ion: 56 Resp: 114443

Ion Ratio Lower Upper

56 100

69 35.3 23.8 35.8

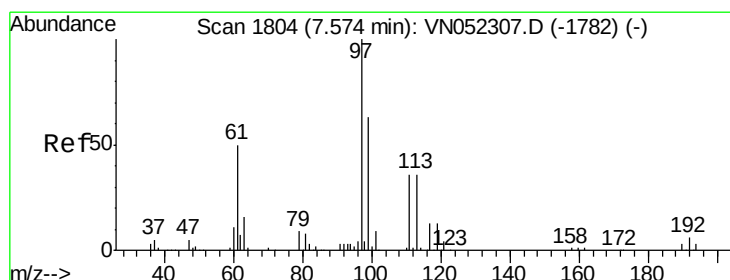
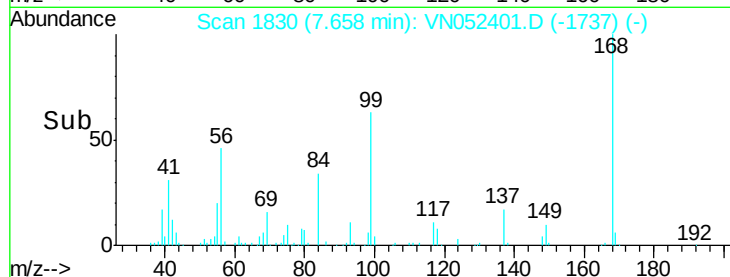
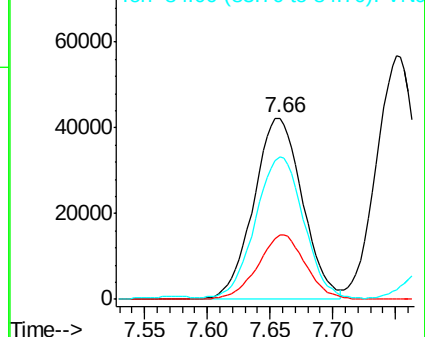
84 77.3 63.0 94.6



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: 19.85 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

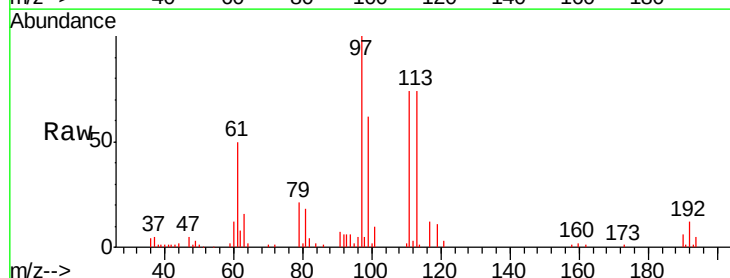
Tgt Ion: 97 Resp: 96913

Ion Ratio Lower Upper

97 100

99 65.5 50.2 75.2

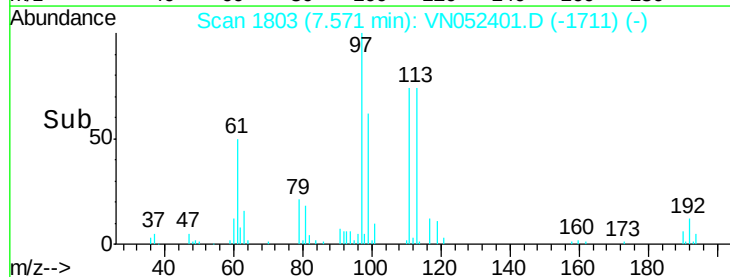
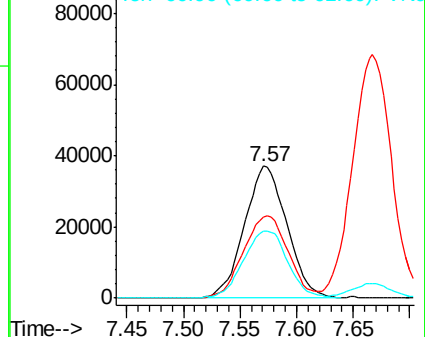
61 53.1 40.2 60.4

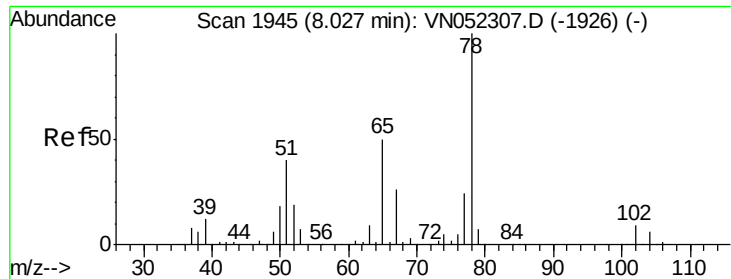


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

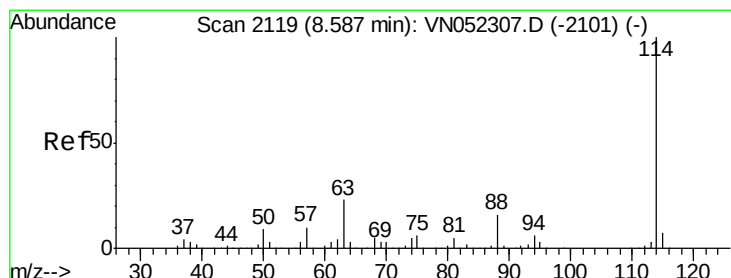
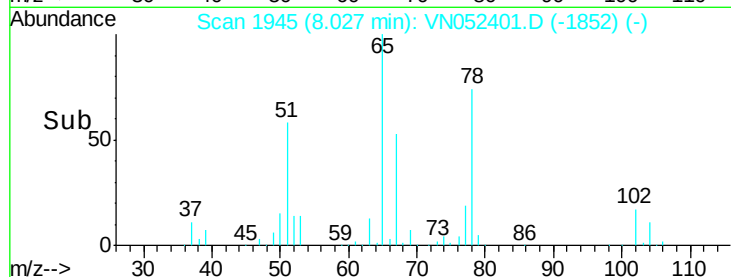
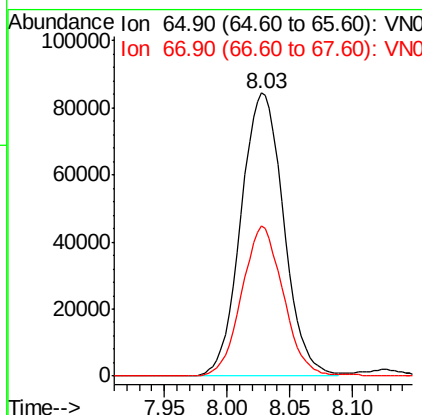
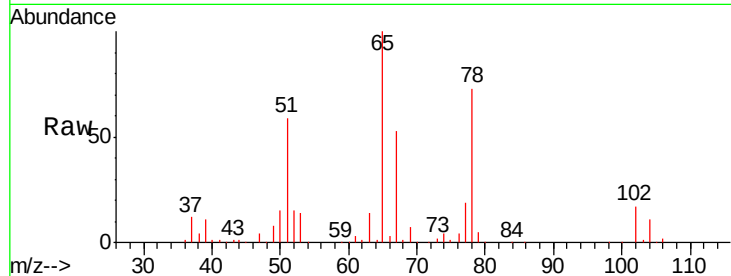




#33  
 1,2-Dichloroethane-d4  
 Concen: 19.85 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

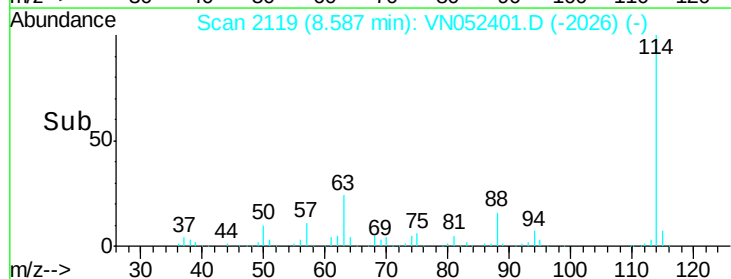
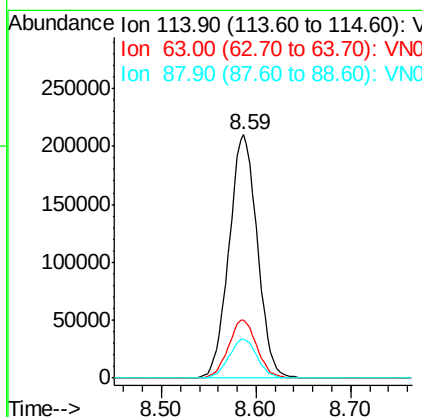
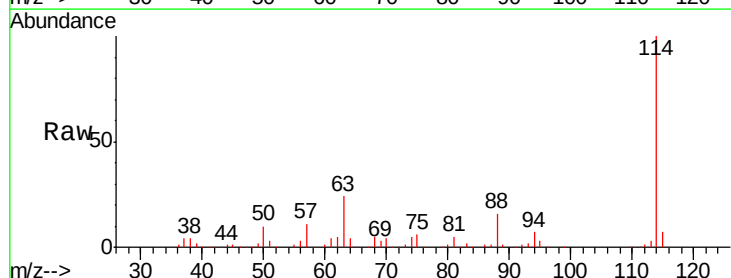
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBS01

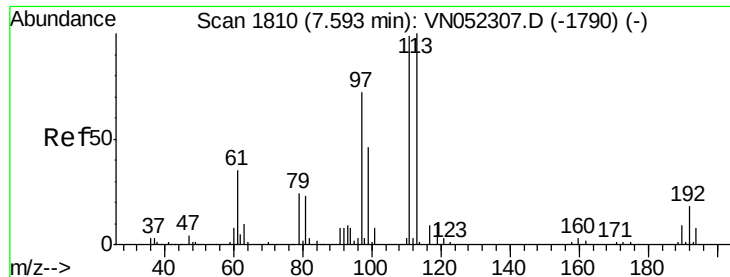
Tgt Ion: 65 Resp: 200214  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 105.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Tgt Ion: 114 Resp: 435911  
 Ion Ratio Lower Upper  
 114 100  
 63 24.0 0.0 45.4  
 88 16.0 0.0 31.2

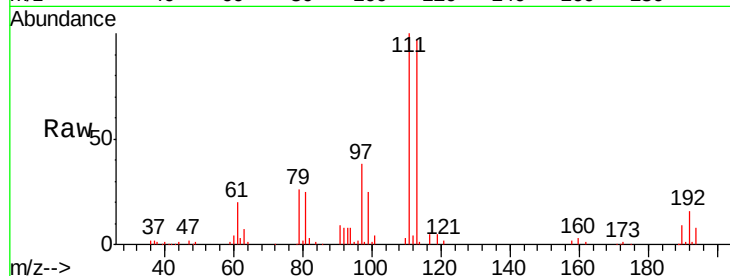




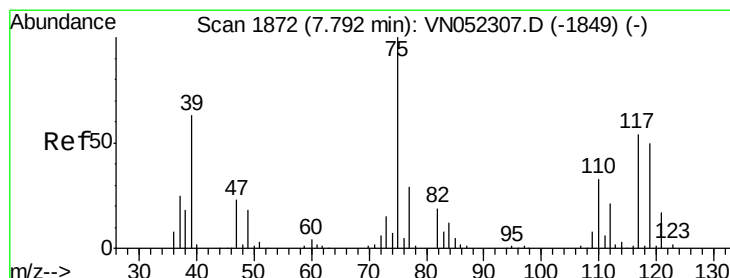
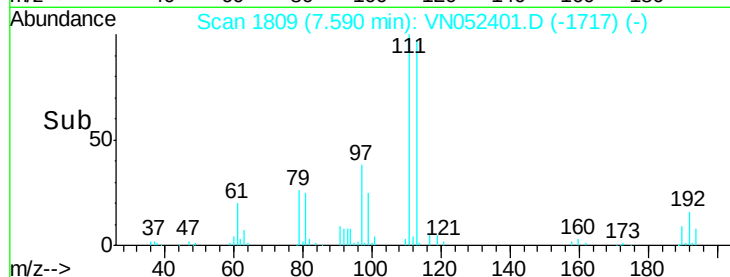
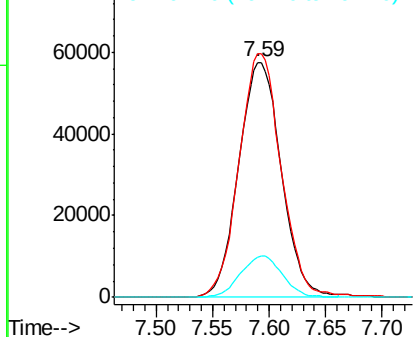
#35  
 Dibromofluoromethane  
 Concen: 50.00 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBS01

Tgt Ion: 113 Resp: 150442  
 Ion Ratio Lower Upper  
 113 100  
 111 102.8 81.0 121.6  
 192 17.4 13.8 20.6

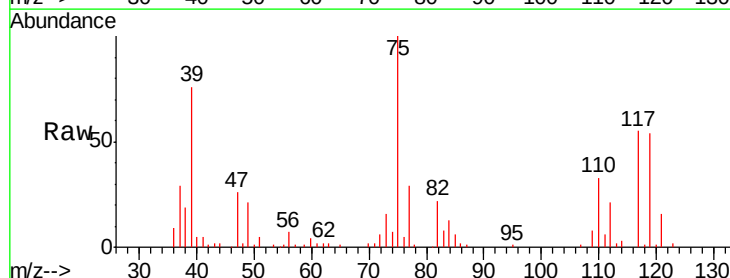


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

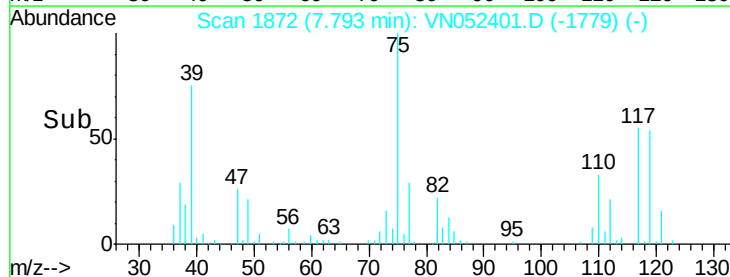
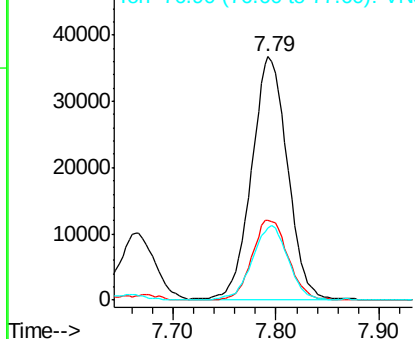


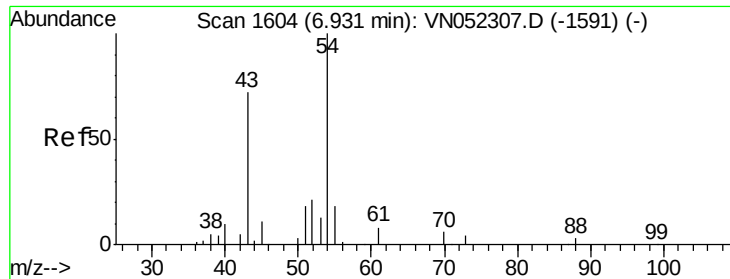
#36  
 1,1-Dichloropropene  
 Concen: 20.38 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Tgt Ion: 75 Resp: 89046  
 Ion Ratio Lower Upper  
 75 100  
 110 32.8 16.5 49.5  
 77 30.3 24.2 36.2



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

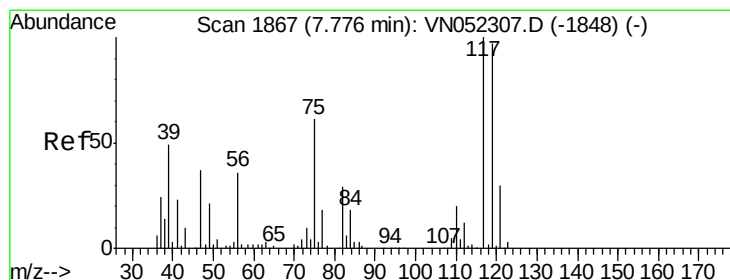
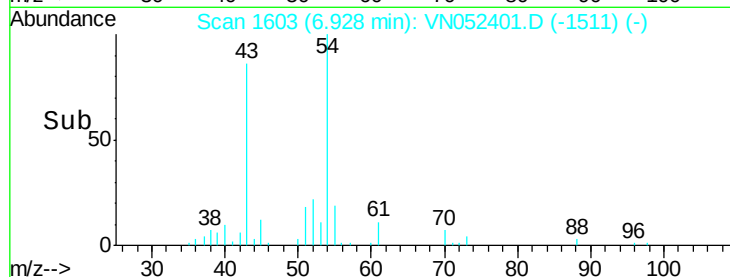
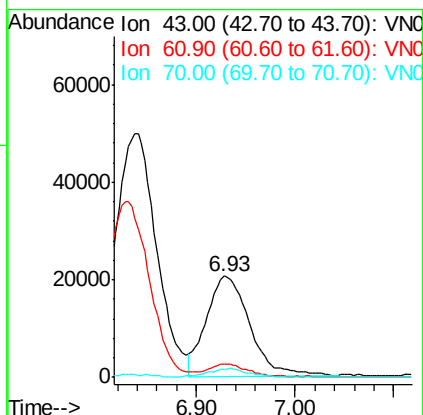
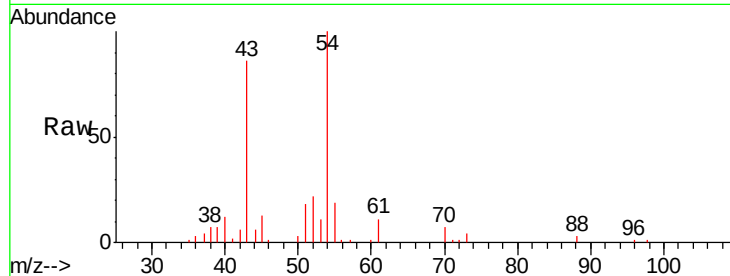




#37  
Ethyl Acetate  
Concen: 19.71 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

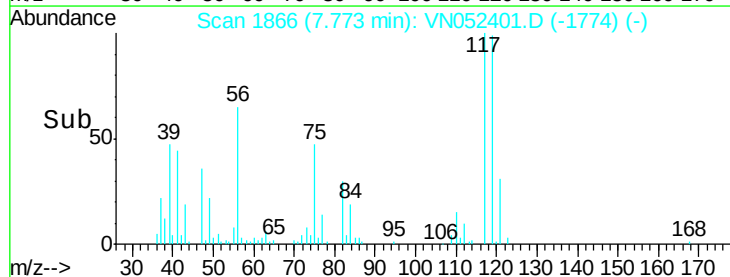
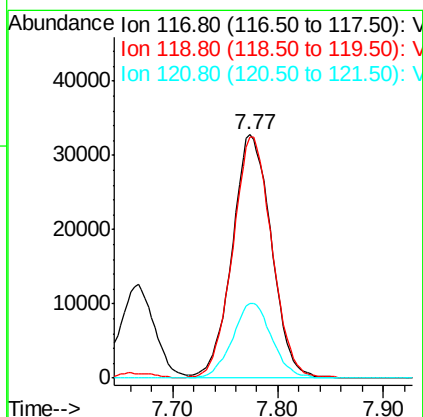
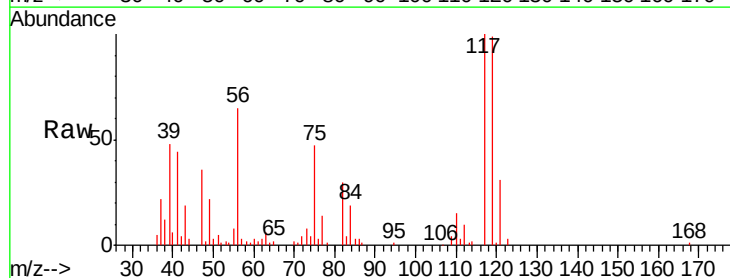
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBS01

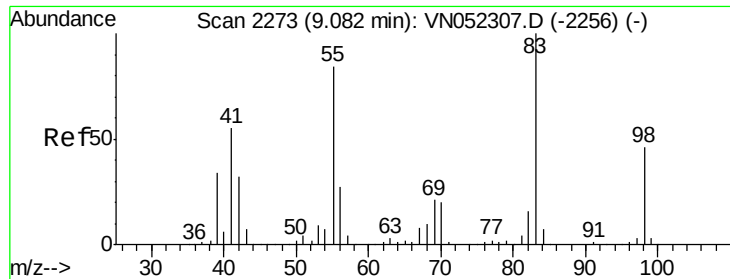
Tgt Ion: 43 Resp: 62513  
Ion Ratio Lower Upper  
43 100  
61 11.0 10.3 15.5  
70 8.3 5.6 8.4



#38  
Carbon Tetrachloride  
Concen: 21.15 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. -0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Tgt Ion: 117 Resp: 84885  
Ion Ratio Lower Upper  
117 100  
119 99.0 77.4 116.0  
121 30.6 24.0 36.0

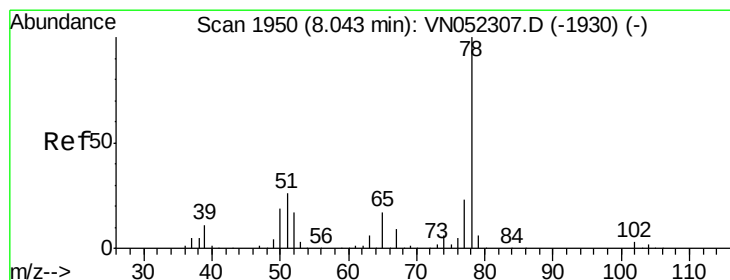
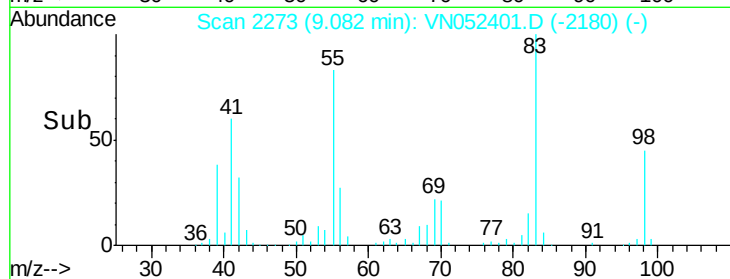
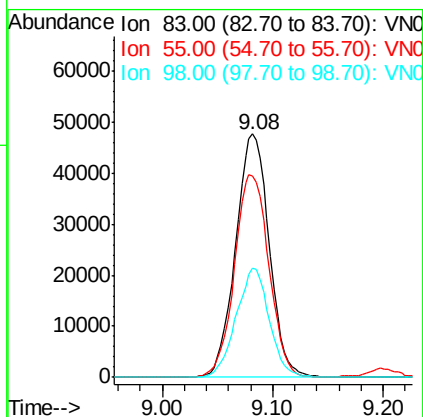
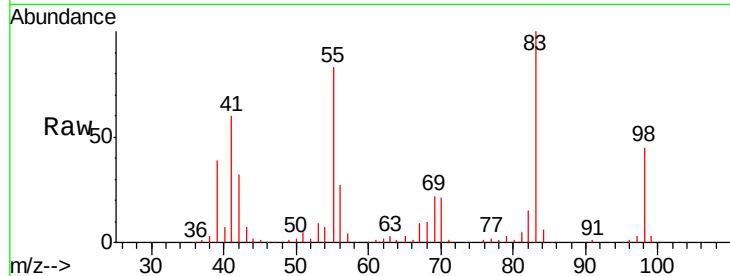




#39  
Methylcyclohexane  
Concen: 20.14 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

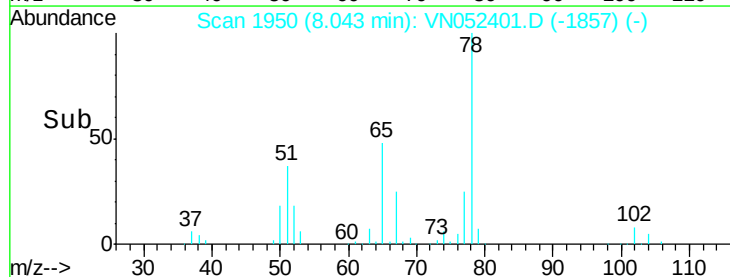
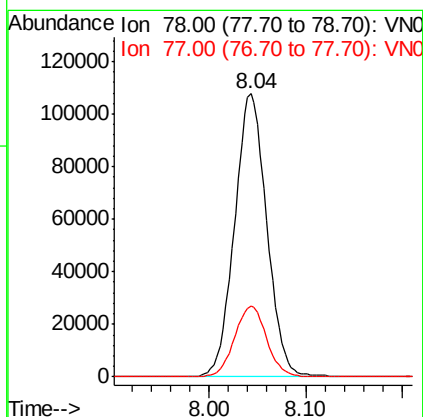
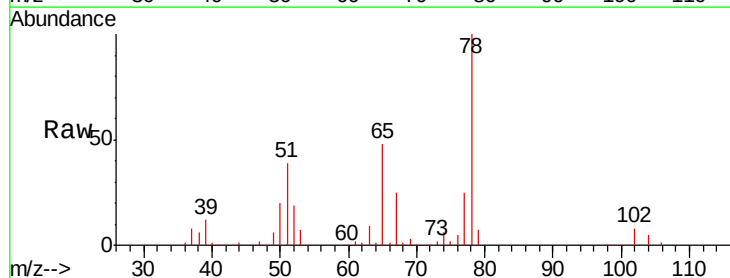
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBS01

Tgt Ion: 83 Resp: 100468  
Ion Ratio Lower Upper  
83 100  
55 82.8 66.8 100.2  
98 44.8 36.4 54.6

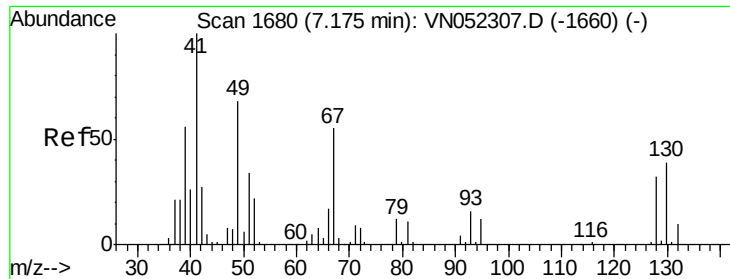


#40  
Benzene  
Concen: 19.97 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Tgt Ion: 78 Resp: 249305  
Ion Ratio Lower Upper  
78 100  
77 25.1 18.7 28.1



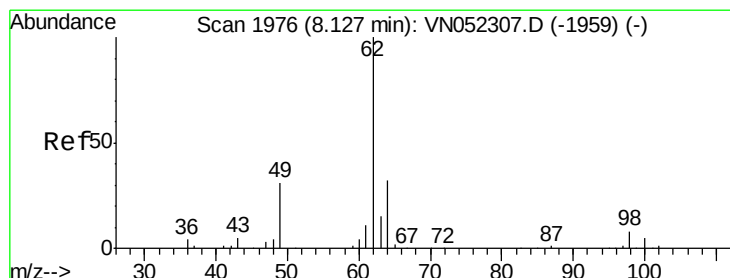
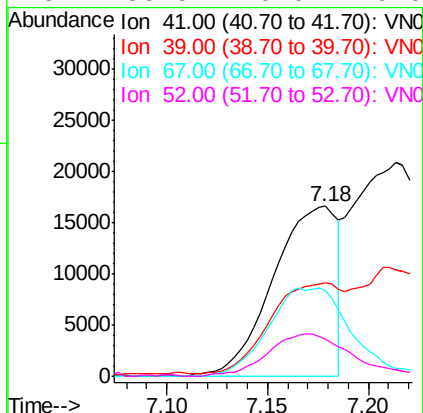
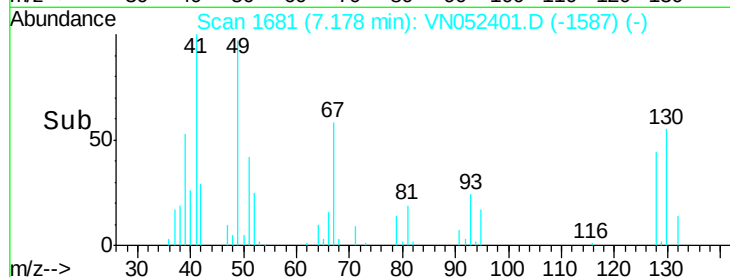
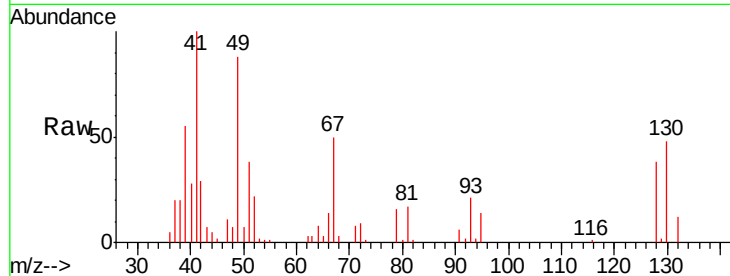




#41  
Methacrylonitrile  
Concen: 22.88 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

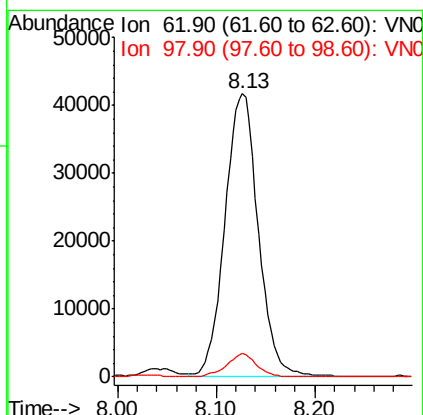
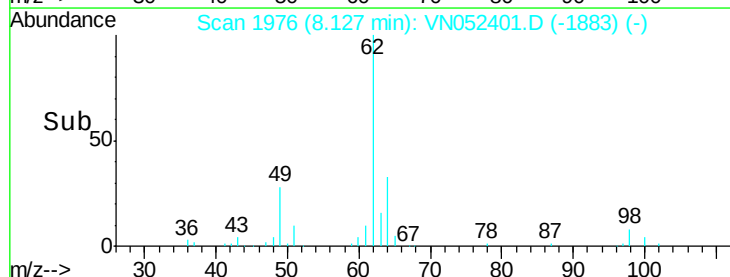
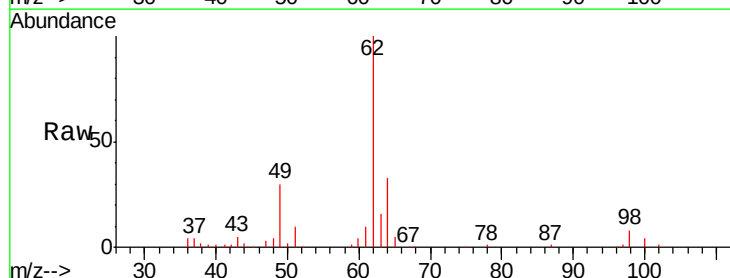
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBS01

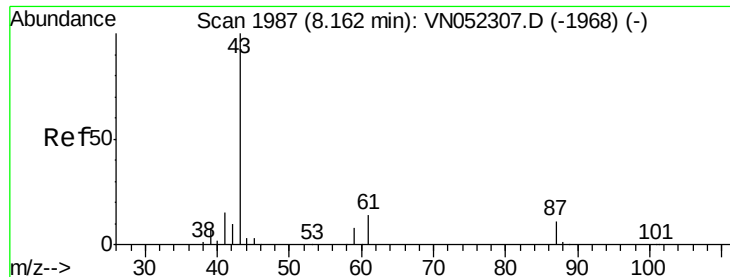
Tgt Ion: 41 Resp: 36489  
Ion Ratio Lower Upper  
41 100  
39 59.5 0.0 0.0#  
67 68.6 0.0 0.0#  
52 33.5 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 22.16 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Tgt Ion: 62 Resp: 98639  
Ion Ratio Lower Upper  
62 100  
98 7.3 0.0 15.6





#43

Isopropyl Acetate

Concen: 18.26 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBS01

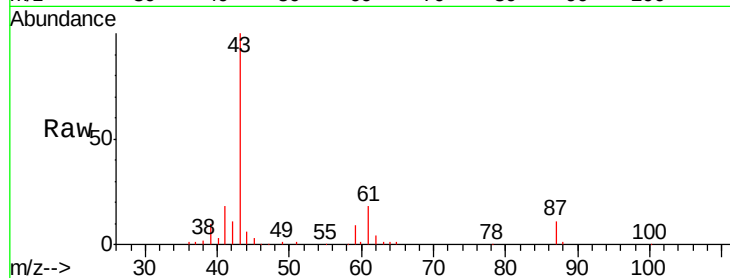
Tgt Ion: 43 Resp: 111726

Ion Ratio Lower Upper

43 100

61 14.9 12.0 18.0

87 10.3 8.3 12.5

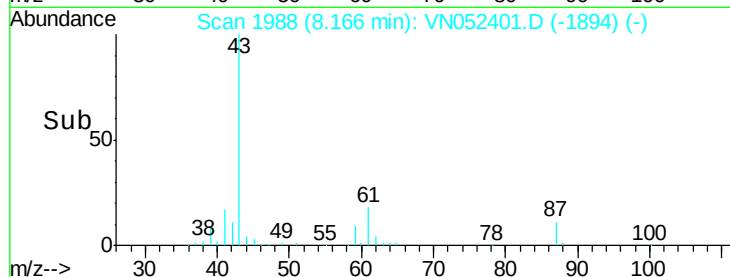


Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)

Time-->



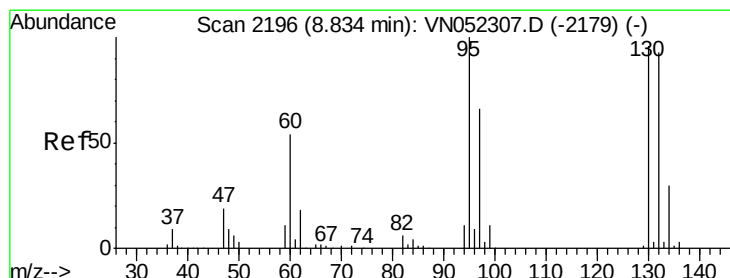
Abundance

Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)

Time-->



#44

Trichloroethene

Concen: 19.99 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052401.D

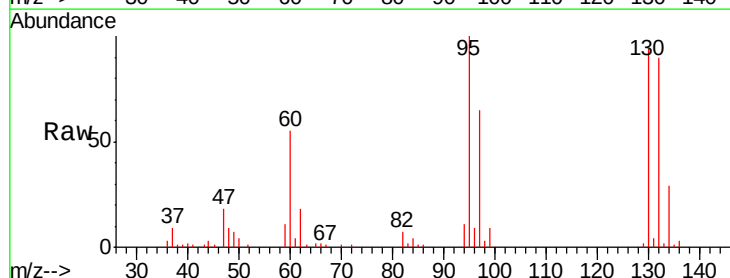
Acq: 20 Nov 2018 12:25

Tgt Ion: 130 Resp: 61459

Ion Ratio Lower Upper

130 100

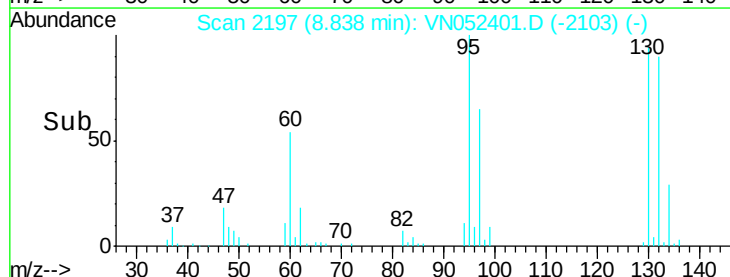
95 106.4 0.0 208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052307.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052307.D (-2179) (-)

Time-->

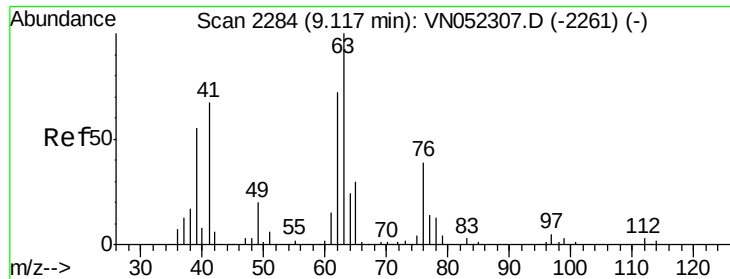


Abundance

Ion 129.80 (129.50 to 130.50): VN052307.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052307.D (-2179) (-)

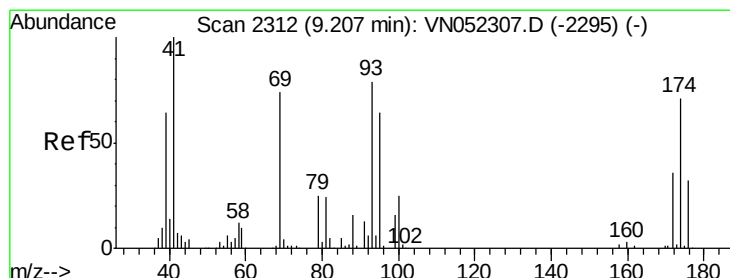
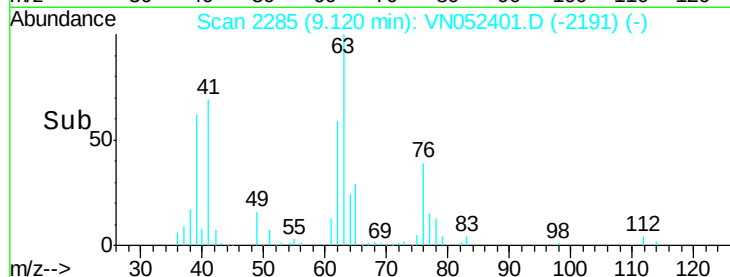
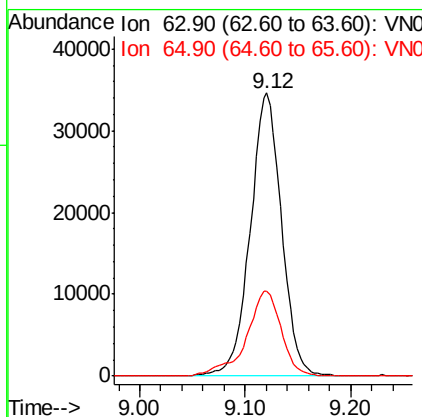
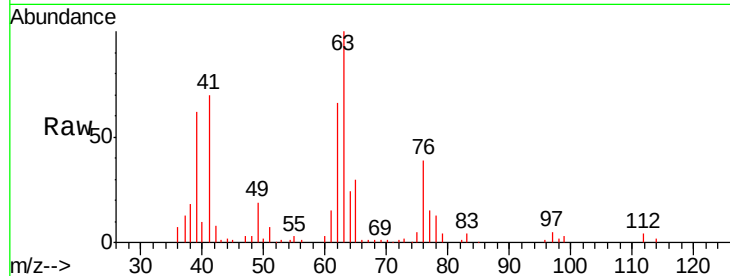
Time-->



#45  
 1,2-Dichloropropane  
 Concen: 20.22 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

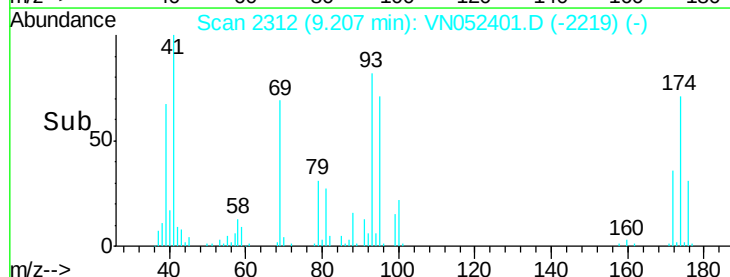
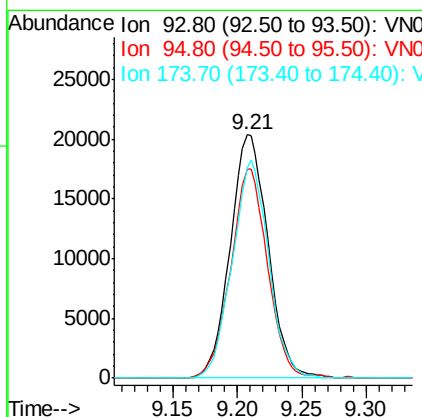
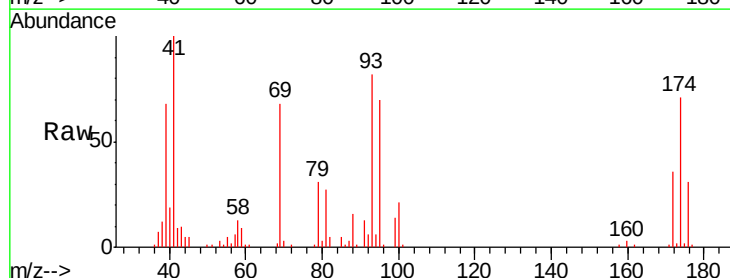
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBS01

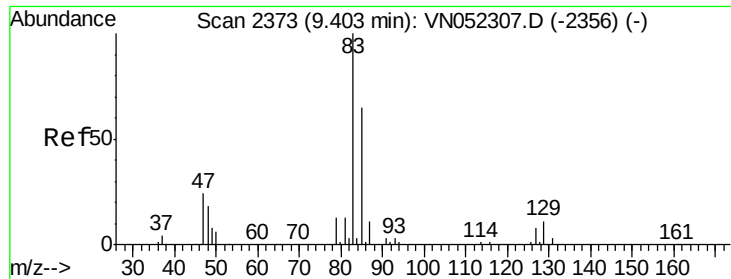
Tgt Ion: 63 Resp: 71627  
 Ion Ratio Lower Upper  
 63 100  
 65 30.2 24.2 36.4



#46  
 Dibromomethane  
 Concen: 20.28 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Tgt Ion: 93 Resp: 41590  
 Ion Ratio Lower Upper  
 93 100  
 95 83.5 64.2 96.2  
 174 86.0 70.9 106.3





#47

Bromodichloromethane

Concen: 21.51 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBS01

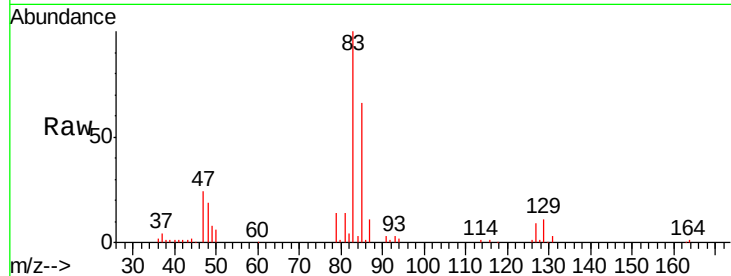
Tgt Ion: 83 Resp: 90532

Ion Ratio Lower Upper

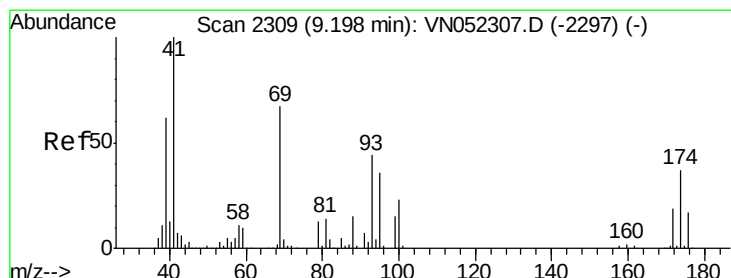
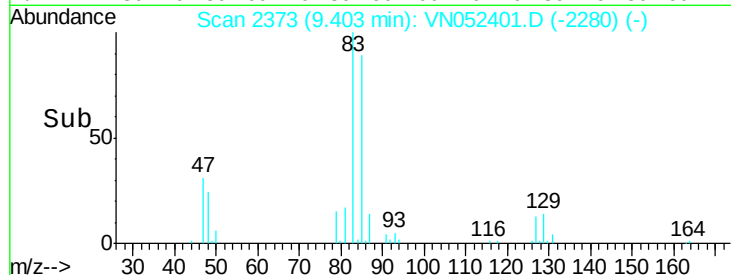
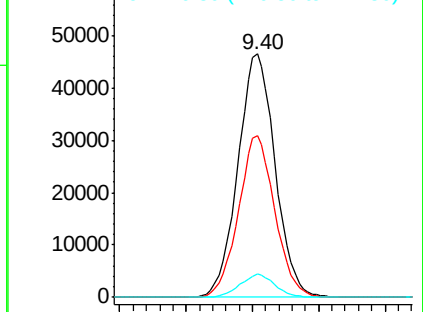
83 100

85 66.3 52.2 78.4

127 9.4 6.7 10.1



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



#48

Methyl methacrylate

Concen: 17.78 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

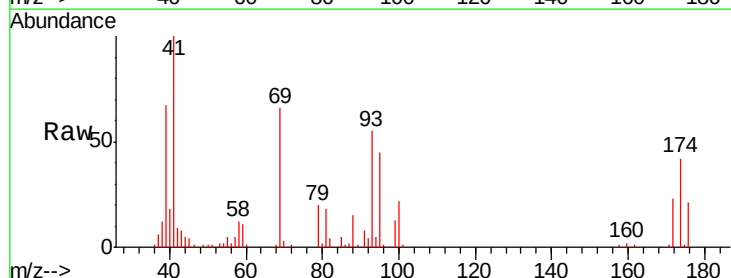
Tgt Ion: 41 Resp: 55215

Ion Ratio Lower Upper

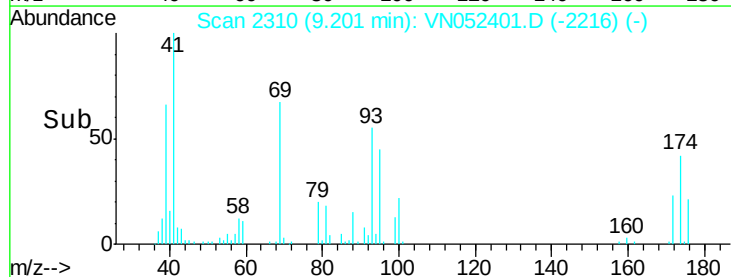
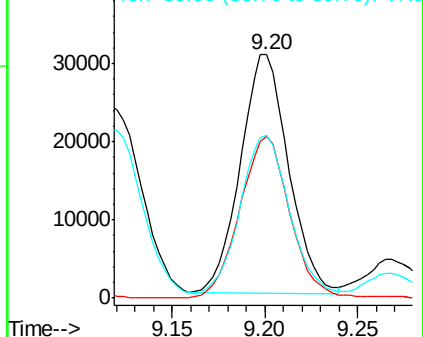
41 100

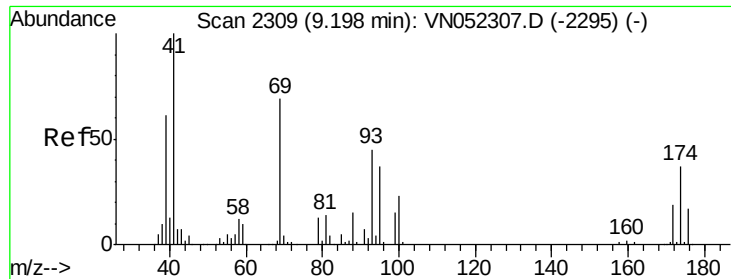
69 70.4 57.1 85.7

39 70.1 52.5 78.7



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

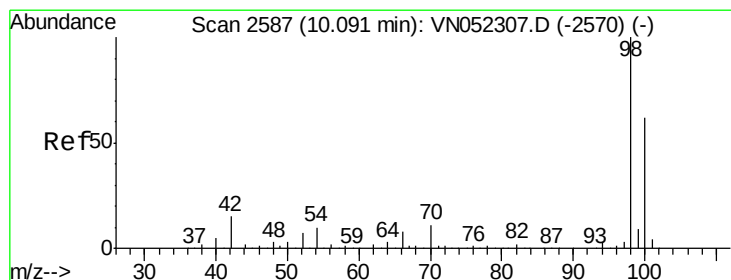
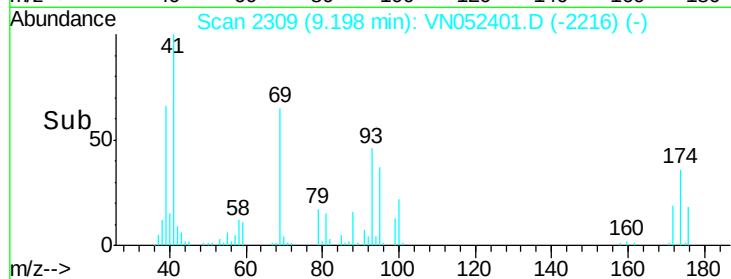
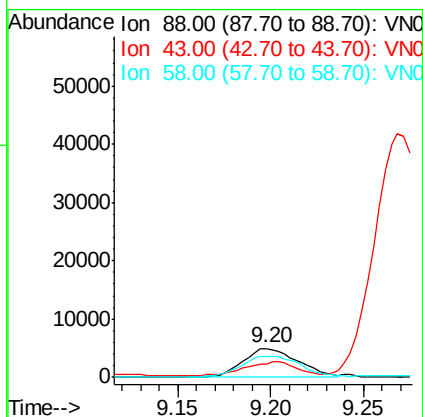
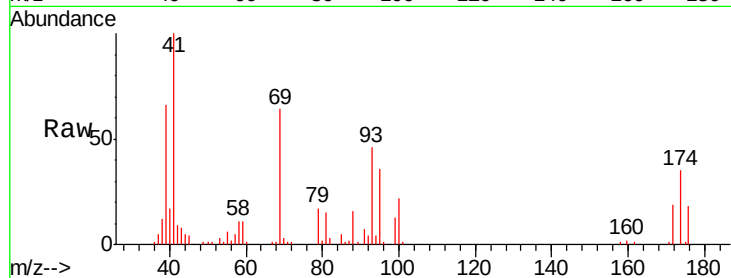




#49  
1,4-Dioxane  
Concen: 429.31 ug/l  
RT: 9.20 min Scan# 2309  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

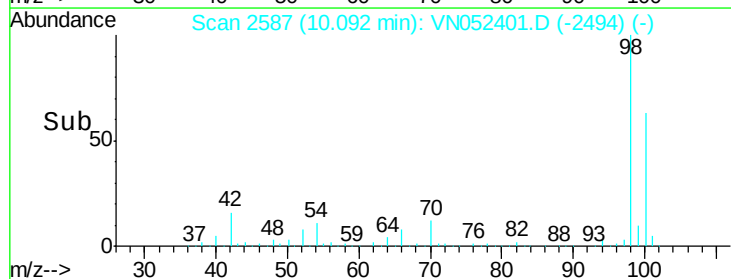
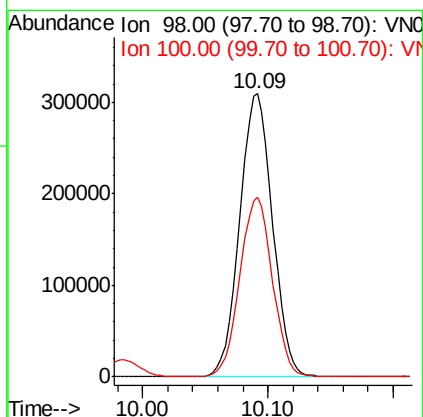
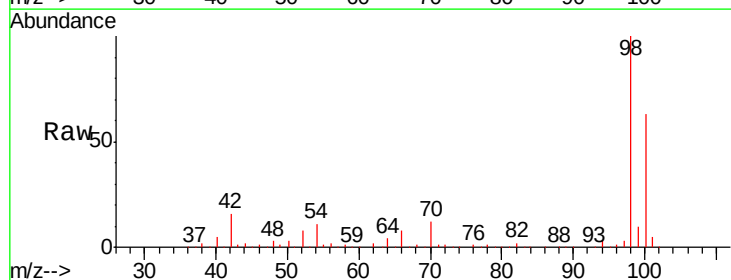
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBS01

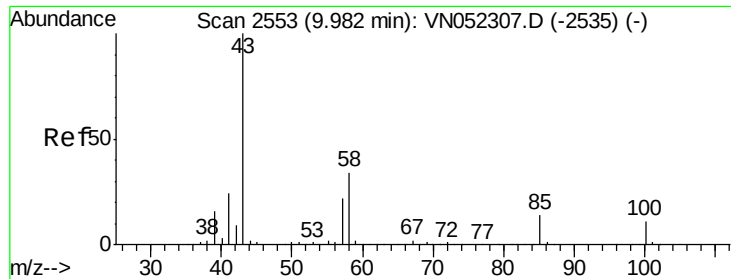
Tgt Ion: 88 Resp: 10232  
Ion Ratio Lower Upper  
88 100  
43 41.9 33.3 49.9  
58 81.3 59.2 88.8



#50  
Toluene-d8  
Concen: 429.31 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Tgt Ion: 98 Resp: 563784  
Ion Ratio Lower Upper  
98 100  
100 63.1 49.5 74.3





#51

4-Methyl-2-Pentanone

Concen: 102.51 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

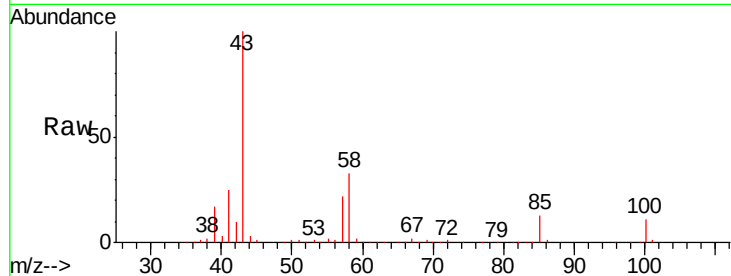
VN1120WBS01

Tgt Ion: 43 Resp: 315718

Ion Ratio Lower Upper

43 100

58 33.0 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-2535) (-)

9.99

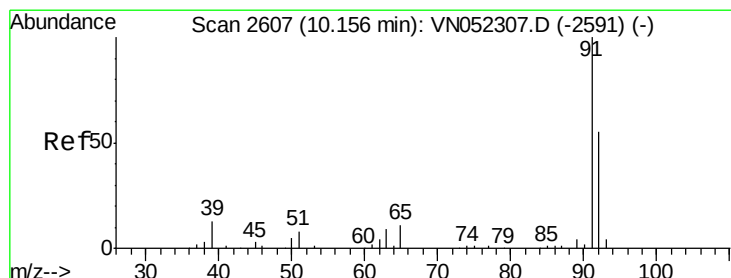
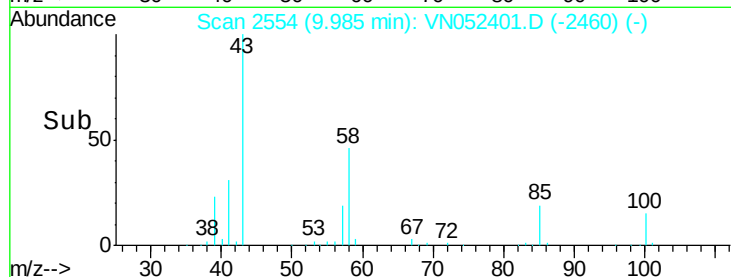
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.33 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052401.D

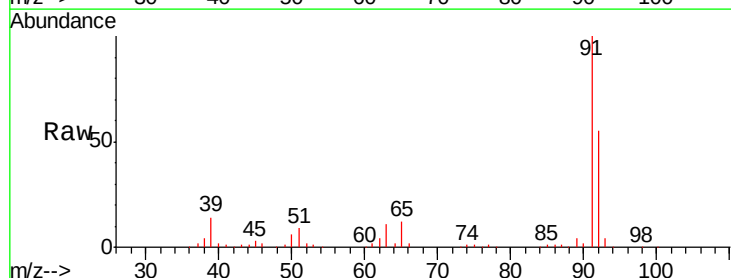
Acq: 20 Nov 2018 12:25

Tgt Ion: 92 Resp: 151827

Ion Ratio Lower Upper

92 100

91 177.8 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN052307.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN052307.D (-2591) (-)

10.16

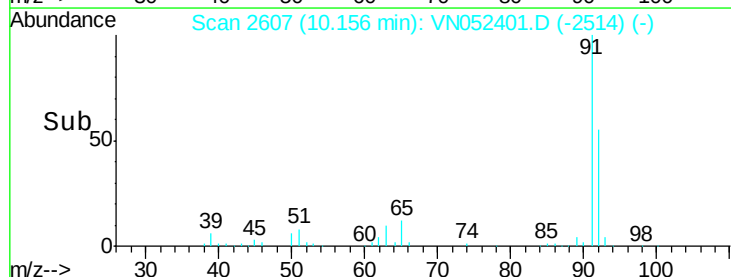
150000

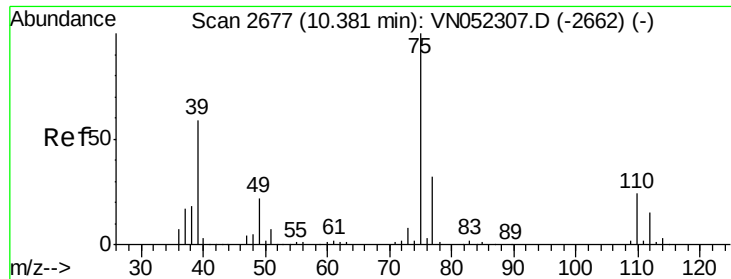
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.48 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

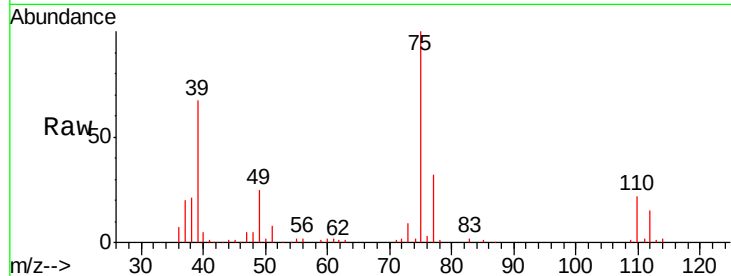
VN1120WBS01

Tgt Ion: 75 Resp: 82685

Ion Ratio Lower Upper

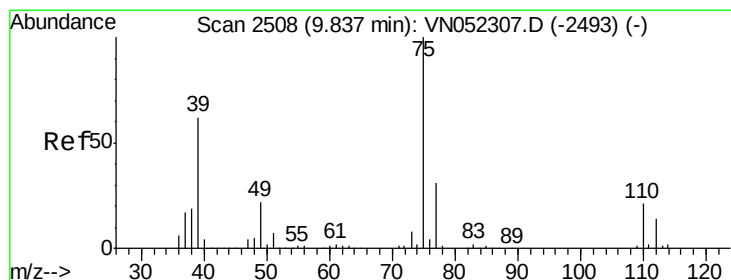
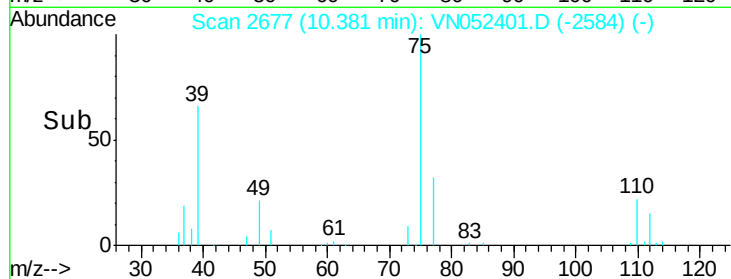
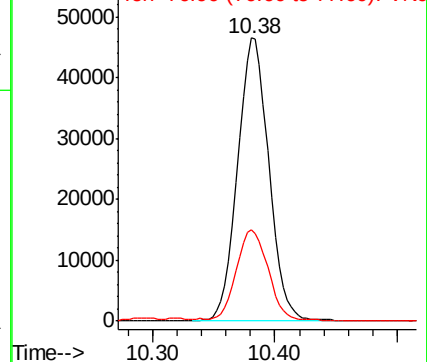
75 100

77 32.2 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.83 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

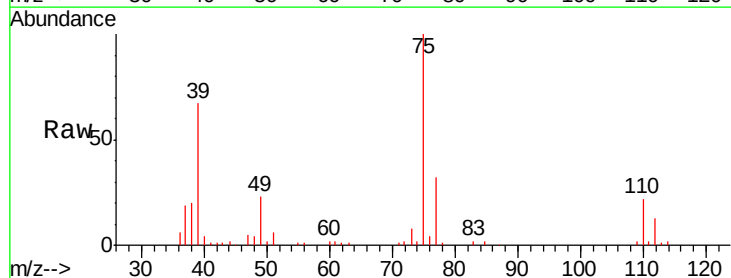
Tgt Ion: 75 Resp: 95918

Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

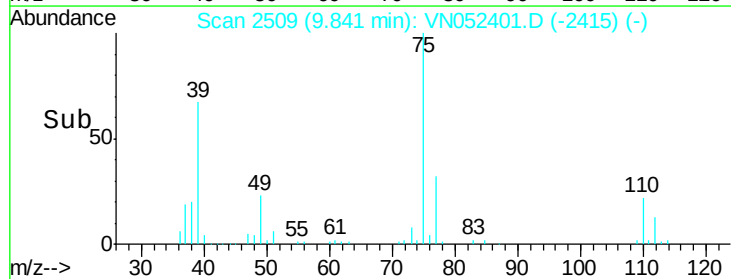
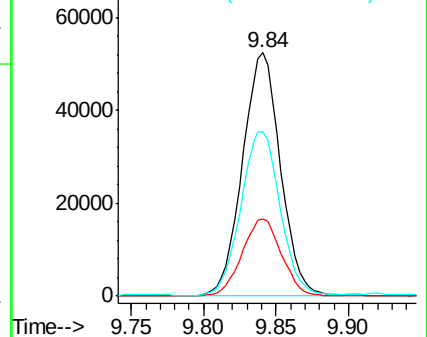
39 67.5 49.9 74.9

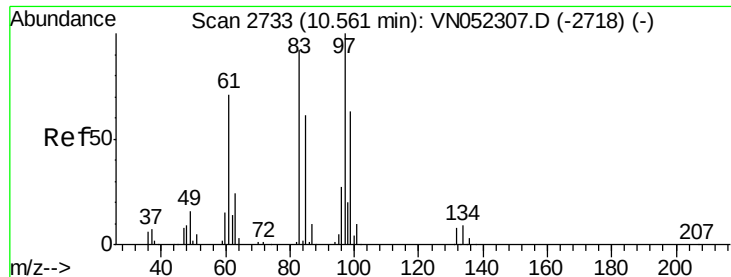


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.37 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampled :

VN1120WBS01

Tgt Ion: 97 Resp: 52438

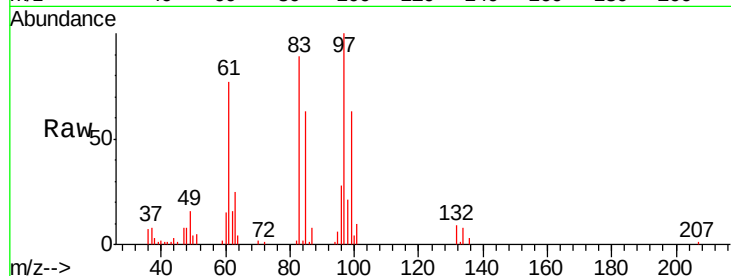
Ion Ratio Lower Upper

97 100

83 88.8 73.8 110.6

85 62.8 49.0 73.4

99 63.5 50.5 75.7

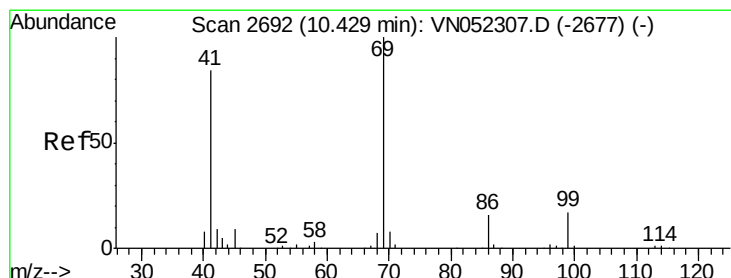
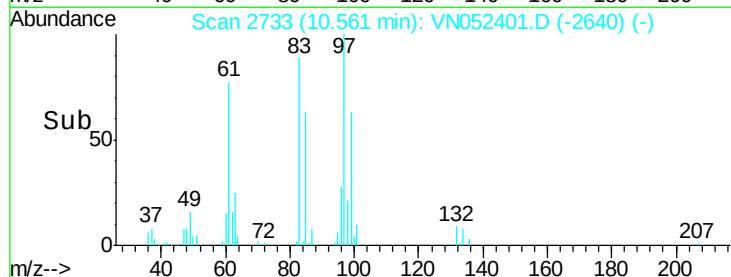
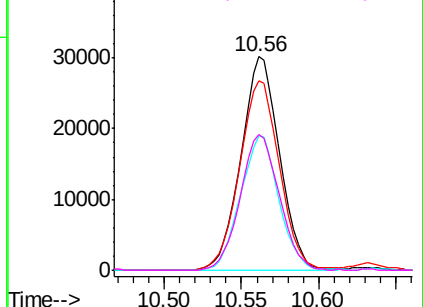


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 18.27 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

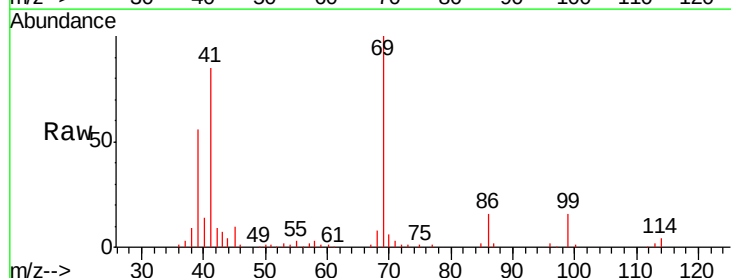
Tgt Ion: 69 Resp: 65035

Ion Ratio Lower Upper

69 100

41 84.4 64.8 97.2

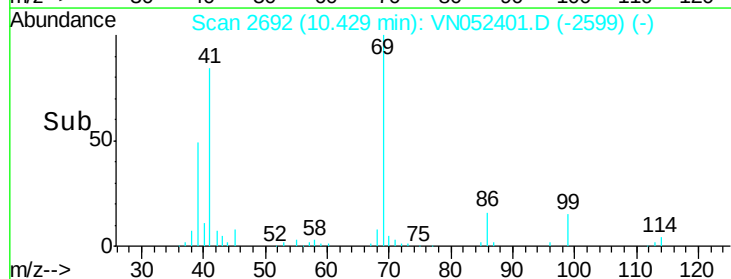
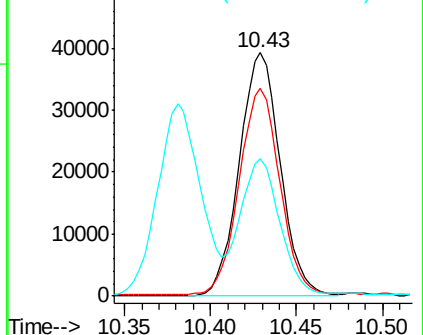
39 53.3 41.0 61.6



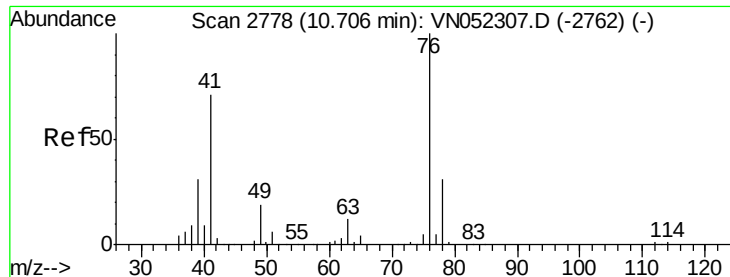
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



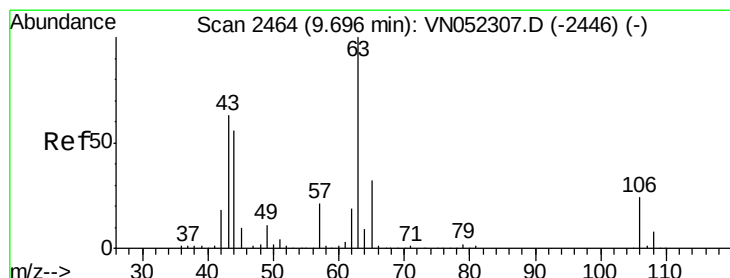
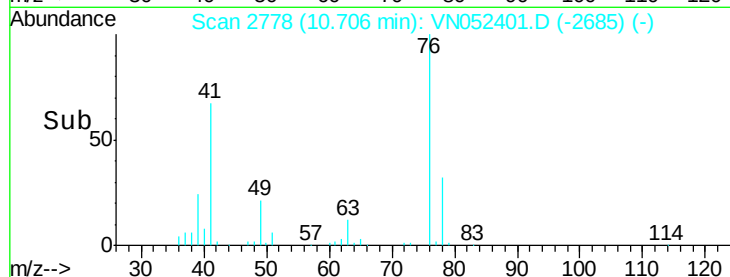
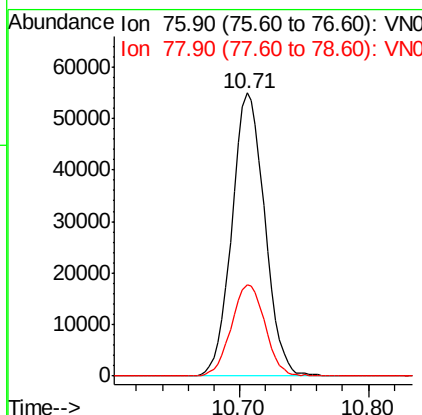
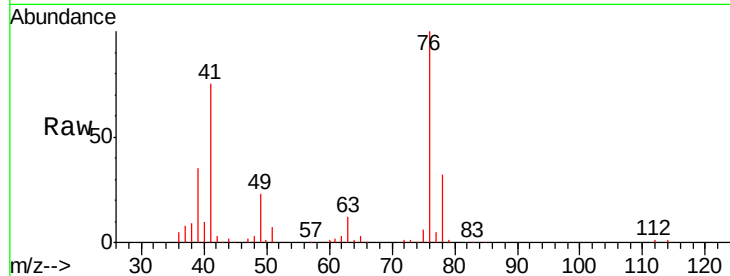




#57  
 1,3-Dichloropropane  
 Concen: 20.24 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

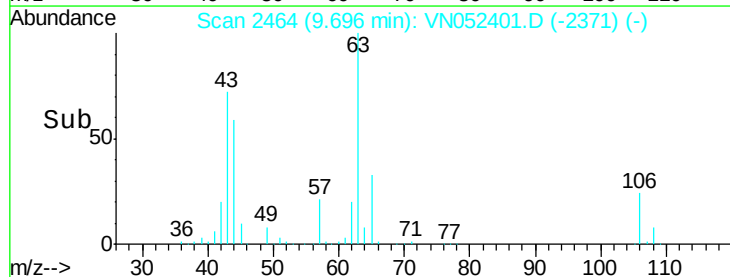
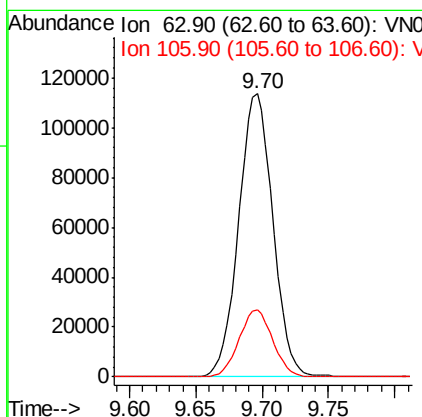
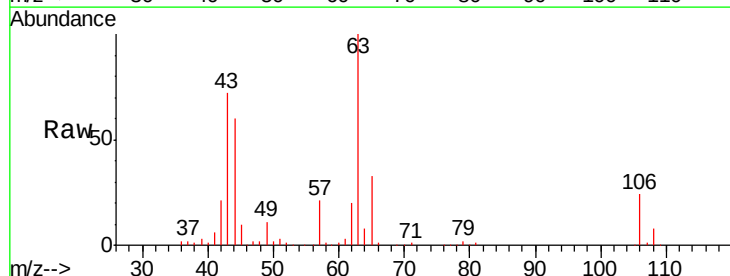
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1120WBS01

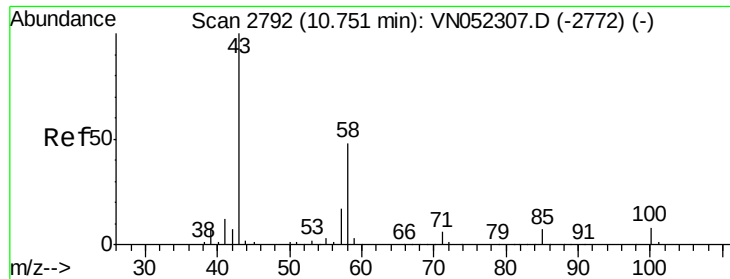
Tgt Ion: 76 Resp: 97048  
 Ion Ratio Lower Upper  
 76 100  
 78 33.2 25.7 38.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 100.50 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Tgt Ion: 63 Resp: 203683  
 Ion Ratio Lower Upper  
 63 100  
 106 23.4 19.3 28.9

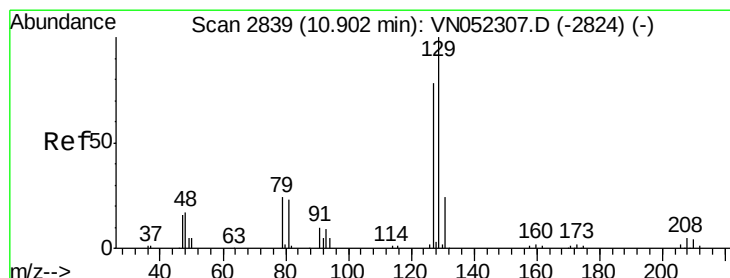
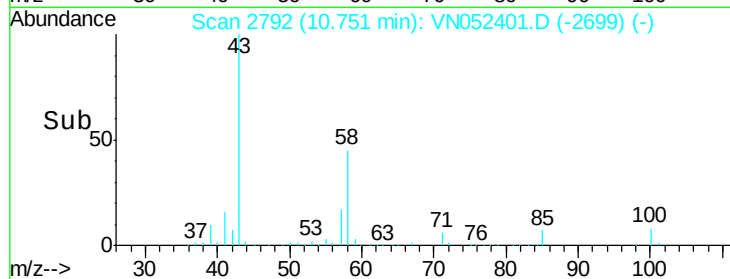
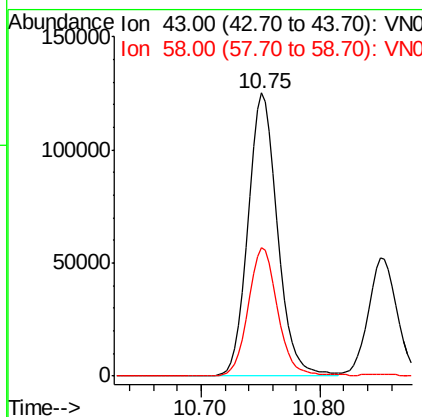
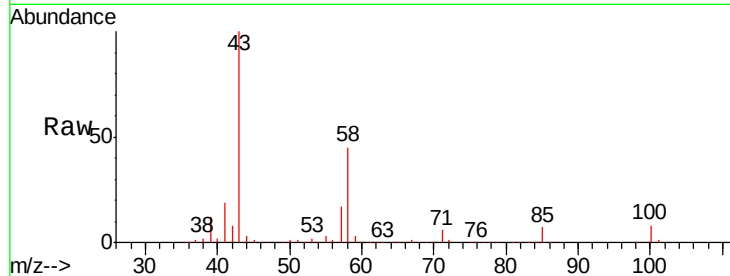




#59  
2-Hexanone  
Concen: 100.54 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

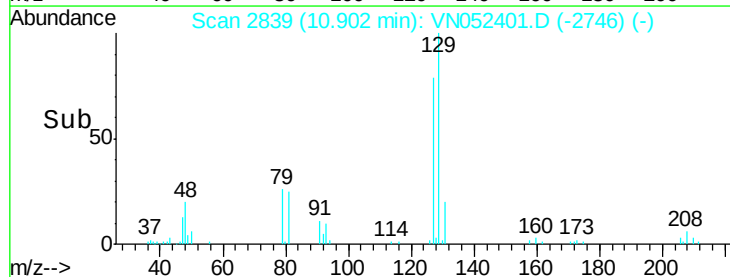
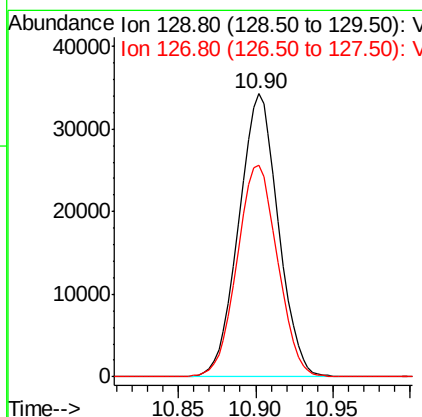
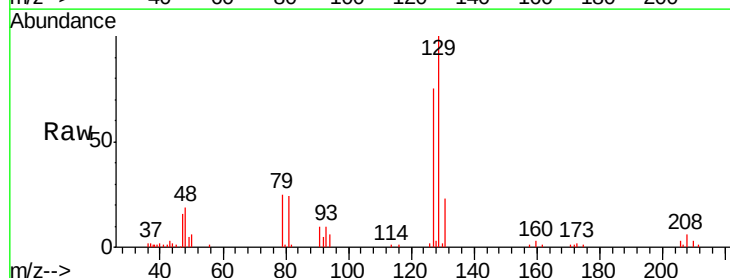
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBS01

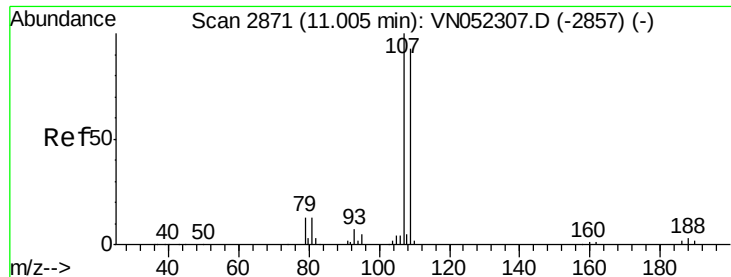
Tgt Ion: 43 Resp: 213000  
Ion Ratio Lower Upper  
43 100  
58 45.8 23.5 70.6



#60  
Dibromochloromethane  
Concen: 20.78 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Tgt Ion: 129 Resp: 60854  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.11 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

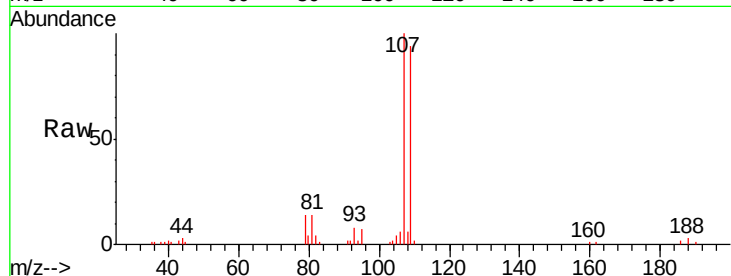
VN1120WBS01

Tgt Ion: 107 Resp: 51513

Ion Ratio Lower Upper

107 100

109 94.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

30000

25000

20000

15000

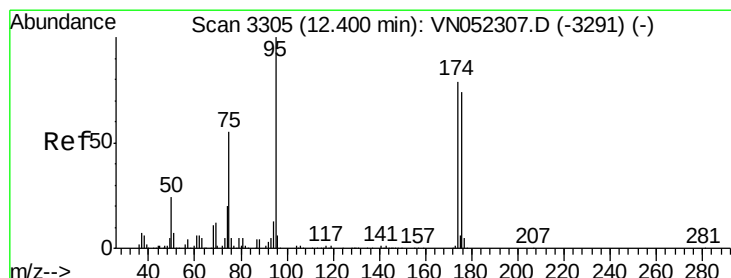
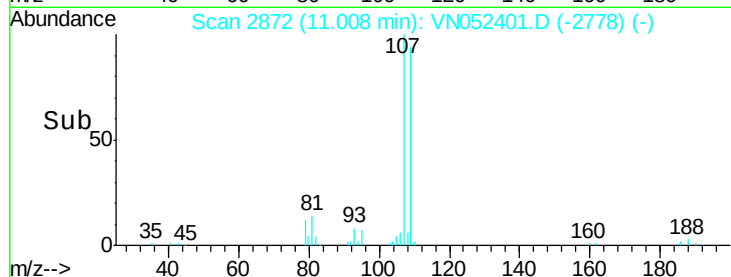
10000

5000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 19.11 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

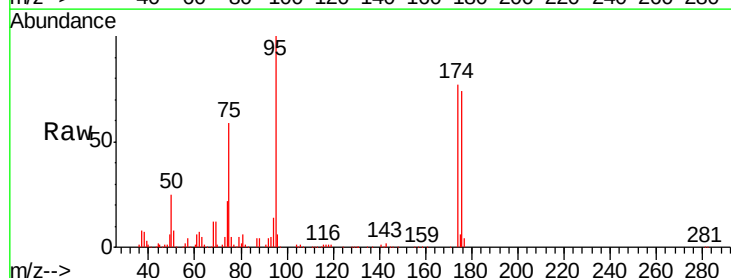
Tgt Ion: 95 Resp: 189559

Ion Ratio Lower Upper

95 100

174 75.3 0.0 156.0

176 72.9 0.0 148.4



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

150000

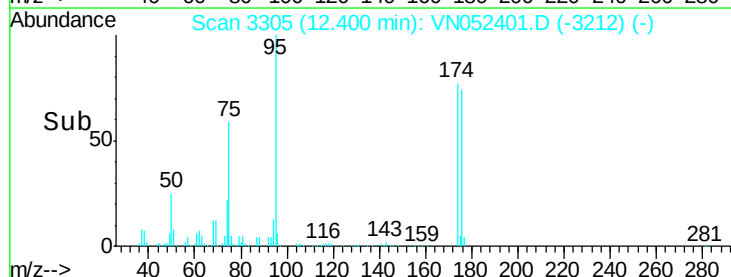
100000

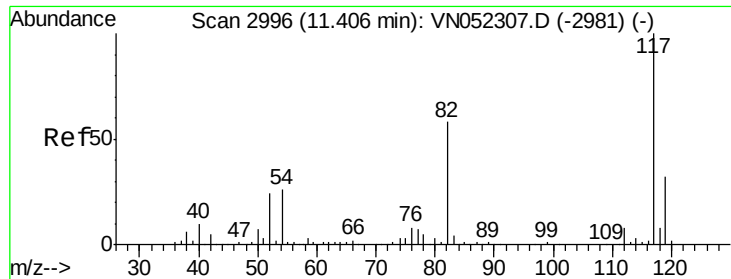
50000

0

Time-->

12.35 12.40 12.45

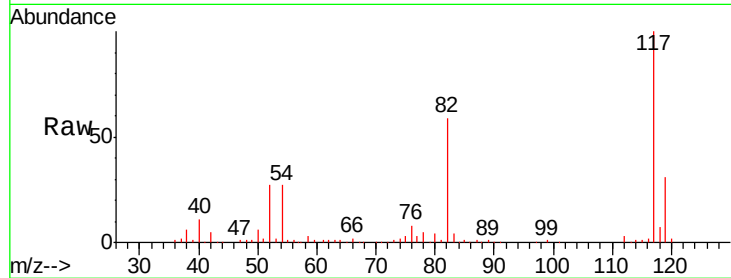




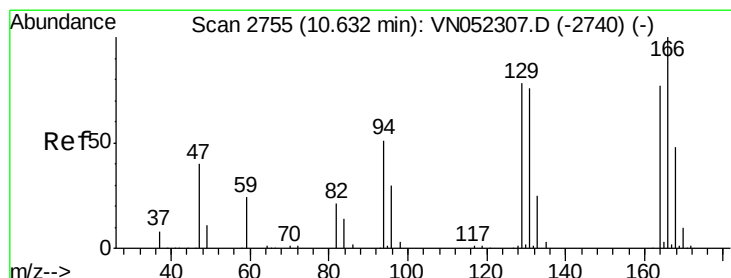
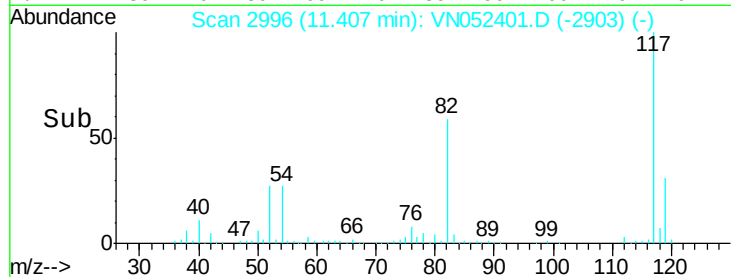
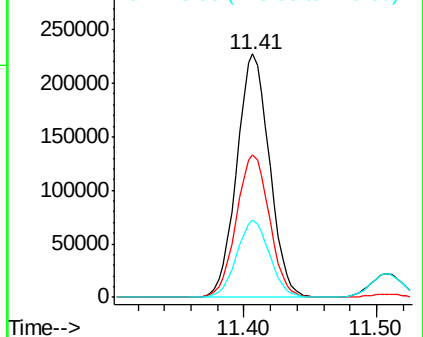
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBS01

Tgt Ion:117 Resp: 388422  
Ion Ratio Lower Upper  
117 100  
82 58.7 46.5 69.7  
119 31.5 25.7 38.5

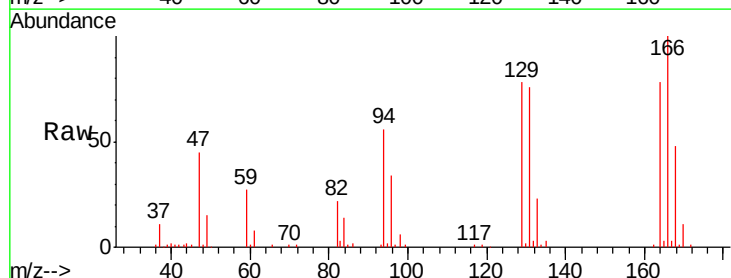


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

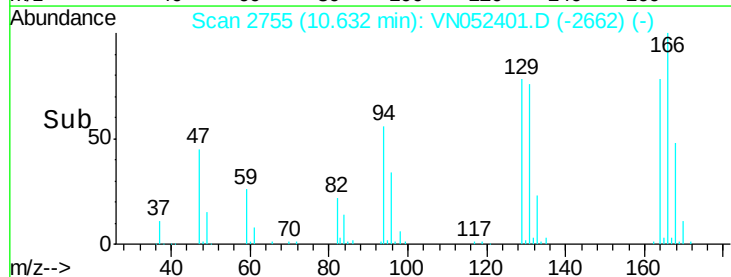
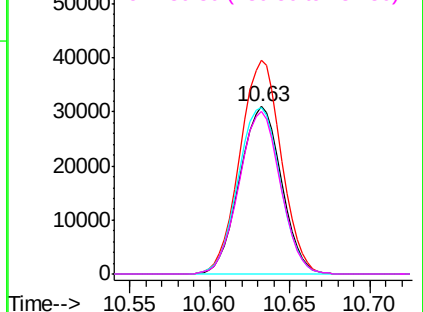


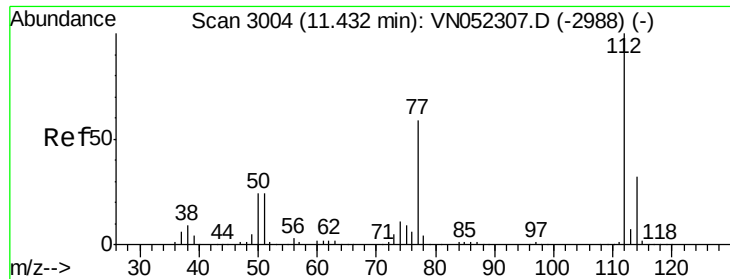
#64  
Tetrachloroethene  
Concen: 19.97 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Tgt Ion:164 Resp: 55148  
Ion Ratio Lower Upper  
164 100  
166 127.8 103.8 155.6  
129 99.6 80.7 121.1  
131 97.2 78.5 117.7



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

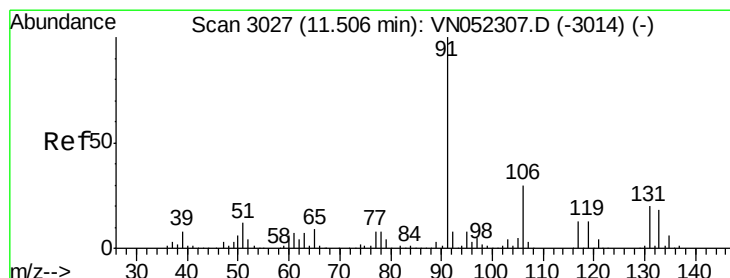
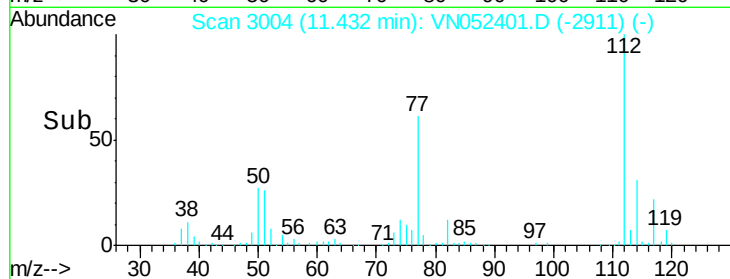
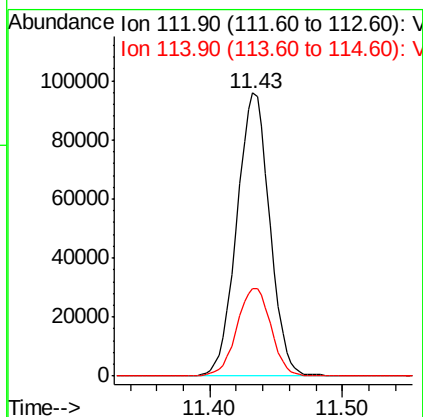
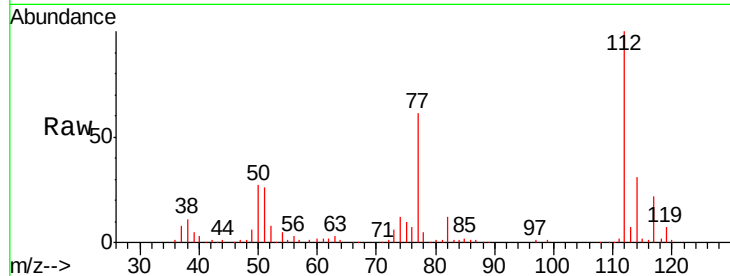




#65  
Chlorobenzene  
Concen: 20.11 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

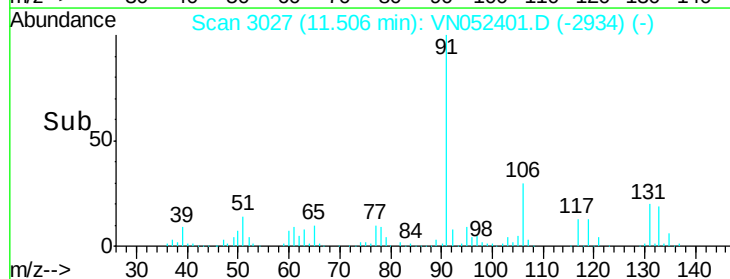
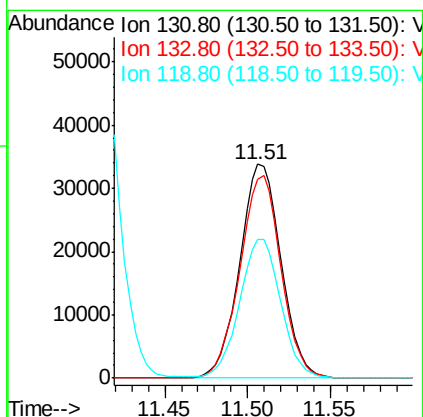
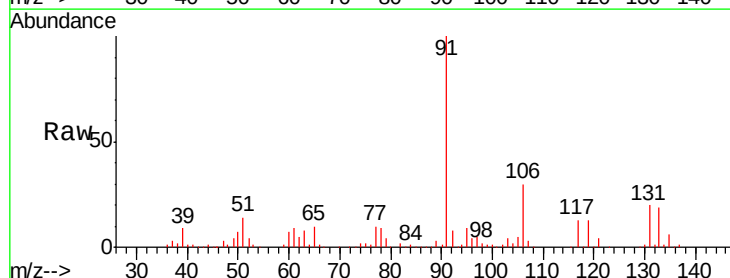
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1120WBS01

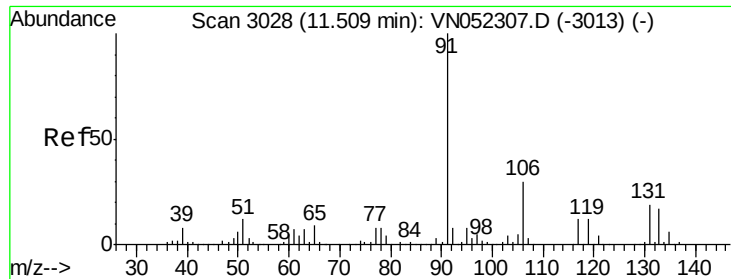
Tgt Ion:112 Resp: 165071  
Ion Ratio Lower Upper  
112 100  
114 30.9 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.95 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Tgt Ion:131 Resp: 58641  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.4 142.3  
119 64.7 33.3 99.9

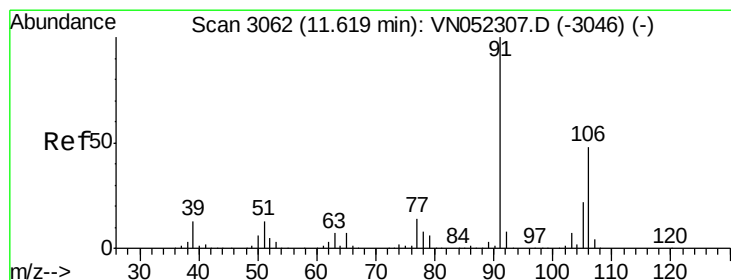
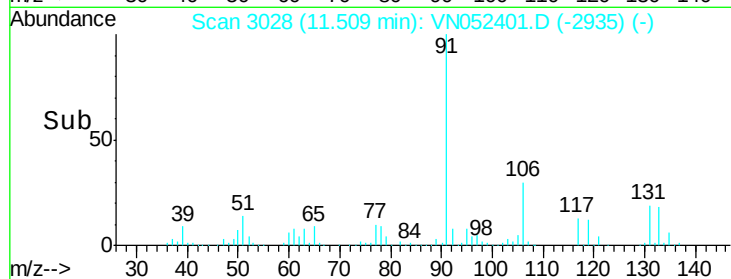
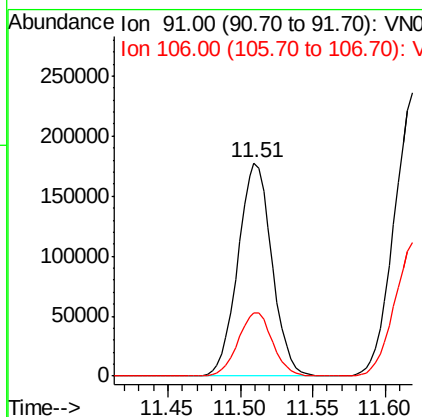
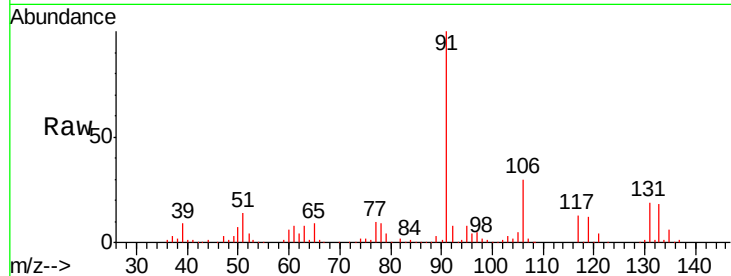




#67  
 Ethyl Benzene  
 Concen: 20.30 ug/l  
 RT: 11.51 min Scan# 3028  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

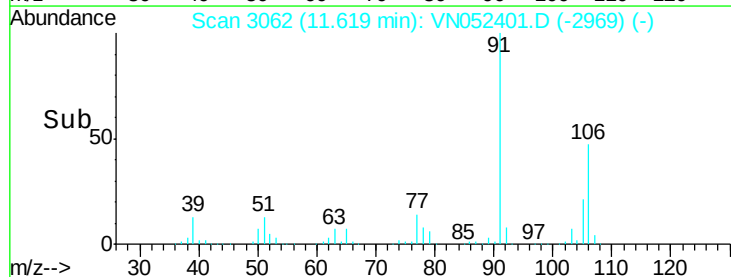
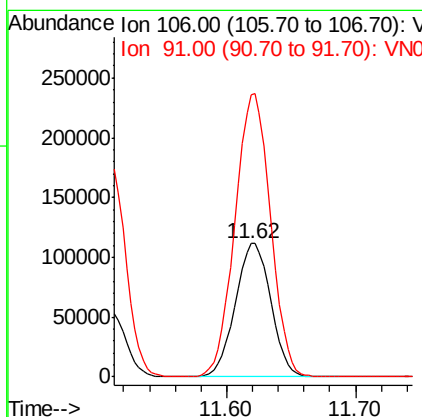
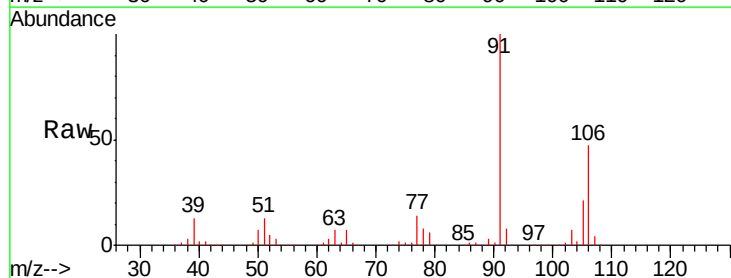
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1120WBS01

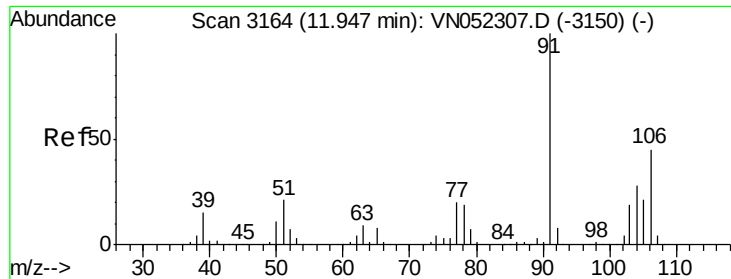
Tgt Ion: 91 Resp: 289267  
 Ion Ratio Lower Upper  
 91 100  
 106 30.0 24.2 36.2



#68  
 m/p-Xylenes  
 Concen: 41.04 ug/l  
 RT: 11.62 min Scan# 3062  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Tgt Ion: 106 Resp: 213668  
 Ion Ratio Lower Upper  
 106 100  
 91 211.8 165.5 248.3

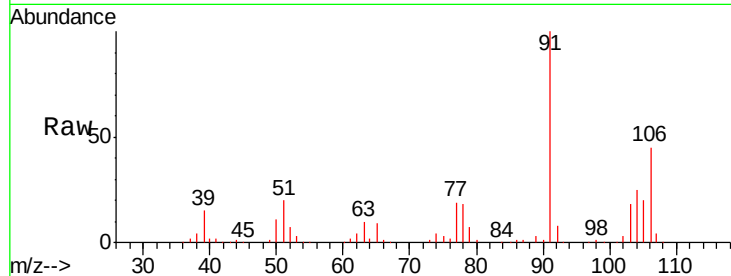




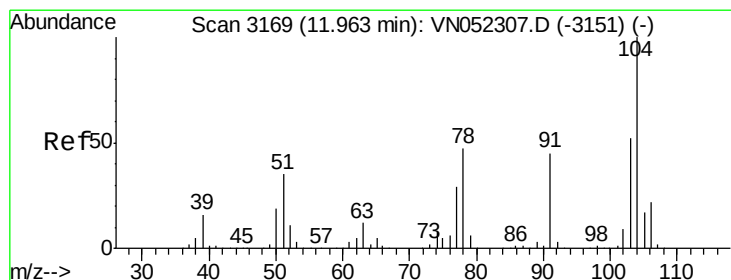
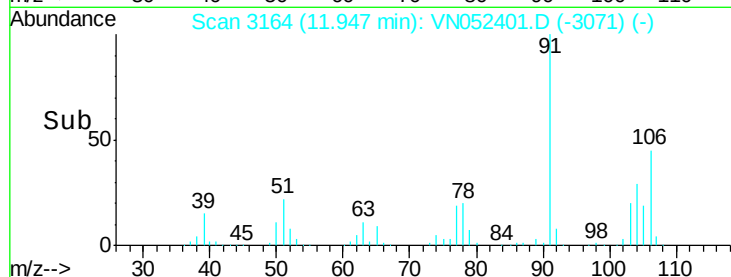
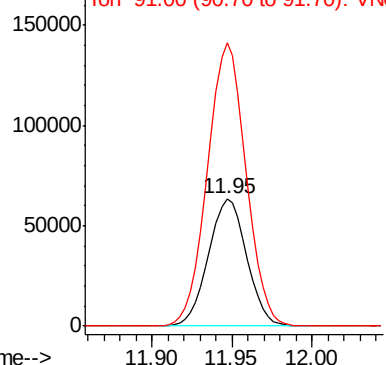
#69  
o-Xylene  
Concen: 20.78 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBS01

Tgt Ion:106 Resp: 103711  
Ion Ratio Lower Upper  
106 100  
91 223.4 110.0 330.0

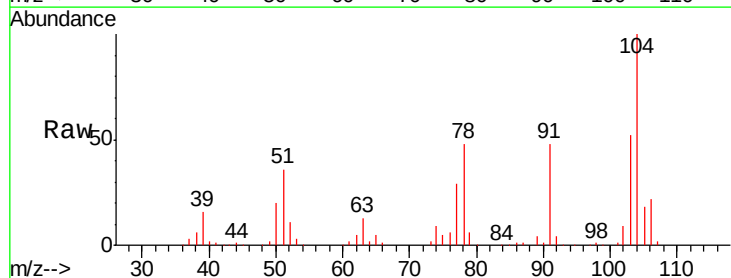


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

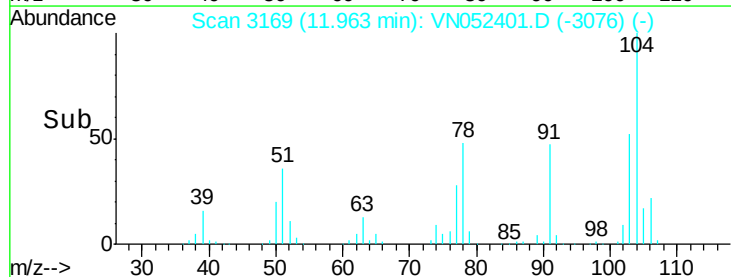
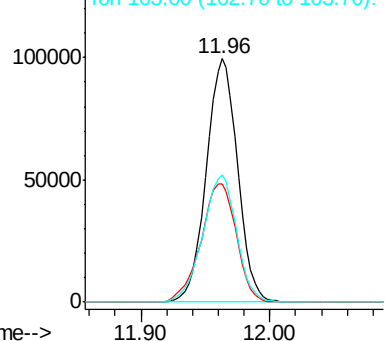


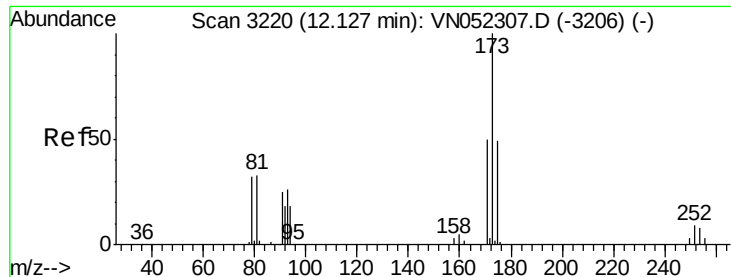
#70  
Styrene  
Concen: 20.94 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN052401.D  
Acq: 20 Nov 2018 12:25

Tgt Ion:104 Resp: 167311  
Ion Ratio Lower Upper  
104 100  
78 54.9 42.7 64.1  
103 56.6 45.4 68.0



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





#71

Bromoform

Concen: 21.71 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampled :

VN1120WBS01

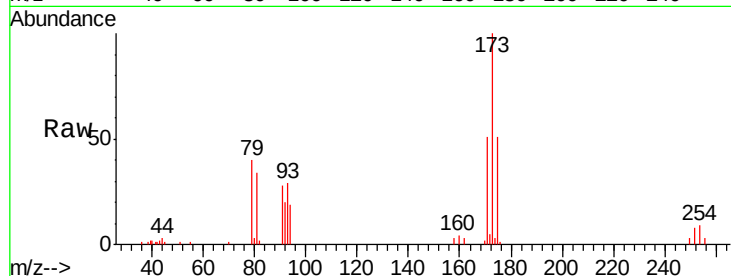
Tgt Ion:173 Resp: 35895

Ion Ratio Lower Upper

173 100

175 48.8 25.0 75.0

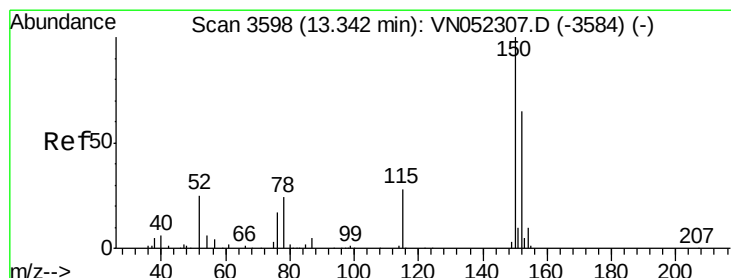
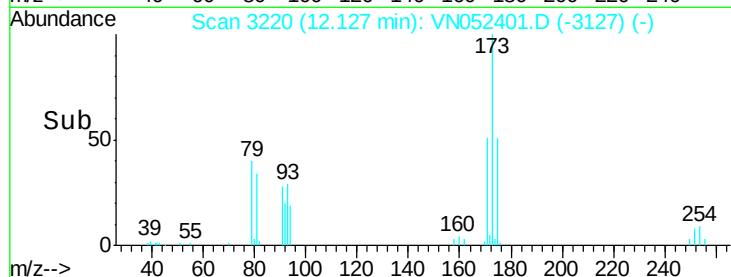
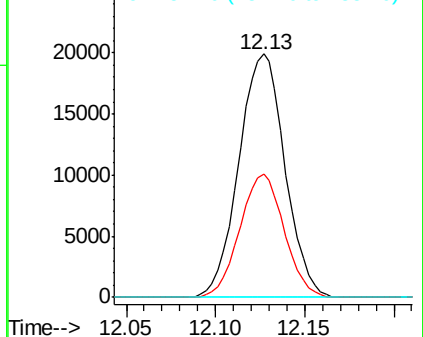
254 0.0 0.0 0.0



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: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

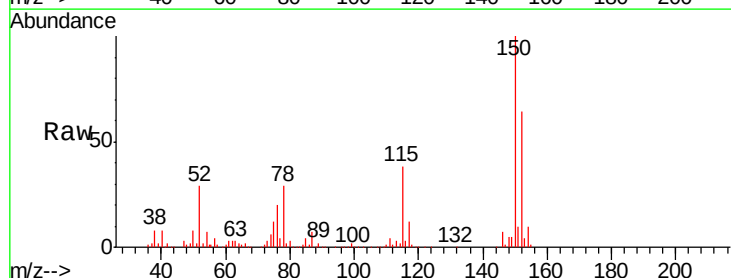
Tgt Ion:152 Resp: 174722

Ion Ratio Lower Upper

152 100

115 60.3 30.3 91.0

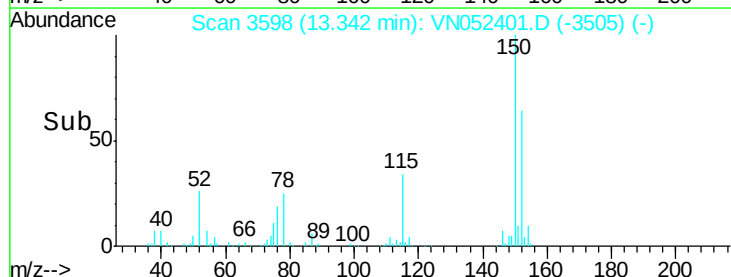
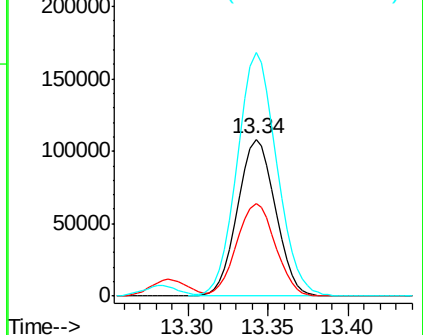
150 162.7 0.0 348.2



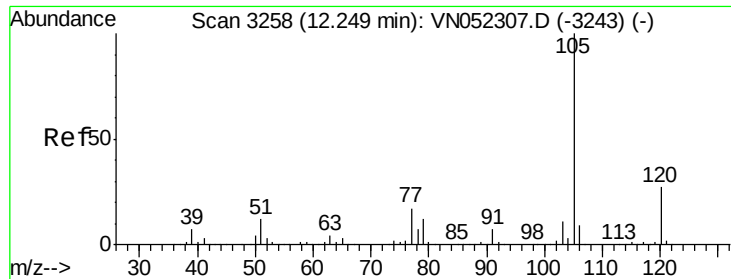
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 20.04 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

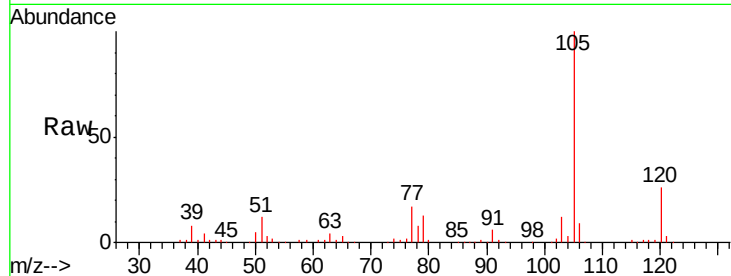
VN1120WBS01

Tgt Ion: 105 Resp: 281537

Ion Ratio Lower Upper

105 100

120 25.3 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

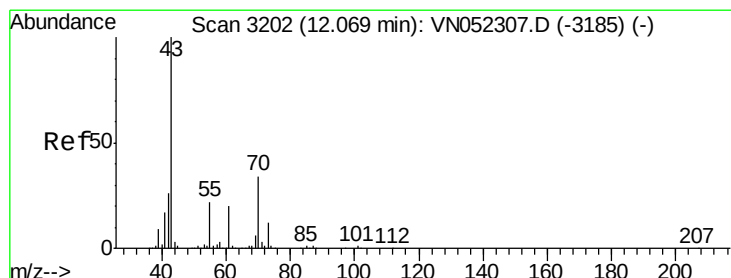
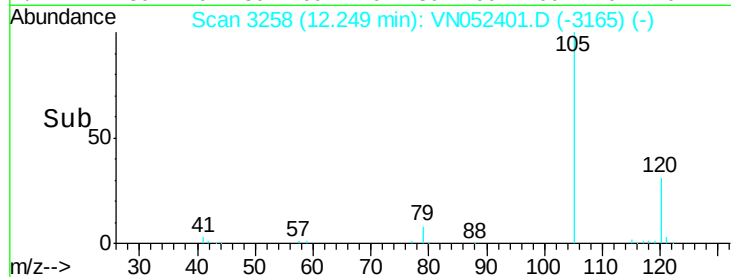
100000

50000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 17.59 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Tgt Ion: 43 Resp: 88006

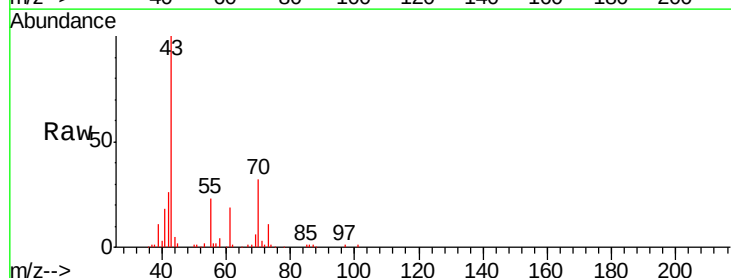
Ion Ratio Lower Upper

43 100

70 33.4 27.1 40.7

55 23.5 17.4 26.0

61 20.0 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

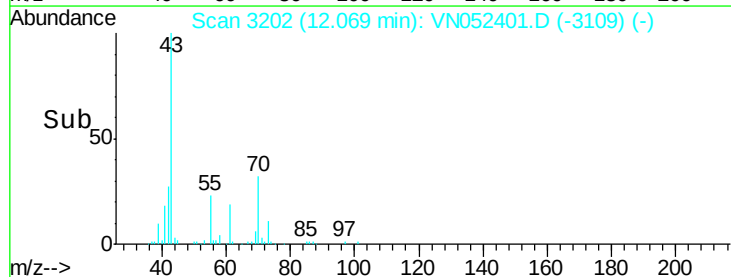
40000

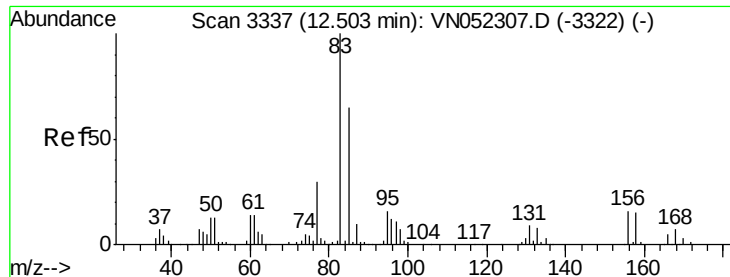
20000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.53 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampled :

VN1120WBS01

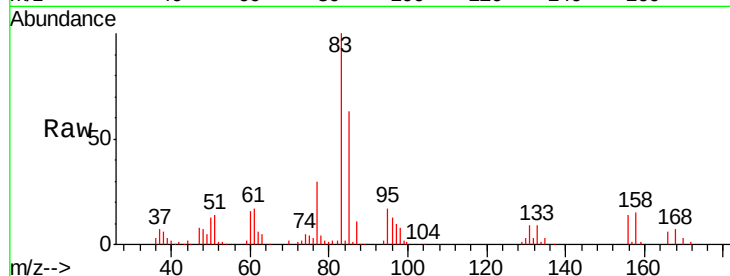
Tgt Ion: 83 Resp: 66330

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.1

85 62.1 32.4 97.2

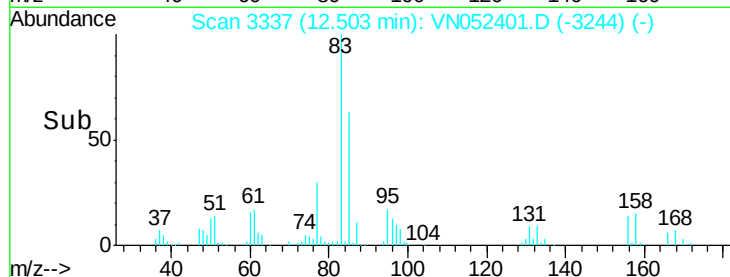


Abundance Ion 82.90 (82.60 to 83.60): VN052401.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN052401.D (-3244) (-)

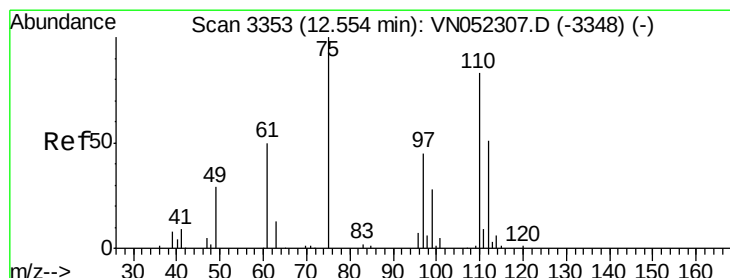
Ion 84.90 (84.60 to 85.60): VN052401.D (-3244) (-)

Time-->



12.50

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.53 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052401.D

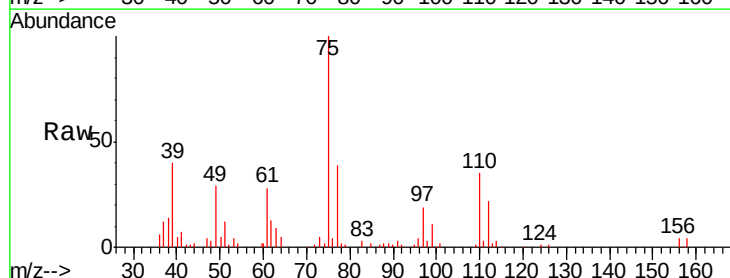
Acq: 20 Nov 2018 12:25

Tgt Ion: 75 Resp: 84577

Ion Ratio Lower Upper

75 100

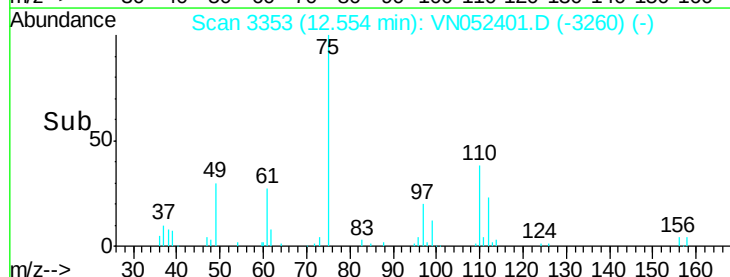
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052401.D (-3260) (-)

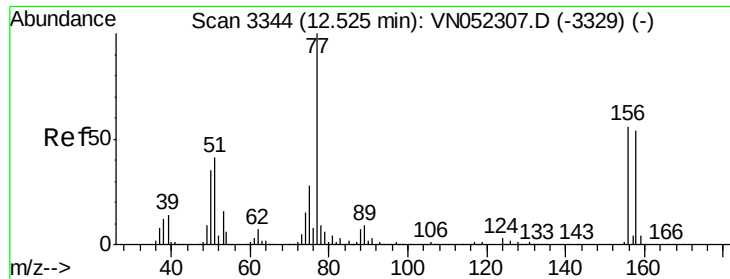
Ion 77.00 (76.70 to 77.70): VN052401.D (-3260) (-)

Time-->



12.55

Time-->



#77

Bromobenzene

Concen: 19.50 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBS01

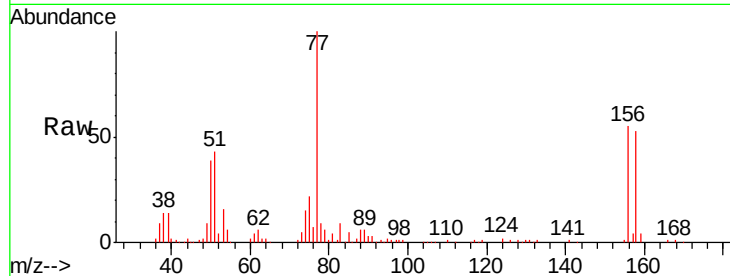
Tgt Ion:156 Resp: 63749

Ion Ratio Lower Upper

156 100

77 211.5 103.6 310.9

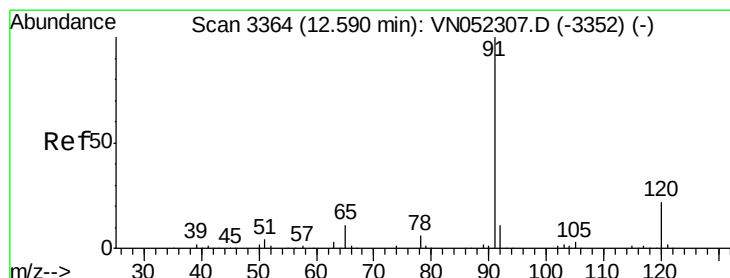
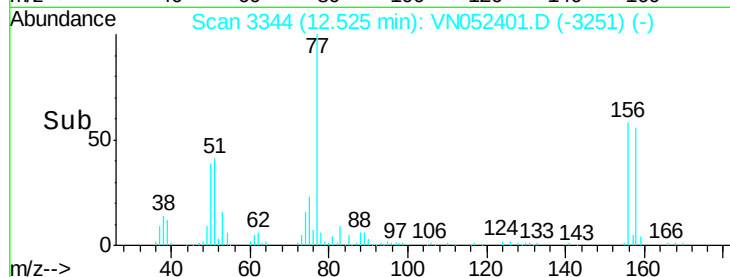
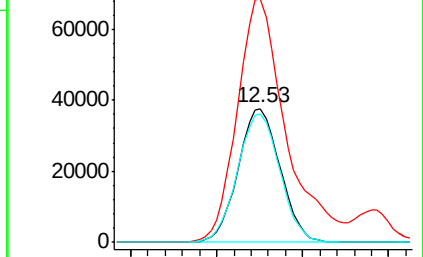
158 97.1 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.46 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052401.D

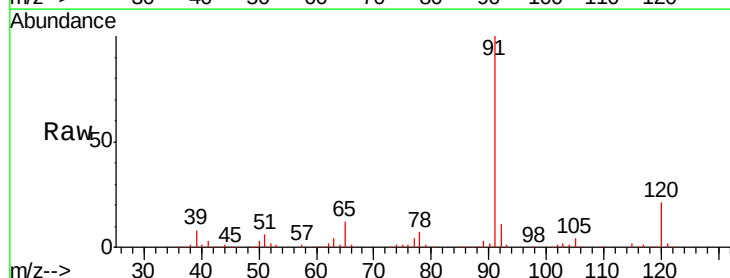
Acq: 20 Nov 2018 12:25

Tgt Ion: 91 Resp: 336189

Ion Ratio Lower Upper

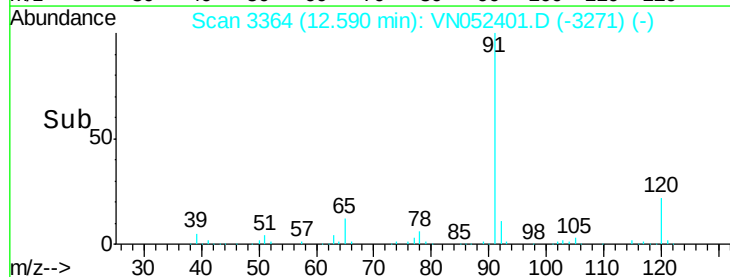
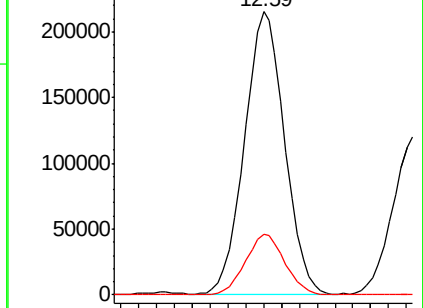
91 100

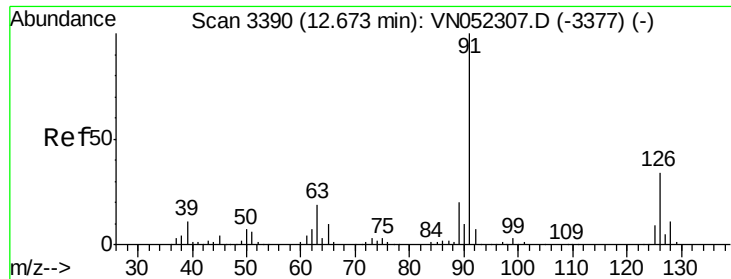
120 21.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

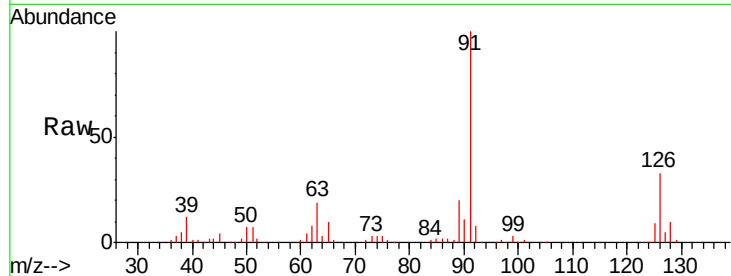




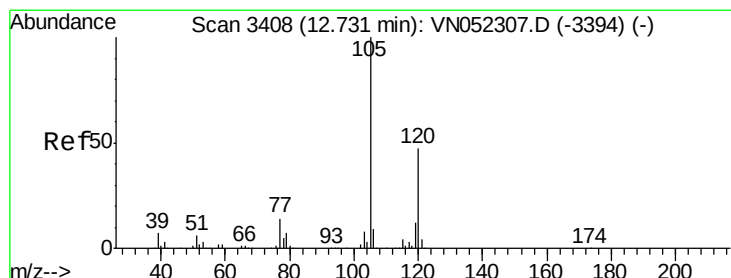
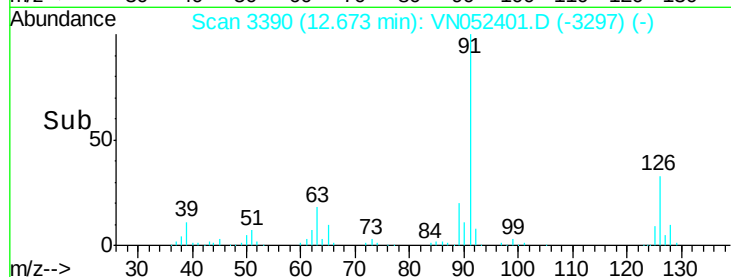
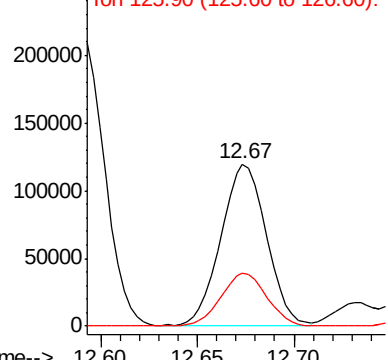
#79  
 2-Chlorotoluene  
 Concen: 20.42 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBS01

Tgt Ion: 91 Resp: 195972  
 Ion Ratio Lower Upper  
 91 100  
 126 33.1 17.0 51.0

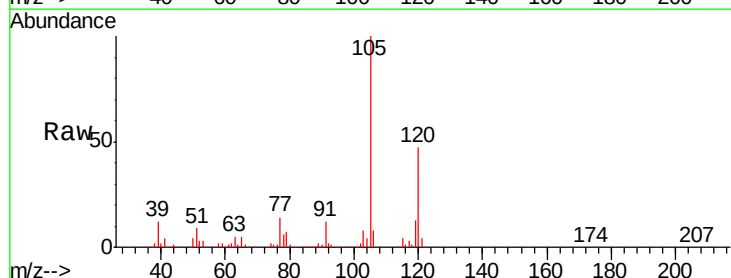


Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3377) (-)  
 Ion 125.90 (125.60 to 126.60): VN052307.D (-3377) (-)

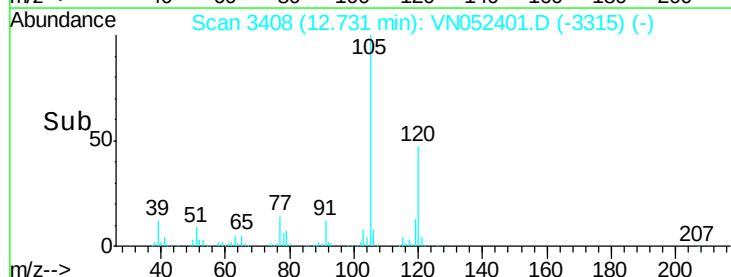
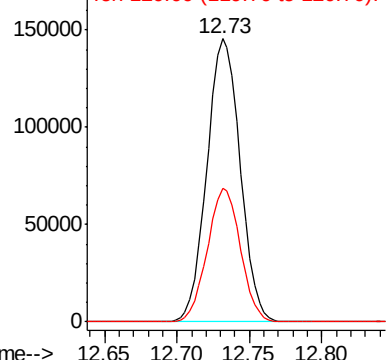


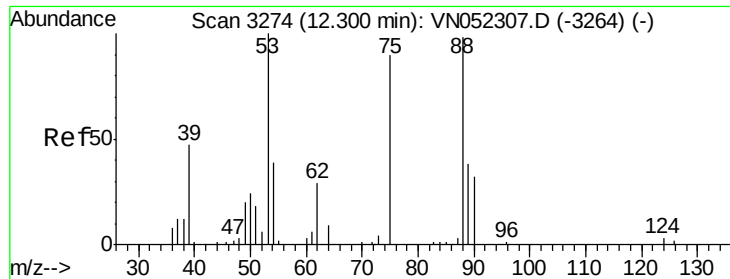
#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.73 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Tgt Ion: 105 Resp: 231629  
 Ion Ratio Lower Upper  
 105 100  
 120 46.8 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052307.D (-3394) (-)  
 Ion 120.00 (119.70 to 120.70): VN052307.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.00 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBS01

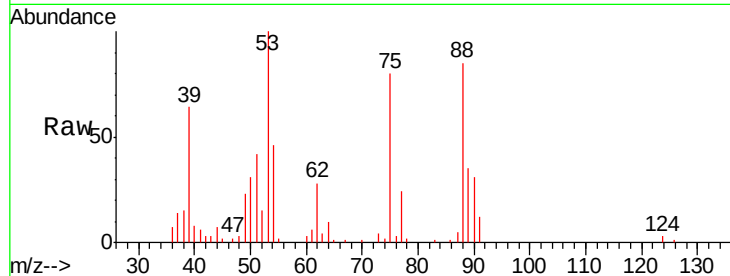
Tgt Ion: 75 Resp: 16449

Ion Ratio Lower Upper

75 100

53 124.4 90.2 135.2

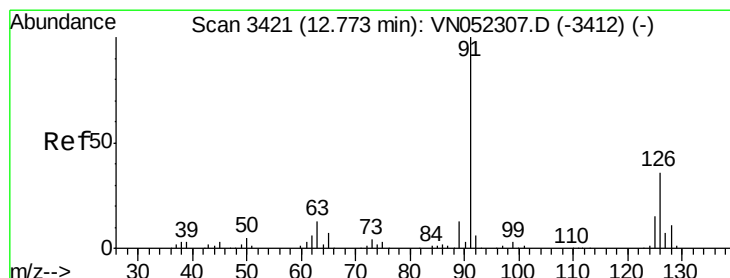
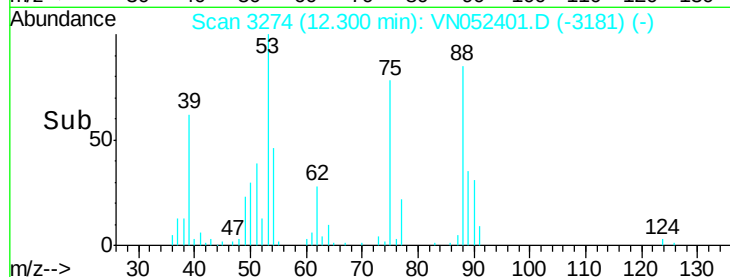
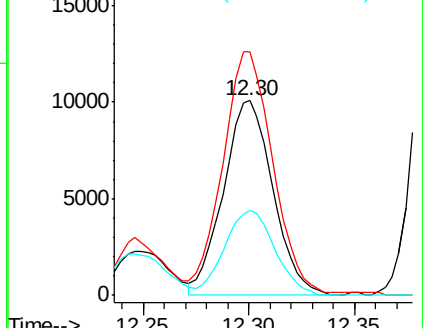
89 44.0 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.05 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052401.D

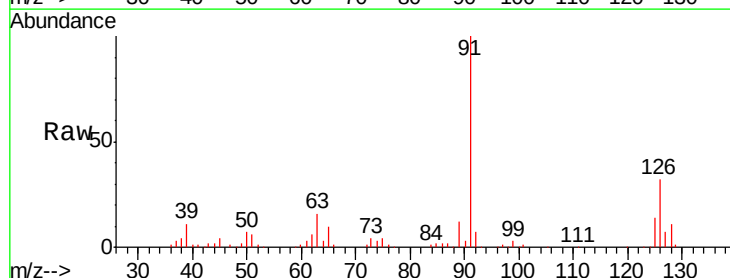
Acq: 20 Nov 2018 12:25

Tgt Ion: 91 Resp: 197143

Ion Ratio Lower Upper

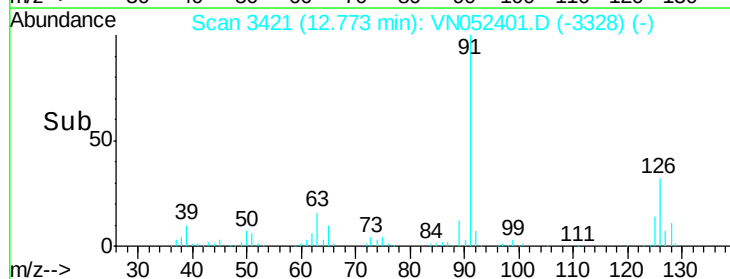
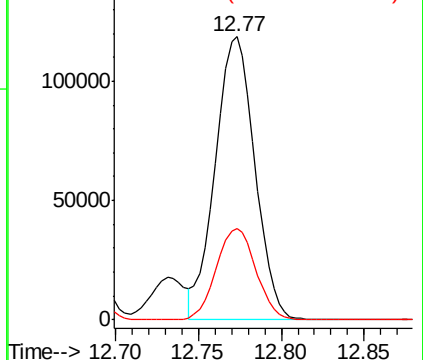
91 100

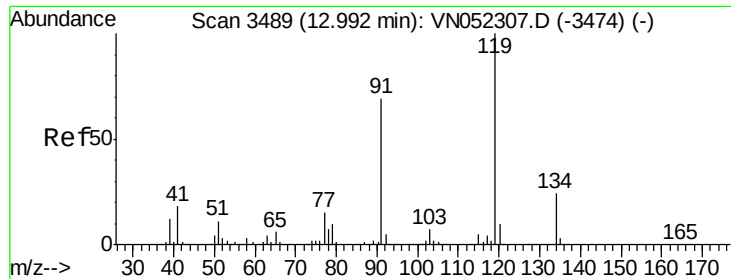
126 32.4 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.15 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBS01

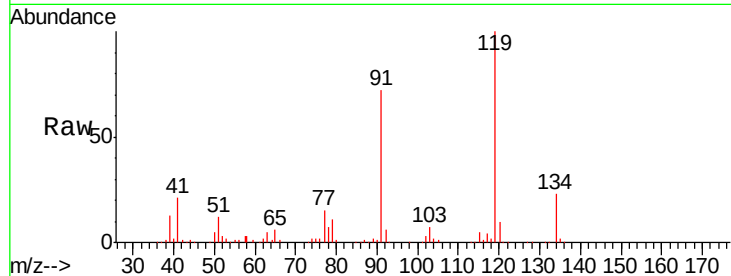
Tgt Ion:119 Resp: 198761

Ion Ratio Lower Upper

119 100

91 69.8 33.8 101.3

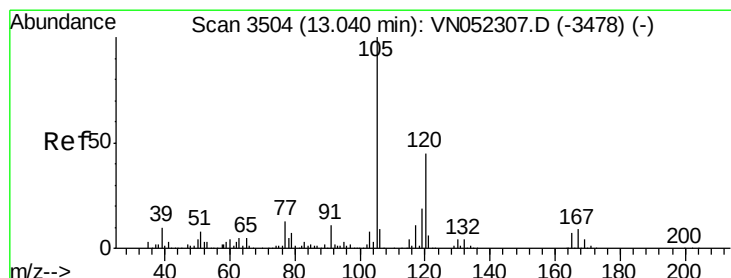
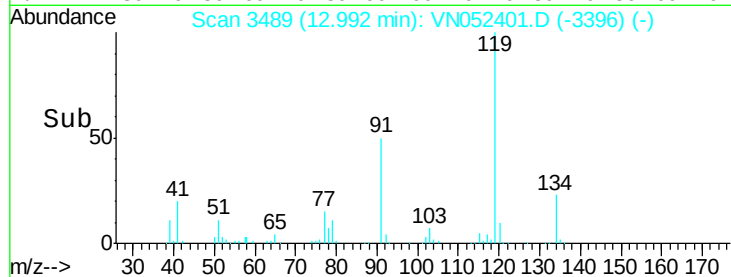
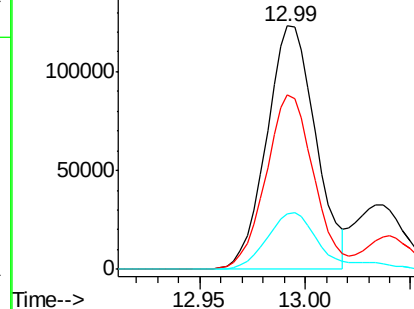
134 23.5 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.90 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN052401.D

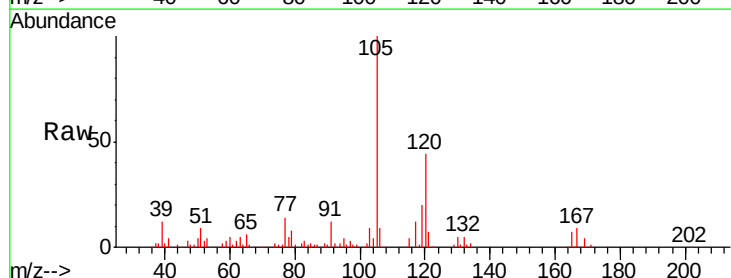
Acq: 20 Nov 2018 12:25

Tgt Ion:105 Resp: 234364

Ion Ratio Lower Upper

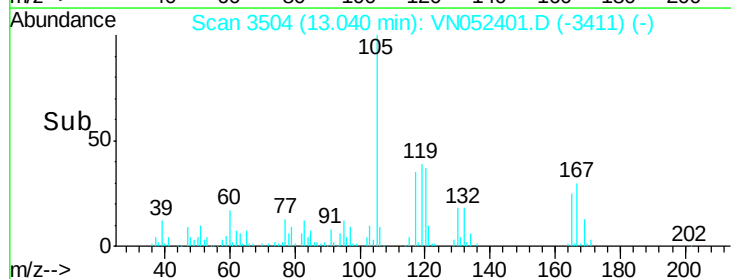
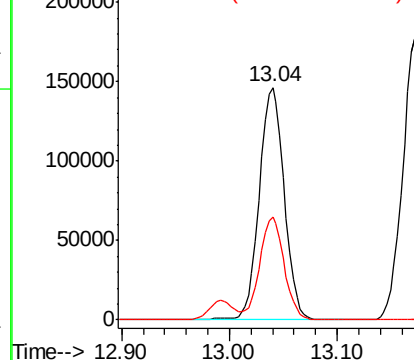
105 100

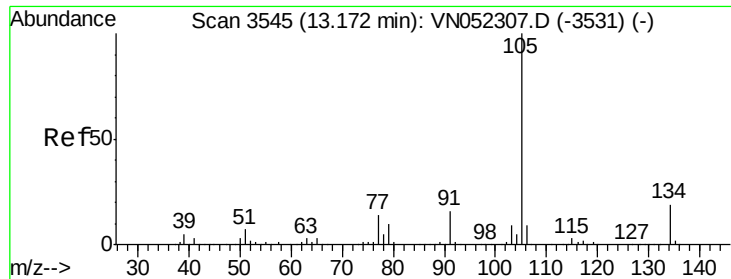
120 43.3 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

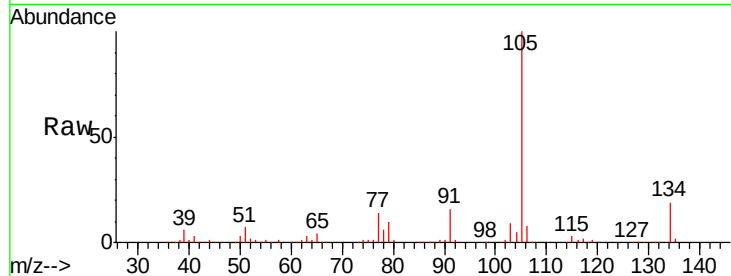




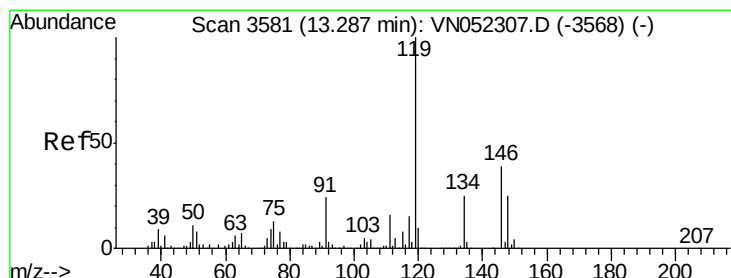
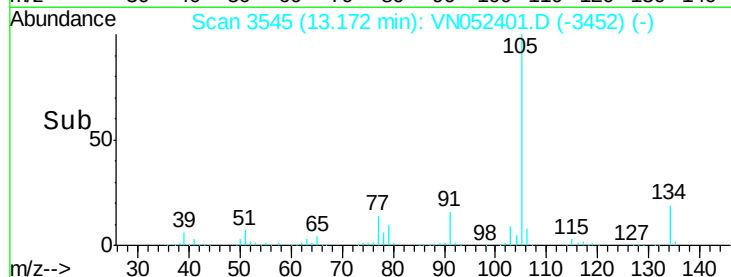
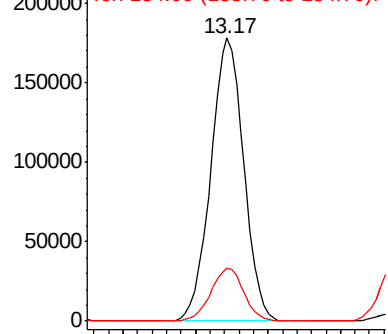
#85  
 sec-Butylbenzene  
 Concen: 20.89 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBS01

Tgt Ion:105 Resp: 280684  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.5 28.5

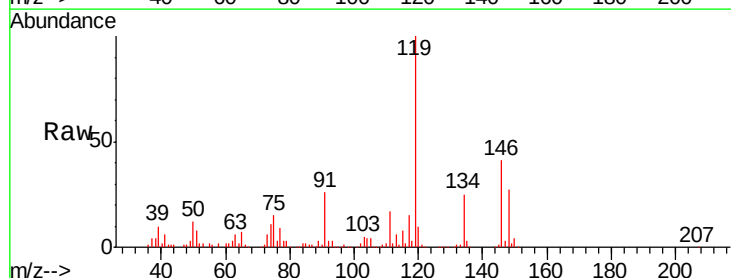


Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 134.00 (133.70 to 134.70): V

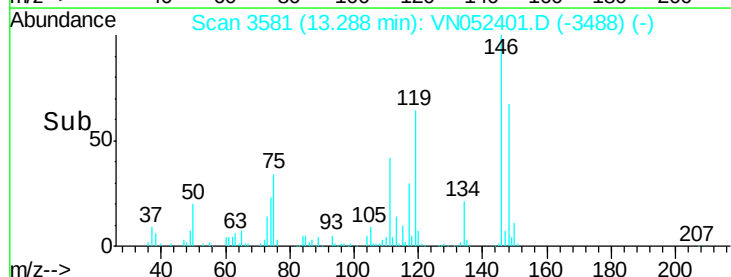
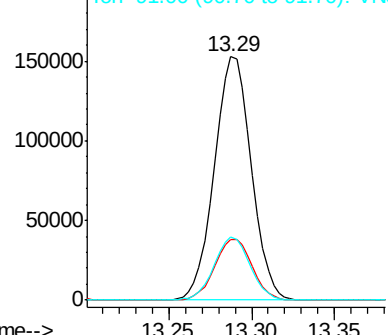


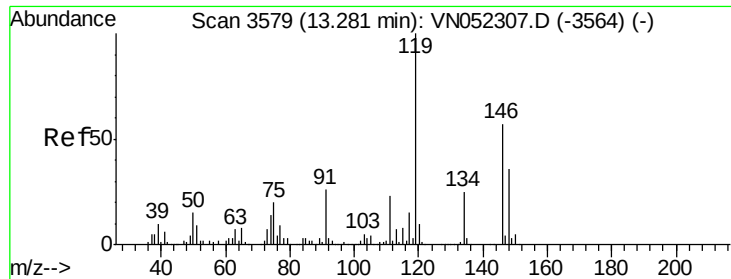
#86  
 p-Isopropyltoluene  
 Concen: 20.77 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN052401.D  
 Acq: 20 Nov 2018 12:25

Tgt Ion:119 Resp: 236357  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 13.0 38.9  
 91 25.5 12.4 37.0



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





#87

1,3-Dichlorobenzene

Concen: 19.87 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBS01

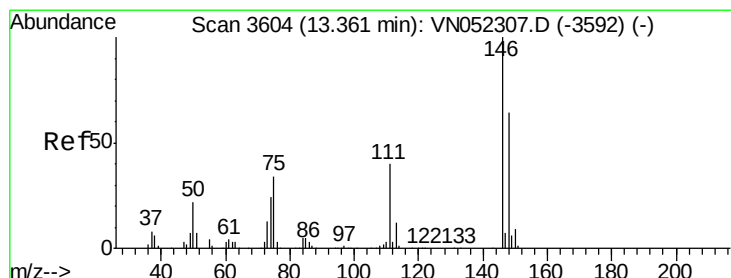
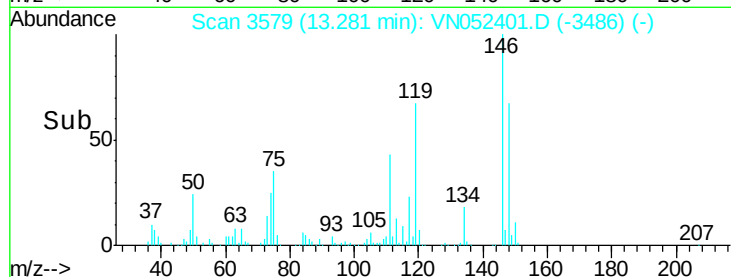
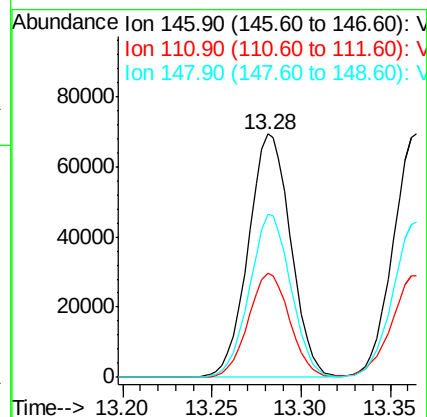
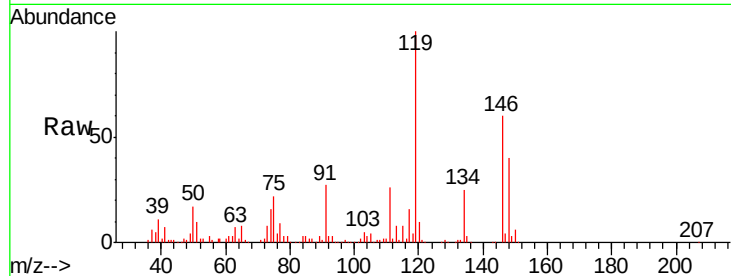
Tgt Ion:146 Resp: 115365

Ion Ratio Lower Upper

146 100

111 41.8 20.3 61.0

148 65.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.88 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

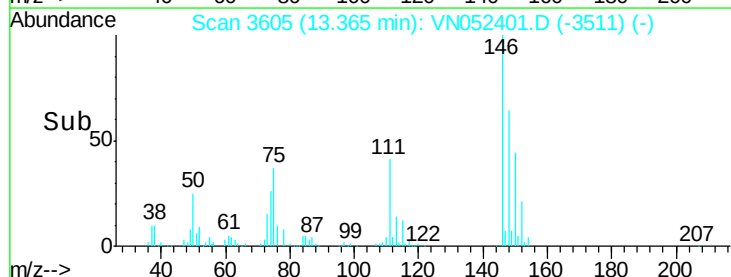
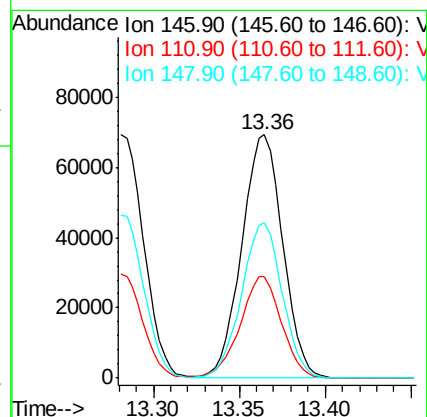
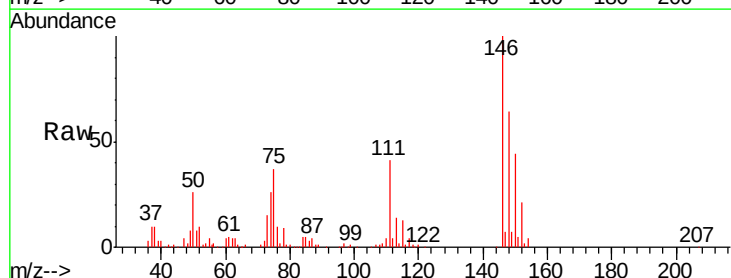
Tgt Ion:146 Resp: 114712

Ion Ratio Lower Upper

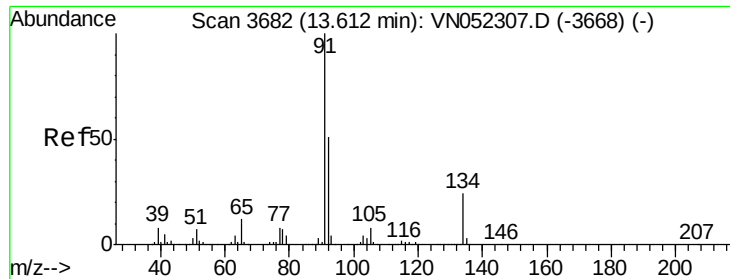
146 100

111 42.4 20.6 61.8

148 63.3 32.4 97.2







#89

n-Butylbenzene

Concen: 21.12 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBS01

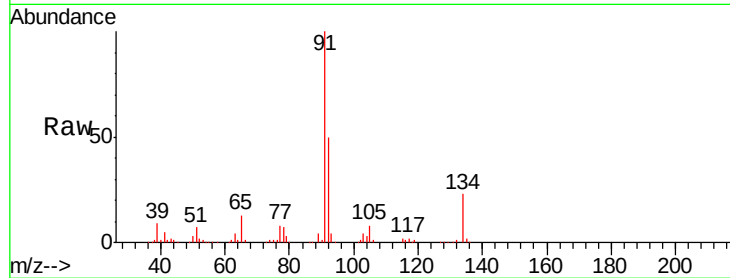
Tgt Ion: 91 Resp: 206409

Ion Ratio Lower Upper

91 100

92 50.0 25.4 76.2

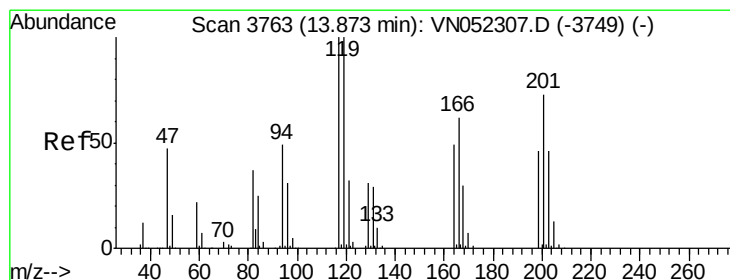
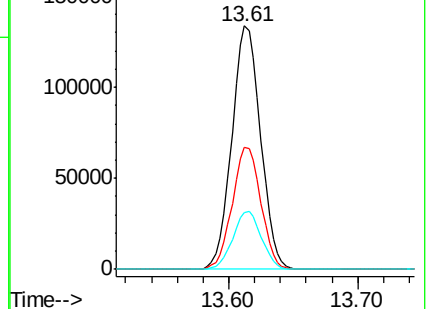
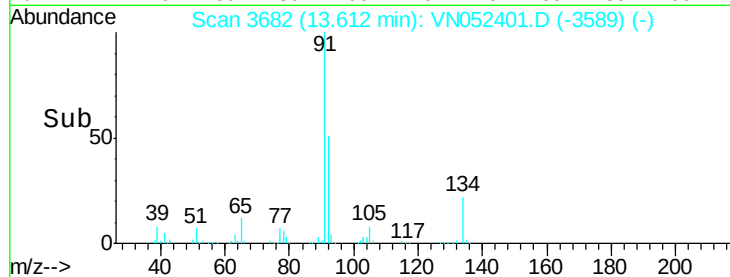
134 23.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VN052401.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN052401.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN052401.D (-3589) (-)



#90

Hexachloroethane

Concen: 20.65 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN052401.D

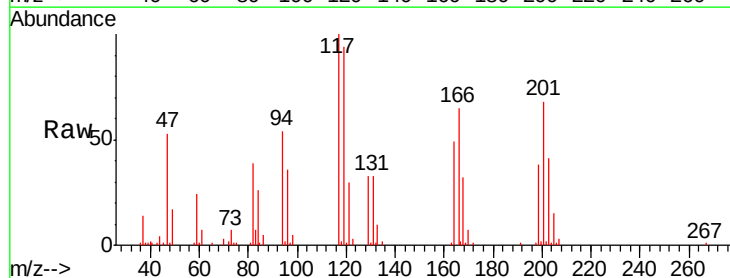
Acq: 20 Nov 2018 12:25

Tgt Ion: 117 Resp: 41624

Ion Ratio Lower Upper

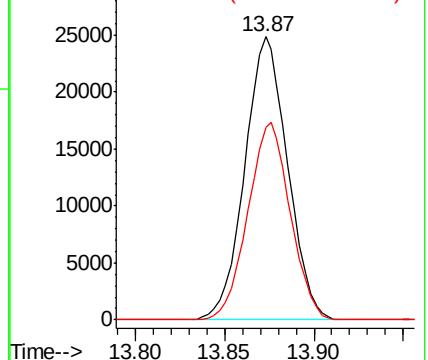
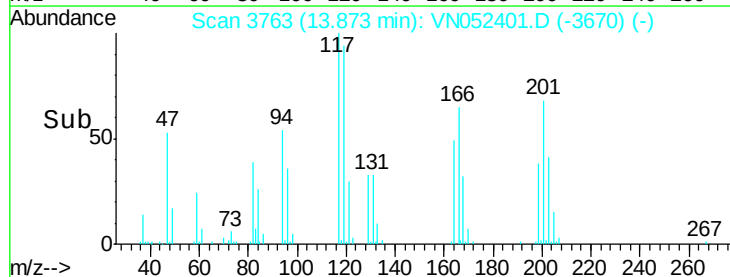
117 100

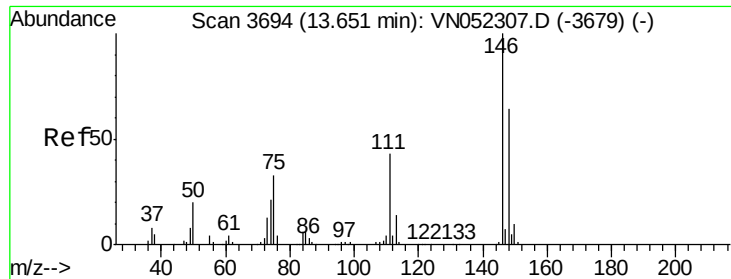
201 69.0 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): VN052401.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN052401.D (-3670) (-)





#91

1,2-Dichlorobenzene

Concen: 19.62 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBS01

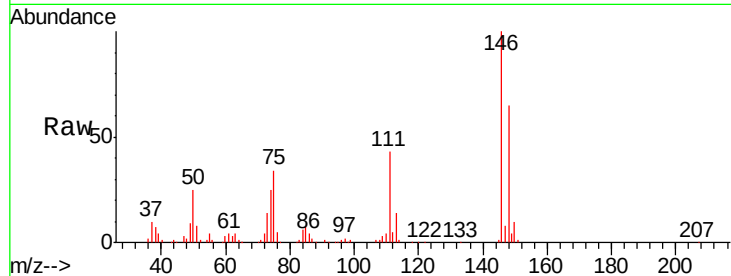
Tgt Ion:146 Resp: 110315

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.9

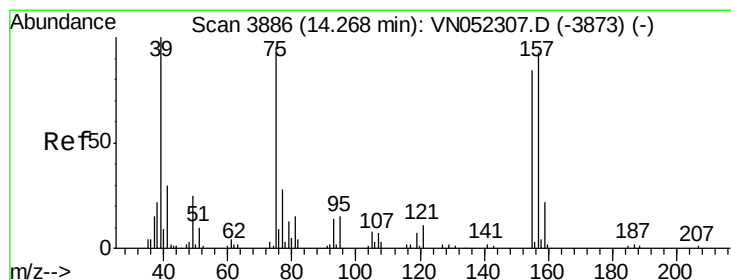
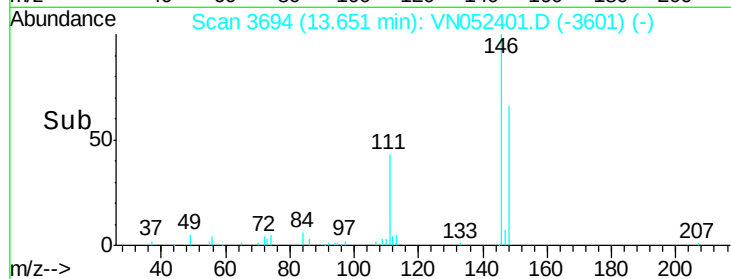
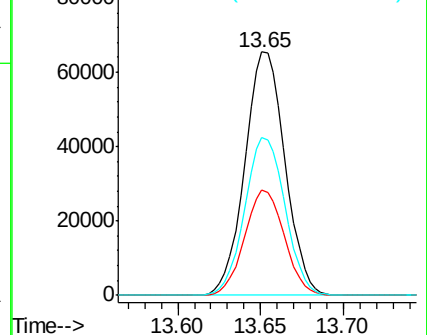
148 65.2 31.6 94.8



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: 21.17 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

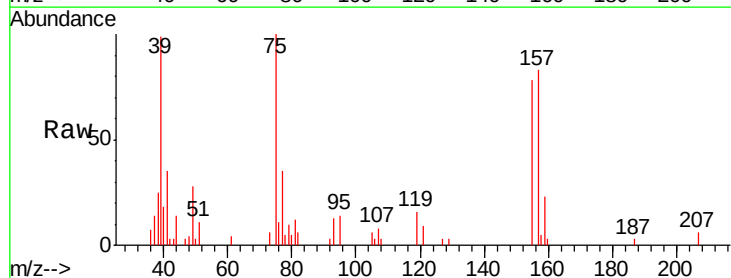
Tgt Ion: 75 Resp: 10601

Ion Ratio Lower Upper

75 100

155 73.9 42.4 127.3

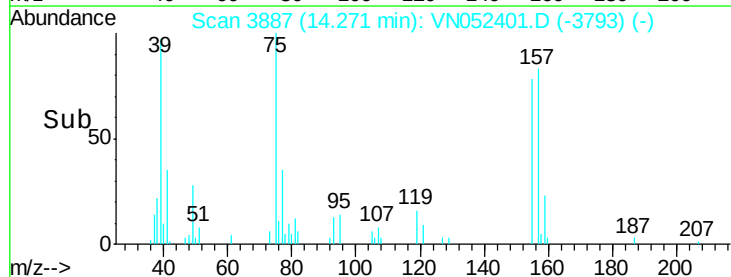
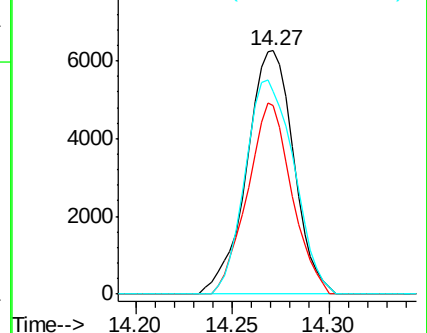
157 91.2 49.6 149.0

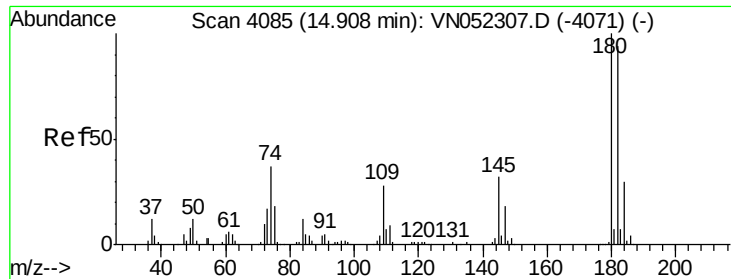


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.21 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBS01

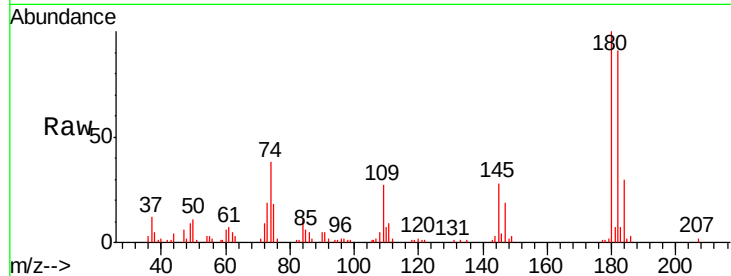
Tgt Ion:180 Resp: 49198

Ion Ratio Lower Upper

180 100

182 93.3 47.6 142.9

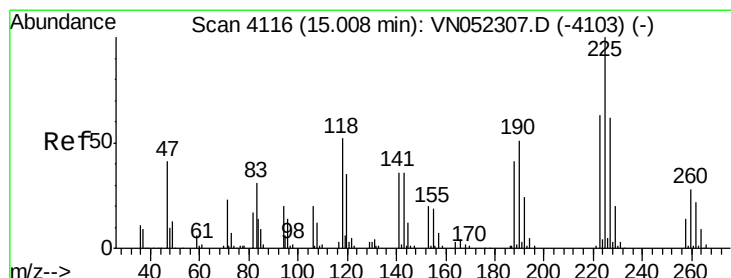
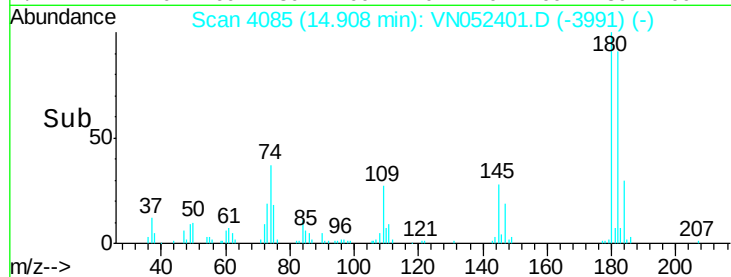
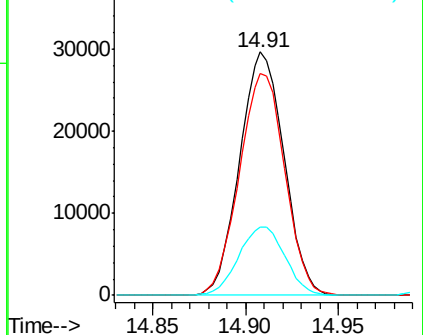
145 29.4 15.5 46.5



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: 21.52 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

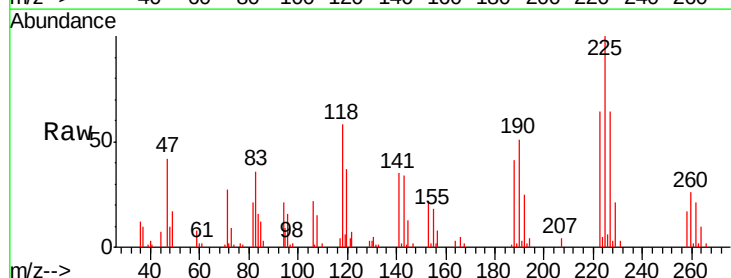
Tgt Ion:225 Resp: 27699

Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.5

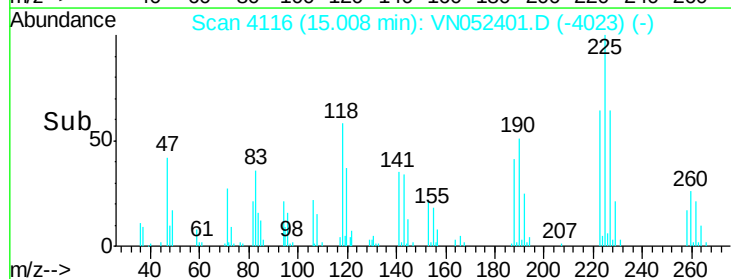
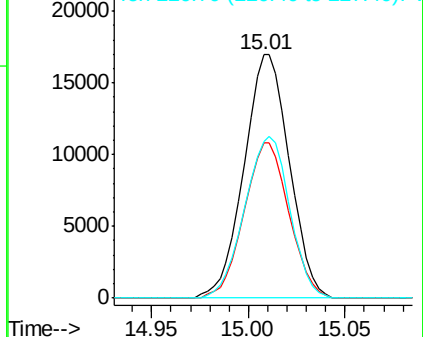
227 65.9 31.6 95.0

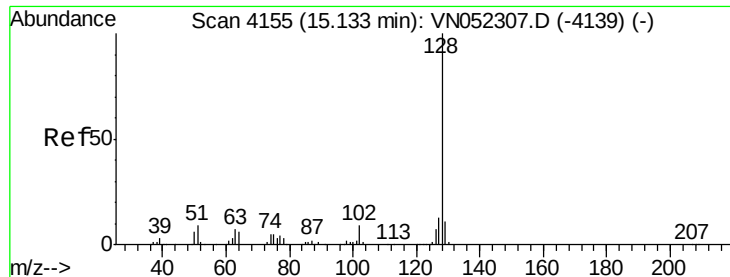


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.85 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

Instrument :

MSVOA\_N

ClientSampled :

VN1120WBS01

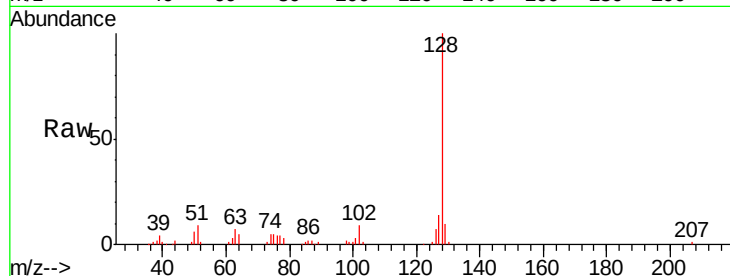
Tgt Ion:128 Resp: 105993

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

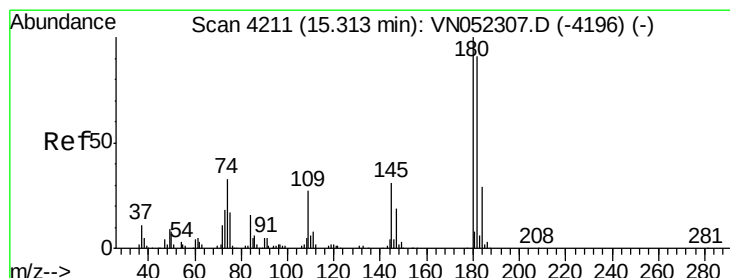
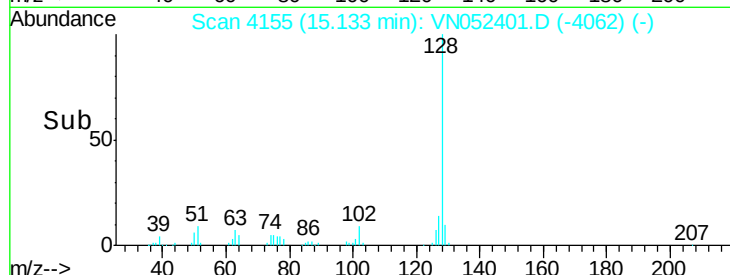
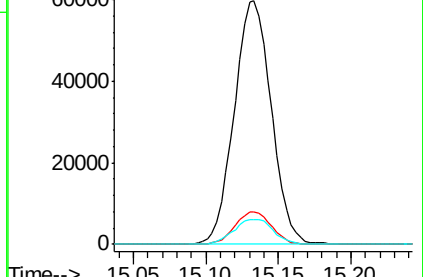
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.54 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN052401.D

Acq: 20 Nov 2018 12:25

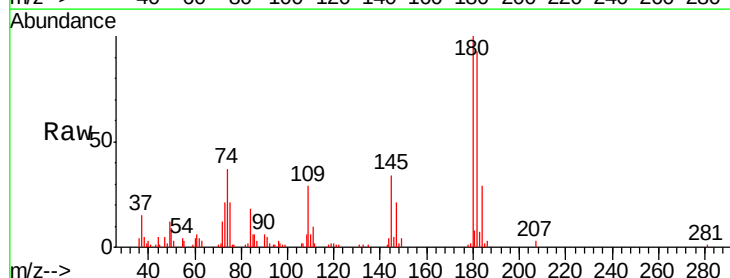
Tgt Ion:180 Resp: 43893

Ion Ratio Lower Upper

180 100

182 94.1 46.5 139.3

145 34.1 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

