

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010719\  
 Data File : VN053302.D  
 Acq On : 7 Jan 2019 14:07  
 Operator : MD\SY  
 Sample : VN1007WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 11 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1007WBSD01

Quant Time: Jan 08 01:24:38 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N010519W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 07 09:34:27 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 881315   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1359304  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1235864  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 588597   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 463251   | 50.52 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.04% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 385680   | 49.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.68%  |      |
| 50) Toluene-d8            | 10.09  | 98  | 1655450  | 49.59 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.18%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 585772   | 50.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.24% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 163971  | 21.104  | ug/l | 100    |
| 3) Chloromethane              | 2.06 | 50  | 223796  | 20.626  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.19 | 62  | 213141  | 20.581  | ug/l | 99     |
| 5) Bromomethane               | 2.57 | 94  | 140148  | 20.710  | ug/l | 99     |
| 6) Chloroethane               | 2.71 | 64  | 124336  | 19.891  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 268640  | 20.027  | ug/l | 97     |
| 8) Diethyl Ether              | 3.41 | 74  | 107518  | 20.450  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 172421  | 20.281  | ug/l | 98     |
| 10) Methyl Iodide             | 3.96 | 142 | 249645  | 20.949  | ug/l | 100    |
| 11) Tert butyl alcohol        | 4.78 | 59  | 61484   | 111.486 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 166770  | 20.280  | ug/l | 97     |
| 13) Acrolein                  | 3.61 | 56  | 69417   | 100.110 | ug/l | 99     |
| 14) Allyl chloride            | 4.33 | 41  | 260814  | 19.678  | ug/l | 100    |
| 15) Acrylonitrile             | 4.99 | 53  | 341614  | 103.765 | ug/l | 99     |
| 16) Acetone                   | 3.82 | 43  | 228093  | 102.041 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.06 | 76  | 500295  | 19.734  | ug/l | 99     |
| 18) Methyl Acetate            | 4.33 | 43  | 159750  | 19.251  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 472639  | 20.479  | ug/l | 98     |
| 20) Methylene Chloride        | 4.55 | 84  | 193715  | 19.671  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96  | 177993  | 20.159  | ug/l | 99     |
| 22) Diisopropyl ether         | 5.95 | 45  | 582319  | 20.395  | ug/l | 97     |
| 23) Vinyl Acetate             | 5.90 | 43  | 1877213 | 104.489 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 334463  | 20.310  | ug/l | 99     |
| 25) 2-Butanone                | 6.83 | 43  | 380010  | 101.022 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 228495  | 18.982  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 202395  | 20.073  | ug/l | 99     |
| 28) Bromochloromethane        | 7.20 | 49  | 153033  | 21.807  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 261096  | 105.181 | ug/l | 98     |
| 30) Chloroform                | 7.37 | 83  | 324994  | 20.051  | ug/l | 99     |
| 31) Cyclohexane               | 7.66 | 56  | 319326  | 20.290  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 269342  | 19.941  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.80 | 75  | 253883  | 20.007  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.93 | 43  | 170354  | 20.610  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 234572  | 20.027  | ug/l | 99     |

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 Acq On : 7 Jan 2019 14:07  
 Operator : MD\SY  
 Sample : VN1007WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 11 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1007WBSD01

Quant Time: Jan 08 01:24:38 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N010519W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 07 09:34:27 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 295821   | 20.122  | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 778106   | 20.073  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.17  | 41   | 79253    | 15.444  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 233650   | 20.321  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 314378   | 19.334  | ug/l   | 98       |
| 44) Trichloroethene            | 8.84  | 130  | 209153   | 19.650  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 205043   | 20.168  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 120479   | 20.324  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 244546   | 19.796  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 147803   | 20.007  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 34848    | 442.749 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 853355   | 104.357 | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 478043   | 20.102  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 254515   | 20.140  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 292761   | 20.048  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 172968   | 19.781  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 232988   | 20.504  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 298270   | 20.398  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 610801   | 99.427  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 584574   | 104.337 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 187767   | 19.909  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 173570   | 20.115  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 219504   | 18.871  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 531009   | 19.779  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 181191   | 19.282  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 910943   | 19.968  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 701721   | 40.906  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 344418   | 20.508  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 557707   | 20.404  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 133945   | 20.180  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 885707   | 20.211  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 272094   | 20.793  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 203924   | 20.229  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 271071   | 31.575  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 233668   | 19.978  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 1008394  | 20.343  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 601510   | 20.054  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 724409   | 20.522  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 60496    | 20.733  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 618125   | 20.098  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 635641   | 20.524  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 734625   | 20.428  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 831541   | 20.359  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 720199   | 20.366  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 405450   | 19.685  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 398042   | 19.482  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 573865   | 19.356  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 111544   | 19.679  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 387795   | 20.100  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 26979    | 22.065  | ug/l   | 98       |

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Operator : MD\SY  
Sample : VN1007WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 11 Sample Multiplier: 28

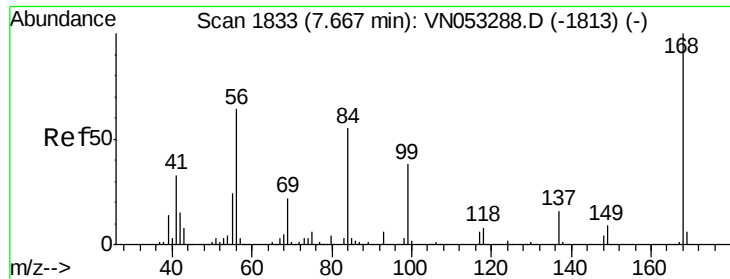
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1007WBSD01

Quant Time: Jan 08 01:24:38 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N010519W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jan 07 09:34:27 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 129432   | 21.336 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 102763   | 20.711 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 233570   | 22.570 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 84764    | 21.342 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

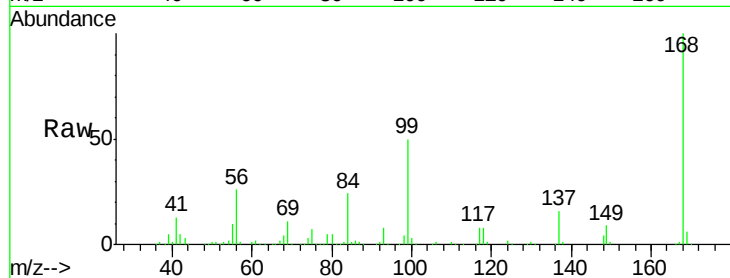
VN1007WBSD01

Tot Ion:168 Resp: 881315

Ion Ratio Lower Upper

168 100

99 49.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

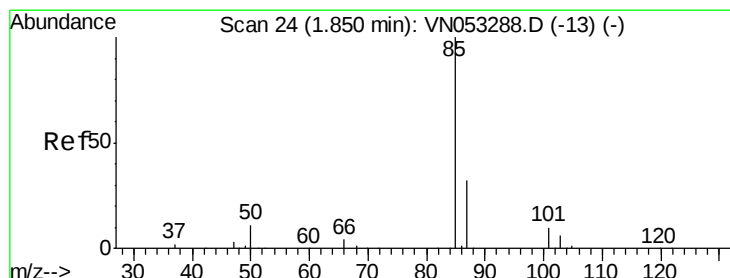
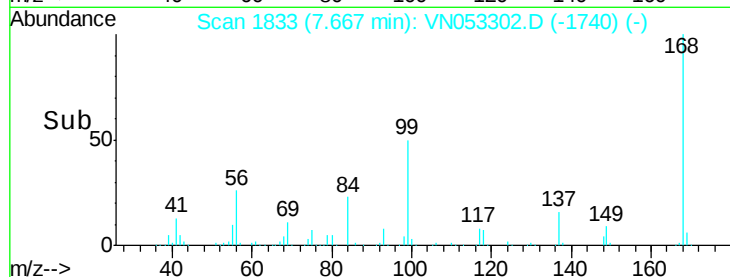
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.104 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053302.D

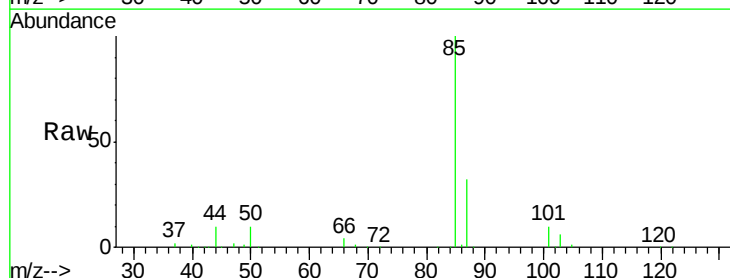
Acq: 7 Jan 2019 14:07

Tgt Ion: 85 Resp: 163971

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

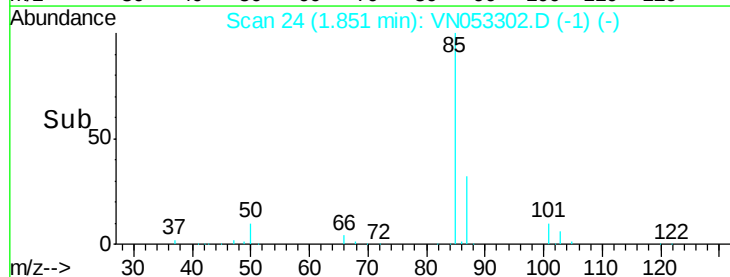
1.85

100000

50000

0

Time-->





#3

Chloromethane

Concen: 20.626 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

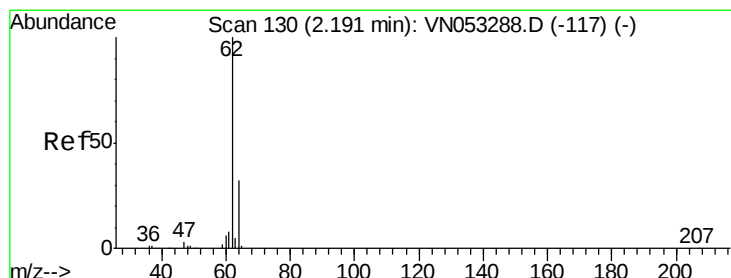
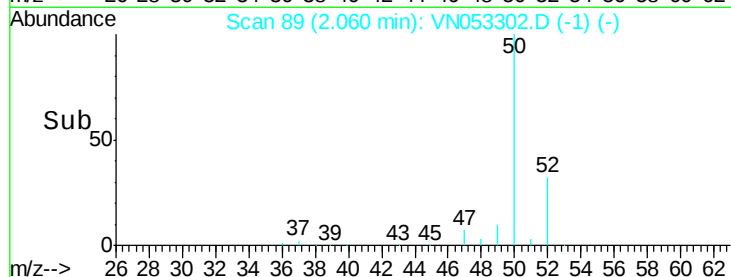
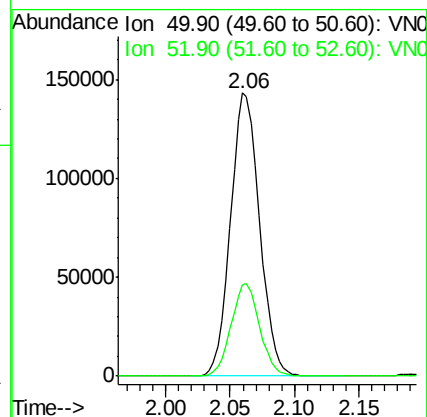
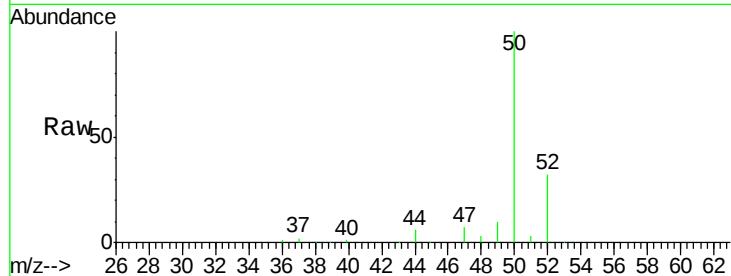
VN1007WBSD01

Tot Ion: 50 Resp: 223796

Ion Ratio Lower Upper

50 100

52 32.1 26.6 40.0



#4

Vinyl Chloride

Concen: 20.581 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053302.D

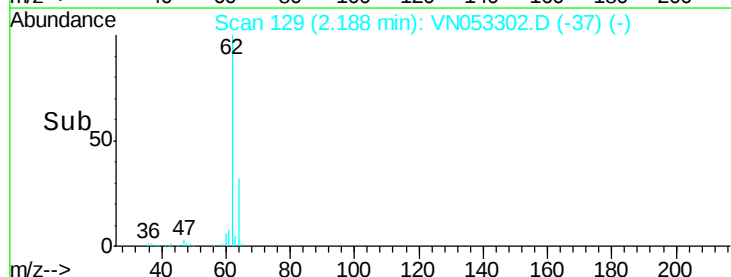
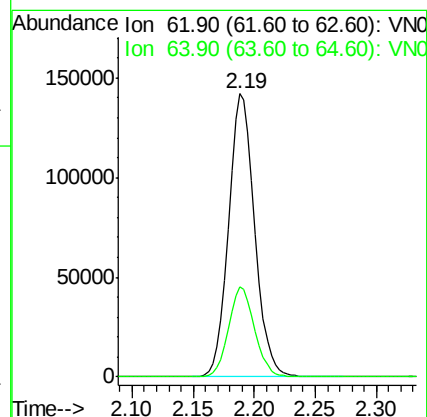
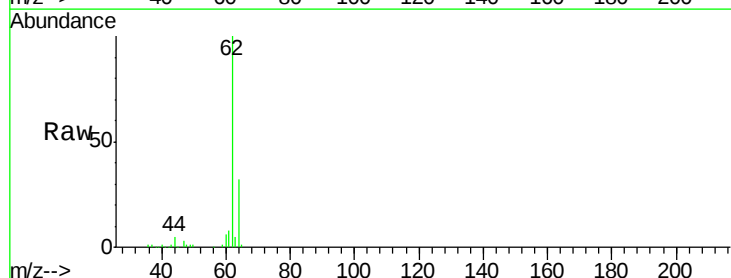
Acq: 7 Jan 2019 14:07

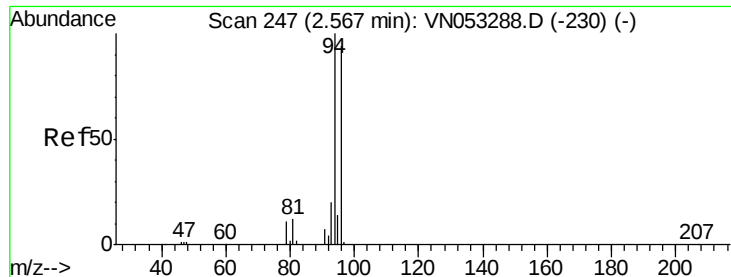
Tgt Ion: 62 Resp: 213141

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 20.710 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

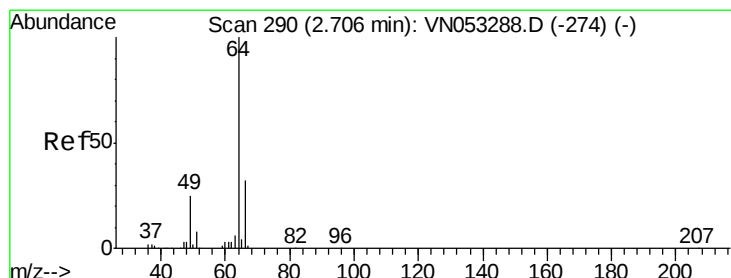
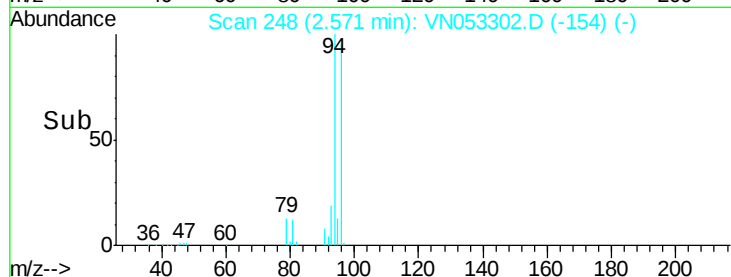
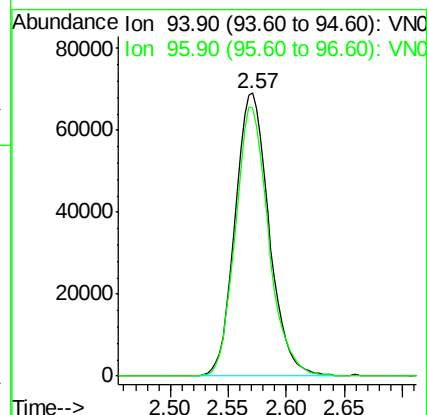
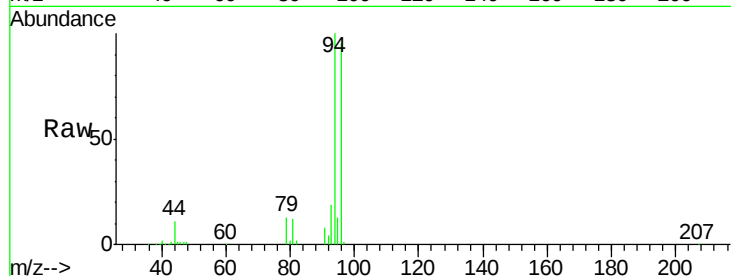
VN1007WBSD01

Tot Ion: 94 Resp: 140148

Ion Ratio Lower Upper

94 100

96 94.8 74.9 112.3



#6

Chloroethane

Concen: 19.891 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053302.D

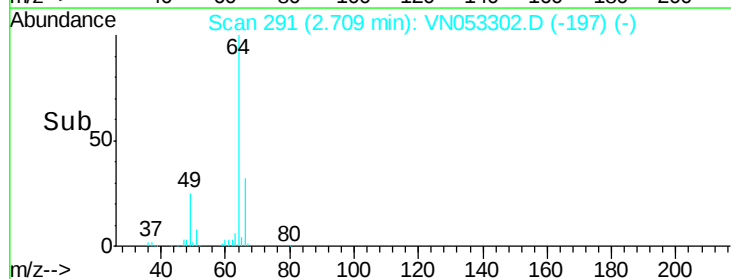
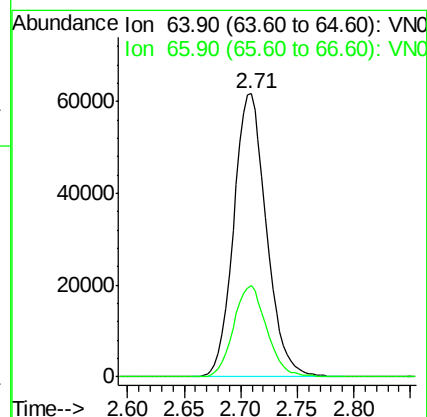
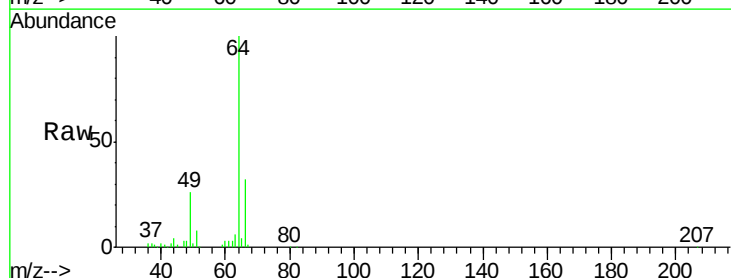
Acq: 7 Jan 2019 14:07

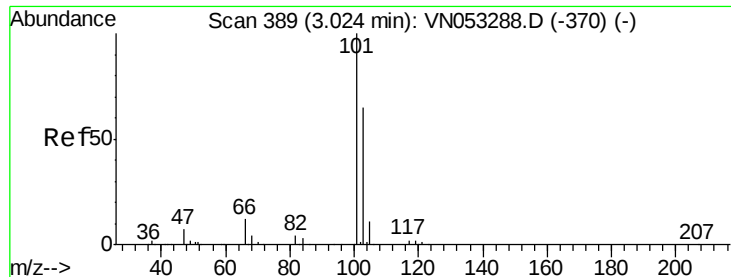
Tgt Ion: 64 Resp: 124336

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



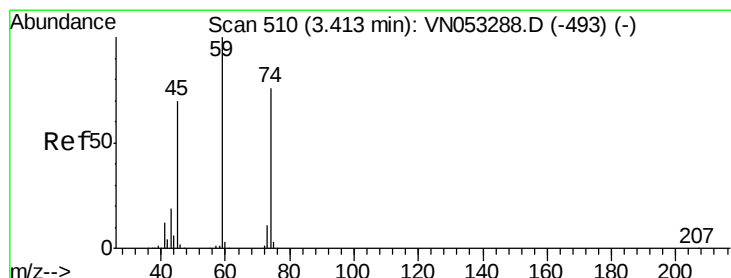
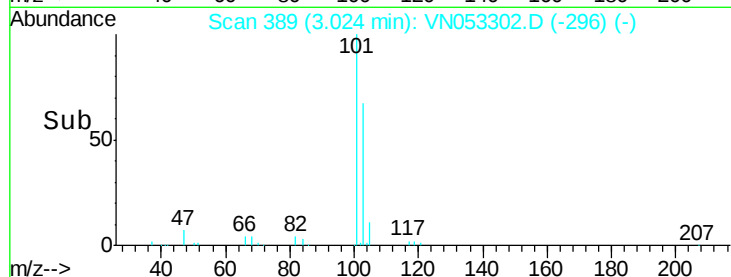
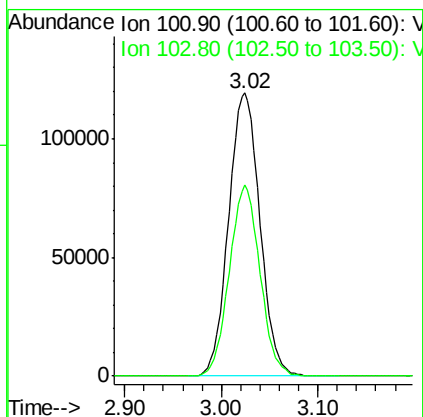
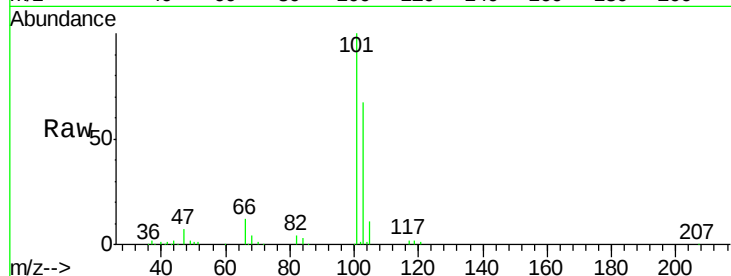


#7

Trichlorofluoromethane  
 Concen: 20.027 ug/l  
 RT: 3.02 min Scan# 389  
 Delta R.T. 0.00 min  
 Lab File: VN053302.D  
 Acq: 7 Jan 2019 14:07

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1007WBSD01

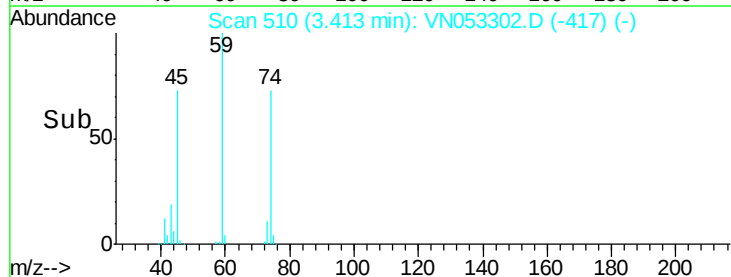
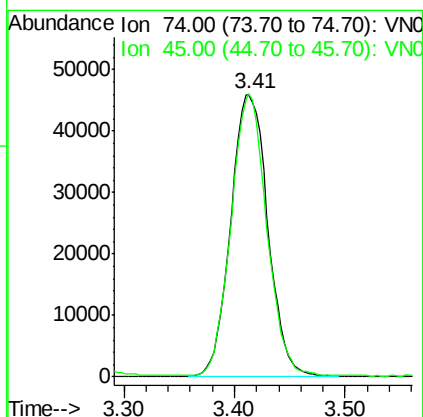
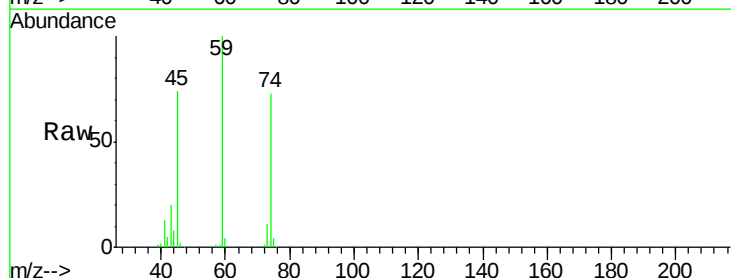
Tot Ion:101 Resp: 268640  
 Ion Ratio Lower Upper  
 101 100  
 103 67.4 52.1 78.1

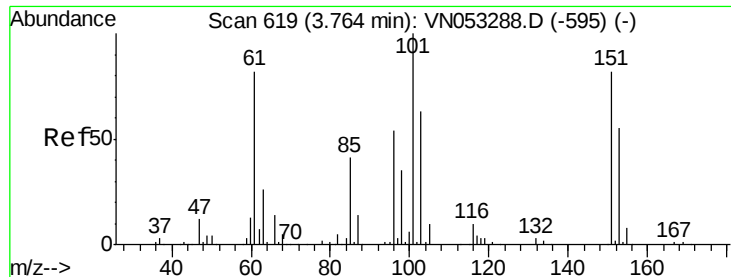


#8

Diethyl Ether  
 Concen: 20.450 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: VN053302.D  
 Acq: 7 Jan 2019 14:07

Tgt Ion: 74 Resp: 107518  
 Ion Ratio Lower Upper  
 74 100  
 45 95.3 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.281 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

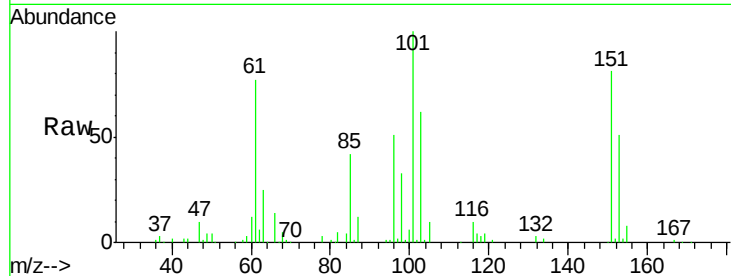
Tot Ion:101 Resp: 172421

Ion Ratio Lower Upper

101 100

85 41.5 33.3 49.9

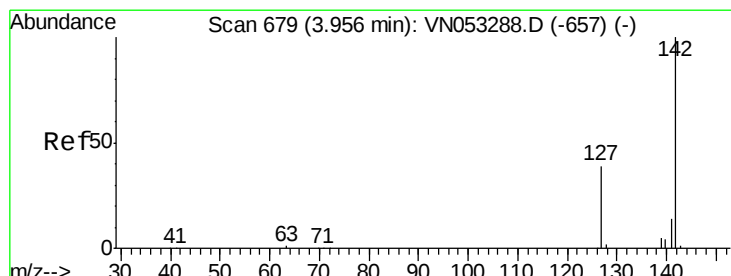
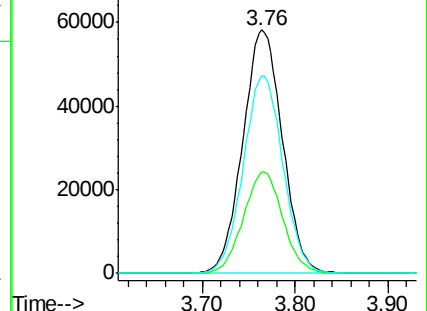
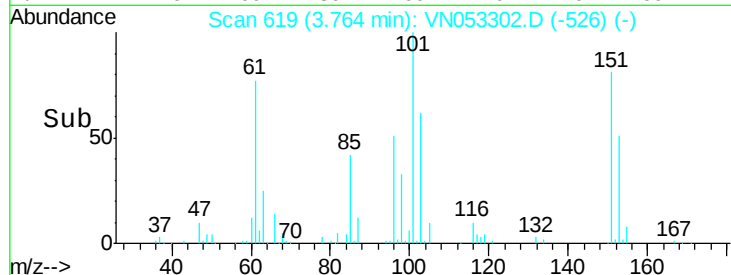
151 81.6 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN053302.D (-526) (-)

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.949 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

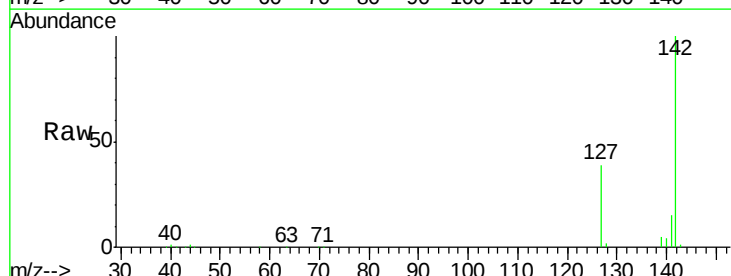
Tgt Ion:142 Resp: 249645

Ion Ratio Lower Upper

142 100

127 38.5 30.9 46.3

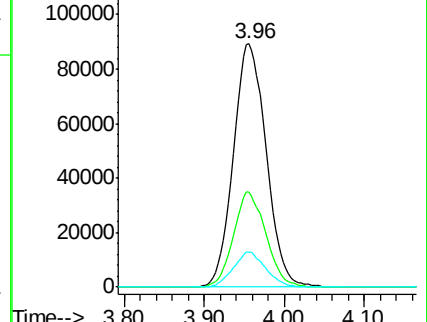
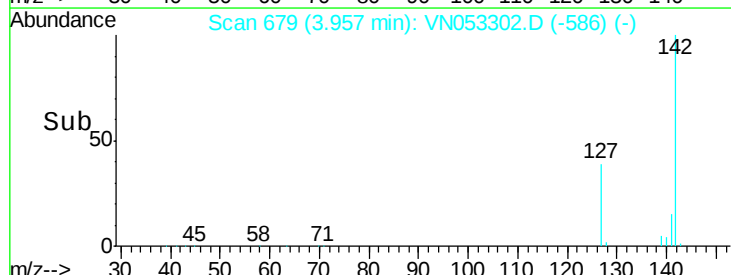
141 14.1 11.2 16.8

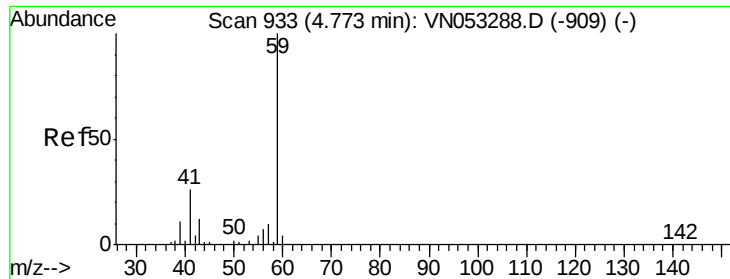


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

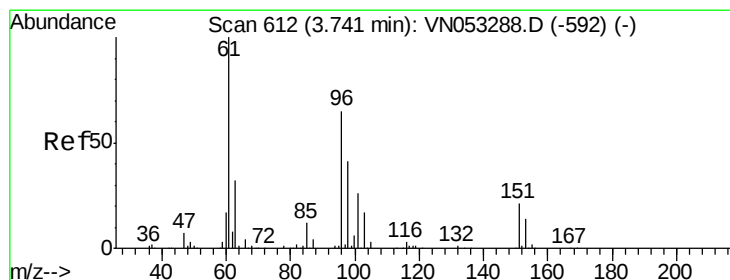
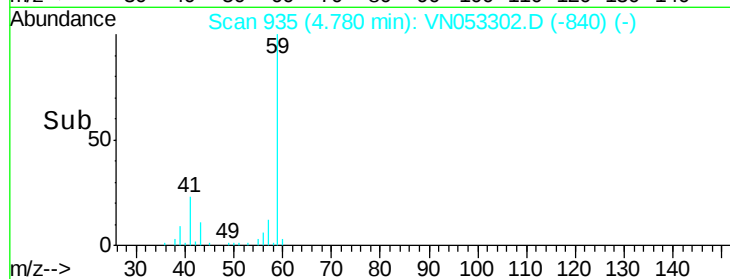
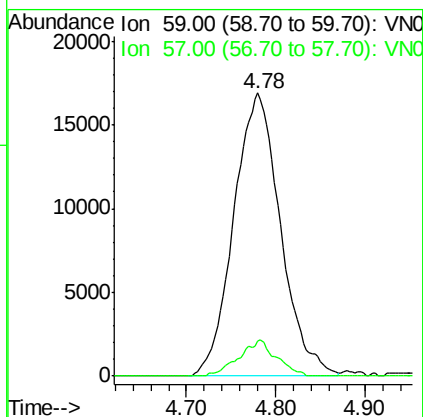
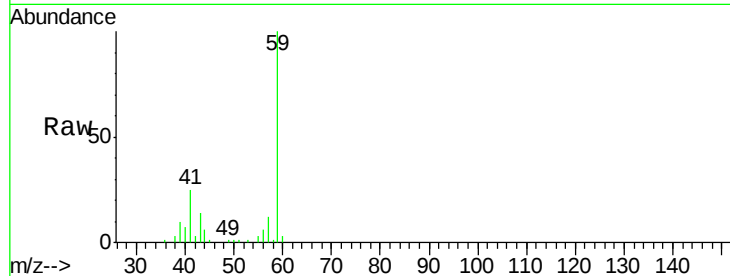




#11  
Tert butyl alcohol  
Concen: 111.486 ug/l  
RT: 4.78 min Scan# 935  
Delta R.T. 0.01 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

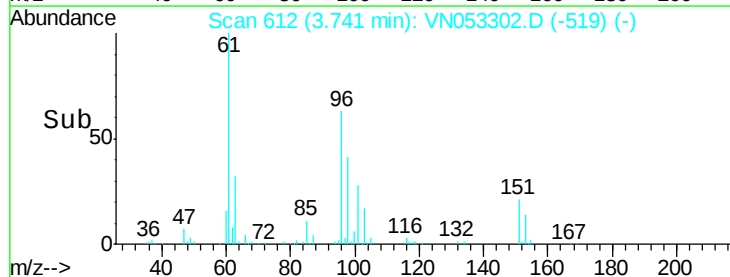
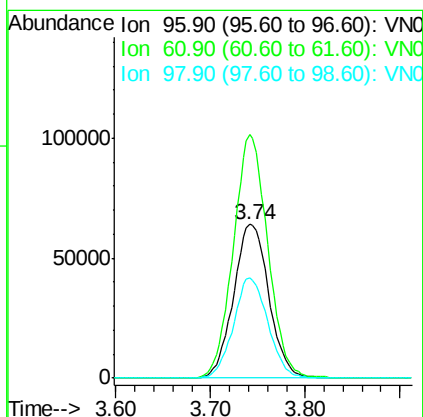
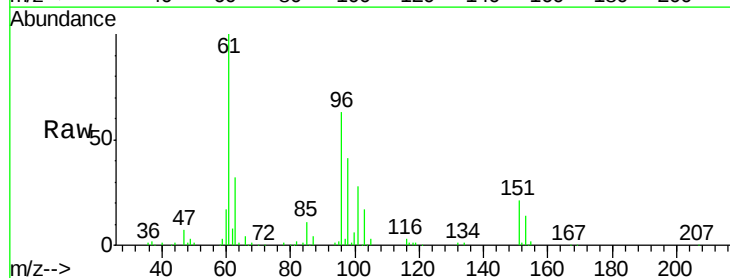
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1007WBSD01

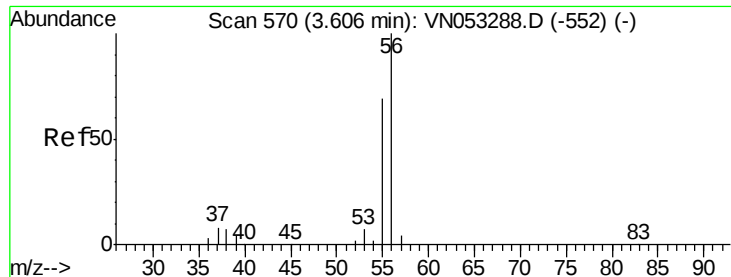
Tot Ion: 59 Resp: 61484  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 20.280 ug/l  
RT: 3.74 min Scan# 612  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion: 96 Resp: 166770  
Ion Ratio Lower Upper  
96 100  
61 158.3 123.2 184.8  
98 65.0 50.5 75.7





#13

Acrolein

Concen: 100.110 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

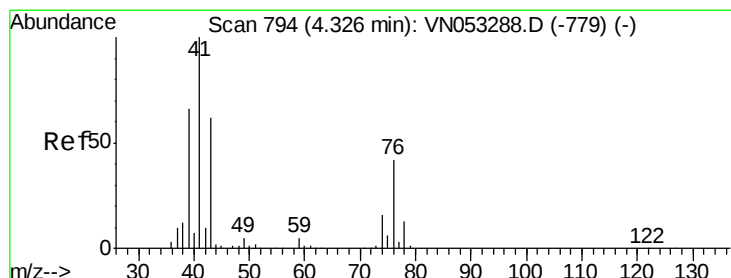
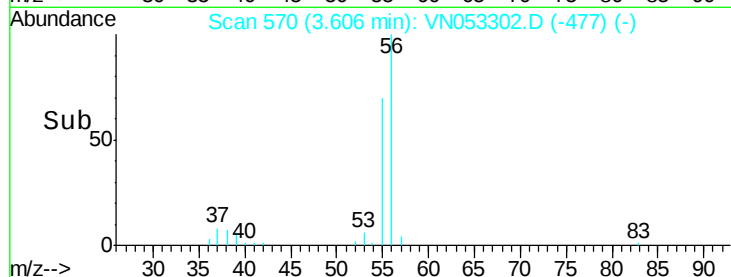
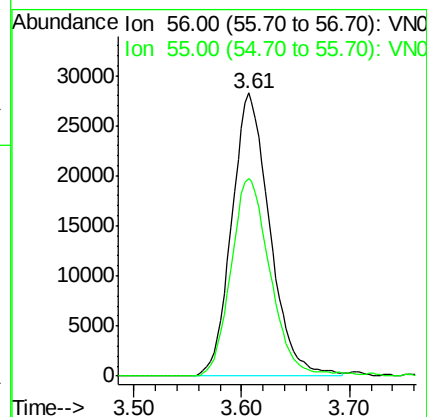
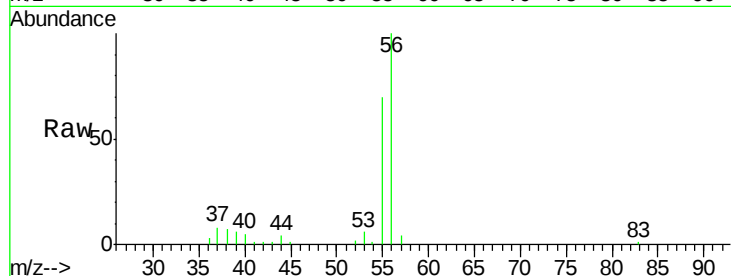
VN1007WBSD01

Tot Ion: 56 Resp: 69417

Ion Ratio Lower Upper

56 100

55 71.3 56.3 84.5



#14

Allyl chloride

Concen: 19.678 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

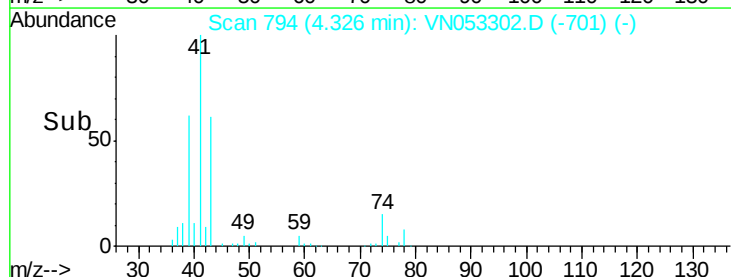
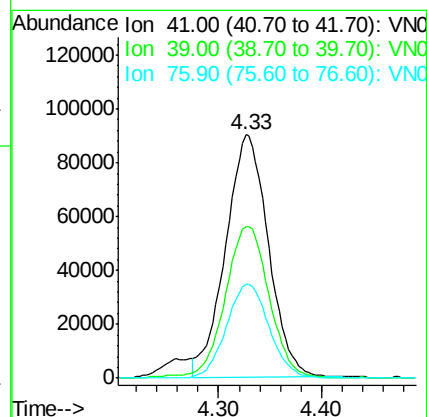
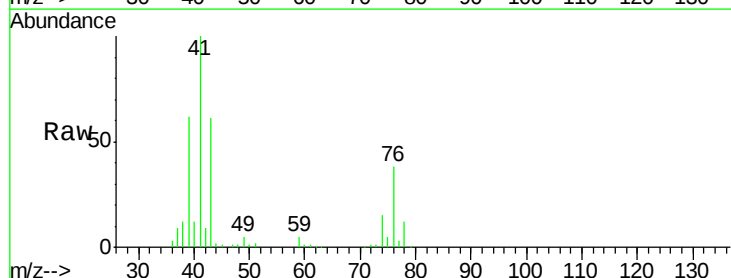
Tgt Ion: 41 Resp: 260814

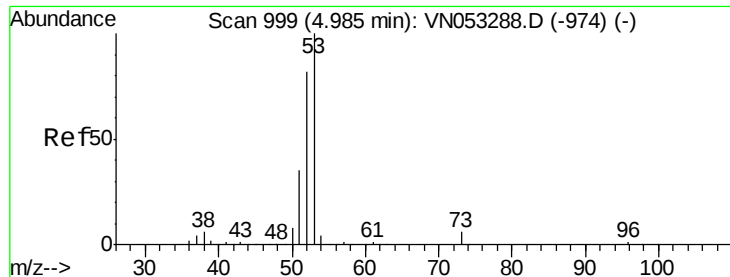
Ion Ratio Lower Upper

41 100

39 64.7 51.9 77.9

76 38.7 31.2 46.8





#15

Acrylonitrile

Concen: 103.765 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

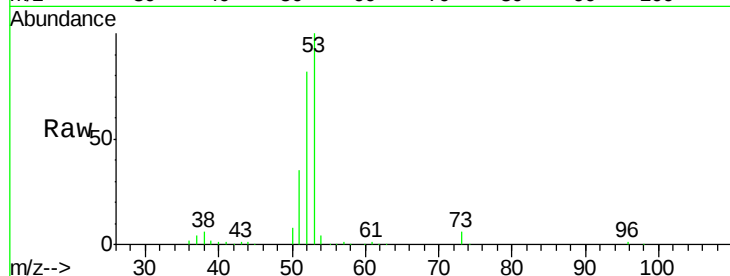
Tot Ion: 53 Resp: 341614

Ion Ratio Lower Upper

53 100

52 80.9 65.2 97.8

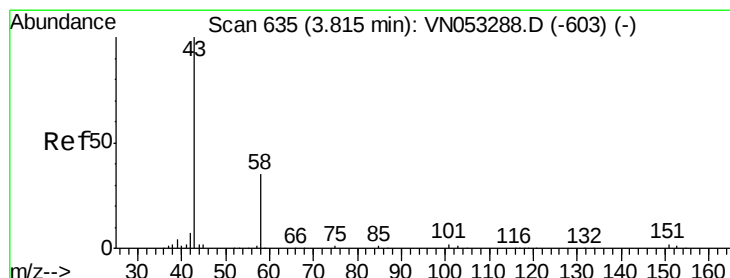
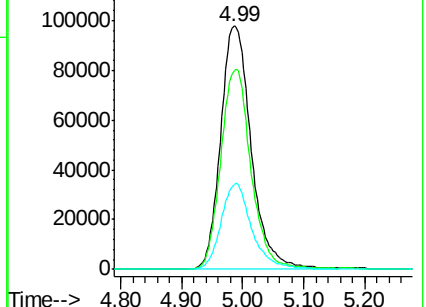
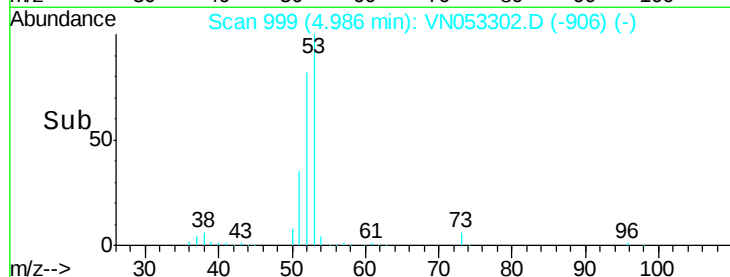
51 35.3 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN053302.D (-906) (-)

Ion 52.00 (51.70 to 52.70): VN053302.D (-906) (-)

Ion 51.00 (50.70 to 51.70): VN053302.D (-906) (-)



#16

Acetone

Concen: 102.041 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053302.D

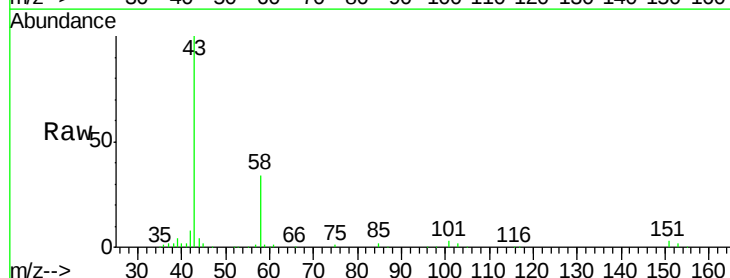
Acq: 7 Jan 2019 14:07

Tgt Ion: 43 Resp: 228093

Ion Ratio Lower Upper

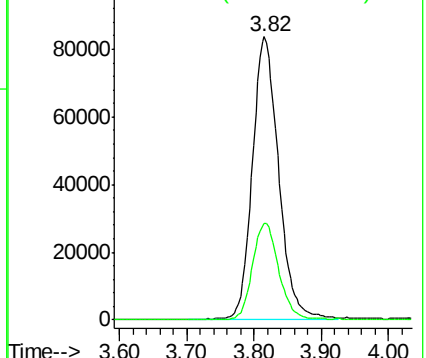
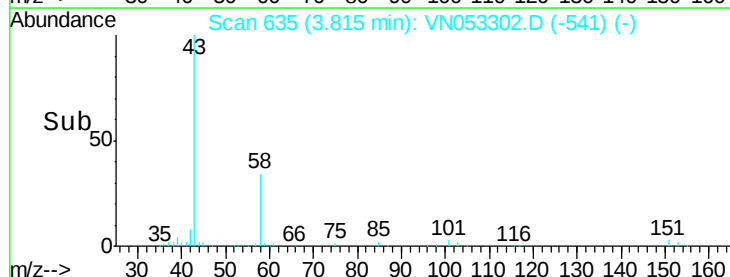
43 100

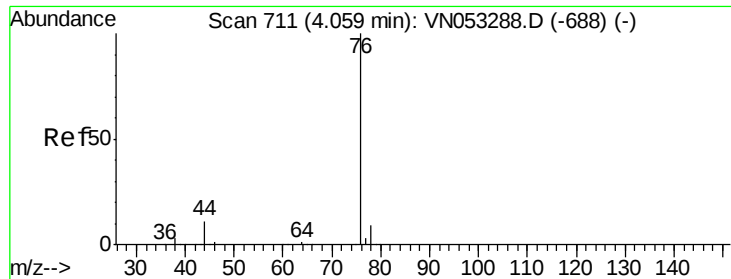
58 33.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053302.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053302.D (-541) (-)

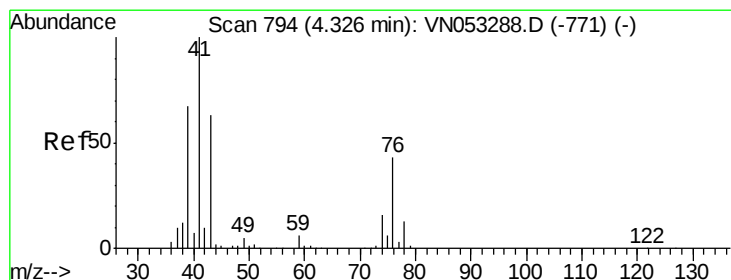
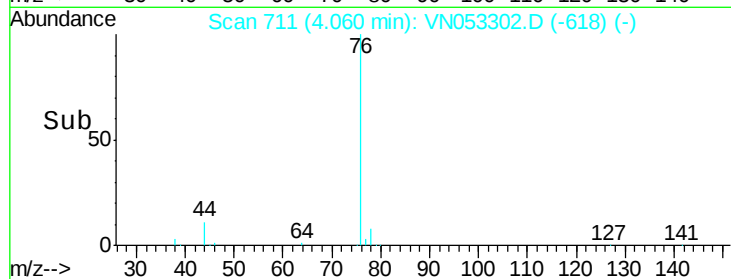
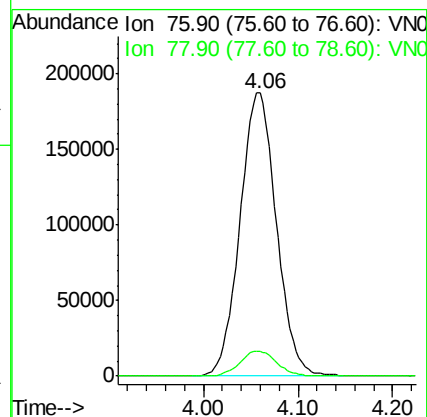
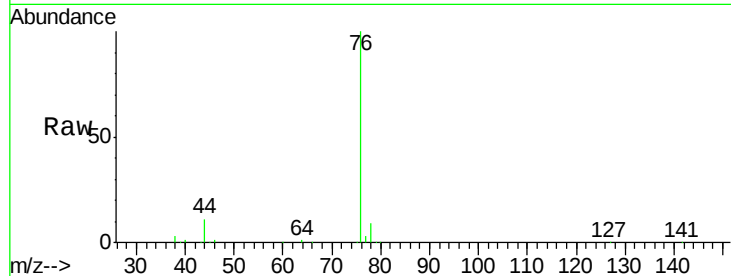




#17  
Carbon Disulfide  
Concen: 19.734 ug/l  
RT: 4.06 min Scan# 711  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

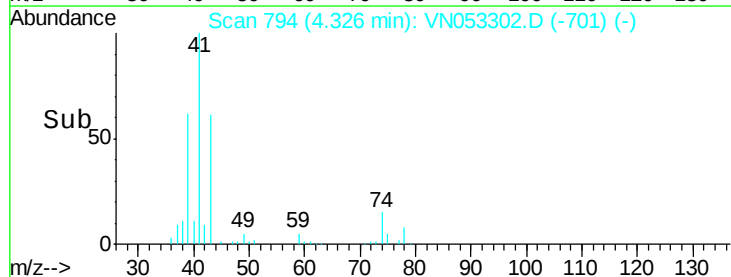
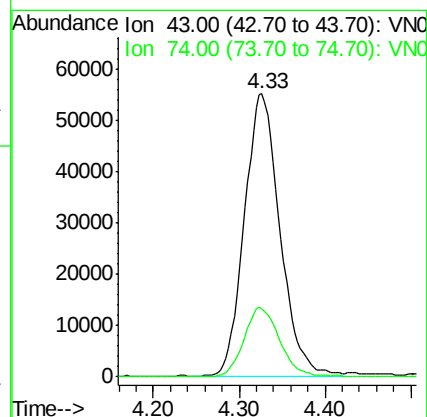
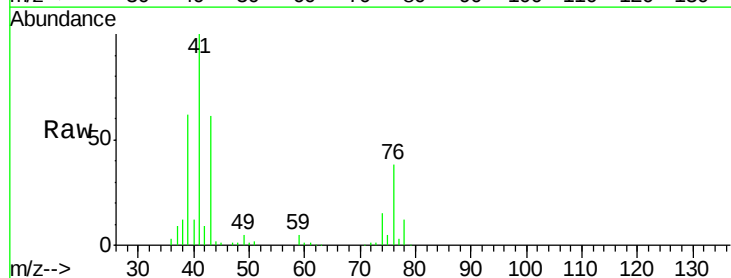
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1007WBSD01

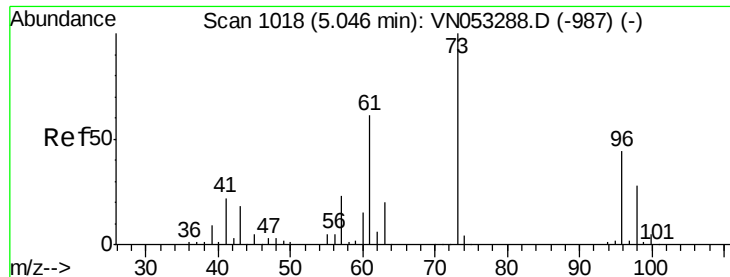
Tot Ion: 76 Resp: 500295  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.2 10.8



#18  
Methyl Acetate  
Concen: 19.251 ug/l  
RT: 4.33 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion: 43 Resp: 159750  
Ion Ratio Lower Upper  
43 100  
74 24.4 19.8 29.8

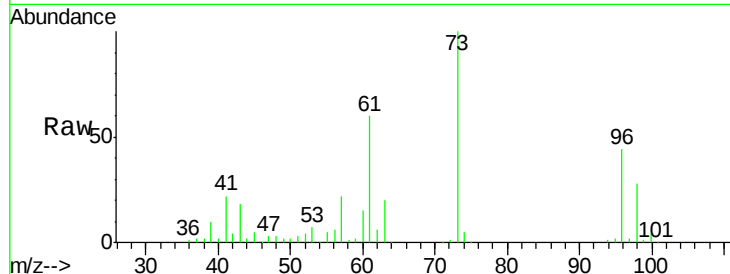




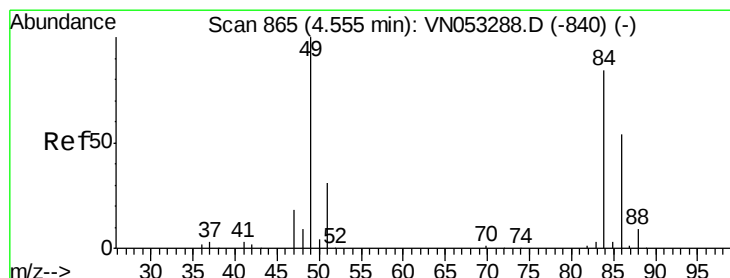
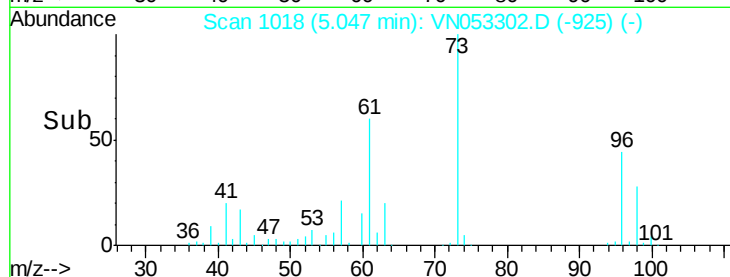
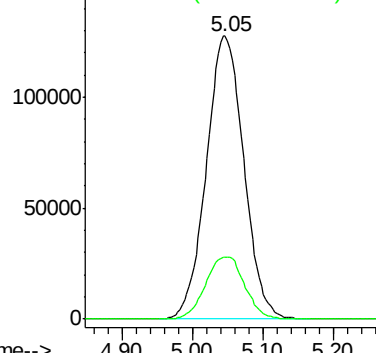
#19  
Methyl tert-butyl Ether  
Concen: 20.479 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1007WBSD01

Tot Ion: 73 Resp: 472639  
Ion Ratio Lower Upper  
73 100  
57 22.0 18.5 27.7

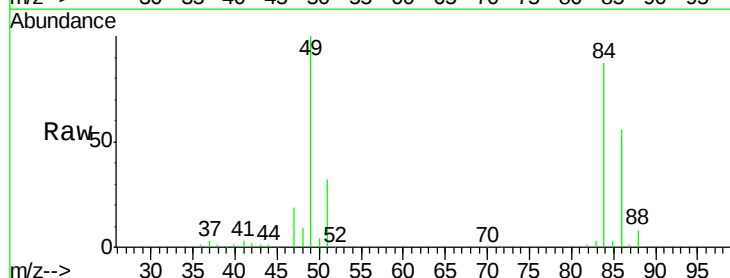


Abundance Ion 73.00 (72.70 to 73.70): VN053302.D (-925) (-)  
Ion 57.00 (56.70 to 57.70): VN053302.D (-925) (-)

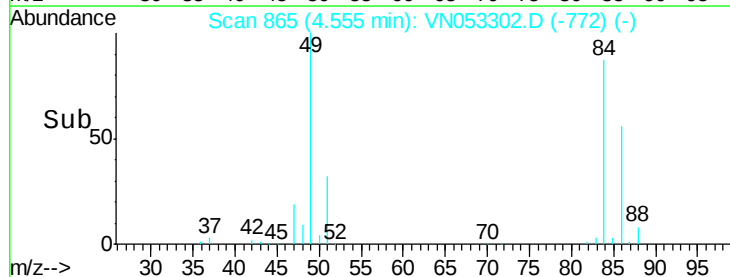
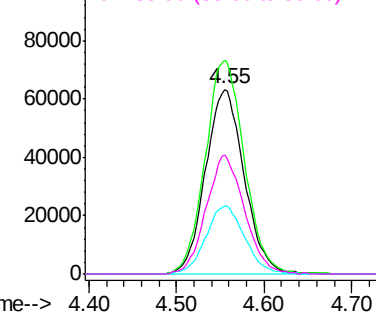


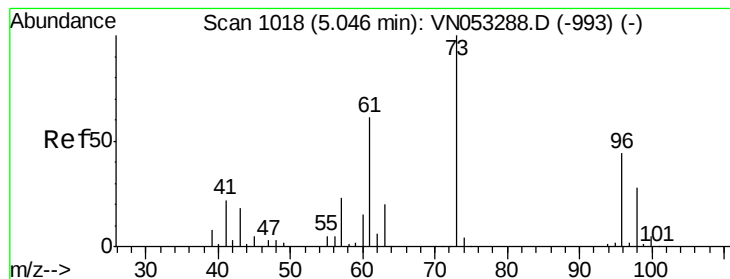
#20  
Methylene Chloride  
Concen: 19.671 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion: 84 Resp: 193715  
Ion Ratio Lower Upper  
84 100  
49 115.5 95.3 142.9  
51 36.8 29.0 43.6  
86 64.7 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VN053302.D (-772) (-)  
Ion 48.90 (48.60 to 49.60): VN053302.D (-772) (-)  
Ion 50.90 (50.60 to 51.60): VN053302.D (-772) (-)  
Ion 85.90 (85.60 to 86.60): VN053302.D (-772) (-)





#21

trans-1,2-Dichloroethene

Concen: 20.159 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

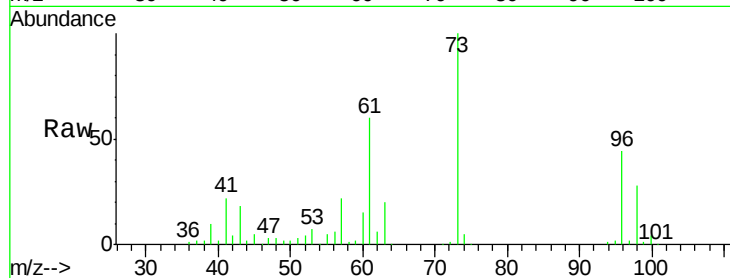
Tot Ion: 96 Resp: 177993

Ion Ratio Lower Upper

96 100

61 136.5 110.2 165.4

98 63.5 50.7 76.1

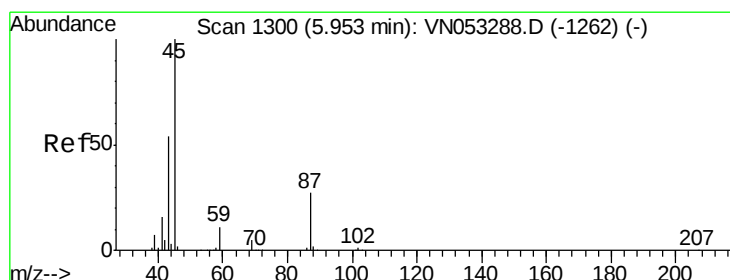
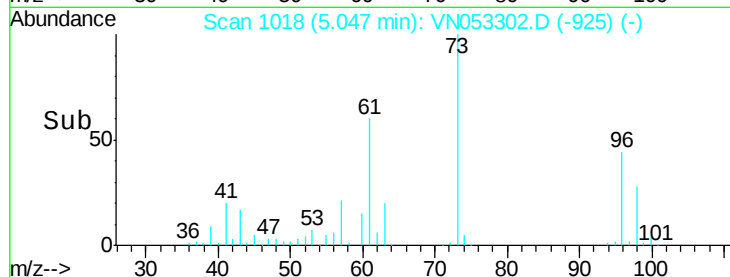
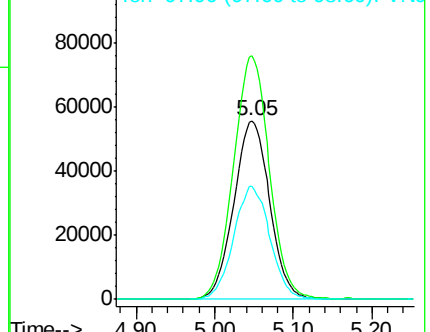


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.395 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Tgt Ion: 45 Resp: 582319

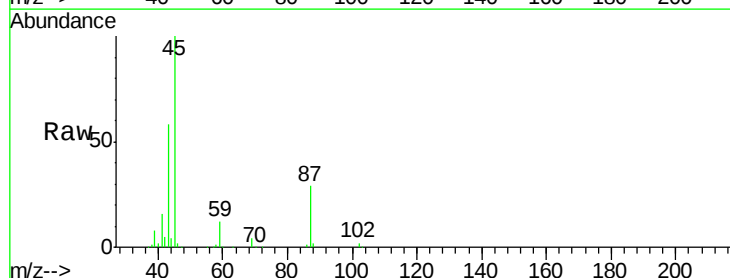
Ion Ratio Lower Upper

45 100

43 56.7 43.0 64.6

87 28.7 22.1 33.1

59 11.9 9.0 13.4



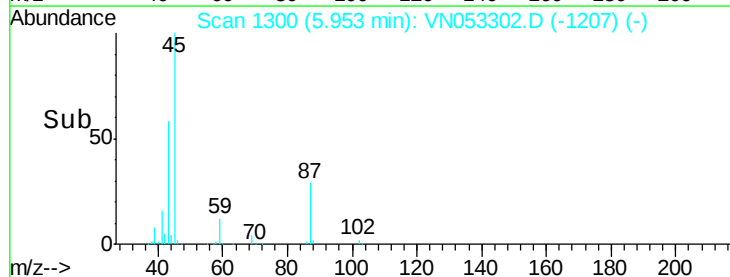
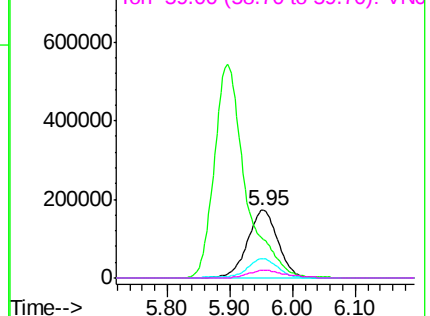
Abundance

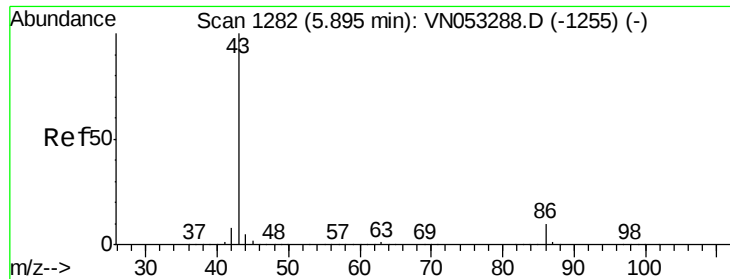
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 104.489 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

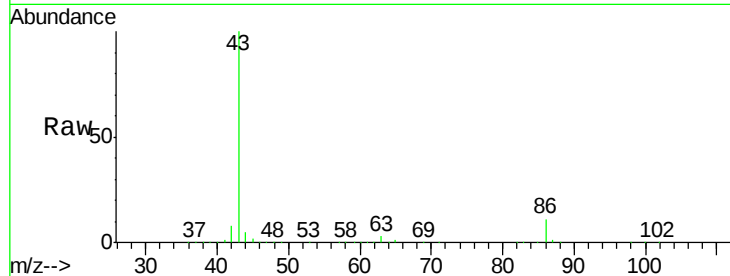
VN1007WBSD01

Tot Ion: 43 Resp: 1877213

Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

600000

500000

400000

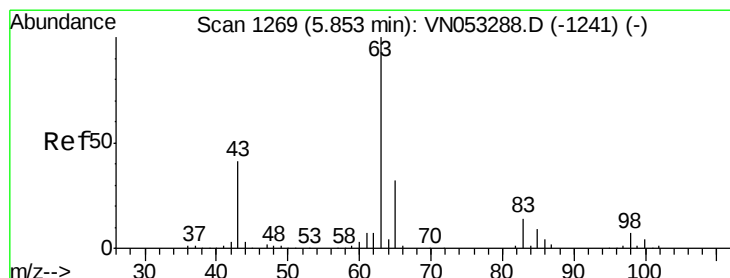
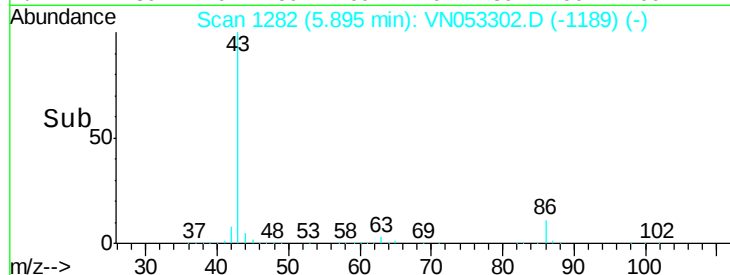
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.310 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

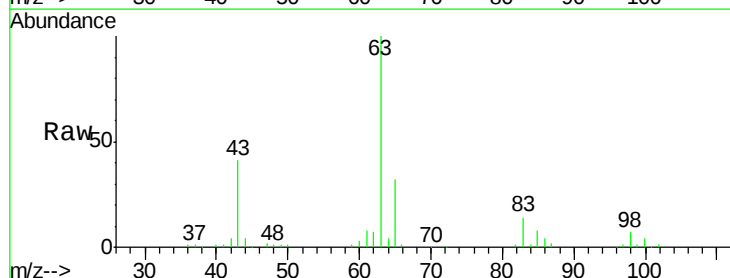
Tgt Ion: 63 Resp: 334463

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.2 2.1 6.5



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

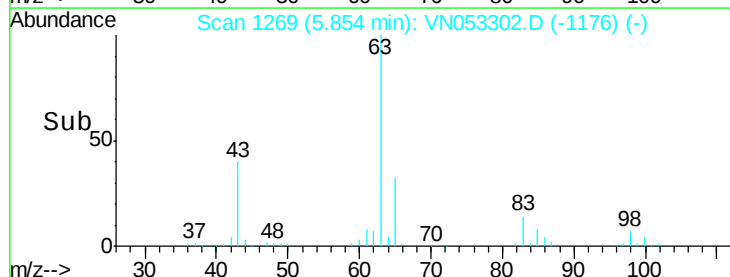
5.85

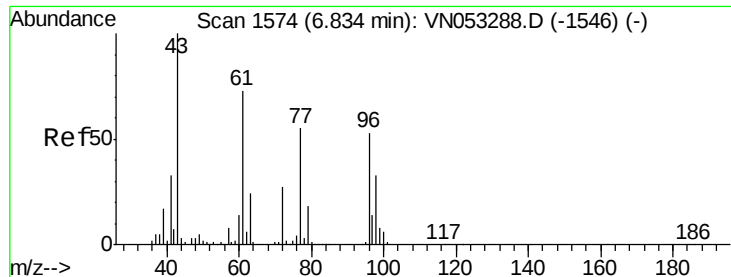
100000

50000

0

Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 101.022 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampled :

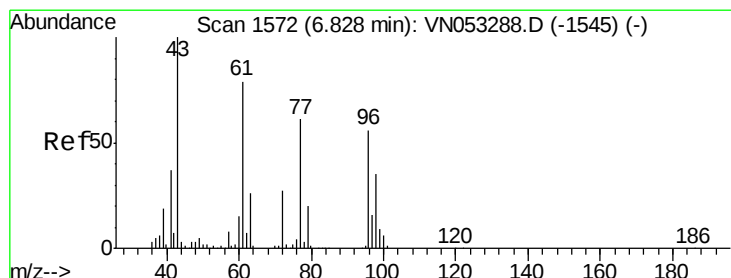
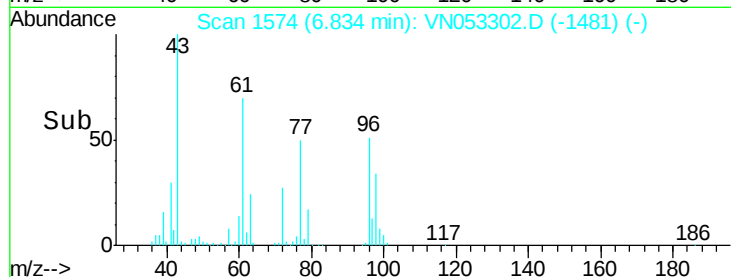
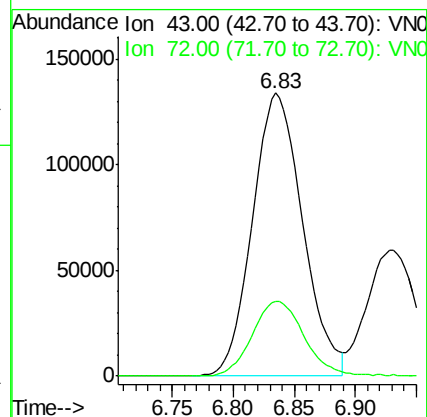
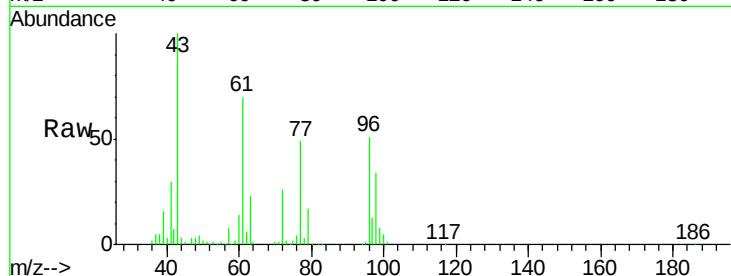
VN1007WBSD01

Tot Ion: 43 Resp: 380010

Ion Ratio Lower Upper

43 100

72 26.5 22.0 33.0



#26

2,2-Dichloropropane

Concen: 18.982 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN053302.D

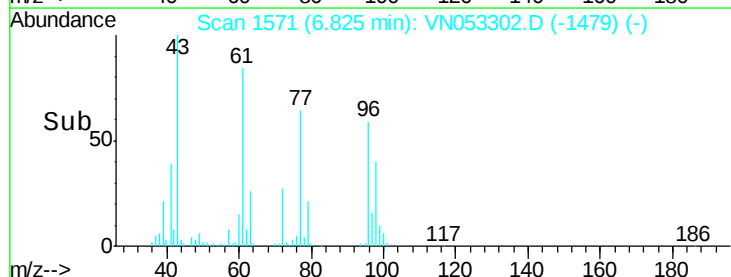
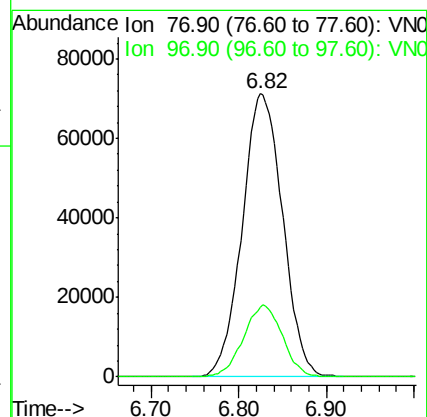
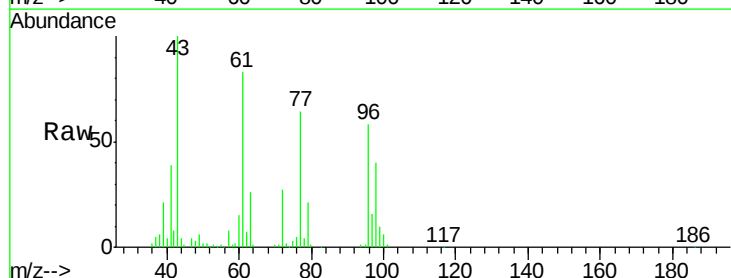
Acq: 7 Jan 2019 14:07

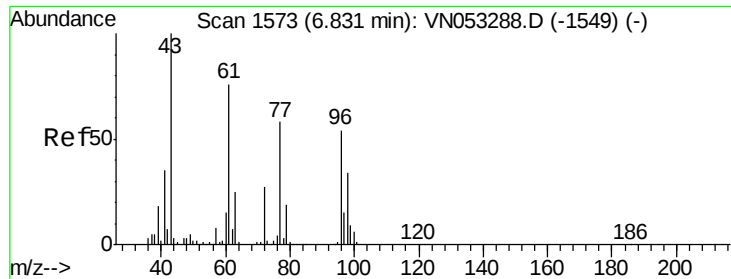
Tgt Ion: 77 Resp: 228495

Ion Ratio Lower Upper

77 100

97 24.4 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 20.073 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

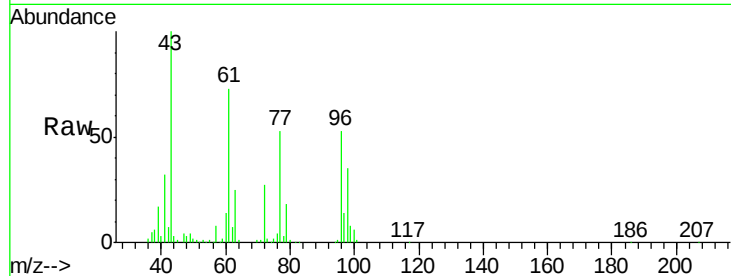
Tot Ion: 96 Resp: 202395

Ion Ratio Lower Upper

96 100

61 140.6 0.0 280.6

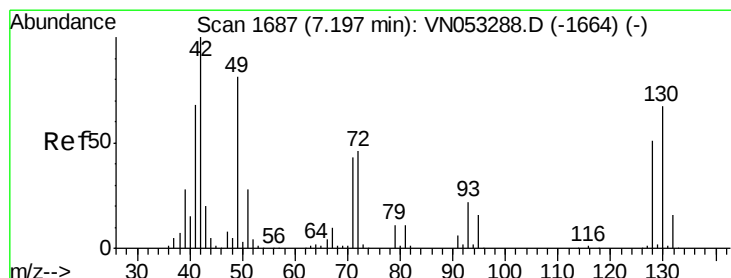
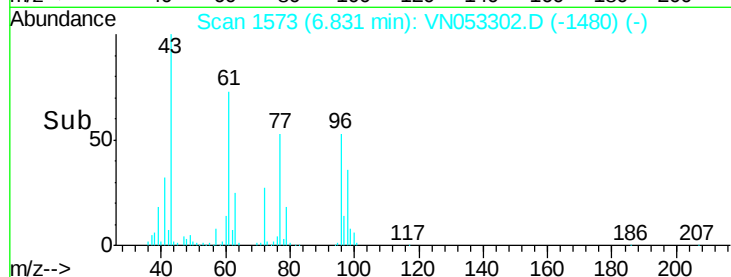
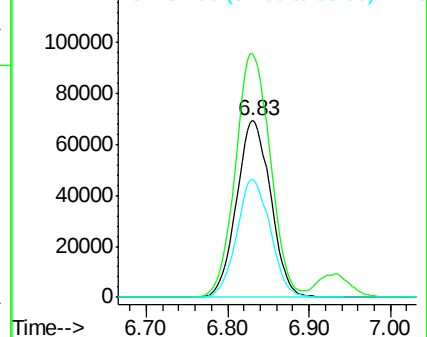
98 65.6 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.807 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

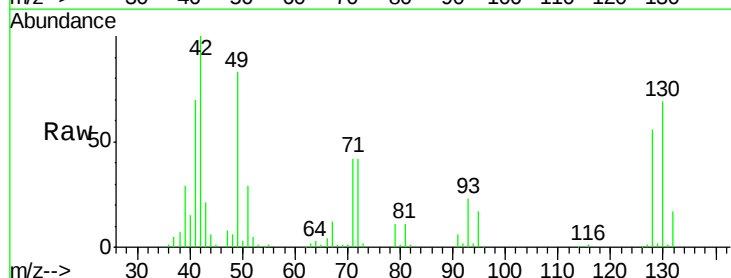
Tgt Ion: 49 Resp: 153033

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

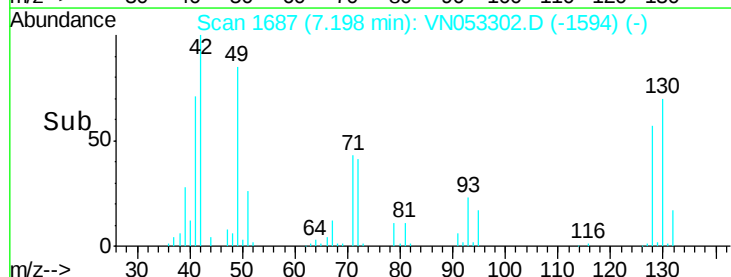
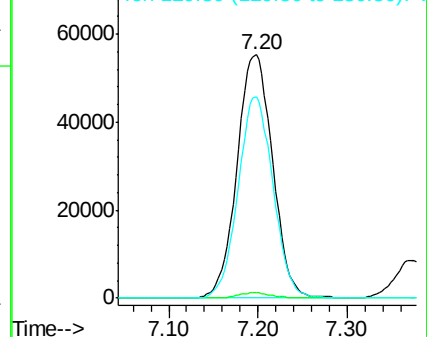
130 81.2 65.4 98.0

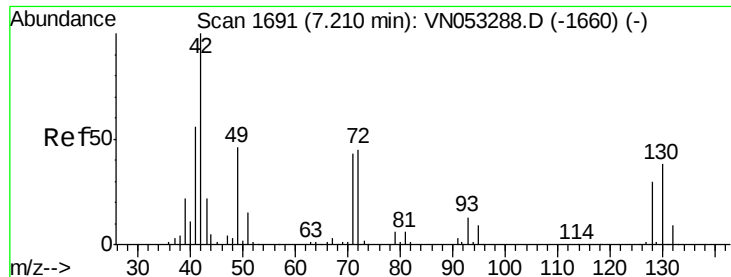


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

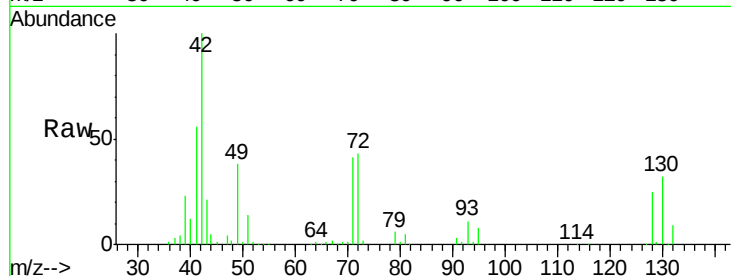




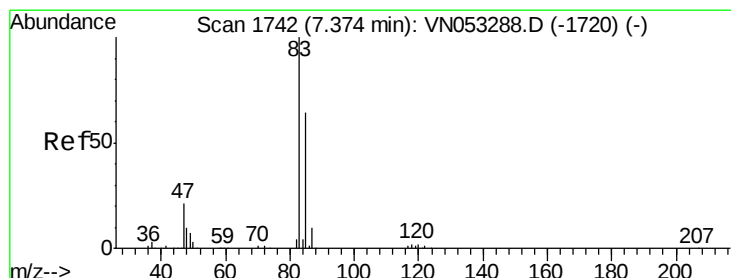
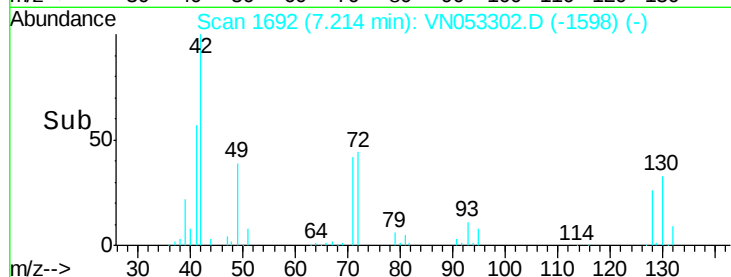
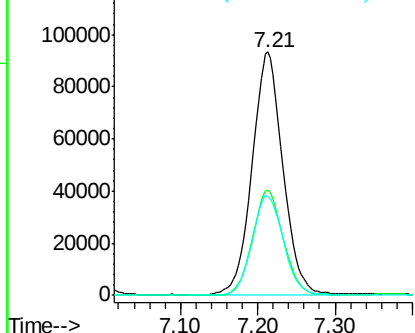
#29  
Tetrahydrofuran  
Concen: 105.181 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1007WBSD01

Tot Ion: 42 Resp: 261096  
Ion Ratio Lower Upper  
42 100  
72 43.2 35.6 53.4  
71 41.6 33.8 50.8

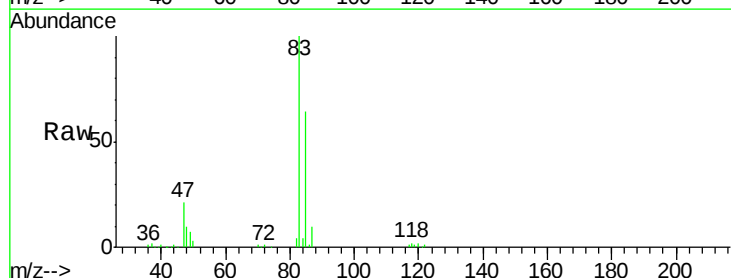


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

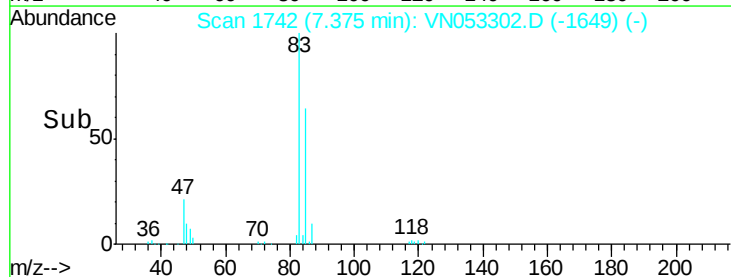
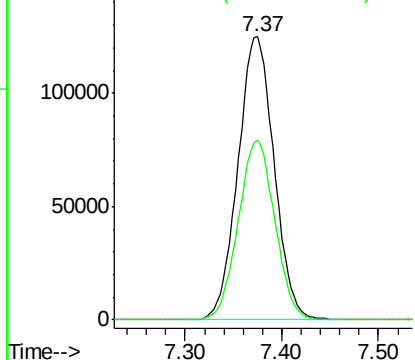


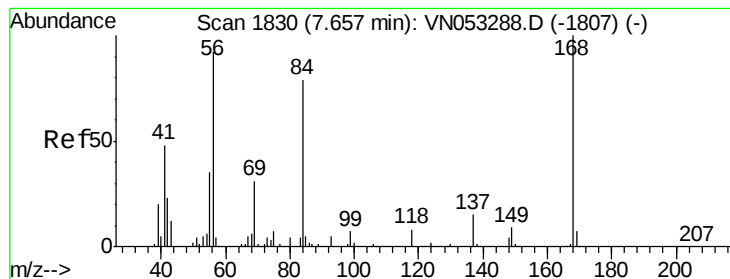
#30  
Chloroform  
Concen: 20.051 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion: 83 Resp: 324994  
Ion Ratio Lower Upper  
83 100  
85 63.7 51.3 76.9



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





#31

Cyclohexane

Concen: 20.290 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

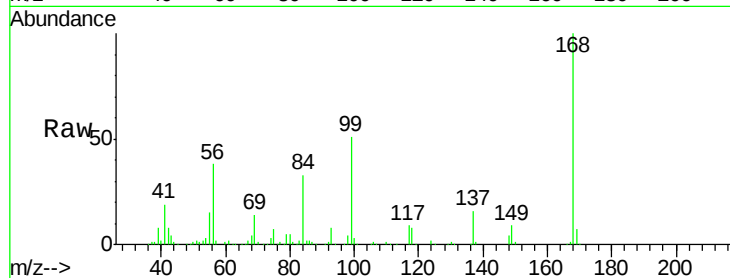
Tot Ion: 56 Resp: 319326

Ion Ratio Lower Upper

56 100

69 37.9 26.7 40.1

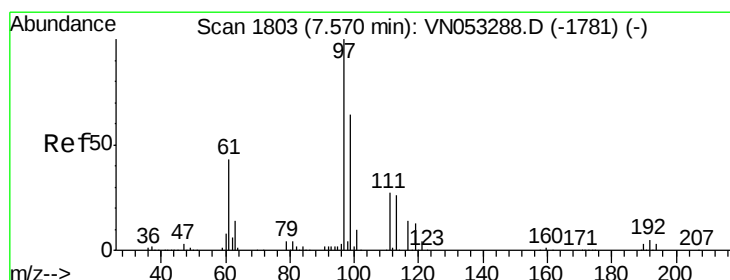
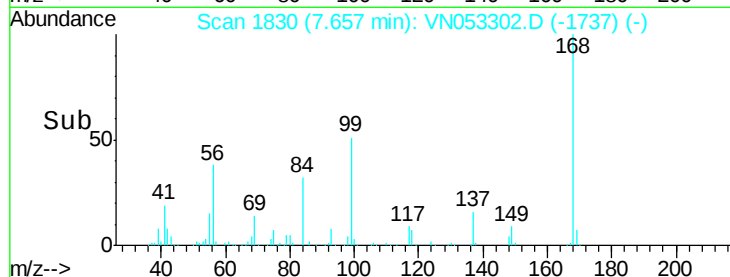
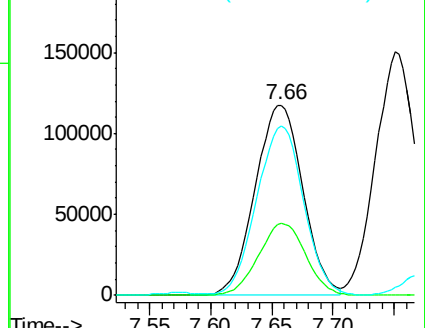
84 87.8 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VN053302.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN053302.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN053302.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 19.941 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

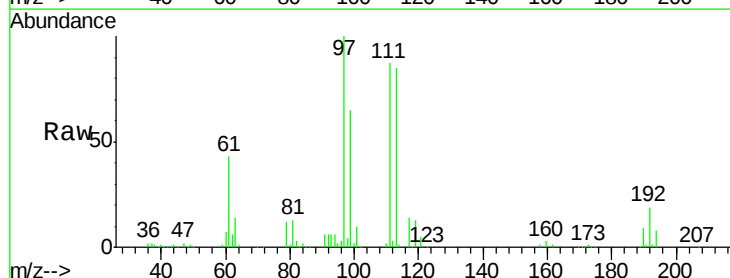
Tgt Ion: 97 Resp: 269342

Ion Ratio Lower Upper

97 100

99 65.2 51.6 77.4

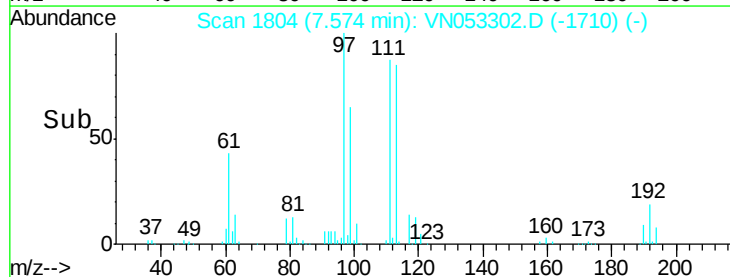
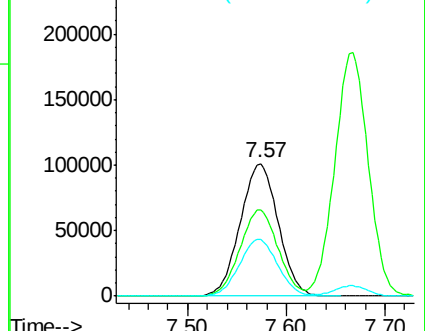
61 43.2 34.6 52.0

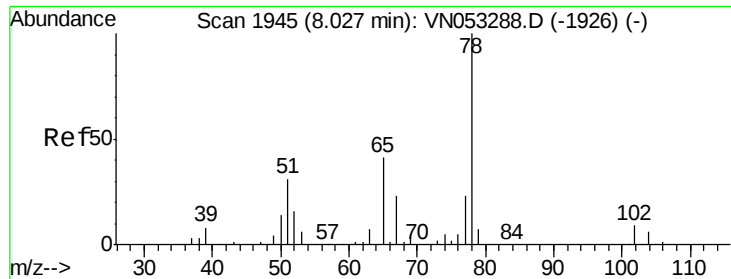


Abundance Ion 96.90 (96.60 to 97.60): VN053302.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN053302.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN053302.D (-1710) (-)





#33

1,2-Dichloroethane-d4

Concen: 19.941 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

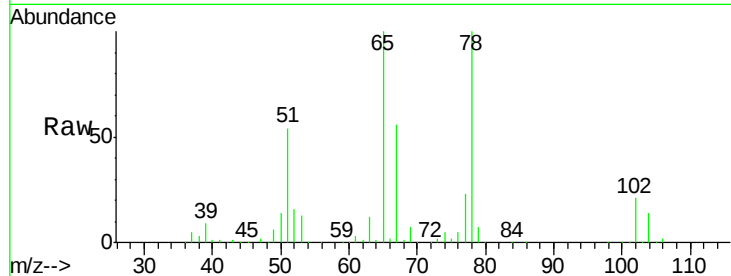
VN1007WBSD01

Tot Ion: 65 Resp: 463251

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN053302.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053302.D (-1852) (-)

8.03

200000

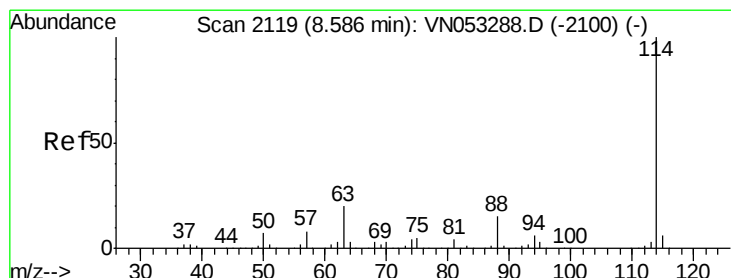
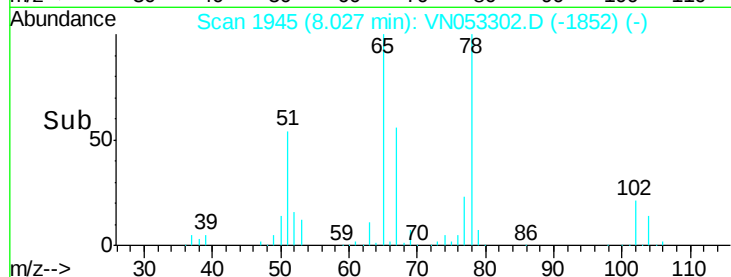
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

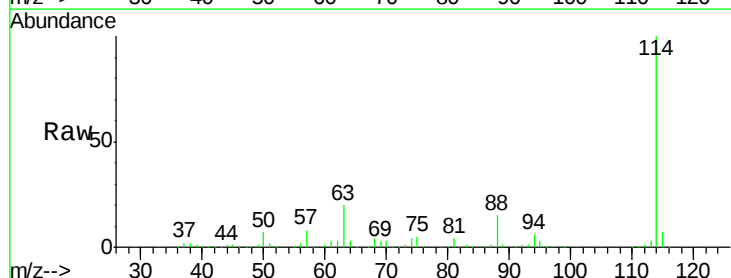
Tgt Ion: 114 Resp: 1359304

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

88 15.4 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN053302.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053302.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053302.D (-2026) (-)

8.59

800000

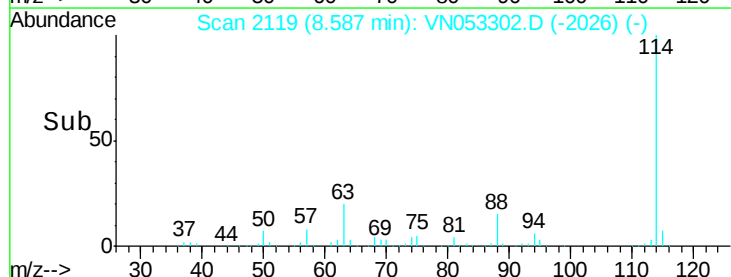
600000

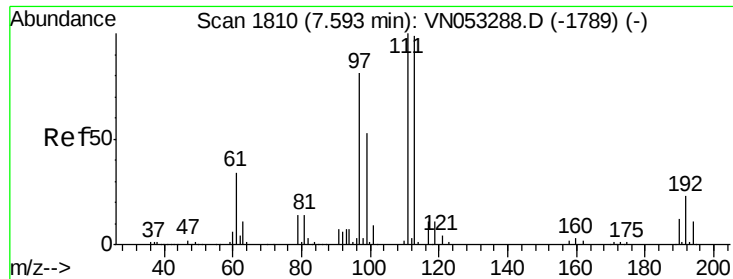
400000

200000

0

Time-->

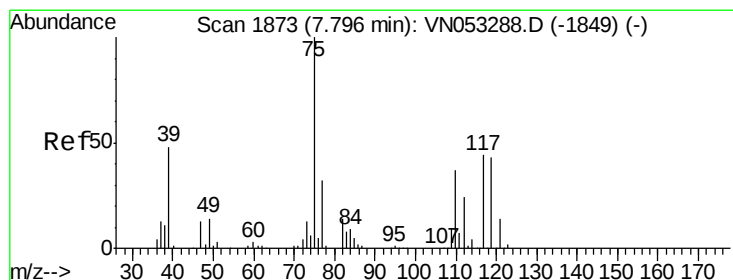
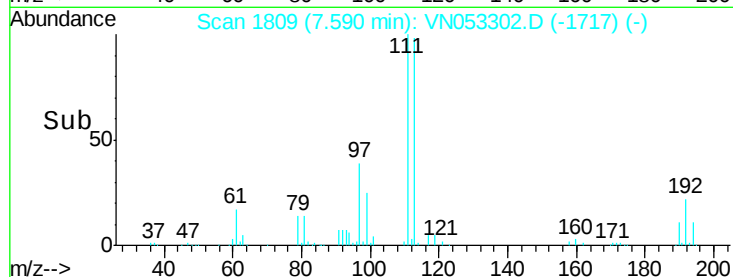
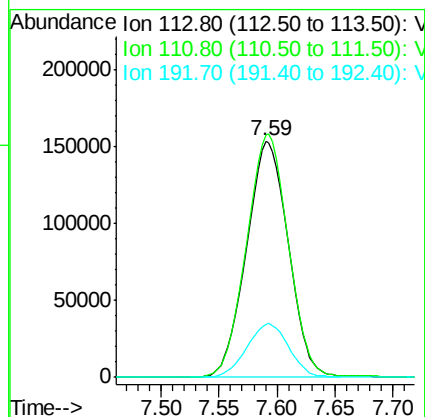
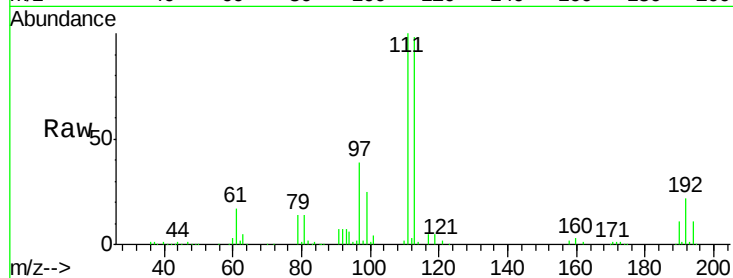




#35  
Dibromofluoromethane  
Concen: 50.000 ug/l  
RT: 7.59 min Scan# 1809  
Delta R.T. -0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

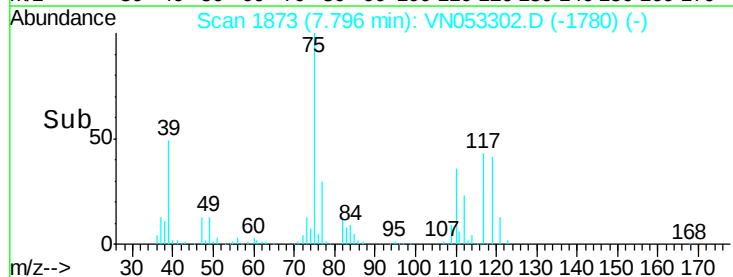
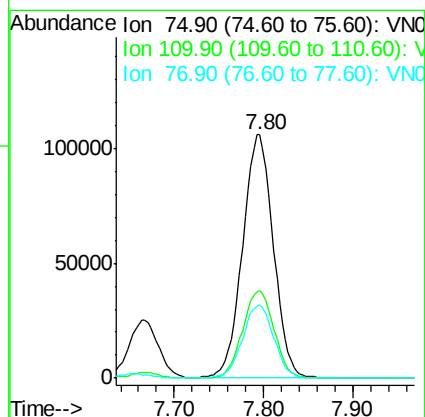
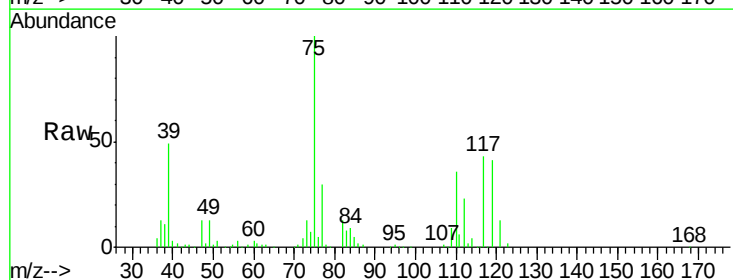
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1007WBSD01

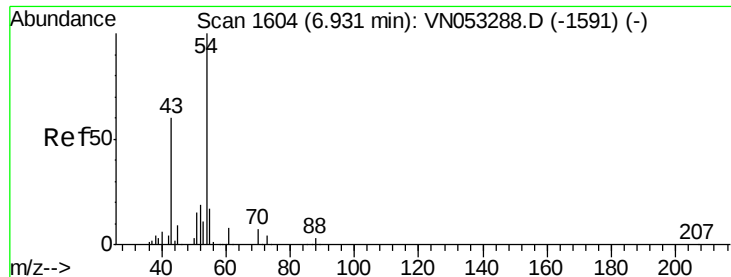
Tot Ion:113 Resp: 385680  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.4 122.2  
192 22.8 17.9 26.9



#36  
1,1-Dichloropropene  
Concen: 20.007 ug/l  
RT: 7.80 min Scan# 1873  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion: 75 Resp: 253883  
Ion Ratio Lower Upper  
75 100  
110 36.5 18.4 55.0  
77 30.5 25.3 37.9

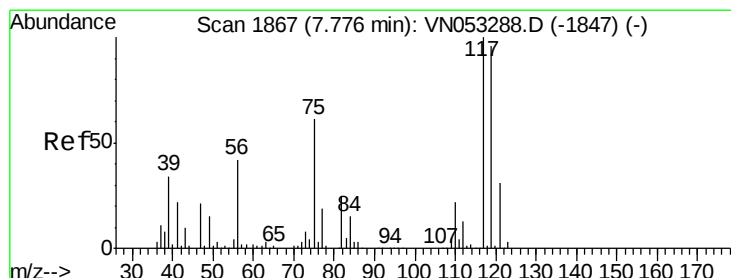
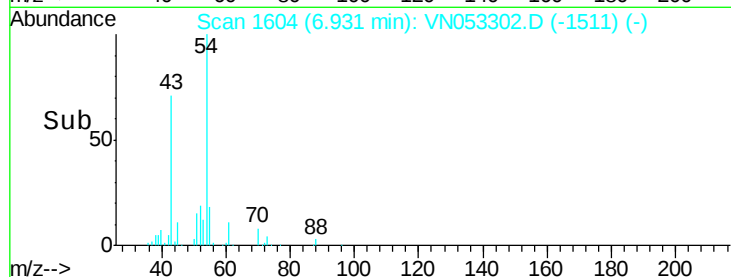
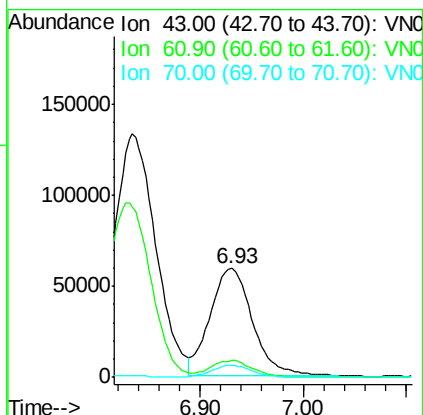
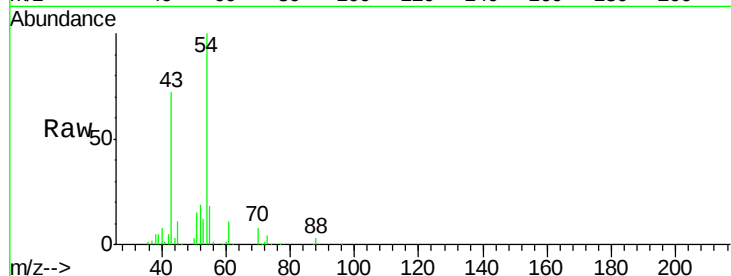




#37  
Ethyl Acetate  
Concen: 20.610 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

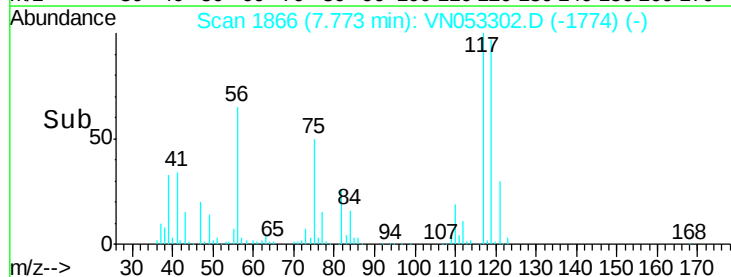
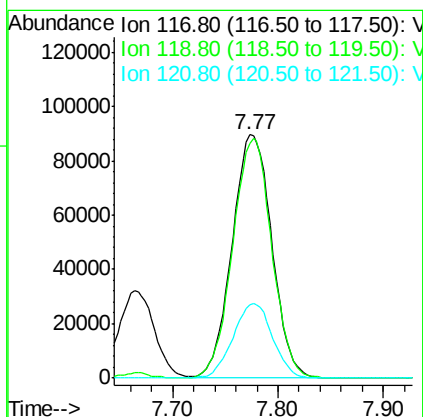
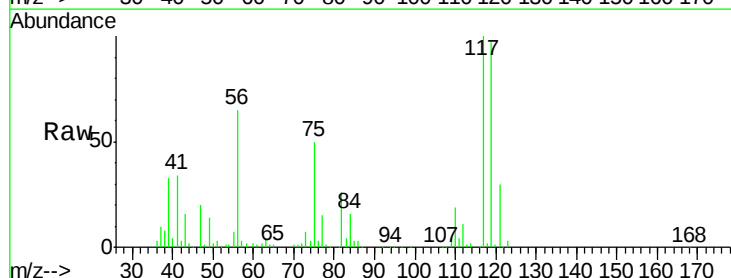
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1007WBSD01

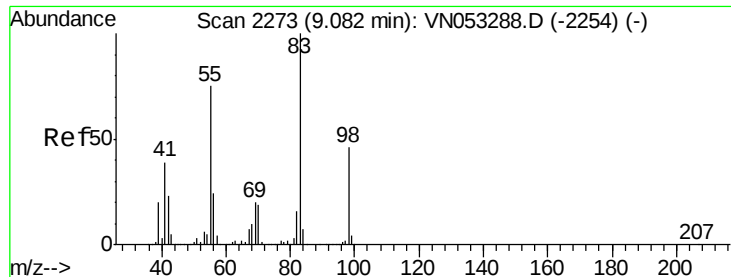
Tot Ion: 43 Resp: 170354  
Ion Ratio Lower Upper  
43 100  
61 15.1 11.9 17.9  
70 11.0 8.6 13.0



#38  
Carbon Tetrachloride  
Concen: 20.027 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. -0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion: 117 Resp: 234572  
Ion Ratio Lower Upper  
117 100  
119 96.6 76.6 115.0  
121 30.0 25.0 37.4

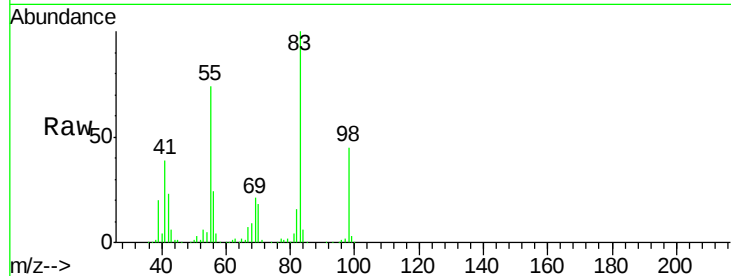




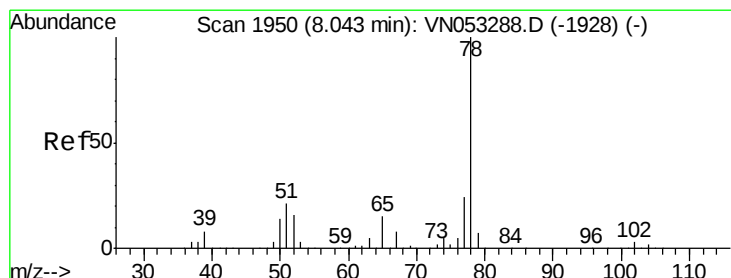
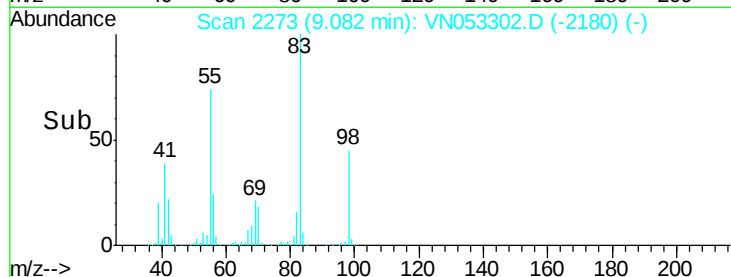
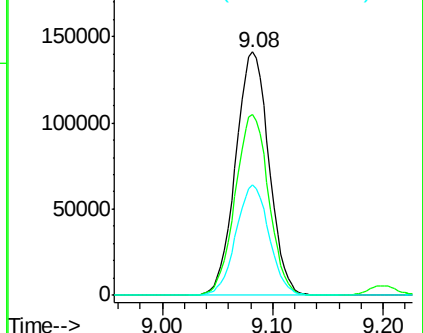
#39  
Methvlcvclohexane  
Concen: 20.122 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1007WBSD01

Tot Ion: 83 Resp: 295821  
Ion Ratio Lower Upper  
83 100  
55 74.3 60.1 90.1  
98 45.4 36.7 55.1

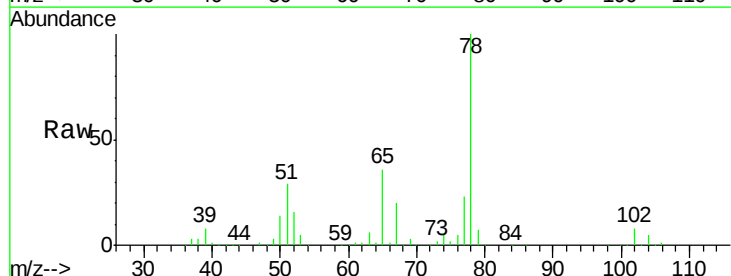


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

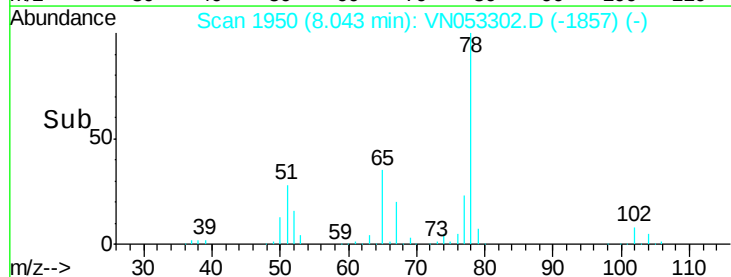
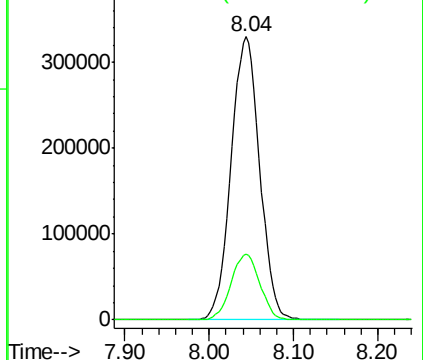


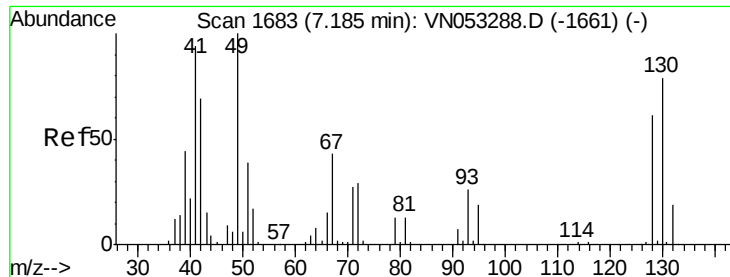
#40  
Benzene  
Concen: 20.073 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion: 78 Resp: 778106  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.0 28.4



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

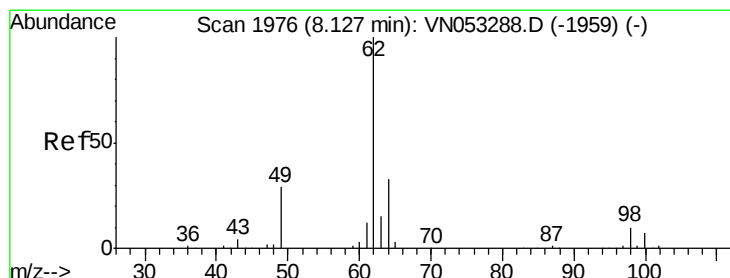
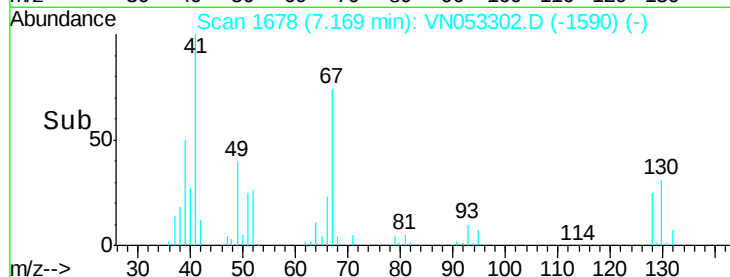
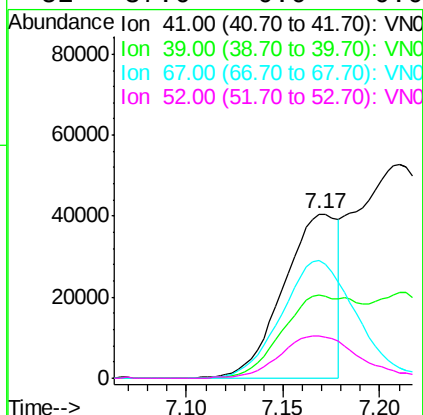
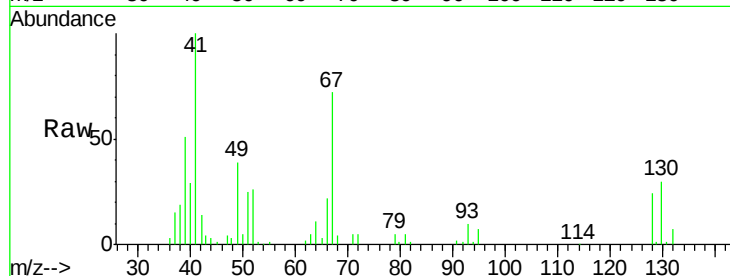




#41  
Methacrylonitrile  
Concen: 15.444 ug/l  
RT: 7.17 min Scan# 1678  
Delta R.T. -0.02 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

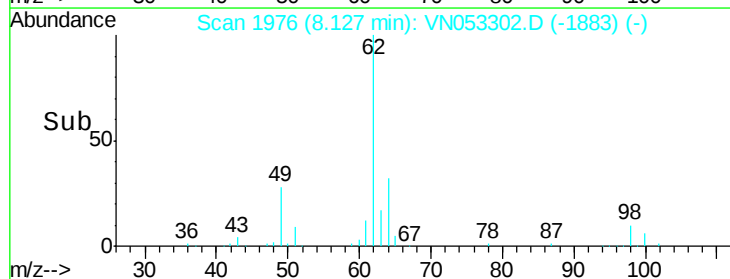
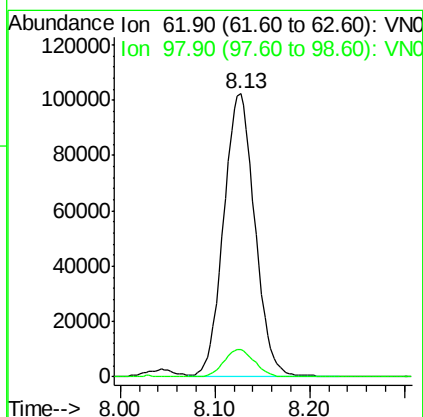
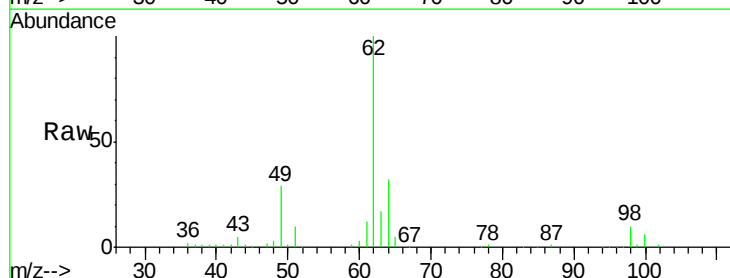
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1007WBSD01

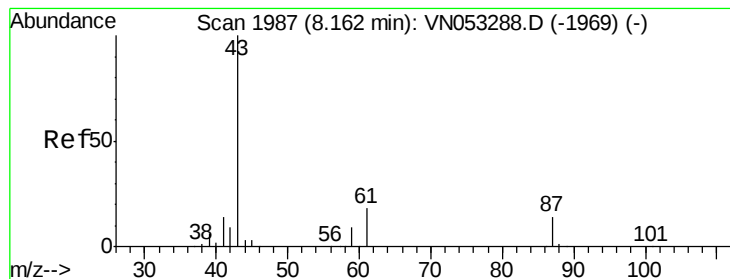
Tot Ion: 41 Resp: 79253  
Ion Ratio Lower Upper  
41 100  
39 69.7 0.0 0.0#  
67 99.4 0.0 0.0#  
52 37.6 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 20.321 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion: 62 Resp: 233650  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 20.2





#43

Isopropyl Acetate

Concen: 19.334 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

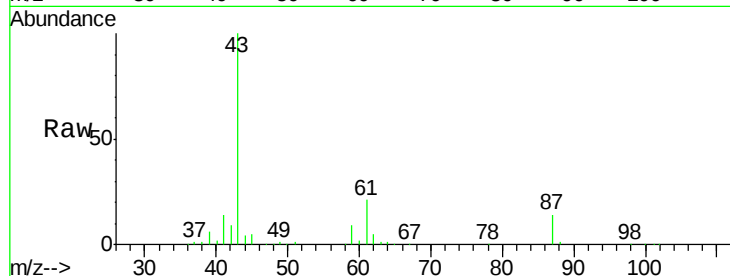
Tot Ion: 43 Resp: 314378

Ion Ratio Lower Upper

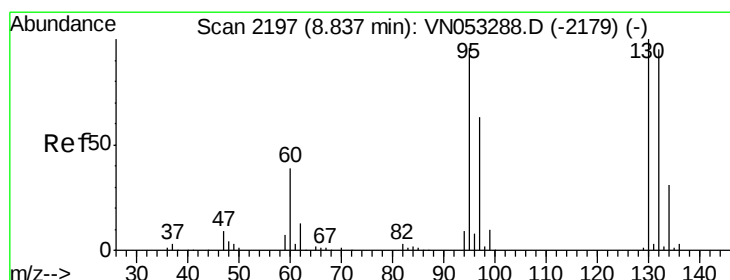
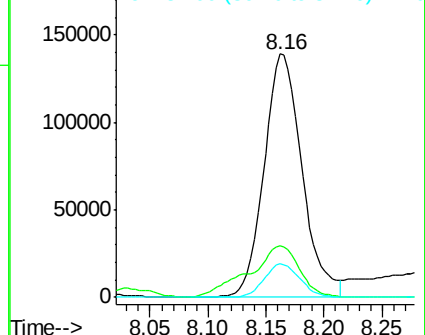
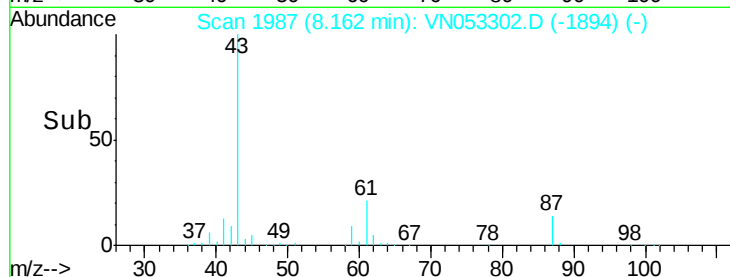
43 100

61 27.7 23.3 34.9

87 13.2 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053302.D (-1894) (-)



#44

Trichloroethene

Concen: 19.650 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053302.D

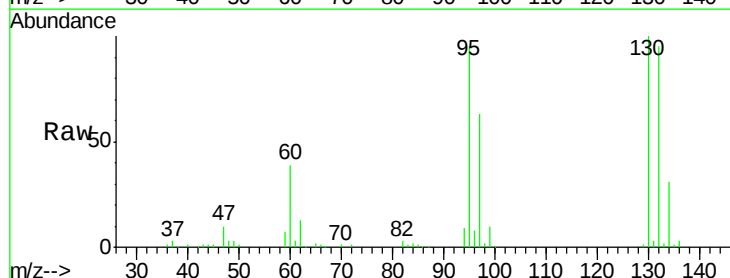
Acq: 7 Jan 2019 14:07

Tgt Ion:130 Resp: 209153

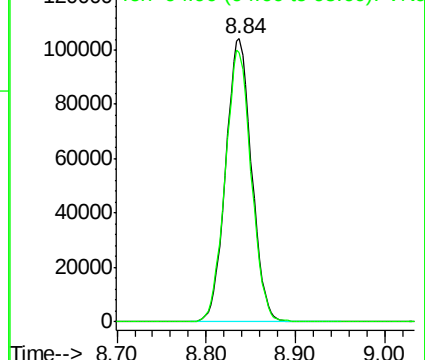
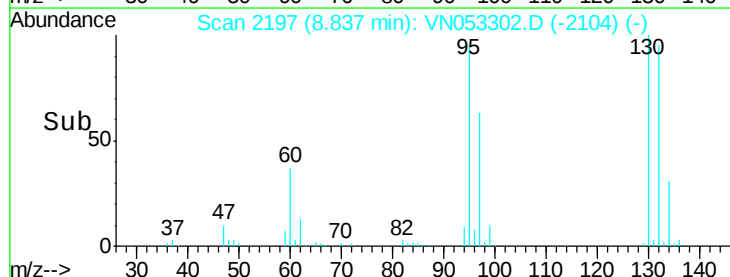
Ion Ratio Lower Upper

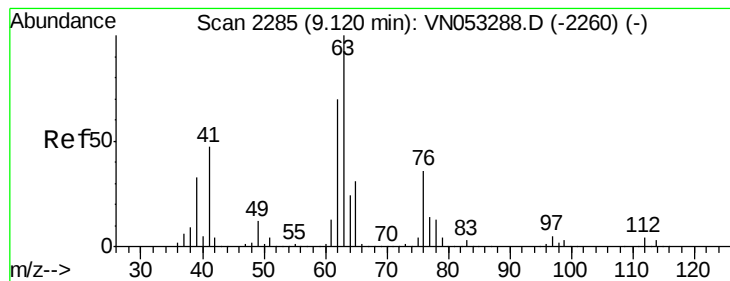
130 100

95 95.3 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VN053302.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 20.168 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampled :

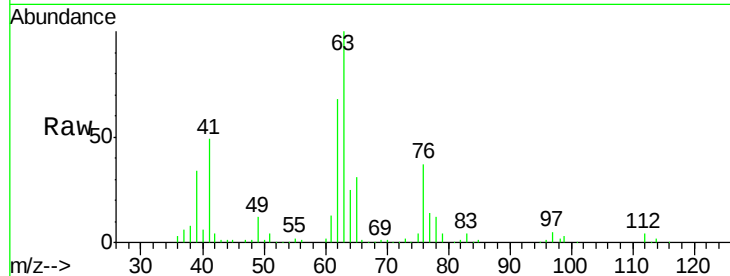
VN1007WBSD01

Tot Ion: 63 Resp: 205043

Ion Ratio Lower Upper

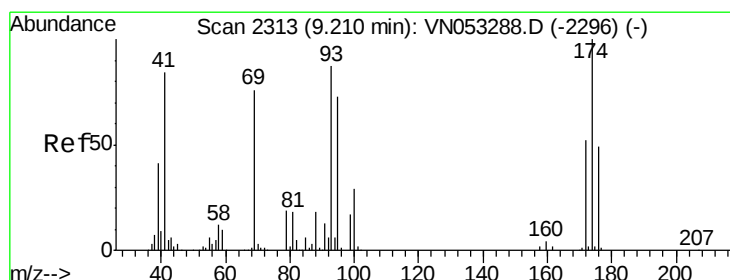
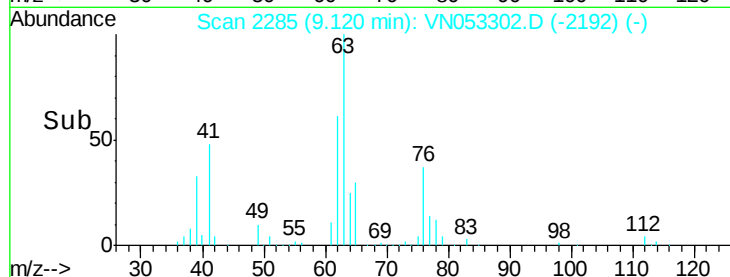
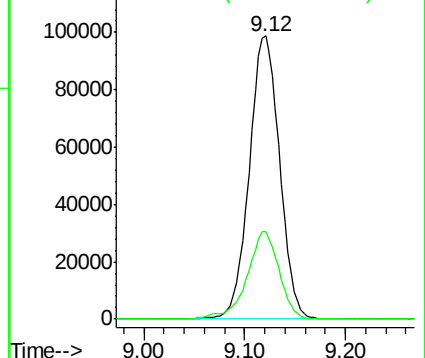
63 100

65 31.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.324 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

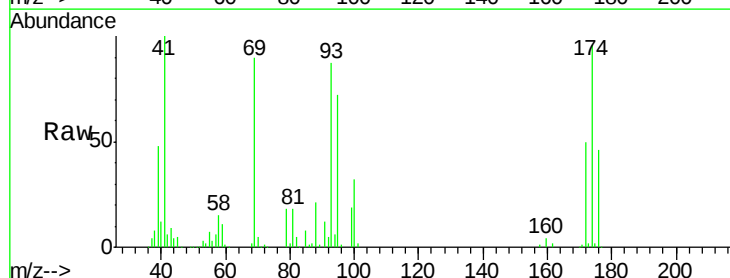
Tgt Ion: 93 Resp: 120479

Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

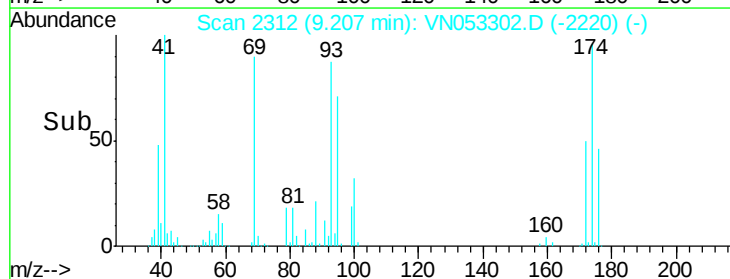
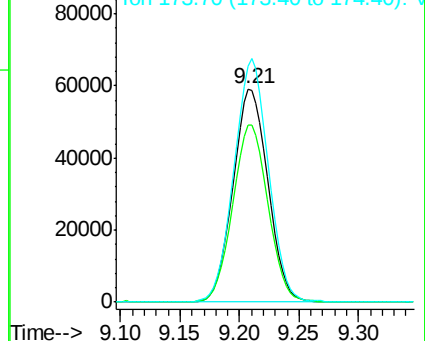
174 112.5 91.4 137.0

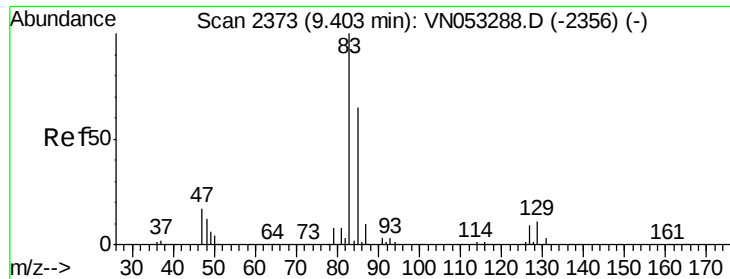


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

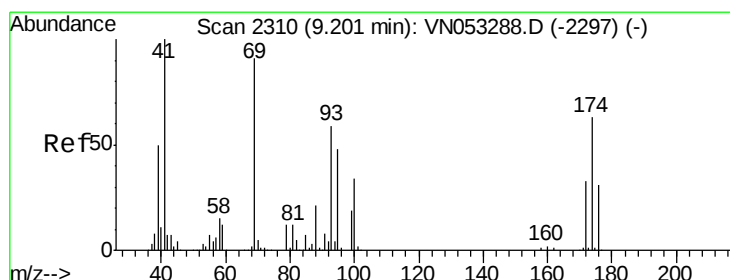
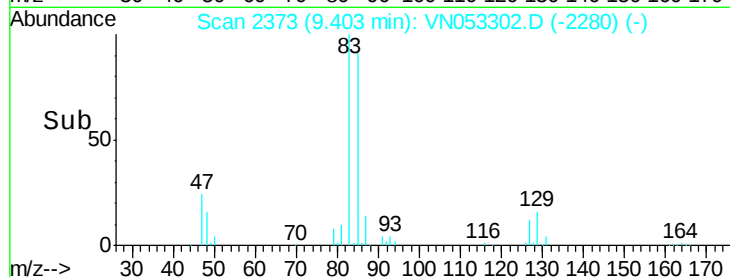
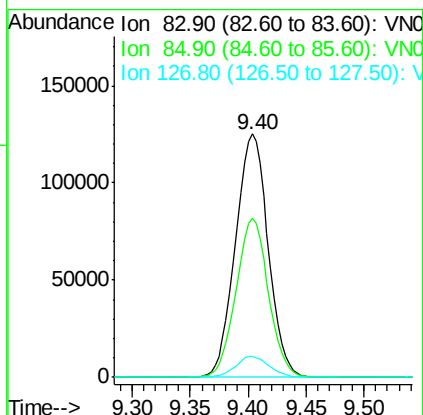
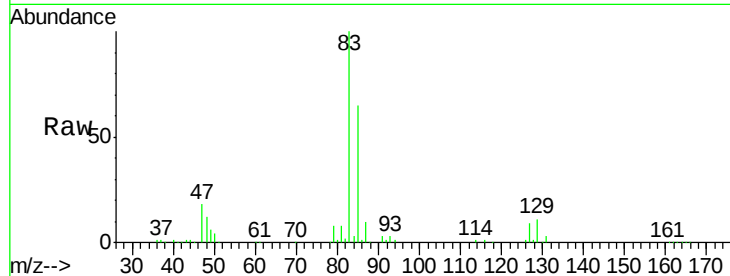




#47  
Bromodichloromethane  
Concen: 19.796 ug/l  
RT: 9.40 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

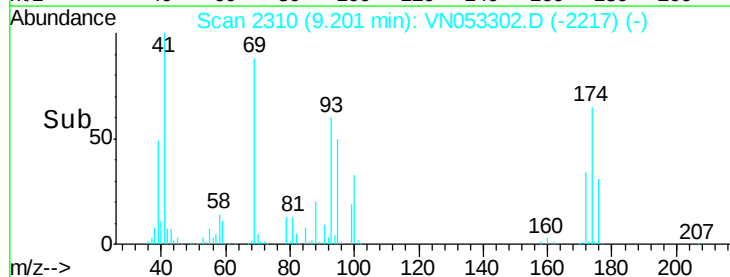
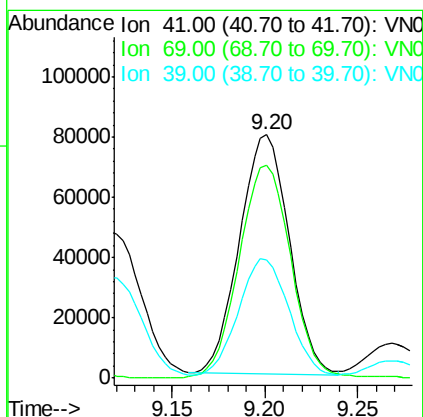
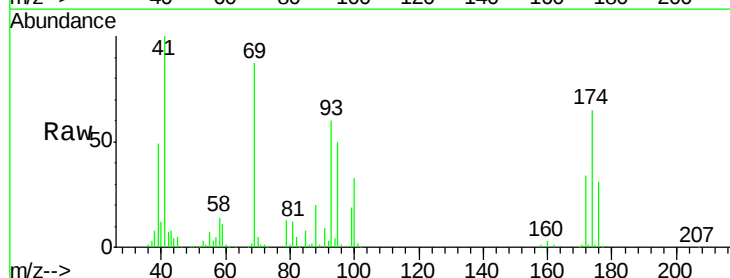
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1007WBSD01

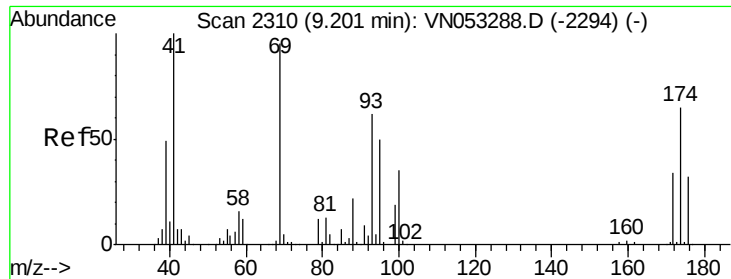
Tot Ion: 83 Resp: 244546  
Ion Ratio Lower Upper  
83 100  
85 65.4 51.7 77.5  
127 8.7 7.0 10.6



#48  
Methyl methacrylate  
Concen: 20.007 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion: 41 Resp: 147803  
Ion Ratio Lower Upper  
41 100  
69 93.3 73.5 110.3  
39 52.2 41.6 62.4





#49

1,4-Dioxane

Concen: 442.749 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

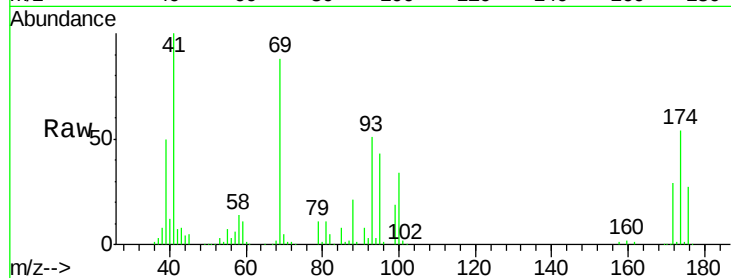
Tot Ion: 88 Resp: 34848

Ion Ratio Lower Upper

88 100

43 31.1 26.2 39.4

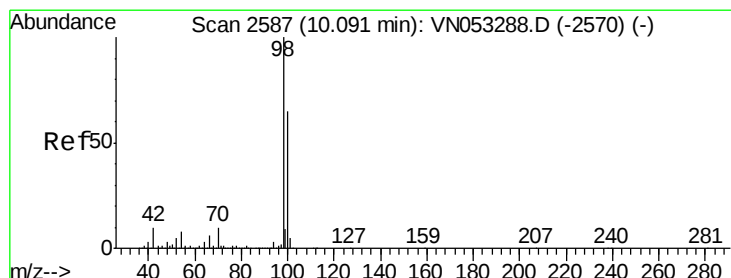
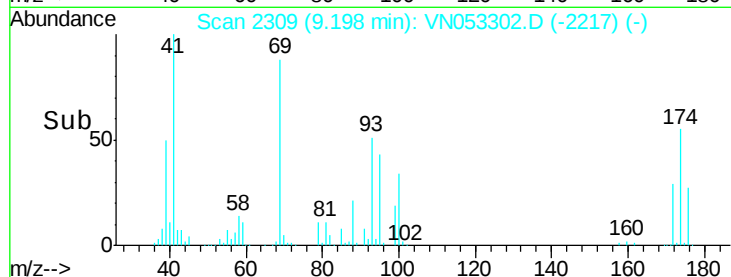
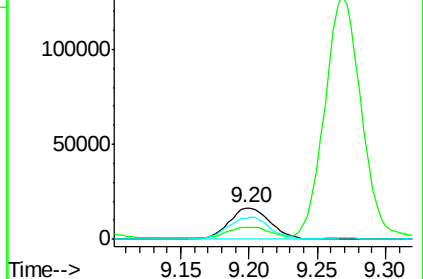
58 70.7 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VN053302.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN053302.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN053302.D (-2217) (-)



#50

Toluene-d8

Concen: 442.749 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053302.D

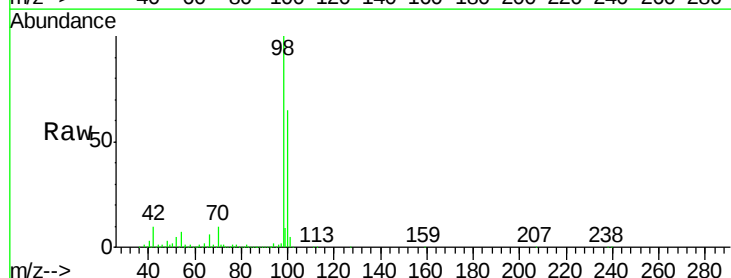
Acq: 7 Jan 2019 14:07

Tgt Ion: 98 Resp: 1655450

Ion Ratio Lower Upper

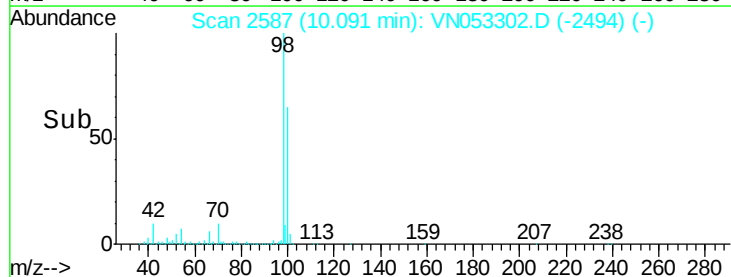
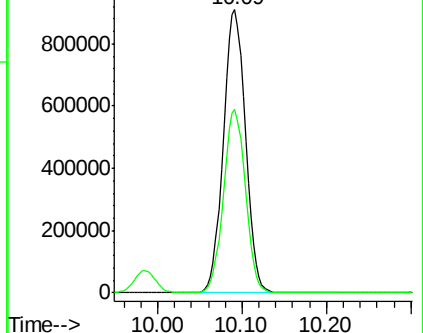
98 100

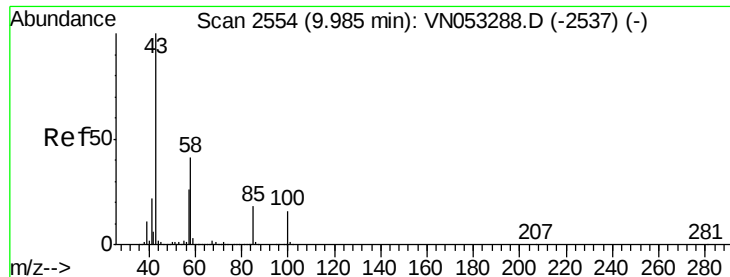
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053302.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053302.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 104.357 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampled :

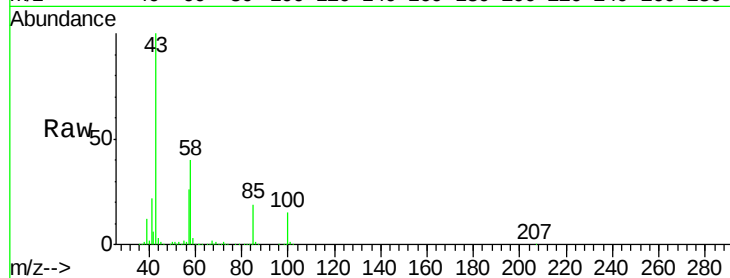
VN1007WBSD01

Tot Ion: 43 Resp: 853355

Ion Ratio Lower Upper

43 100

58 40.2 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN053302.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN053302.D (-2461) (-)

9.98

400000

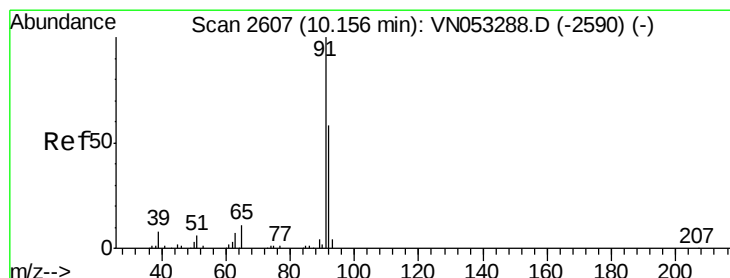
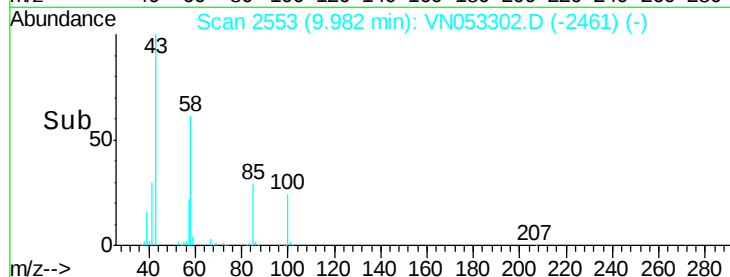
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.102 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053302.D

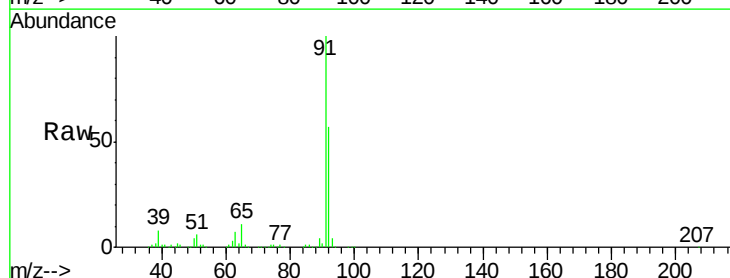
Acq: 7 Jan 2019 14:07

Tgt Ion: 92 Resp: 478043

Ion Ratio Lower Upper

92 100

91 176.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN053302.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN053302.D (-2514) (-)

10.16

400000

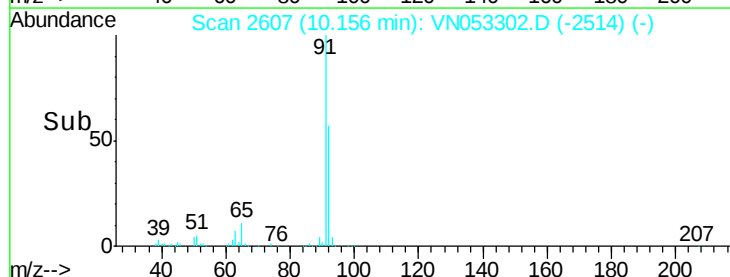
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.140 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

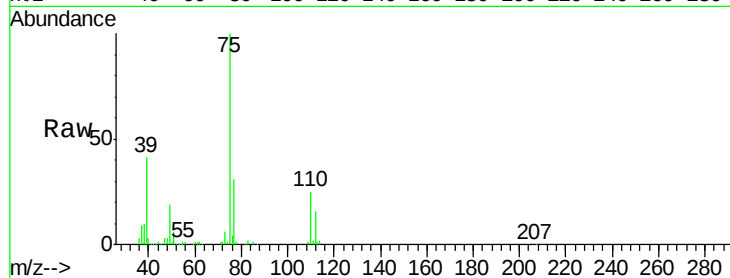
VN1007WBSD01

Tot Ion: 75 Resp: 254515

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO

10.38

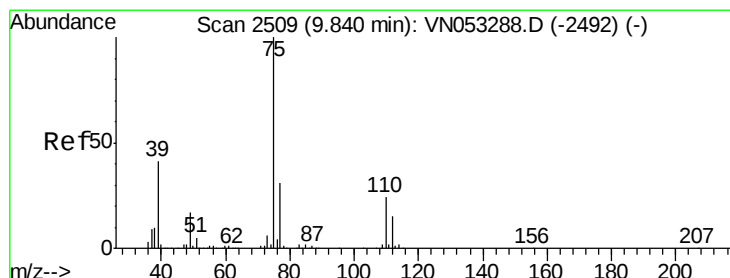
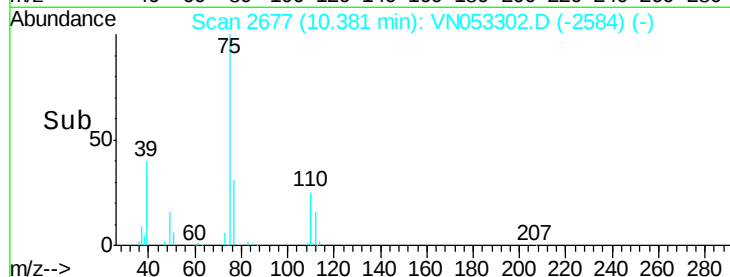
150000

100000

50000

0

Time--> 10.30 10.40



#54

cis-1,3-Dichloropropene

Concen: 20.048 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

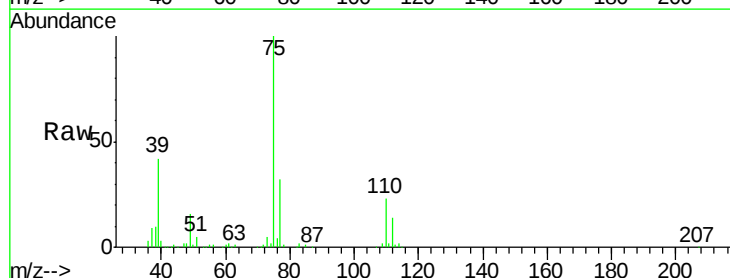
Tgt Ion: 75 Resp: 292761

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 41.6 33.1 49.7



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO

Ion 39.00 (38.70 to 39.70): VNO

9.84

200000

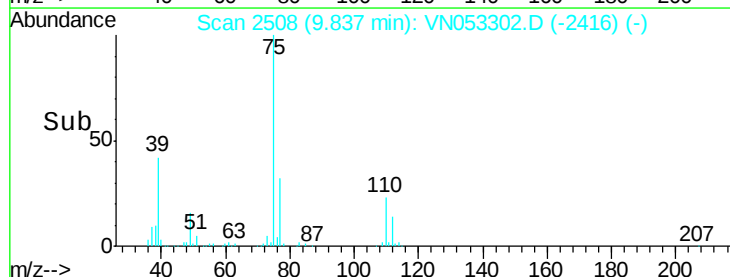
150000

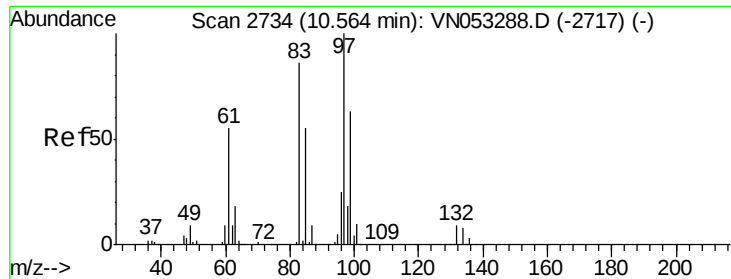
100000

50000

0

Time--> 9.75 9.80 9.85 9.90 9.95





#55

1,1,2-Trichloroethane

Concen: 19.781 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampled :

VN1007WBSD01

Tot Ion: 97 Resp: 172968

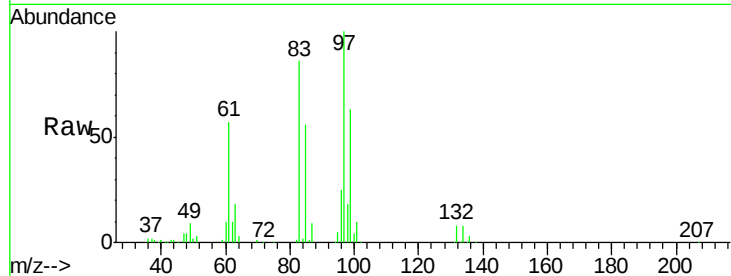
Ion Ratio Lower Upper

97 100

83 85.8 69.1 103.7

85 56.4 44.2 66.4

99 62.6 50.3 75.5

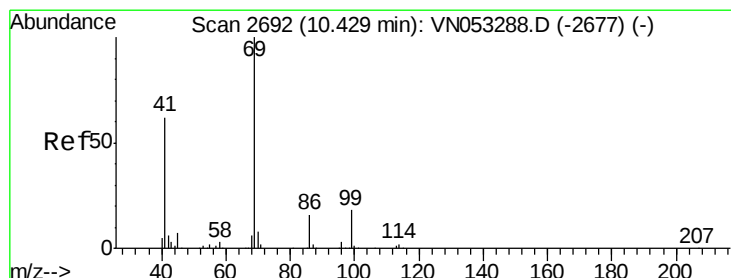
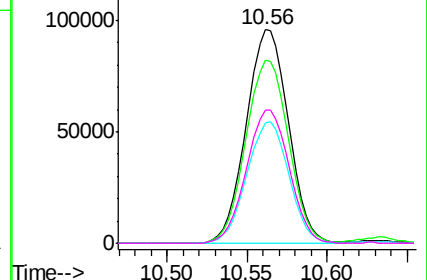
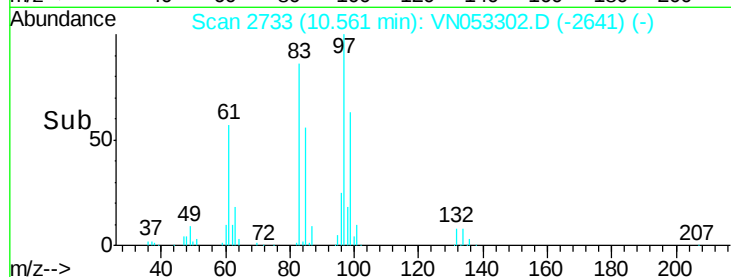


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 20.504 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

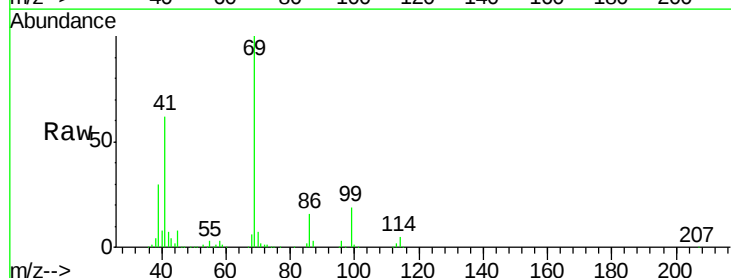
Tgt Ion: 69 Resp: 232988

Ion Ratio Lower Upper

69 100

41 62.0 49.2 73.8

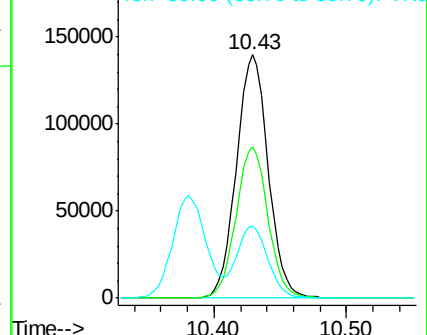
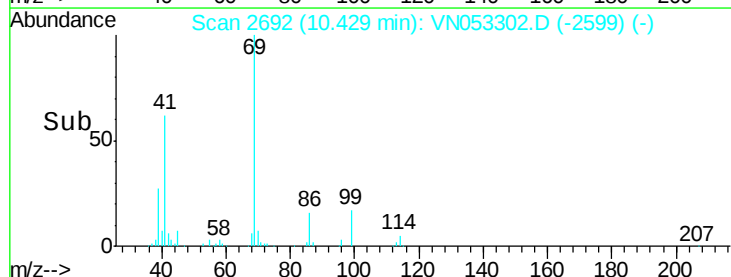
39 29.1 23.4 35.0

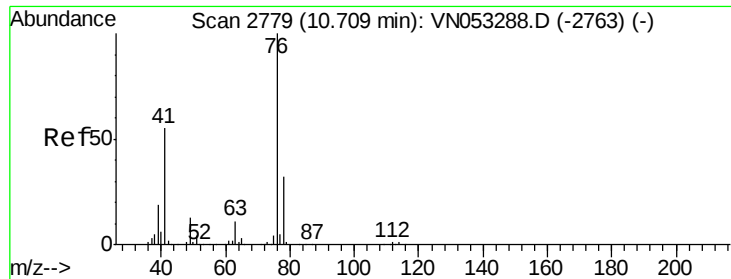


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 20.398 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

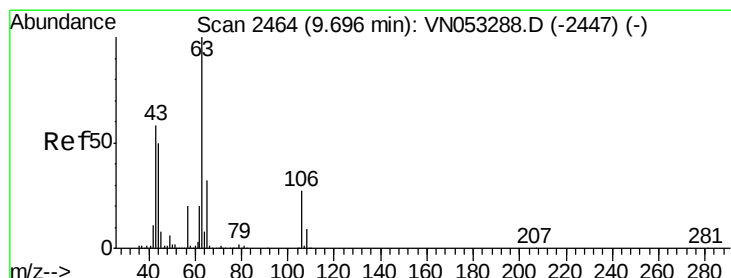
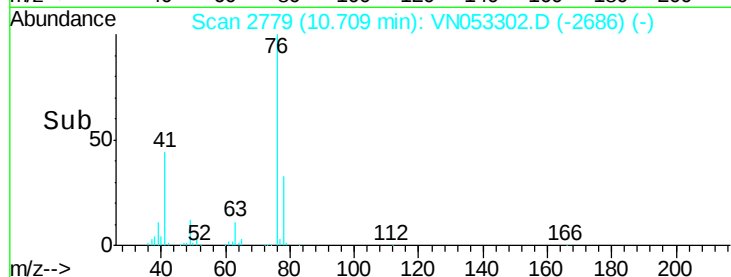
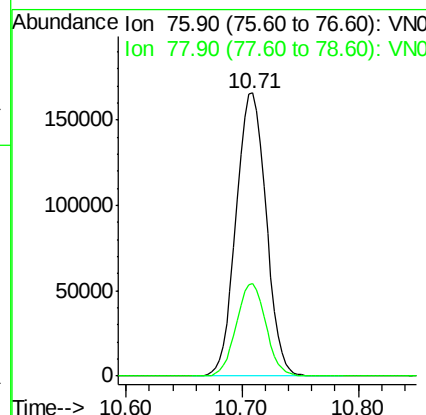
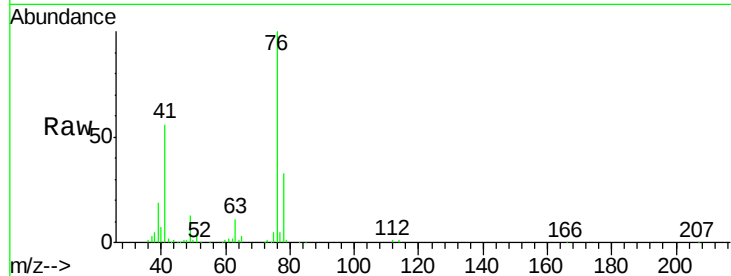
VN1007WBSD01

Tot Ion: 76 Resp: 298270

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 99.427 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053302.D

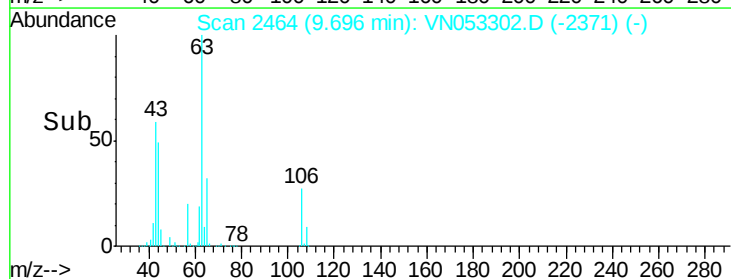
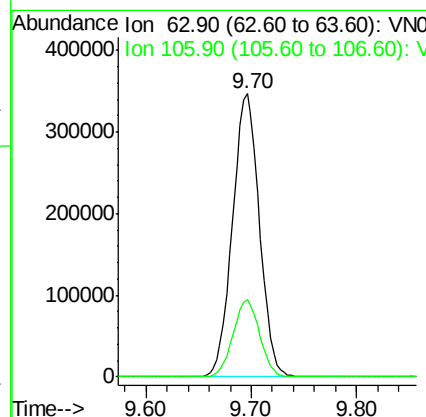
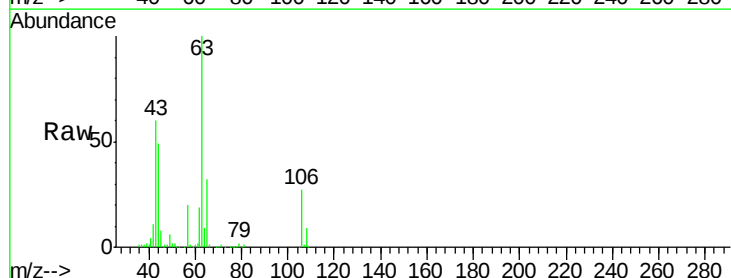
Acq: 7 Jan 2019 14:07

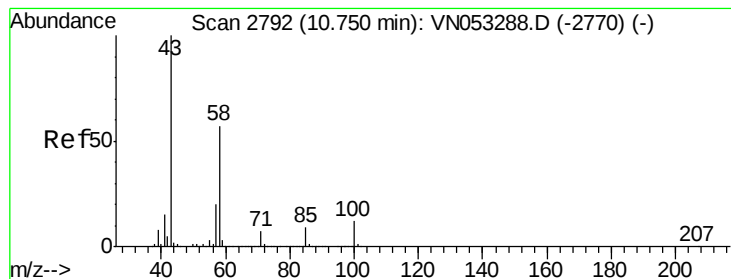
Tgt Ion: 63 Resp: 610801

Ion Ratio Lower Upper

63 100

106 27.1 21.7 32.5





#59

2-Hexanone

Concen: 104.337 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

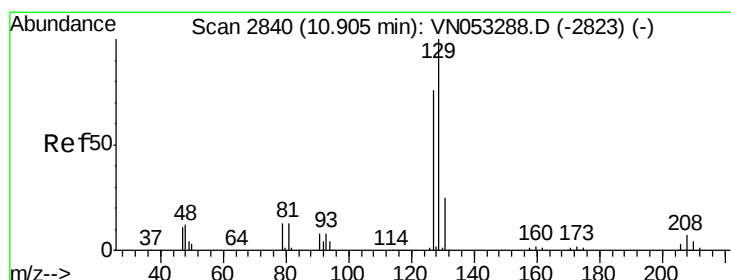
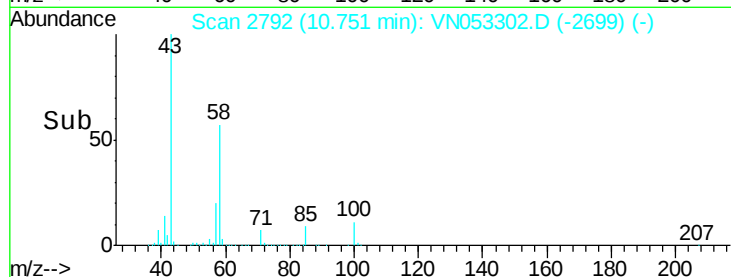
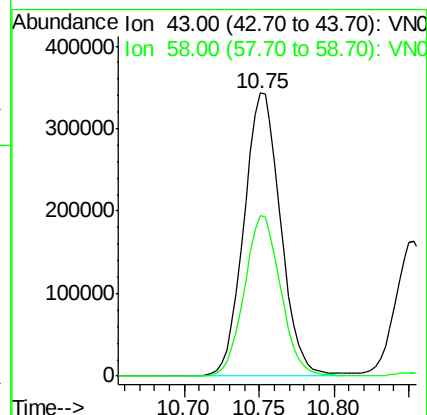
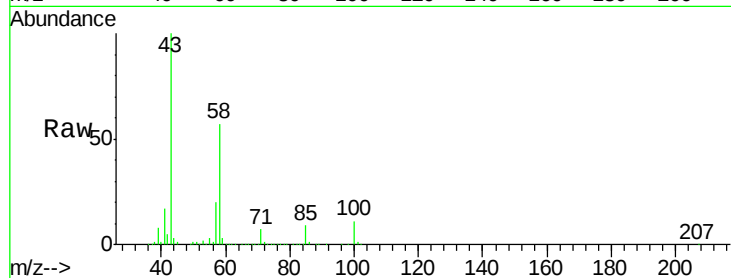
VN1007WBSD01

Tot Ion: 43 Resp: 584574

Ion Ratio Lower Upper

43 100

58 56.2 28.3 85.0



#60

Dibromochloromethane

Concen: 19.909 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN053302.D

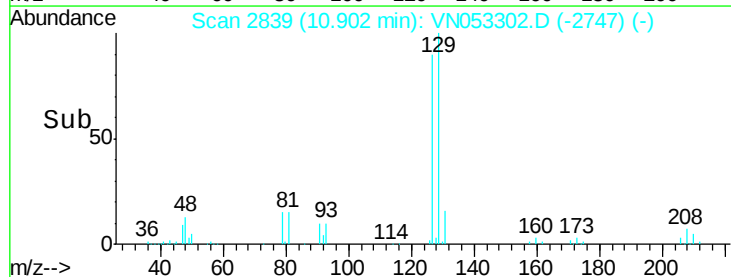
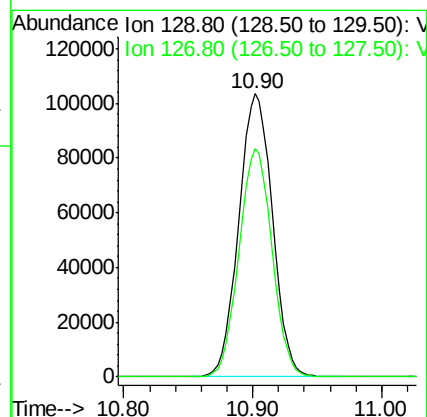
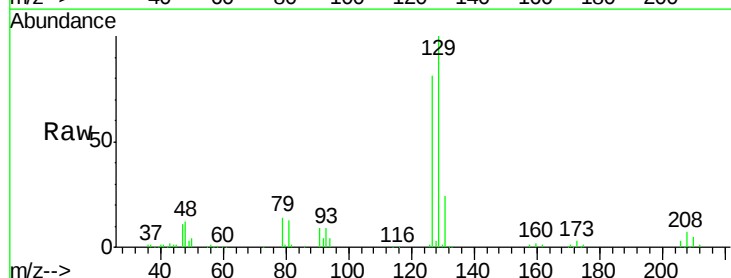
Acq: 7 Jan 2019 14:07

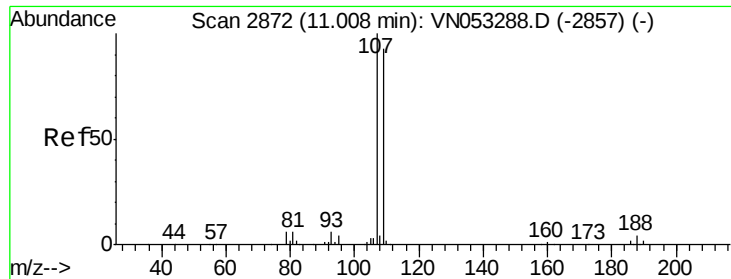
Tgt Ion: 129 Resp: 187767

Ion Ratio Lower Upper

129 100

127 79.0 38.4 115.2

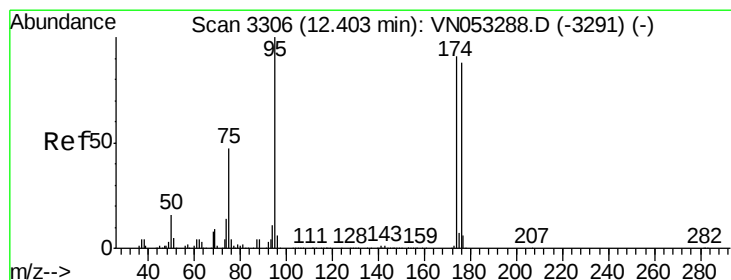
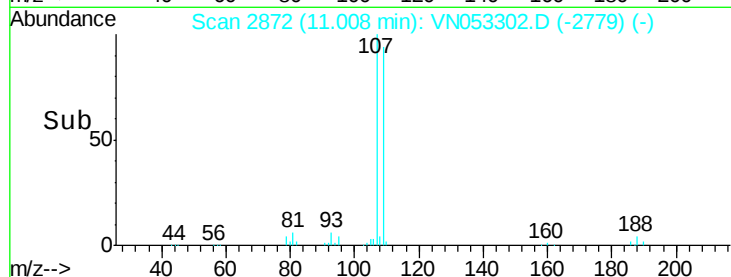
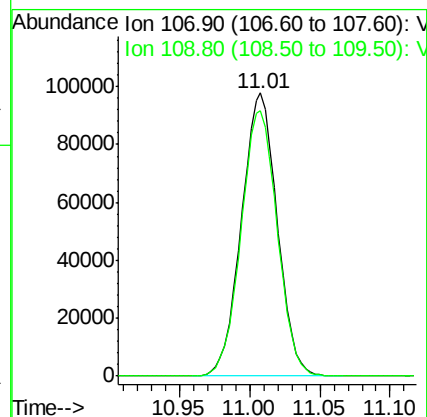
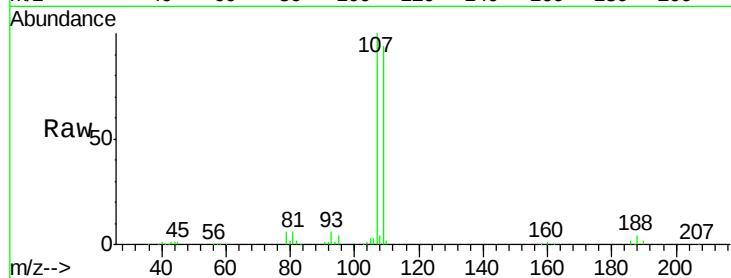




#61  
 1,2-Dibromoethane  
 Concen: 20.115 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN053302.D  
 Acq: 7 Jan 2019 14:07

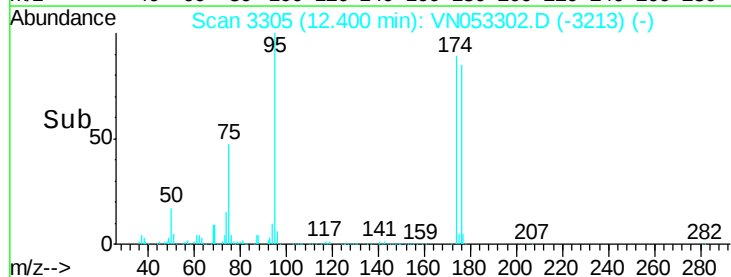
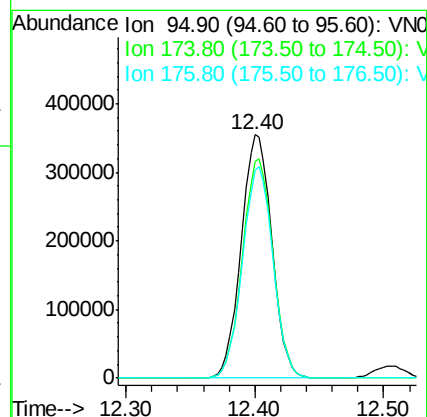
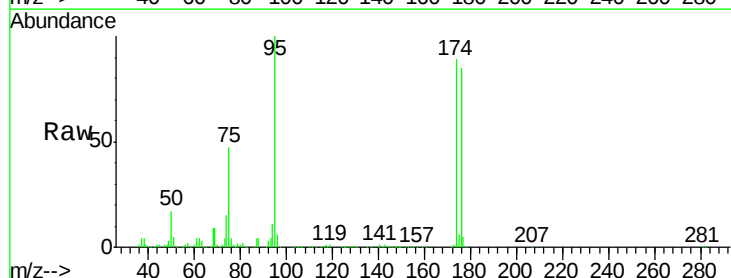
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1007WBSD01

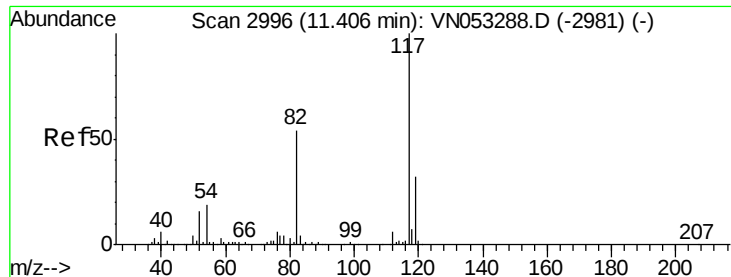
Tot Ion:107 Resp: 173570  
 Ion Ratio Lower Upper  
 107 100  
 109 95.3 75.0 112.6



#62  
 4-Bromofluorobenzene  
 Concen: 20.115 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN053302.D  
 Acq: 7 Jan 2019 14:07

Tgt Ion: 95 Resp: 585772  
 Ion Ratio Lower Upper  
 95 100  
 174 89.8 0.0 180.4  
 176 86.6 0.0 175.6

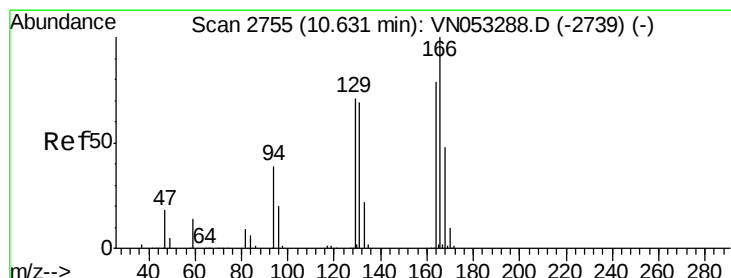
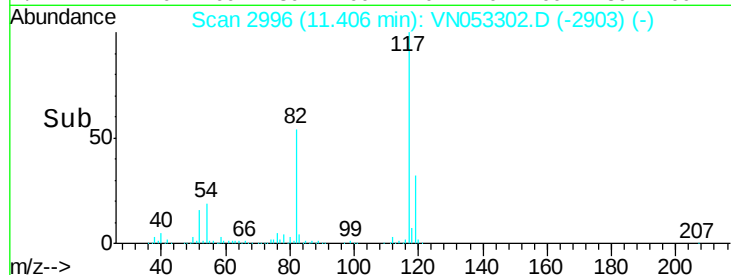
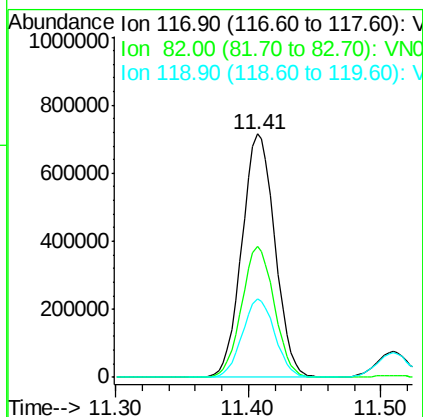
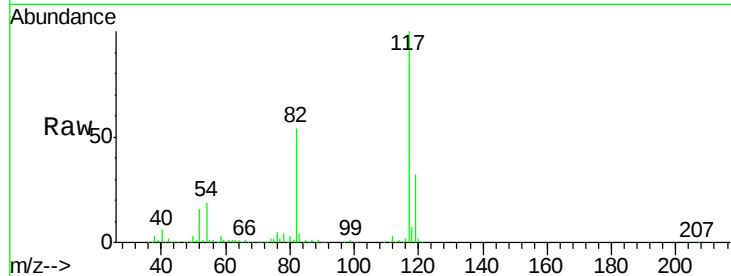




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

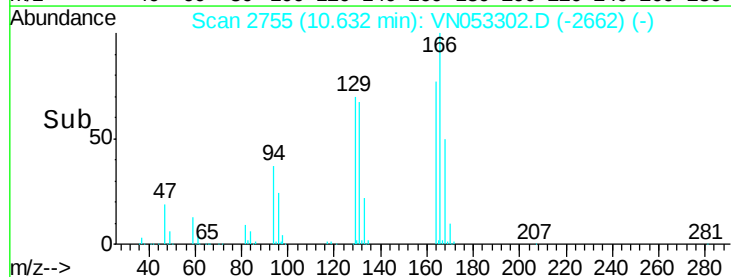
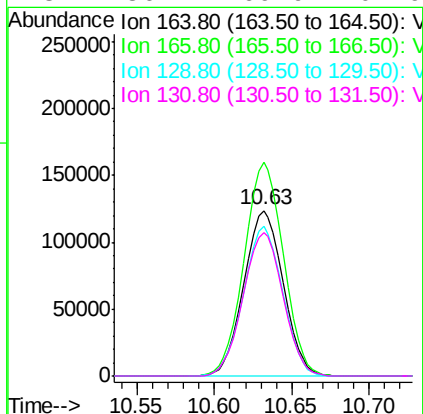
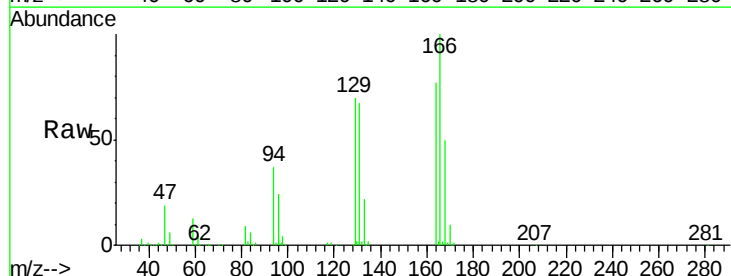
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1007WBSD01

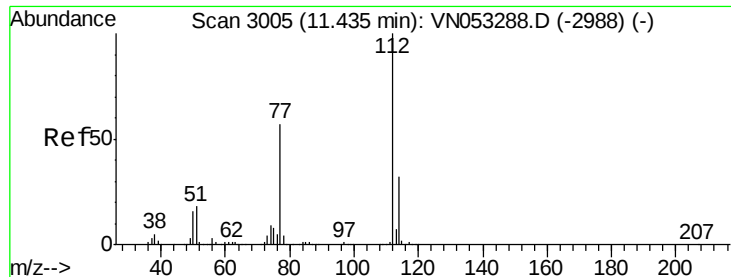
Tot Ion:117 Resp: 1235864  
Ion Ratio Lower Upper  
117 100  
82 53.8 42.9 64.3  
119 32.1 25.6 38.4



#64  
Tetrachloroethene  
Concen: 18.871 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion:164 Resp: 219504  
Ion Ratio Lower Upper  
164 100  
166 129.1 101.7 152.5  
129 90.4 72.1 108.1  
131 86.7 69.9 104.9

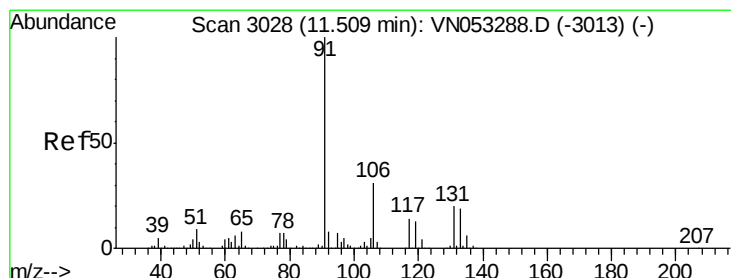
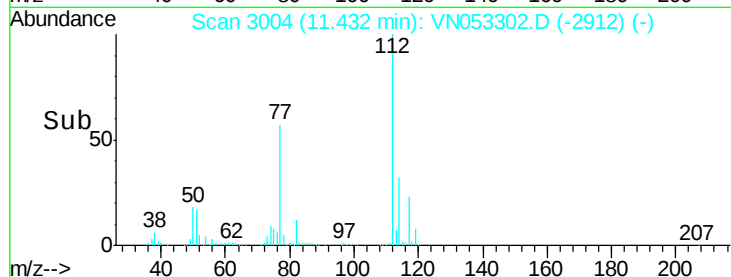
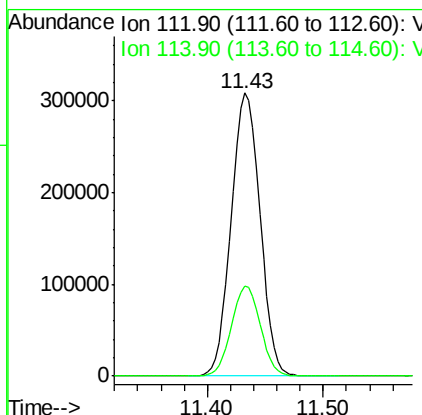
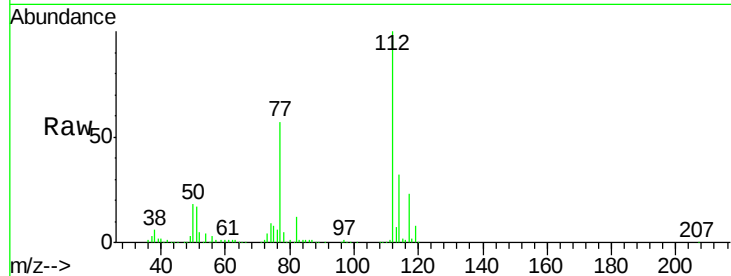




#65  
Chlorobenzene  
Concen: 19.779 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

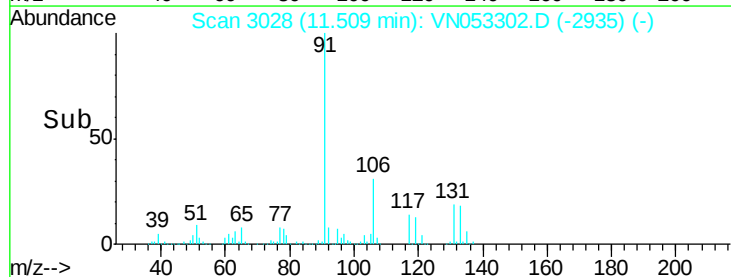
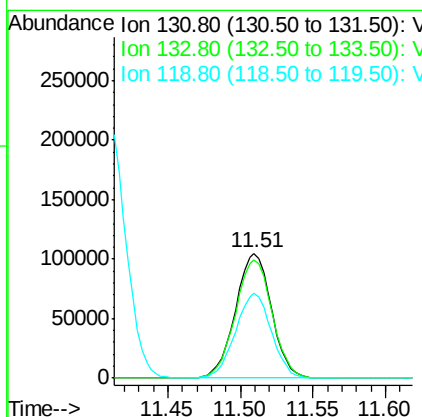
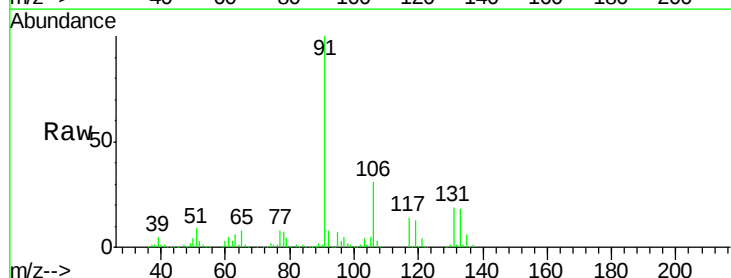
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1007WBSD01

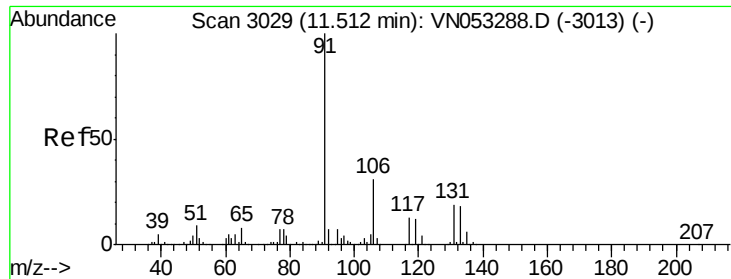
Tot Ion:112 Resp: 531009  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.282 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion:131 Resp: 181191  
Ion Ratio Lower Upper  
131 100  
133 96.1 48.0 144.0  
119 67.6 33.3 99.9

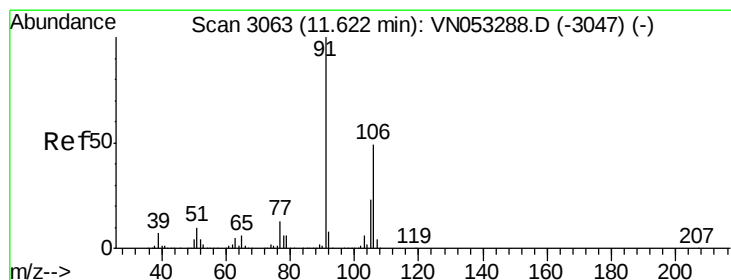
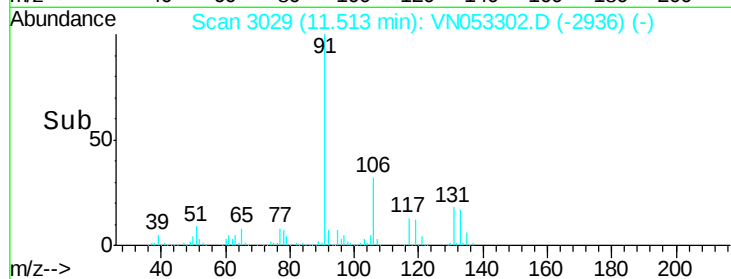
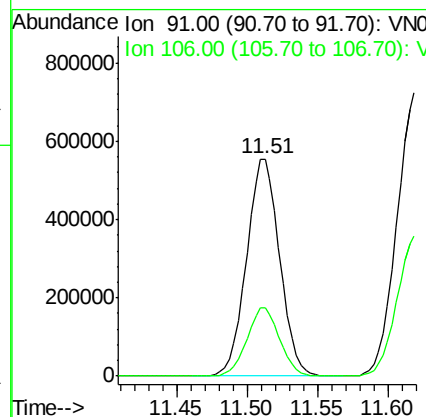
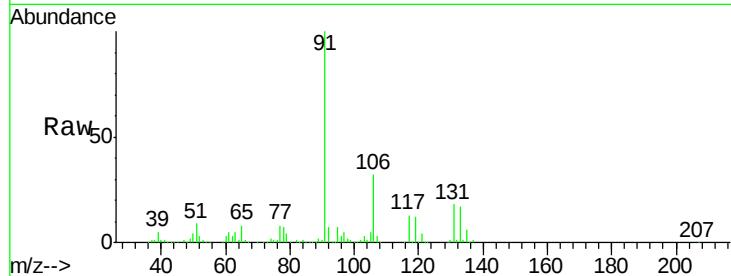




#67  
Ethyl Benzene  
Concen: 19.968 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

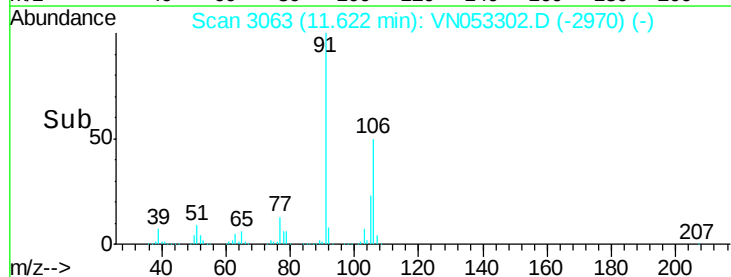
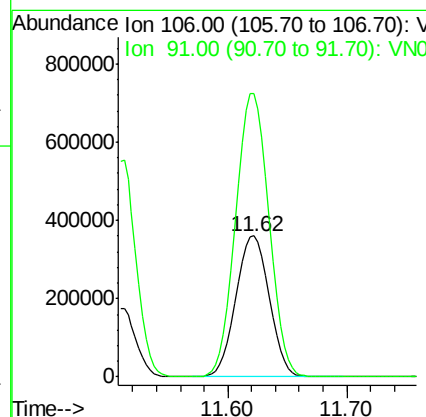
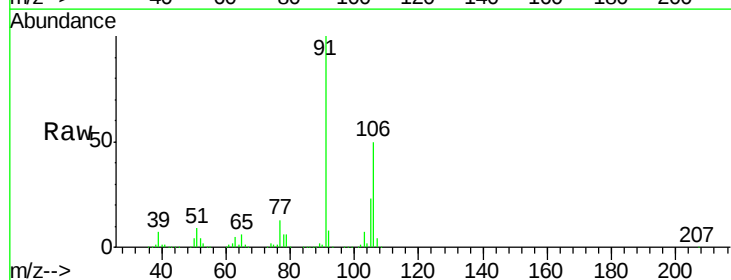
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1007WBSD01

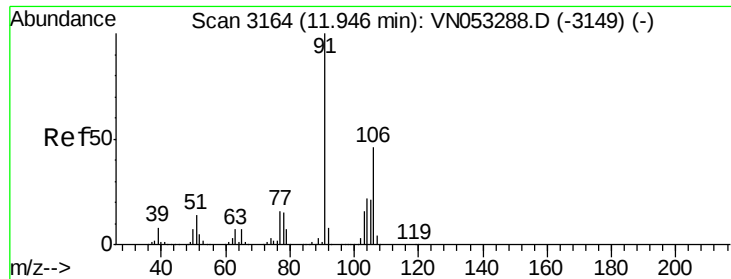
Tot Ion: 91 Resp: 910943  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.0 37.4



#68  
m/p-Xylenes  
Concen: 40.906 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion: 106 Resp: 701721  
Ion Ratio Lower Upper  
106 100  
91 200.3 161.4 242.2

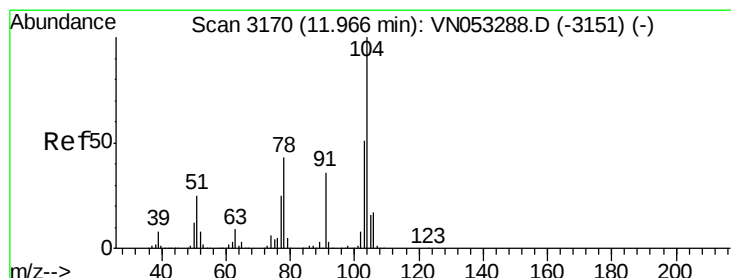
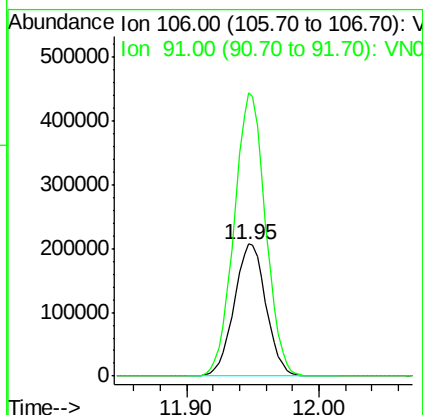
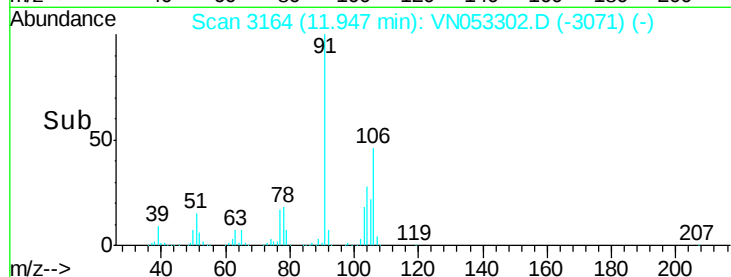
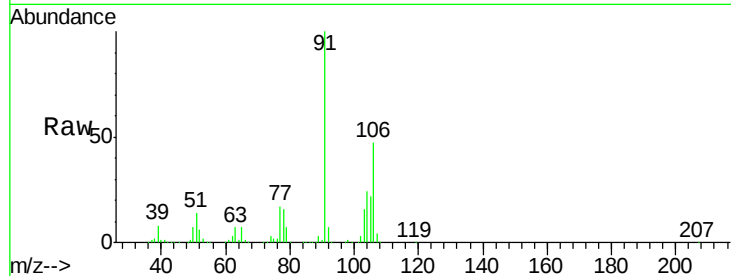




#69  
o-Xylene  
Concen: 20.508 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

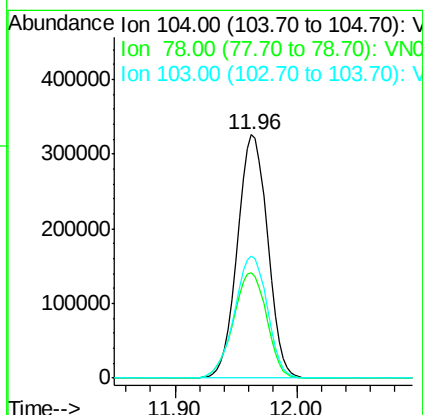
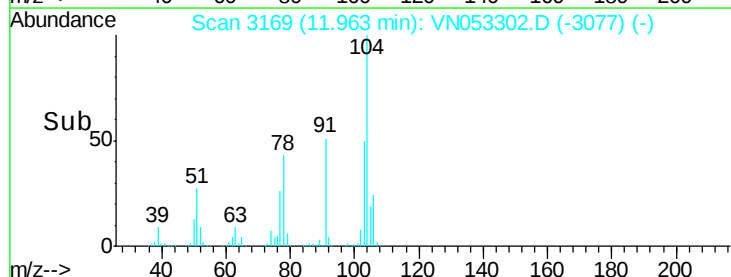
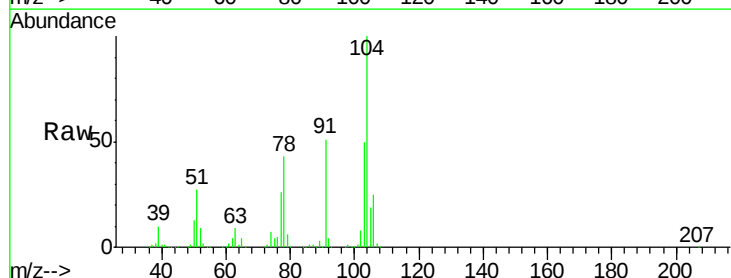
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1007WBSD01

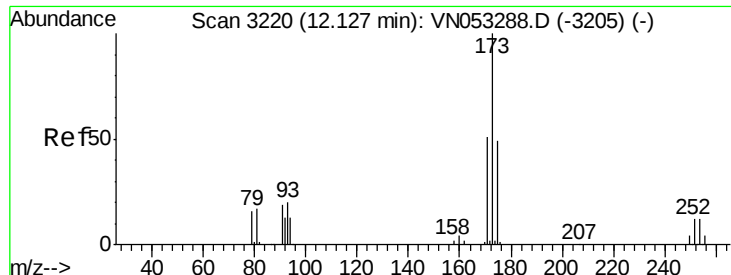
Tot Ion:106 Resp: 344418  
Ion Ratio Lower Upper  
106 100  
91 211.5 106.8 320.4



#70  
Styrene  
Concen: 20.404 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion:104 Resp: 557707  
Ion Ratio Lower Upper  
104 100  
78 47.9 38.5 57.7  
103 54.8 44.5 66.7





#71

Bromoform

Concen: 20.180 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

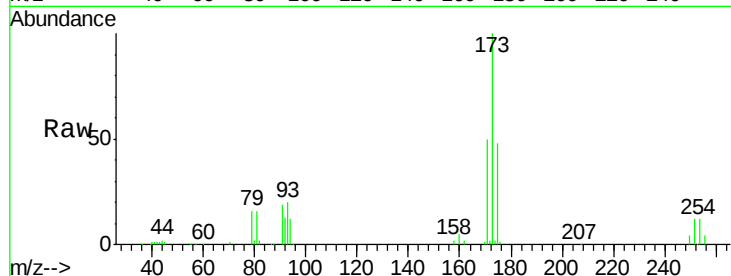
Tot Ion:173 Resp: 133945

Ion Ratio Lower Upper

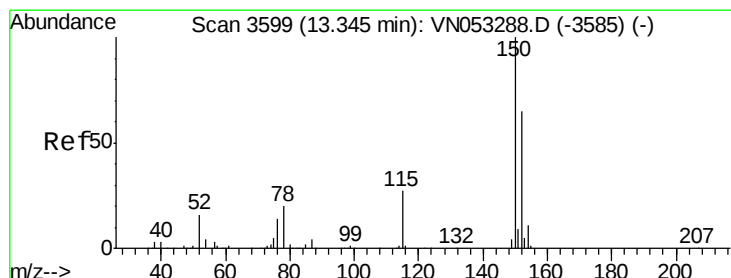
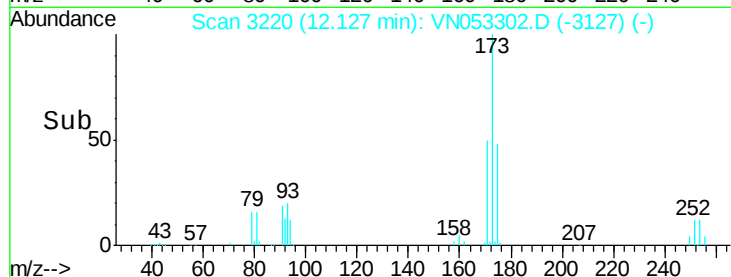
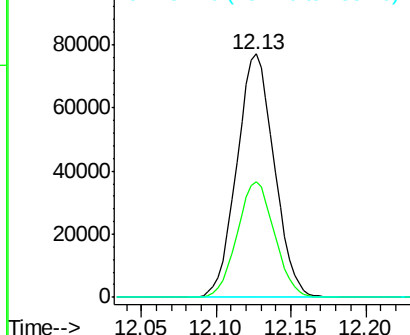
173 100

175 47.3 24.3 72.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

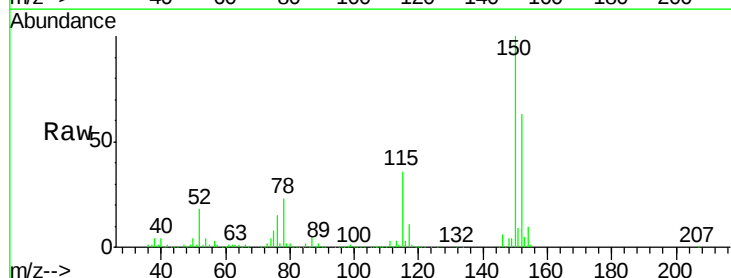
Tgt Ion:152 Resp: 588597

Ion Ratio Lower Upper

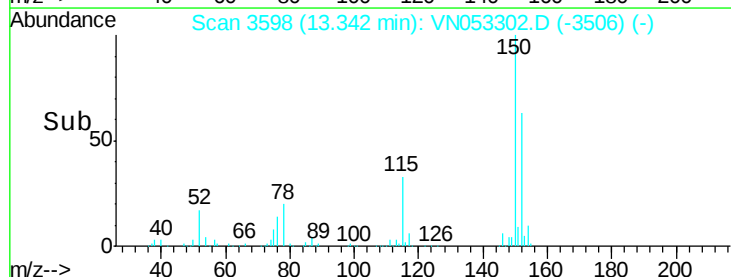
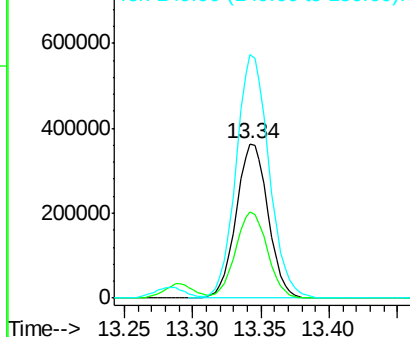
152 100

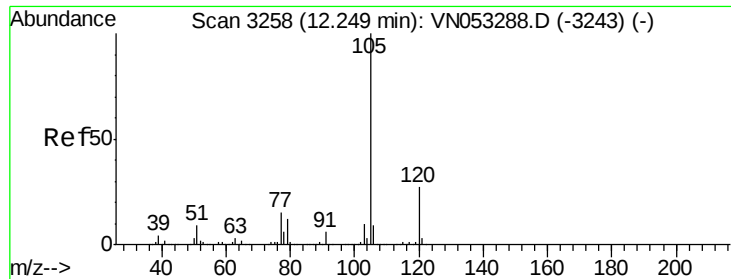
115 55.7 28.0 84.0

150 163.5 0.0 346.6



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: 20.211 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

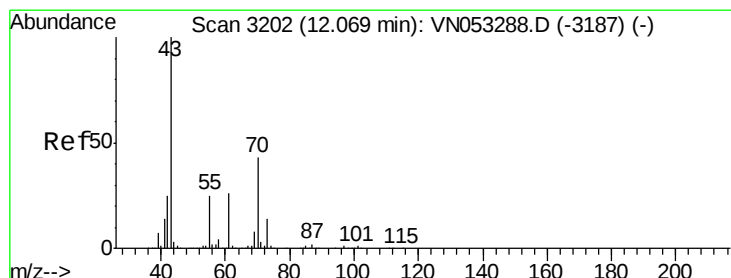
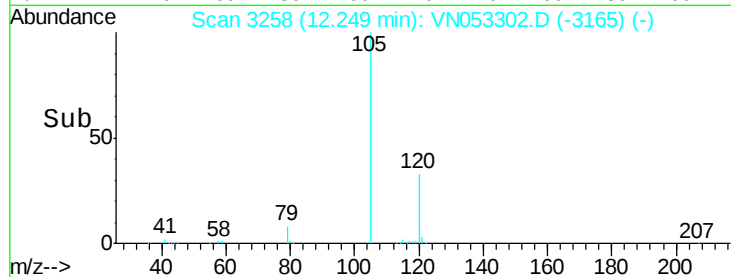
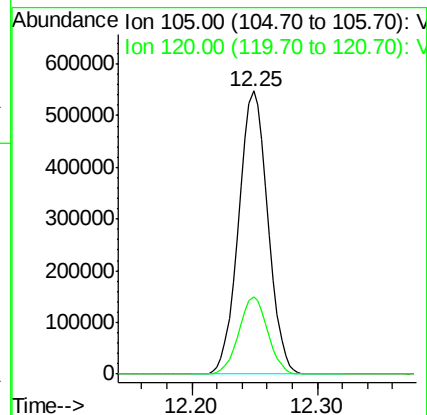
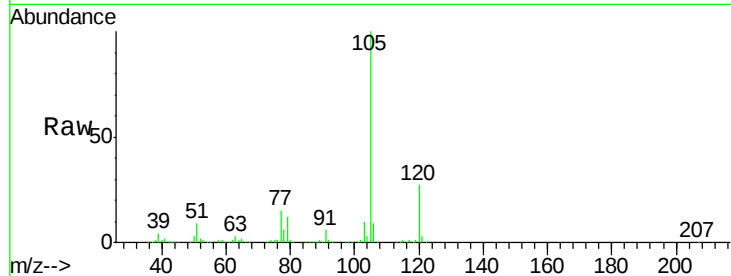
VN1007WBSD01

Tot Ion:105 Resp: 885707

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 20.793 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Tgt Ion: 43 Resp: 272094

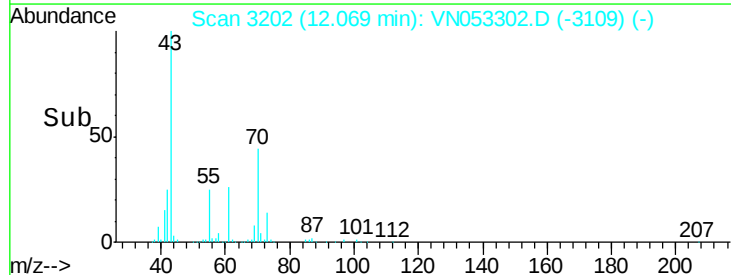
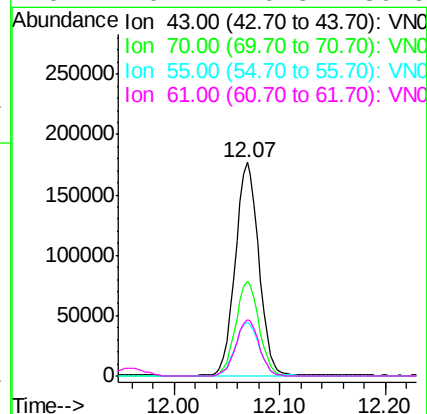
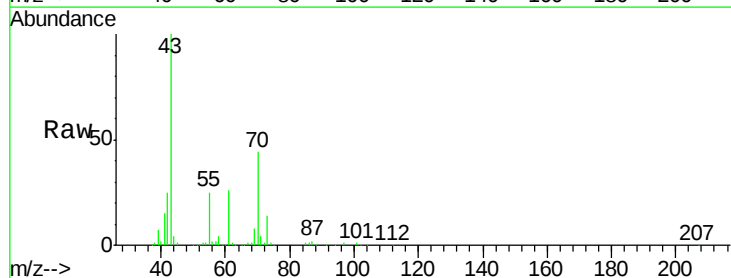
Ion Ratio Lower Upper

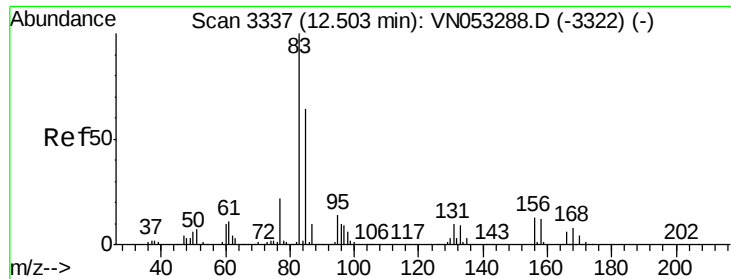
43 100

70 44.2 35.0 52.6

55 26.0 20.0 30.0

61 26.4 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.229 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

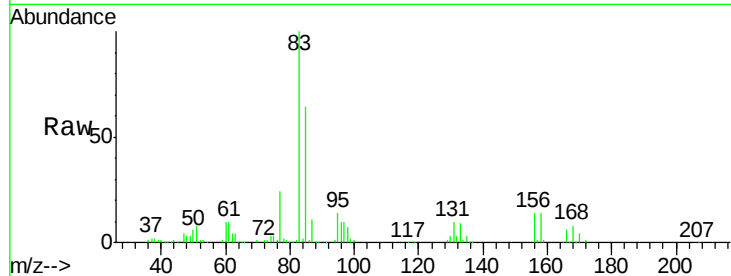
Tot Ion: 83 Resp: 203924

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.9

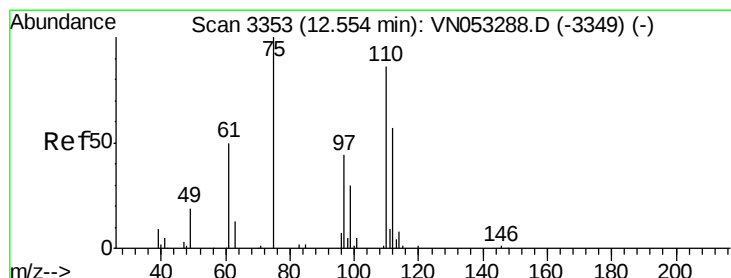
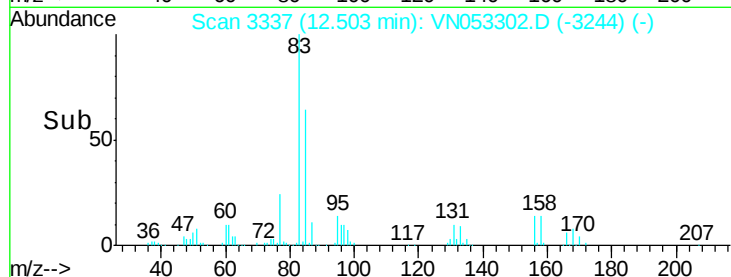
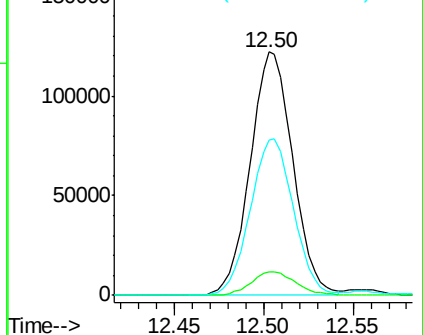
85 65.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 31.575 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053302.D

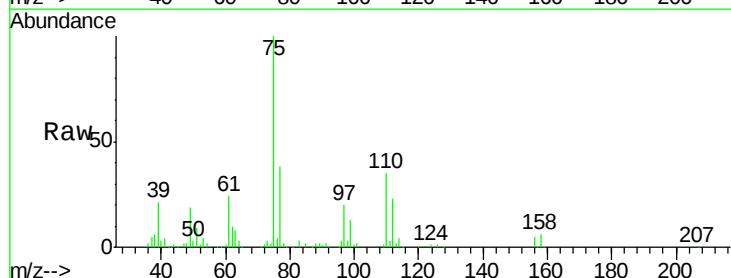
Acq: 7 Jan 2019 14:07

Tgt Ion: 75 Resp: 271071

Ion Ratio Lower Upper

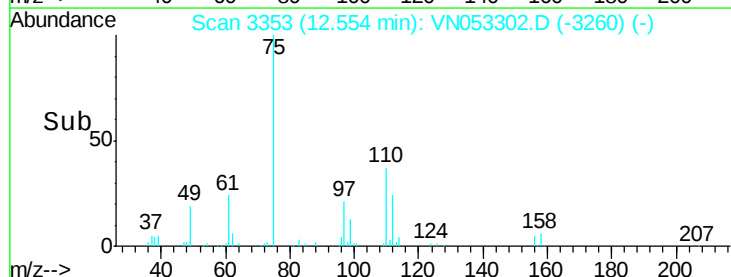
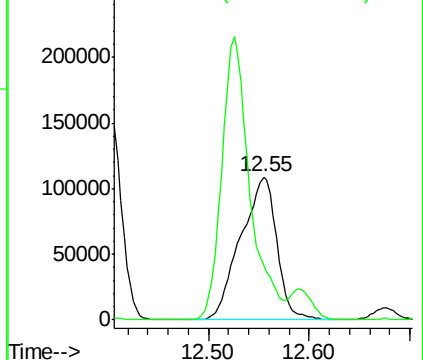
75 100

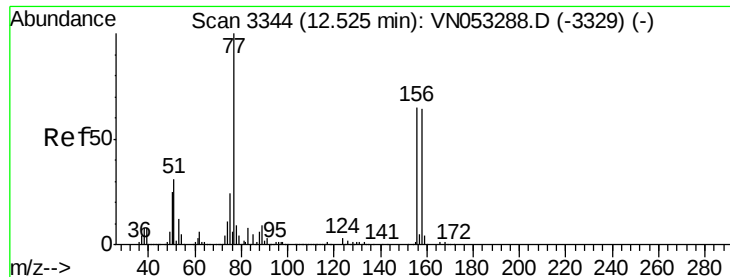
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.978 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

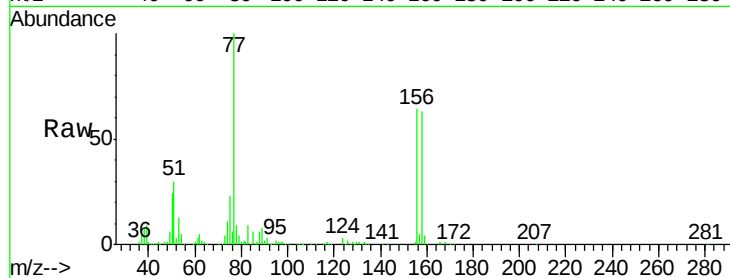
Tot Ion:156 Resp: 233668

Ion Ratio Lower Upper

156 100

77 179.6 89.3 268.1

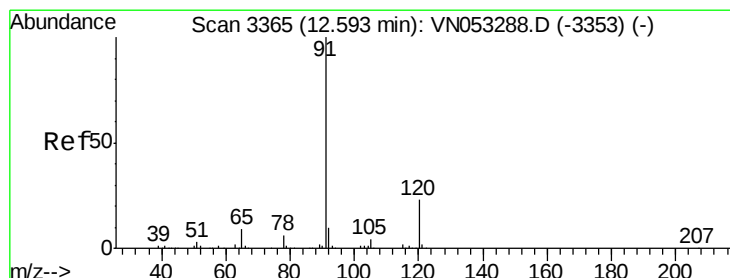
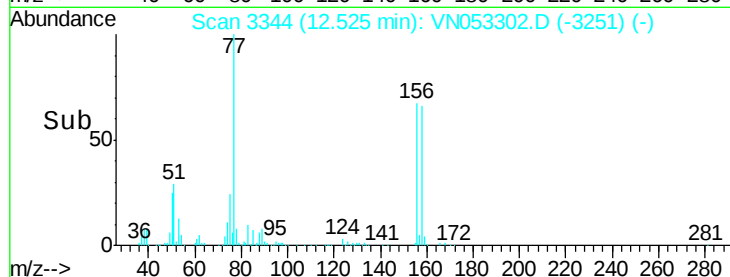
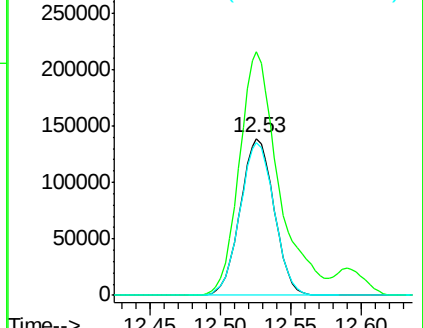
158 98.8 48.9 146.8



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: 20.343 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053302.D

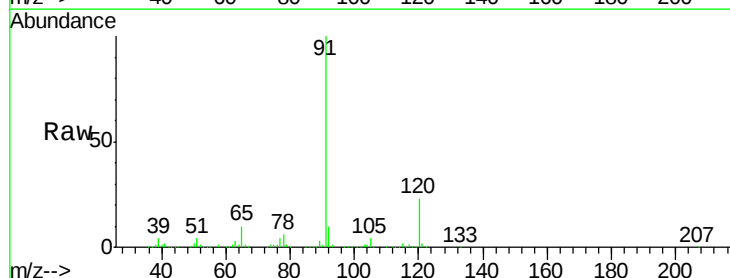
Acq: 7 Jan 2019 14:07

Tgt Ion: 91 Resp: 1008394

Ion Ratio Lower Upper

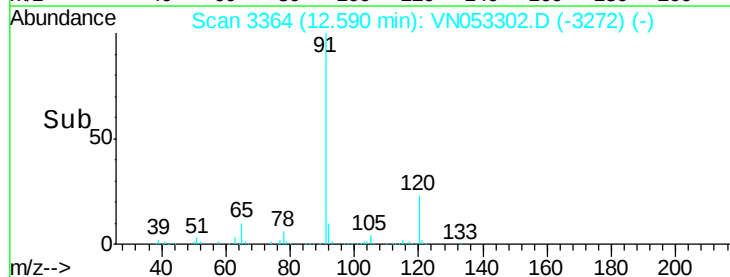
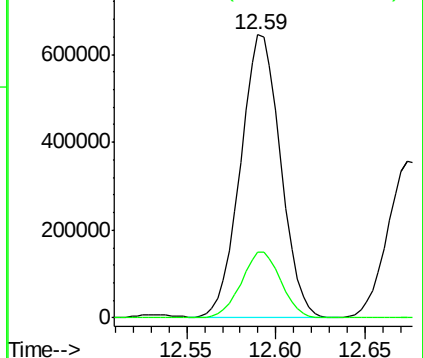
91 100

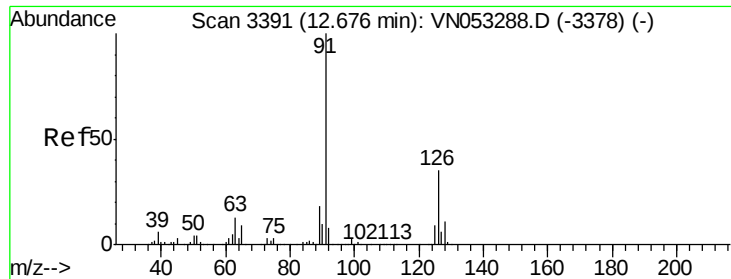
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.054 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

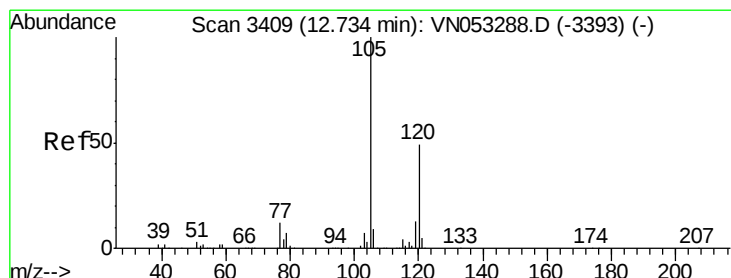
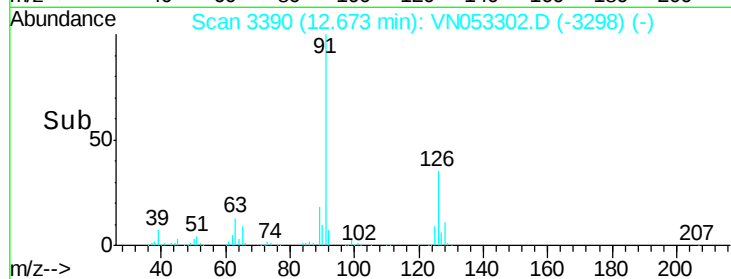
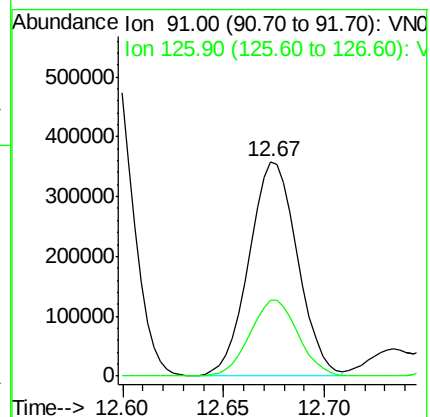
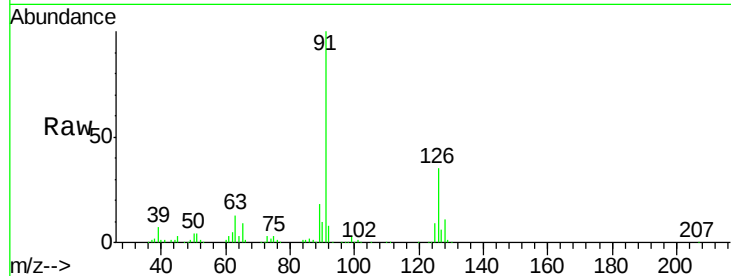
VN1007WBSD01

Tot Ion: 91 Resp: 601510

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.522 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053302.D

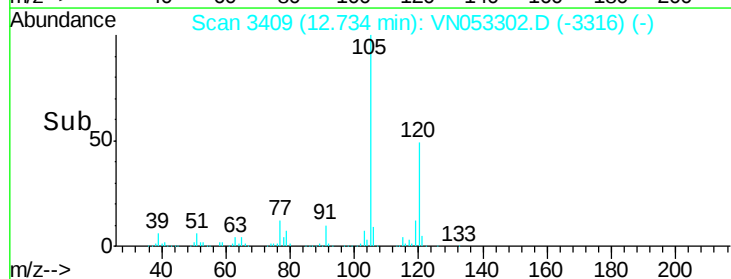
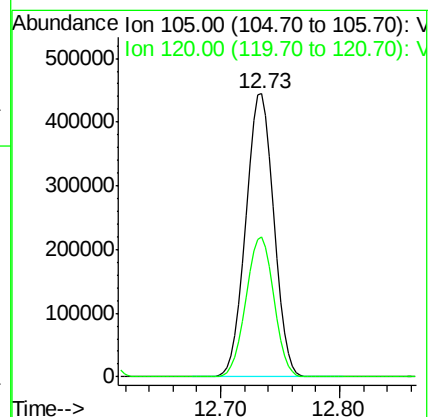
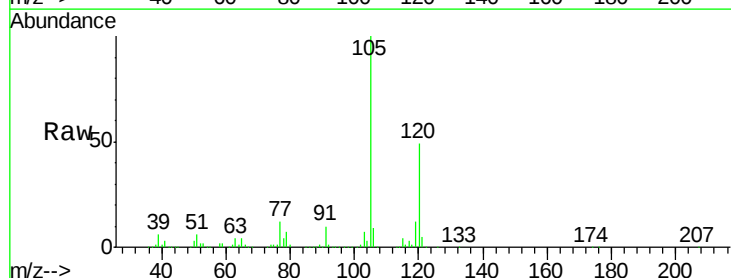
Acq: 7 Jan 2019 14:07

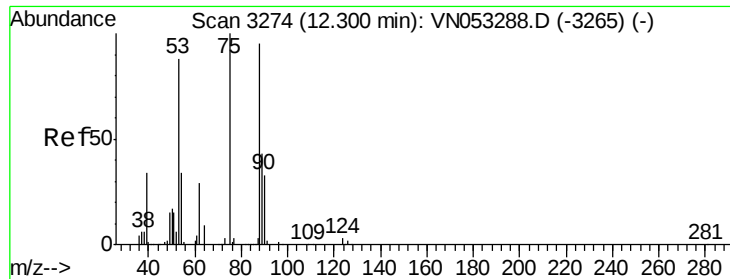
Tgt Ion: 105 Resp: 724409

Ion Ratio Lower Upper

105 100

120 49.3 24.7 74.1

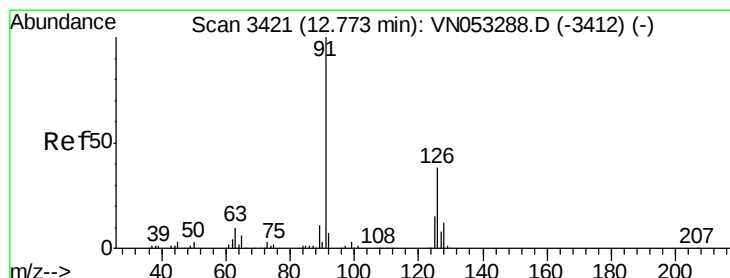
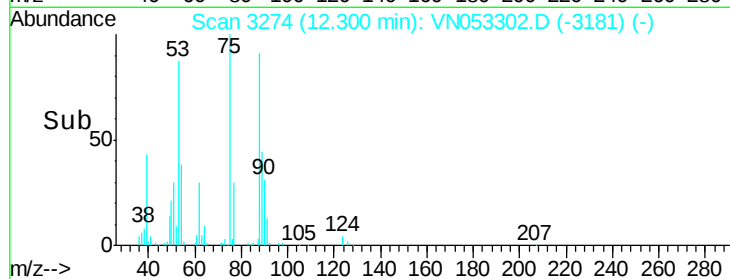
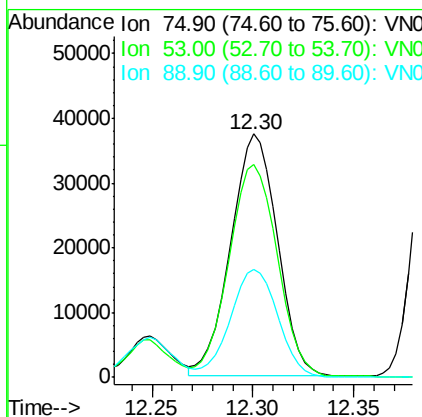
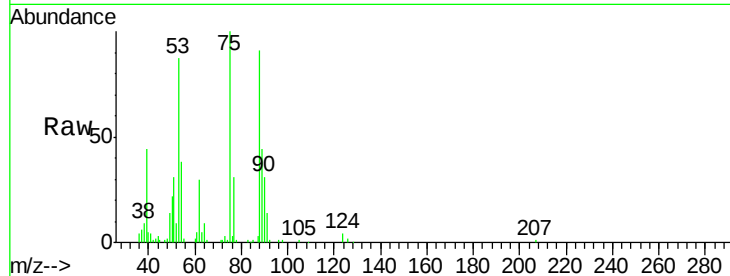




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.733 ug/l  
RT: 12.30 min Scan# 3274  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

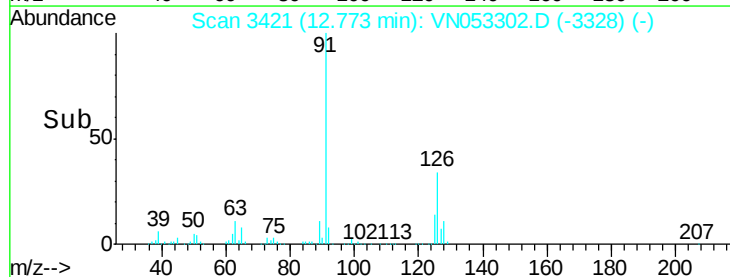
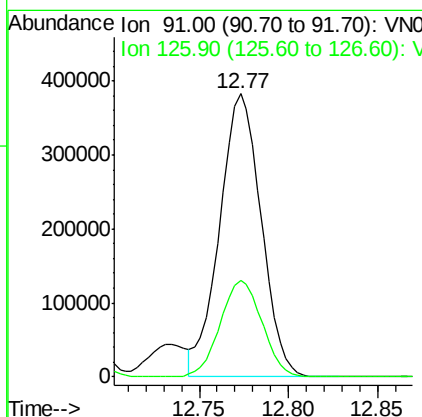
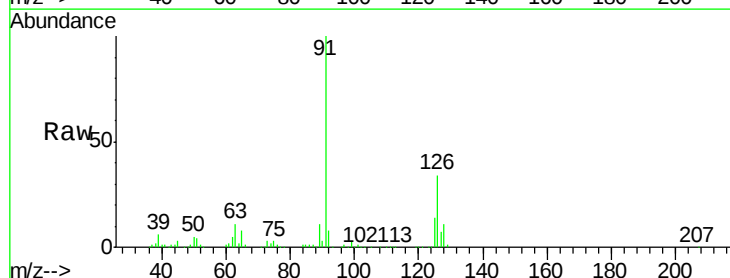
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1007WBSD01

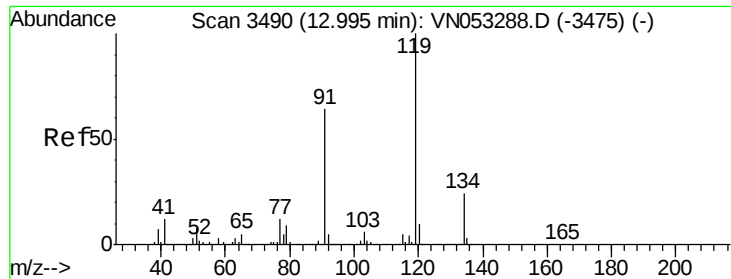
Tot Ion: 75 Resp: 60496  
Ion Ratio Lower Upper  
75 100  
53 92.5 70.5 105.7  
89 45.4 35.4 53.0



#82  
4-Chlorotoluene  
Concen: 20.098 ug/l  
RT: 12.77 min Scan# 3421  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion: 91 Resp: 618125  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.4 52.2

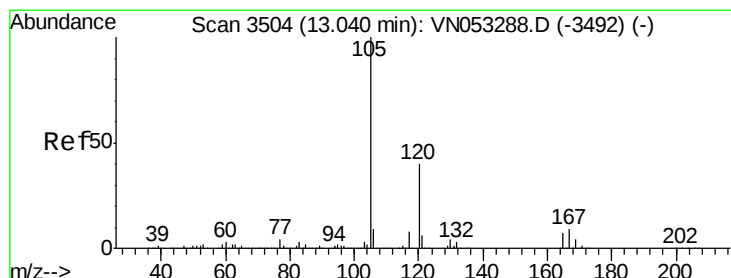
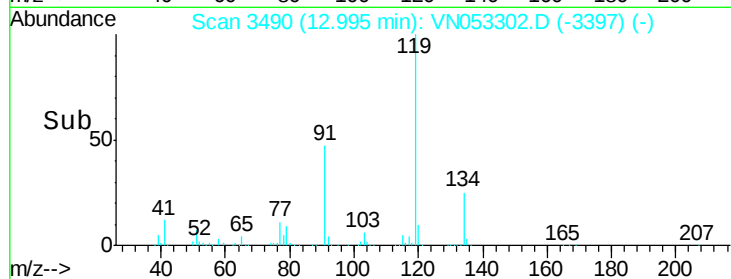
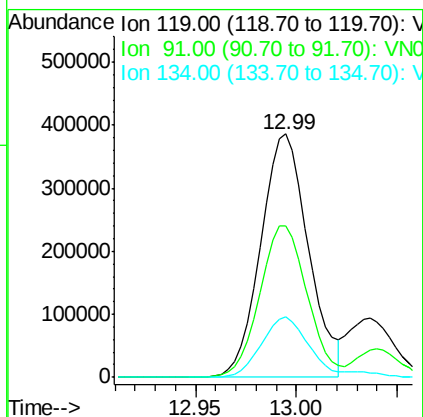
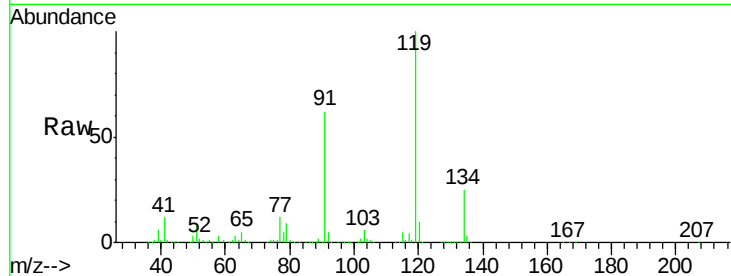




#83  
 tert-Butylbenzene  
 Concen: 20.524 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN053302.D  
 Acq: 7 Jan 2019 14:07

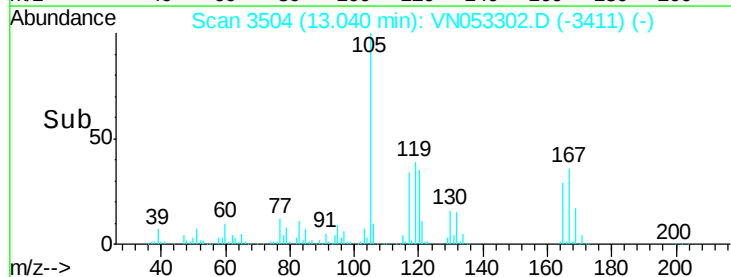
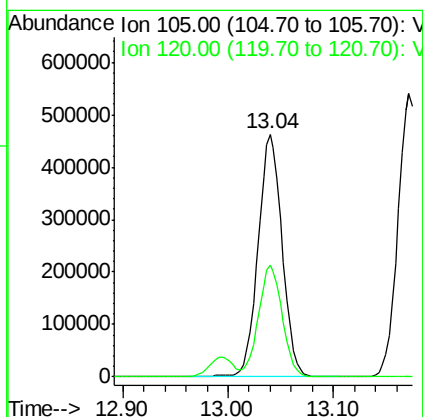
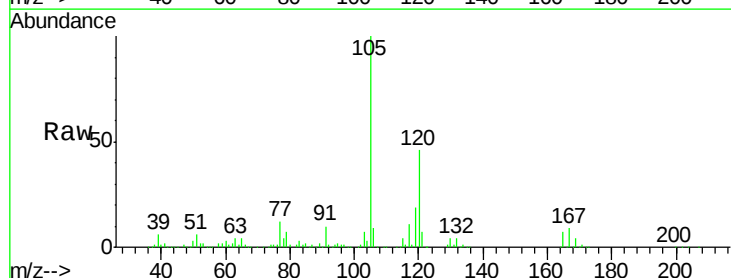
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1007WBSD01

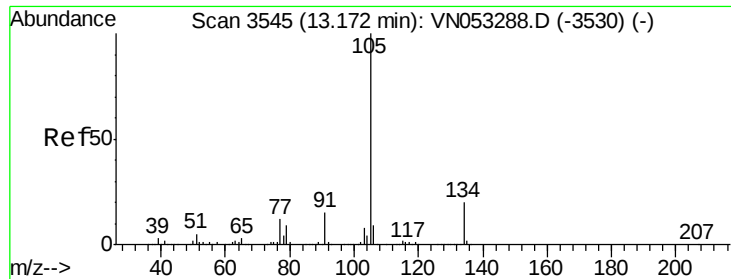
Tot Ion:119 Resp: 635641  
 Ion Ratio Lower Upper  
 119 100  
 91 62.1 31.6 95.0  
 134 24.4 12.9 38.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.428 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN053302.D  
 Acq: 7 Jan 2019 14:07

Tgt Ion:105 Resp: 734625  
 Ion Ratio Lower Upper  
 105 100  
 120 45.7 23.0 69.0

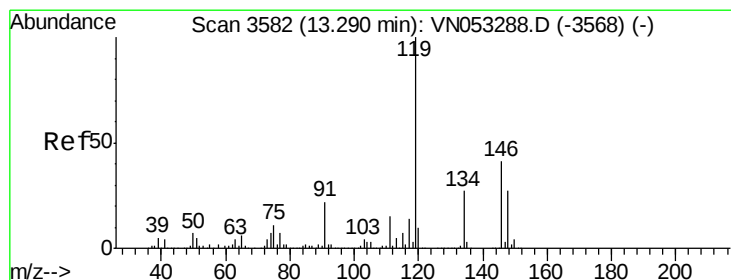
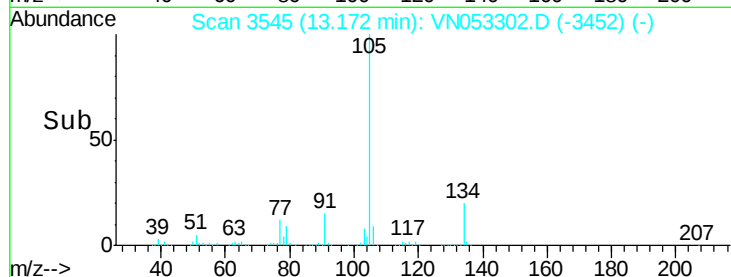
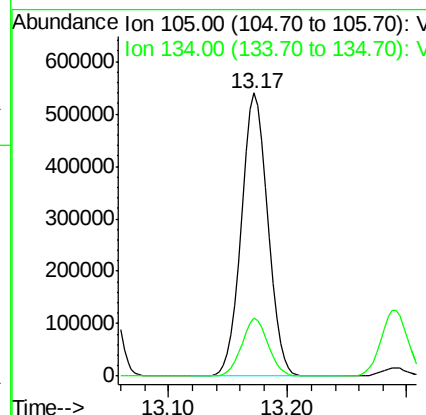
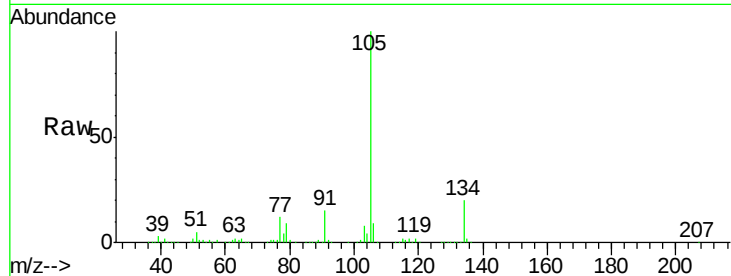




#85  
 sec-Butylbenzene  
 Concen: 20.359 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. 0.00 min  
 Lab File: VN053302.D  
 Acq: 7 Jan 2019 14:07

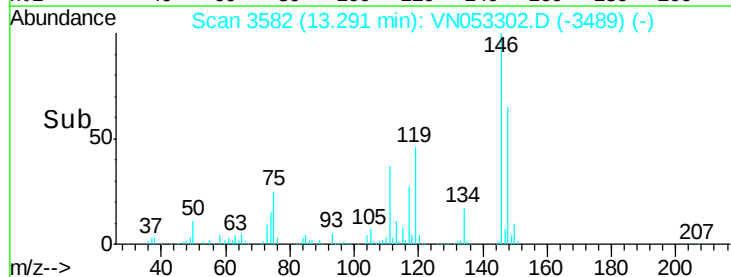
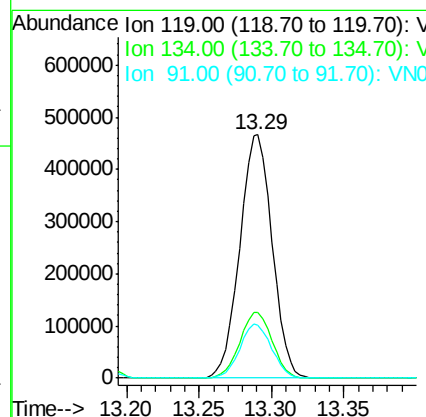
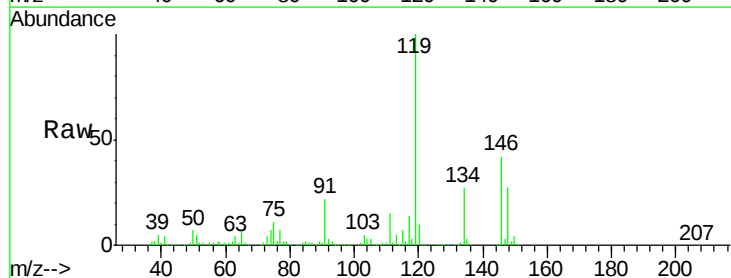
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1007WBSD01

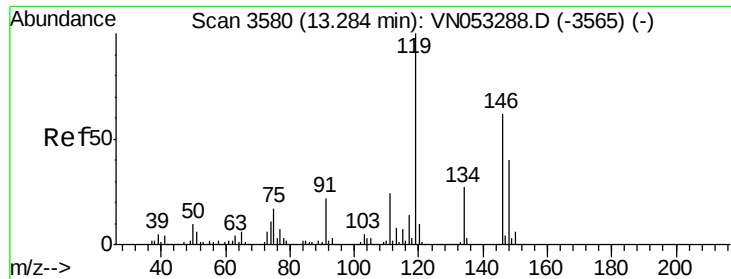
Tot Ion:105 Resp: 831541  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 20.366 ug/l  
 RT: 13.29 min Scan# 3582  
 Delta R.T. 0.00 min  
 Lab File: VN053302.D  
 Acq: 7 Jan 2019 14:07

Tgt Ion:119 Resp: 720199  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 13.4 40.1  
 91 22.0 11.1 33.1

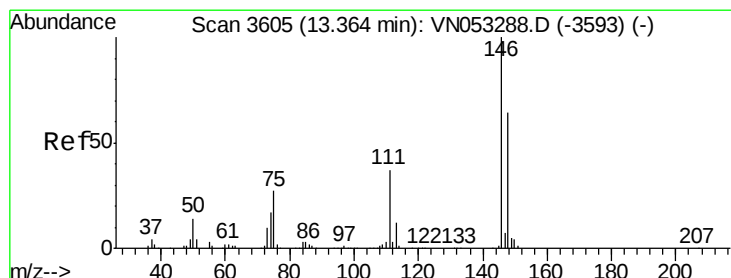
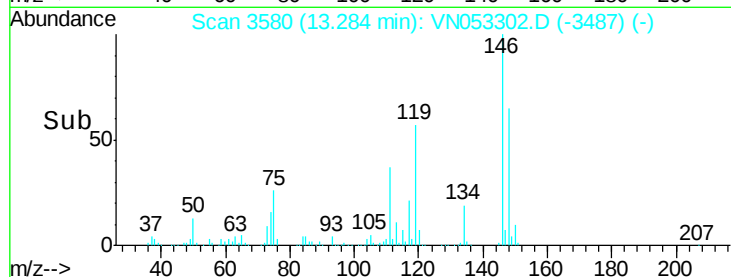
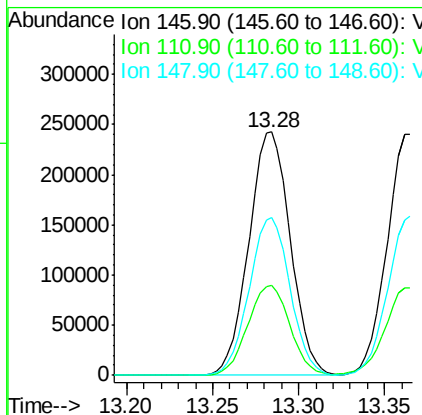
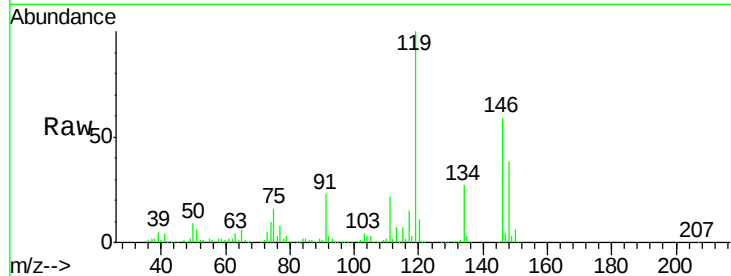




#87  
 1,3-Dichlorobenzene  
 Concen: 19.685 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN053302.D  
 Acq: 7 Jan 2019 14:07

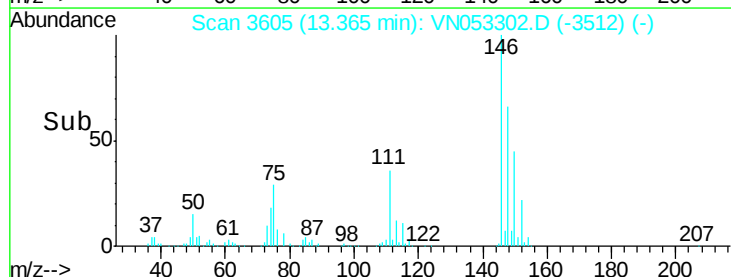
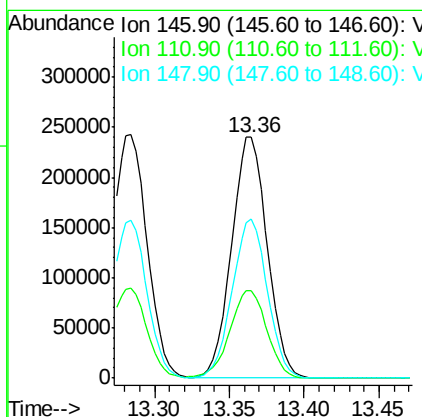
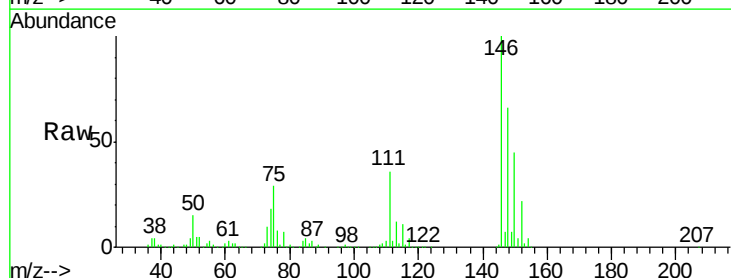
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1007WBSD01

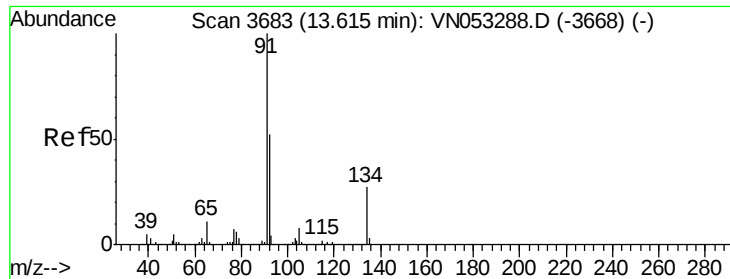
Tot Ion:146 Resp: 405450  
 Ion Ratio Lower Upper  
 146 100  
 111 37.4 18.9 56.5  
 148 63.9 32.0 96.2



#88  
 1,4-Dichlorobenzene  
 Concen: 19.482 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN053302.D  
 Acq: 7 Jan 2019 14:07

Tgt Ion:146 Resp: 398042  
 Ion Ratio Lower Upper  
 146 100  
 111 37.9 18.6 55.8  
 148 65.2 32.0 96.0





#89

n-Butylbenzene

Concen: 19.356 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

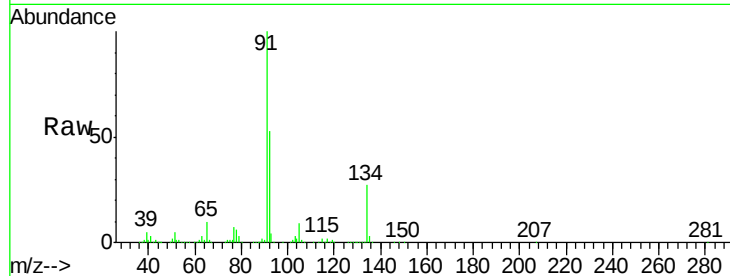
Tot Ion: 91 Resp: 573865

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.8

134 26.7 13.5 40.5

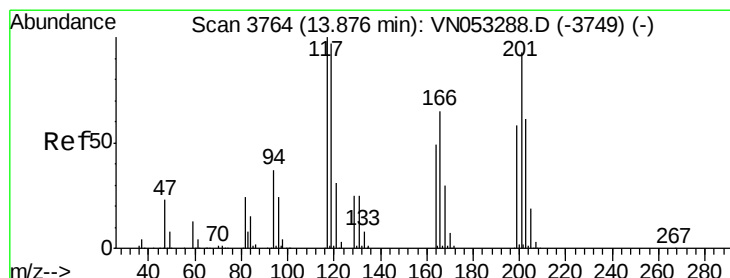
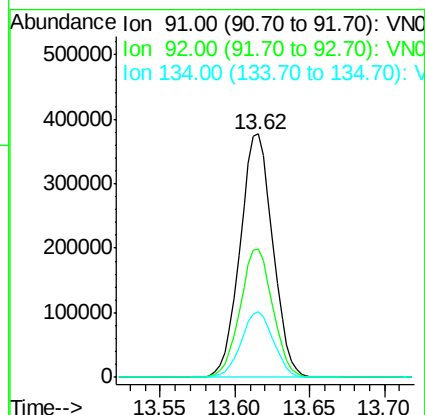
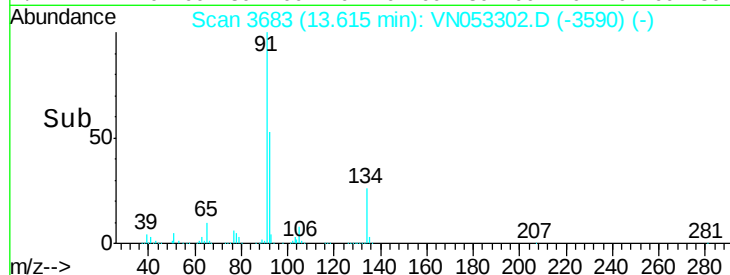


Abundance Ion 91.00 (90.70 to 91.70): VN053288.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053288.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053288.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 19.679 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053302.D

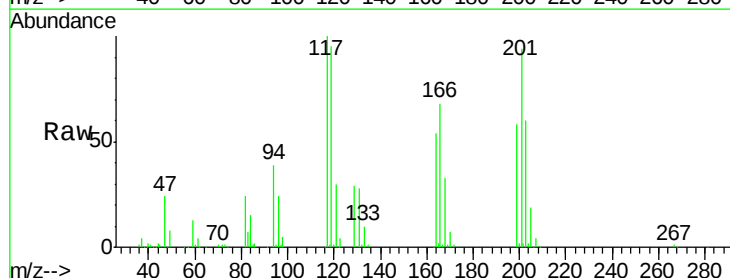
Acq: 7 Jan 2019 14:07

Tgt Ion: 117 Resp: 111544

Ion Ratio Lower Upper

117 100

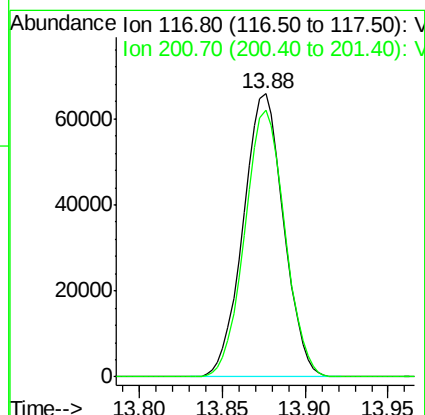
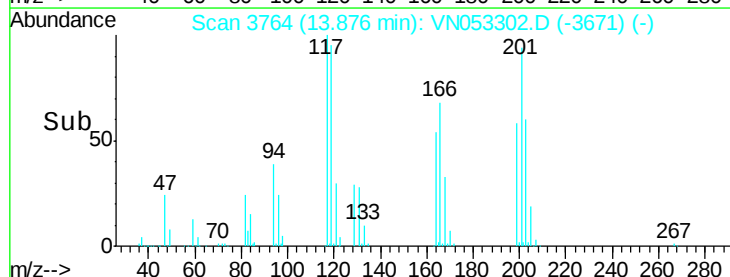
201 93.7 46.1 138.3



Abundance Ion 116.80 (116.50 to 117.50): VN053288.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053288.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.100 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

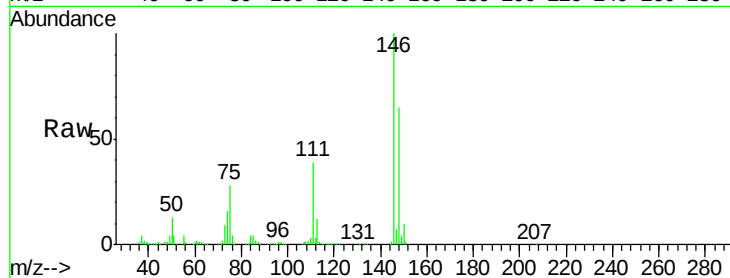
Tot Ion:146 Resp: 387795

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

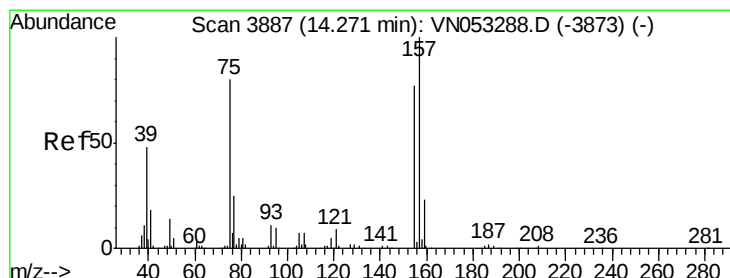
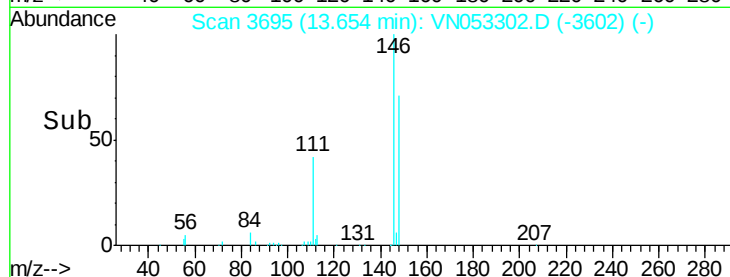
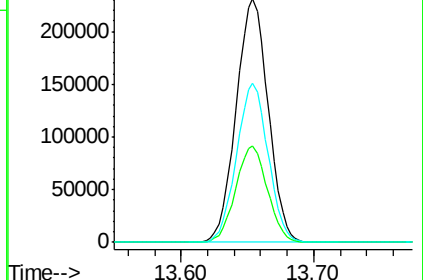
148 64.3 32.2 96.6



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: 22.065 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

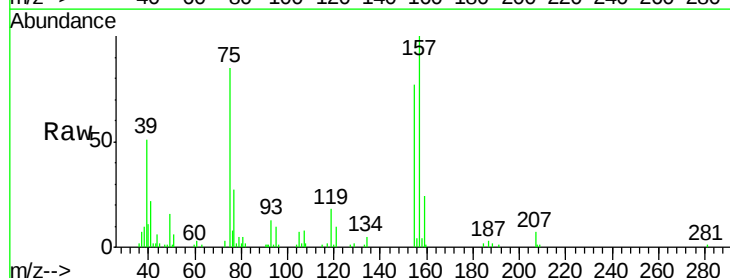
Tgt Ion: 75 Resp: 26979

Ion Ratio Lower Upper

75 100

155 95.6 48.1 144.3

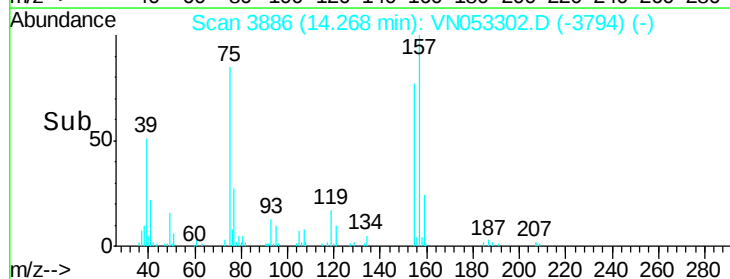
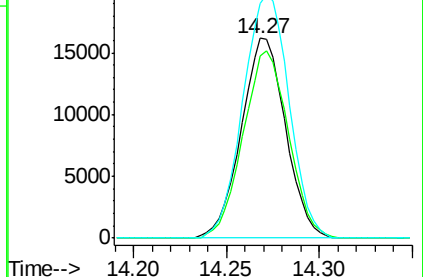
157 126.5 61.5 184.4

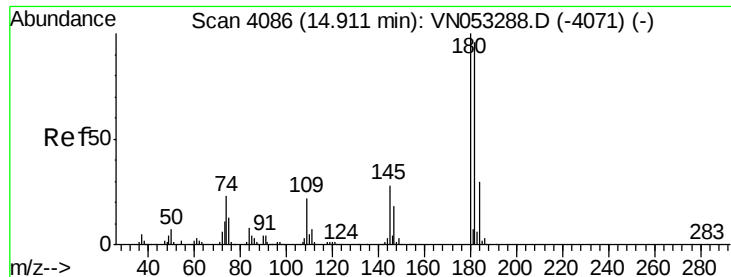


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 21.336 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1007WBSD01

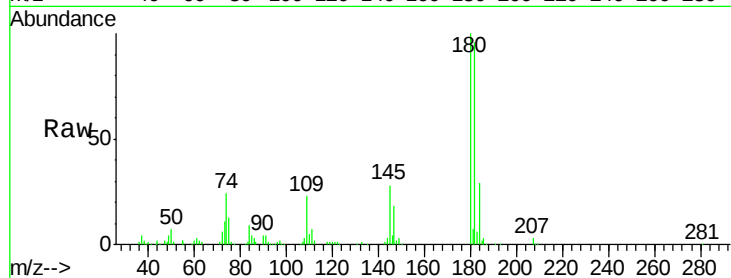
Tot Ion:180 Resp: 129432

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.4

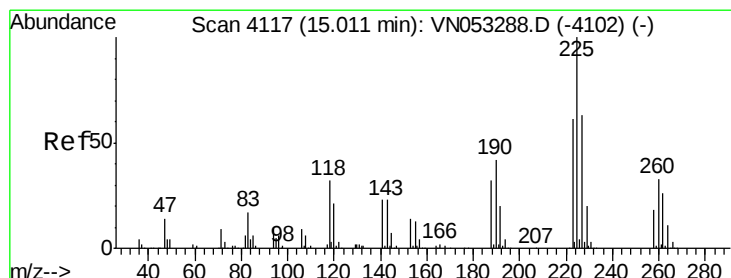
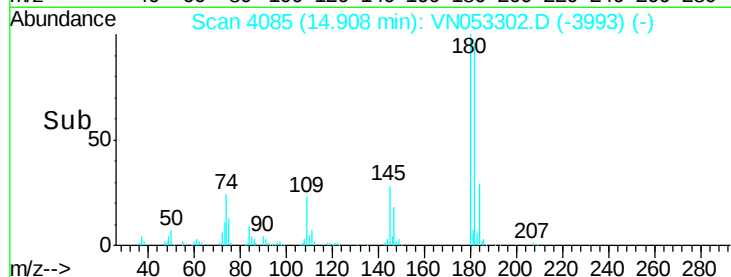
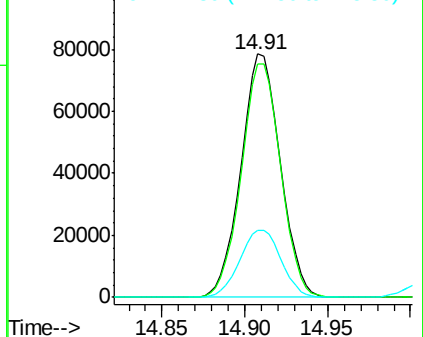
145 28.9 14.4 43.0



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: 20.711 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN053302.D

Acq: 7 Jan 2019 14:07

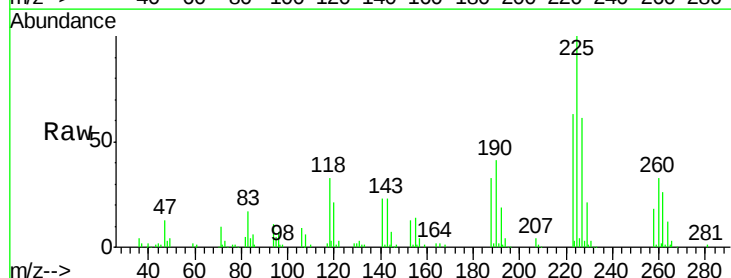
Tgt Ion:225 Resp: 102763

Ion Ratio Lower Upper

225 100

223 62.6 30.9 92.8

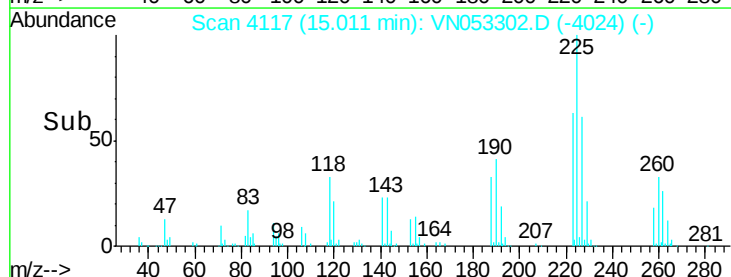
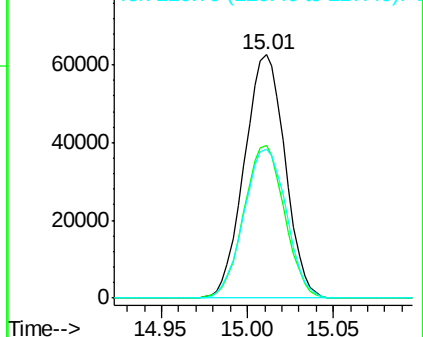
227 63.8 31.4 94.2

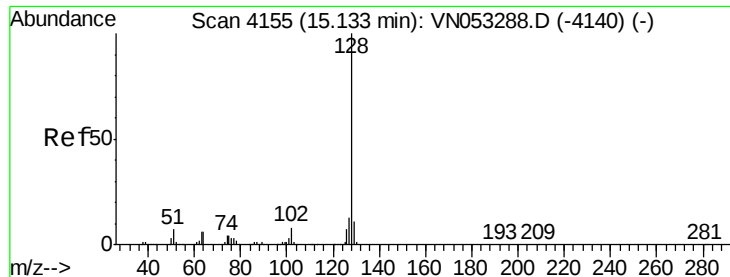


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

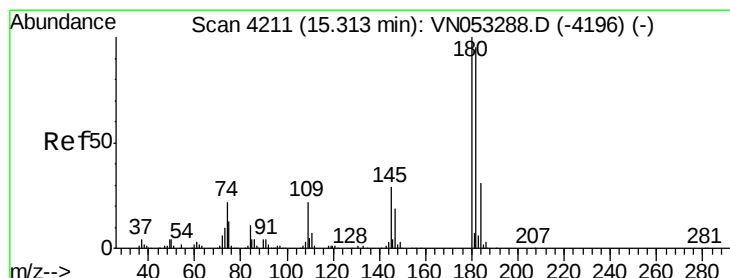
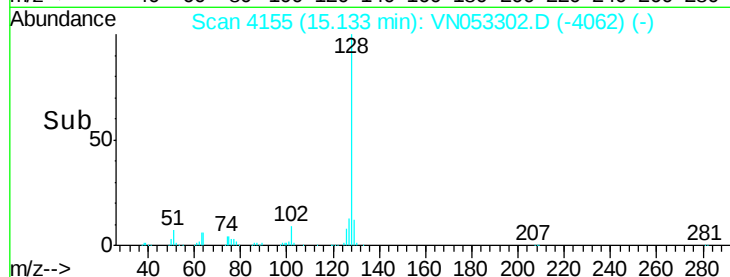
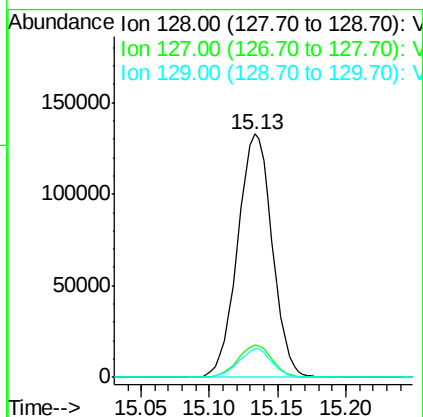
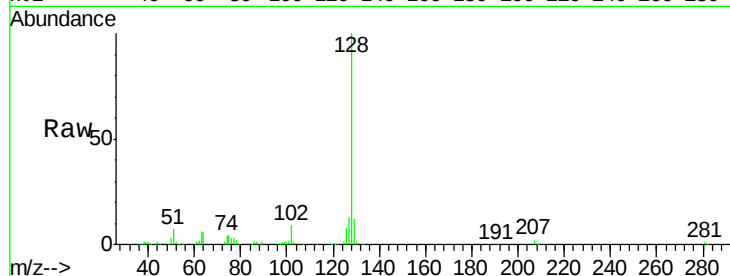




#95  
Naphthalene  
Concen: 22.570 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1007WBSD01

Tot Ion:128 Resp: 233570  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.4 15.6  
129 11.3 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 21.342 ug/l  
RT: 15.32 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN053302.D  
Acq: 7 Jan 2019 14:07

Tgt Ion:180 Resp: 84764  
Ion Ratio Lower Upper  
180 100  
182 96.4 48.4 145.0  
145 30.0 14.9 44.5

