

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN022019\  
 Data File : VN053871.D  
 Acq On : 20 Feb 2019 8:58  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Feb 21 03:09:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022019W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 21 03:05:18 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 669571   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1051391  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 840050   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 373079   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |      |        |      |
|-----------------------------|--------|-----|----------|------|--------|------|
| System Monitoring Compounds |        |     |          |      |        |      |
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65  | 36487    | 5.33 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 10.66% |      |
| 35) Dibromofluoromethane    | 7.59   | 113 | 35556    | 5.15 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 10.30% |      |
| 50) Toluene-d8              | 10.09  | 98  | 113385   | 4.55 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 9.10%  |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 35221    | 4.28 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 8.56%  |      |

| Target Compounds              |      |     |        |               | Qvalue |
|-------------------------------|------|-----|--------|---------------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 30803  | 5.295 ug/l    | 99     |
| 3) Chloromethane              | 2.06 | 50  | 38007  | 5.255 ug/l    | 98     |
| 4) Vinyl Chloride             | 2.19 | 62  | 44263  | 5.702 ug/l    | 98     |
| 5) Bromomethane               | 2.57 | 94  | 31828  | 5.598 ug/l    | 100    |
| 6) Chloroethane               | 2.71 | 64  | 27035  | 5.388 ug/l    | 92     |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 59594  | 5.406 ug/l    | 99     |
| 8) Diethyl Ether              | 3.41 | 74  | 20871  | 5.386 ug/l    | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 37399  | 5.629 ug/l    | 97     |
| 10) Methyl Iodide             | 3.96 | 142 | 49403  | 5.014 ug/l    | 100    |
| 11) Tert butyl alcohol        | 4.79 | 59  | 10334  | 24.191 ug/l # | 88     |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 33207  | 5.344 ug/l    | 97     |
| 13) Acrolein                  | 3.61 | 56  | 9024   | 29.556 ug/l   | 99     |
| 14) Allyl chloride            | 4.33 | 41  | 51497  | 5.476 ug/l    | 96     |
| 15) Acrylonitrile             | 4.99 | 53  | 57716  | 26.820 ug/l   | 99     |
| 16) Acetone                   | 3.82 | 43  | 53926  | 28.654 ug/l   | 95     |
| 17) Carbon Disulfide          | 4.06 | 76  | 104175 | 5.413 ug/l    | 99     |
| 18) Methyl Acetate            | 4.33 | 43  | 24586  | 5.713 ug/l    | 97     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 81587  | 5.175 ug/l    | 100    |
| 20) Methylene Chloride        | 4.55 | 84  | 40212  | 5.707 ug/l    | 98     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96  | 35662  | 5.468 ug/l    | 97     |
| 22) Diisopropyl ether         | 5.95 | 45  | 89984  | 5.133 ug/l    | 95     |
| 23) Vinyl Acetate             | 5.90 | 43  | 308300 | 24.782 ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 65095  | 5.485 ug/l    | 97     |
| 25) 2-Butanone                | 6.84 | 43  | 65000  | 26.766 ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 47727  | 5.299 ug/l    | 98     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 39016  | 5.341 ug/l    | 97     |
| 28) Bromochloromethane        | 7.20 | 49  | 28052  | 5.415 ug/l    | 100    |
| 29) Tetrahydrofuran           | 7.21 | 42  | 40336  | 25.683 ug/l   | 98     |
| 30) Chloroform                | 7.37 | 83  | 67190  | 5.634 ug/l    | 99     |
| 31) Cyclohexane               | 7.65 | 56  | 62965  | 5.087 ug/l #  | 83     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 55130  | 5.403 ug/l    | 98     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 50651  | 5.256 ug/l    | 94     |
| 37) Ethyl Acetate             | 6.93 | 43  | 26727  | 5.025 ug/l #  | 79     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 51019  | 4.953 ug/l    | 96     |

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 Data File : VN053871.D  
 Acq On : 20 Feb 2019 8:58  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Feb 21 03:09:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022019W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 21 03:05:18 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 53230    | 4.793   | ug/l   | 96       |
| 40) Benzene                    | 8.04  | 78   | 148227   | 5.203   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.21  | 41   | 39717    | 11.697  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 45395    | 5.345   | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 52372    | 5.095   | ug/l   | 95       |
| 44) Trichloroethene            | 8.83  | 130  | 41770    | 5.237   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 37485    | 5.154   | ug/l   | 94       |
| 46) Dibromomethane             | 9.21  | 93   | 22613    | 5.163   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 46076    | 4.987   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 19527    | 4.131   | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 6674     | 102.386 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 104300   | 21.827  | ug/l   | 98       |
| 52) Toluene                    | 10.16 | 92   | 81979    | 4.856   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 40339    | 4.496   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 49128    | 4.646   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 30757    | 4.983   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 29470    | 4.241   | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 50161    | 4.827   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 65046    | 21.368  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 71837    | 22.274  | ug/l   | 97       |
| 60) Dibromochloromethane       | 10.90 | 129  | 33764    | 4.687   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 28621    | 4.668   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 40453    | 5.385   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 90969    | 5.174   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 34428    | 5.366   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 146202   | 5.138   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 111662   | 10.134  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 54286    | 5.118   | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 81989    | 4.926   | ug/l   | 98       |
| 71) Bromoform                  | 12.13 | 173  | 22911    | 5.032   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 144552   | 5.500   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 28835    | 4.777   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 33644    | 5.414   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 39934    | 8.194   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 37483    | 5.316   | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 154008   | 5.240   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 94935    | 5.357   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 119754   | 5.489   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 7938     | 4.785   | ug/l   | 91       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 93821    | 5.314   | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 109700   | 5.600   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 117008   | 5.347   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 145706   | 5.524   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 120629   | 5.270   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 64059    | 5.207   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 63067    | 5.095   | ug/l   | 95       |
| 89) n-Butylbenzene             | 13.61 | 91   | 94051    | 4.996   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 24103    | 5.512   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 63211    | 5.237   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 4930     | 5.437   | ug/l   | 94       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN022019\  
Data File : VN053871.D  
Acq On : 20 Feb 2019 8:58  
Operator : JC/SP  
Sample : VSTDICC005  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

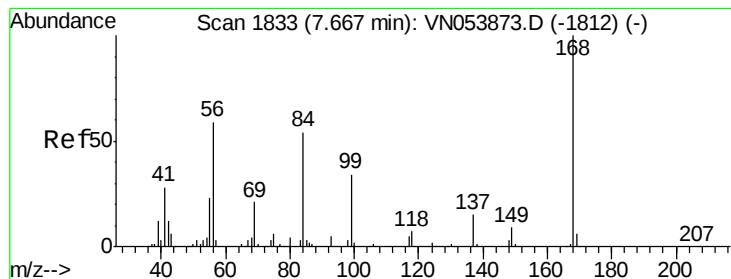
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Quant Time: Feb 21 03:09:10 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022019W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 21 03:05:18 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 24745    | 3.995 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 28830    | 5.727 | ug/l  | 95       |
| 95) Naphthalene            | 15.13 | 128  | 38223    | 3.304 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 24937    | 4.149 | ug/l  | 98       |

(#) = 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: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

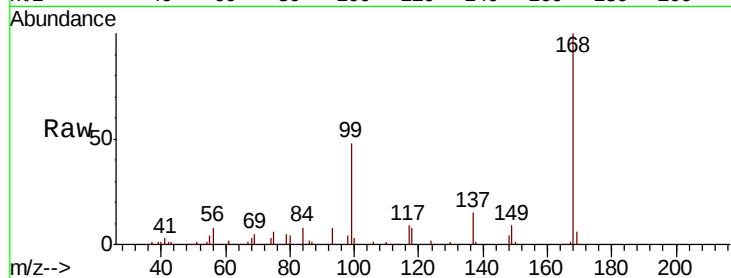
VSTDIC005

Tgt Ion: 168 Resp: 669571

Ion Ratio Lower Upper

168 100

99 46.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053871.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053871.D (-1812) (-)

7.67

250000

200000

150000

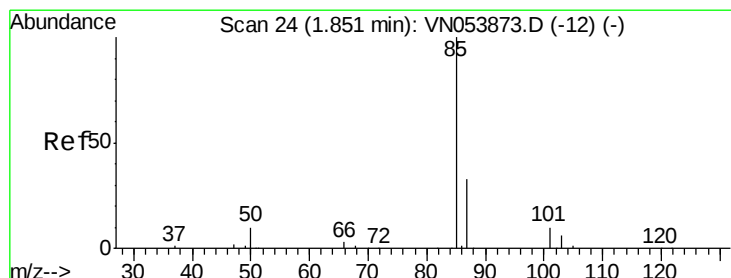
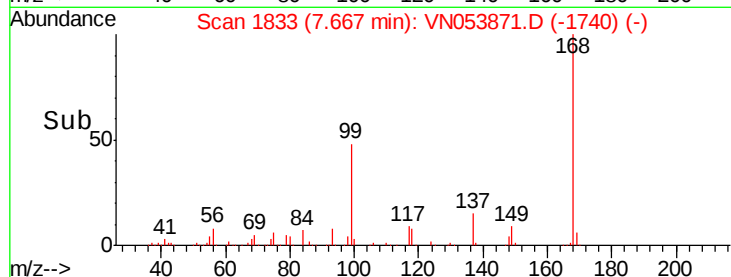
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 5.295 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN053871.D

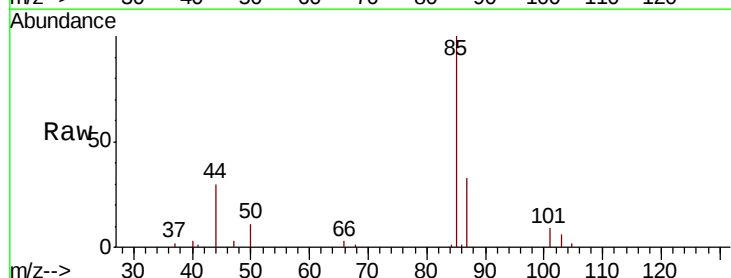
Acq: 20 Feb 2019 8:58

Tgt Ion: 85 Resp: 30803

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN053871.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN053871.D (-12) (-)

1.85

25000

20000

15000

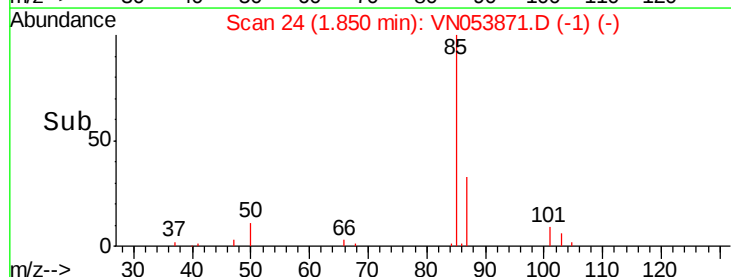
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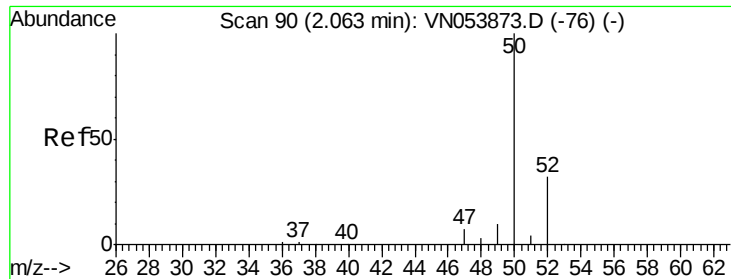
5000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 5.255 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

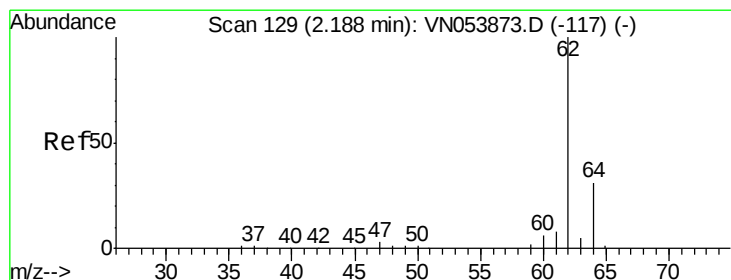
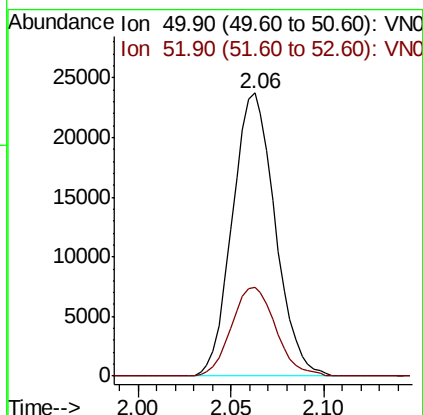
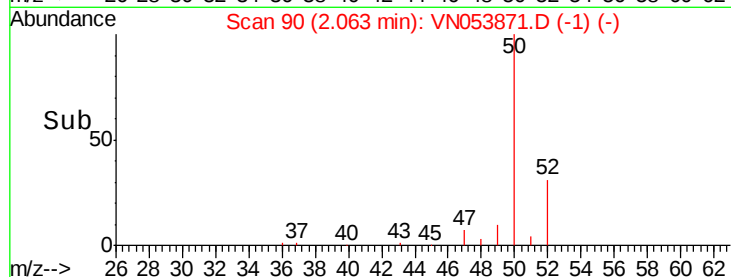
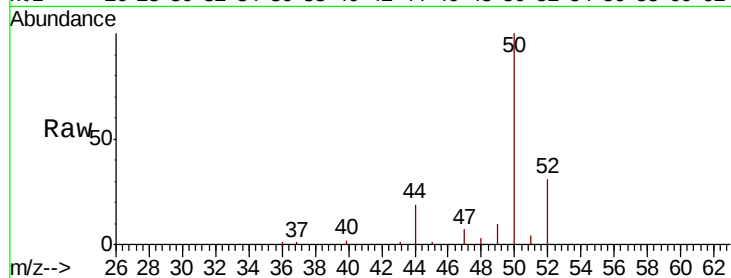
VSTDIC005

Tgt Ion: 50 Resp: 38007

Ion Ratio Lower Upper

50 100

52 31.4 26.0 39.0



#4

Vinyl Chloride

Concen: 5.702 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053871.D

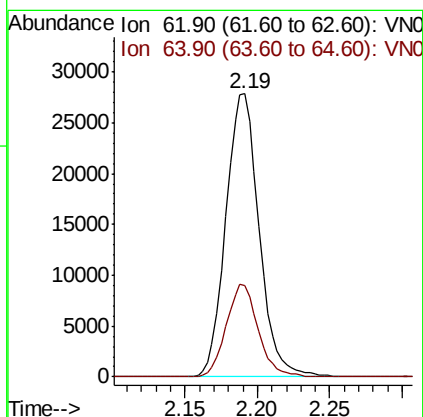
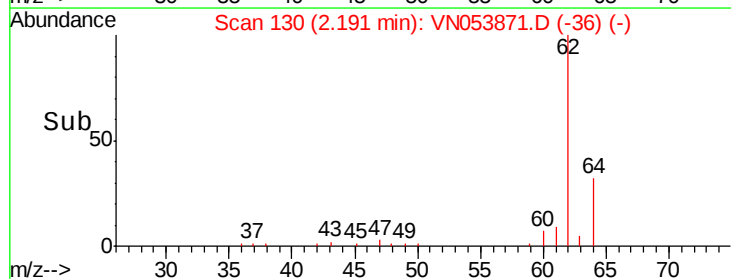
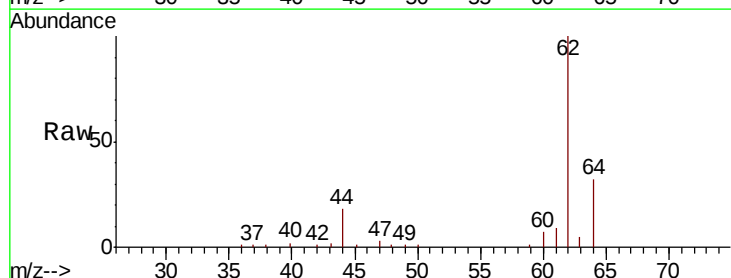
Acq: 20 Feb 2019 8:58

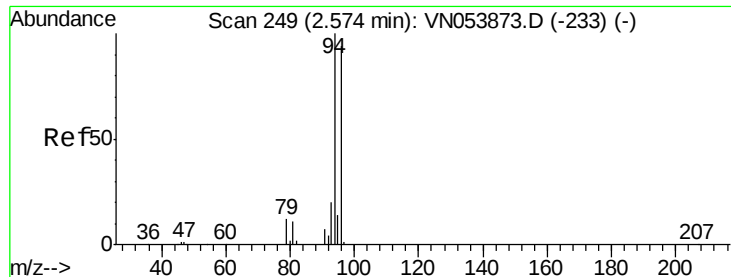
Tgt Ion: 62 Resp: 44263

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 5.598 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

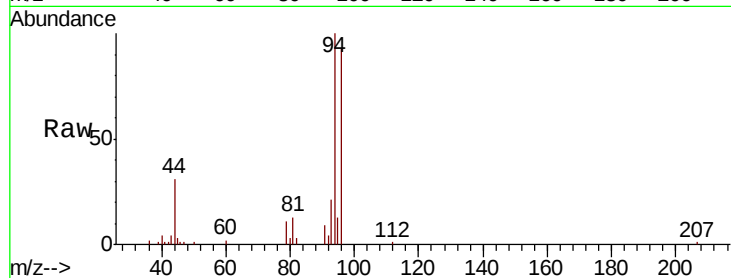
VSTDIC005

Tgt Ion: 94 Resp: 31828

Ion Ratio Lower Upper

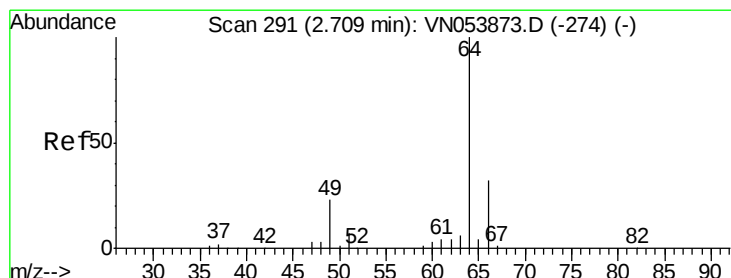
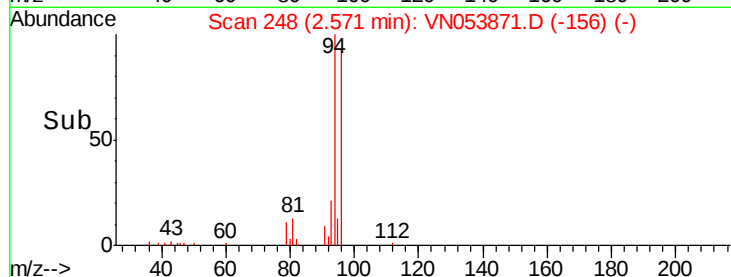
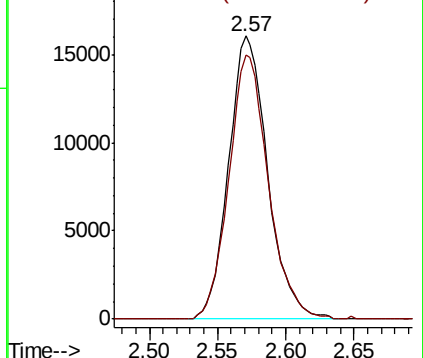
94 100

96 93.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 5.388 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN053871.D

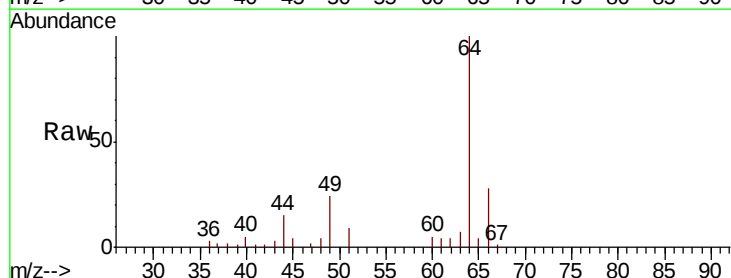
Acq: 20 Feb 2019 8:58

Tgt Ion: 64 Resp: 27035

Ion Ratio Lower Upper

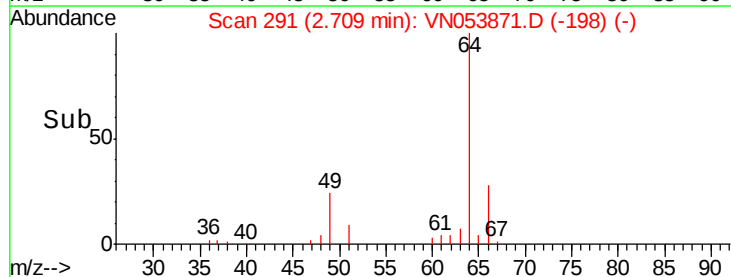
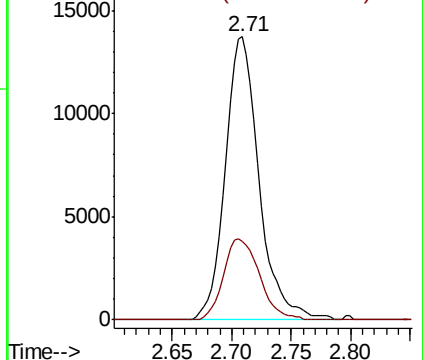
64 100

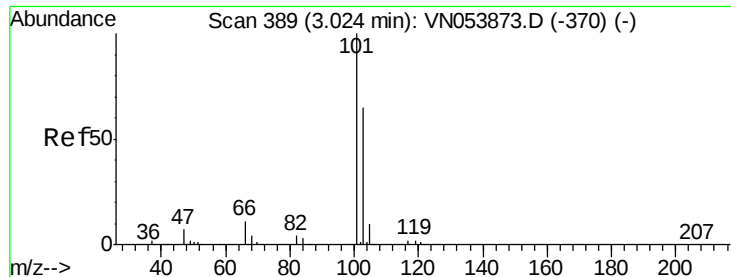
66 27.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 5.406 ug/l

RT: 3.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

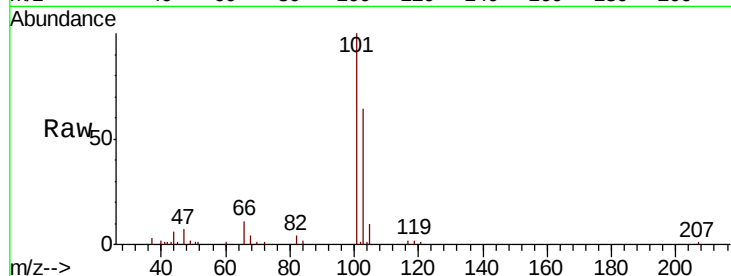
VSTDIC005

Tgt Ion:101 Resp: 59594

Ion Ratio Lower Upper

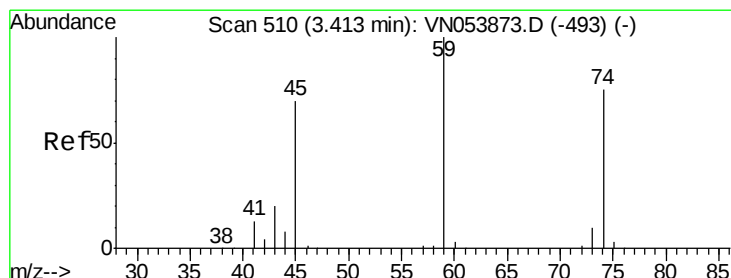
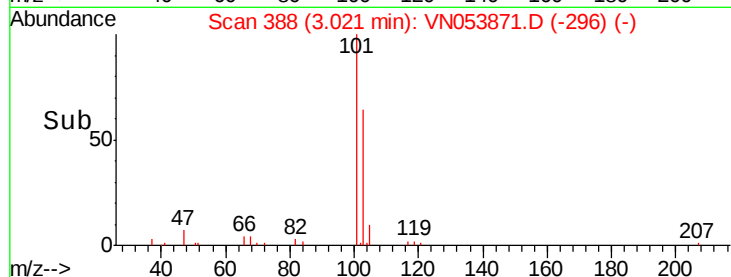
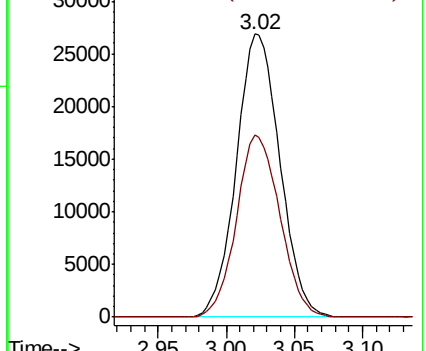
101 100

103 64.4 51.9 77.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.386 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN053871.D

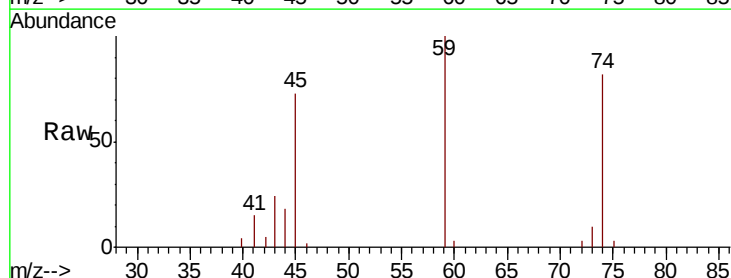
Acq: 20 Feb 2019 8:58

Tgt Ion: 74 Resp: 20871

Ion Ratio Lower Upper

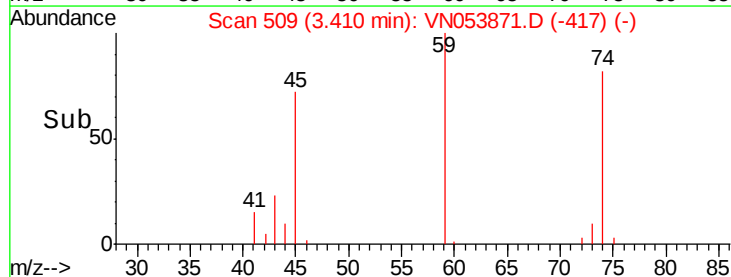
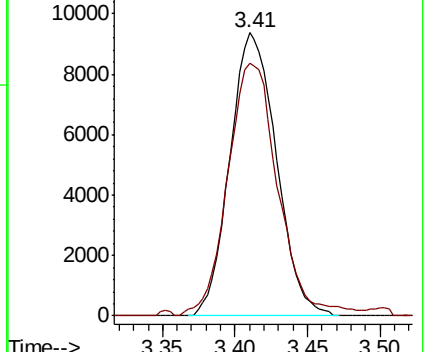
74 100

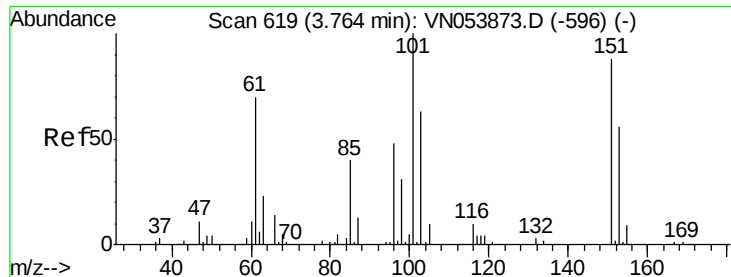
45 96.4 46.9 140.6



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.629 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

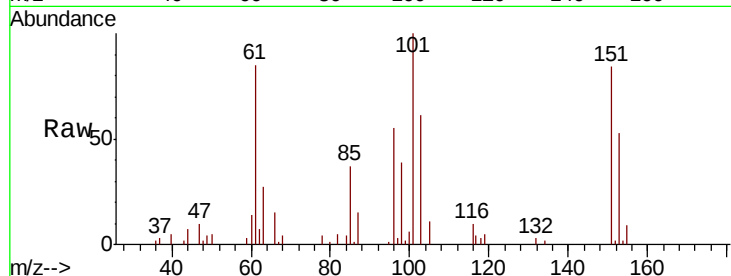
Tgt Ion:101 Resp: 37399

Ion Ratio Lower Upper

101 100

85 41.4 32.5 48.7

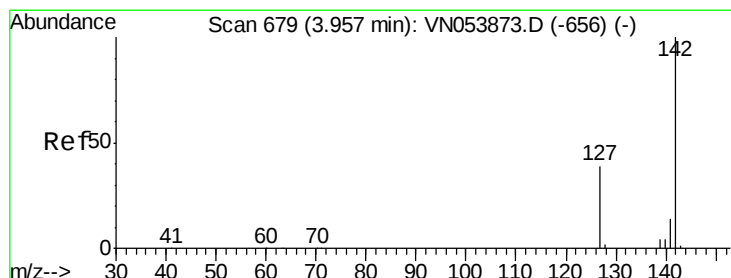
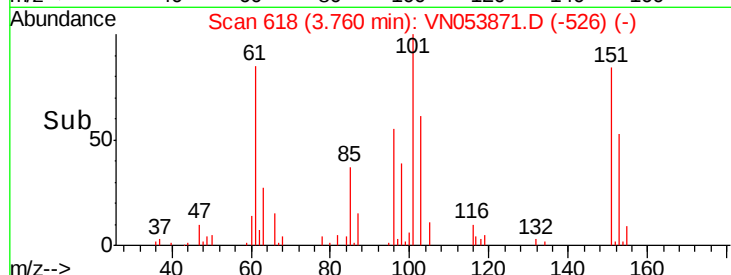
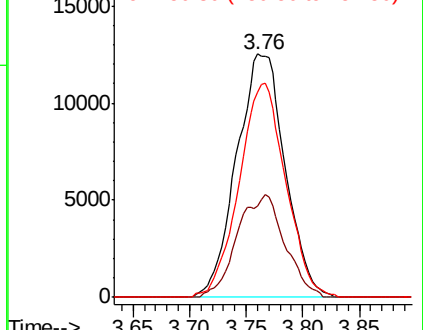
151 84.5 70.2 105.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.014 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

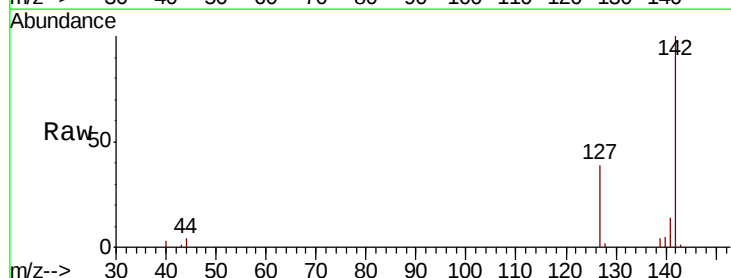
Tgt Ion:142 Resp: 49403

Ion Ratio Lower Upper

142 100

127 38.8 31.0 46.4

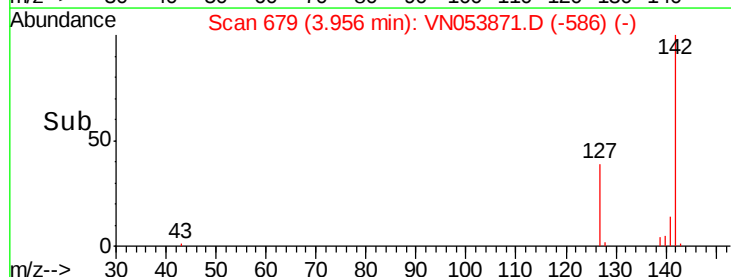
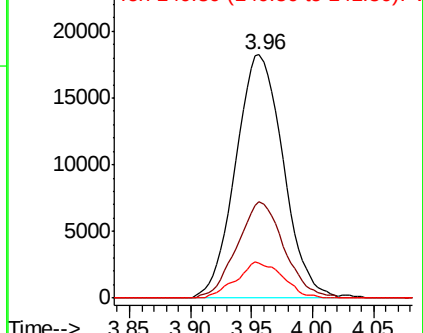
141 14.5 11.3 16.9

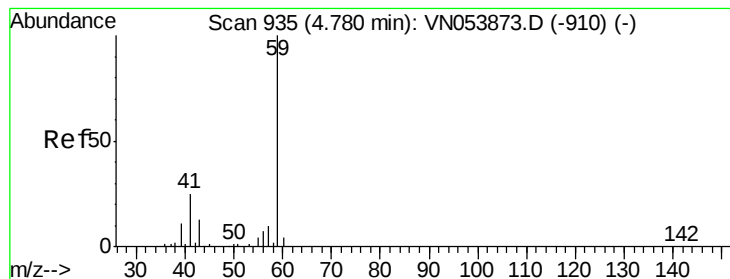


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 24.191 ug/l

RT: 4.79 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

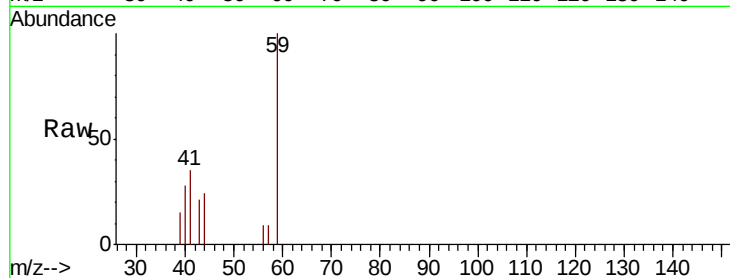
VSTDIC005

Tgt Ion: 59 Resp: 10334

Ion Ratio Lower Upper

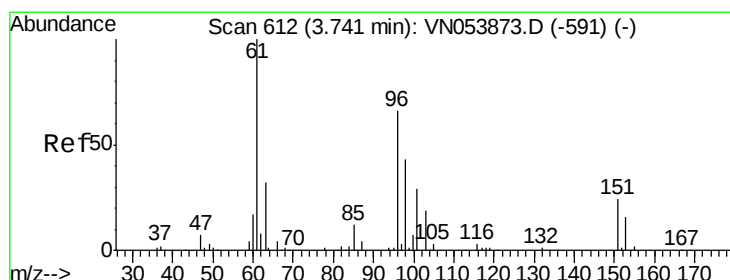
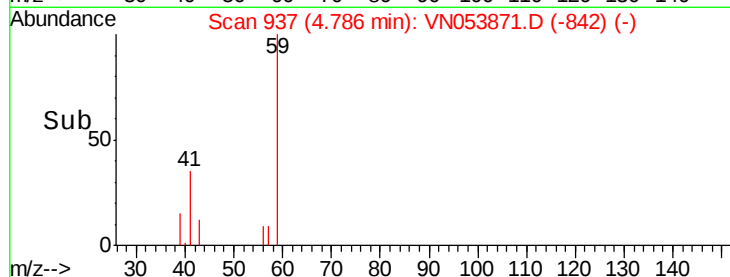
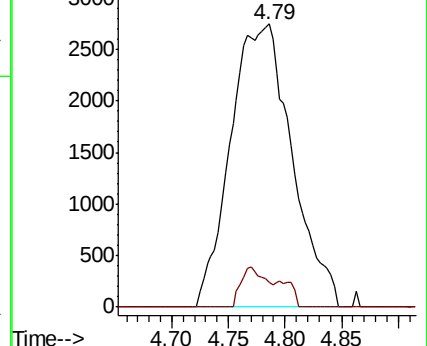
59 100

57 5.8 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN053873.D (-910) (-)

Ion 57.00 (56.70 to 57.70): VN053873.D (-910) (-)



#12

1,1-Dichloroethene

Concen: 5.344 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

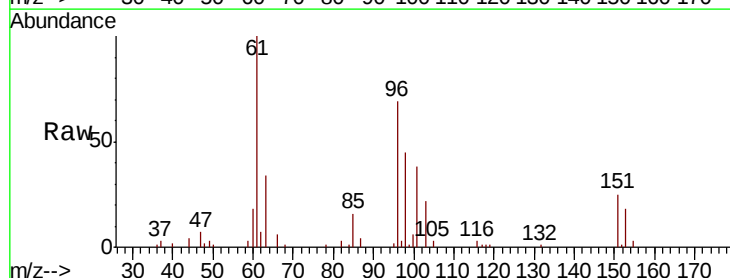
Tgt Ion: 96 Resp: 33207

Ion Ratio Lower Upper

96 100

61 145.7 121.0 181.4

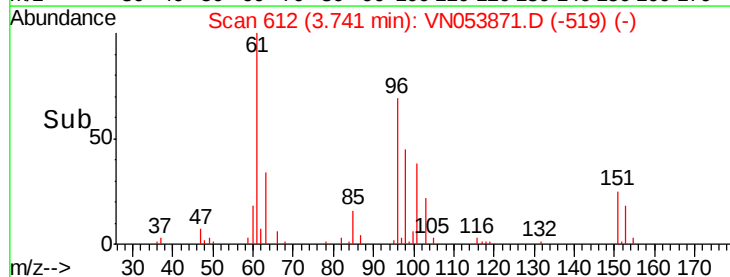
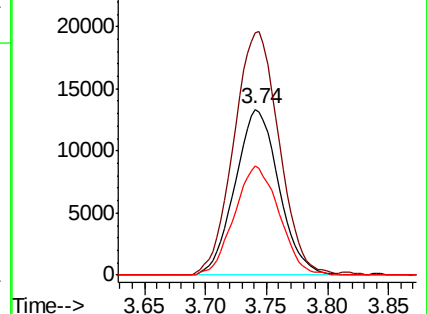
98 65.5 52.2 78.2

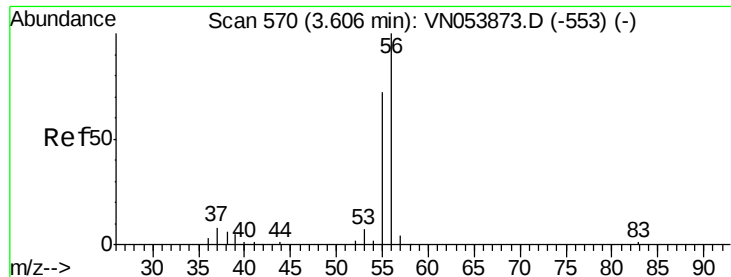


Abundance Ion 95.90 (95.60 to 96.60): VN053873.D (-591) (-)

Ion 60.90 (60.60 to 61.60): VN053873.D (-591) (-)

Ion 97.90 (97.60 to 98.60): VN053873.D (-591) (-)





#13

Acrolein

Concen: 29.556 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

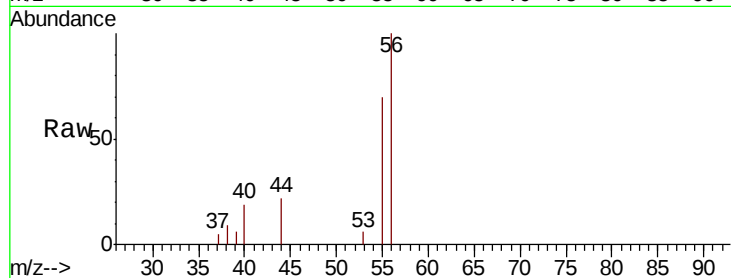
VSTDIC005

Tgt Ion: 56 Resp: 9024

Ion Ratio Lower Upper

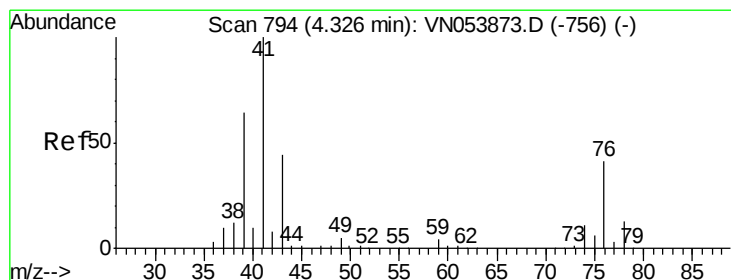
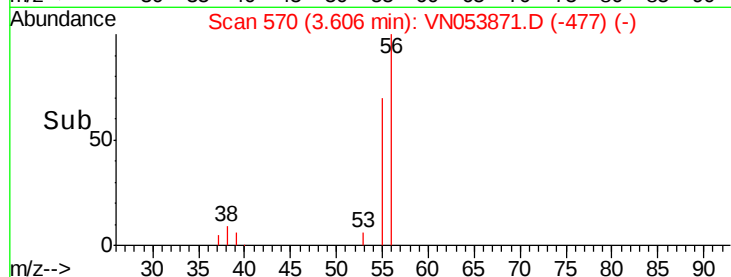
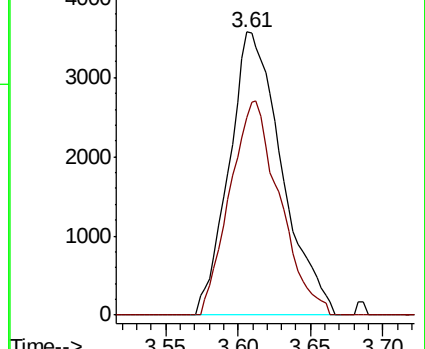
56 100

55 71.6 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 5.476 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

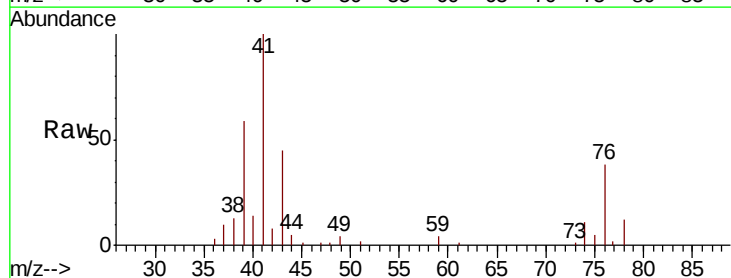
Tgt Ion: 41 Resp: 51497

Ion Ratio Lower Upper

41 100

39 56.9 48.8 73.2

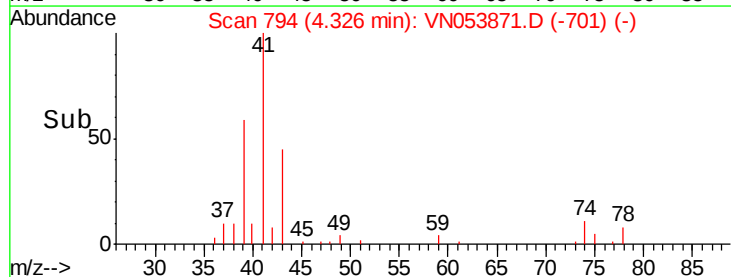
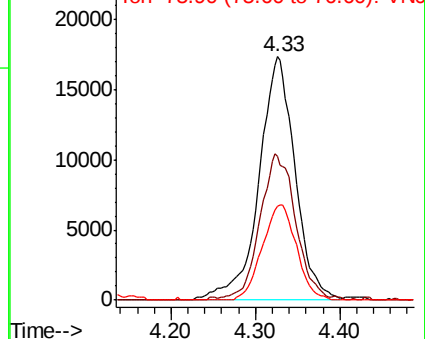
76 37.0 30.9 46.3

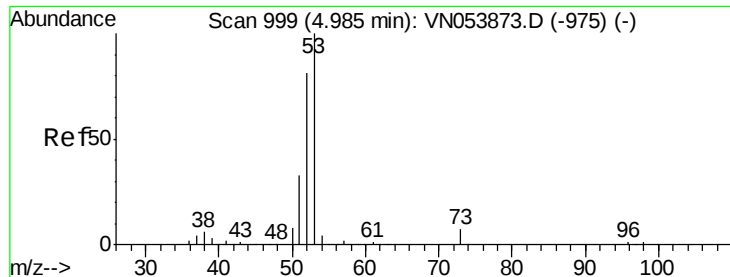


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 26.820 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

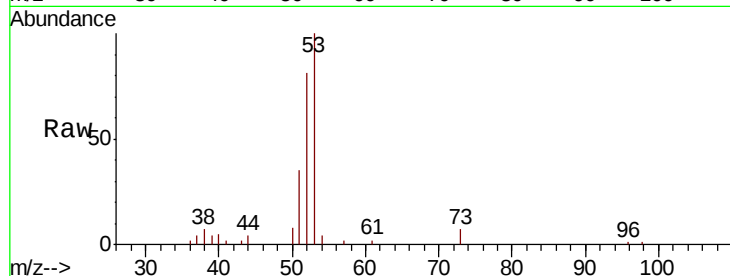
Tgt Ion: 53 Resp: 57716

Ion Ratio Lower Upper

53 100

52 81.8 65.1 97.7

51 35.8 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN053871.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN053871.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN053871.D (-975) (-)

4.99

20000

15000

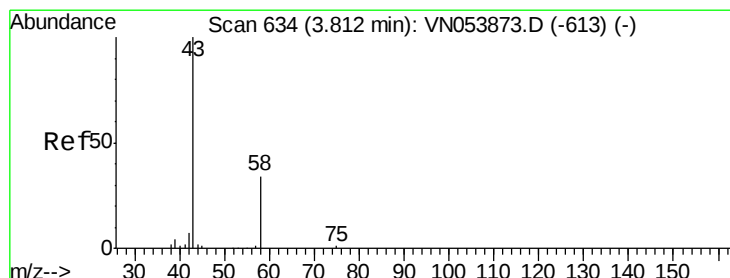
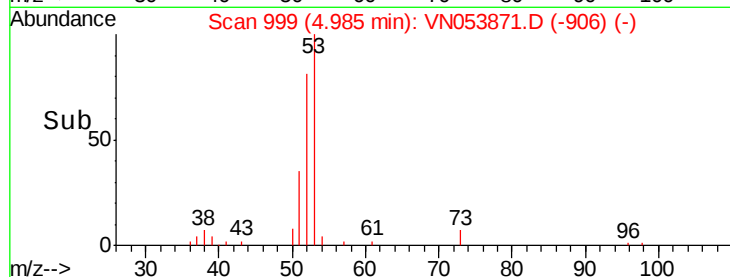
10000

5000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 28.654 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053871.D

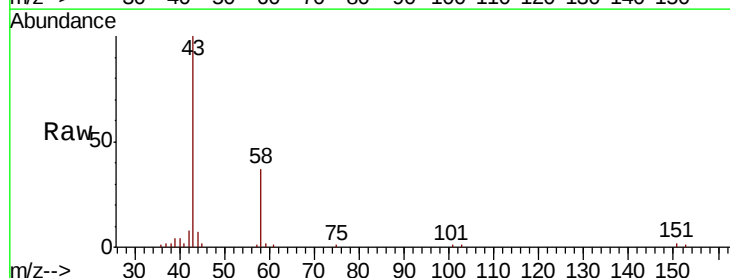
Acq: 20 Feb 2019 8:58

Tgt Ion: 43 Resp: 53926

Ion Ratio Lower Upper

43 100

58 37.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053871.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053871.D (-541) (-)

3.82

20000

15000

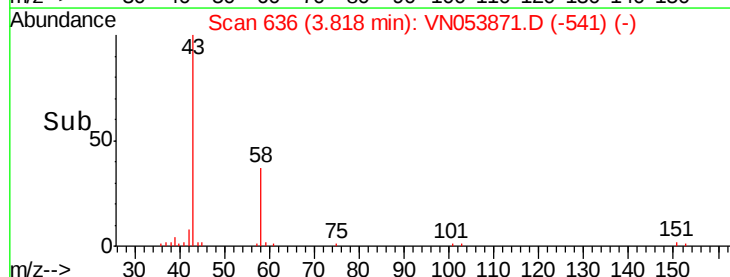
10000

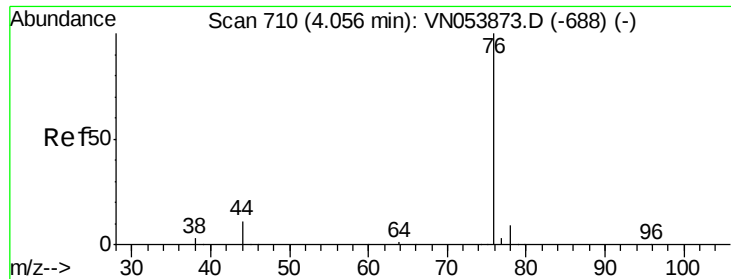
5000

0

3.70 3.80 3.90

Time-->

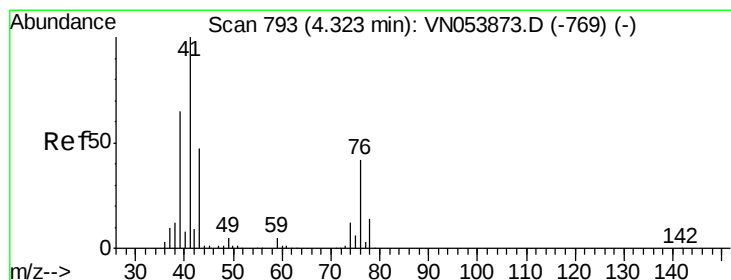
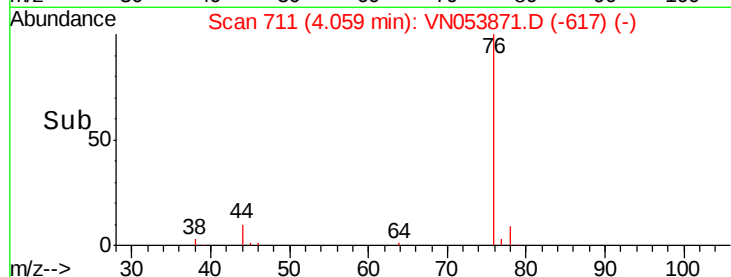
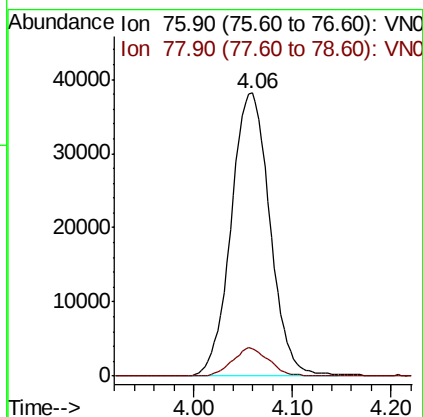
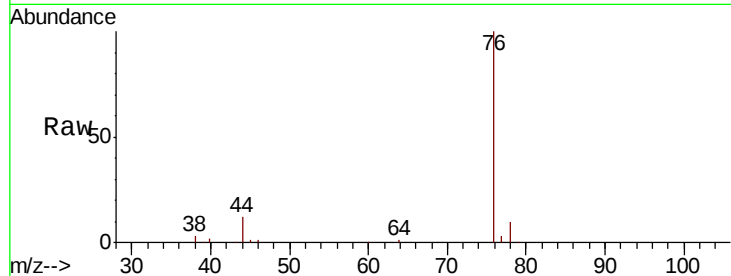




#17  
Carbon Disulfide  
Concen: 5.413 ug/l  
RT: 4.06 min Scan# 711  
Delta R.T. 0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

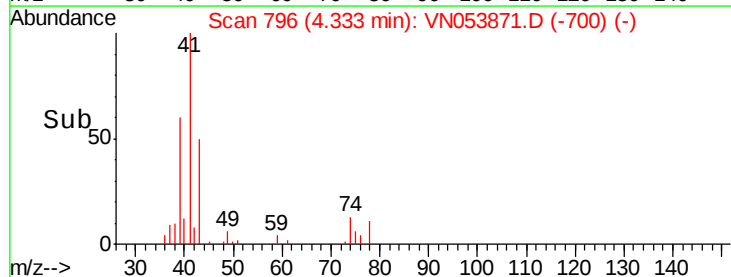
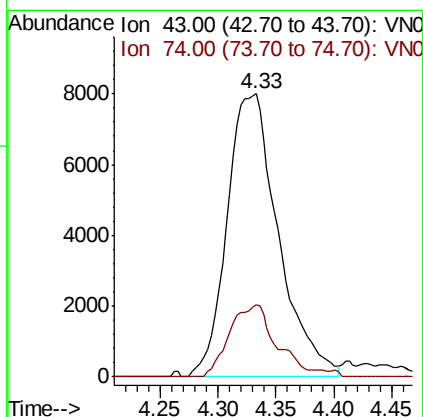
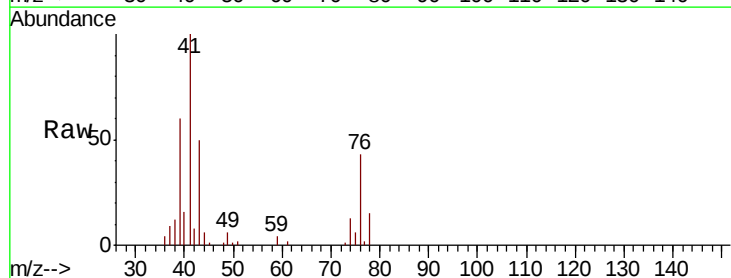
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

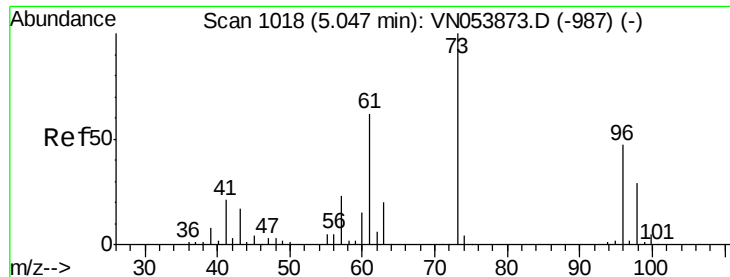
Tgt Ion: 76 Resp: 104175  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.5 11.3



#18  
Methyl Acetate  
Concen: 5.713 ug/l  
RT: 4.33 min Scan# 796  
Delta R.T. 0.01 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Tgt Ion: 43 Resp: 24586  
Ion Ratio Lower Upper  
43 100  
74 24.1 20.5 30.7

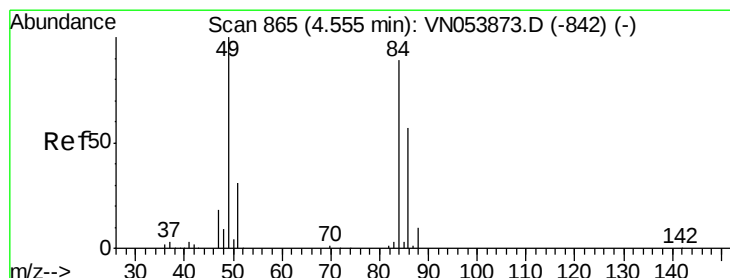
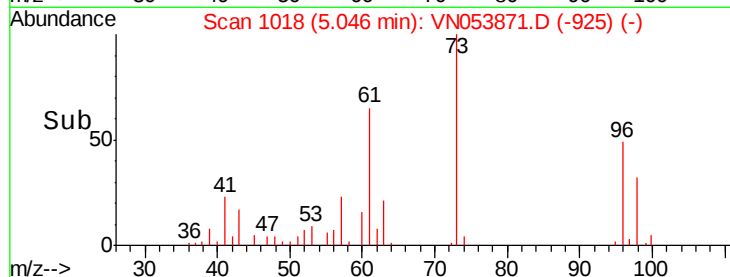
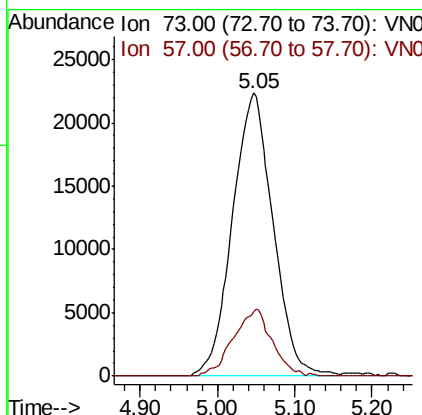
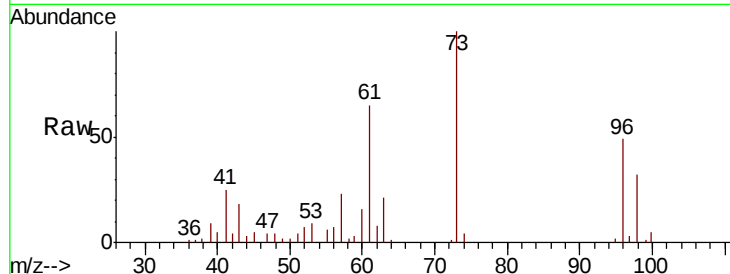




#19  
Methyl tert-butyl Ether  
Concen: 5.175 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

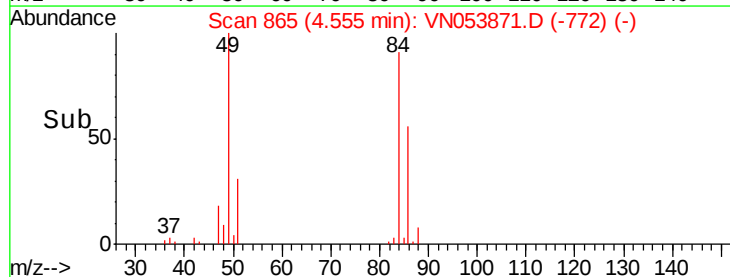
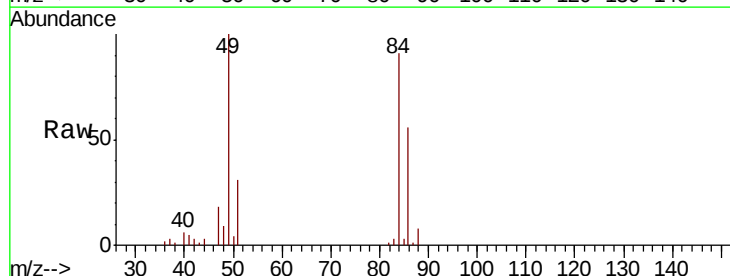
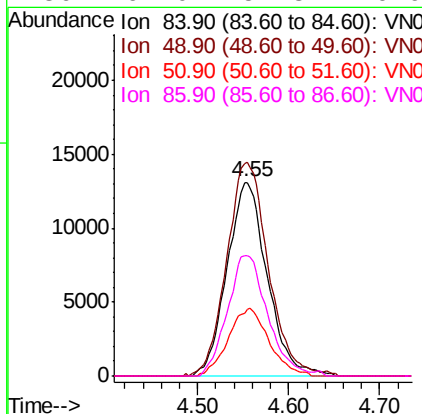
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

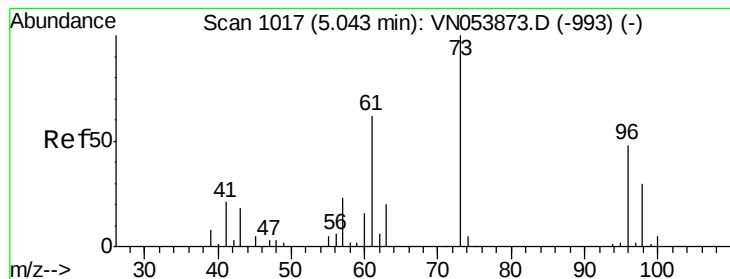
Tgt Ion: 73 Resp: 81587  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.0 27.0



#20  
Methylene Chloride  
Concen: 5.707 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Tgt Ion: 84 Resp: 40212  
Ion Ratio Lower Upper  
84 100  
49 110.4 89.7 134.5  
51 34.1 27.8 41.8  
86 62.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 5.468 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

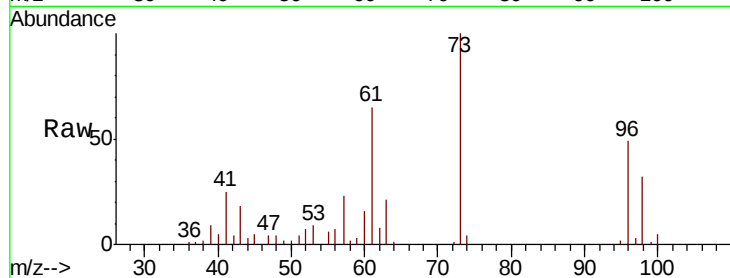
Tgt Ion: 96 Resp: 35662

Ion Ratio Lower Upper

96 100

61 133.0 104.5 156.7

98 66.3 50.6 76.0

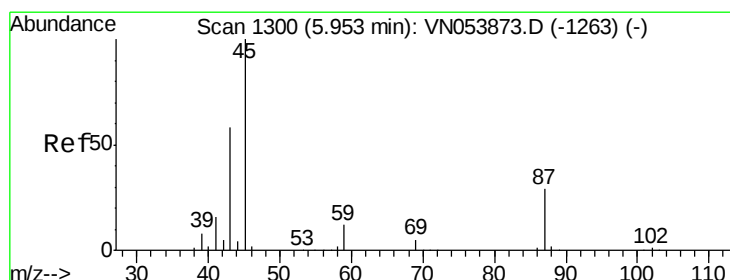
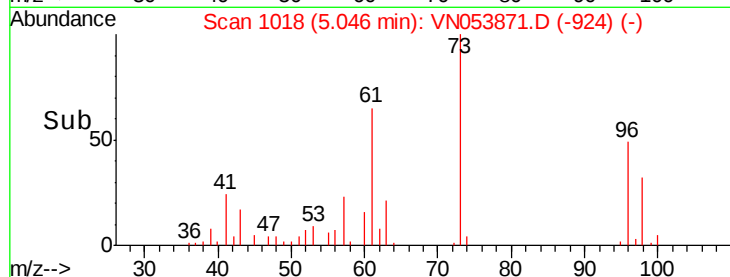
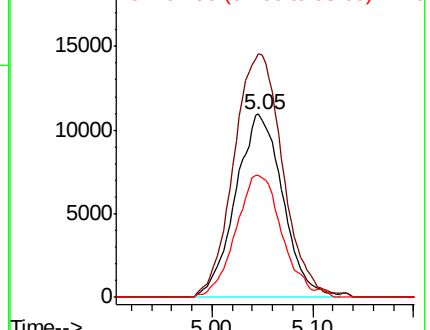


Abundance

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: 5.133 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Tgt Ion: 45 Resp: 89984

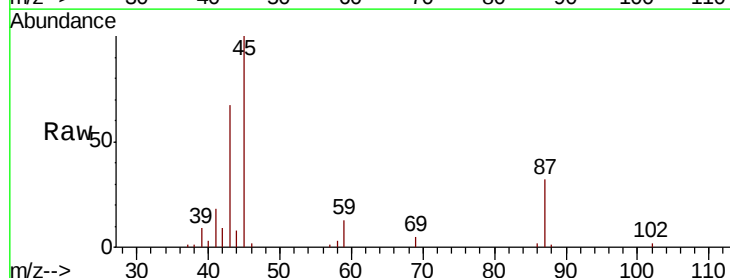
Ion Ratio Lower Upper

45 100

43 62.2 46.2 69.4

87 31.3 23.4 35.0

59 12.6 9.4 14.0



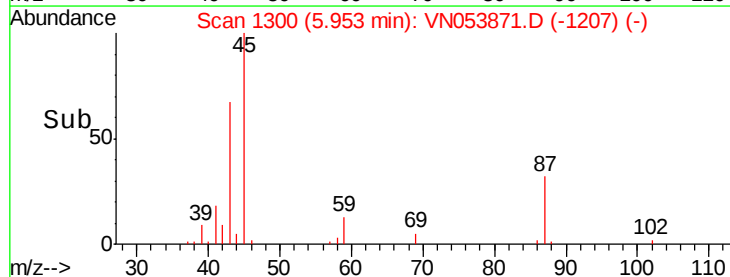
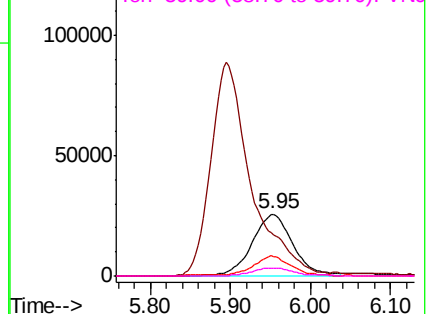
Abundance

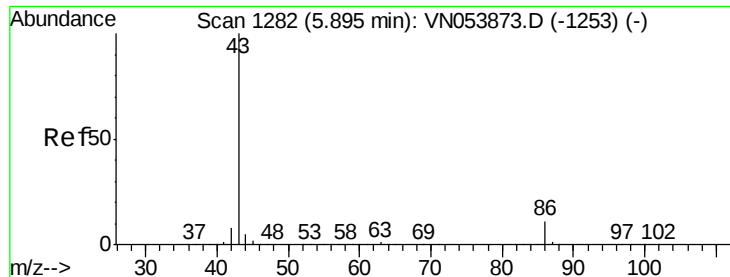
Ion 45.00 (44.70 to 45.70): VN0

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

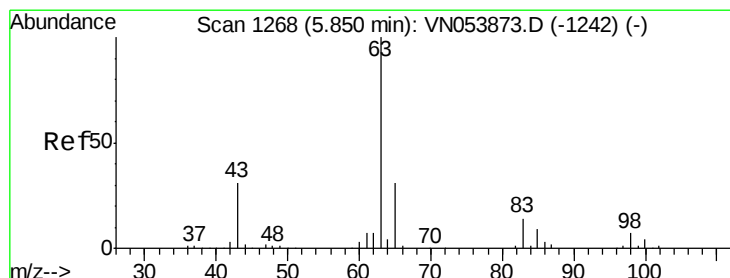
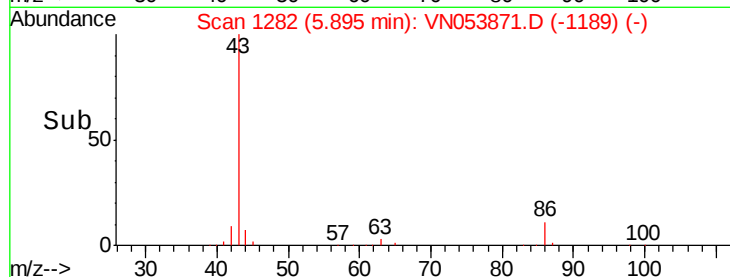
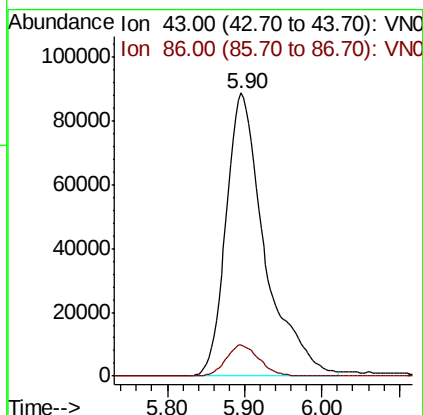
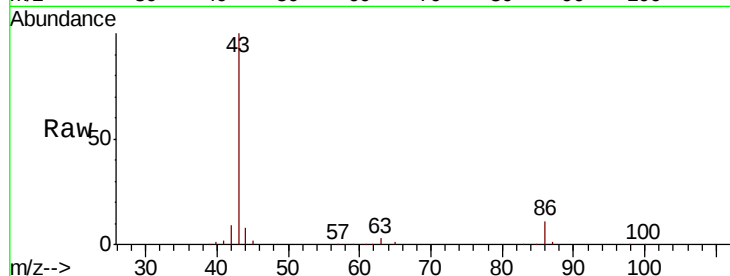




#23  
 Vinyl Acetate  
 Concen: 24.782 ug/l  
 RT: 5.90 min Scan# 1282  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

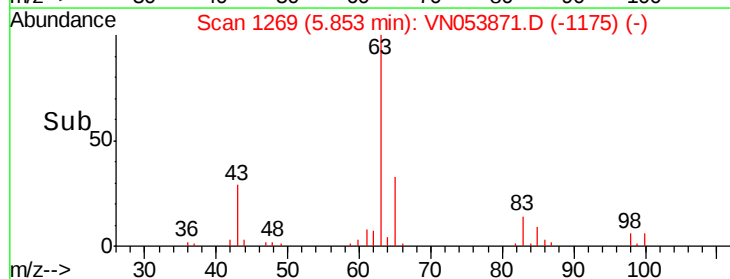
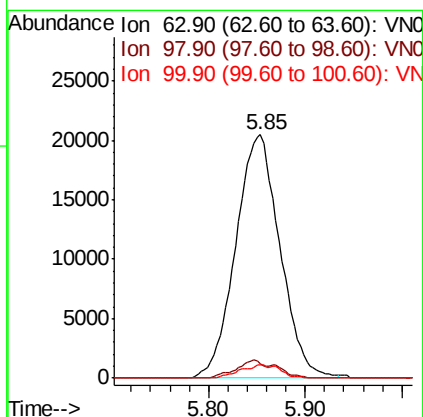
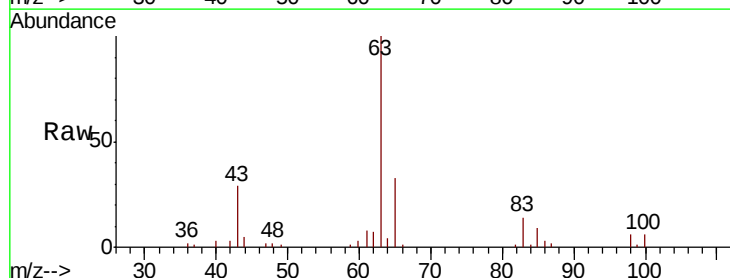
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

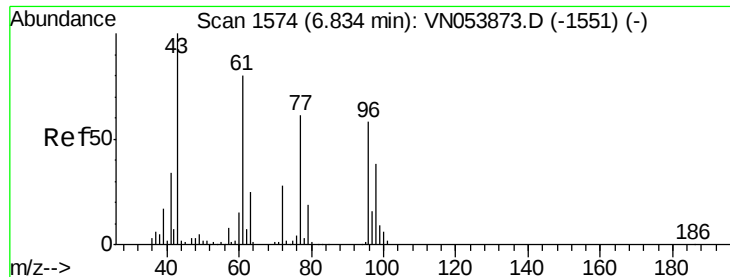
Tgt Ion: 43 Resp: 308300  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 9.1 13.7



#24  
 1,1-Dichloroethane  
 Concen: 5.485 ug/l  
 RT: 5.85 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

Tgt Ion: 63 Resp: 65095  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 3.4 10.2  
 100 5.5 2.2 6.6





#25

2-Butanone

Concen: 26.766 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

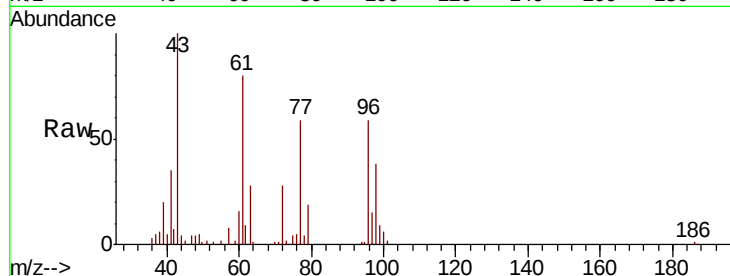
VSTDIC005

Tgt Ion: 43 Resp: 65000

Ion Ratio Lower Upper

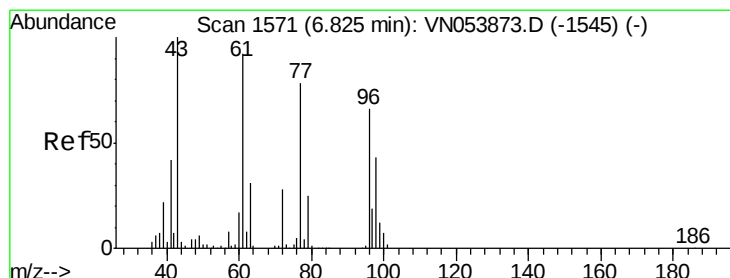
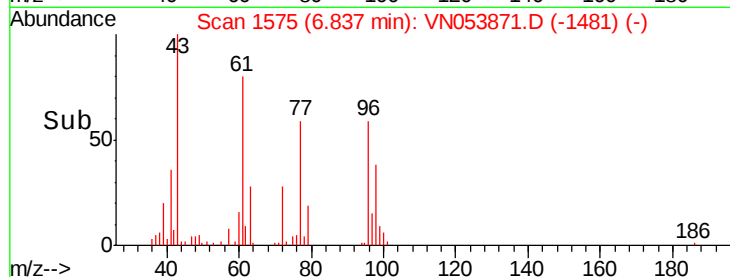
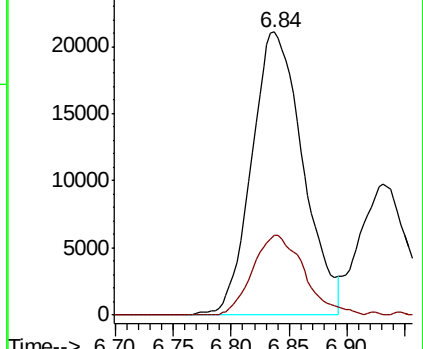
43 100

72 28.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 5.299 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN053871.D

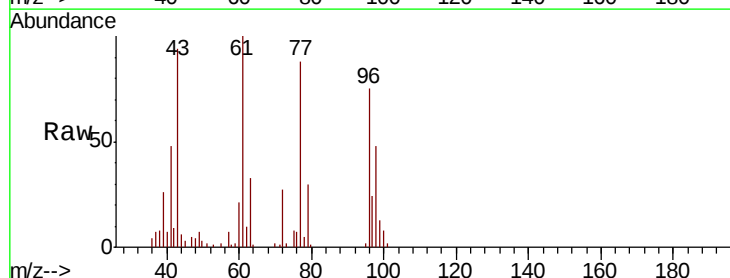
Acq: 20 Feb 2019 8:58

Tgt Ion: 77 Resp: 47727

Ion Ratio Lower Upper

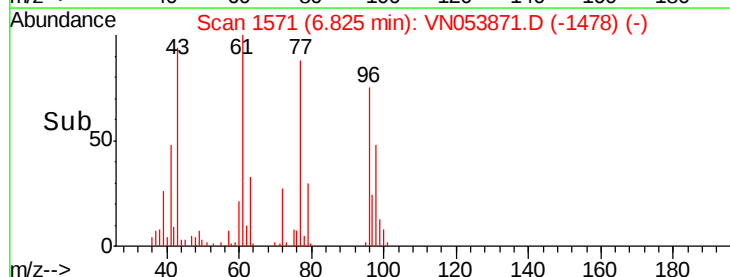
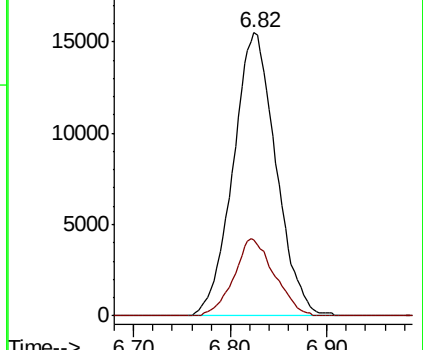
77 100

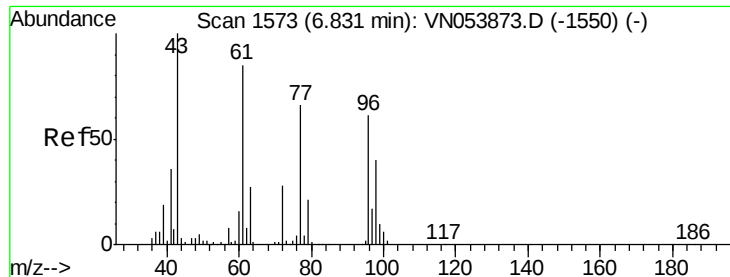
97 25.7 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 5.341 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

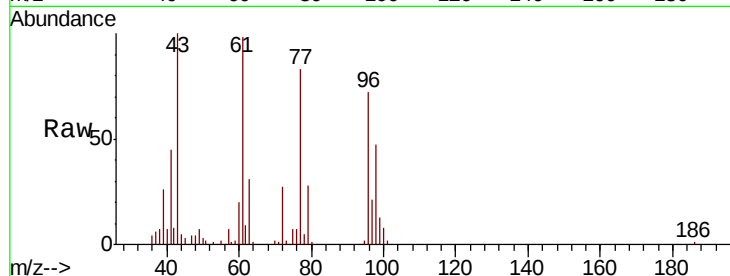
Tgt Ion: 96 Resp: 39016

Ion Ratio Lower Upper

96 100

61 142.3 0.0 275.6

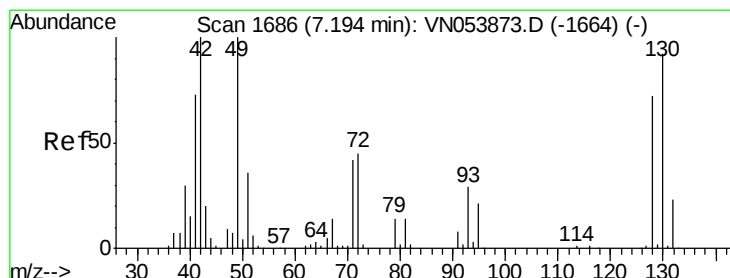
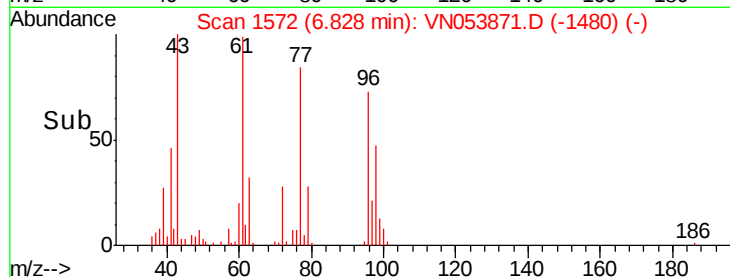
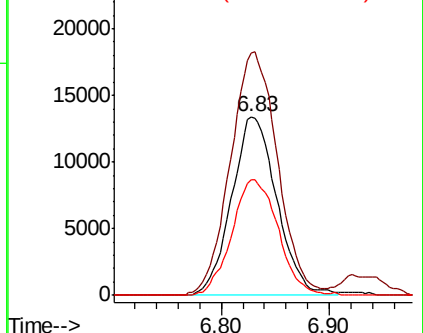
98 66.4 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN053871.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN053871.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN053871.D (-1550) (-)



#28

Bromochloromethane

Concen: 5.415 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

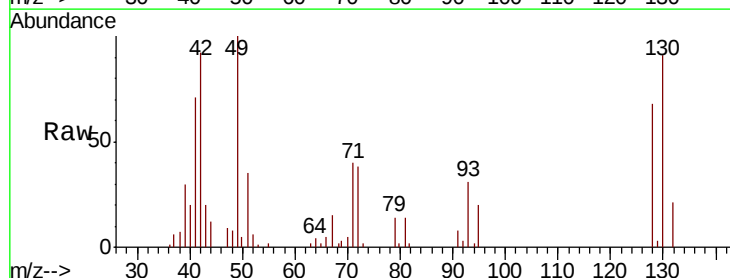
Tgt Ion: 49 Resp: 28052

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

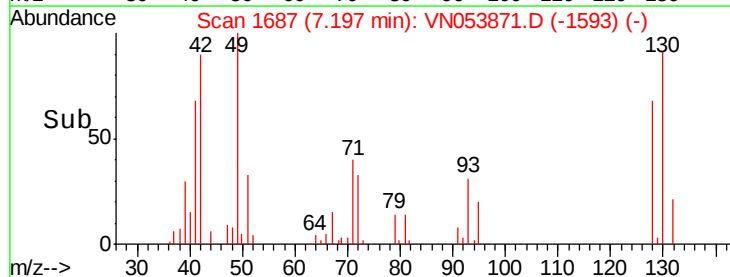
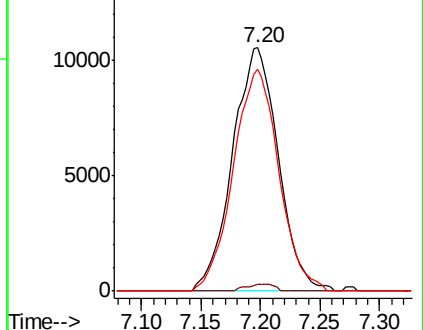
130 90.8 72.9 109.3

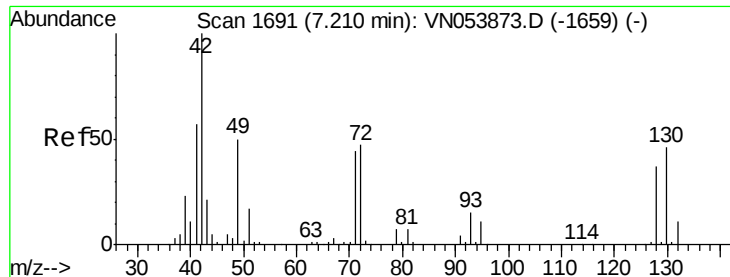


Abundance Ion 48.90 (48.60 to 49.60): VN053871.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN053871.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN053871.D (-1593) (-)





#29

Tetrahydrofuran

Concen: 25.683 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

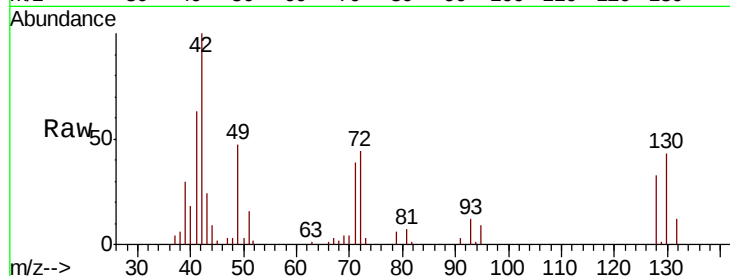
Tgt Ion: 42 Resp: 40336

Ion Ratio Lower Upper

42 100

72 45.4 36.9 55.3

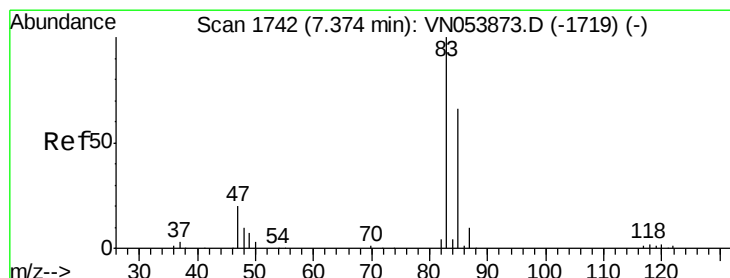
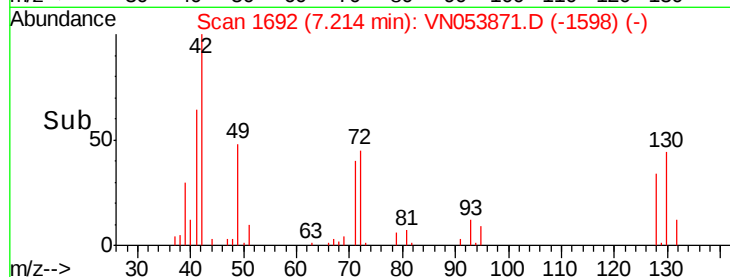
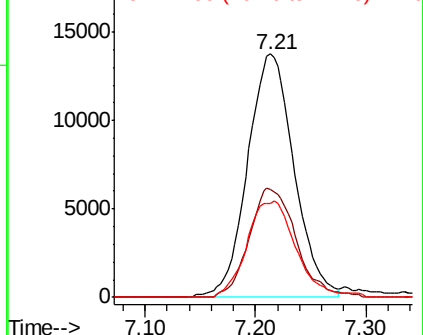
71 41.3 34.6 52.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 5.634 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN053871.D

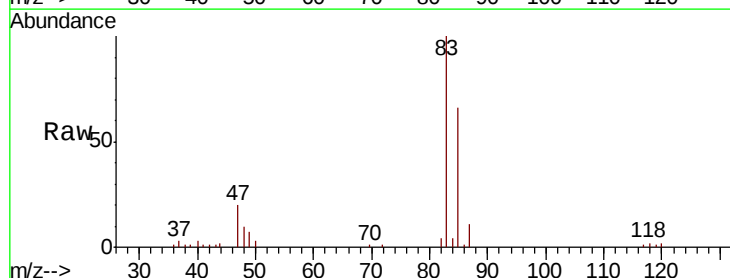
Acq: 20 Feb 2019 8:58

Tgt Ion: 83 Resp: 67190

Ion Ratio Lower Upper

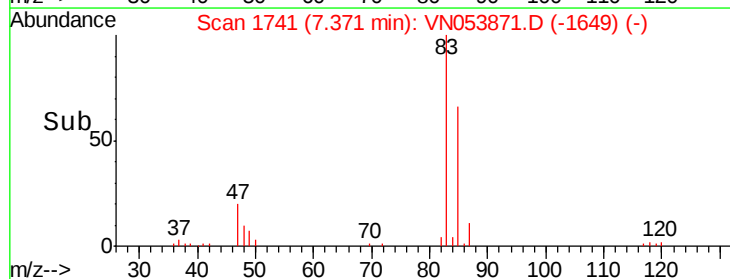
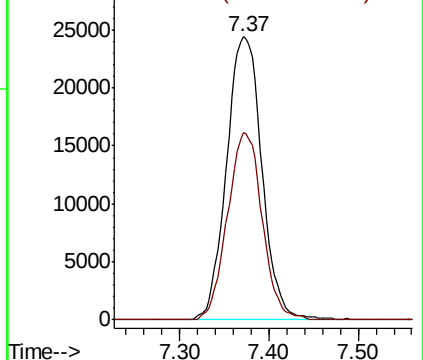
83 100

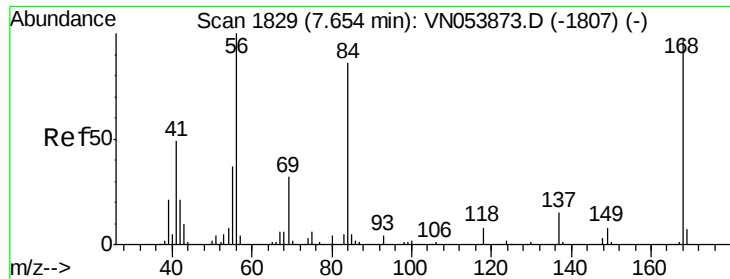
85 66.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

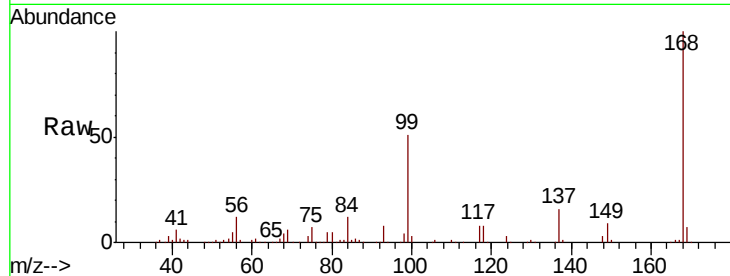




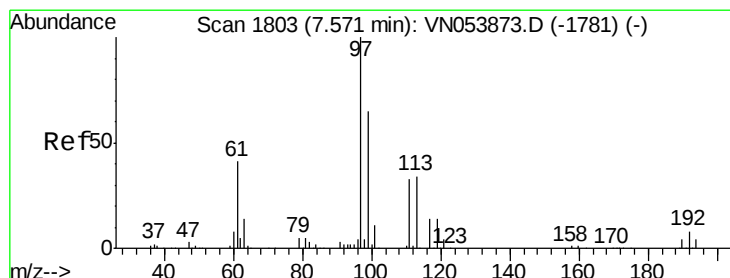
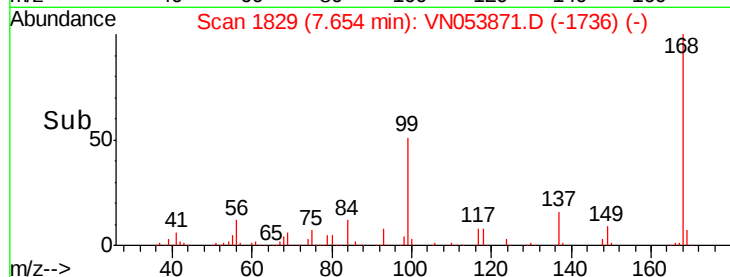
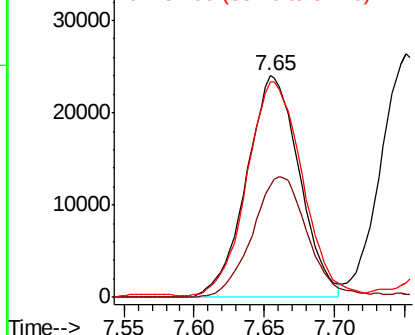
#31  
Cyclohexane  
Concen: 5.087 ug/l  
RT: 7.65 min Scan# 1829  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 50.6  | 26.0  | 39.0  |
| 84      | 96.5  | 69.1  | 103.7 |

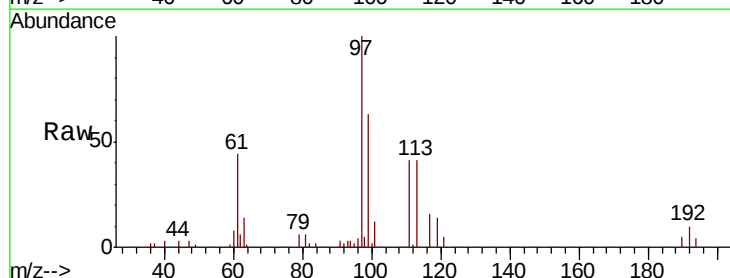


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

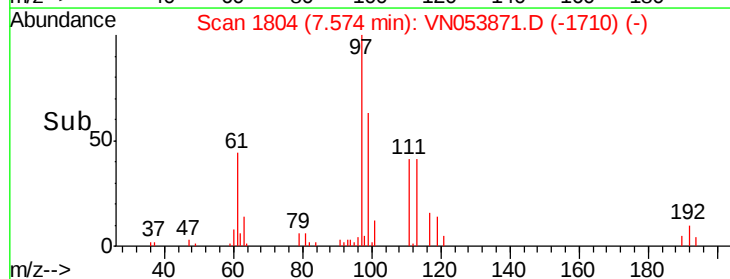
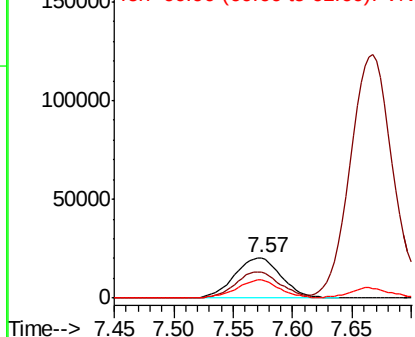


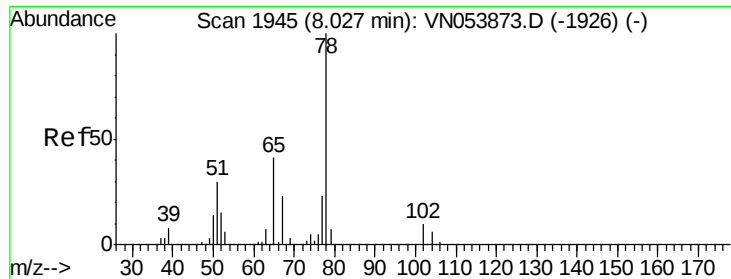
#32  
1,1,1-Trichloroethane  
Concen: 5.403 ug/l  
RT: 7.57 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 62.9  | 51.8  | 77.8  |
| 61      | 42.6  | 33.2  | 49.8  |



Abundance Ion 96.90 (96.60 to 97.60): VN0  
Ion 98.90 (98.60 to 99.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0

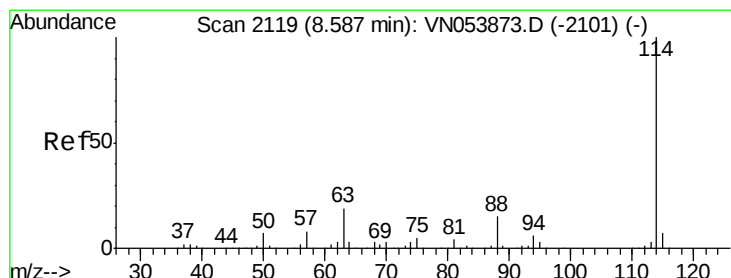
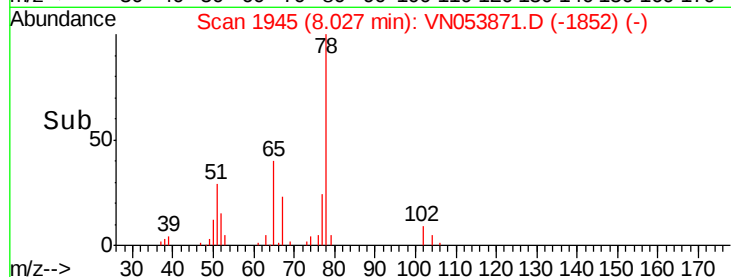
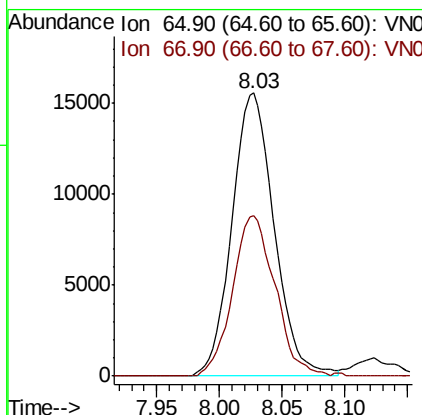
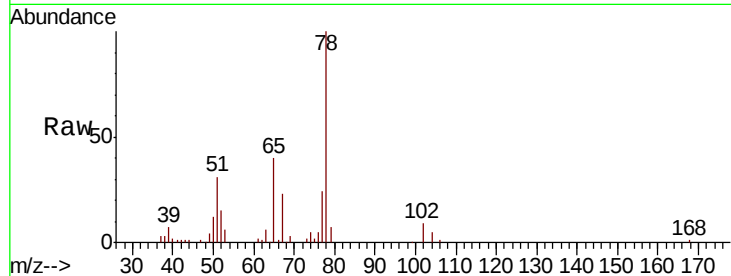




#33  
 1,2-Dichloroethane-d4  
 Concen: 5.332 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

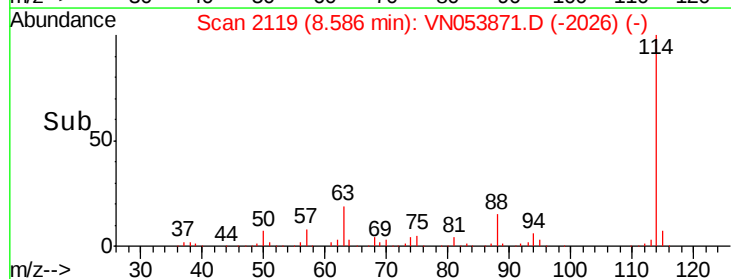
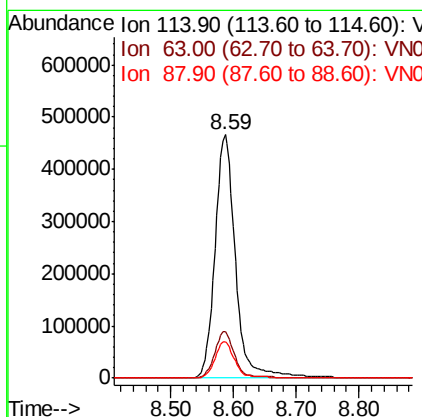
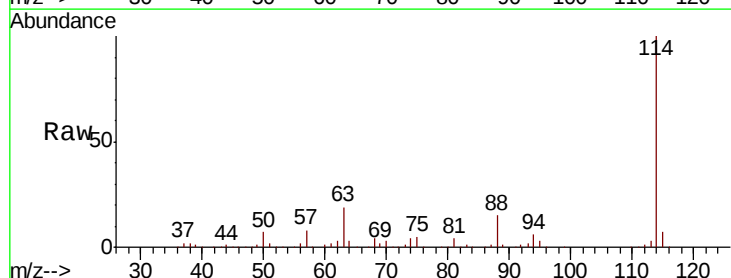
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

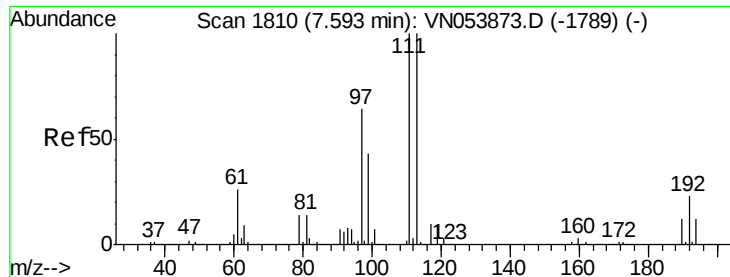
Tgt Ion: 65 Resp: 36487  
 Ion Ratio Lower Upper  
 65 100  
 67 56.8 0.0 111.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

Tgt Ion: 114 Resp: 1051391  
 Ion Ratio Lower Upper  
 114 100  
 63 19.0 0.0 37.4  
 88 15.0 0.0 30.4

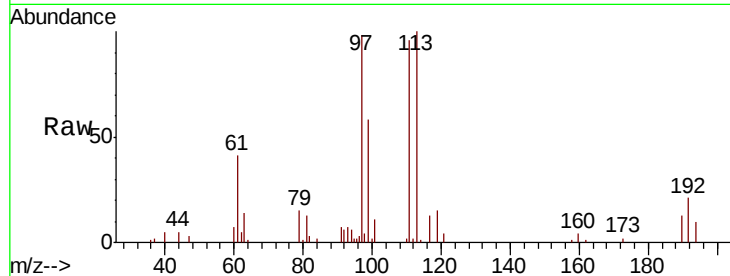




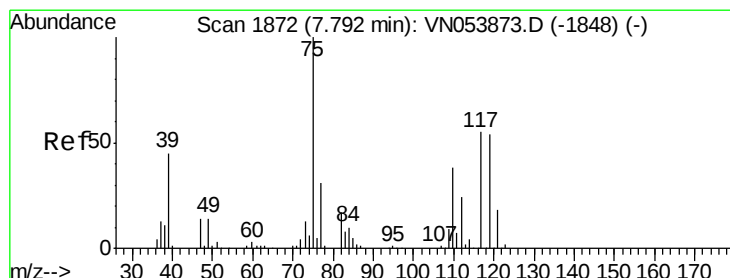
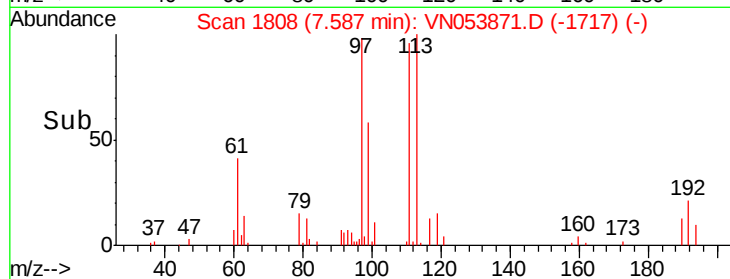
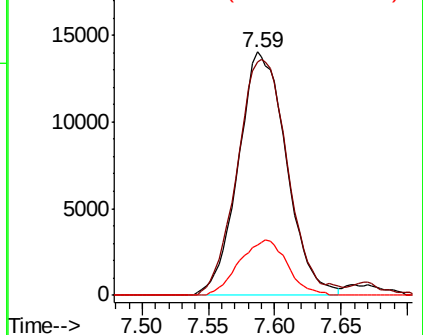
#35  
 Dibromofluoromethane  
 Concen: 5.153 ug/l  
 RT: 7.59 min Scan# 1808  
 Delta R.T. -0.01 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.7 | 81.1  | 121.7 |
| 192     | 22.7  | 18.8  | 28.2  |

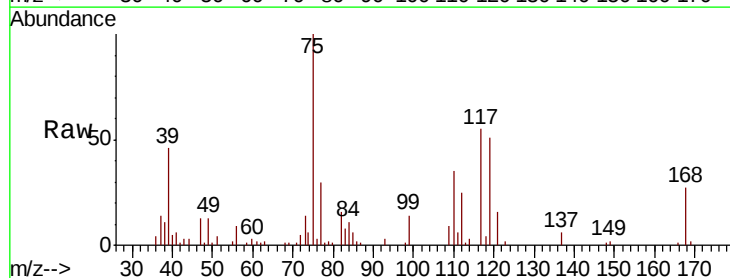


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

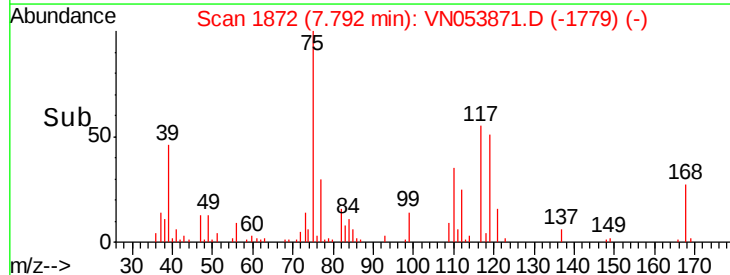
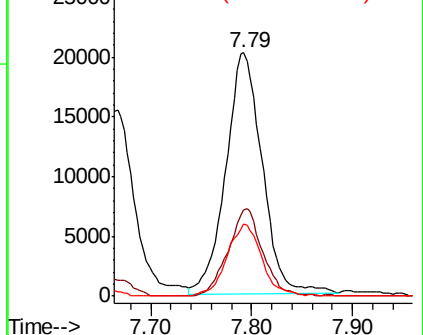


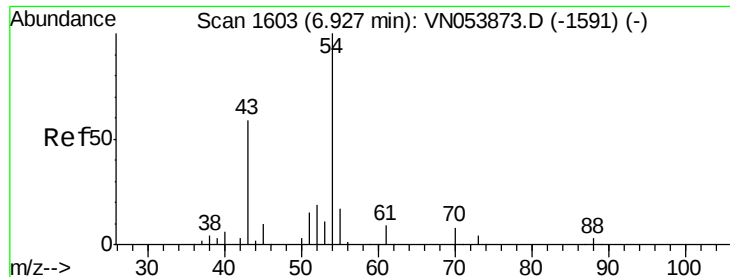
#36  
 1,1-Dichloropropene  
 Concen: 5.256 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 34.4  | 19.0  | 57.0  |
| 77      | 28.5  | 25.4  | 38.0  |



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

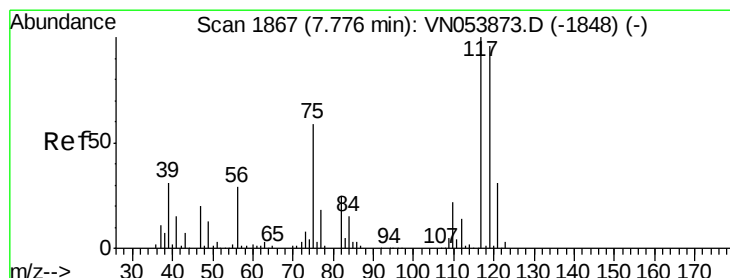
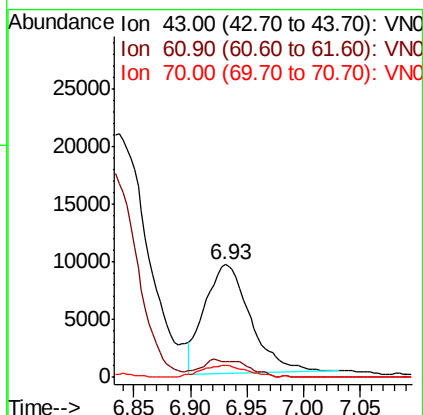
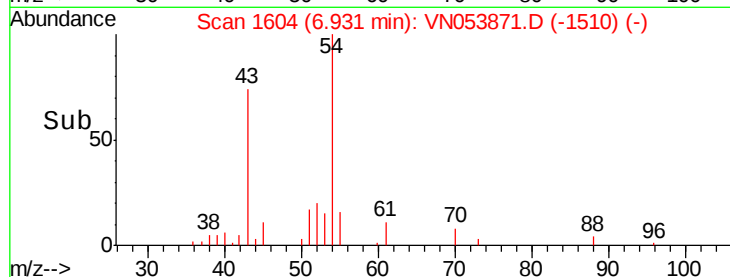
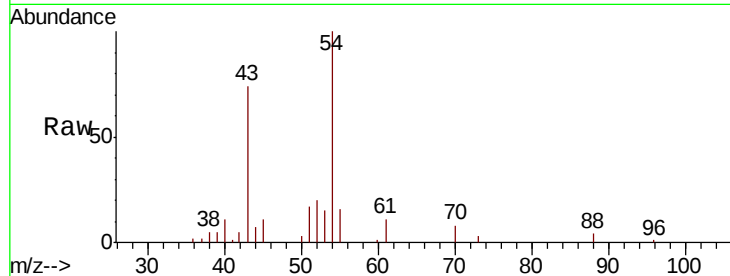




#37  
Ethyl Acetate  
Concen: 5.025 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

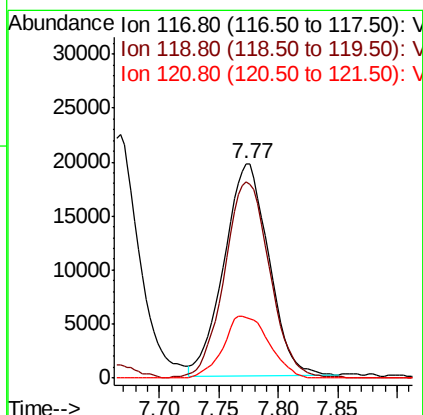
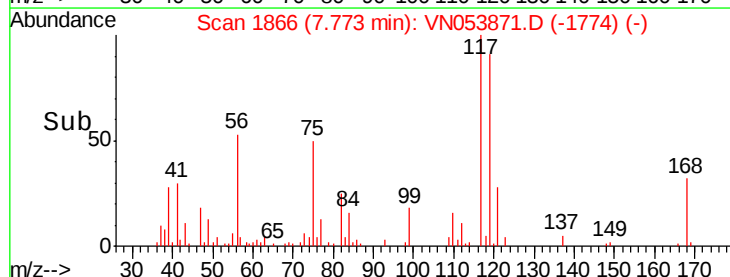
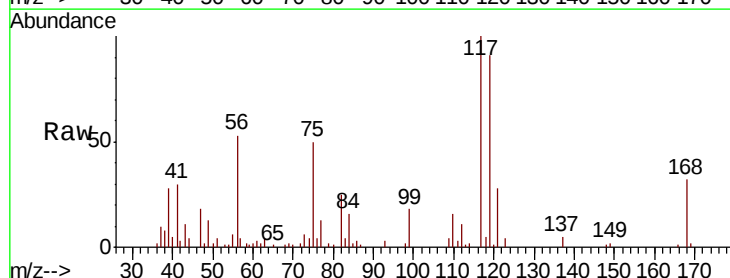
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

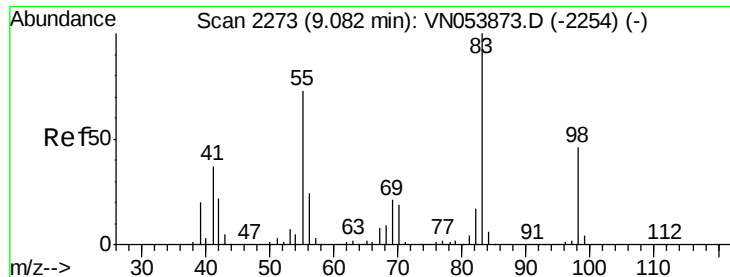
Tgt Ion: 43 Resp: 26727  
Ion Ratio Lower Upper  
43 100  
61 0.0 12.0 18.0#  
70 10.9 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 4.953 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Tgt Ion: 117 Resp: 51019  
Ion Ratio Lower Upper  
117 100  
119 91.8 76.2 114.2  
121 28.5 24.6 36.8

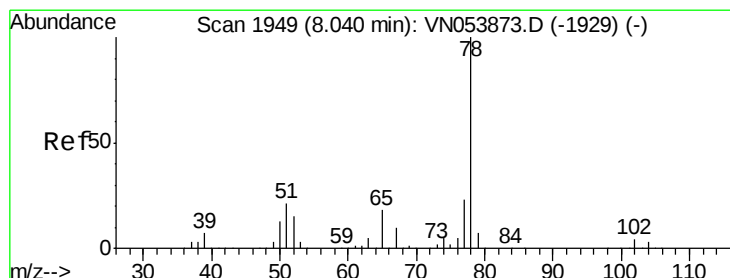
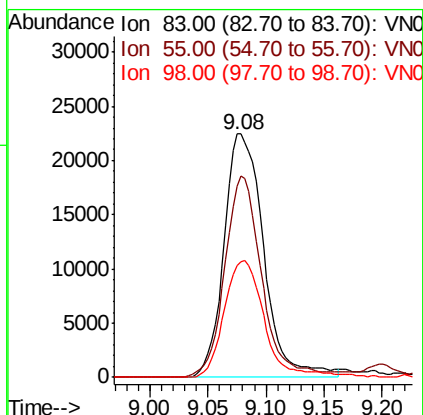
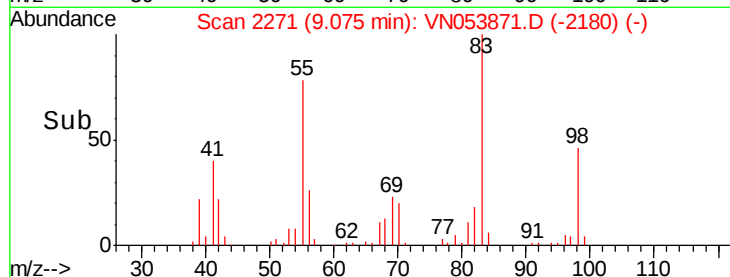
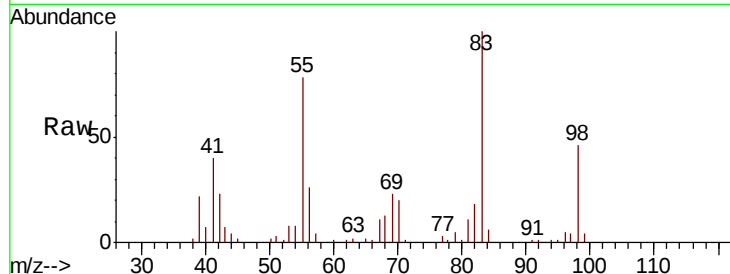




#39  
Methylcyclohexane  
Concen: 4.793 ug/l  
RT: 9.08 min Scan# 2271  
Delta R.T. -0.01 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

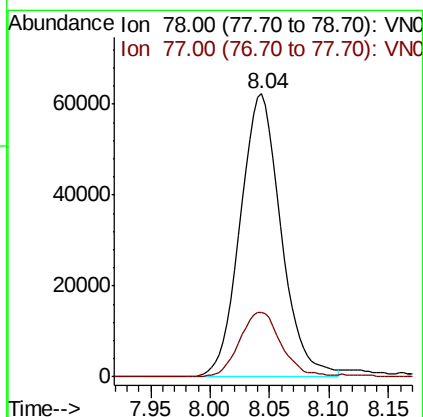
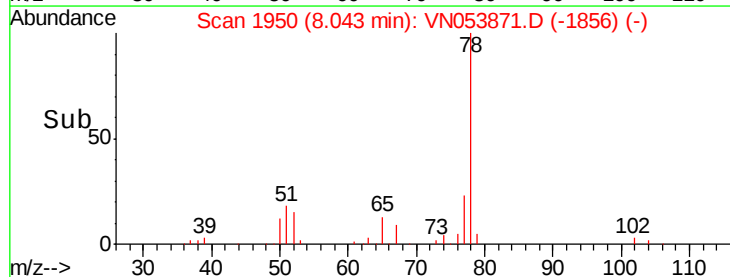
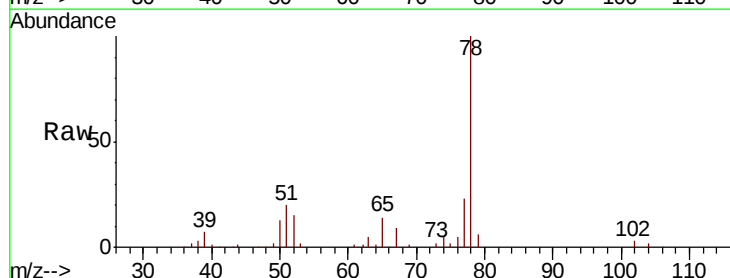
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

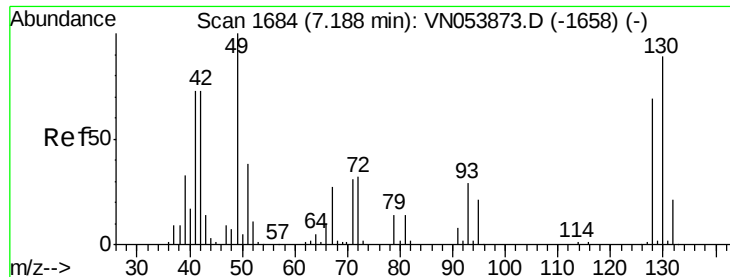
Tgt Ion: 83 Resp: 53230  
Ion Ratio Lower Upper  
83 100  
55 77.5 58.2 87.4  
98 45.6 37.2 55.8



#40  
Benzene  
Concen: 5.203 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Tgt Ion: 78 Resp: 148227  
Ion Ratio Lower Upper  
78 100  
77 22.9 18.8 28.2

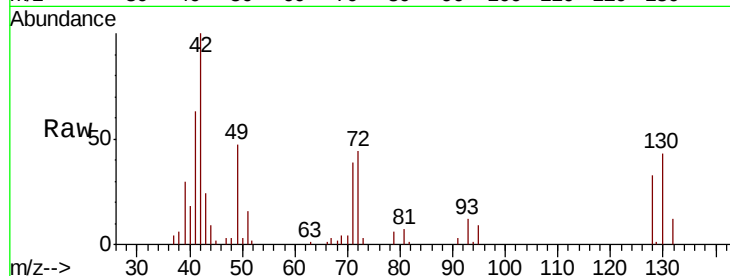




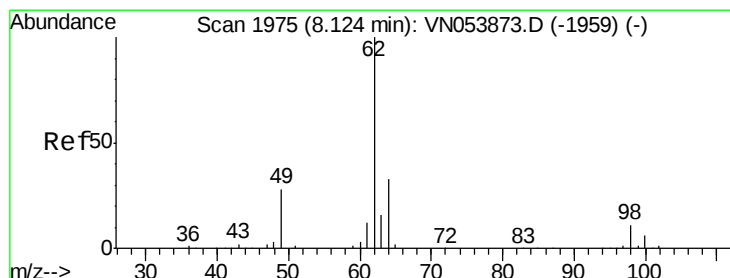
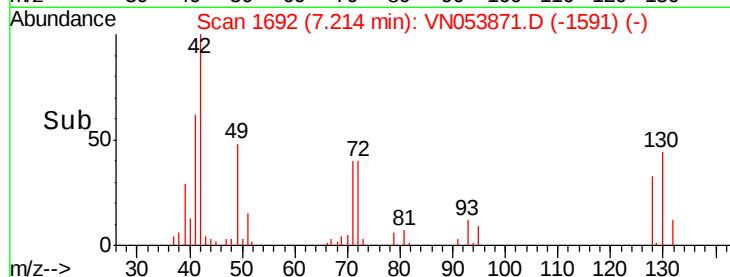
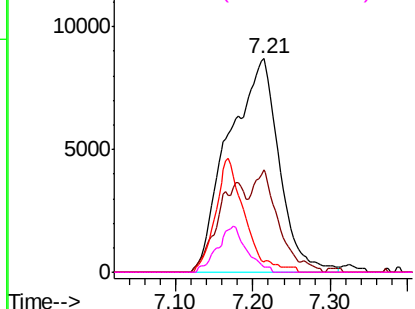
#41  
Methacrylonitrile  
Concen: 11.697 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.03 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 39717 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |

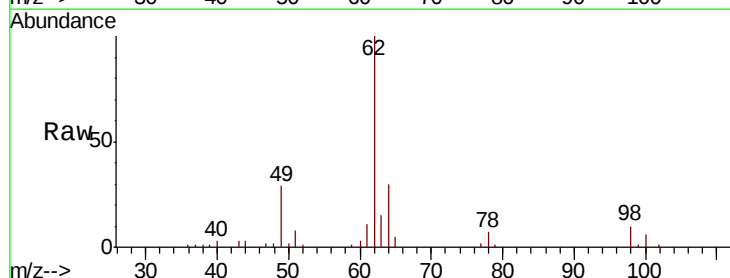


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

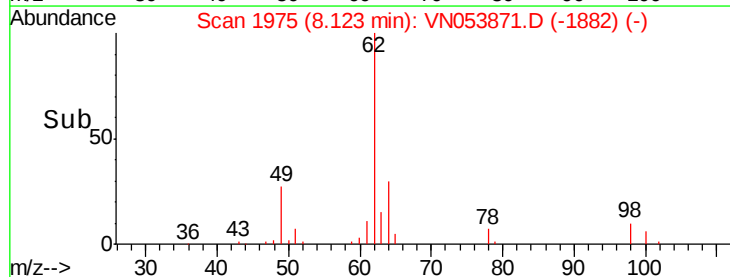
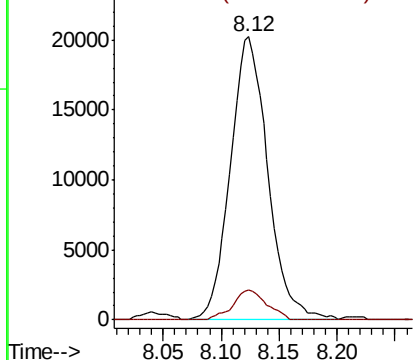


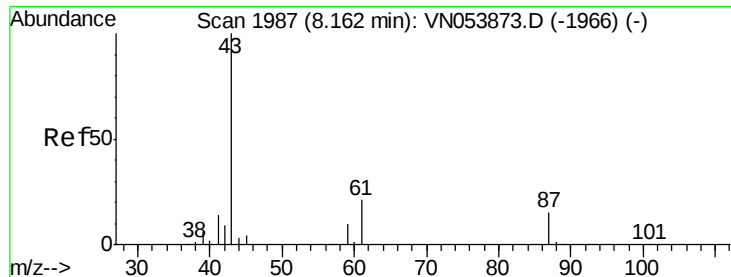
#42  
1,2-Dichloroethane  
Concen: 5.345 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 45395 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.4   | 0.0   | 20.8  |



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





#43

Isopropyl Acetate

Concen: 5.095 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

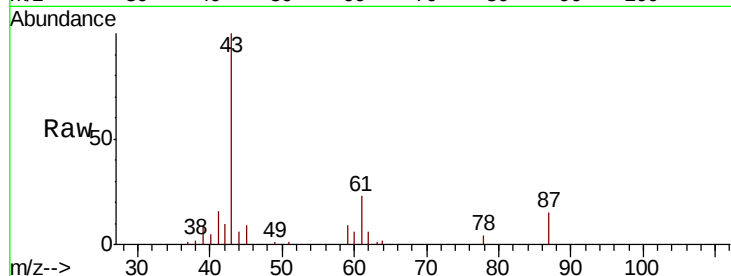
Tgt Ion: 43 Resp: 52372

Ion Ratio Lower Upper

43 100

61 18.9 17.4 26.0

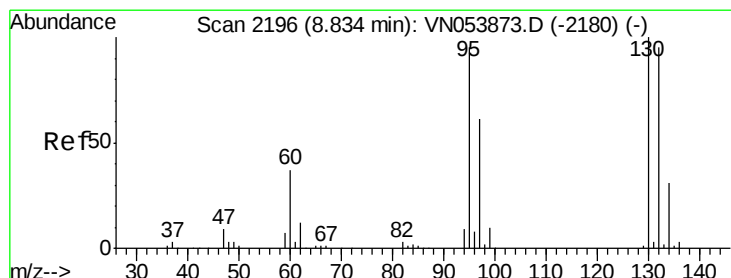
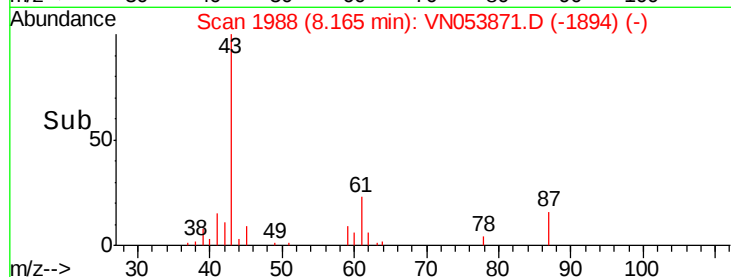
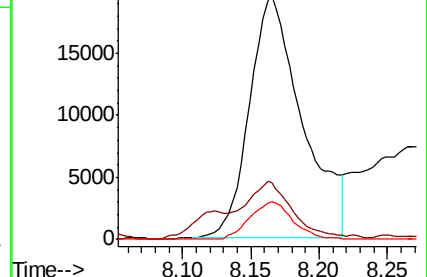
87 12.6 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053871.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053871.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053871.D (-1966) (-)



#44

Trichloroethene

Concen: 5.237 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053871.D

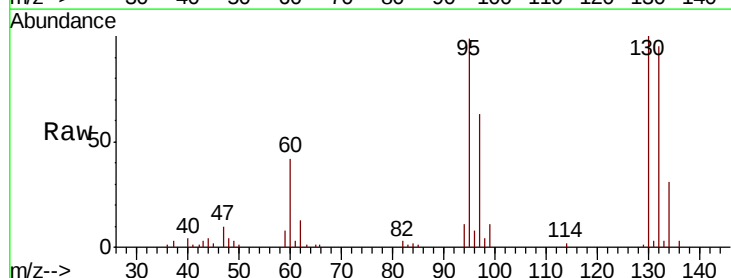
Acq: 20 Feb 2019 8:58

Tgt Ion: 130 Resp: 41770

Ion Ratio Lower Upper

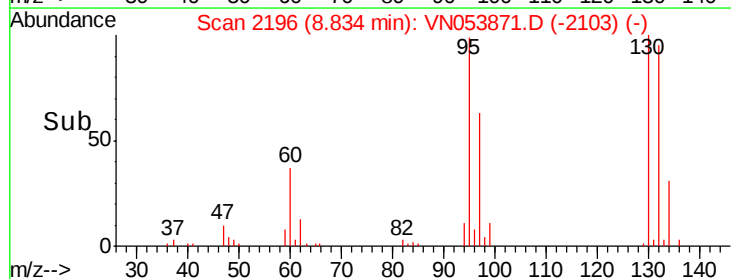
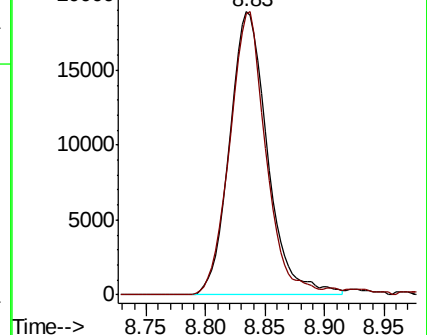
130 100

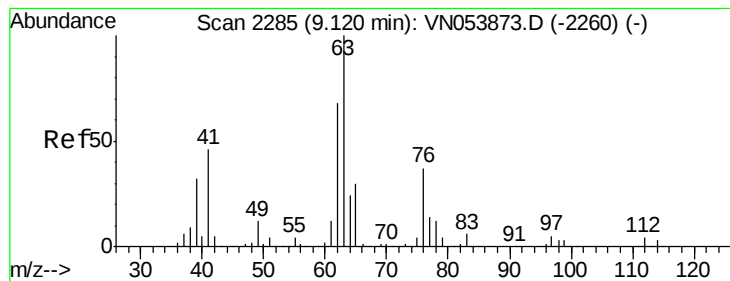
95 99.0 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): VN053871.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN053871.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 5.154 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

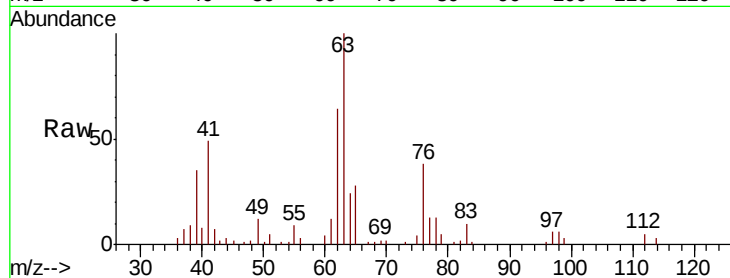
VSTDIC005

Tgt Ion: 63 Resp: 37485

Ion Ratio Lower Upper

63 100

65 27.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN053871.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN053871.D (-2192) (-)

9.12

15000

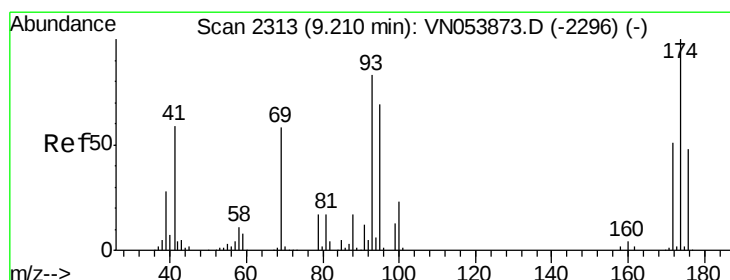
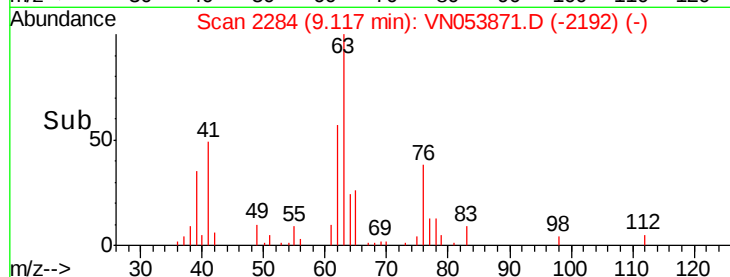
10000

5000

0

Time-->

9.05 9.10 9.15 9.20



#46

Dibromomethane

Concen: 5.163 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

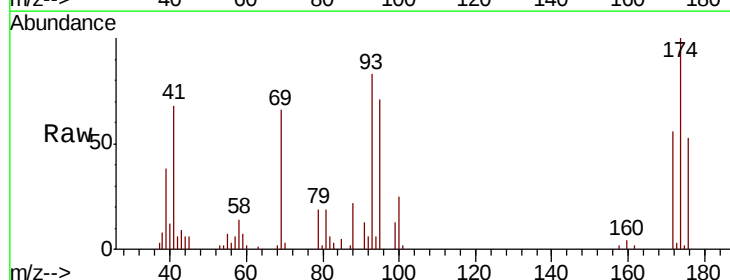
Tgt Ion: 93 Resp: 22613

Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 121.1 96.2 144.4



Abundance Ion 92.80 (92.50 to 93.50): VN053871.D (-2220) (-)

Ion 94.80 (94.50 to 95.50): VN053871.D (-2220) (-)

Ion 173.70 (173.40 to 174.40): VN053871.D (-2220) (-)

9.21

15000

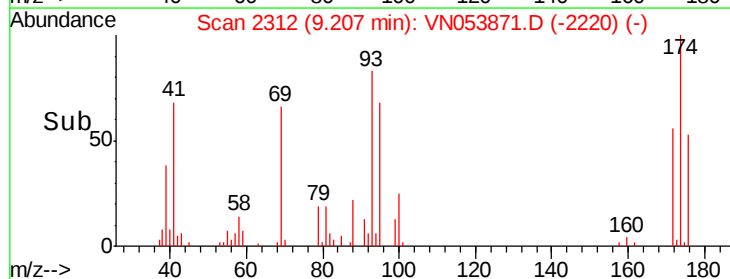
10000

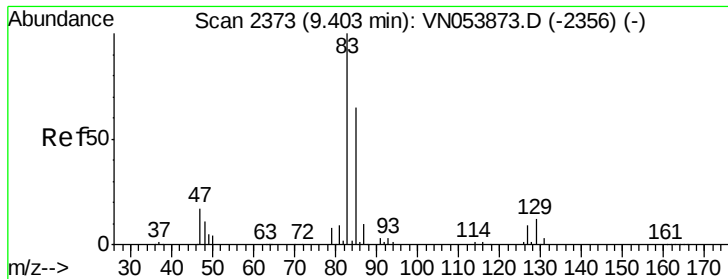
5000

0

Time-->

9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 4.987 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

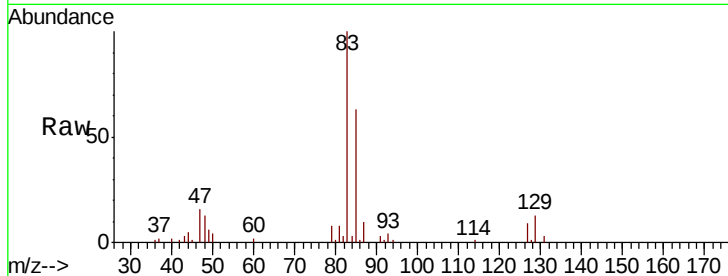
Tgt Ion: 83 Resp: 46076

Ion Ratio Lower Upper

83 100

85 62.7 51.8 77.6

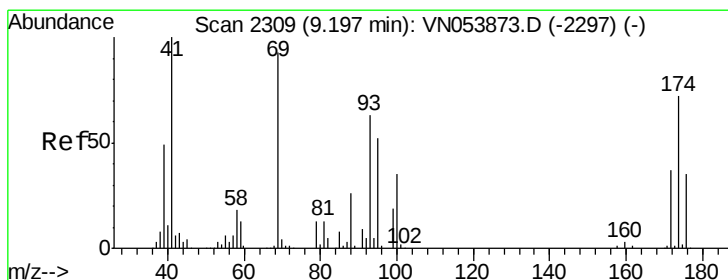
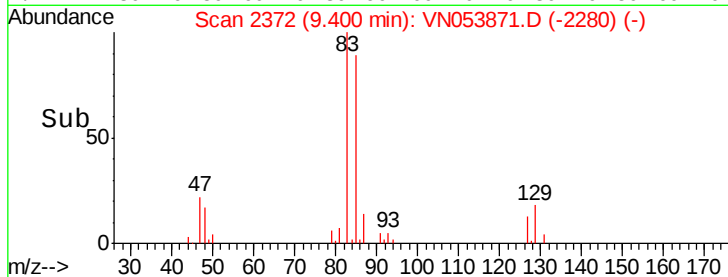
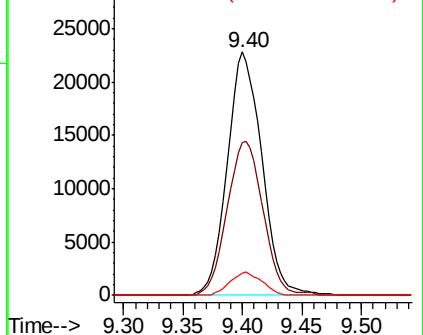
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN053871.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN053871.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN053871.D (-2356) (-)



#48

Methyl methacrylate

Concen: 4.131 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

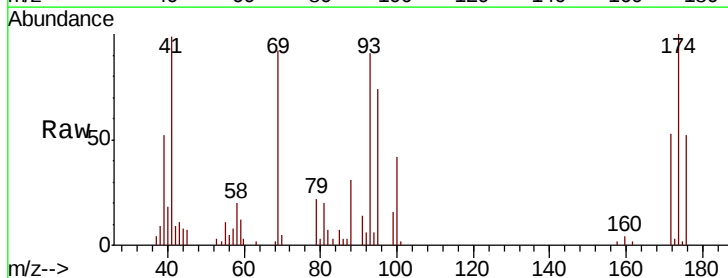
Tgt Ion: 41 Resp: 19527

Ion Ratio Lower Upper

41 100

69 99.6 74.8 112.2

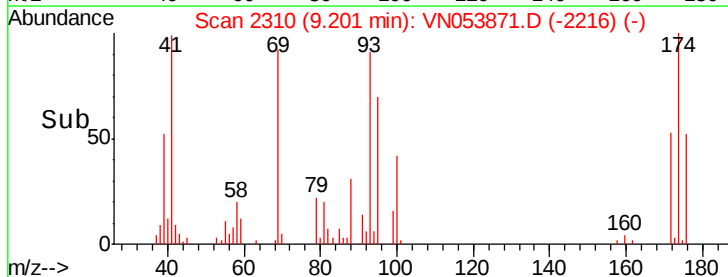
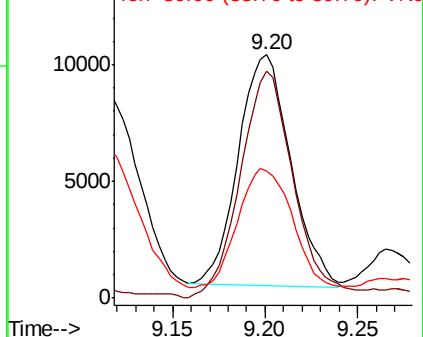
39 52.6 39.0 58.6

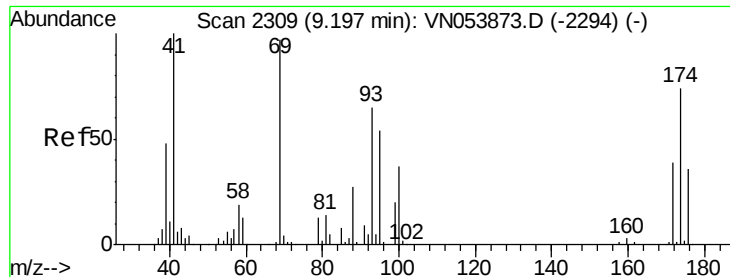


Abundance Ion 41.00 (40.70 to 41.70): VN053871.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN053871.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN053871.D (-2216) (-)





#49

1,4-Dioxane

Concen: 102.386 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

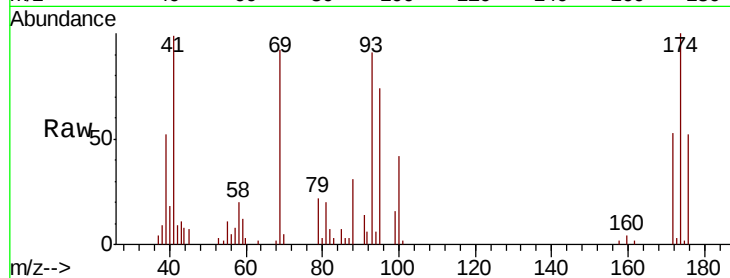
Tgt Ion: 88 Resp: 6674

Ion Ratio Lower Upper

88 100

43 18.6 21.2 31.8#

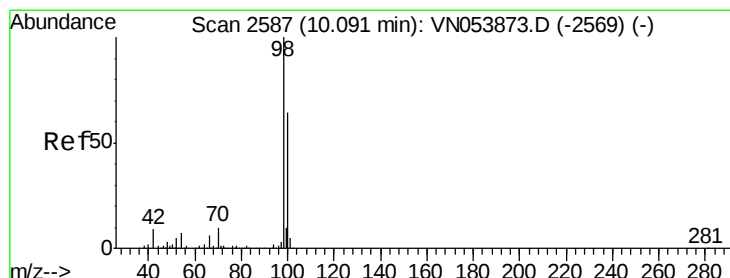
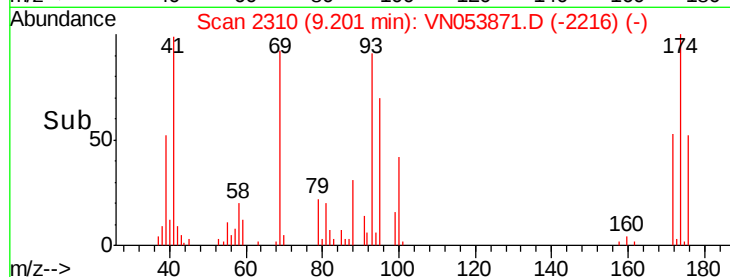
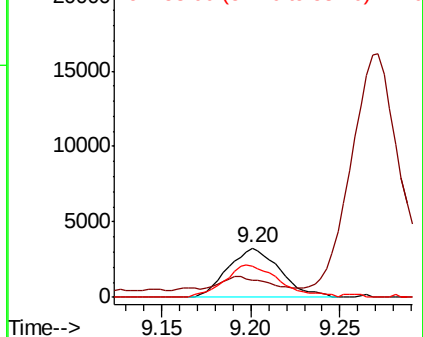
58 69.5 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VN053871.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN053871.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN053871.D (-2216) (-)



#50

Toluene-d8

Concen: 4.550 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053871.D

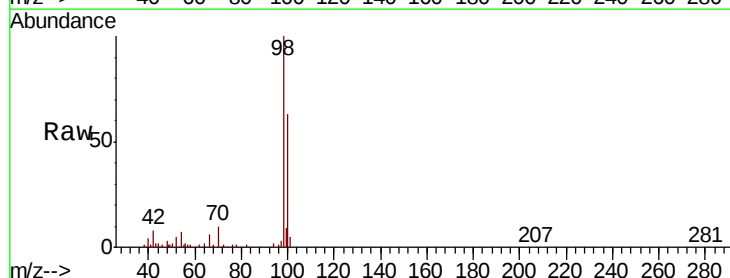
Acq: 20 Feb 2019 8:58

Tgt Ion: 98 Resp: 113385

Ion Ratio Lower Upper

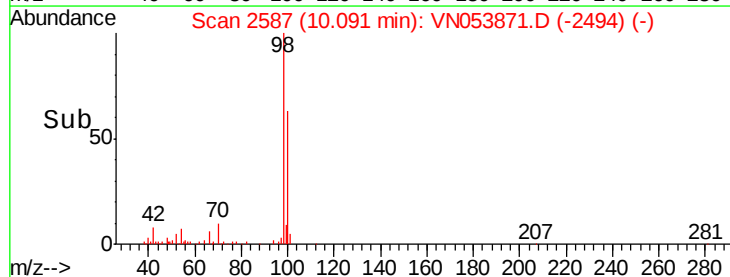
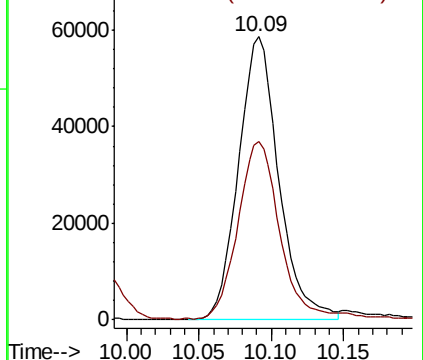
98 100

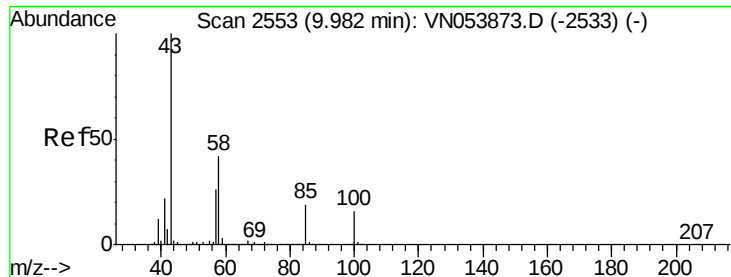
100 65.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053871.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053871.D (-2494) (-)

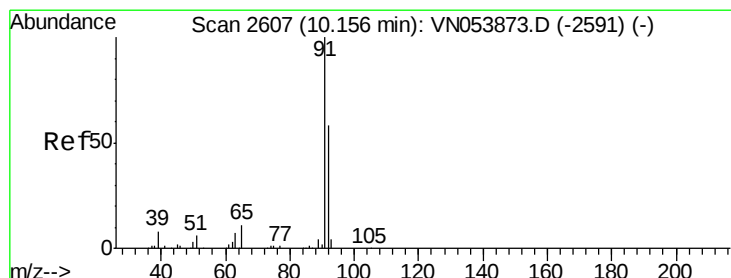
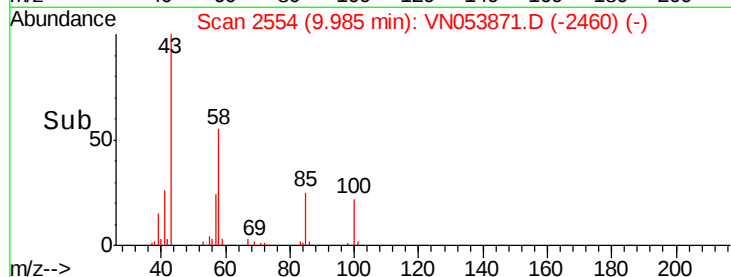
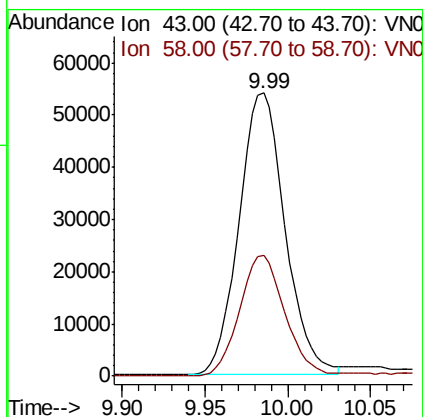
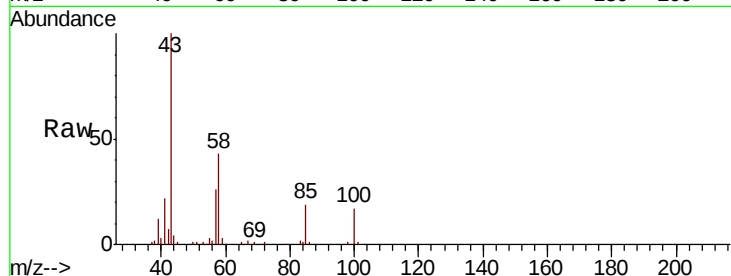




#51  
 4-Methyl-2-Pentanone  
 Concen: 21.827 ug/l  
 RT: 9.99 min Scan# 2554  
 Delta R.T. 0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

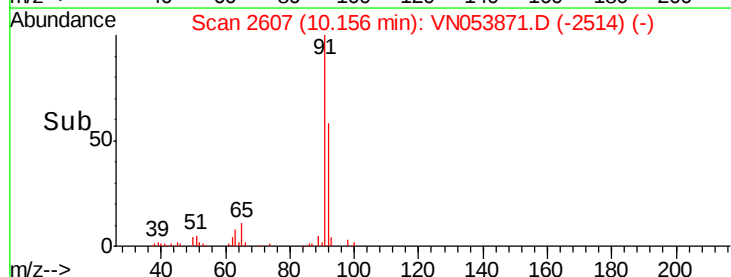
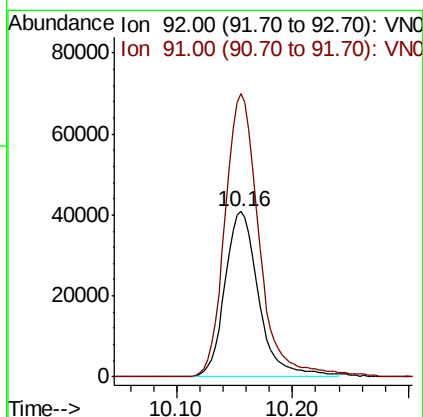
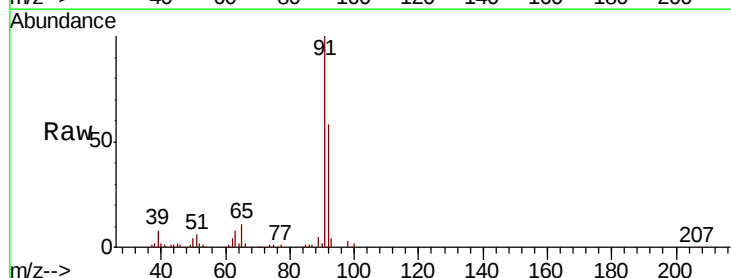
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

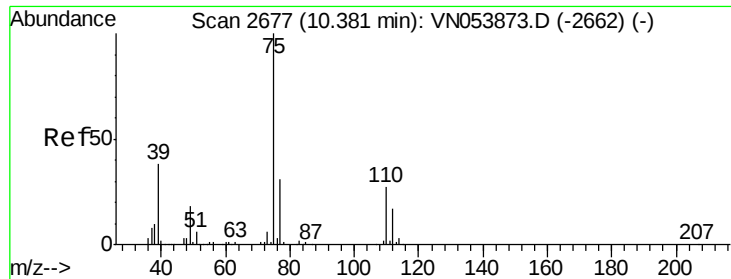
Tgt Ion: 43 Resp: 104300  
 Ion Ratio Lower Upper  
 43 100  
 58 42.2 32.7 49.1



#52  
 Toluene  
 Concen: 4.856 ug/l  
 RT: 10.16 min Scan# 2607  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

Tgt Ion: 92 Resp: 81979  
 Ion Ratio Lower Upper  
 92 100  
 91 173.5 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 4.496 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

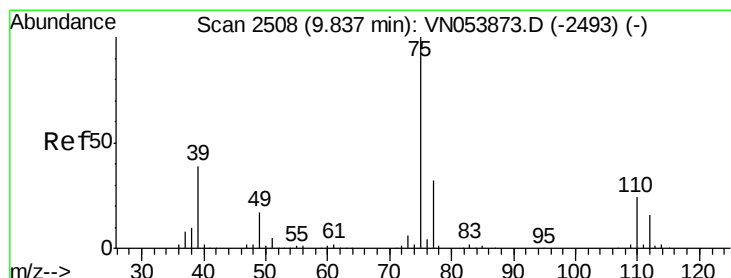
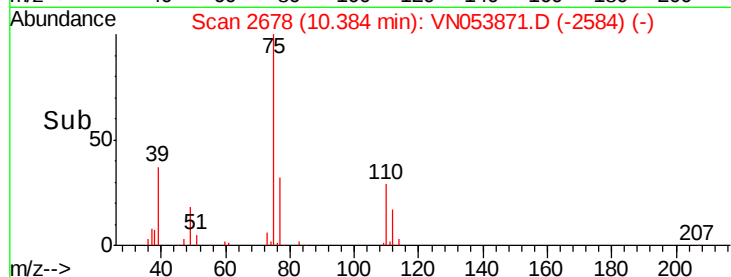
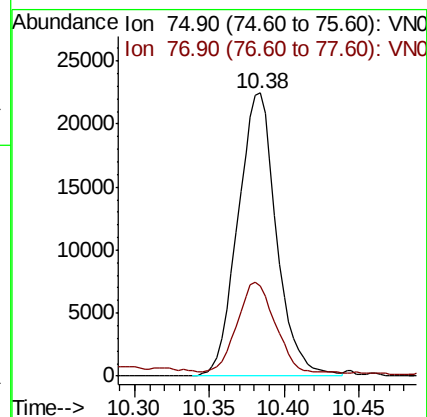
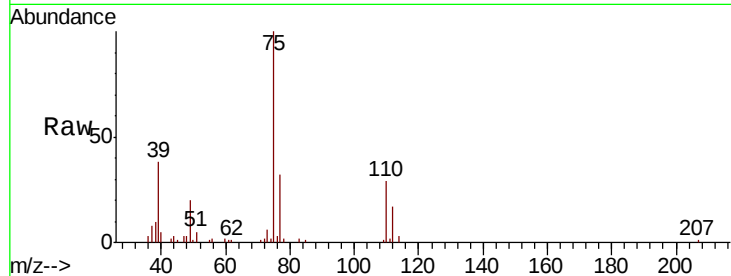
VSTDIC005

Tgt Ion: 75 Resp: 40339

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 4.646 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

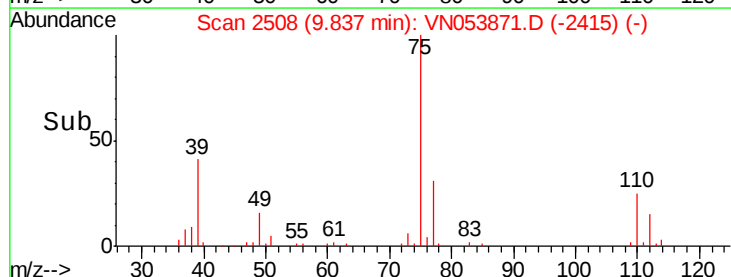
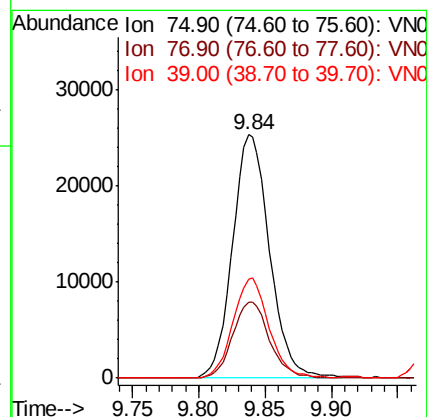
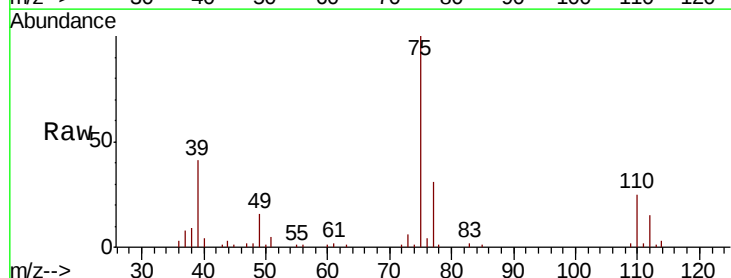
Tgt Ion: 75 Resp: 49128

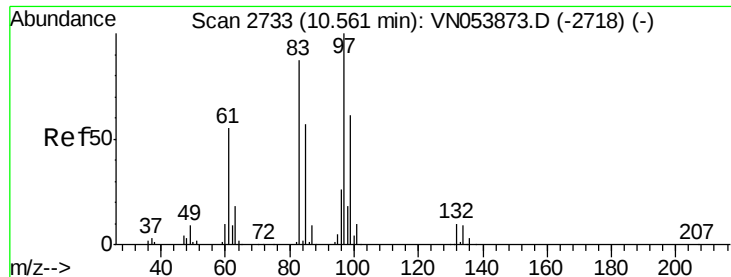
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 40.5 31.4 47.0

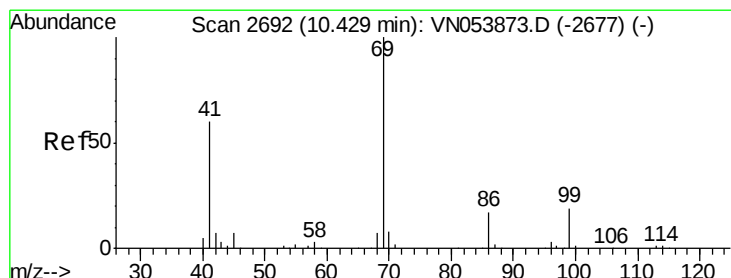
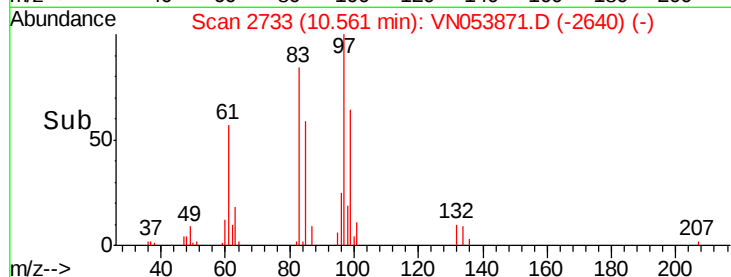
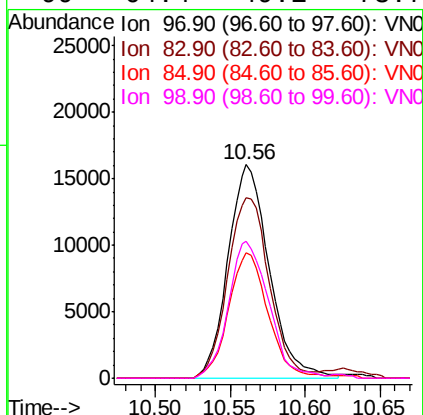
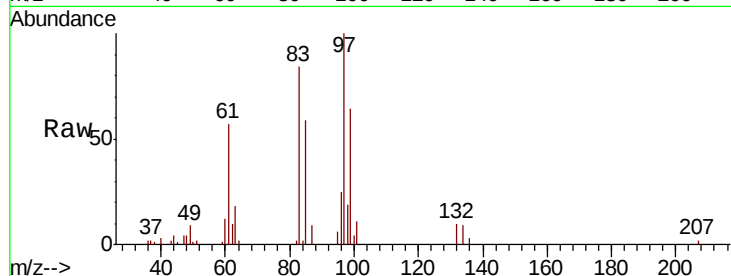




#55  
 1,1,2-Trichloroethane  
 Concen: 4.983 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

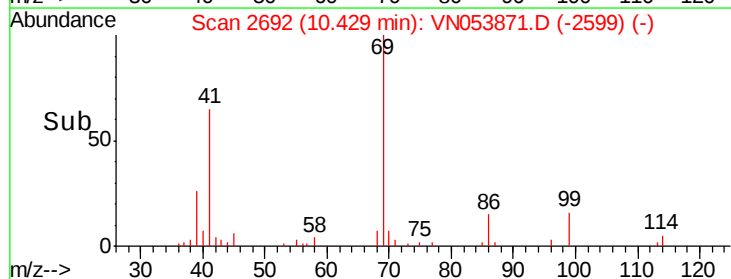
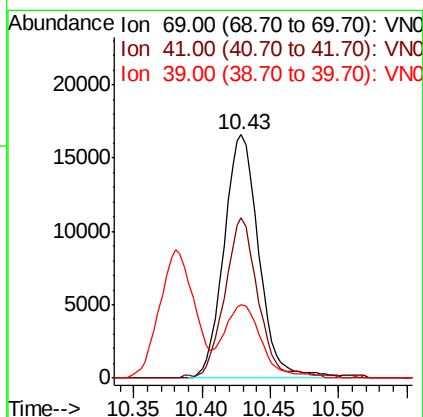
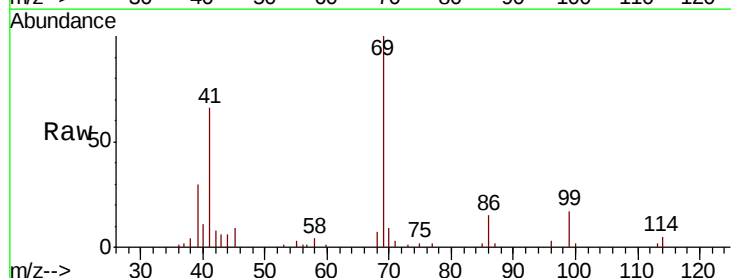
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

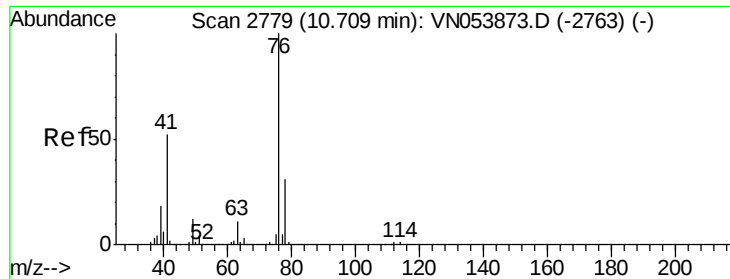
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 30757 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.2  | 69.5  | 104.3 |
| 85       | 58.7  | 45.9  | 68.9  |
| 99       | 64.4  | 49.1  | 73.7  |



#56  
 Ethyl methacrylate  
 Concen: 4.241 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 29470 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 63.4  | 47.5  | 71.3  |
| 39       | 32.9  | 23.4  | 35.0  |

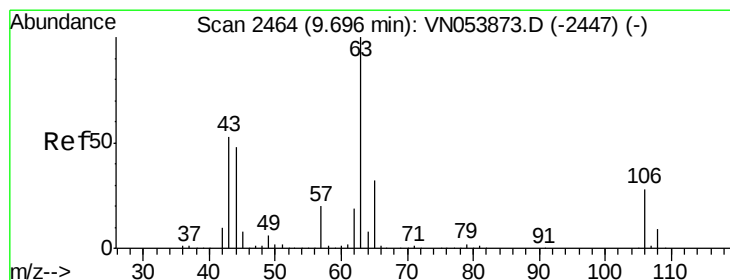
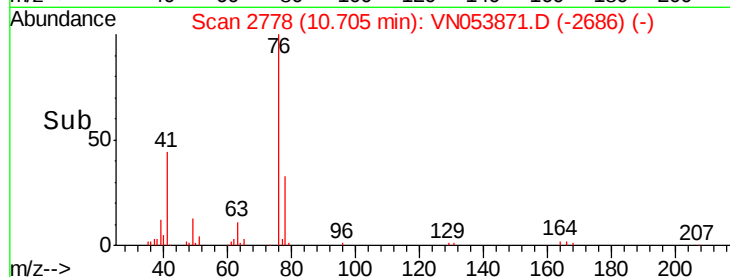
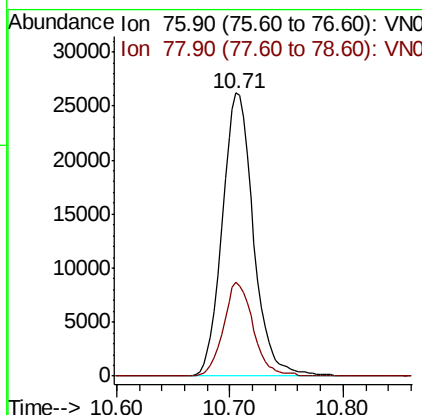
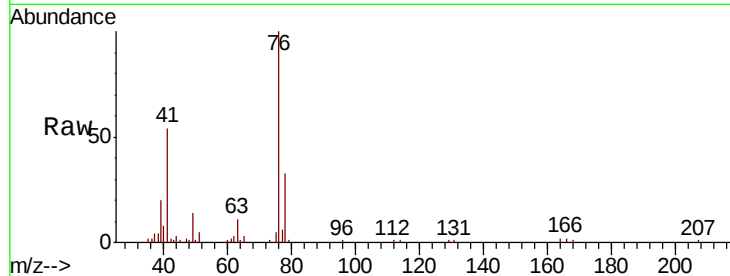




#57  
 1,3-Dichloropropane  
 Concen: 4.827 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

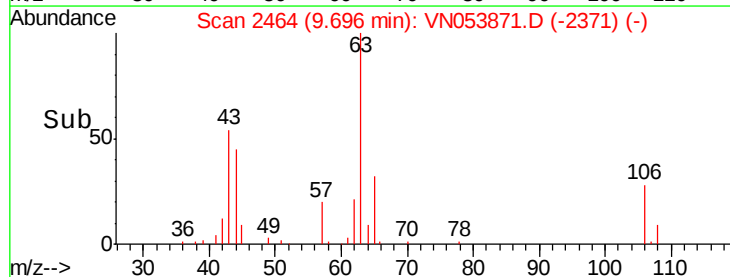
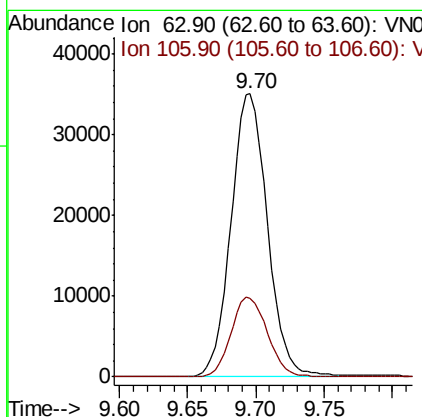
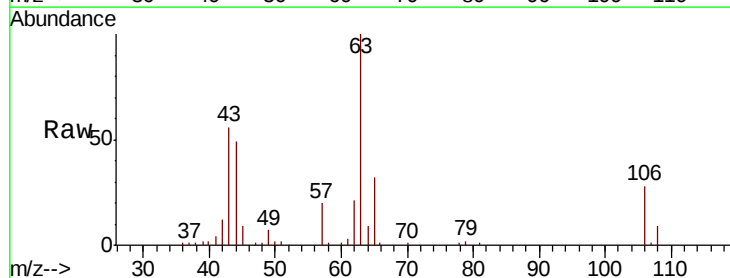
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

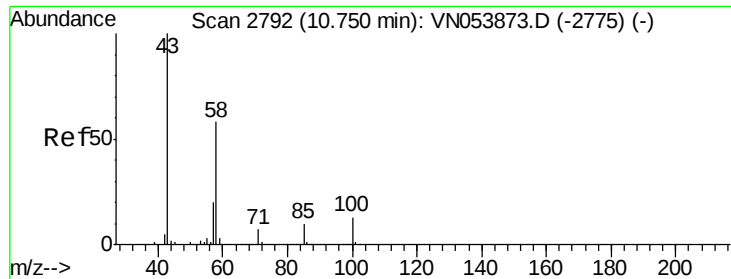
Tgt Ion: 76 Resp: 50161  
 Ion Ratio Lower Upper  
 76 100  
 78 31.7 25.2 37.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 21.368 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

Tgt Ion: 63 Resp: 65046  
 Ion Ratio Lower Upper  
 63 100  
 106 28.0 22.2 33.2

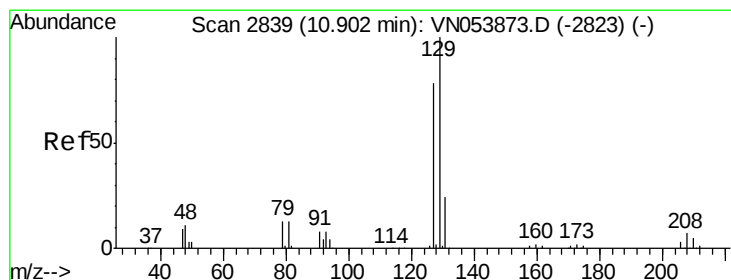
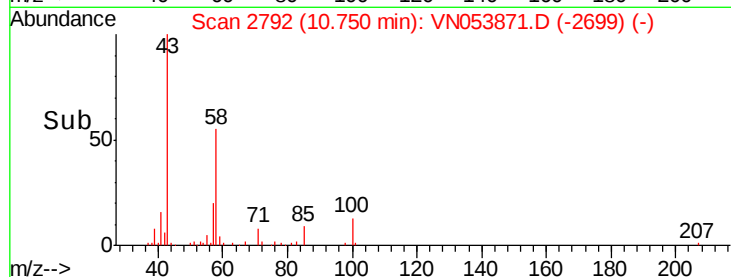
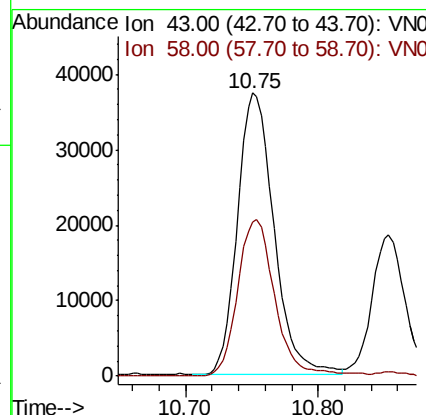
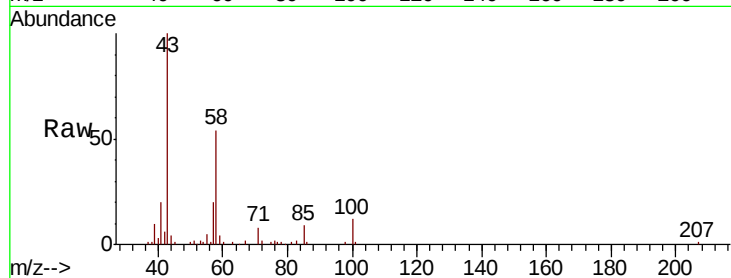




#59  
2-Hexanone  
Concen: 22.274 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

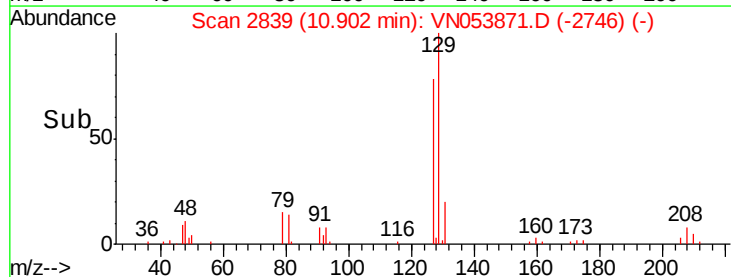
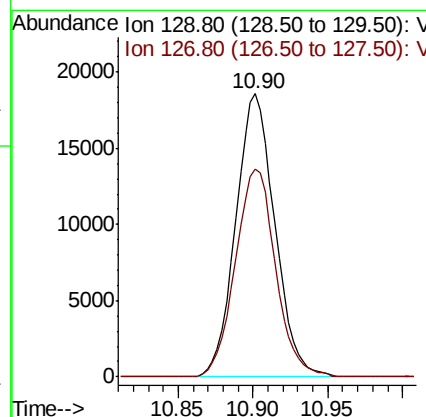
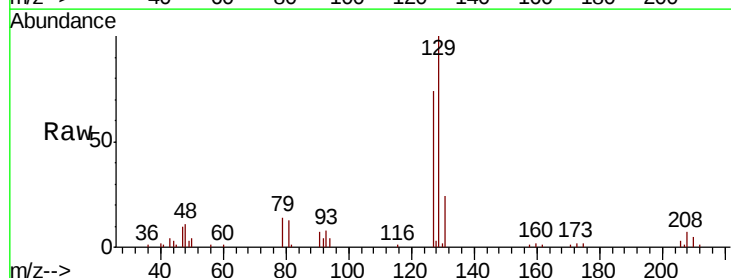
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

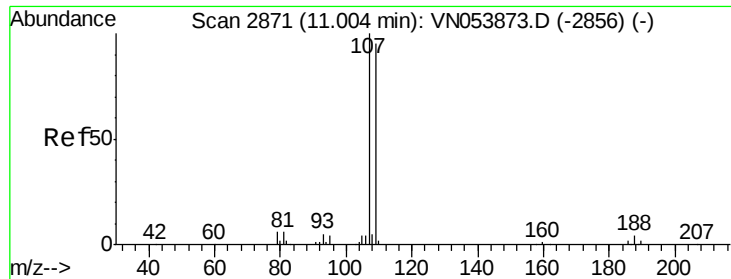
Tgt Ion: 43 Resp: 71837  
Ion Ratio Lower Upper  
43 100  
58 56.4 29.1 87.4



#60  
Dibromochloromethane  
Concen: 4.687 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Tgt Ion: 129 Resp: 33764  
Ion Ratio Lower Upper  
129 100  
127 75.8 38.8 116.3

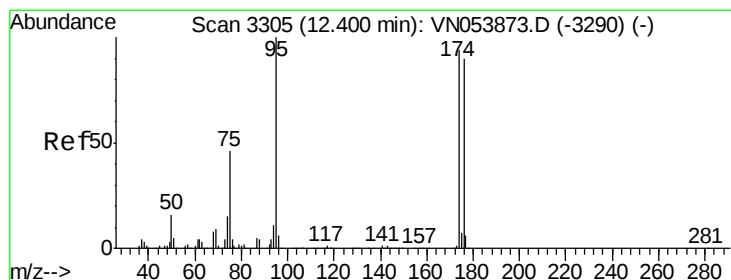
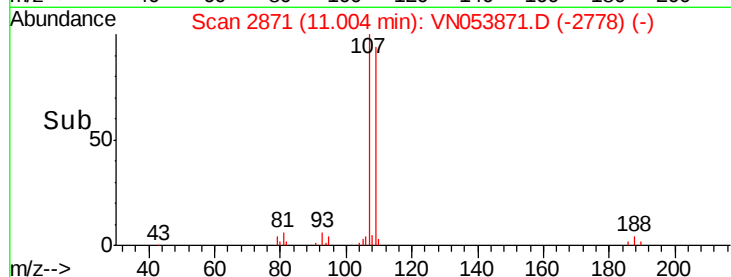
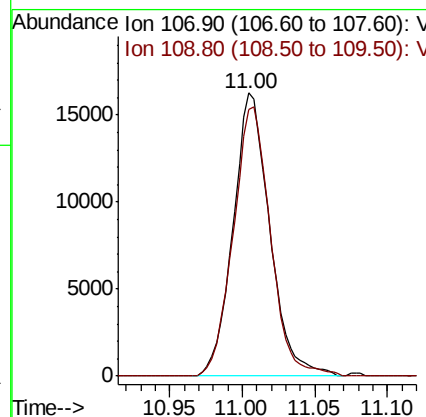
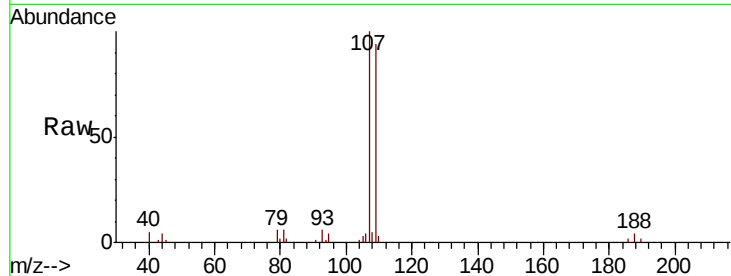




#61  
 1,2-Dibromoethane  
 Concen: 4.668 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

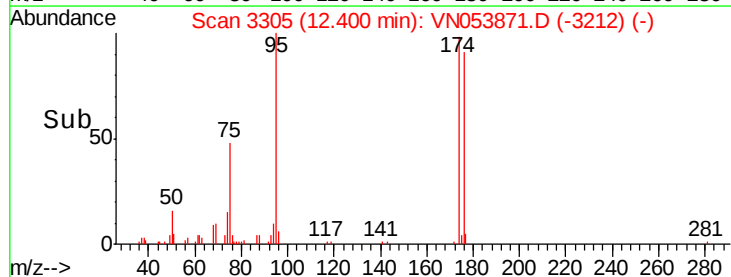
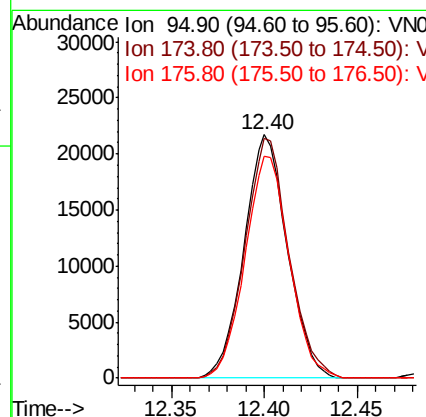
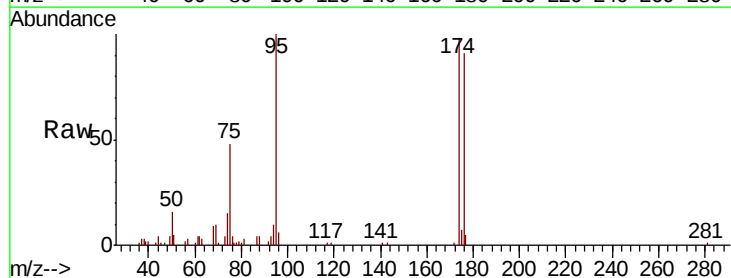
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

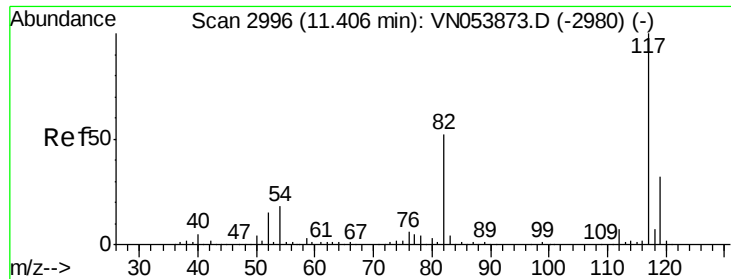
Tgt Ion: 107 Resp: 28621  
 Ion Ratio Lower Upper  
 107 100  
 109 96.4 76.3 114.5



#62  
 4-Bromofluorobenzene  
 Concen: 4.281 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

Tgt Ion: 95 Resp: 35221  
 Ion Ratio Lower Upper  
 95 100  
 174 100.1 0.0 188.8  
 176 92.8 0.0 182.6

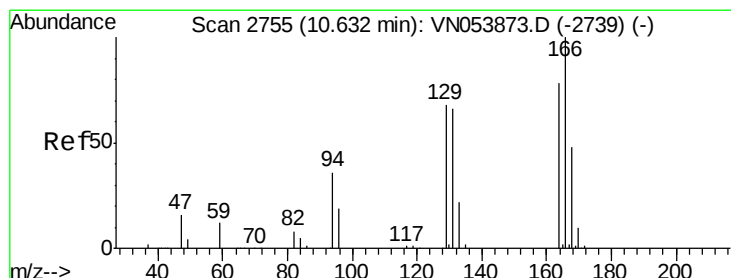
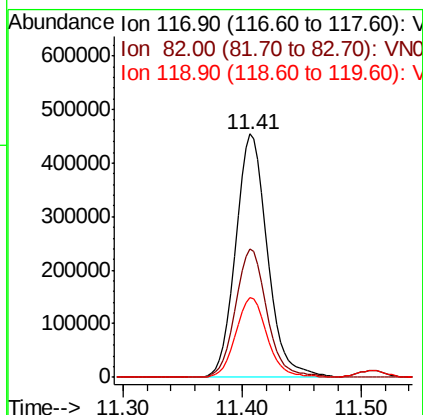
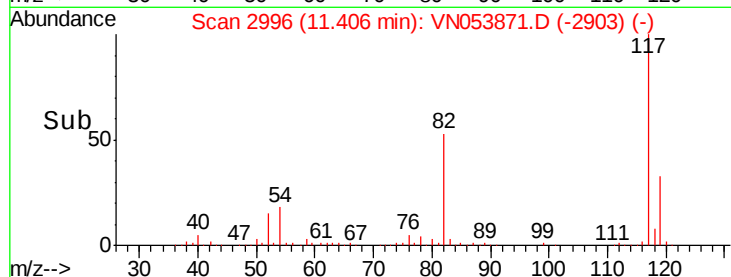
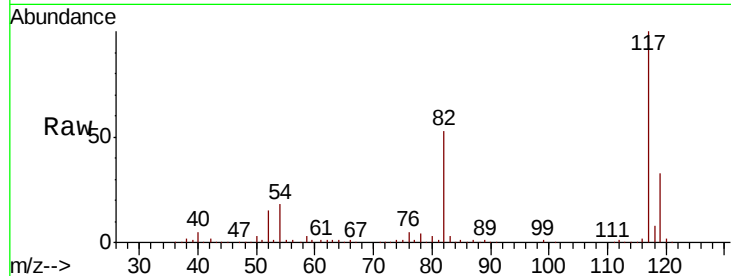




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

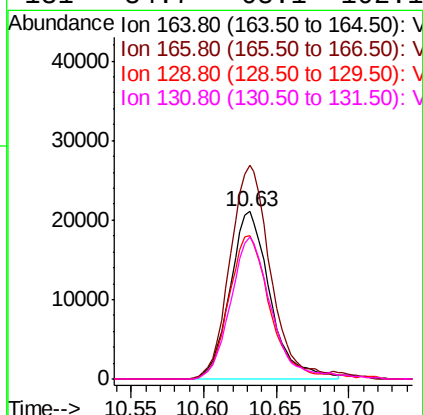
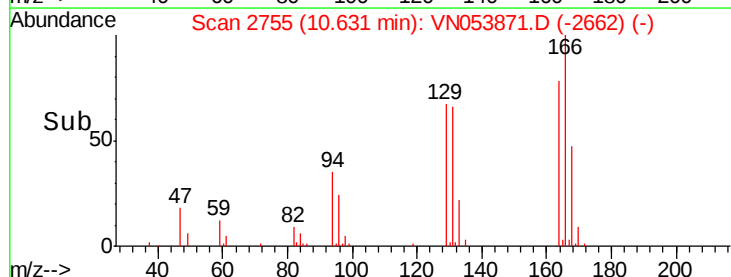
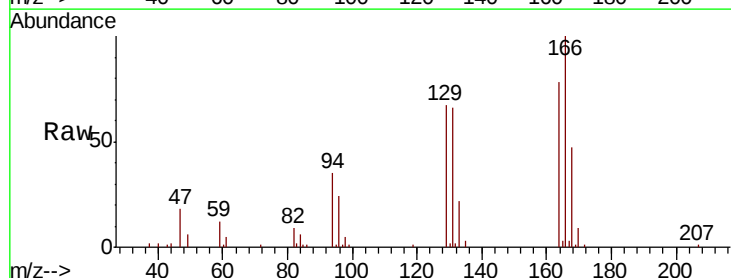
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

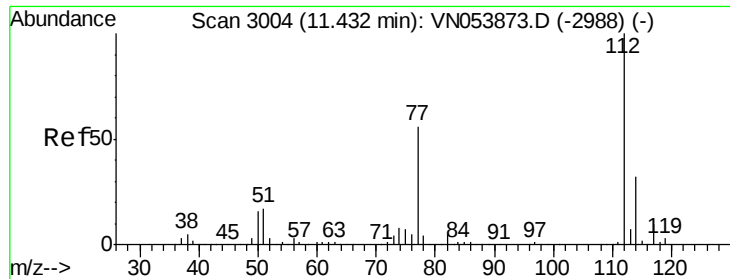
Tgt Ion:117 Resp: 840050  
Ion Ratio Lower Upper  
117 100  
82 52.6 41.4 62.2  
119 32.6 25.3 37.9



#64  
Tetrachloroethene  
Concen: 5.385 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Tgt Ion:164 Resp: 40453  
Ion Ratio Lower Upper  
164 100  
166 127.6 102.6 153.8  
129 85.8 69.4 104.0  
131 84.7 68.1 102.1

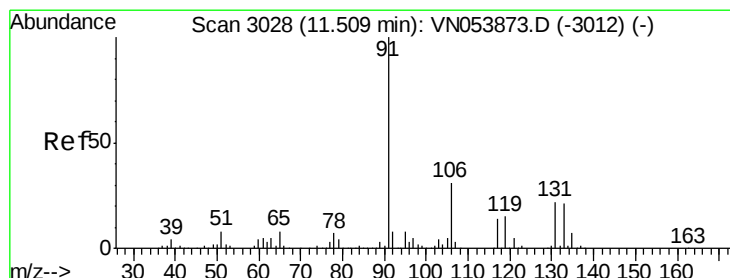
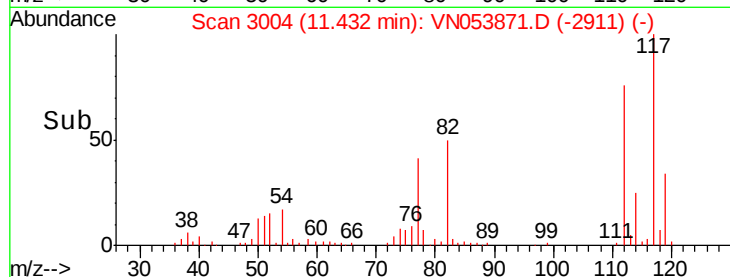
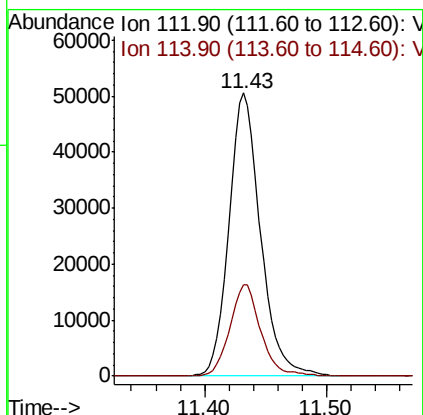
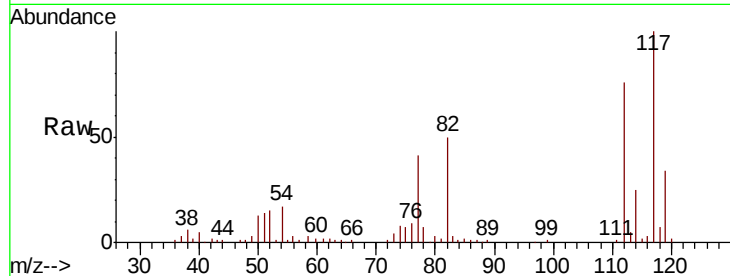




#65  
Chlorobenzene  
Concen: 5.174 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

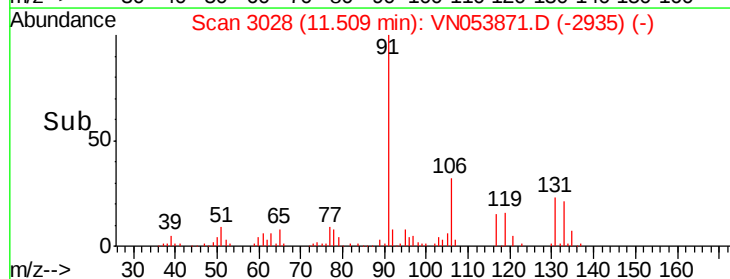
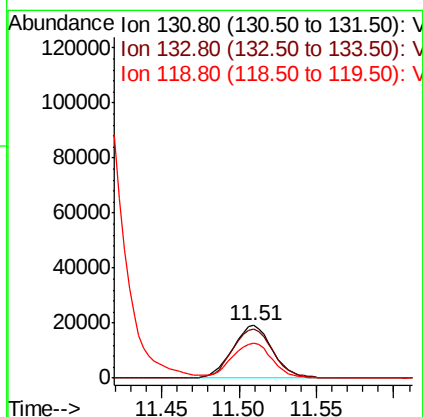
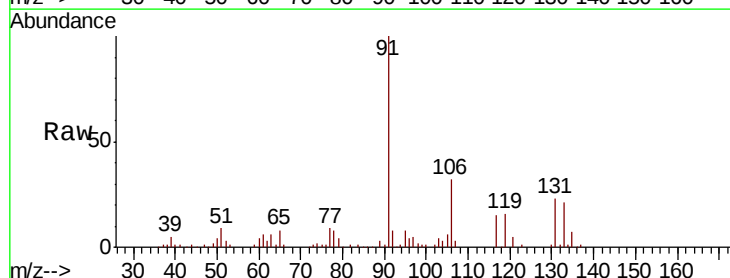
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

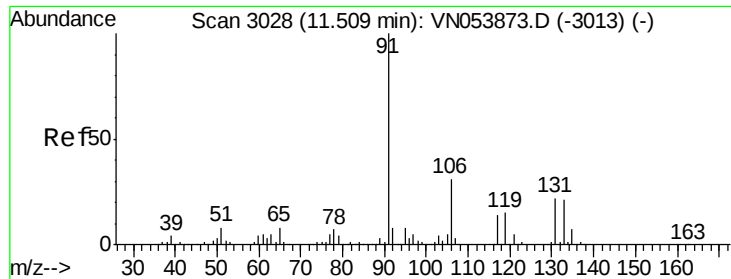
Tgt Ion:112 Resp: 90969  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.366 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Tgt Ion:131 Resp: 34428  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.7 143.1  
119 67.4 33.1 99.3

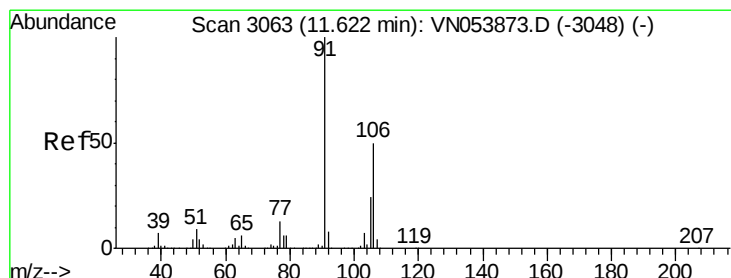
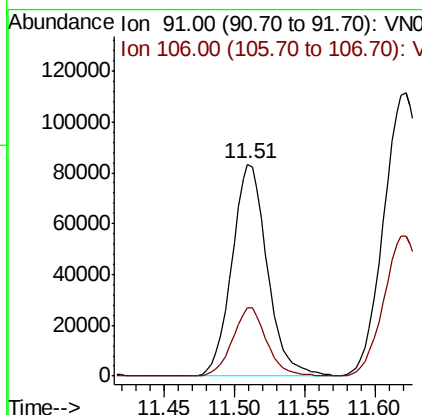
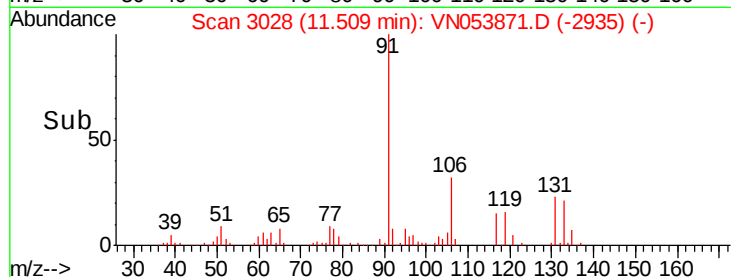
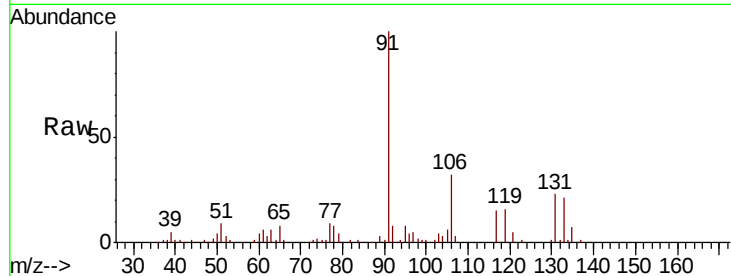




#67  
Ethyl Benzene  
Concen: 5.138 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

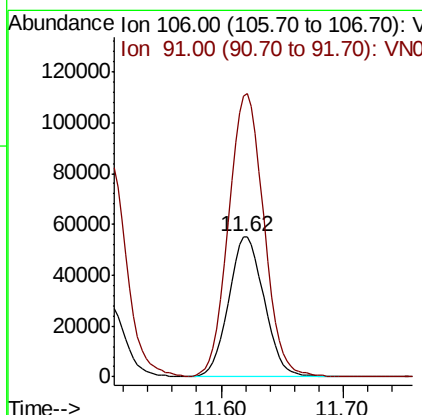
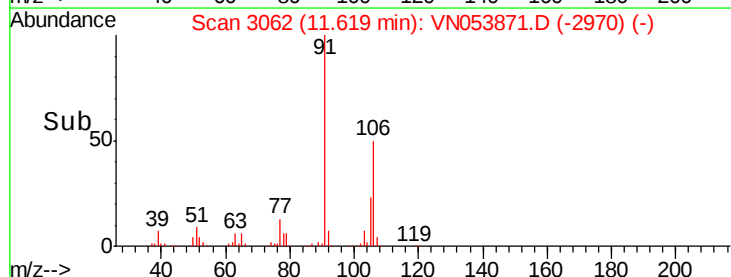
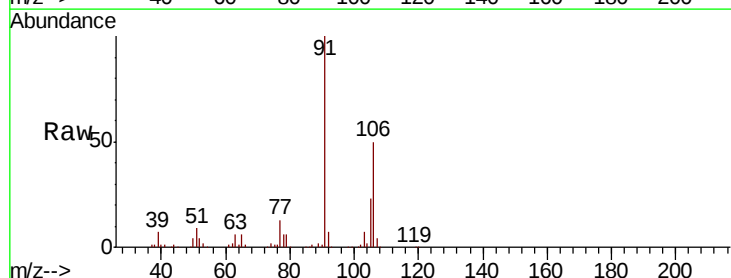
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

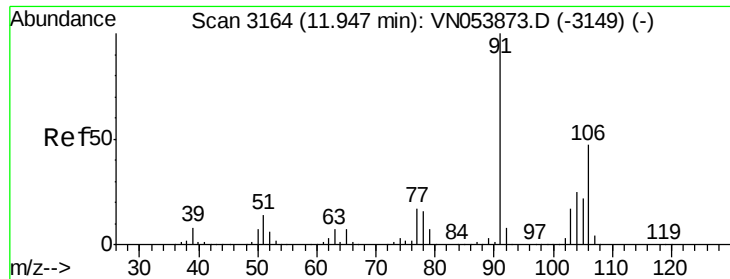
Tgt Ion: 91 Resp: 146202  
Ion Ratio Lower Upper  
91 100  
106 32.3 25.2 37.8



#68  
m/p-Xylenes  
Concen: 10.134 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Tgt Ion: 106 Resp: 111662  
Ion Ratio Lower Upper  
106 100  
91 200.5 158.9 238.3

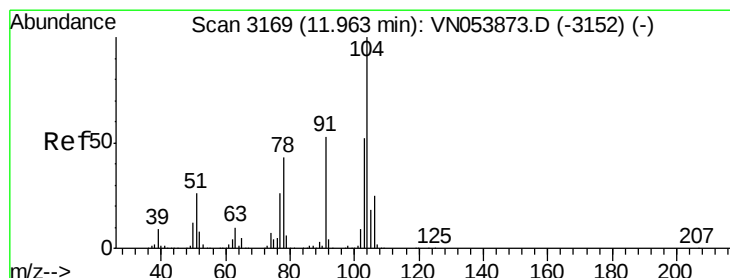
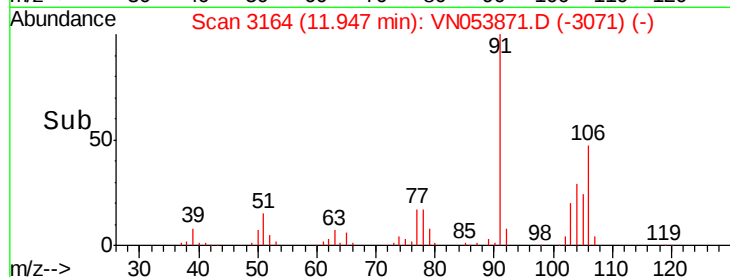
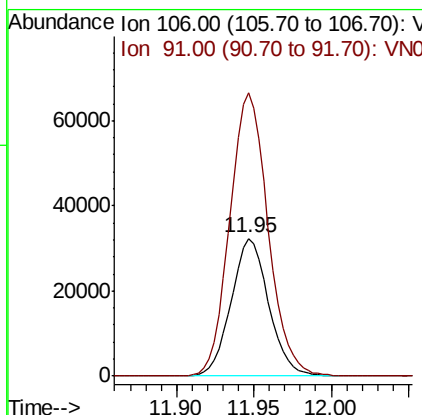
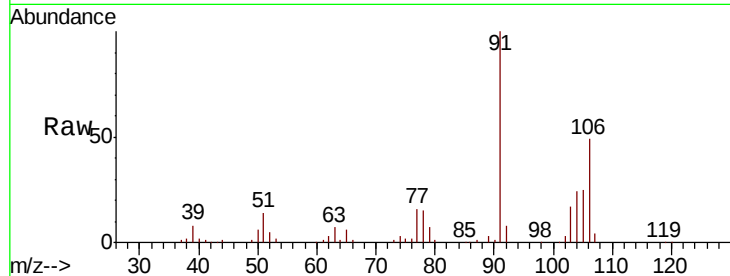




#69  
o-Xylene  
Concen: 5.118 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

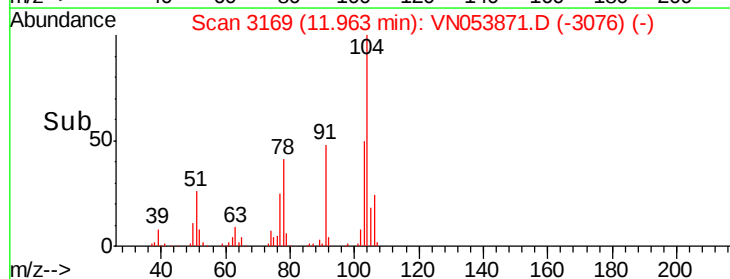
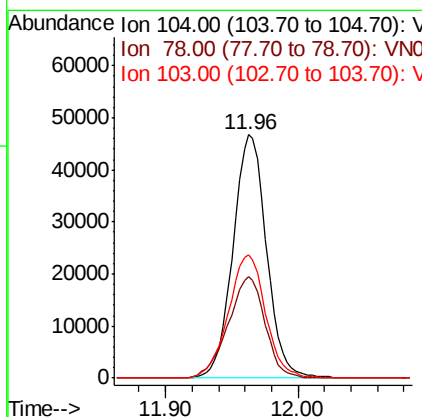
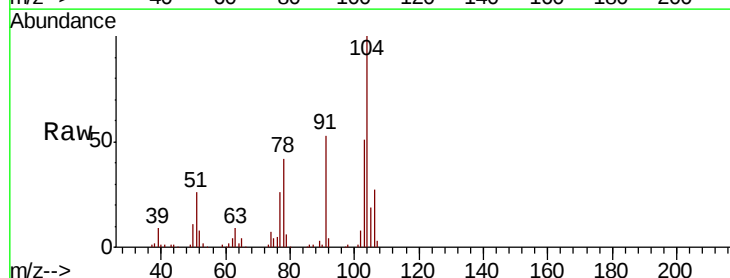
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

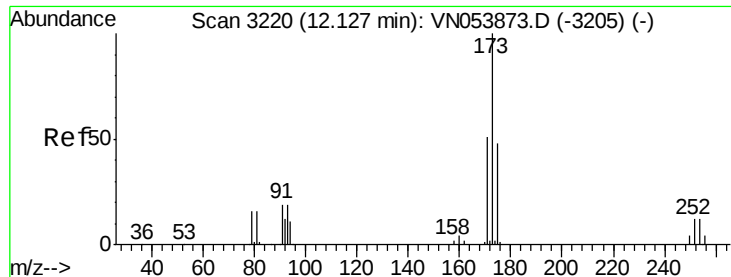
Tgt Ion:106 Resp: 54286  
Ion Ratio Lower Upper  
106 100  
91 209.9 106.0 318.0



#70  
Styrene  
Concen: 4.926 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Tgt Ion:104 Resp: 81989  
Ion Ratio Lower Upper  
104 100  
78 45.7 38.1 57.1  
103 56.3 44.6 67.0

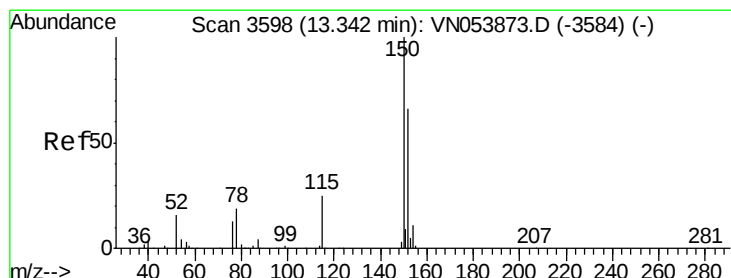
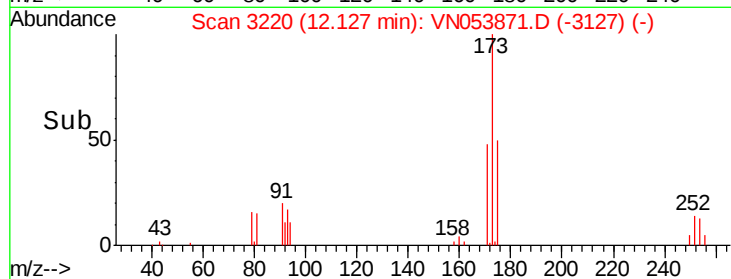
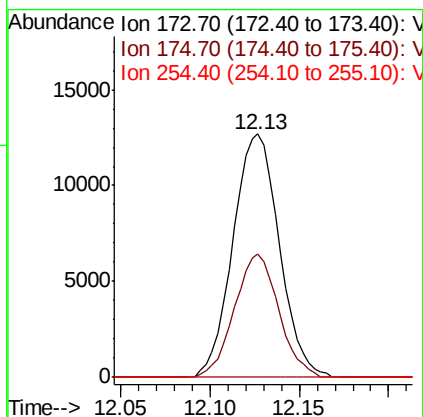
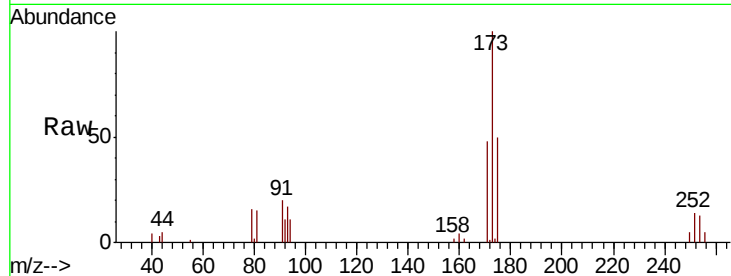




#71  
Bromoform  
Concen: 5.032 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

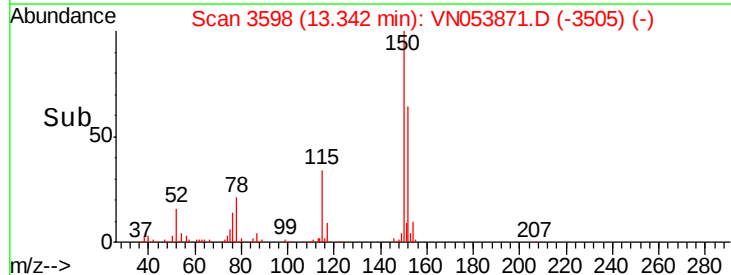
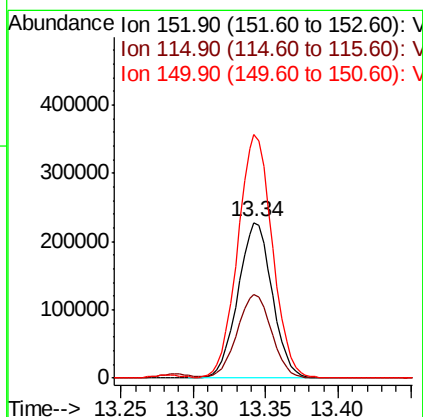
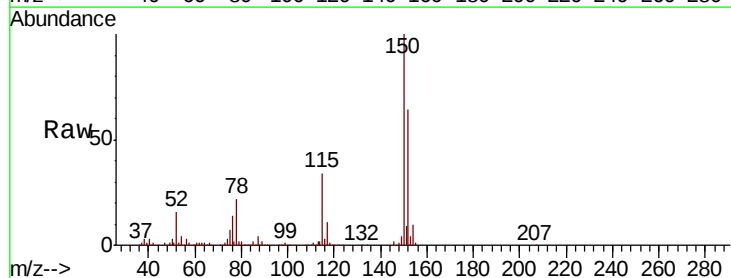
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

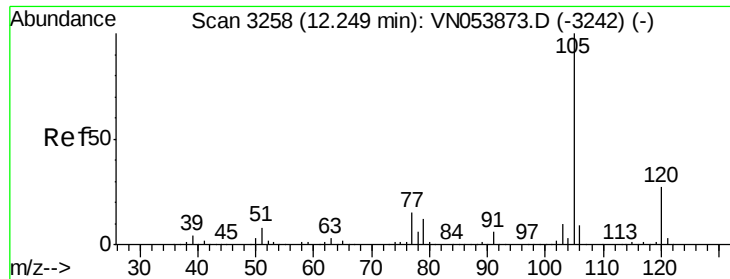
Tgt Ion:173 Resp: 22911  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.3 72.8  
254 0.0 0.2 0.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Tgt Ion:152 Resp: 373079  
Ion Ratio Lower Upper  
152 100  
115 54.5 27.2 81.6  
150 158.5 0.0 348.2





#73

Isopropylbenzene

Concen: 5.500 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

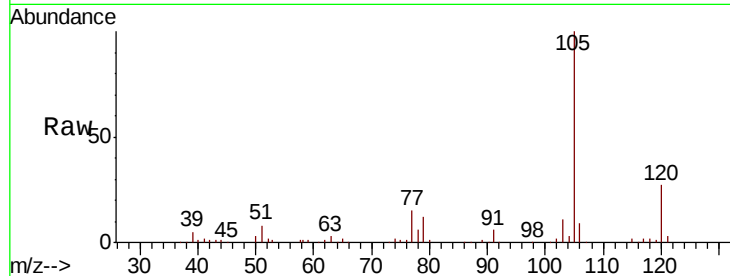
VSTDIC005

Tgt Ion: 105 Resp: 144552

Ion Ratio Lower Upper

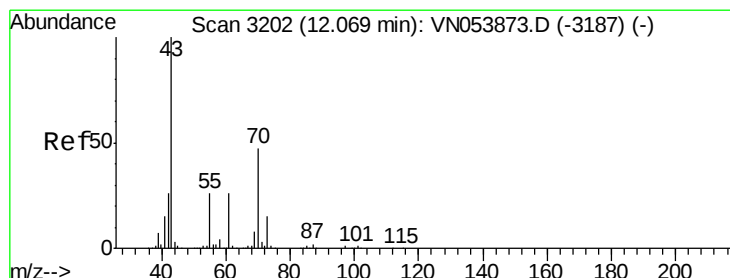
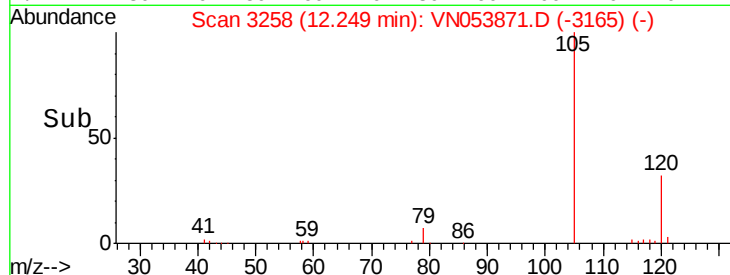
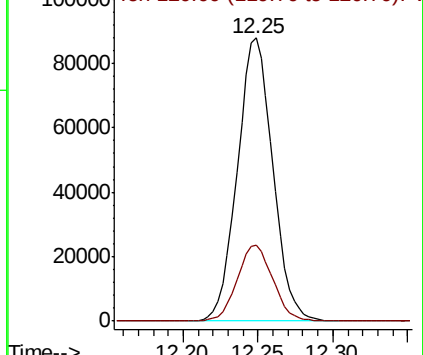
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.777 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Tgt Ion: 43 Resp: 28835

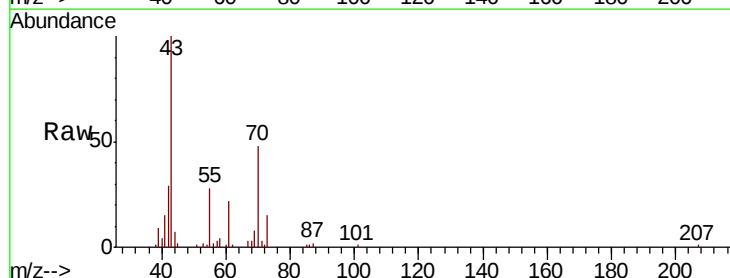
Ion Ratio Lower Upper

43 100

70 47.6 37.4 56.2

55 28.4 21.4 32.0

61 23.0 20.9 31.3

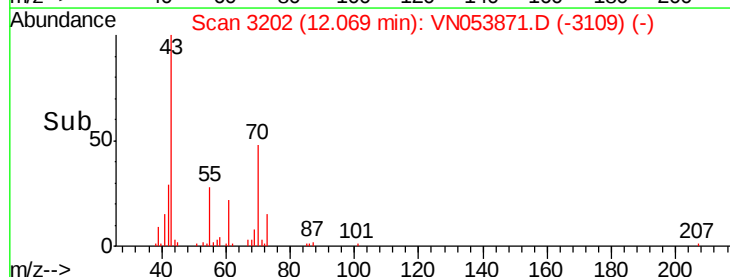
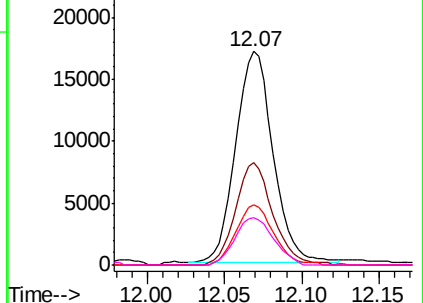


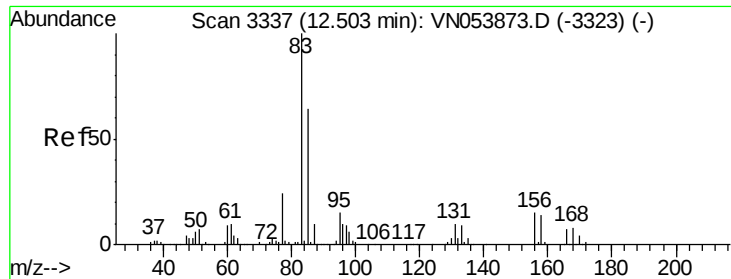
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.414 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

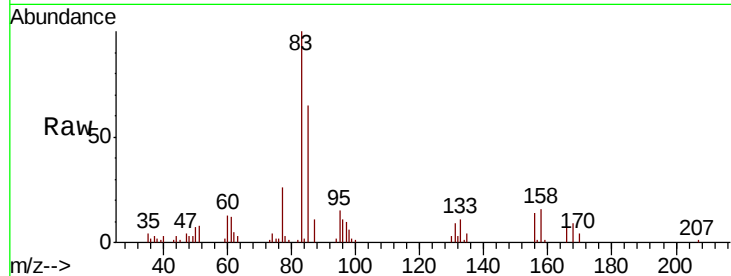
Tgt Ion: 83 Resp: 33644

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

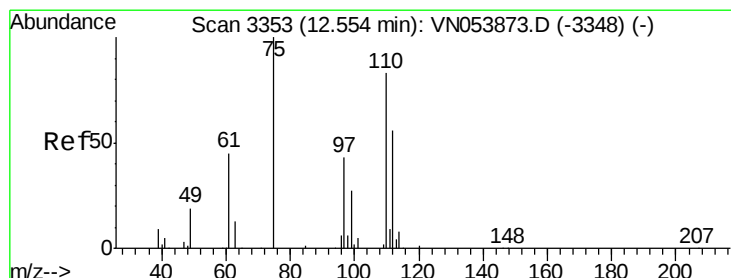
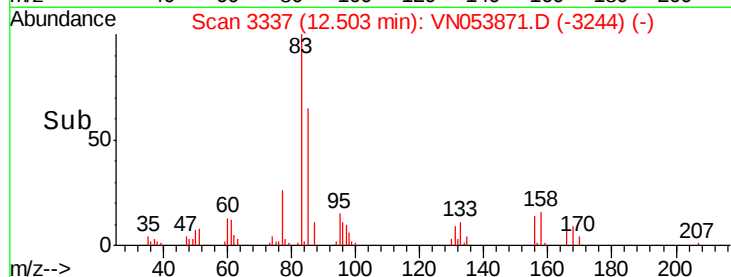
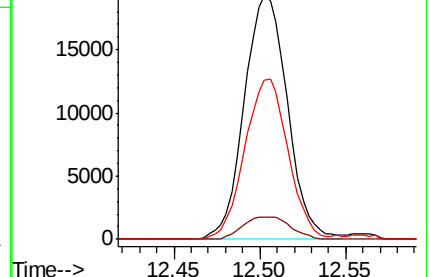
85 65.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN053871.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN053871.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN053871.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 8.194 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053871.D

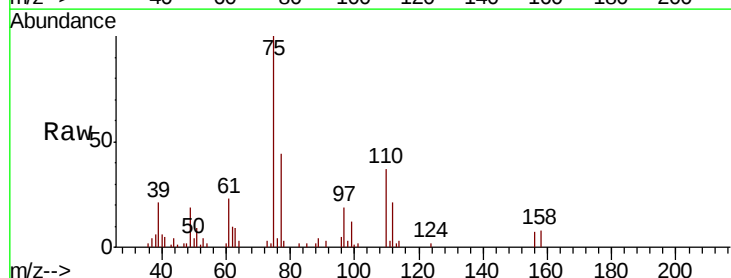
Acq: 20 Feb 2019 8:58

Tgt Ion: 75 Resp: 39934

Ion Ratio Lower Upper

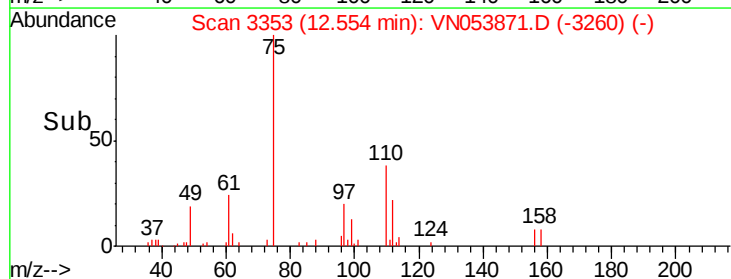
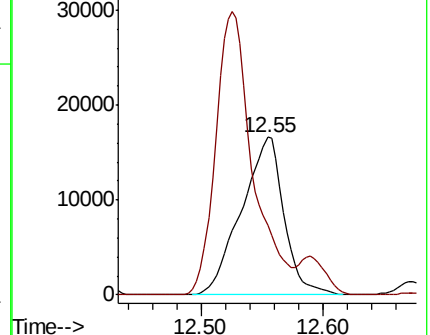
75 100

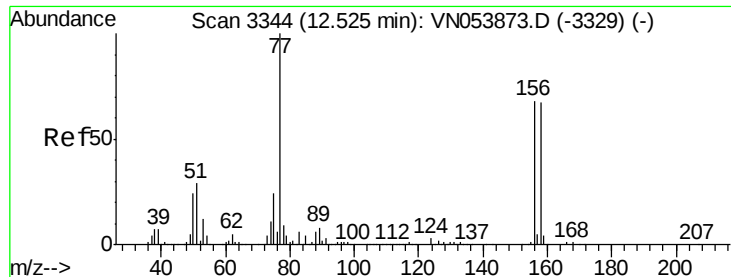
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053871.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN053871.D (-3353) (-)





#77

Bromobenzene

Concen: 5.316 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

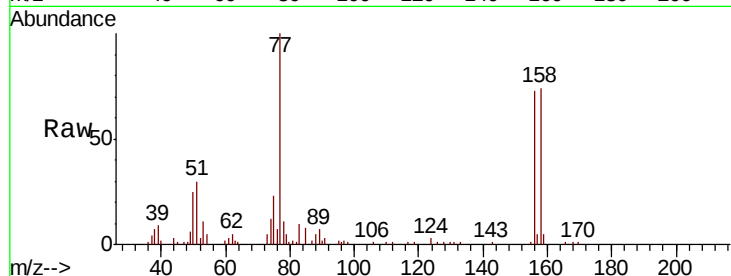
Tgt Ion:156 Resp: 37483

Ion Ratio Lower Upper

156 100

77 169.7 84.0 252.2

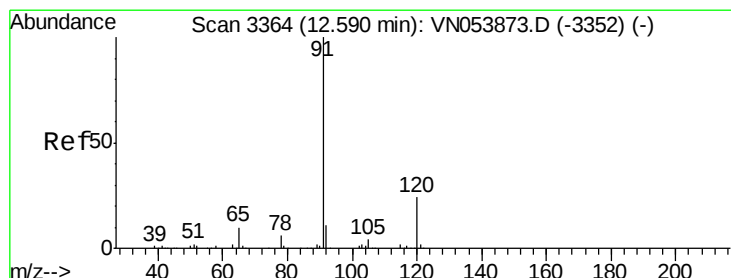
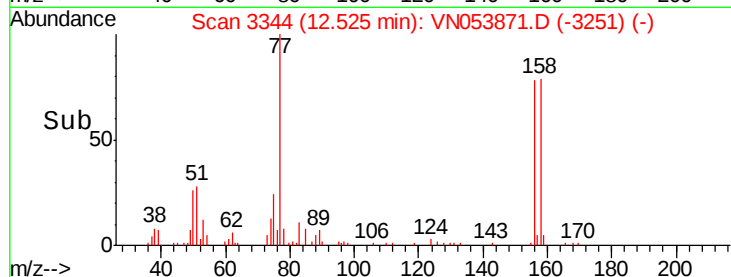
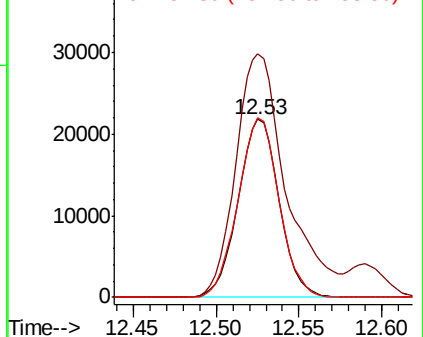
158 100.6 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.240 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053871.D

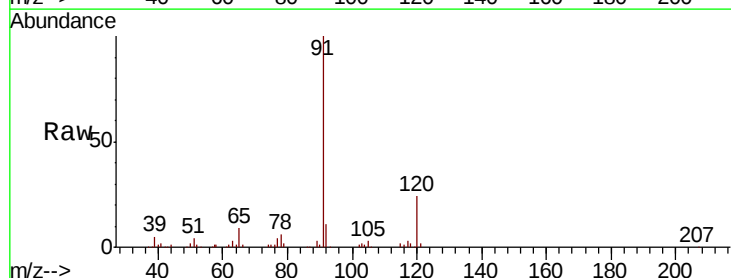
Acq: 20 Feb 2019 8:58

Tgt Ion: 91 Resp: 154008

Ion Ratio Lower Upper

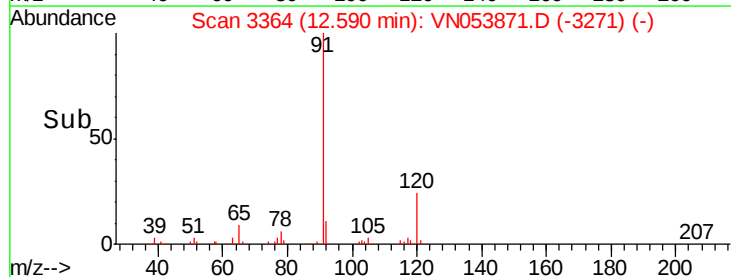
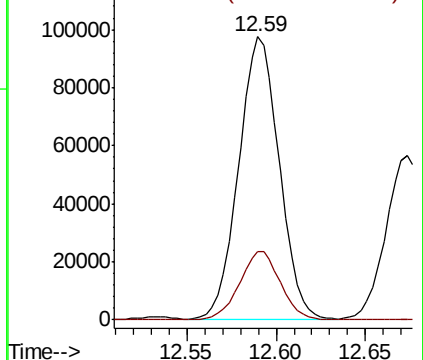
91 100

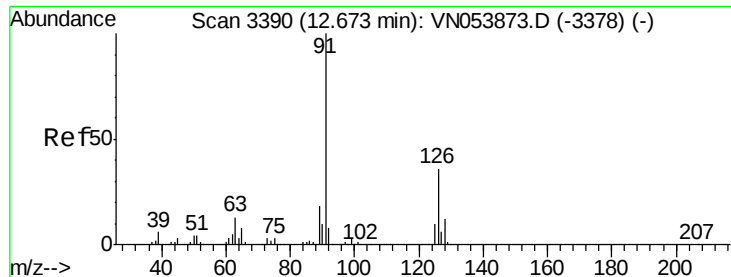
120 24.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.357 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

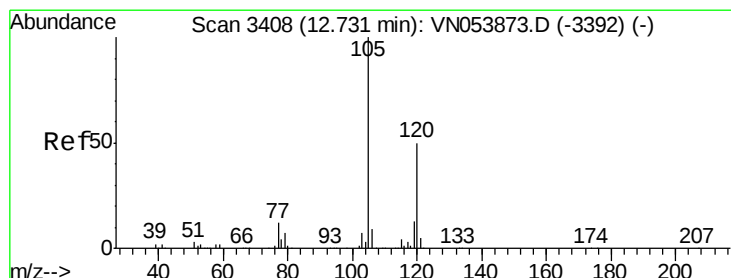
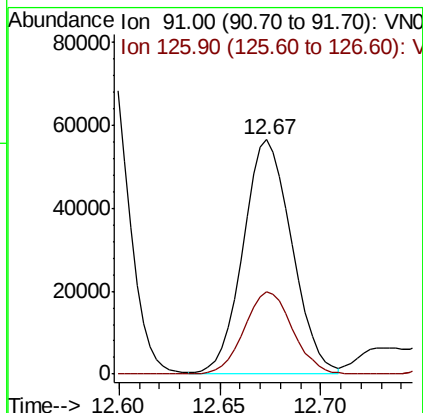
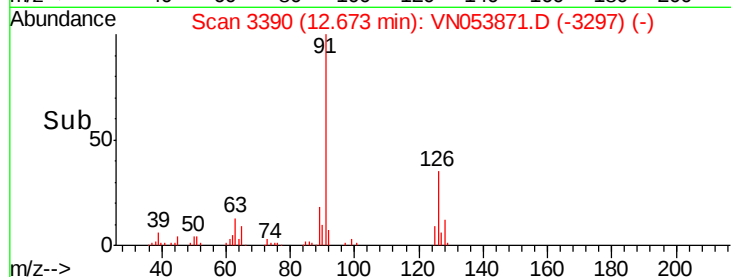
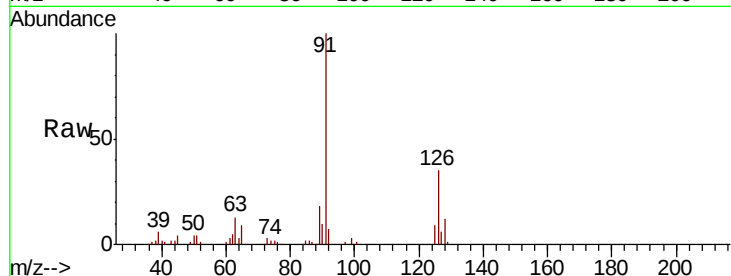
VSTDIC005

Tgt Ion: 91 Resp: 94935

Ion Ratio Lower Upper

91 100

126 35.2 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 5.489 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053871.D

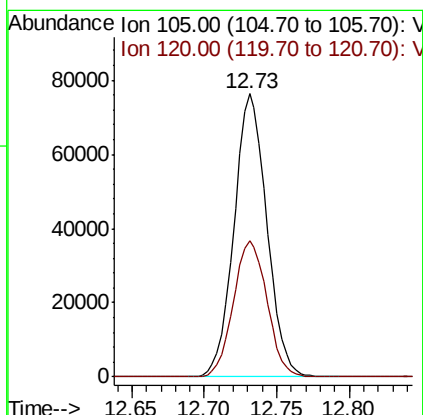
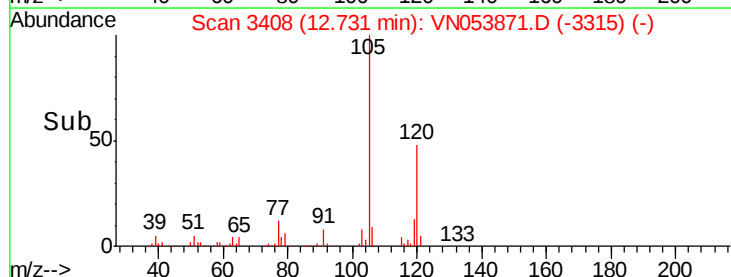
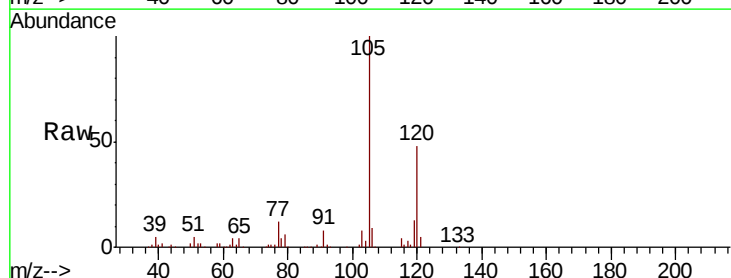
Acq: 20 Feb 2019 8:58

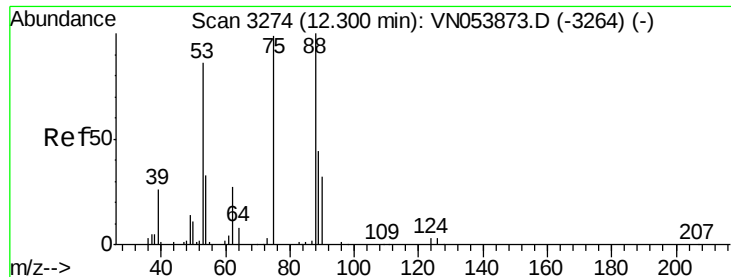
Tgt Ion: 105 Resp: 119754

Ion Ratio Lower Upper

105 100

120 49.1 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 4.785 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

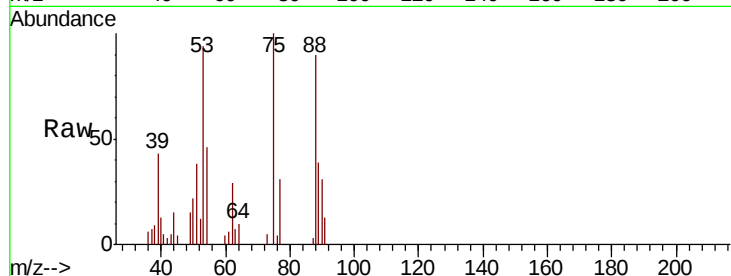
Tgt Ion: 75 Resp: 7938

Ion Ratio Lower Upper

75 100

53 95.3 68.6 102.8

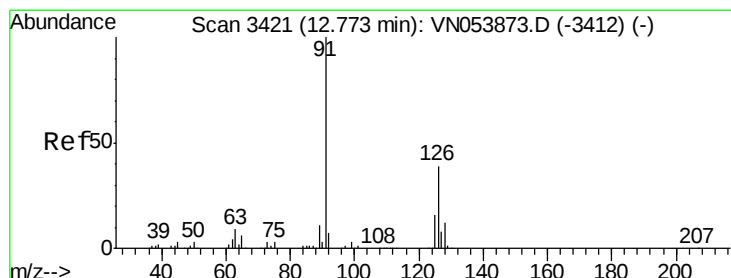
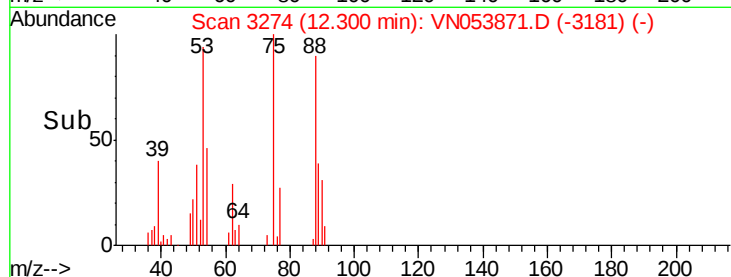
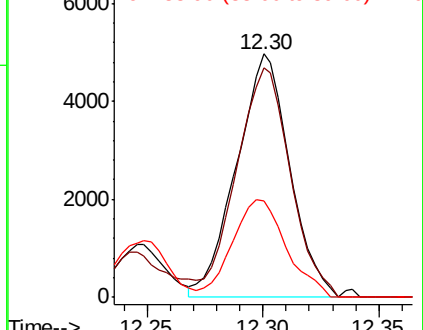
89 40.6 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 5.314 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN053871.D

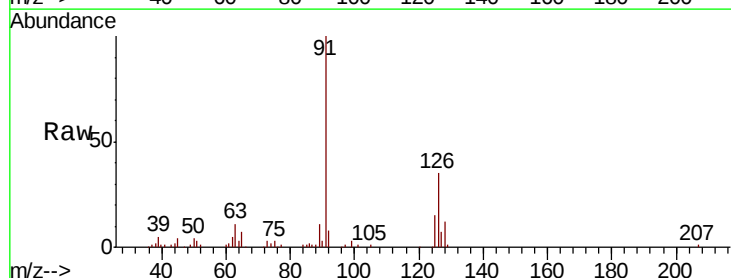
Acq: 20 Feb 2019 8:58

Tgt Ion: 91 Resp: 93821

Ion Ratio Lower Upper

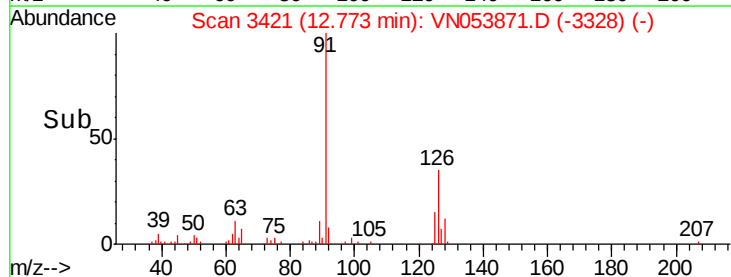
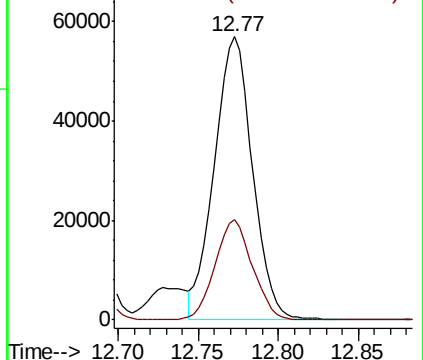
91 100

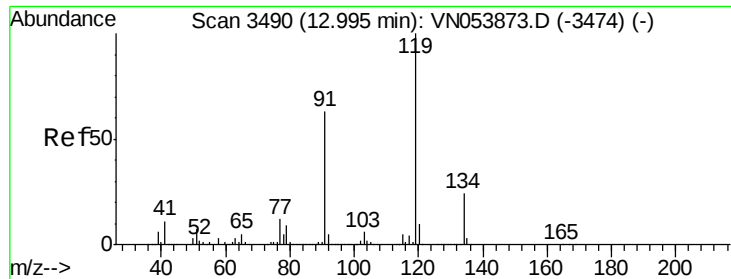
126 34.2 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

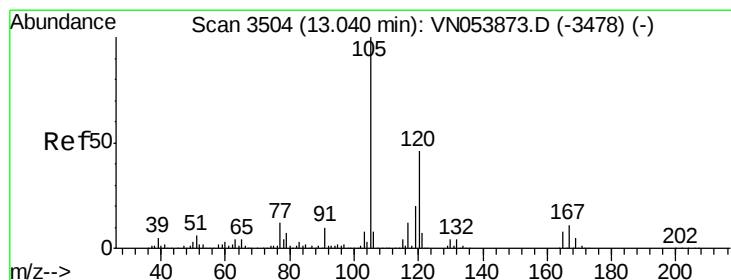
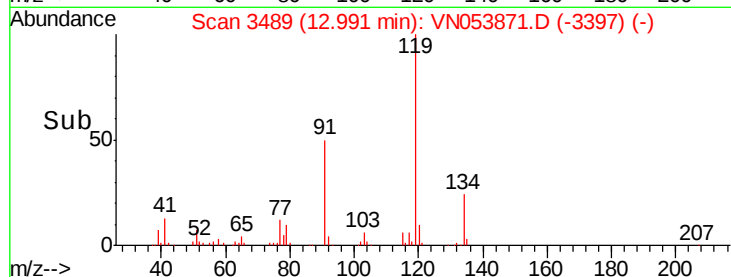
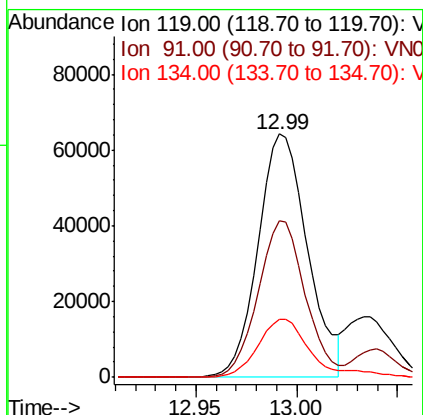
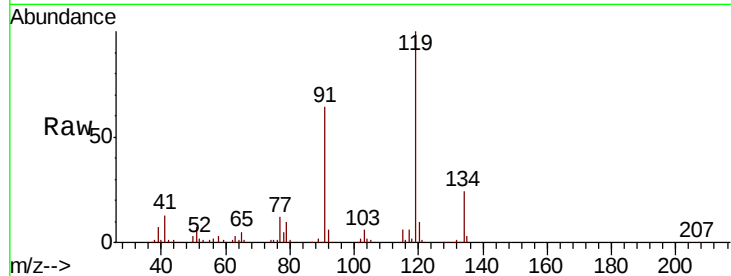




#83  
 tert-Butylbenzene  
 Concen: 5.600 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

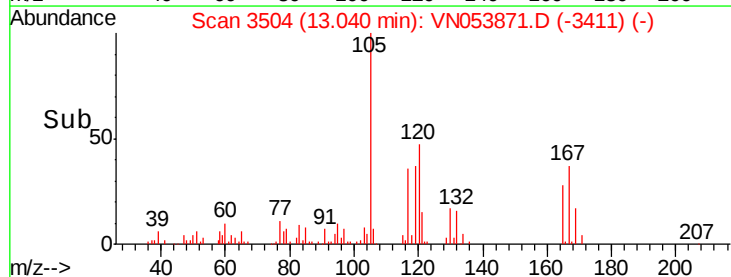
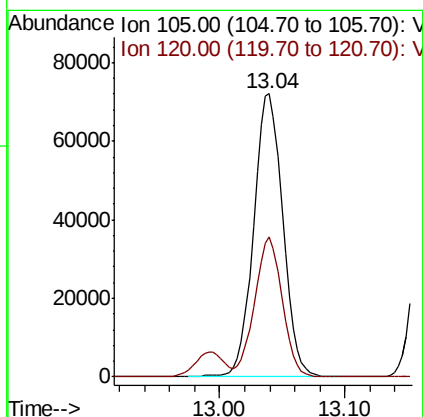
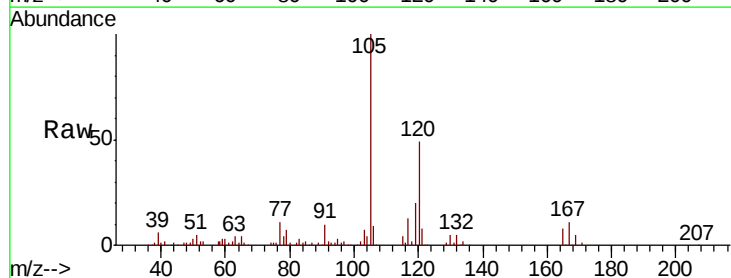
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

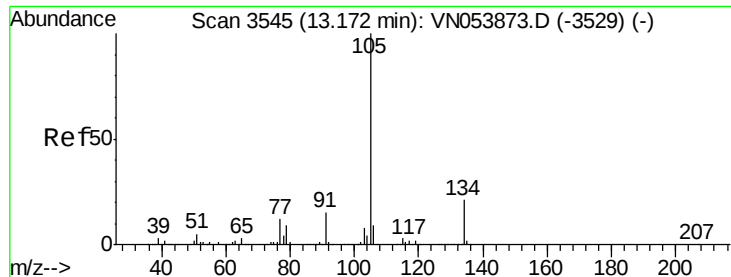
Tgt Ion:119 Resp: 109700  
 Ion Ratio Lower Upper  
 119 100  
 91 61.2 30.6 91.8  
 134 25.7 13.0 39.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 5.347 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

Tgt Ion:105 Resp: 117008  
 Ion Ratio Lower Upper  
 105 100  
 120 46.6 23.2 69.5

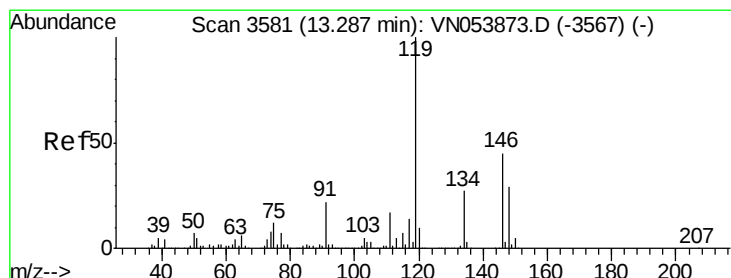
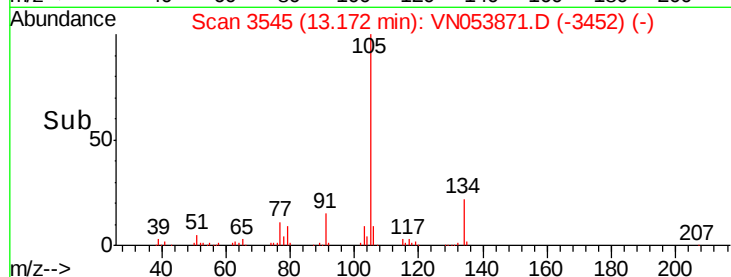
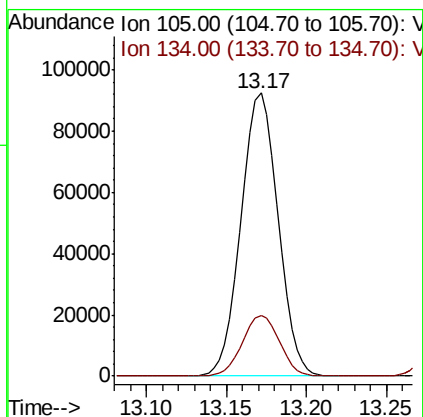
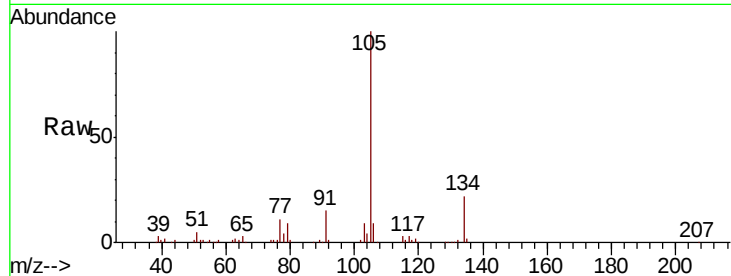




#85  
 sec-Butylbenzene  
 Concen: 5.524 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

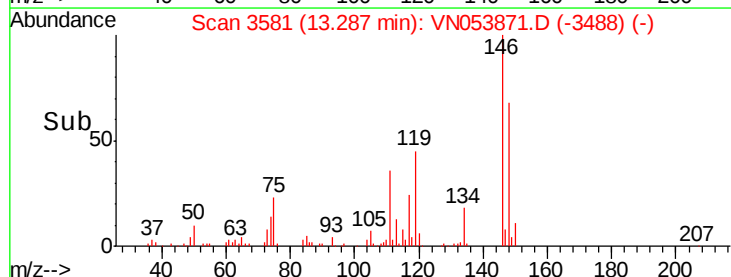
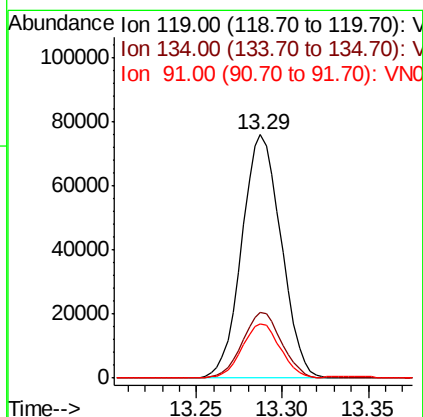
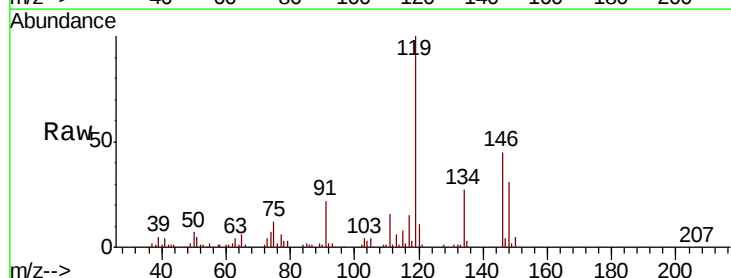
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

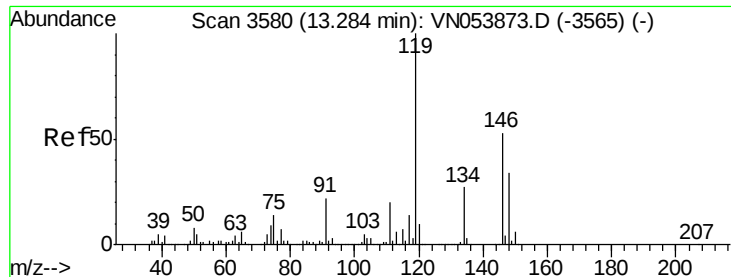
Tgt Ion:105 Resp: 145706  
 Ion Ratio Lower Upper  
 105 100  
 134 21.3 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 5.270 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

Tgt Ion:119 Resp: 120629  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.5 40.4  
 91 21.7 10.9 32.6

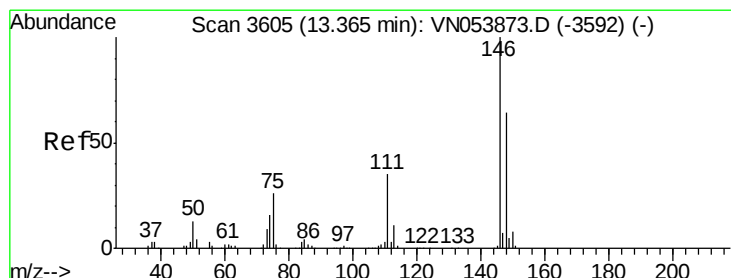
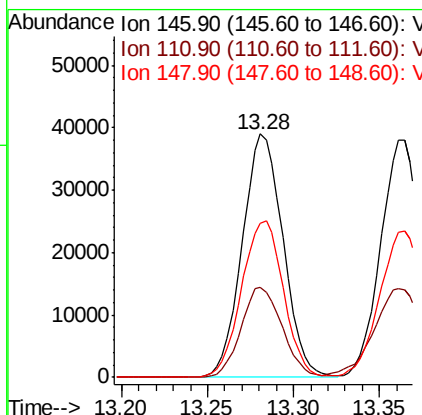
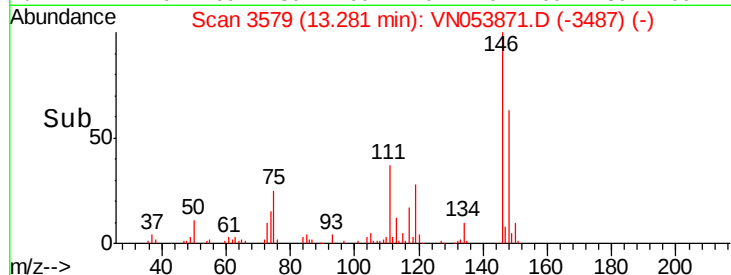
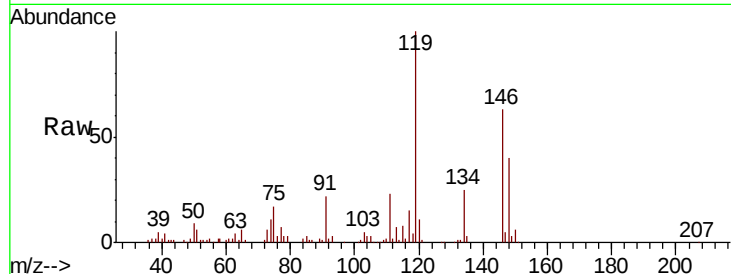




#87  
 1,3-Dichlorobenzene  
 Concen: 5.207 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

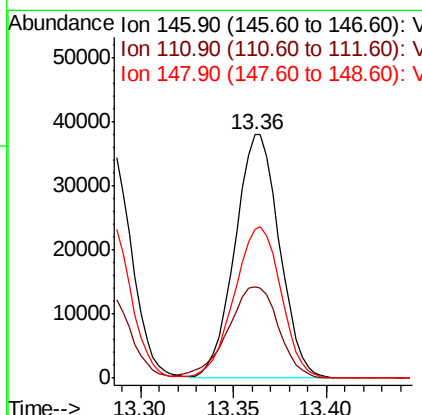
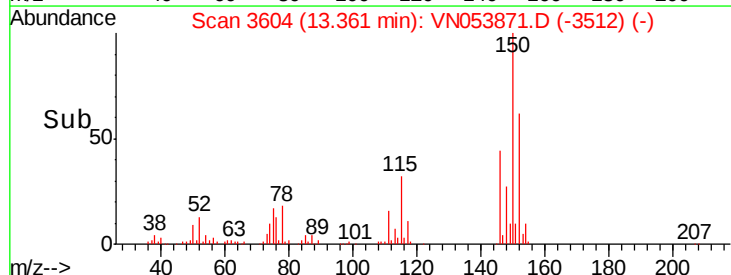
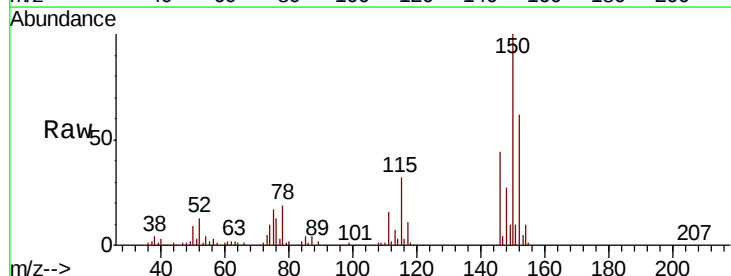
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

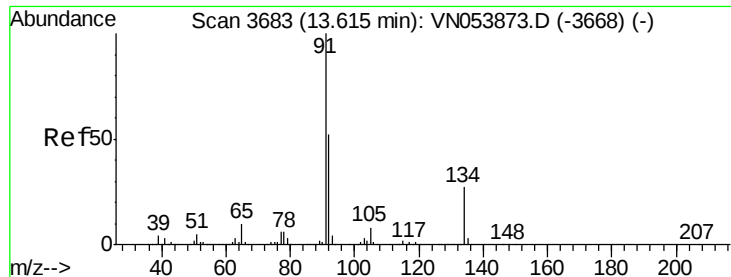
Tgt Ion:146 Resp: 64059  
 Ion Ratio Lower Upper  
 146 100  
 111 37.0 18.7 56.1  
 148 66.0 32.0 96.2



#88  
 1,4-Dichlorobenzene  
 Concen: 5.095 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

Tgt Ion:146 Resp: 63067  
 Ion Ratio Lower Upper  
 146 100  
 111 43.0 18.0 54.0  
 148 65.5 32.1 96.5

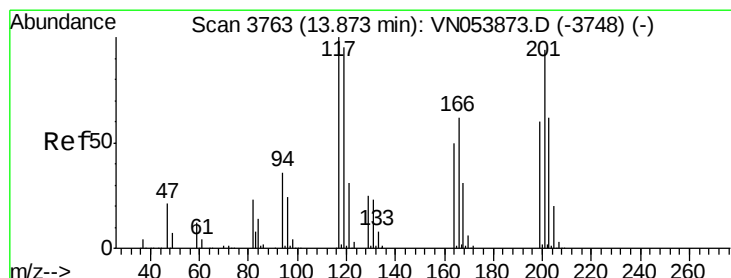
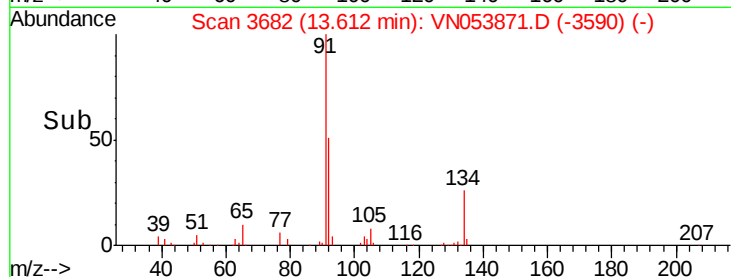
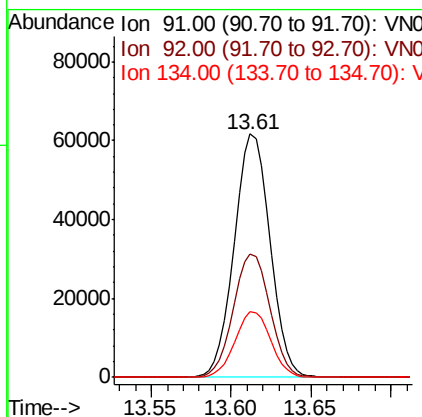
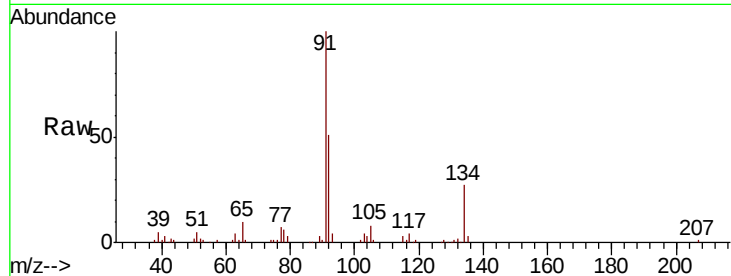




#89  
n-Butylbenzene  
Concen: 4.996 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

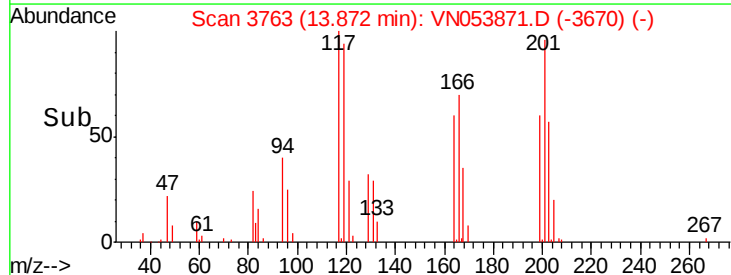
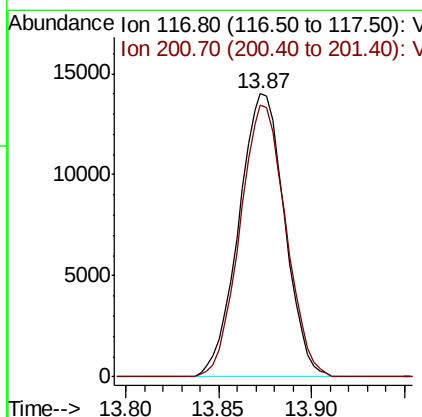
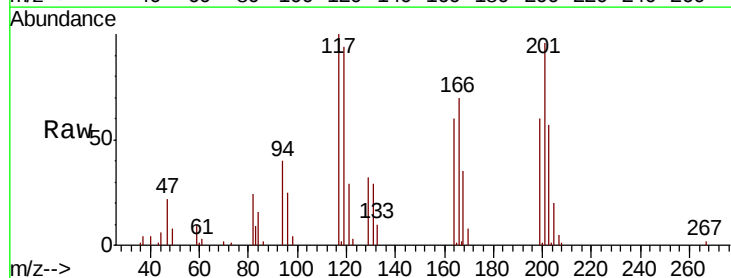
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

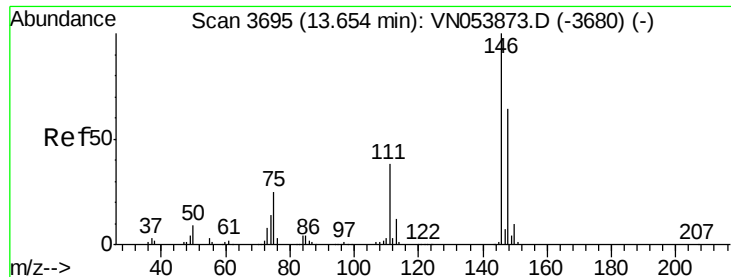
Tgt Ion: 91 Resp: 94051  
Ion Ratio Lower Upper  
91 100  
92 51.7 26.1 78.2  
134 26.8 13.6 40.8



#90  
Hexachloroethane  
Concen: 5.512 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Tgt Ion: 117 Resp: 24103  
Ion Ratio Lower Upper  
117 100  
201 96.0 48.0 144.2





#91

1,2-Dichlorobenzene

Concen: 5.237 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

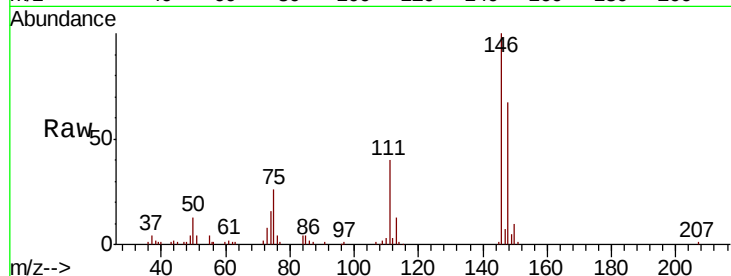
Tgt Ion:146 Resp: 63211

Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.5

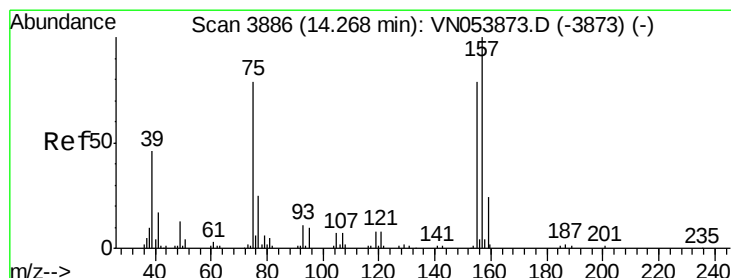
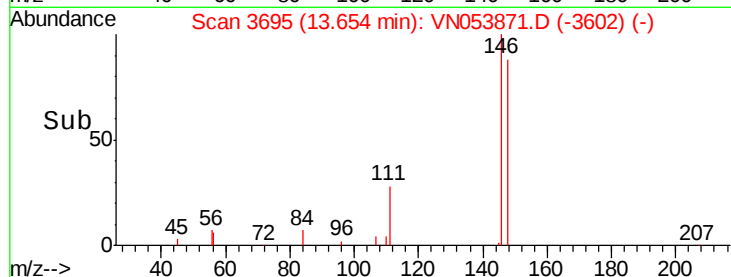
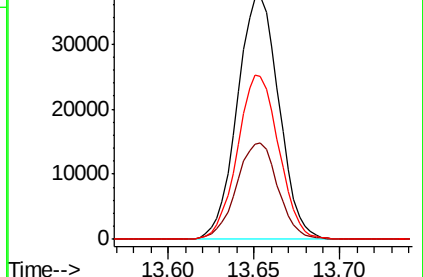
148 66.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.437 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053871.D

Acq: 20 Feb 2019 8:58

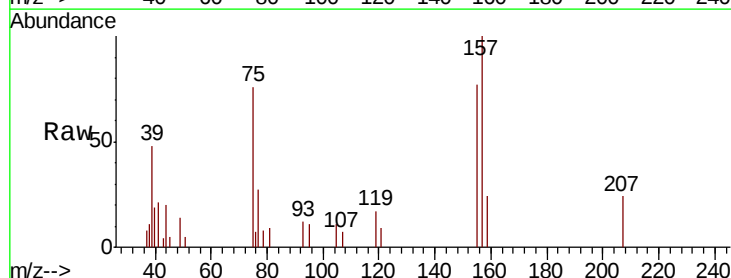
Tgt Ion: 75 Resp: 4930

Ion Ratio Lower Upper

75 100

155 94.8 49.5 148.5

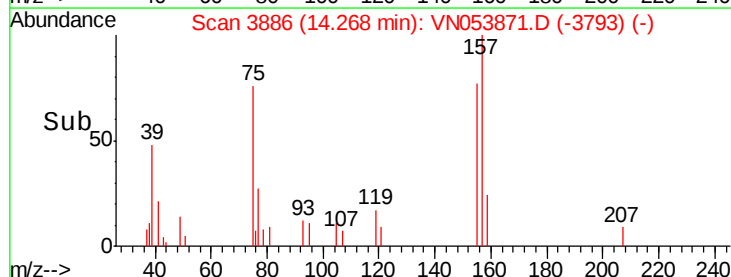
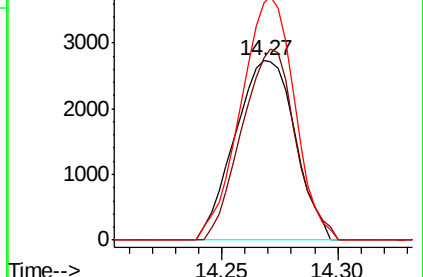
157 120.9 64.8 194.6

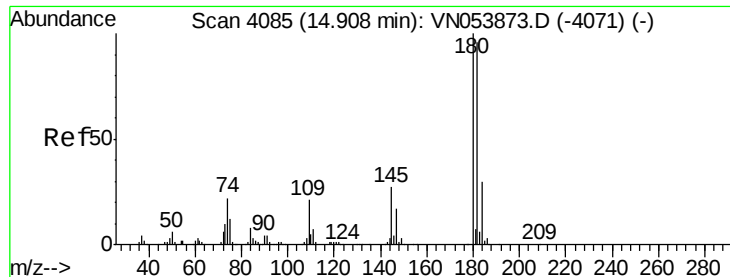


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

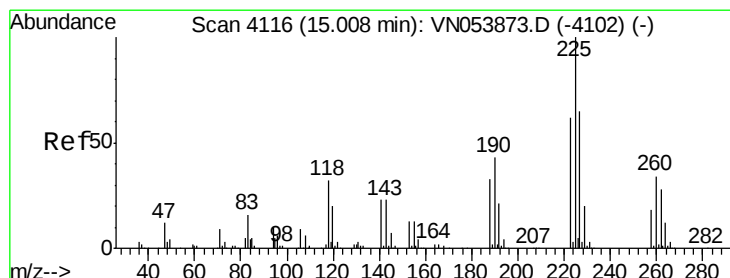
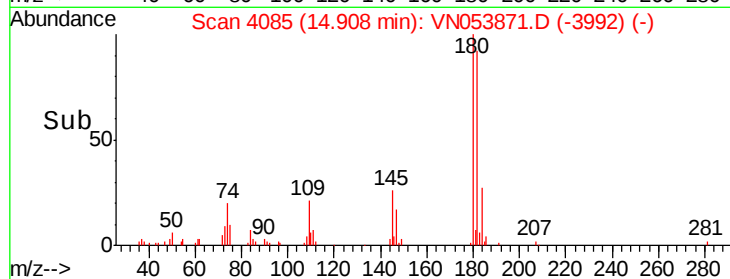
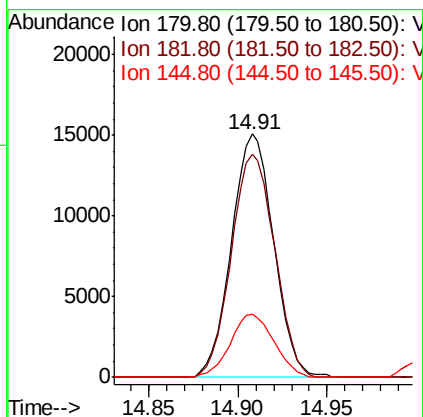
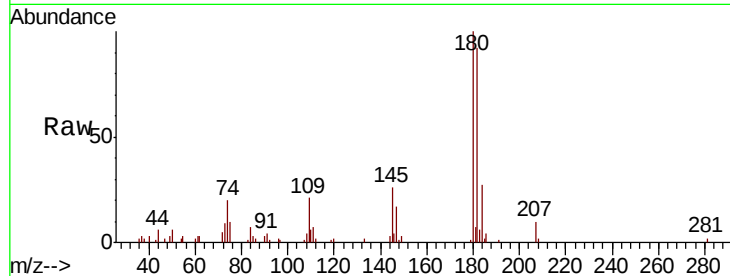




#93  
 1,2,4-Trichlorobenzene  
 Concen: 3.995 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. -0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

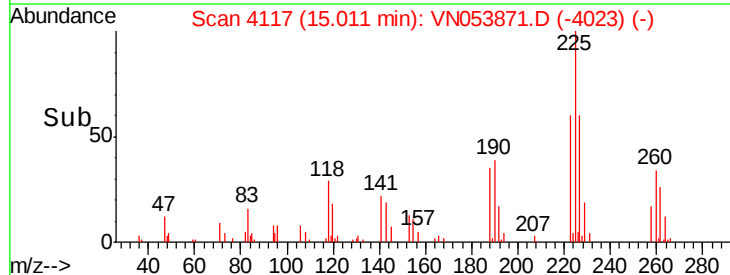
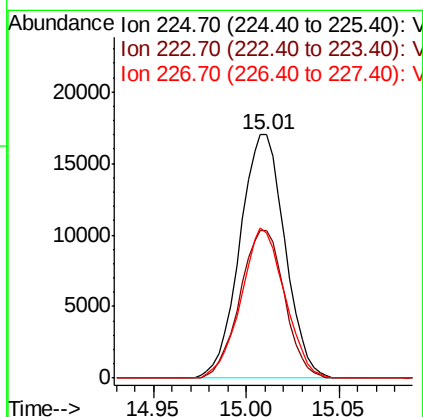
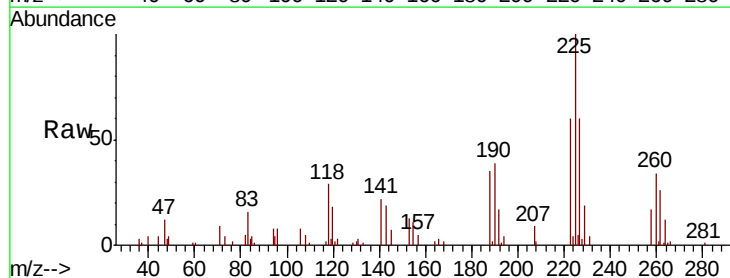
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

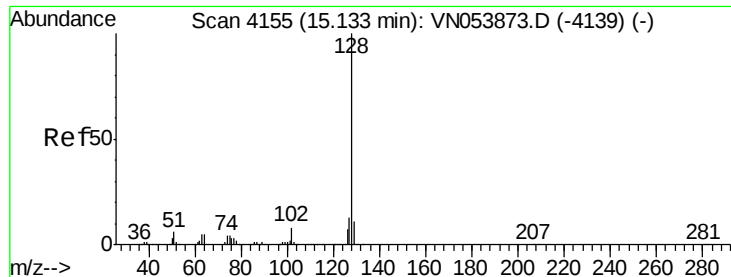
Tgt Ion:180 Resp: 24745  
 Ion Ratio Lower Upper  
 180 100  
 182 94.2 48.6 145.9  
 145 26.8 13.8 41.3



#94  
 Hexachlorobutadiene  
 Concen: 5.727 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN053871.D  
 Acq: 20 Feb 2019 8:58

Tgt Ion:225 Resp: 28830  
 Ion Ratio Lower Upper  
 225 100  
 223 59.7 30.9 92.5  
 227 59.7 32.5 97.4

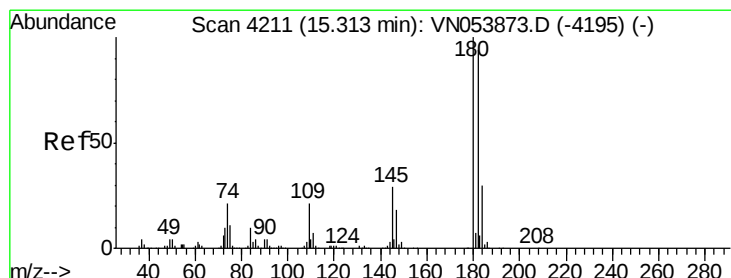
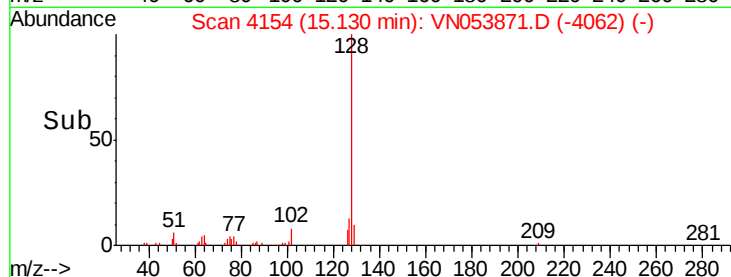
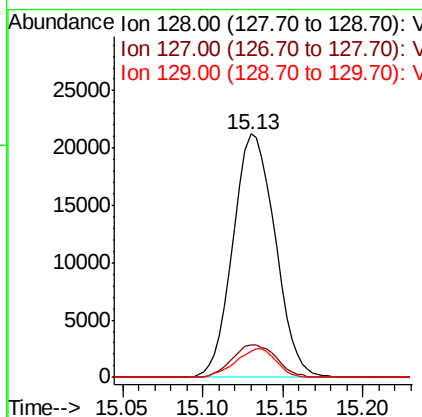
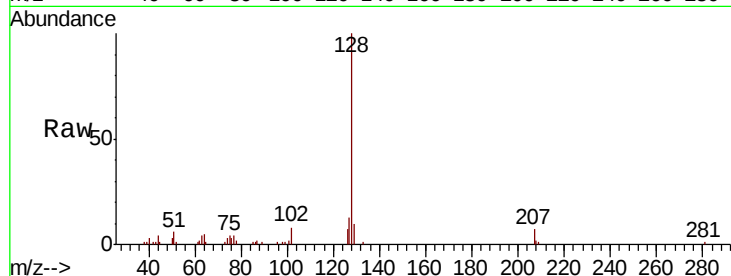




#95  
Naphthalene  
Concen: 3.304 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

Tgt Ion:128 Resp: 38223  
Ion Ratio Lower Upper  
128 100  
127 14.0 10.2 15.2  
129 11.2 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 4.149 ug/l  
RT: 15.31 min Scan# 4211  
Delta R.T. -0.00 min  
Lab File: VN053871.D  
Acq: 20 Feb 2019 8:58

Tgt Ion:180 Resp: 24937  
Ion Ratio Lower Upper  
180 100  
182 92.8 47.3 141.8  
145 27.8 14.4 43.0

