

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082418\  
 Data File : VN050866.D  
 Acq On : 24 Aug 2018 10:26  
 Operator : MD\SY  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 24 22:49:25 2018  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 22 05:38:12 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 657260   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 927686   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 863174   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 435697   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 390018   | 49.29 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.58%  |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 367509   | 49.80 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.60%  |      |
| 50) Toluene-d8            | 10.09  | 98  | 1412187  | 51.18 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.36% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 472243   | 51.50 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.00% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 471191  | 53.57  | ug/l | 99     |
| 3) Chloromethane              | 2.06 | 50  | 515324  | 47.50  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.18 | 62  | 510600  | 49.68  | ug/l | 100    |
| 5) Bromomethane               | 2.56 | 94  | 294682  | 50.46  | ug/l | 98     |
| 6) Chloroethane               | 2.70 | 64  | 291051  | 49.02  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.01 | 101 | 665307  | 50.56  | ug/l | 99     |
| 8) Diethyl Ether              | 3.41 | 74  | 229436  | 51.27  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 409313  | 49.78  | ug/l | 100    |
| 10) Methyl Iodide             | 3.95 | 142 | 334745  | 46.85  | ug/l | 100    |
| 11) Tert butyl alcohol        | 4.79 | 59  | 127267  | 252.59 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.73 | 96  | 374863  | 50.78  | ug/l | 99     |
| 13) Acrolein                  | 3.61 | 56  | 59551   | 205.81 | ug/l | 99     |
| 14) Allyl chloride            | 4.32 | 41  | 591602  | 51.43  | ug/l | 99     |
| 15) Acrylonitrile             | 4.99 | 53  | 669654  | 261.52 | ug/l | 98     |
| 16) Acetone                   | 3.82 | 43  | 478725  | 255.66 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.05 | 76  | 1140246 | 46.08  | ug/l | 100    |
| 18) Methyl Acetate            | 4.33 | 43  | 375699  | 50.28  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 998459  | 53.77  | ug/l | 99     |
| 20) Methylene Chloride        | 4.55 | 84  | 420699  | 47.17  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 399278  | 50.01  | ug/l | 99     |
| 22) Diisopropyl ether         | 5.96 | 45  | 1236060 | 53.92  | ug/l | 97     |
| 23) Vinyl Acetate             | 5.90 | 43  | 3929649 | 266.18 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 740816  | 50.34  | ug/l | 100    |
| 25) 2-Butanone                | 6.84 | 43  | 736342  | 230.92 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.83 | 77  | 593959  | 50.23  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 446446  | 51.87  | ug/l | 100    |
| 28) Bromochloromethane        | 7.20 | 49  | 315738  | 50.49  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 482992  | 264.19 | ug/l | 99     |
| 30) Chloroform                | 7.37 | 83  | 725028  | 49.75  | ug/l | 100    |
| 31) Cyclohexane               | 7.65 | 56  | 663272  | 49.59  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 629060  | 50.25  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 570475  | 52.11  | ug/l | 100    |
| 37) Ethyl Acetate             | 6.93 | 43  | 327077  | 52.01  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 562204  | 50.81  | ug/l | 100    |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 24 22:49:25 2018  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 22 05:38:12 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 632880   | 53.44   | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 1712088  | 51.86   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 187317   | 55.04   | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 507762   | 51.45   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.17  | 43   | 578953   | 53.55   | ug/l # | 88       |
| 44) Trichloroethene            | 8.84  | 130  | 447154   | 51.36   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 449321   | 51.79   | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 262003   | 51.40   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 553371   | 51.83   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 297801   | 54.04   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 79502    | 1058.37 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1639877  | 254.16  | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 1052613  | 53.83   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 558928   | 52.59   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 658076   | 54.07   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 372159   | 51.28   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 461297   | 48.91   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 634218   | 52.94   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 991842   | 241.19  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 1079254  | 251.26  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 428560   | 52.74   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 371996   | 53.00   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 408412   | 49.81   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 1149439  | 50.95   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 426348   | 51.65   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 1969544  | 53.70   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 1535667  | 110.30  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 727770   | 54.37   | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 1171815  | 49.69   | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 296446   | 52.22   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 1946680  | 53.96   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 481760   | 53.15   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 462787   | 53.93   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 551896   | 72.32   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 494645   | 50.45   | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 2204208  | 54.69   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 1314810  | 52.38   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1601176  | 55.00   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 119156   | 52.79   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 1310324  | 52.87   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1366555  | 54.20   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1622327  | 55.40   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 1811539  | 54.84   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 1594797  | 56.66   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 858116   | 51.57   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 825036   | 50.38   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.61 | 91   | 1247824  | 55.43   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 278024   | 51.82   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 820042   | 51.08   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 66083    | 51.00   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 7 Sample Multiplier: 1

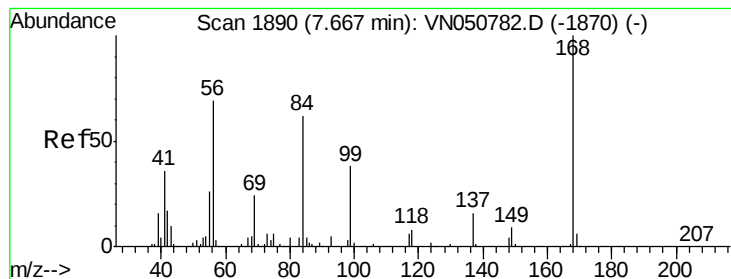
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Aug 24 22:49:25 2018  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082118W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 22 05:38:12 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 386095   | 46.54 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 253162   | 53.27 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 762962   | 44.49 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 373437   | 47.86 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

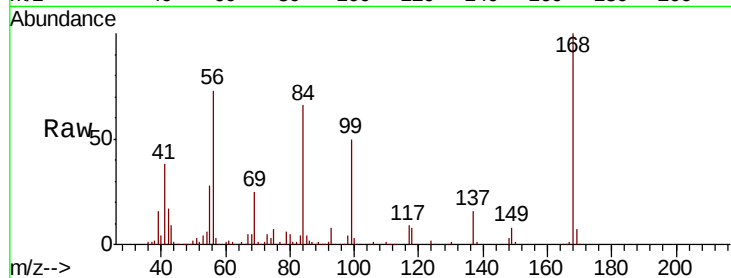
VSTDCCC050

Tot Ion:168 Resp: 657260

Ion Ratio Lower Upper

168 100

99 50.2 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

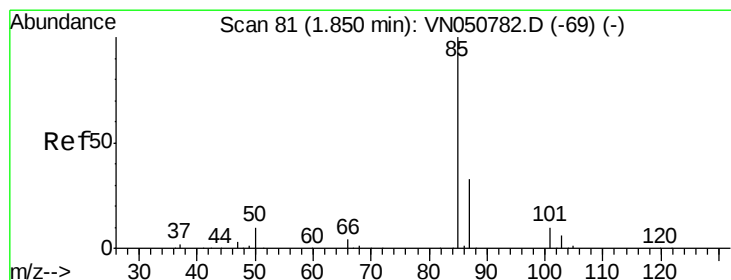
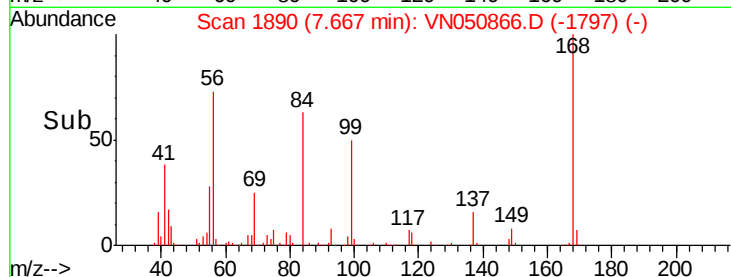
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.57 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050866.D

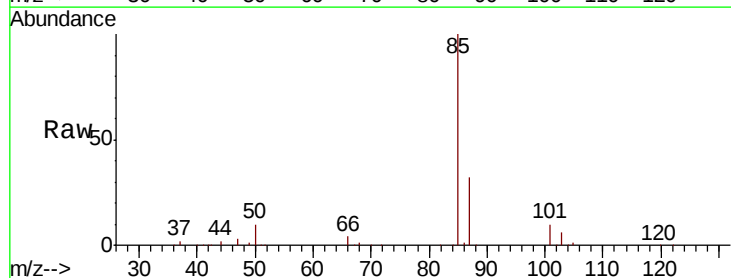
Acq: 24 Aug 2018 10:26

Tgt Ion: 85 Resp: 471191

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

400000

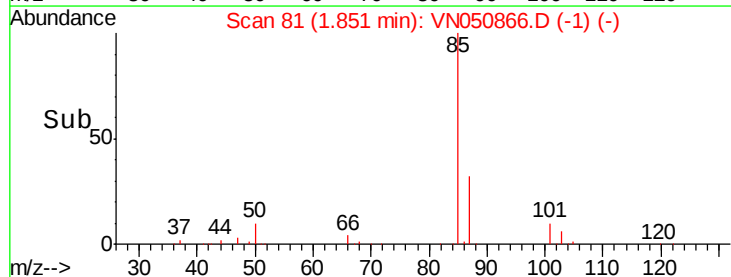
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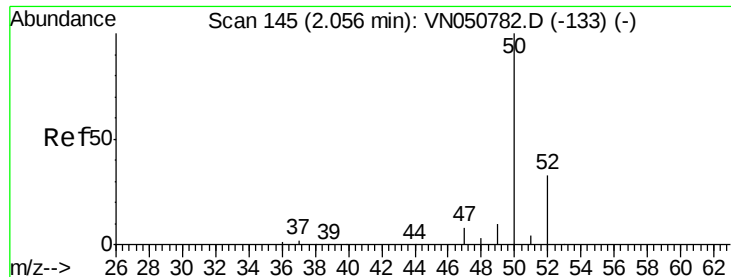
200000

100000

0

Time-->





#3

Chloromethane

Concen: 47.50 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

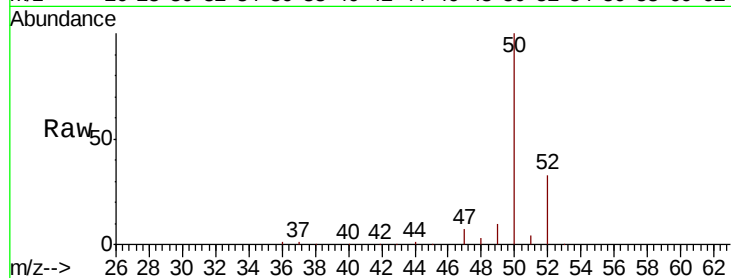
VSTDCCC050

Tot Ion: 50 Resp: 515324

Ion Ratio Lower Upper

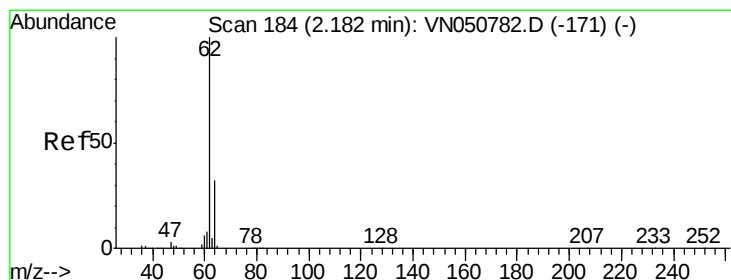
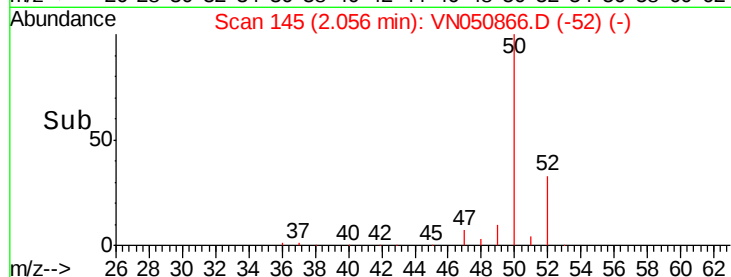
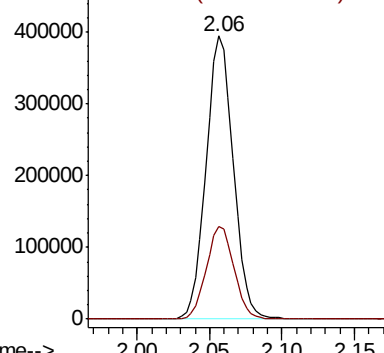
50 100

52 32.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 49.68 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050866.D

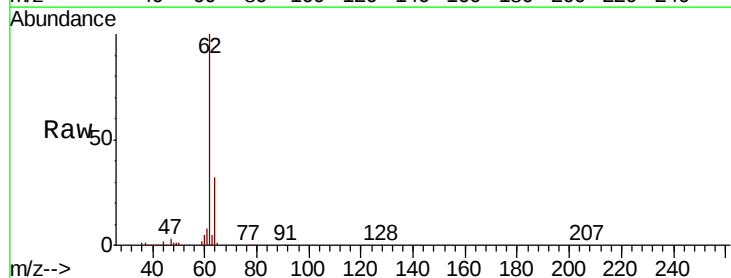
Acq: 24 Aug 2018 10:26

Tgt Ion: 62 Resp: 510600

Ion Ratio Lower Upper

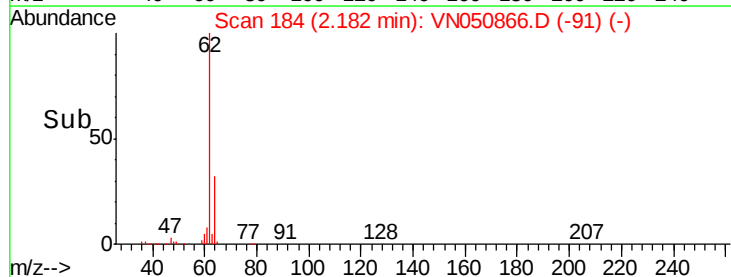
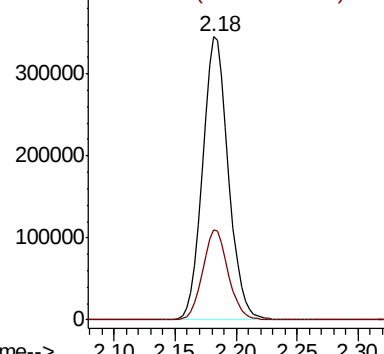
62 100

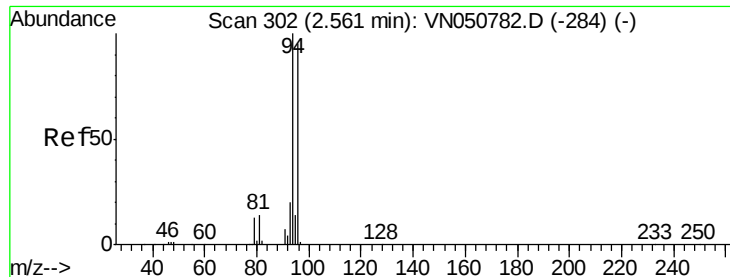
64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 50.46 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

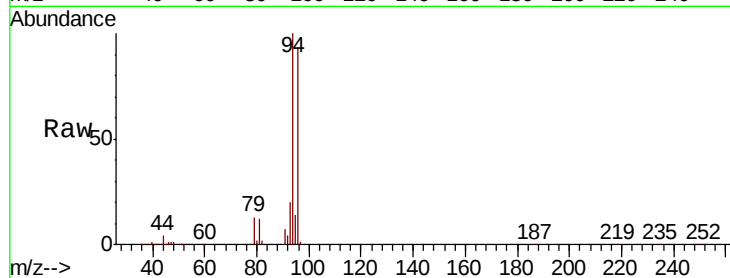
VSTDCCC050

Tot Ion: 94 Resp: 294682

Ion Ratio Lower Upper

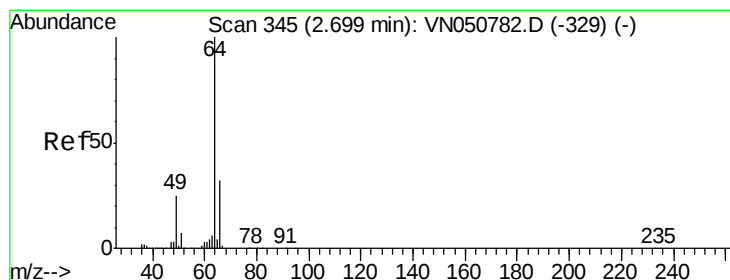
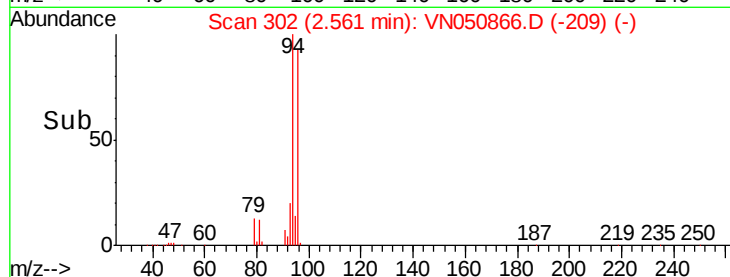
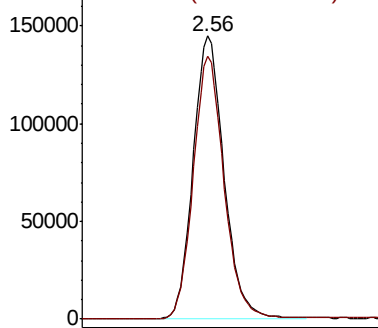
94 100

96 92.9 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.02 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050866.D

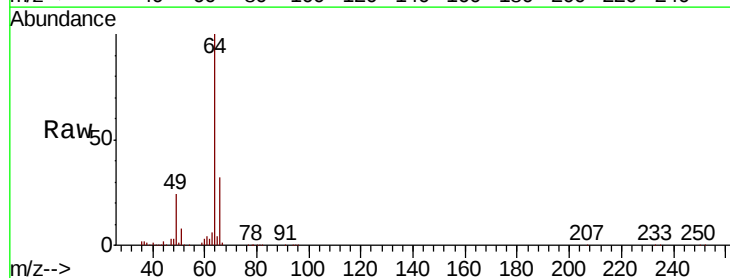
Acq: 24 Aug 2018 10:26

Tgt Ion: 64 Resp: 291051

Ion Ratio Lower Upper

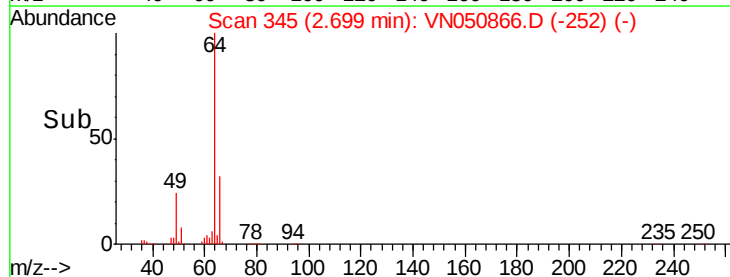
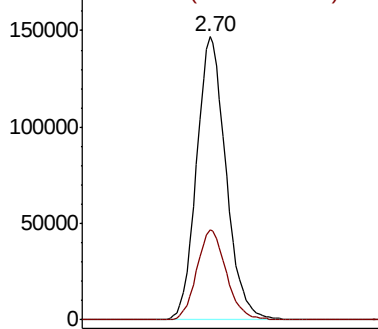
64 100

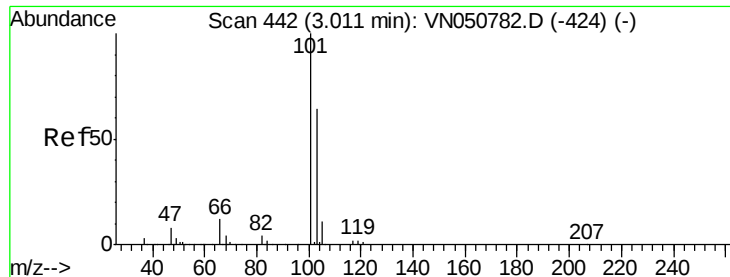
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



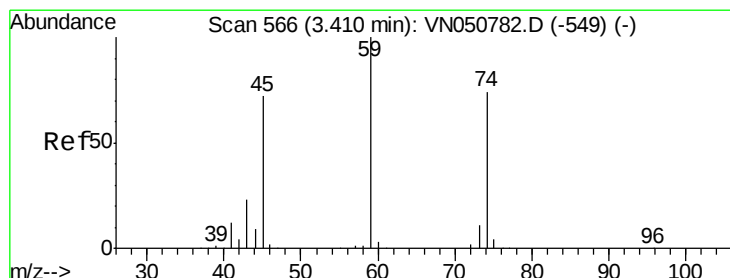
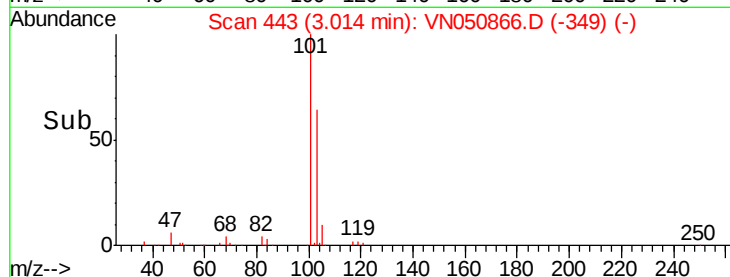
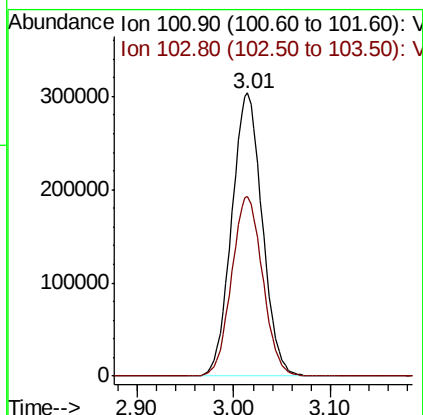
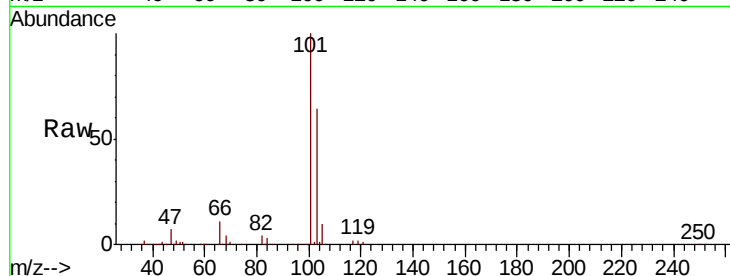


#7

Trichlorofluoromethane  
 Concen: 50.56 ug/l  
 RT: 3.01 min Scan# 443  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

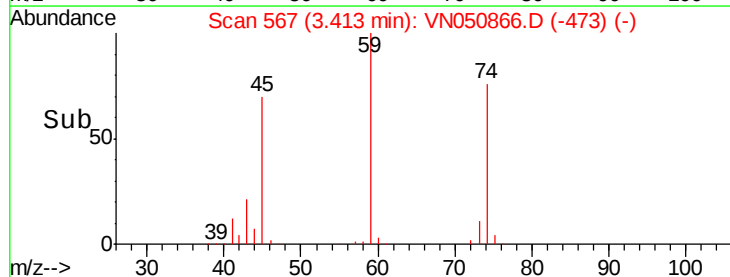
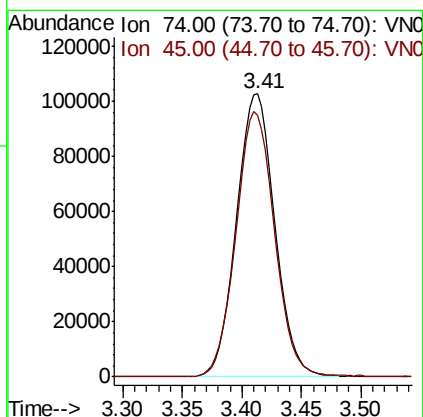
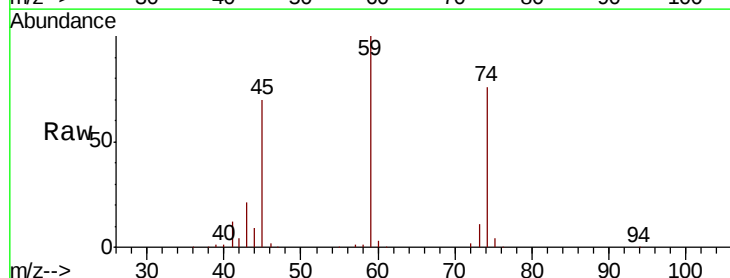
Tot Ion:101 Resp: 665307  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 51.6 77.4

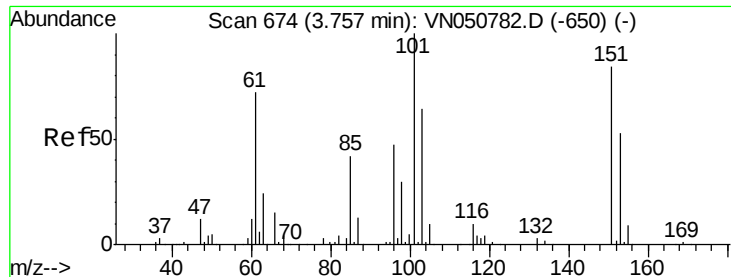


#8

Diethyl Ether  
 Concen: 51.27 ug/l  
 RT: 3.41 min Scan# 567  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

Tgt Ion: 74 Resp: 229436  
 Ion Ratio Lower Upper  
 74 100  
 45 94.6 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.78 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

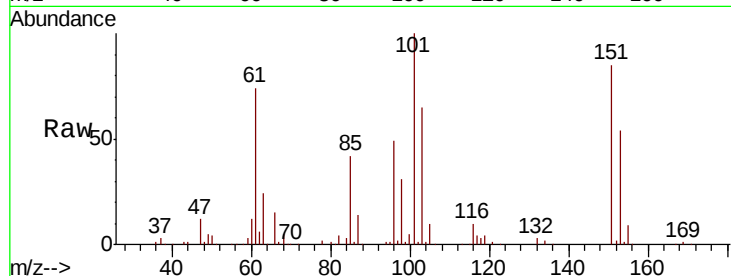
Tot Ion:101 Resp: 409313

Ion Ratio Lower Upper

101 100

85 41.7 33.7 50.5

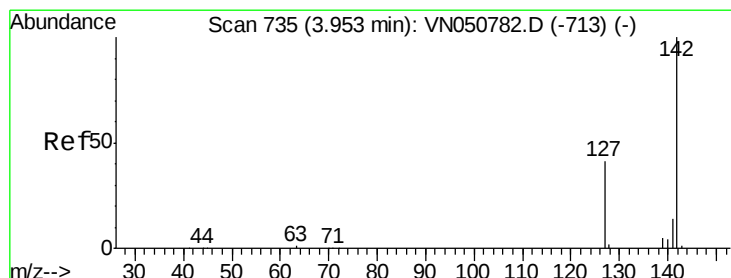
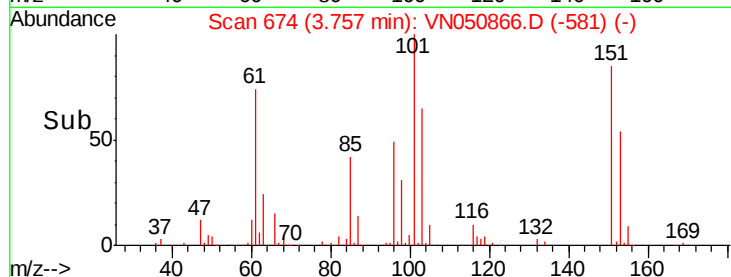
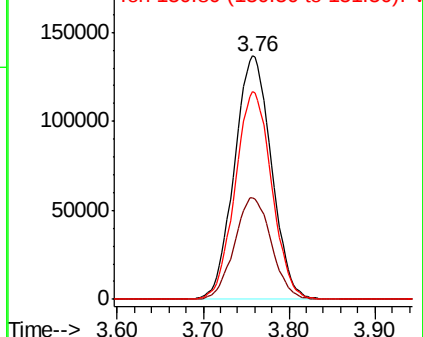
151 84.2 67.4 101.2



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: 46.85 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

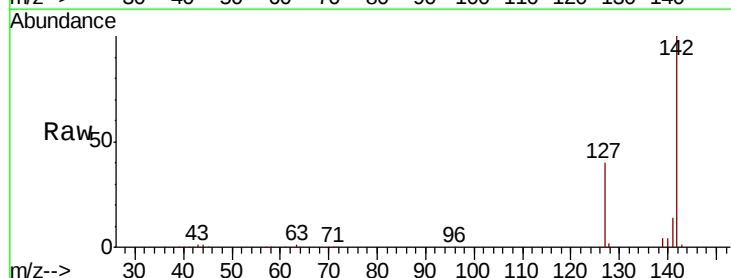
Tgt Ion:142 Resp: 334745

Ion Ratio Lower Upper

142 100

127 39.9 31.7 47.5

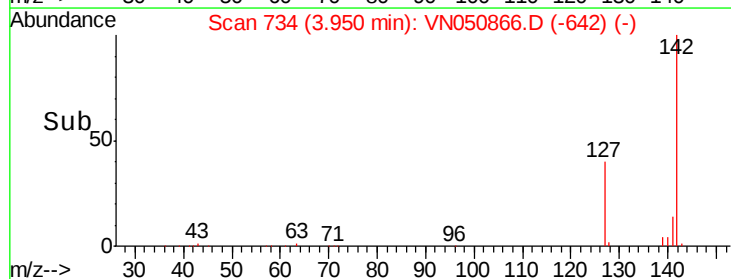
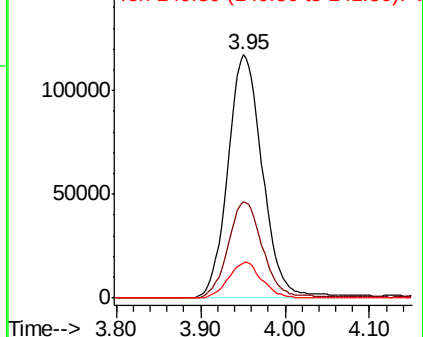
141 14.3 11.4 17.0

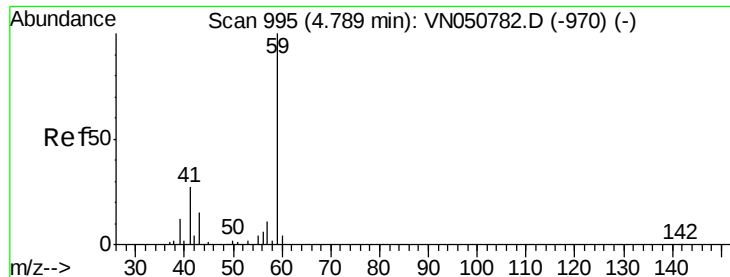


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 252.59 ug/l

RT: 4.79 min Scan# 996

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

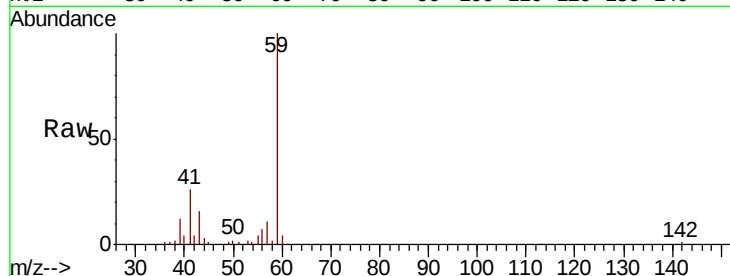
VSTDCCC050

Tot Ion: 59 Resp: 127267

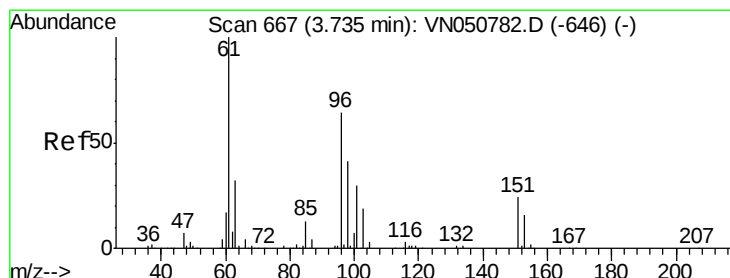
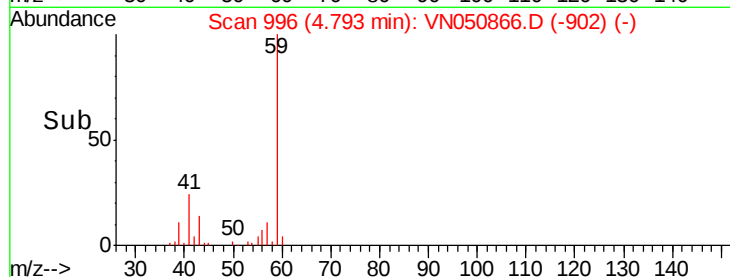
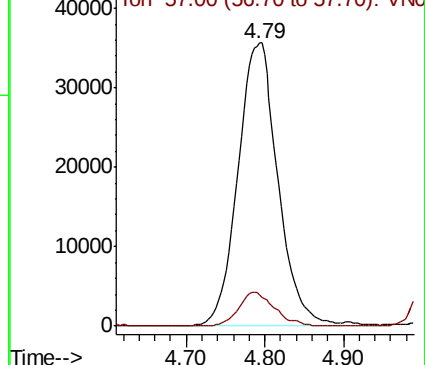
Ion Ratio Lower Upper

59 100

57 10.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN050782.D (-970) (-)



#12

1,1-Dichloroethene

Concen: 50.78 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

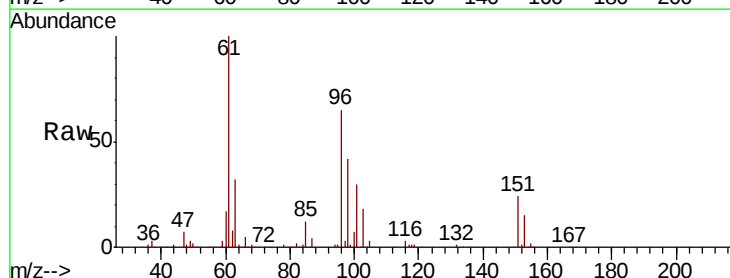
Tgt Ion: 96 Resp: 374863

Ion Ratio Lower Upper

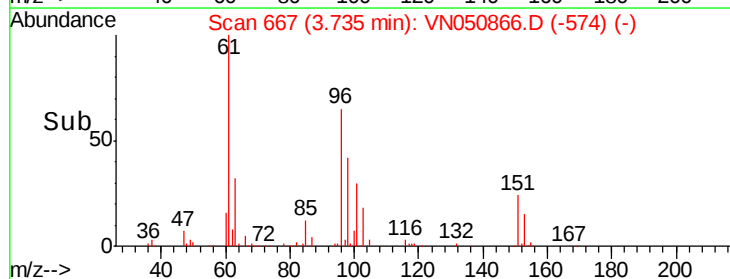
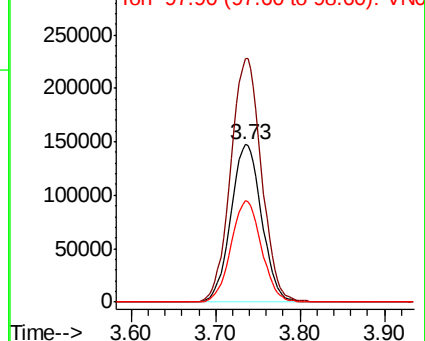
96 100

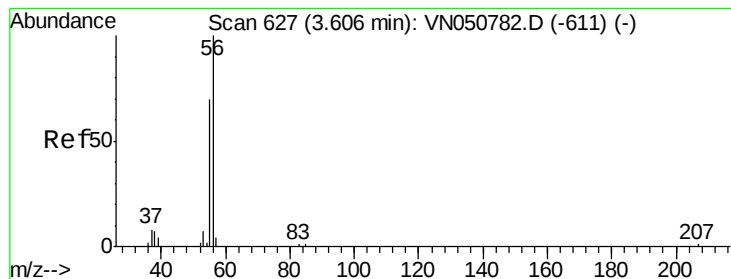
61 154.4 124.9 187.3

98 64.3 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN050782.D (-646) (-)





#13

Acrolein

Concen: 205.81 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

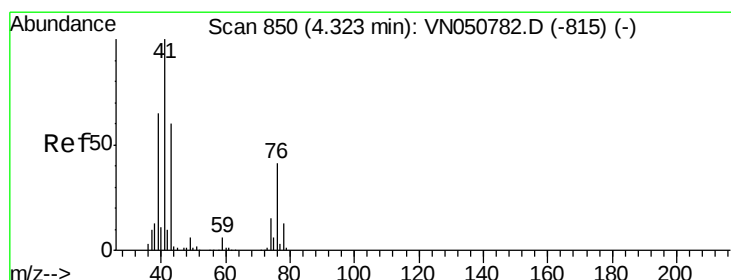
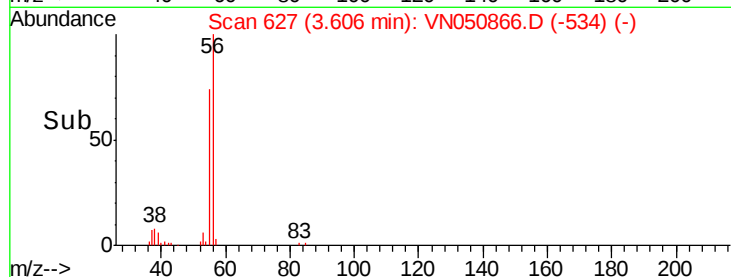
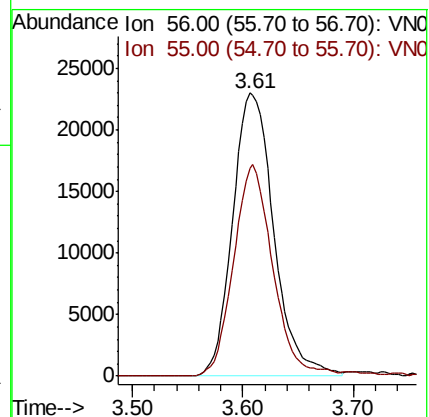
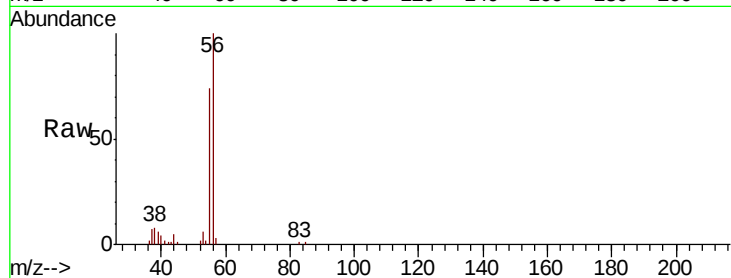
VSTDCCC050

Tot Ion: 56 Resp: 59551

Ion Ratio Lower Upper

56 100

55 71.0 57.7 86.5



#14

Allyl chloride

Concen: 51.43 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

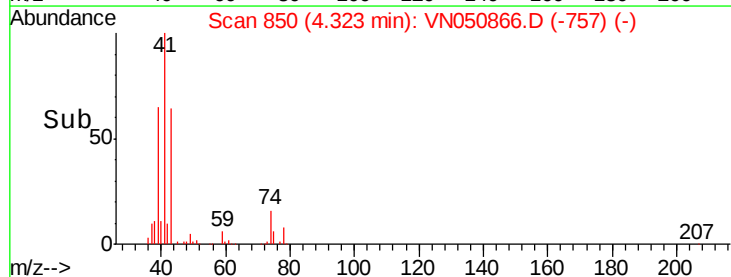
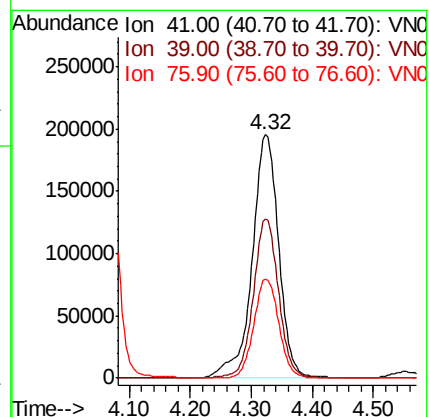
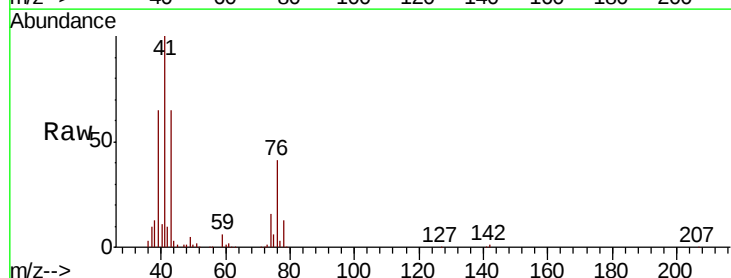
Tgt Ion: 41 Resp: 591602

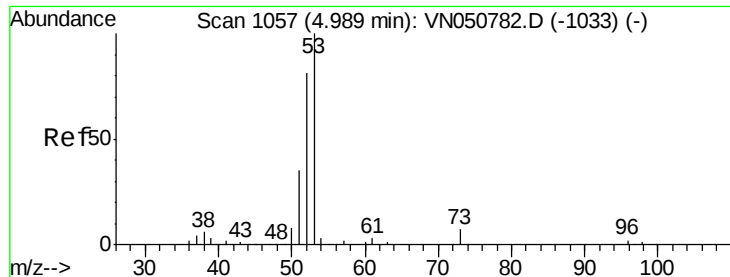
Ion Ratio Lower Upper

41 100

39 62.2 50.2 75.2

76 37.9 29.8 44.8





#15

Acrylonitrile

Concen: 261.52 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

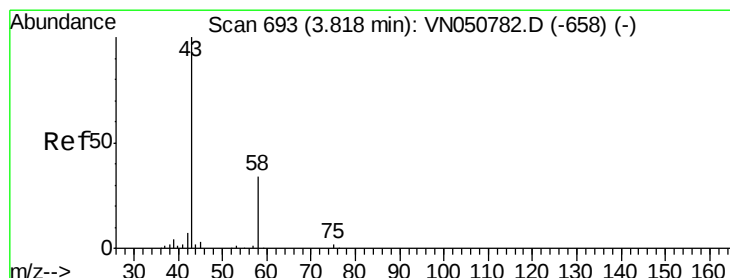
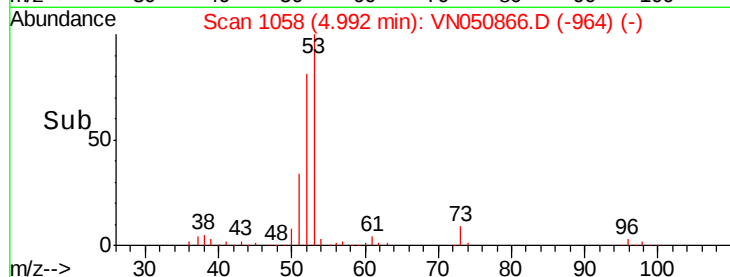
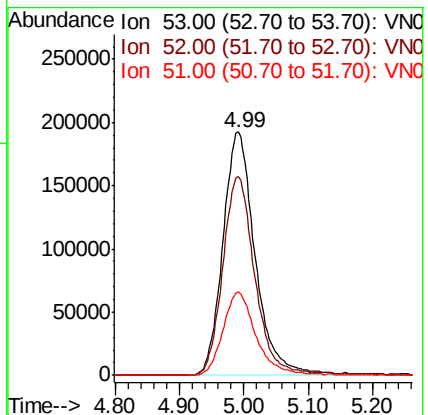
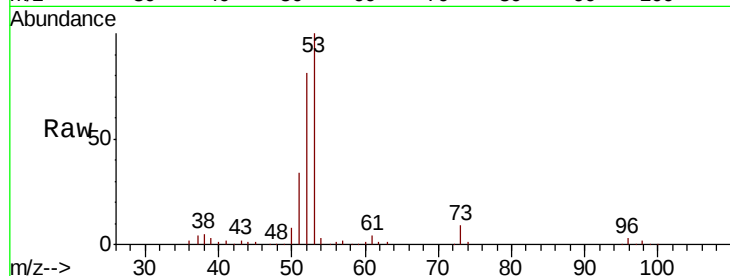
Tot Ion: 53 Resp: 669654

Ion Ratio Lower Upper

53 100

52 80.9 65.9 98.9

51 35.0 28.6 43.0



#16

Acetone

Concen: 255.66 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN050866.D

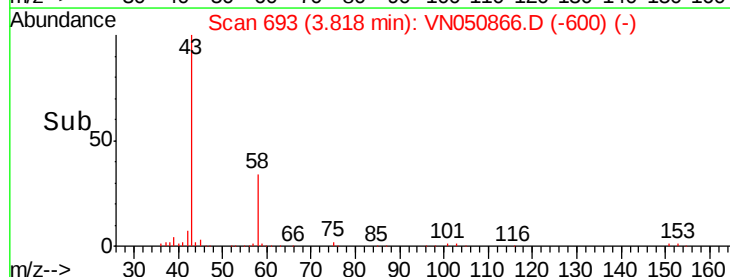
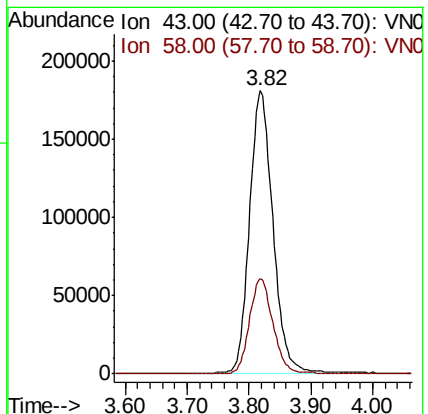
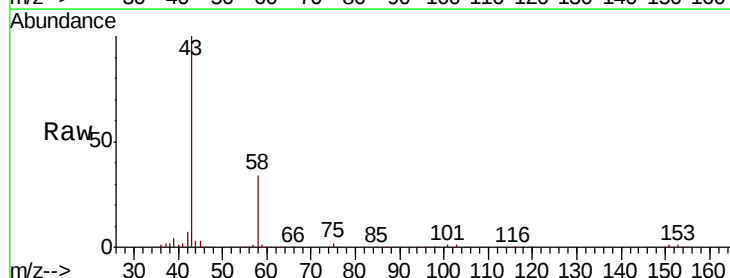
Acq: 24 Aug 2018 10:26

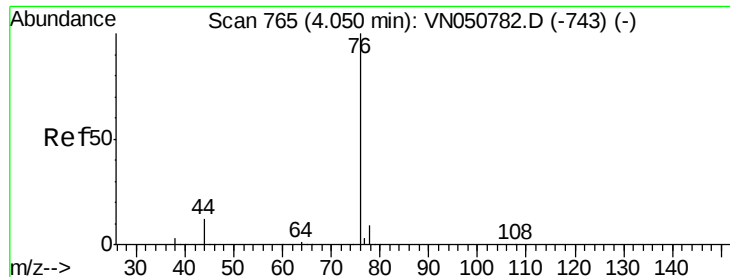
Tgt Ion: 43 Resp: 478725

Ion Ratio Lower Upper

43 100

58 33.6 27.2 40.8

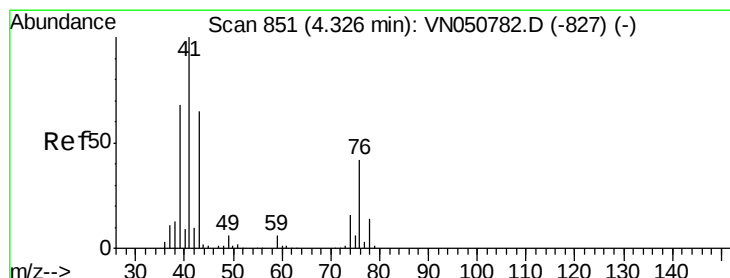
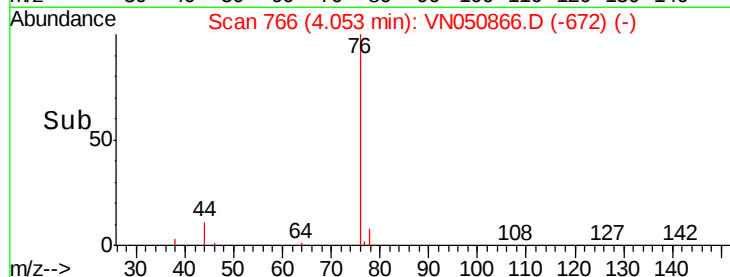
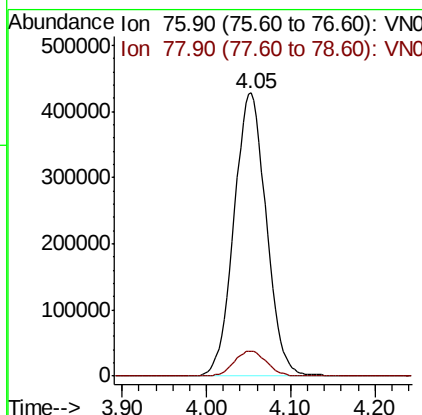
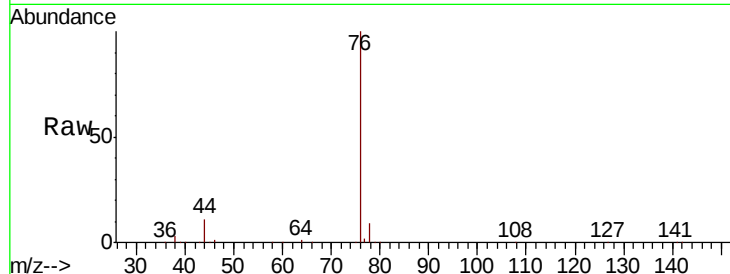




#17  
Carbon Disulfide  
Concen: 46.08 ug/l  
RT: 4.05 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

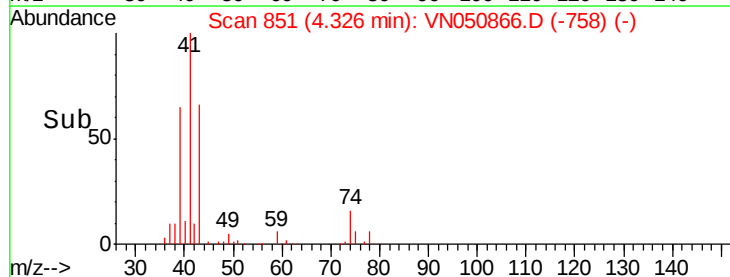
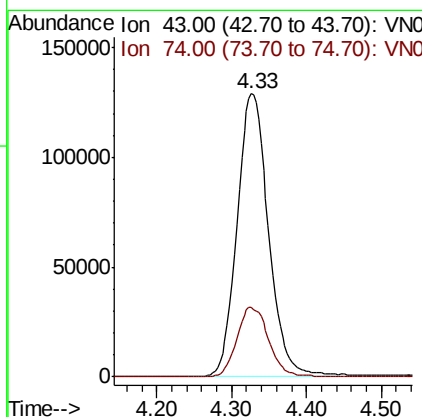
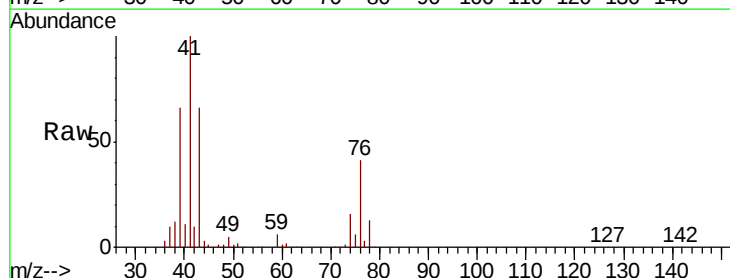
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

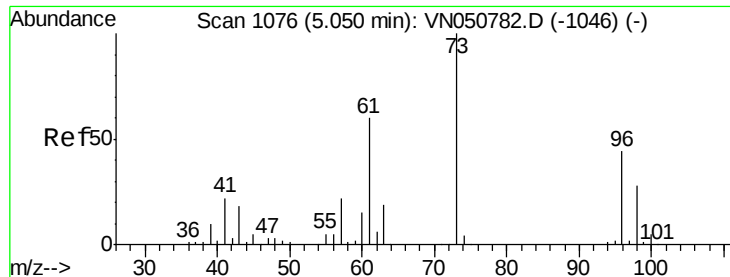
Tot Ion: 76 Resp: 1140246  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9



#18  
Methyl Acetate  
Concen: 50.28 ug/l  
RT: 4.33 min Scan# 851  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

Tgt Ion: 43 Resp: 375699  
Ion Ratio Lower Upper  
43 100  
74 24.9 19.8 29.8

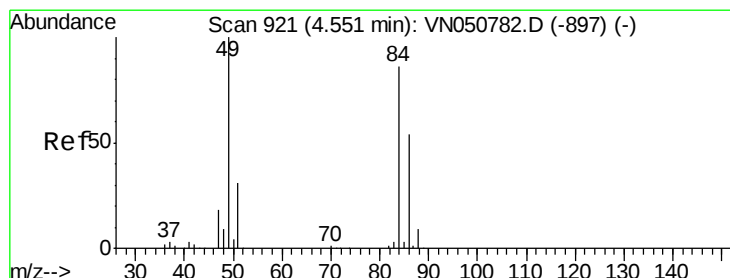
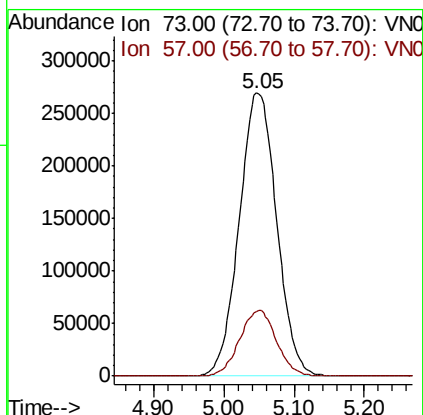
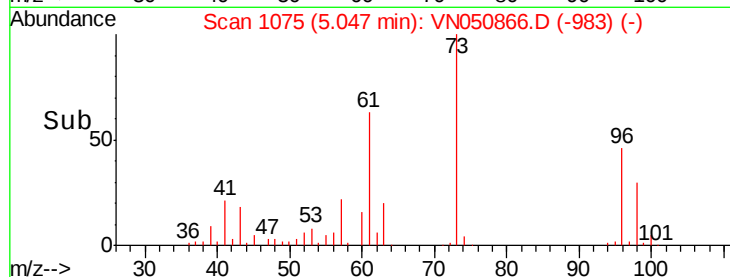
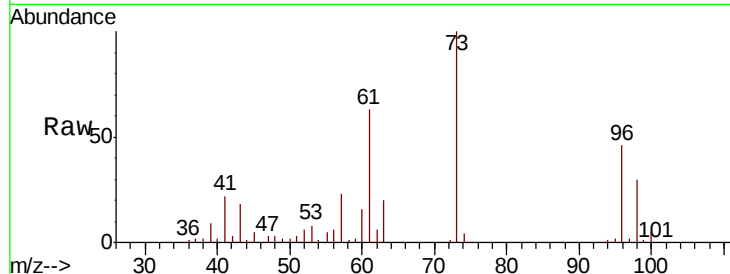




#19  
Methyl tert-butyl Ether  
Concen: 53.77 ug/l  
RT: 5.05 min Scan# 1075  
Delta R.T. -0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

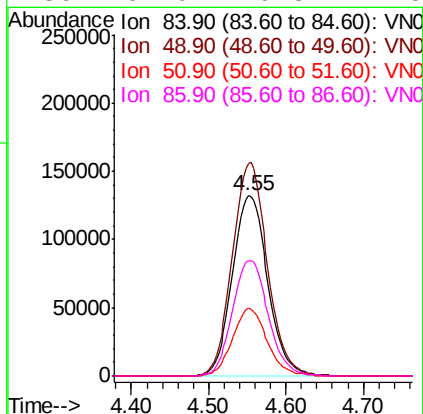
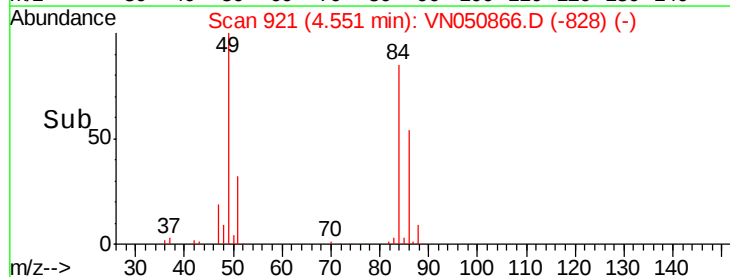
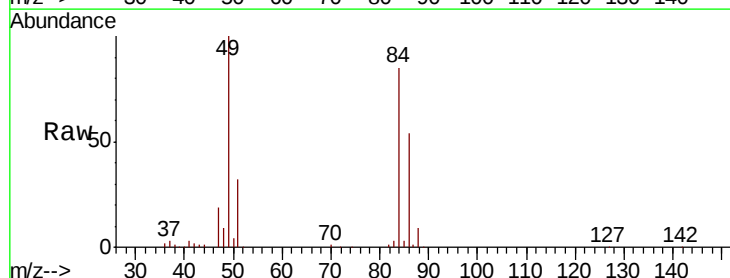
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

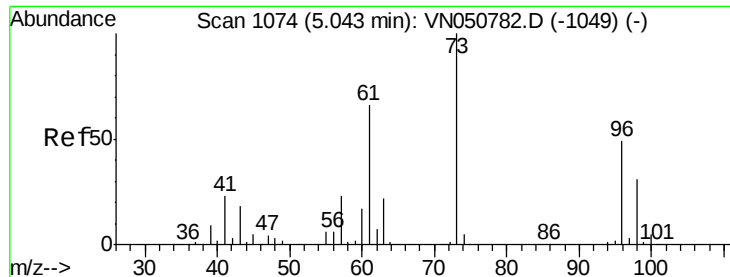
Tot Ion: 73 Resp: 998459  
Ion Ratio Lower Upper  
73 100  
57 22.7 17.8 26.8



#20  
Methylene Chloride  
Concen: 47.17 ug/l  
RT: 4.55 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

Tgt Ion: 84 Resp: 420699  
Ion Ratio Lower Upper  
84 100  
49 117.7 93.2 139.8  
51 37.4 29.0 43.6  
86 64.0 49.8 74.8

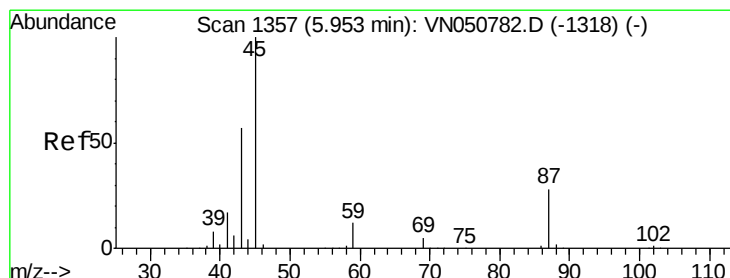
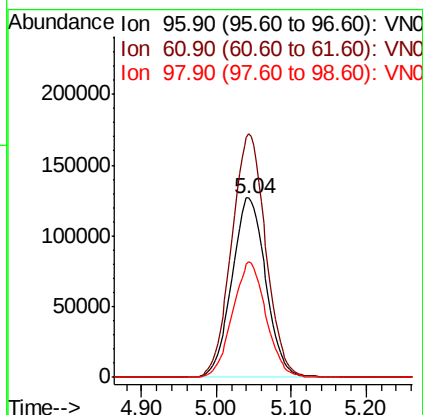
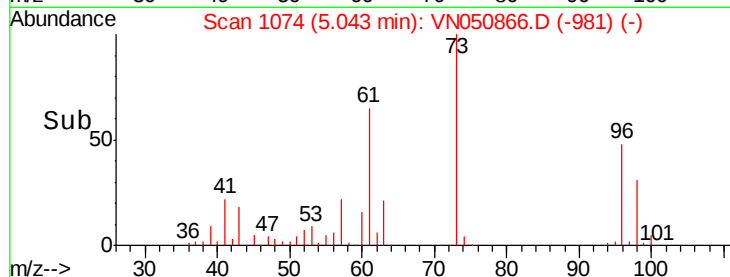
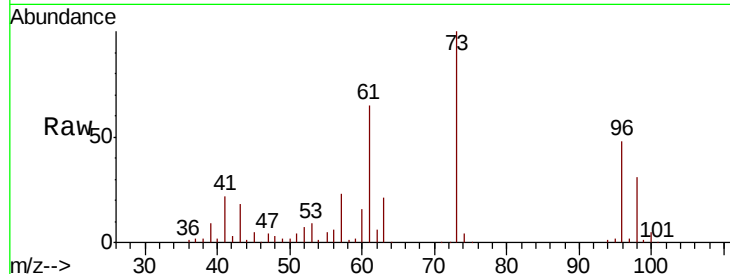




#21  
trans-1,2-Dichloroethene  
Concen: 50.01 ug/l  
RT: 5.04 min Scan# 1074  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

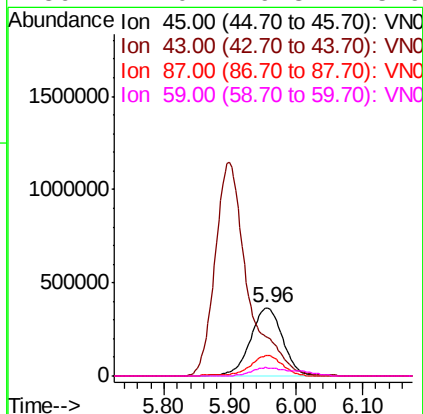
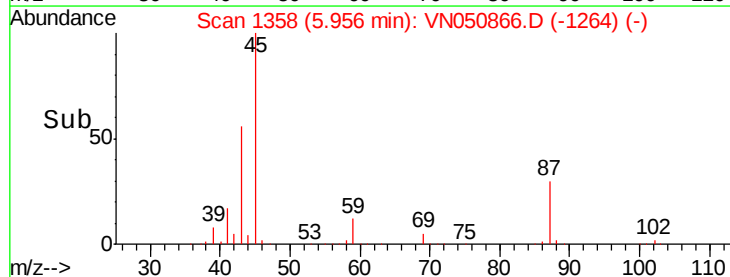
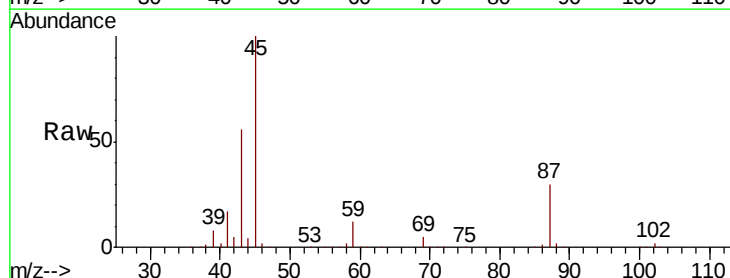
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

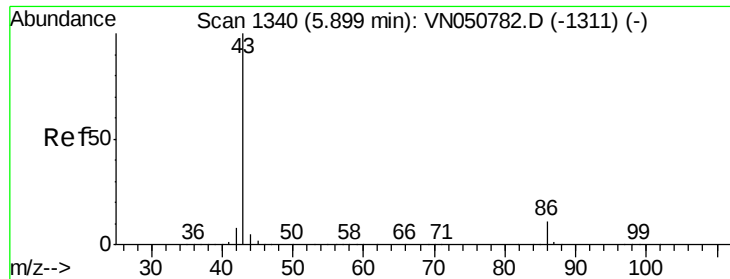
Tot Ion: 96 Resp: 399278  
Ion Ratio Lower Upper  
96 100  
61 135.6 107.4 161.0  
98 64.4 50.7 76.1



#22  
Diisopropyl ether  
Concen: 53.92 ug/l  
RT: 5.96 min Scan# 1358  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

Tgt Ion: 45 Resp: 1236060  
Ion Ratio Lower Upper  
45 100  
43 55.3 45.9 68.9  
87 29.7 22.7 34.1  
59 12.0 9.3 13.9





#23

Vinyl Acetate

Concen: 266.18 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

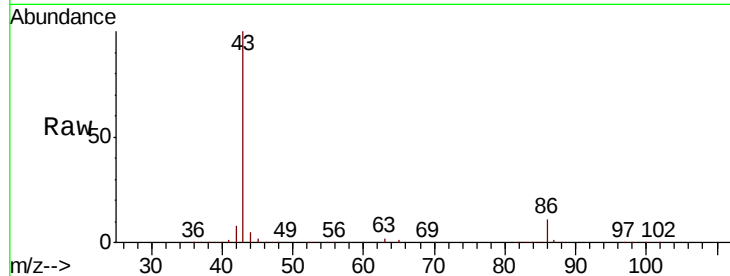
VSTDCCC050

Tot Ion: 43 Resp: 3929649

Ion Ratio Lower Upper

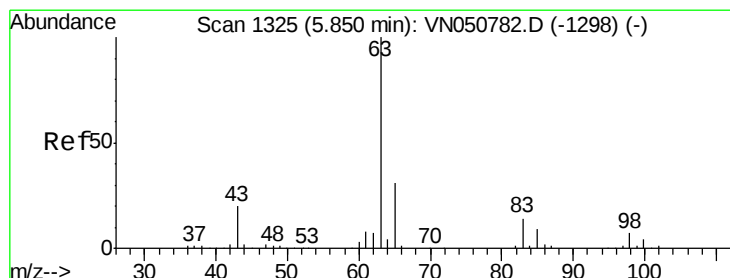
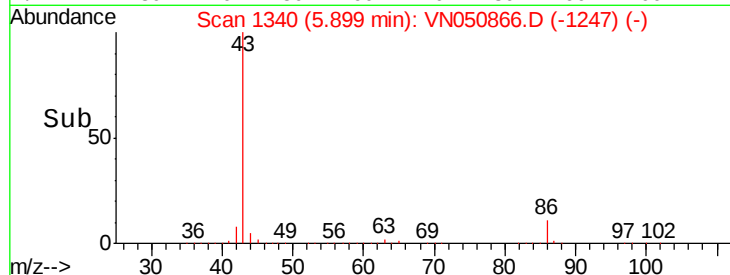
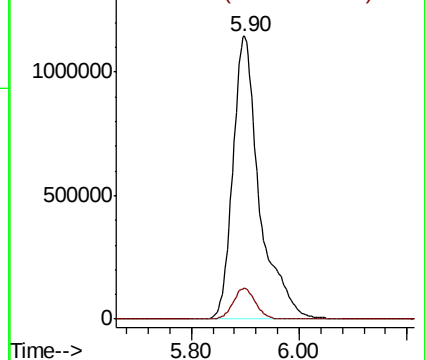
43 100

86 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.34 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

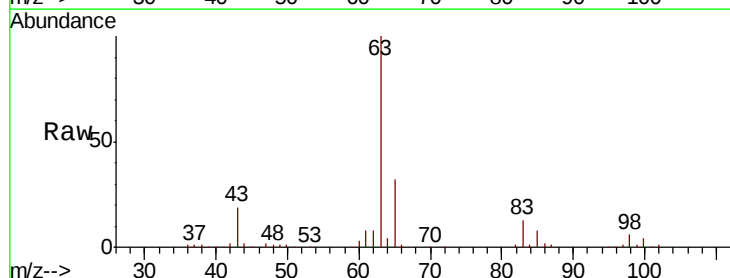
Tgt Ion: 63 Resp: 740816

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

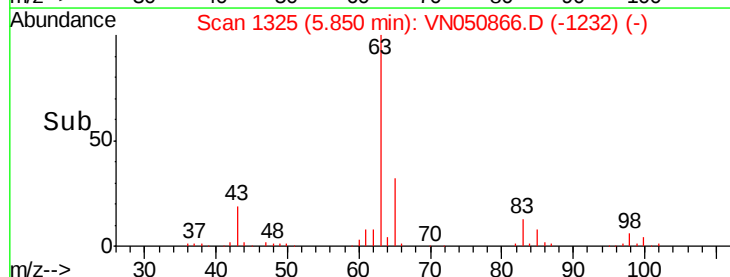
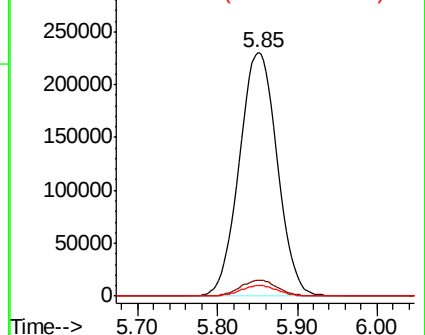
100 4.3 2.1 6.5

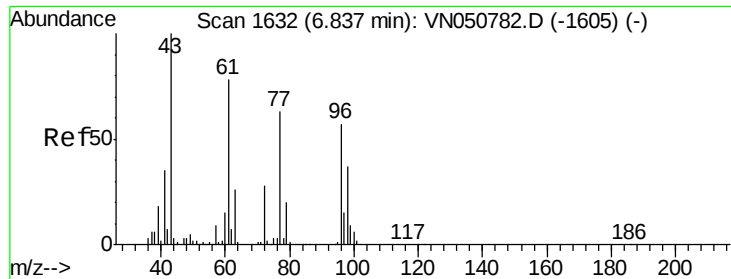


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 230.92 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

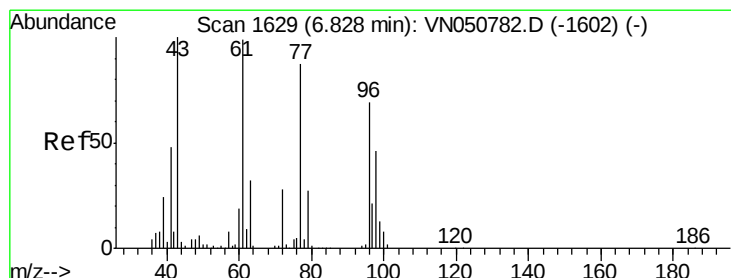
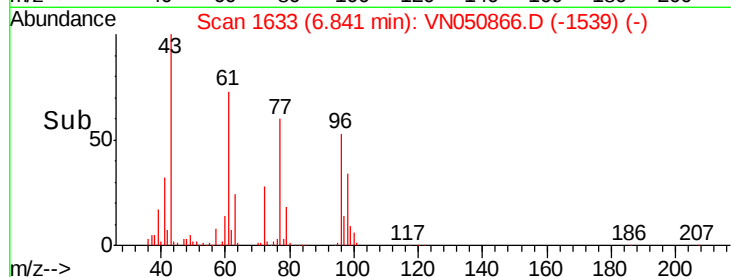
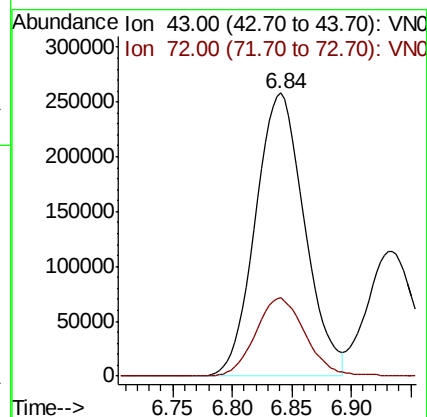
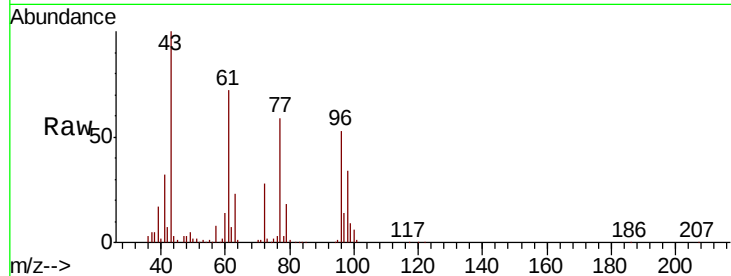
VSTDCCC050

Tot Ion: 43 Resp: 736342

Ion Ratio Lower Upper

43 100

72 27.6 22.3 33.5



#26

2,2-Dichloropropane

Concen: 50.23 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050866.D

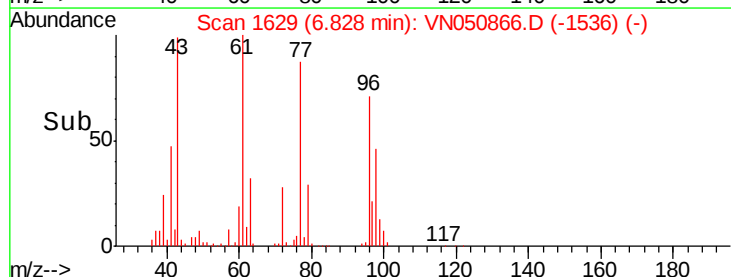
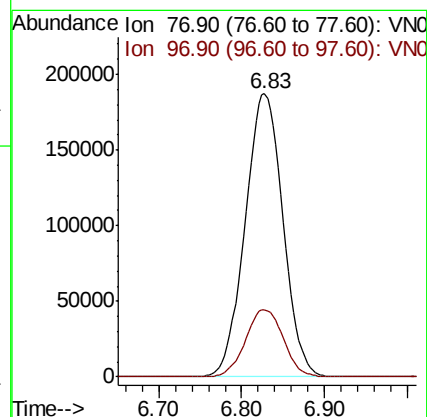
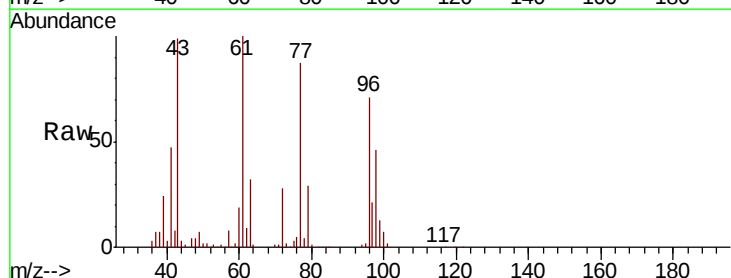
Acq: 24 Aug 2018 10:26

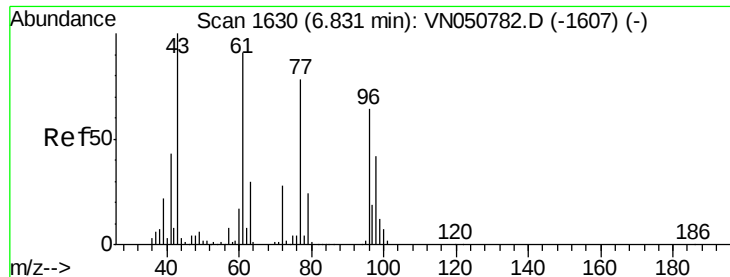
Tgt Ion: 77 Resp: 593959

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 51.87 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

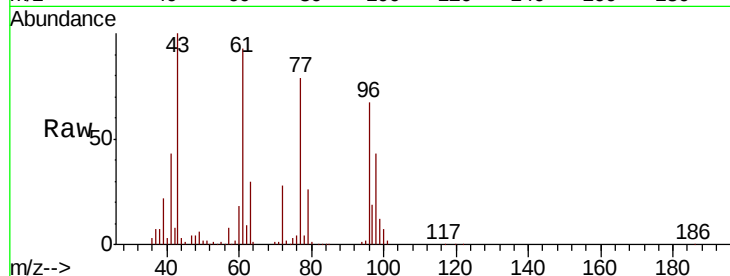
Tot Ion: 96 Resp: 446446

Ion Ratio Lower Upper

96 100

61 141.2 0.0 283.4

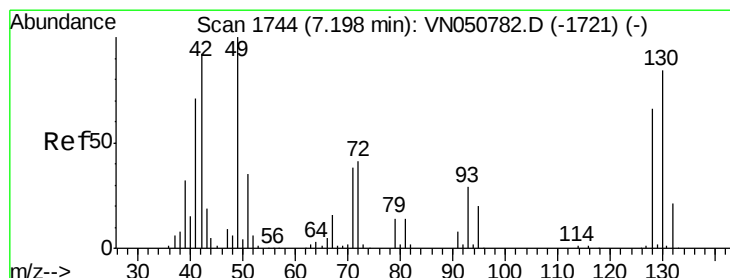
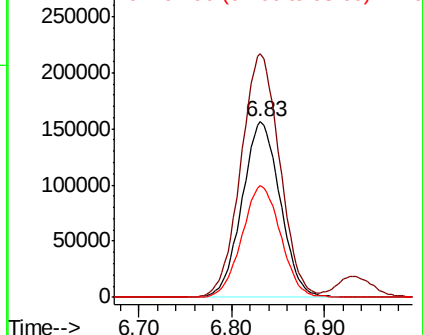
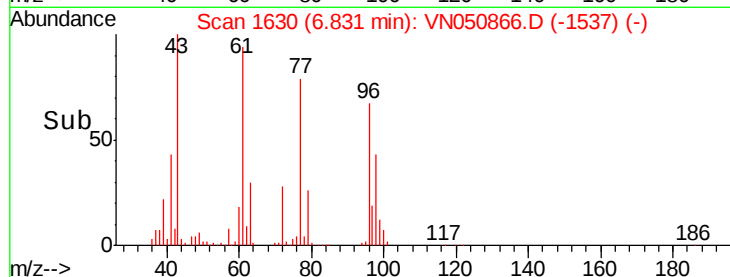
98 64.7 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN050866.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN050866.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN050866.D (-1537) (-)



#28

Bromochloromethane

Concen: 50.49 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

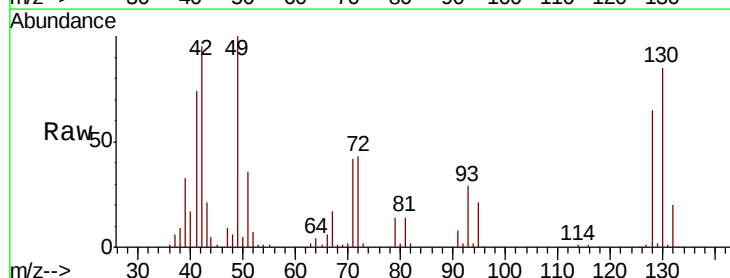
Tgt Ion: 49 Resp: 315738

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

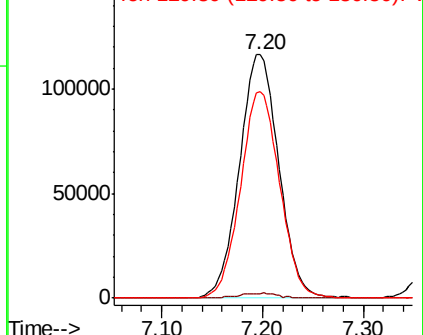
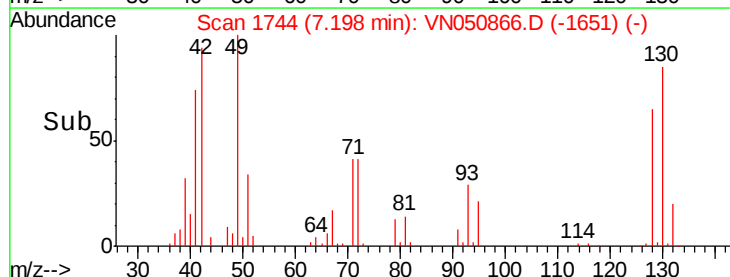
130 84.6 67.1 100.7

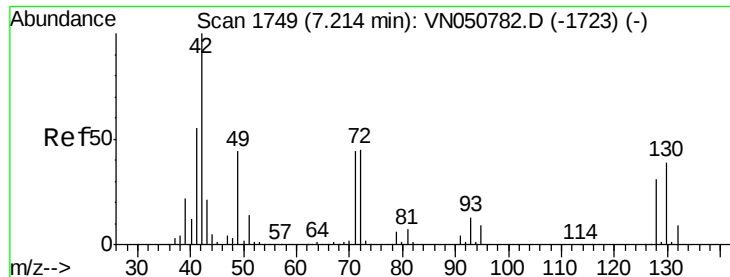


Abundance Ion 48.90 (48.60 to 49.60): VN050866.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN050866.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN050866.D (-1651) (-)





#29

Tetrahydrofuran

Concen: 264.19 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

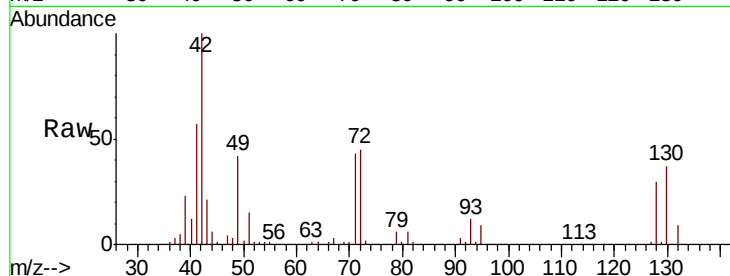
Tot Ion: 42 Resp: 482992

Ion Ratio Lower Upper

42 100

72 45.4 35.5 53.3

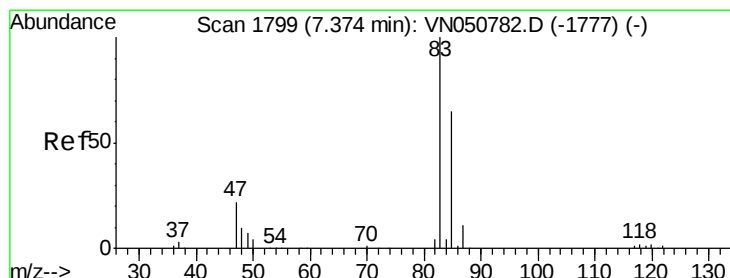
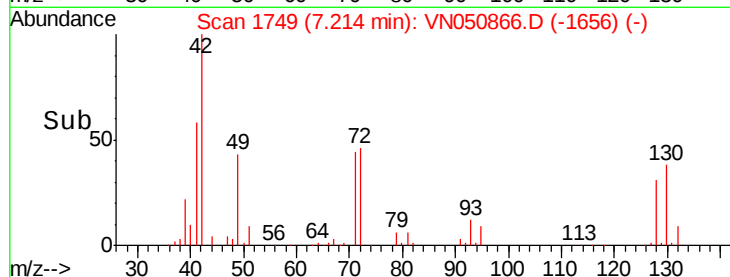
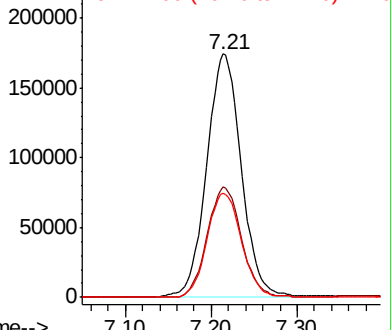
71 43.1 33.7 50.5



Abundance Ion 42.00 (41.70 to 42.70): VN050782.D (-1723) (-)

Ion 72.00 (71.70 to 72.70): VN050782.D (-1723) (-)

Ion 71.00 (70.70 to 71.70): VN050782.D (-1723) (-)



#30

Chloroform

Concen: 49.75 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN050866.D

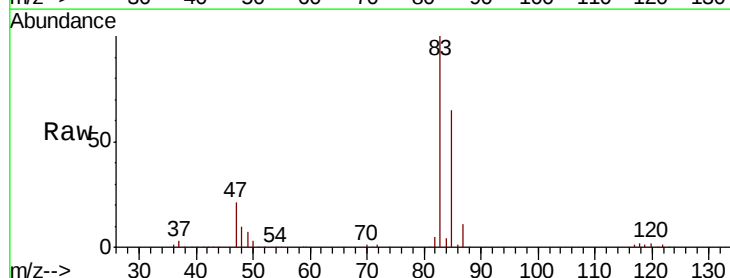
Acq: 24 Aug 2018 10:26

Tgt Ion: 83 Resp: 725028

Ion Ratio Lower Upper

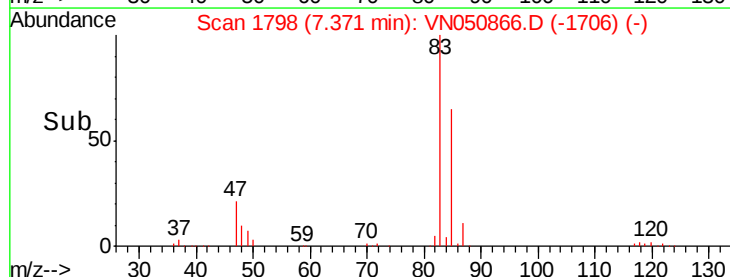
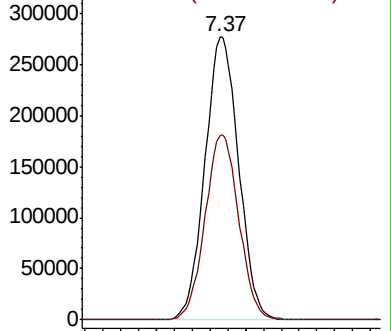
83 100

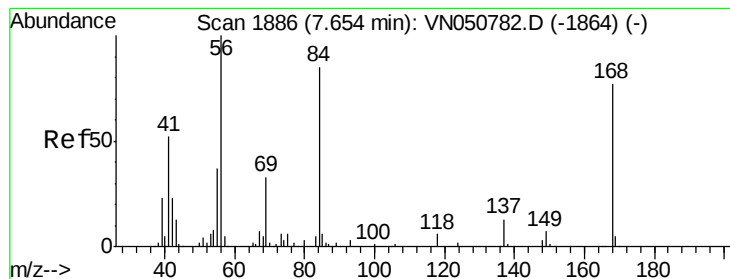
85 65.1 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN050782.D (-1777) (-)

Ion 84.90 (84.60 to 85.60): VN050782.D (-1777) (-)





#31

Cyclohexane

Concen: 49.59 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

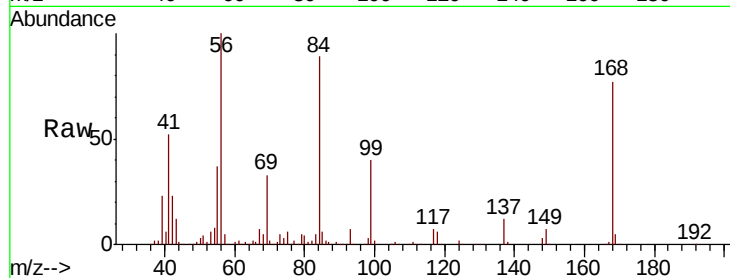
Tot Ion: 56 Resp: 663272

Ion Ratio Lower Upper

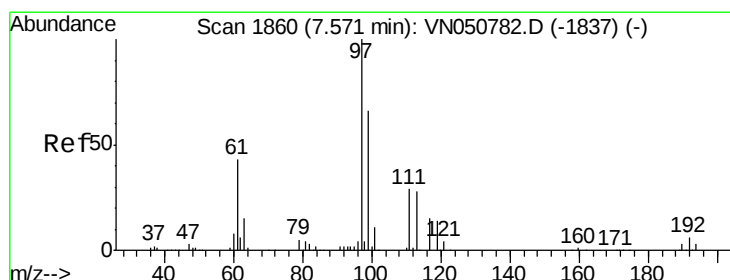
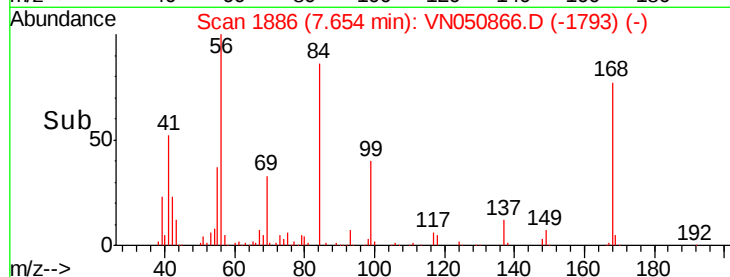
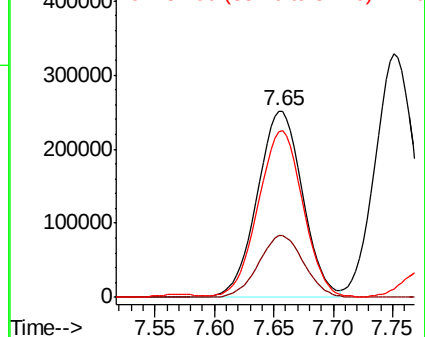
56 100

69 33.0 26.2 39.4

84 87.8 68.3 102.5



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: 50.25 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

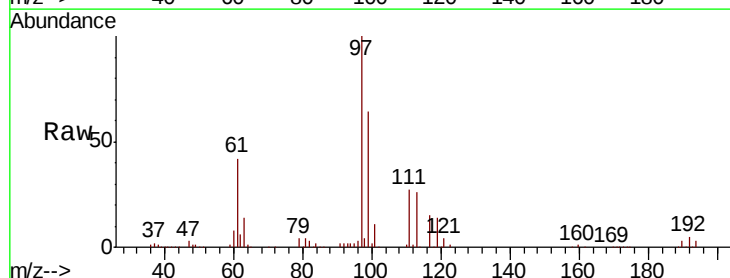
Tgt Ion: 97 Resp: 629060

Ion Ratio Lower Upper

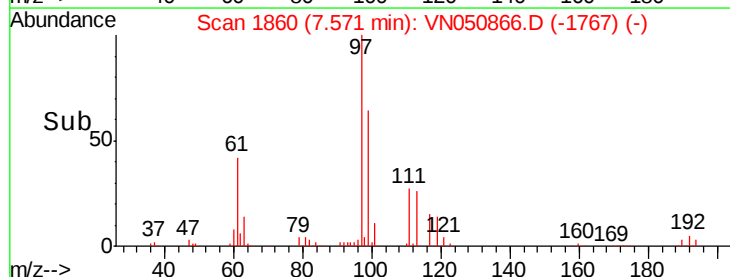
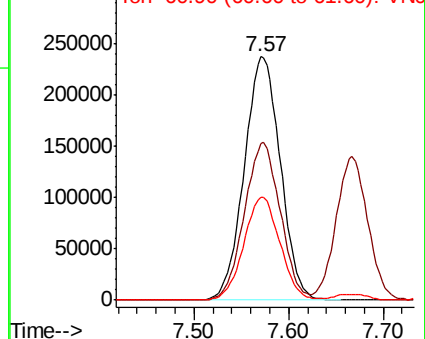
97 100

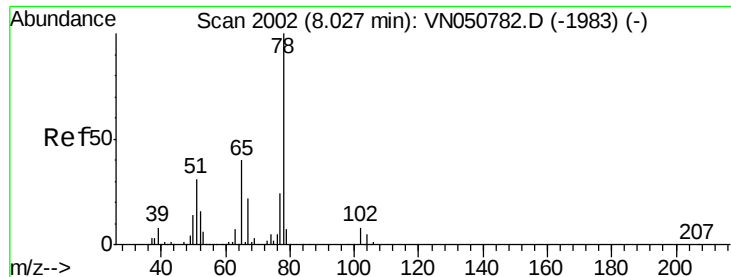
99 64.1 51.8 77.6

61 42.3 34.9 52.3



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

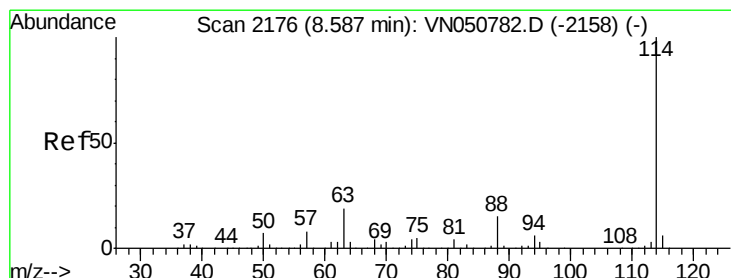
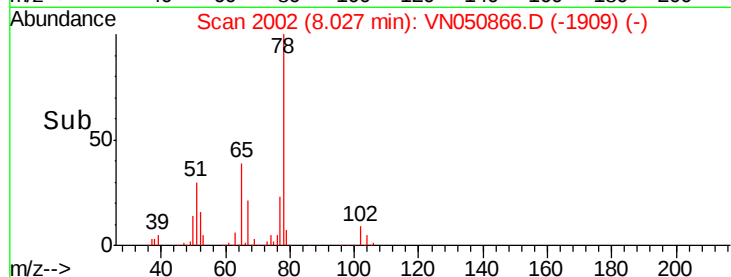
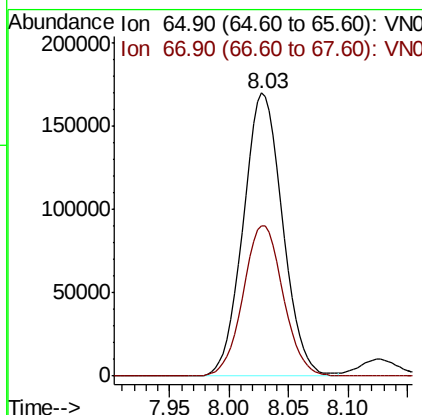
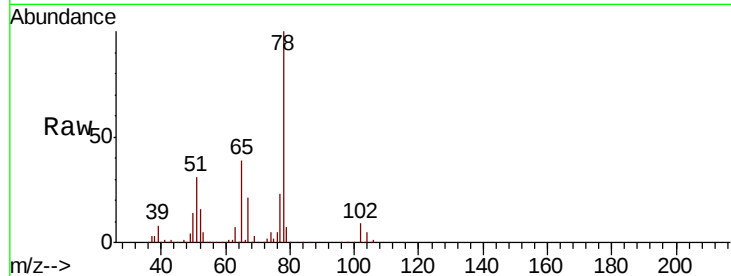




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.29 ug/l  
 RT: 8.03 min Scan# 2002  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

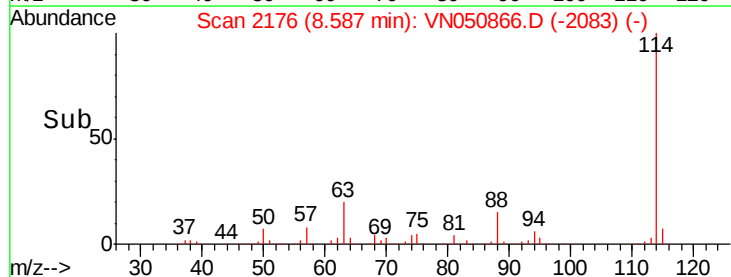
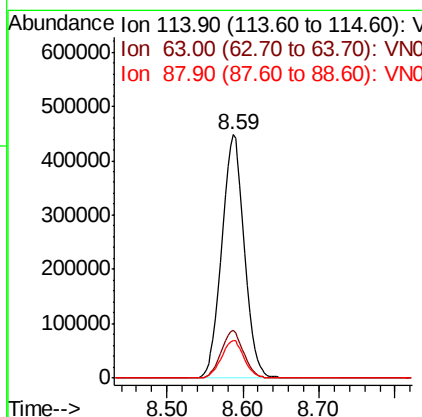
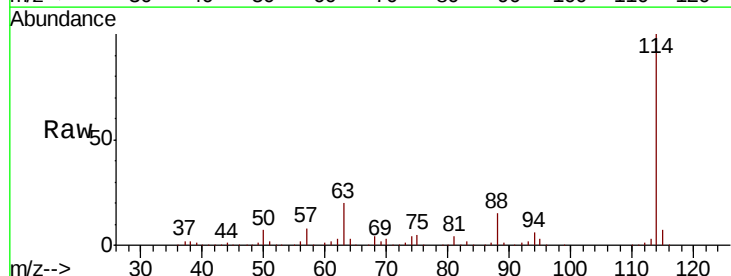
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

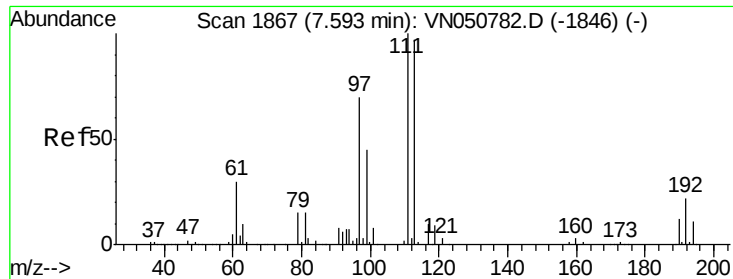
Tot Ion: 65 Resp: 390018  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 110.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

Tgt Ion: 114 Resp: 927686  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 38.6  
 88 15.5 0.0 30.6

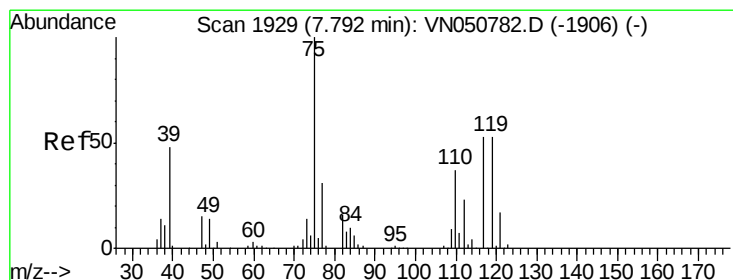
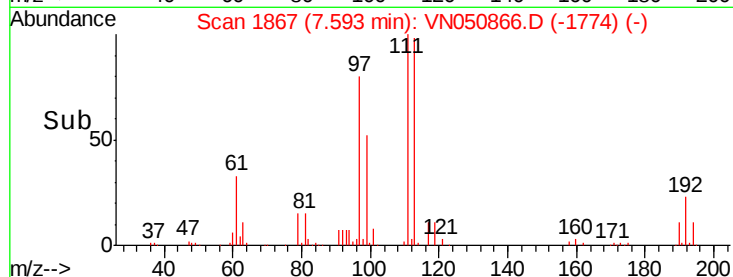
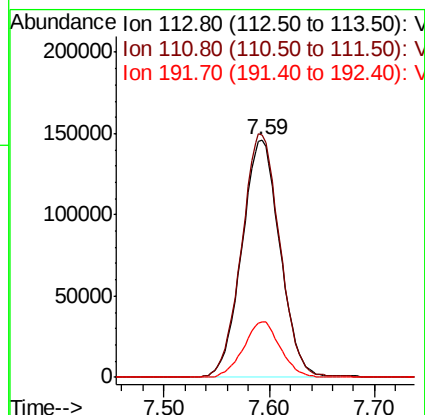
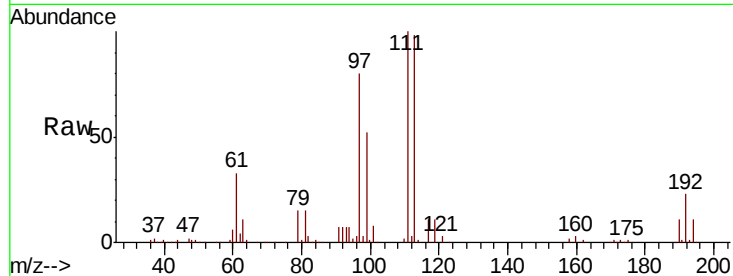




#35  
 Dibromofluoromethane  
 Concen: 49.80 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

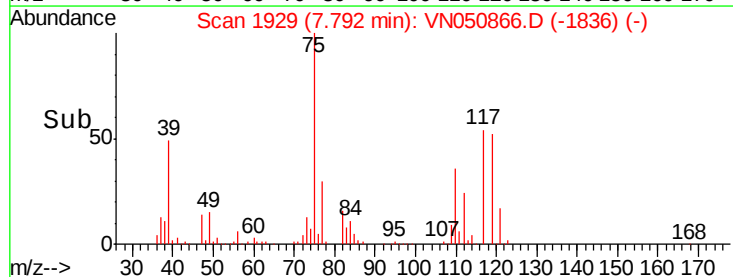
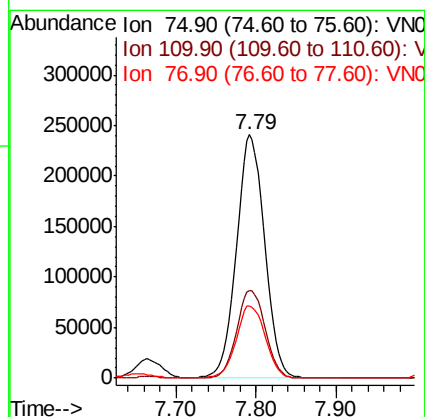
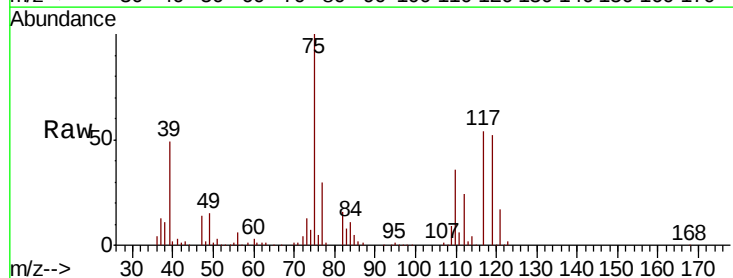
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

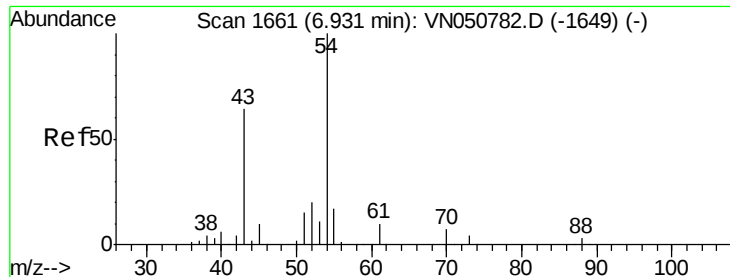
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.0 | 82.6  | 123.8 |
| 192     | 22.5  | 18.0  | 27.0  |



#36  
 1,1-Dichloropropene  
 Concen: 52.11 ug/l  
 RT: 7.79 min Scan# 1929  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.5  | 18.1  | 54.4  |
| 77      | 30.8  | 24.8  | 37.2  |

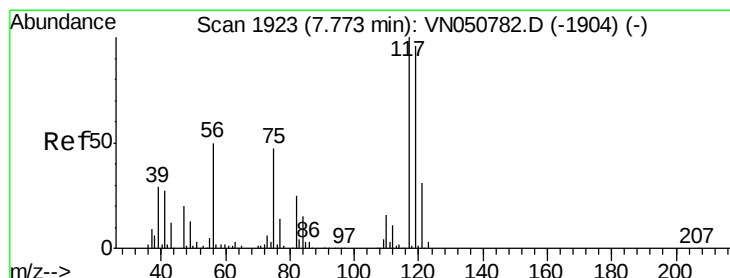
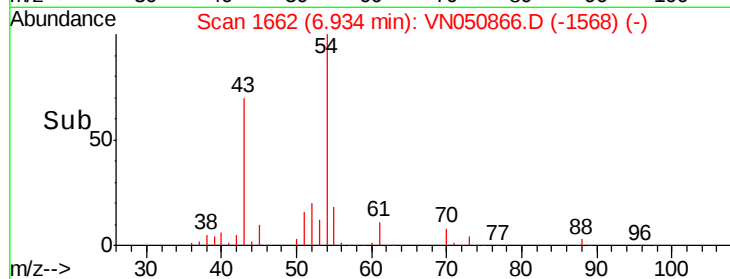
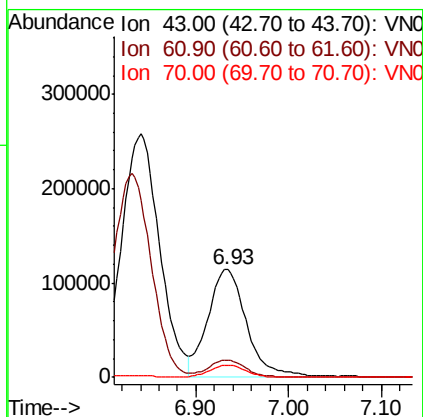
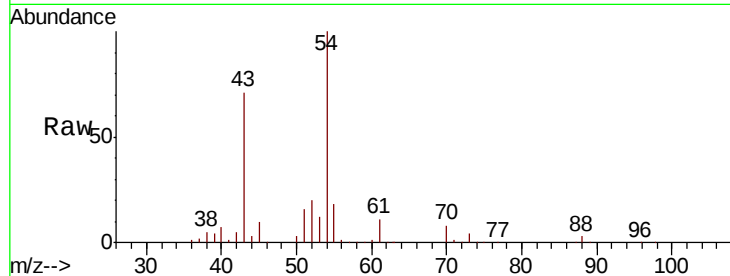




#37  
Ethyl Acetate  
Concen: 52.01 ug/l  
RT: 6.93 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

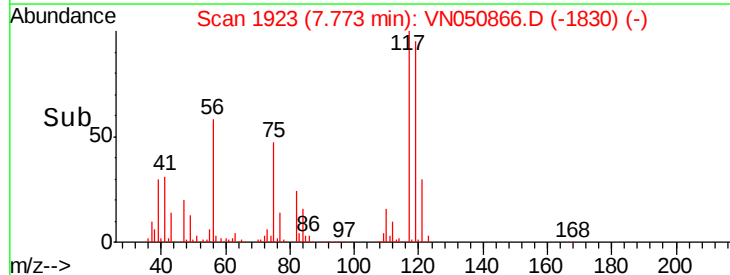
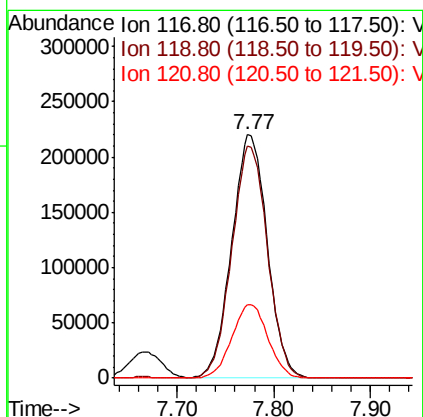
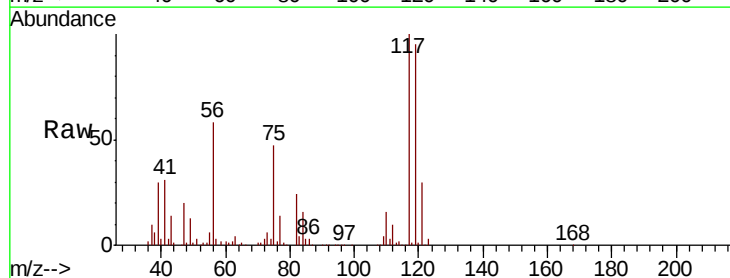
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

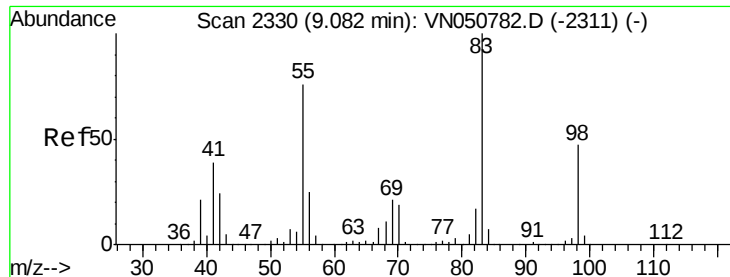
Tot Ion: 43 Resp: 327077  
Ion Ratio Lower Upper  
43 100  
61 15.3 12.0 18.0  
70 10.9 8.6 13.0



#38  
Carbon Tetrachloride  
Concen: 50.81 ug/l  
RT: 7.77 min Scan# 1923  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

Tgt Ion: 117 Resp: 562204  
Ion Ratio Lower Upper  
117 100  
119 95.1 76.3 114.5  
121 30.3 24.6 36.8

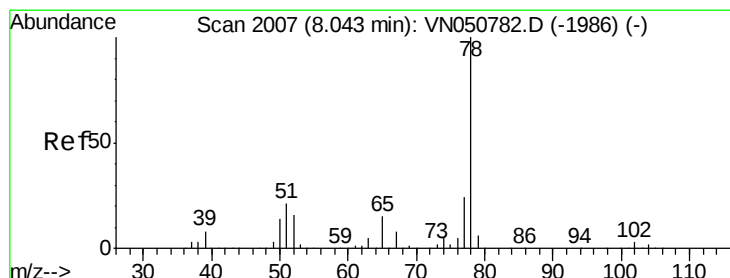
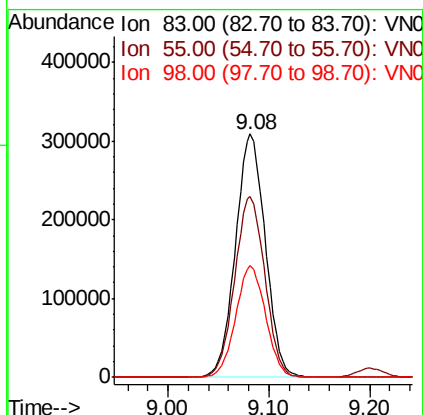
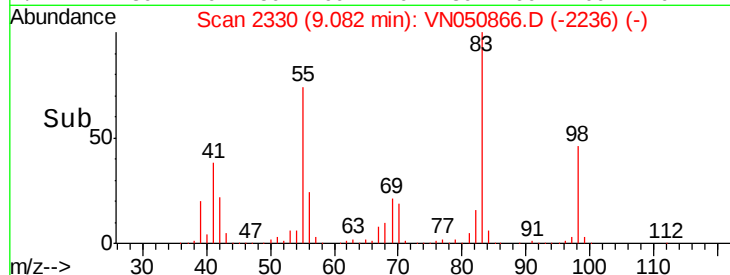
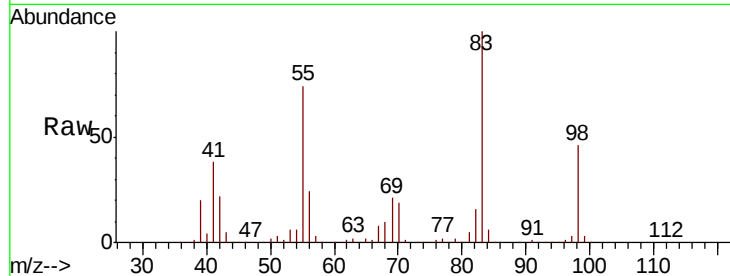




#39  
Methvlcvclohexane  
Concen: 53.44 ug/l  
RT: 9.08 min Scan# 2330  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

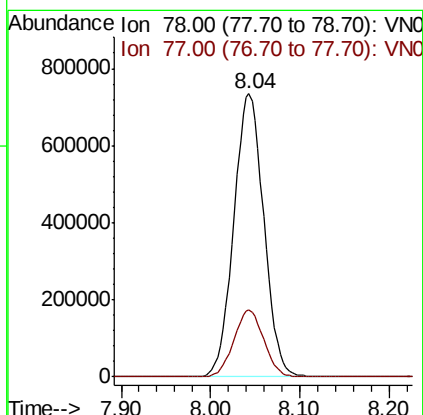
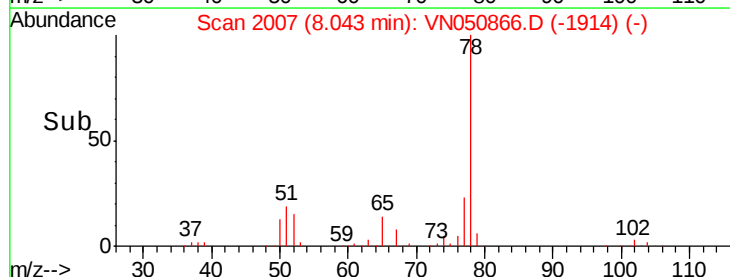
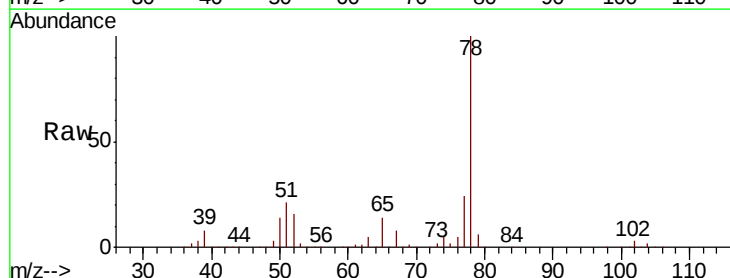
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

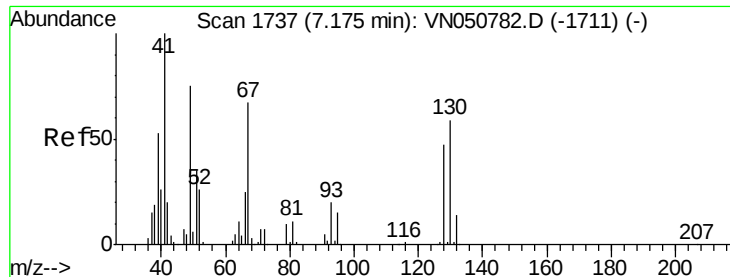
Tot Ion: 83 Resp: 632880  
Ion Ratio Lower Upper  
83 100  
55 74.4 61.0 91.4  
98 45.7 37.5 56.3



#40  
Benzene  
Concen: 51.86 ug/l  
RT: 8.04 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

Tgt Ion: 78 Resp: 1712088  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.0 28.4

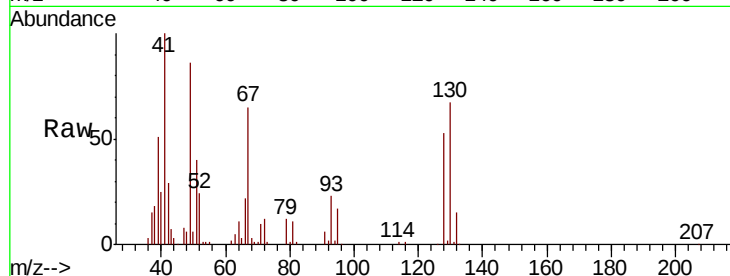




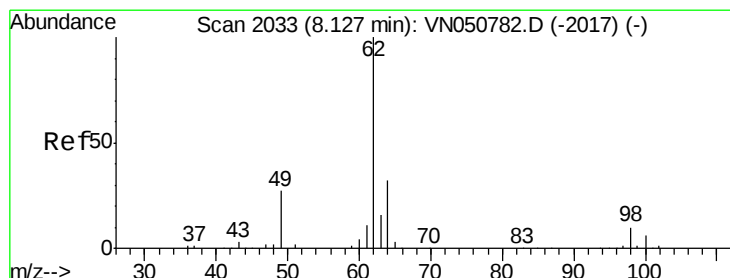
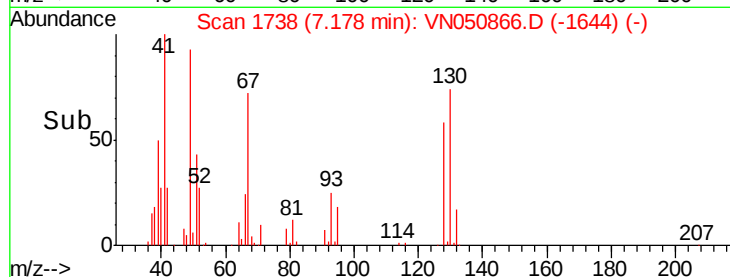
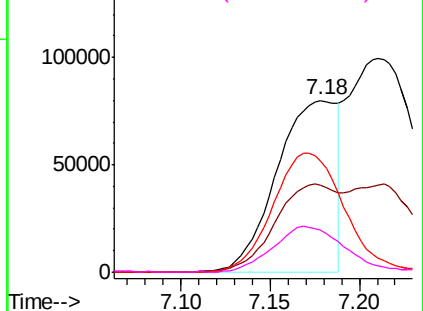
#41  
Methacrylonitrile  
Concen: 55.04 ug/l  
RT: 7.18 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 41 Resp: 187317  
Ion Ratio Lower Upper  
41 100  
39 54.8 45.4 68.0  
67 83.2 70.6 106.0  
52 31.3 27.1 40.7

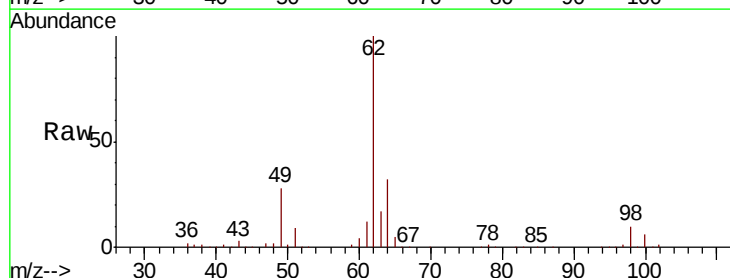


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

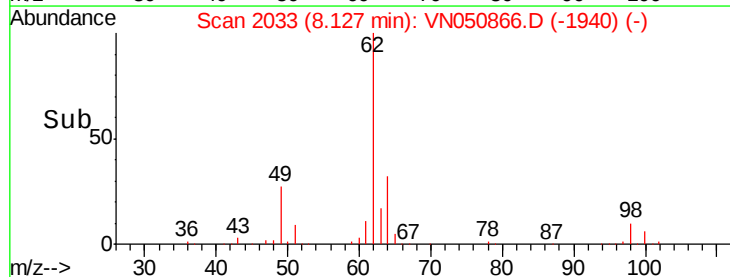
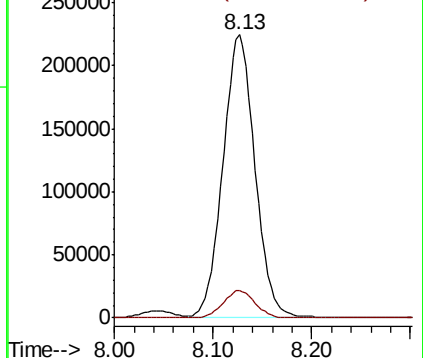


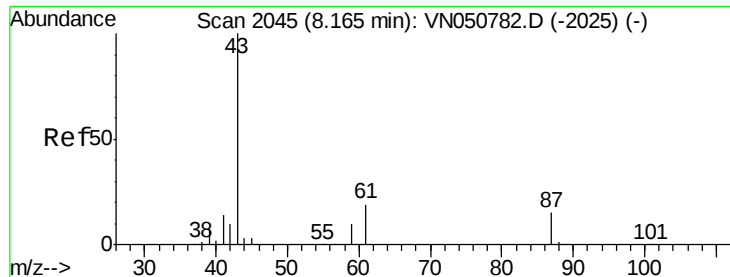
#42  
1,2-Dichloroethane  
Concen: 51.45 ug/l  
RT: 8.13 min Scan# 2033  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

Tgt Ion: 62 Resp: 507762  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 19.6



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





#43

Isopropyl Acetate

Concen: 53.55 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

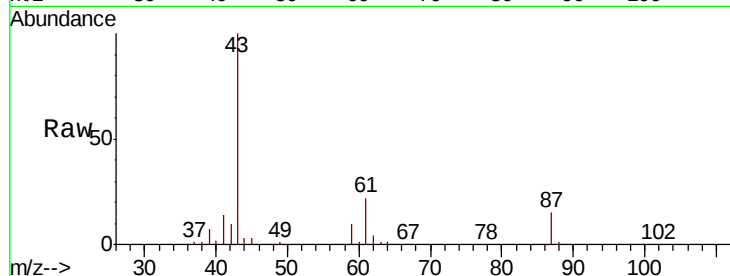
MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 578953

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 31.0  | 17.5  | 26.3# |
| 87  | 14.2  | 11.3  | 16.9  |

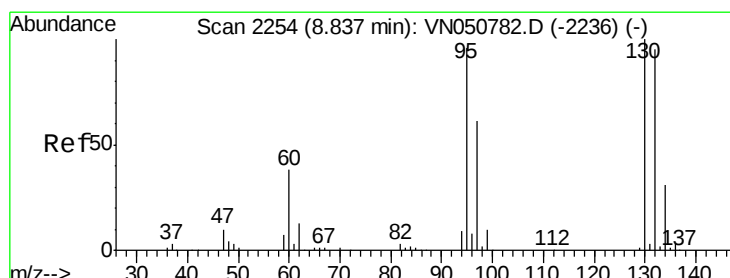
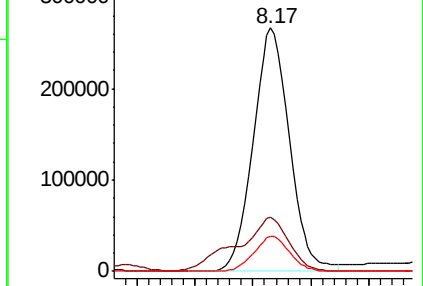
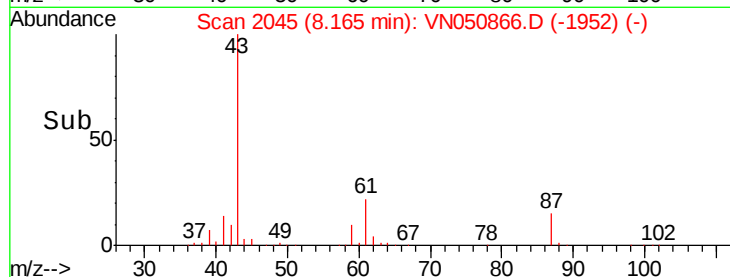


Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN050782.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN050782.D (-2025) (-)

Time-->



#44

Trichloroethene

Concen: 51.36 ug/l

RT: 8.84 min Scan# 2254

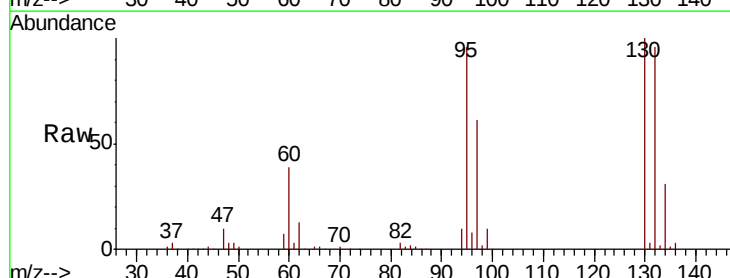
Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Tgt Ion: 130 Resp: 447154

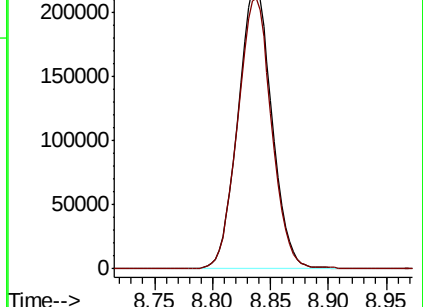
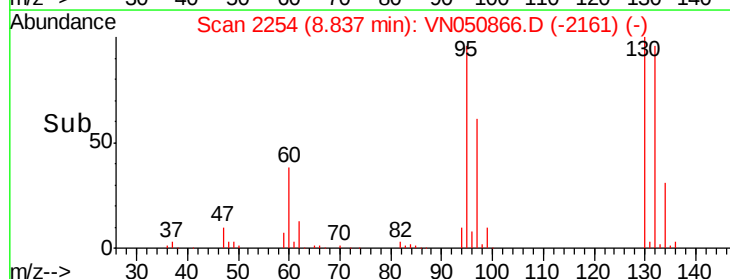
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 95.7  | 0.0   | 193.0 |

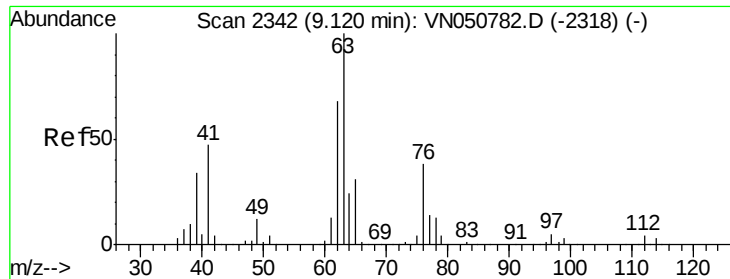


Abundance Ion 129.80 (129.50 to 130.50): VN050782.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN050782.D (-2236) (-)

Time-->

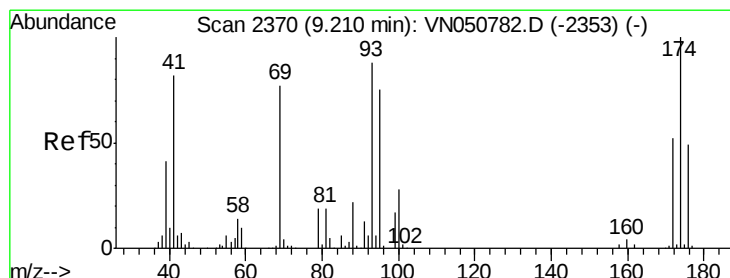
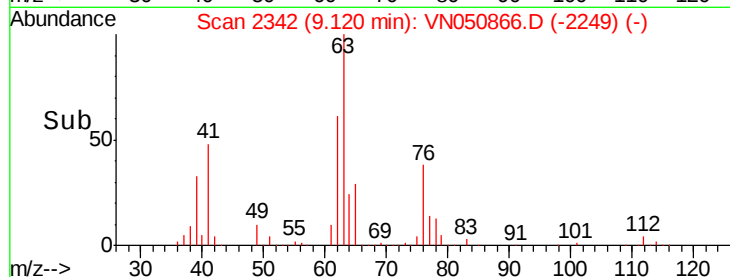
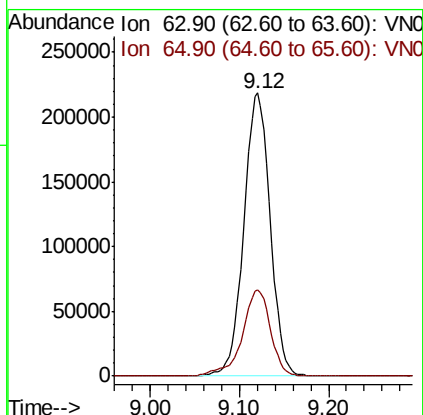
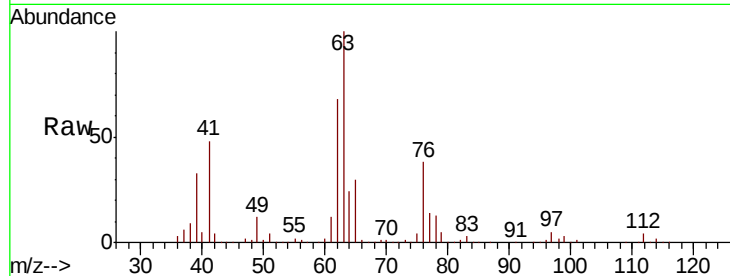




#45  
 1,2-Dichloropropane  
 Concen: 51.79 ug/l  
 RT: 9.12 min Scan# 2342  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

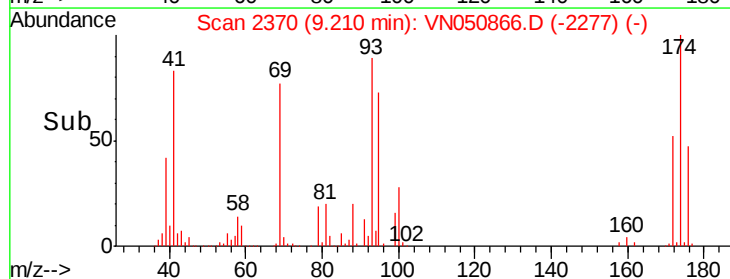
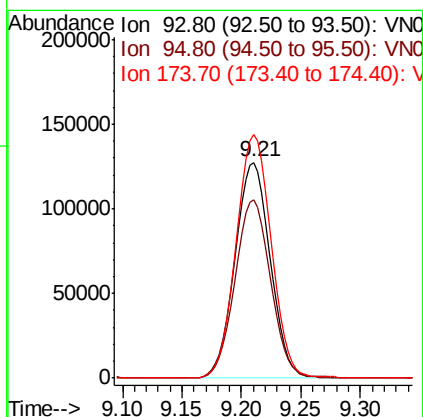
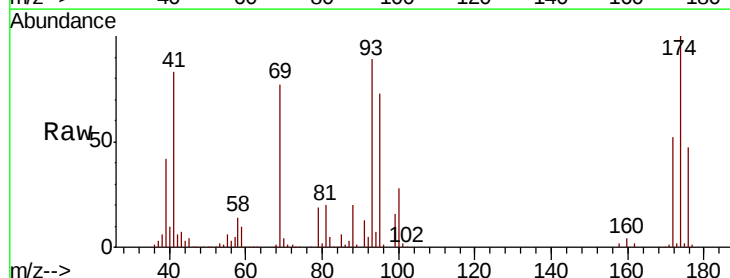
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

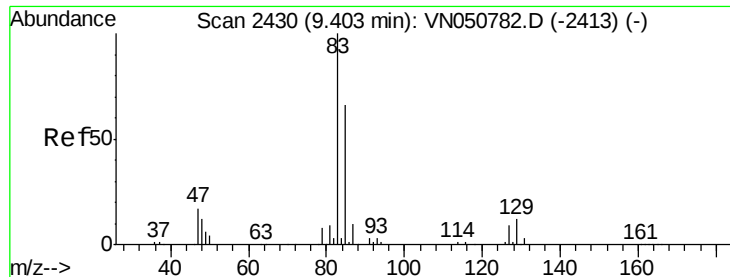
Tot Ion: 63 Resp: 449321  
 Ion Ratio Lower Upper  
 63 100  
 65 30.4 25.0 37.6



#46  
 Dibromomethane  
 Concen: 51.40 ug/l  
 RT: 9.21 min Scan# 2370  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

Tgt Ion: 93 Resp: 262003  
 Ion Ratio Lower Upper  
 93 100  
 95 83.6 66.7 100.1  
 174 113.0 89.8 134.6





#47

Bromodichloromethane

Concen: 51.83 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

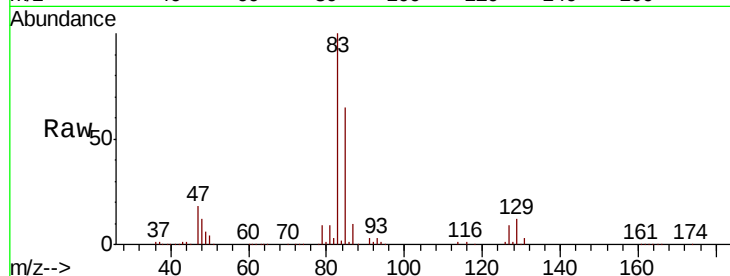
Tot Ion: 83 Resp: 553371

Ion Ratio Lower Upper

83 100

85 64.8 52.6 78.8

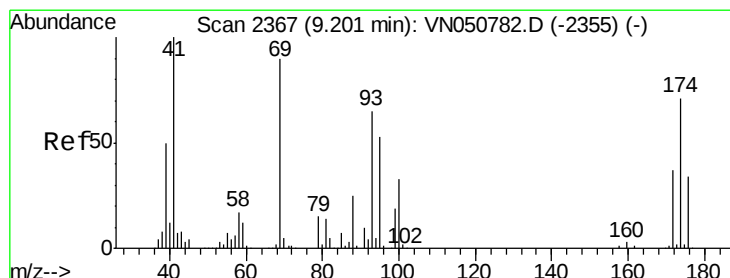
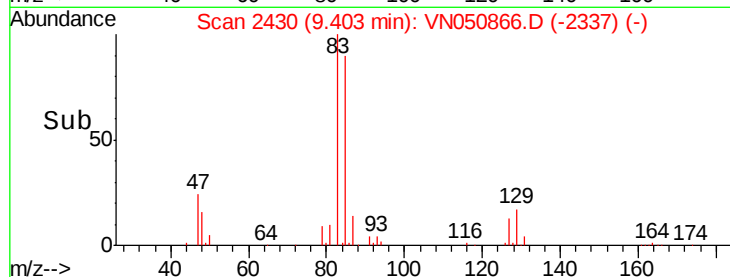
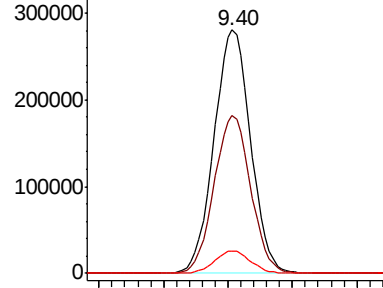
127 9.2 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN050866.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN050866.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN050866.D (-2337) (-)



#48

Methyl methacrylate

Concen: 54.04 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

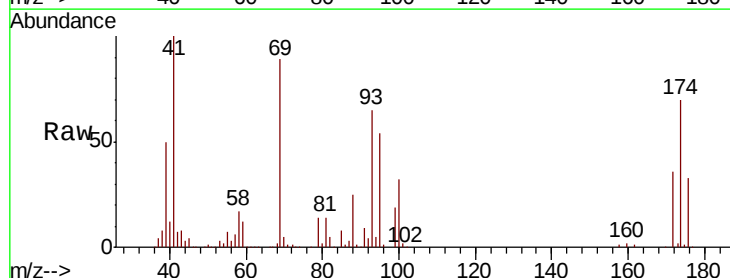
Tgt Ion: 41 Resp: 297801

Ion Ratio Lower Upper

41 100

69 93.7 74.7 112.1

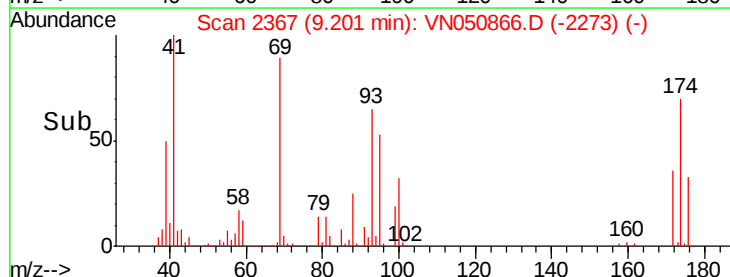
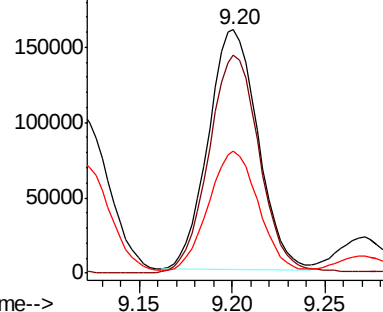
39 51.8 42.2 63.2

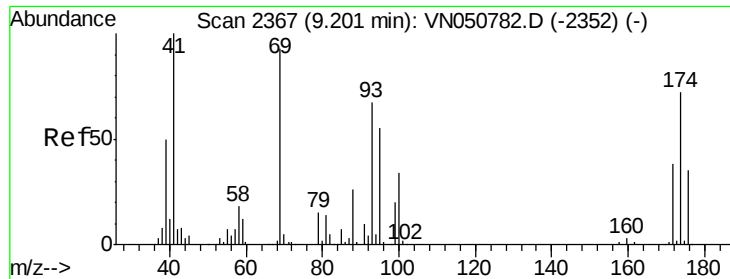


Abundance Ion 41.00 (40.70 to 41.70): VN050866.D (-2273) (-)

Ion 69.00 (68.70 to 69.70): VN050866.D (-2273) (-)

Ion 39.00 (38.70 to 39.70): VN050866.D (-2273) (-)





#49

1,4-Dioxane

Concen: 1058.37 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

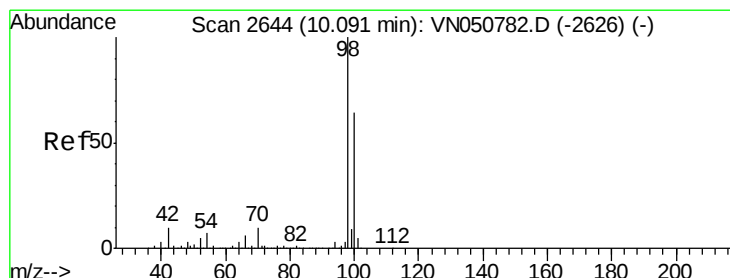
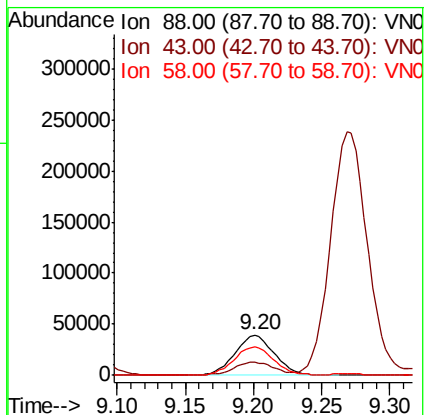
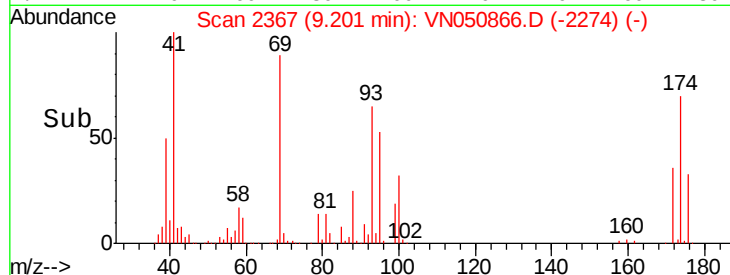
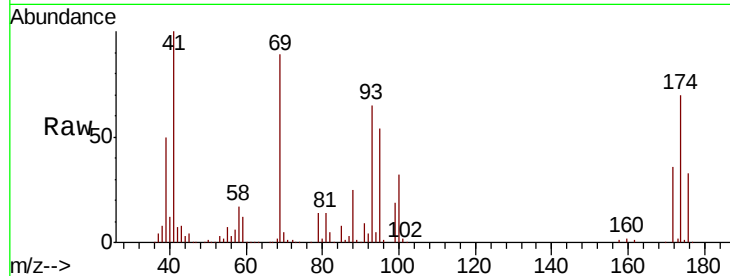
Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 88 Resp: 79502

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 30.9  | 25.9  | 38.9  |
| 58  | 71.3  | 55.0  | 82.4  |



#50

Toluene-d8

Concen: 51.18 ug/l

RT: 10.09 min Scan# 2644

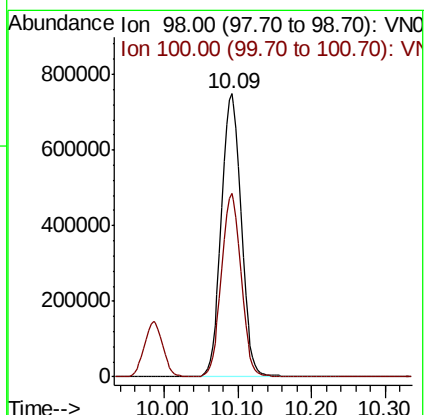
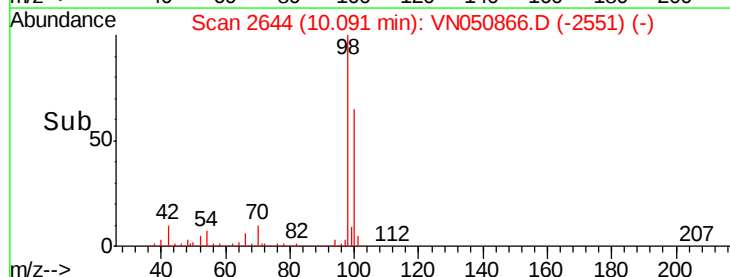
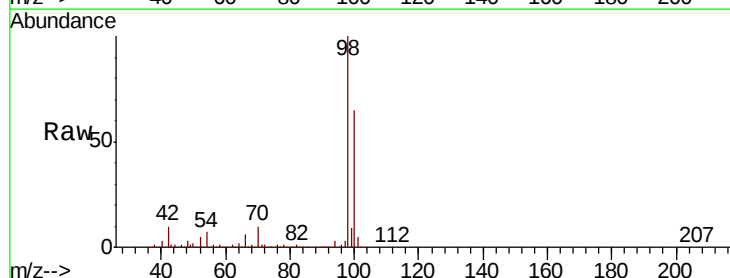
Delta R.T. 0.00 min

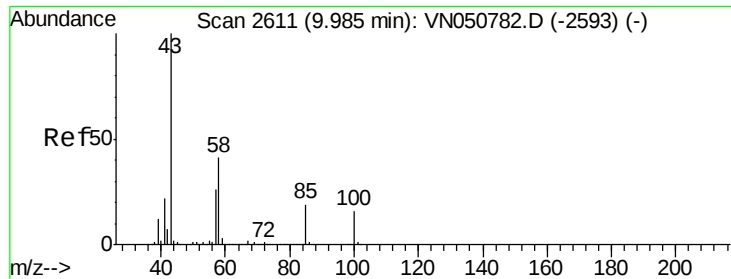
Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Tgt Ion: 98 Resp: 1412187

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.1  | 51.5  | 77.3  |





#51

4-Methyl-2-Pentanone

Concen: 254.16 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

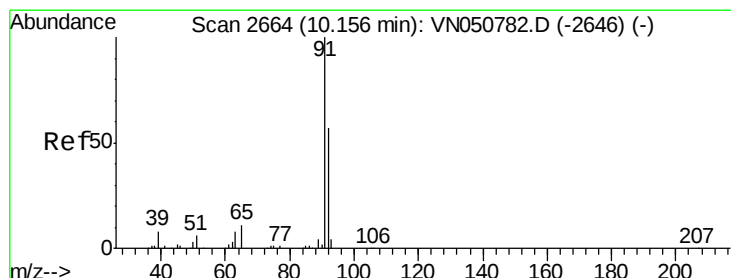
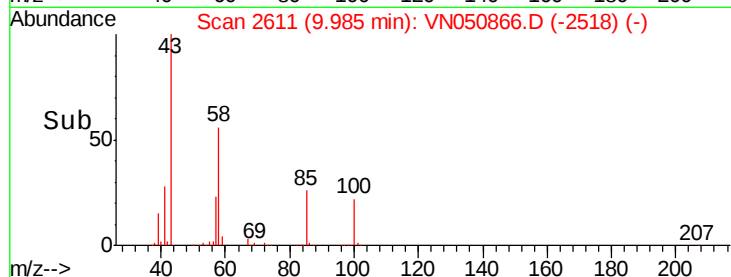
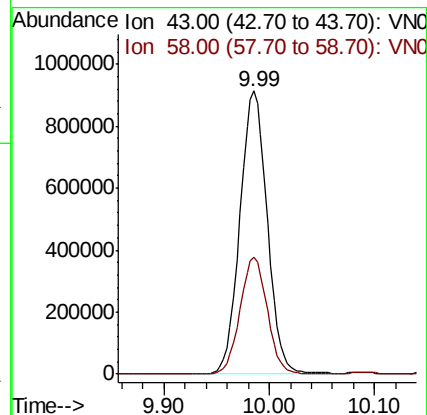
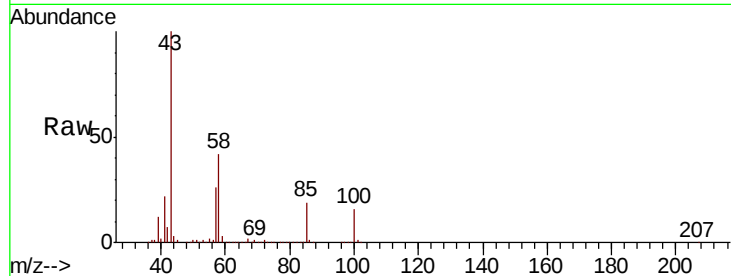
VSTDCCC050

Tot Ion: 43 Resp: 1639877

Ion Ratio Lower Upper

43 100

58 41.2 32.4 48.6



#52

Toluene

Concen: 53.83 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN050866.D

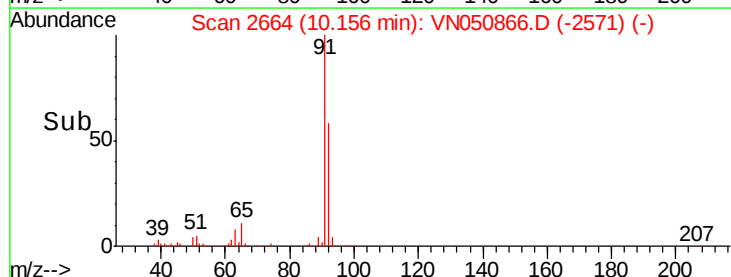
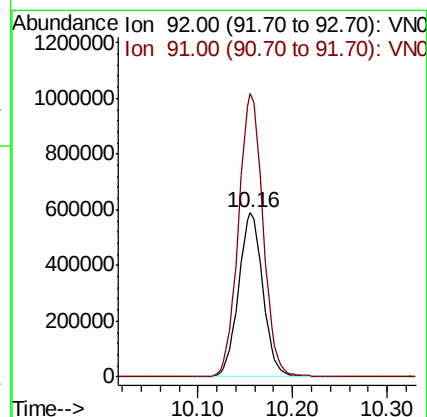
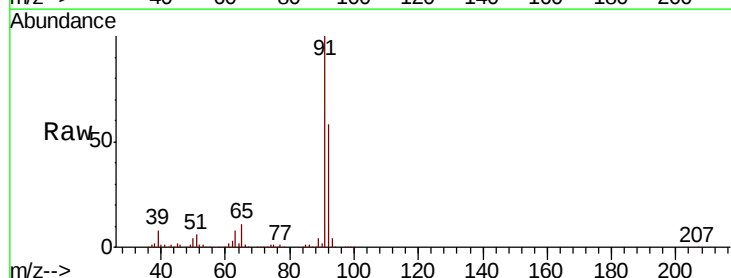
Acq: 24 Aug 2018 10:26

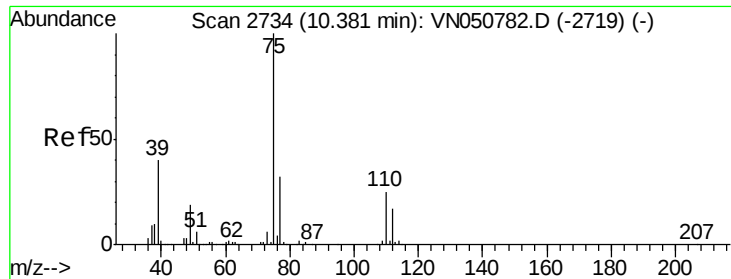
Tgt Ion: 92 Resp: 1052613

Ion Ratio Lower Upper

92 100

91 174.6 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 52.59 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

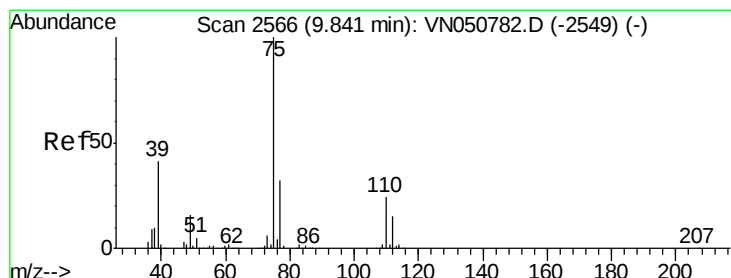
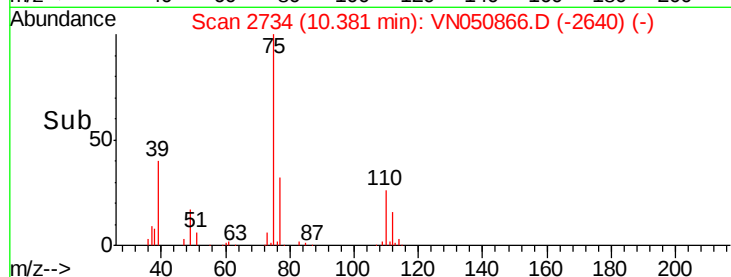
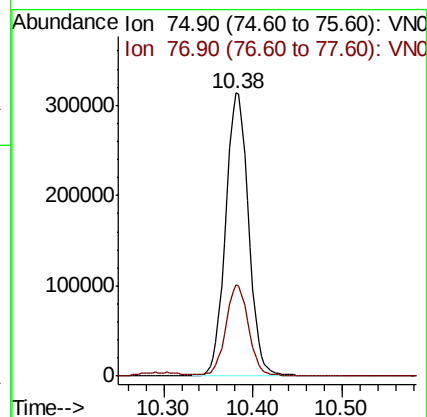
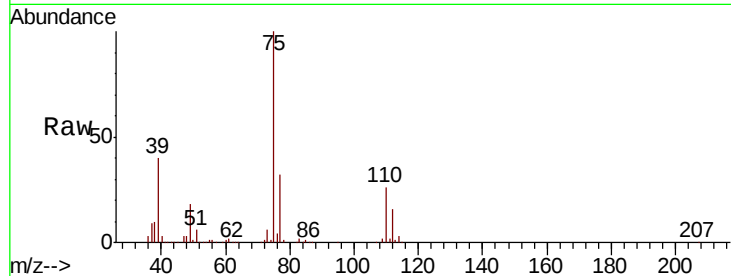
VSTDCCC050

Tot Ion: 75 Resp: 558928

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 54.07 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

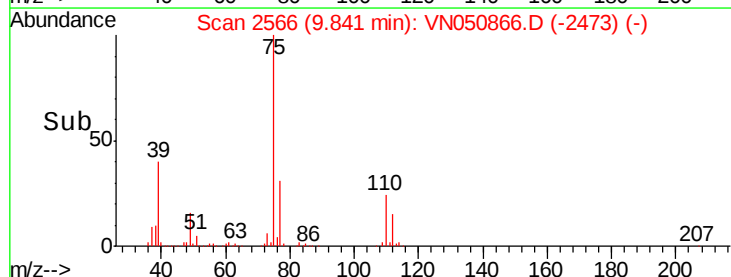
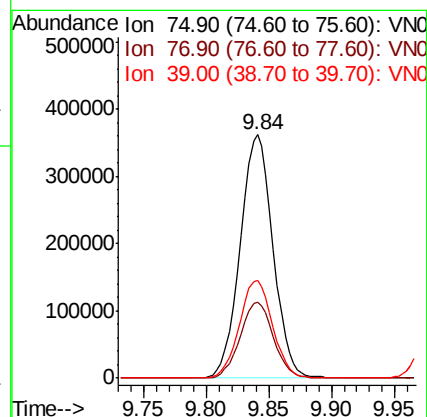
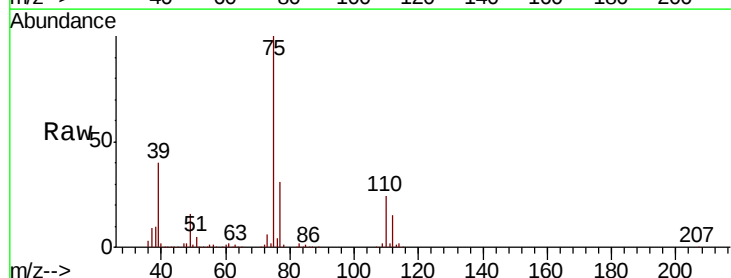
Tgt Ion: 75 Resp: 658076

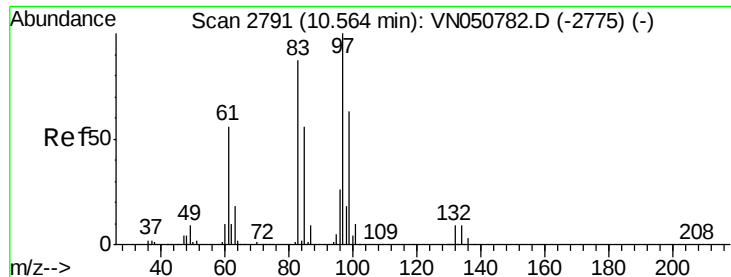
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2

39 39.8 33.0 49.4

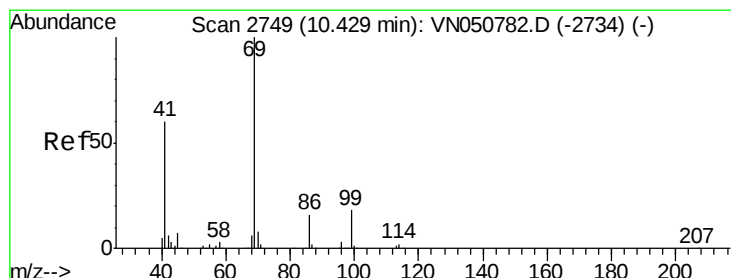
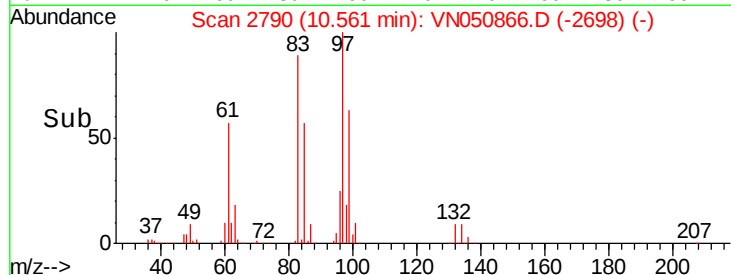
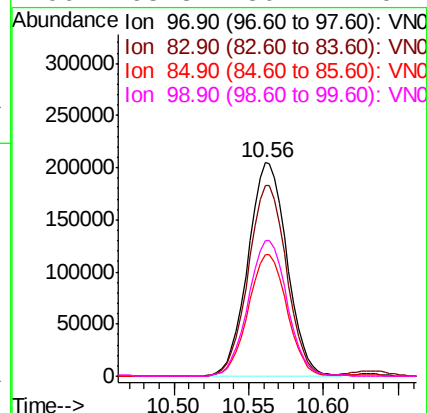
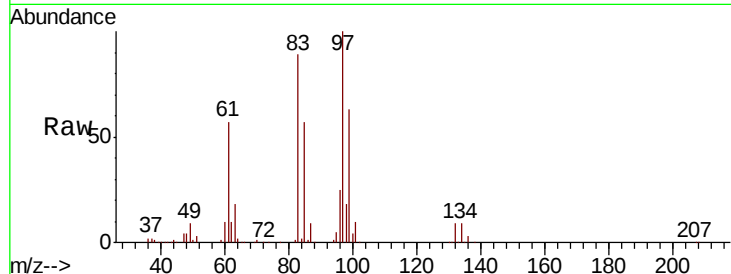




#55  
 1,1,2-Trichloroethane  
 Concen: 51.28 ug/l  
 RT: 10.56 min Scan# 2790  
 Delta R.T. -0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

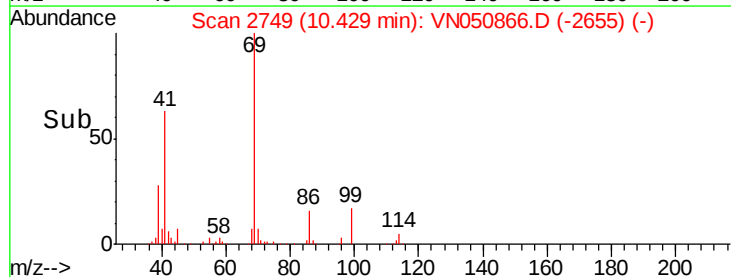
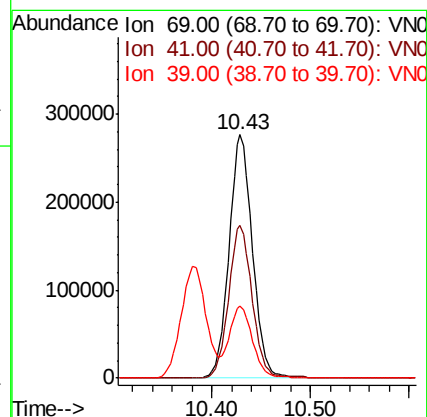
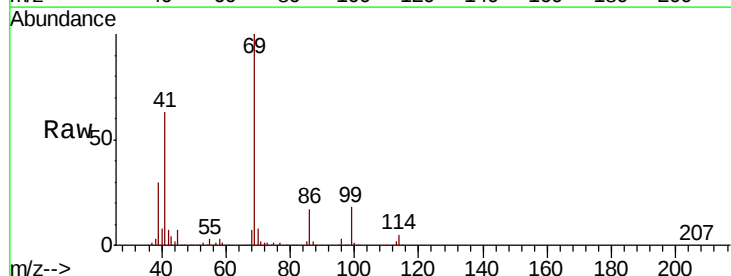
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

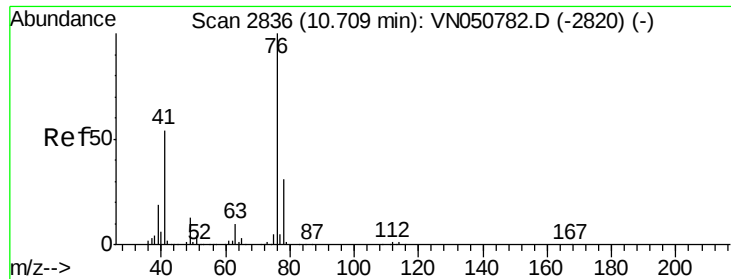
| Tot Ion | 97    | Resp  | 372159 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 97      | 100   |       |        |
| 83      | 89.2  | 69.7  | 104.5  |
| 85      | 56.9  | 44.5  | 66.7   |
| 99      | 63.3  | 50.7  | 76.1   |



#56  
 Ethyl methacrylate  
 Concen: 48.91 ug/l  
 RT: 10.43 min Scan# 2749  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

| Tgt Ion | 69    | Resp  | 461297 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 62.2  | 48.3  | 72.5   |
| 39      | 29.7  | 24.0  | 36.0   |

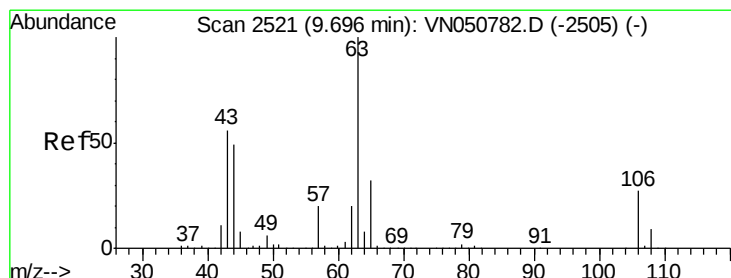
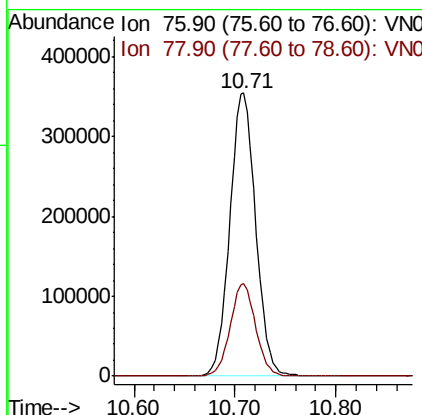
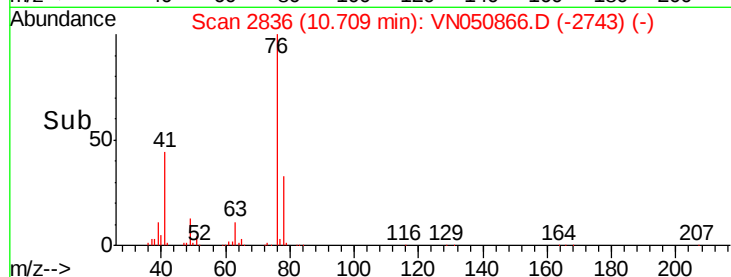
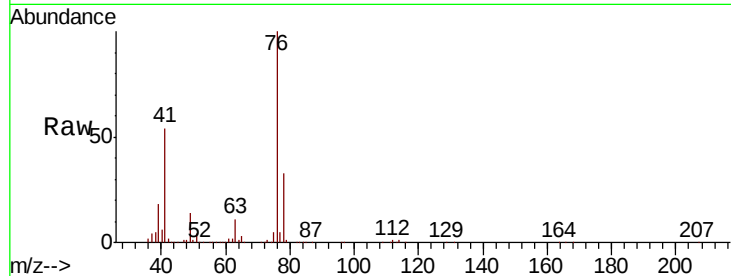




#57  
 1,3-Dichloropropane  
 Concen: 52.94 ug/l  
 RT: 10.71 min Scan# 2836  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

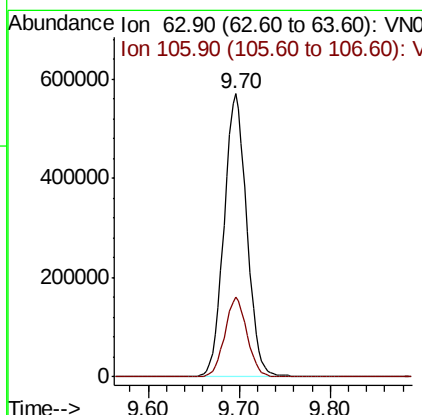
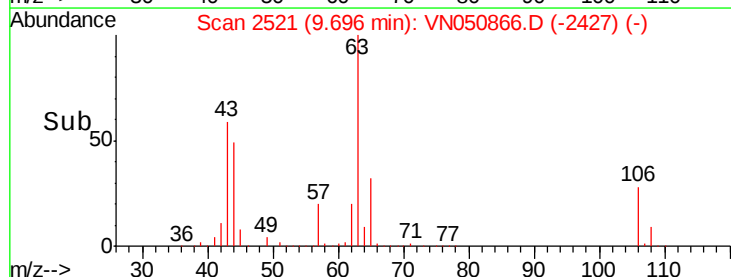
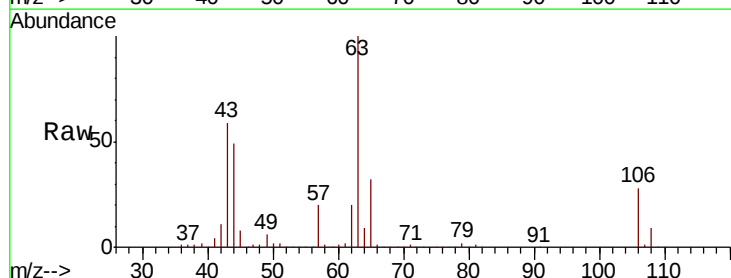
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

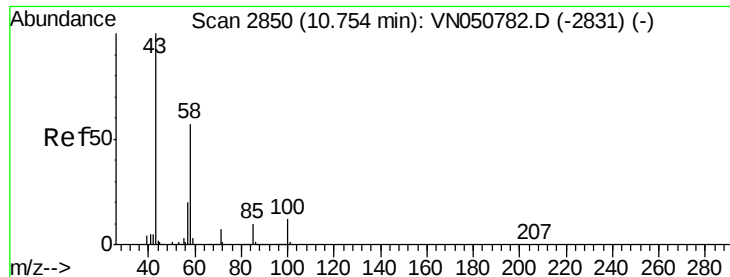
Tot Ion: 76 Resp: 634218  
 Ion Ratio Lower Upper  
 76 100  
 78 32.2 25.5 38.3



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 241.19 ug/l  
 RT: 9.70 min Scan# 2521  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

Tgt Ion: 63 Resp: 991842  
 Ion Ratio Lower Upper  
 63 100  
 106 27.5 21.9 32.9

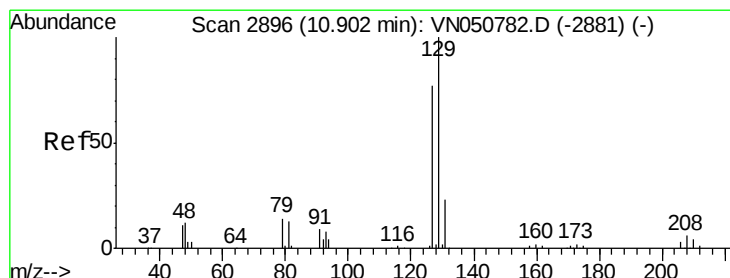
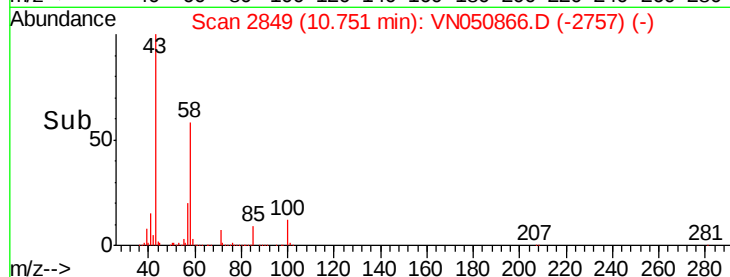
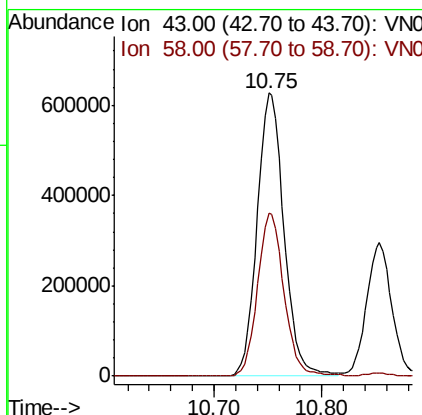
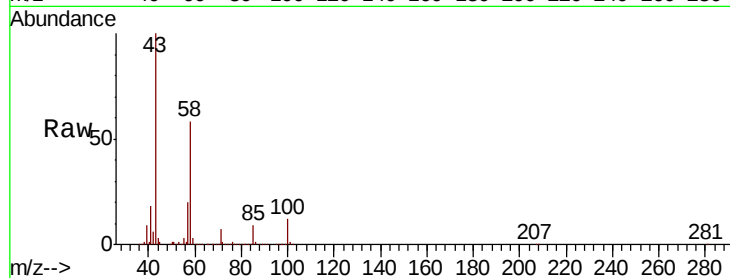




#59  
2-Hexanone  
Concen: 251.26 ug/l  
RT: 10.75 min Scan# 2849  
Delta R.T. -0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

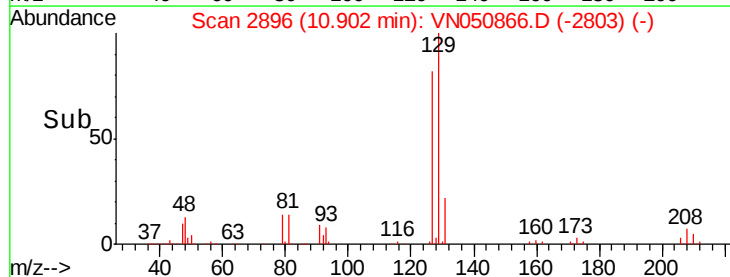
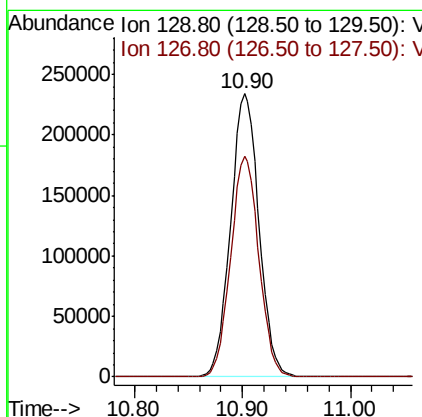
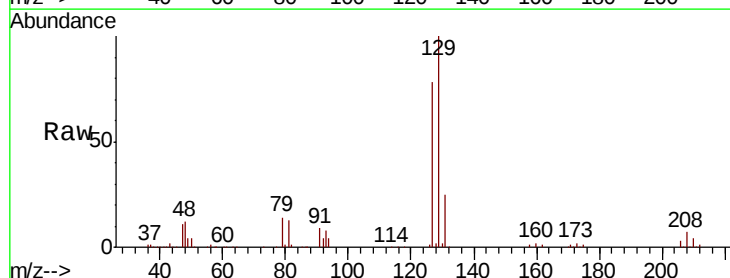
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

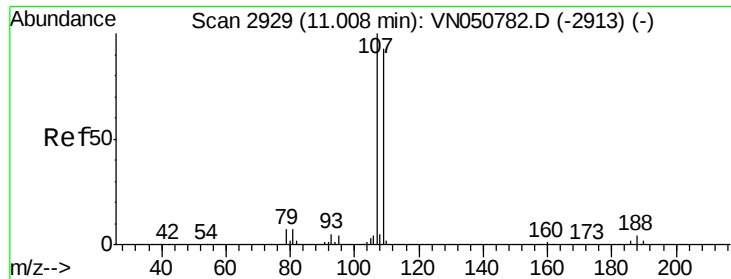
Tot Ion: 43 Resp: 1079254  
Ion Ratio Lower Upper  
43 100  
58 57.0 28.3 85.0



#60  
Dibromochloromethane  
Concen: 52.74 ug/l  
RT: 10.90 min Scan# 2896  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

Tgt Ion: 129 Resp: 428560  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.3 114.9

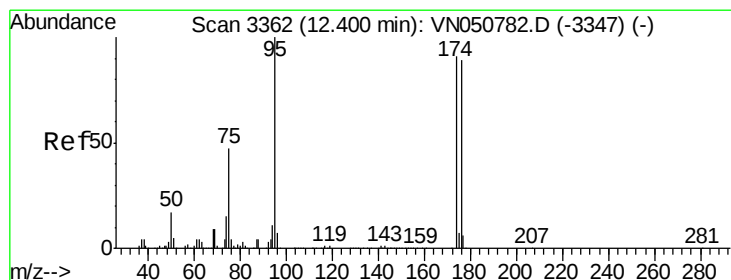
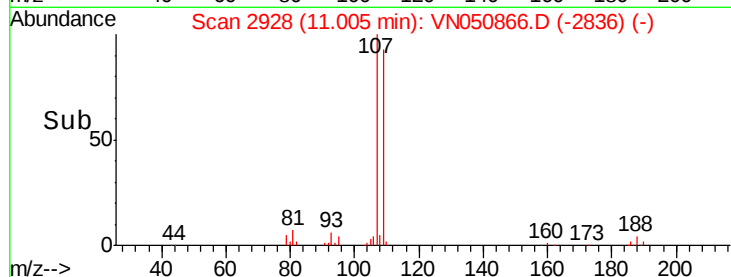
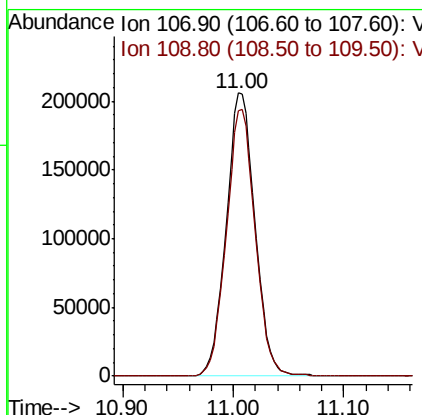
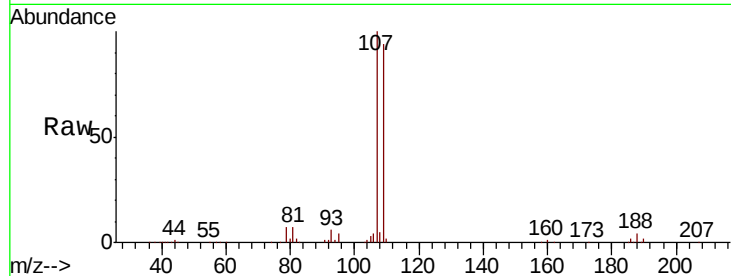




#61  
 1,2-Dibromoethane  
 Concen: 53.00 ug/l  
 RT: 11.00 min Scan# 2928  
 Delta R.T. -0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

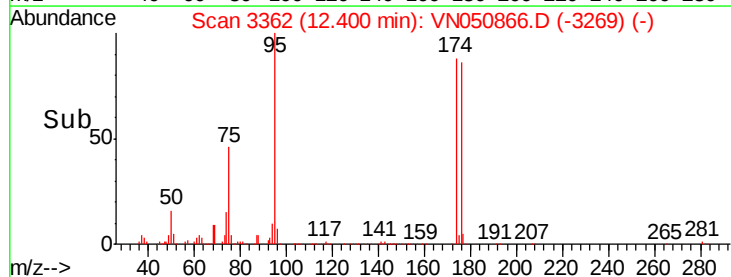
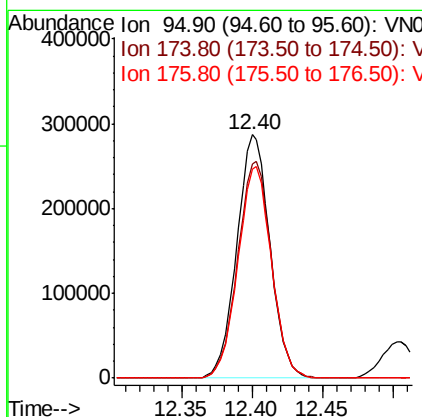
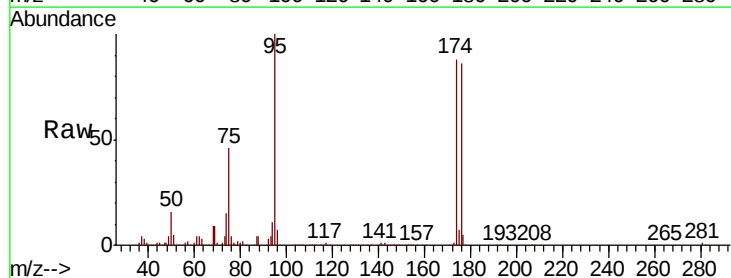
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

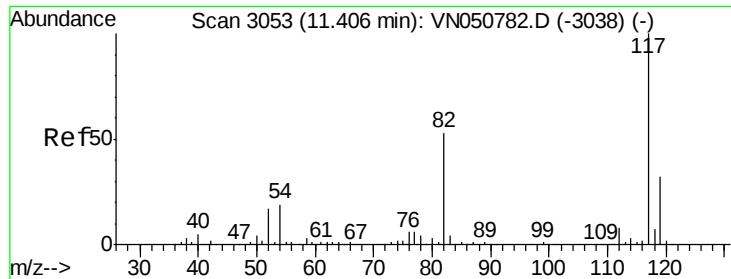
Tot Ion:107 Resp: 371996  
 Ion Ratio Lower Upper  
 107 100  
 109 94.4 75.4 113.2



#62  
 4-Bromofluorobenzene  
 Concen: 51.50 ug/l  
 RT: 12.40 min Scan# 3362  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

Tgt Ion: 95 Resp: 472243  
 Ion Ratio Lower Upper  
 95 100  
 174 90.8 0.0 183.0  
 176 87.9 0.0 178.8

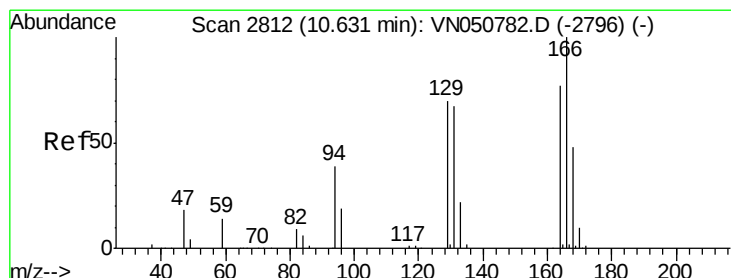
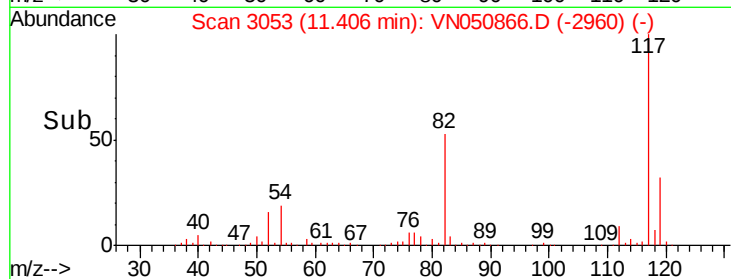
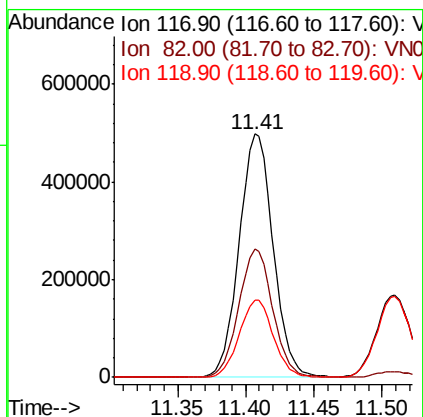
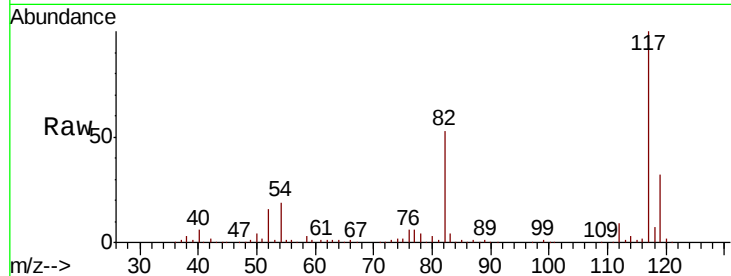




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3053  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

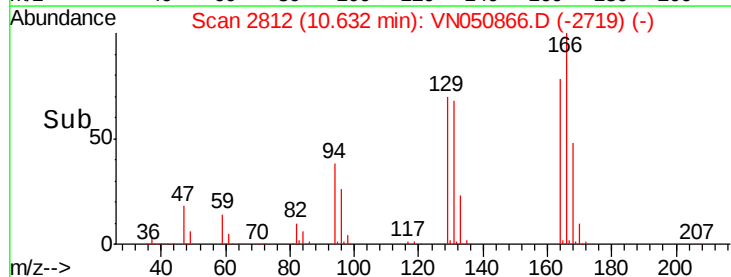
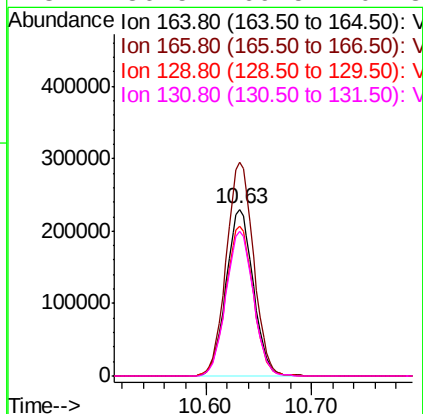
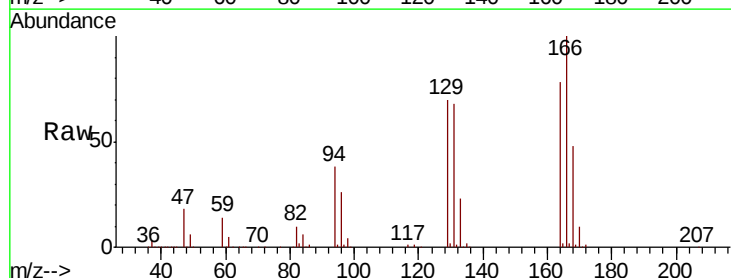
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

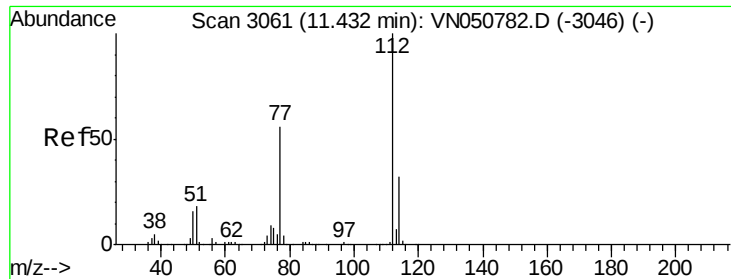
Tot Ion:117 Resp: 863174  
Ion Ratio Lower Upper  
117 100  
82 52.7 42.6 64.0  
119 31.6 25.8 38.6



#64  
Tetrachloroethene  
Concen: 49.81 ug/l  
RT: 10.63 min Scan# 2812  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

Tgt Ion:164 Resp: 408412  
Ion Ratio Lower Upper  
164 100  
166 128.0 103.5 155.3  
129 90.1 72.7 109.1  
131 86.5 69.5 104.3

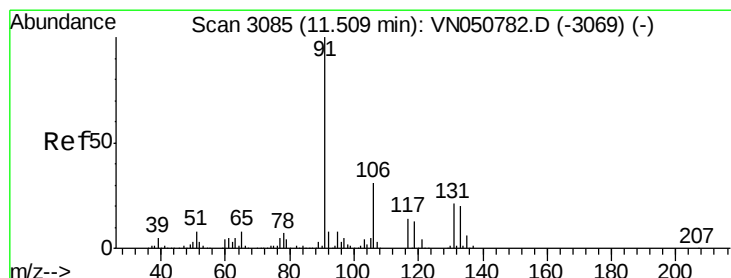
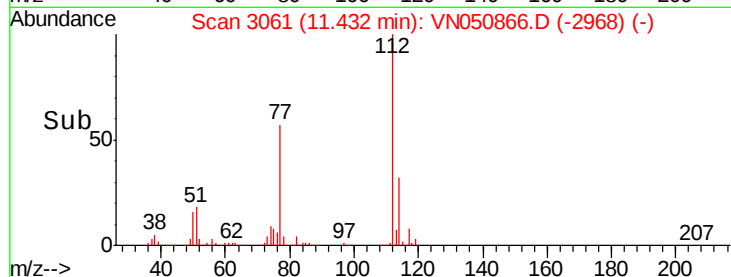
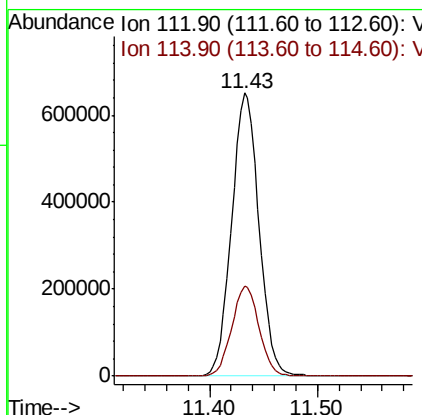
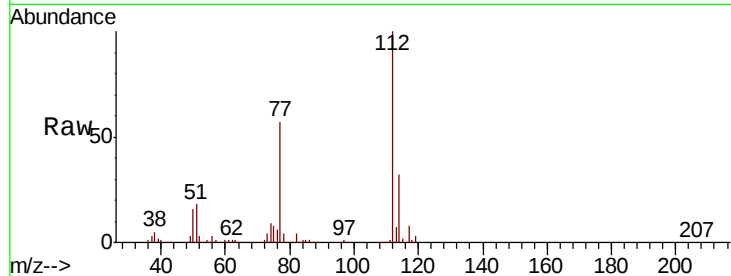




#65  
Chlorobenzene  
Concen: 50.95 ug/l  
RT: 11.43 min Scan# 3061  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

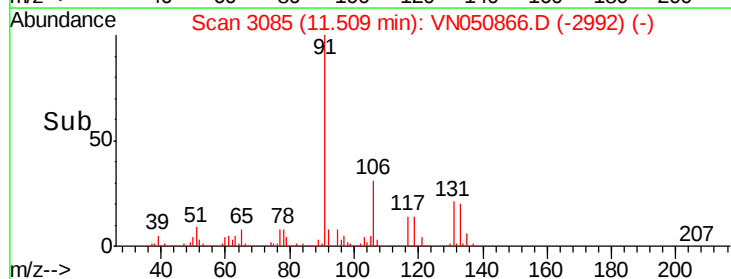
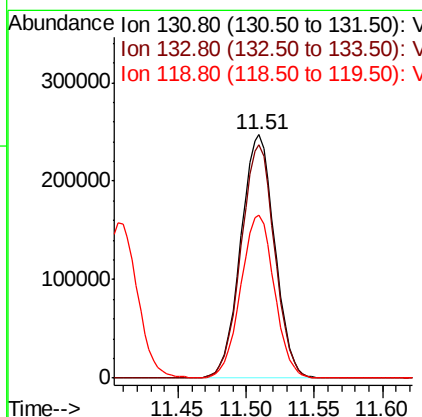
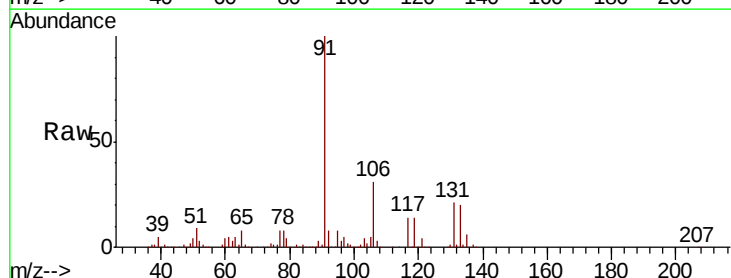
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

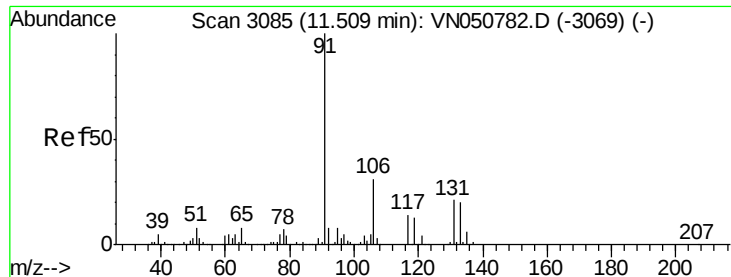
Tot Ion:112 Resp: 1149439  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.65 ug/l  
RT: 11.51 min Scan# 3085  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

Tgt Ion:131 Resp: 426348  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.4 142.3  
119 66.5 32.8 98.4





#67

Ethyl Benzene

Concen: 53.70 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

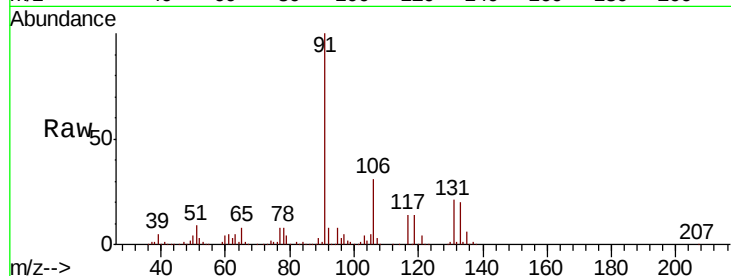
VSTDCCC050

Tot Ion: 91 Resp: 1969544

Ion Ratio Lower Upper

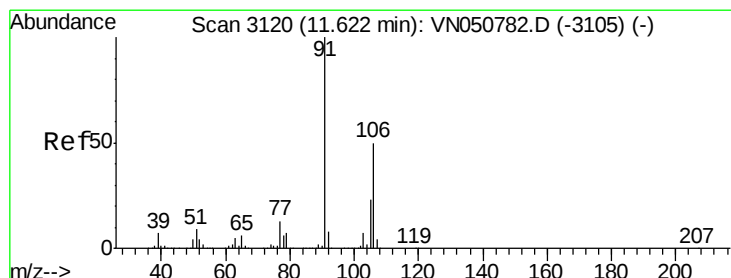
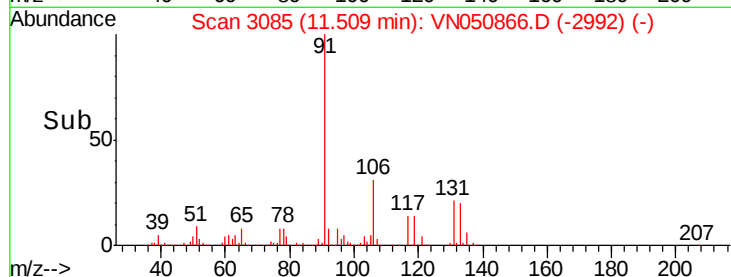
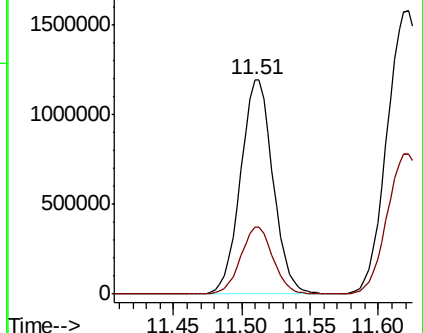
91 100

106 31.3 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN050782.D (-3069) (-)

Ion 106.00 (105.70 to 106.70): VN050782.D (-3069) (-)



#68

m/p-Xylenes

Concen: 110.30 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050866.D

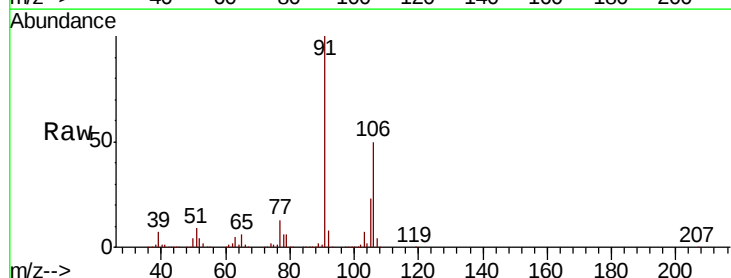
Acq: 24 Aug 2018 10:26

Tgt Ion:106 Resp: 1535667

Ion Ratio Lower Upper

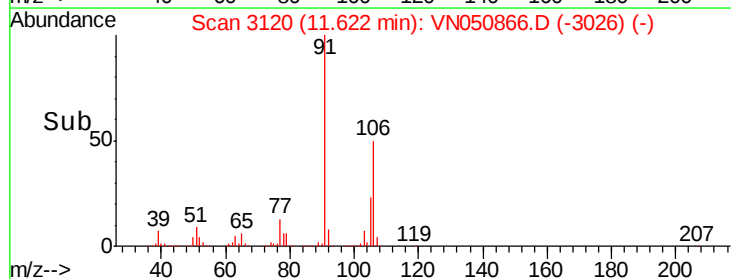
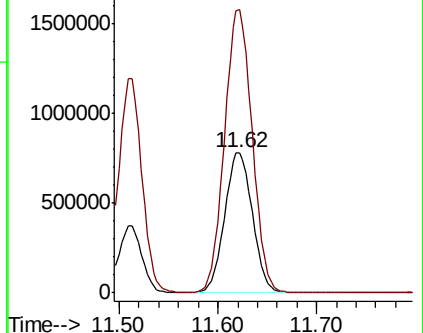
106 100

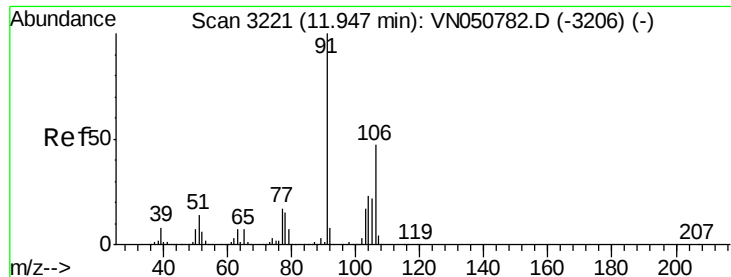
91 201.3 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): VN050782.D (-3105) (-)

Ion 91.00 (90.70 to 91.70): VN050782.D (-3105) (-)

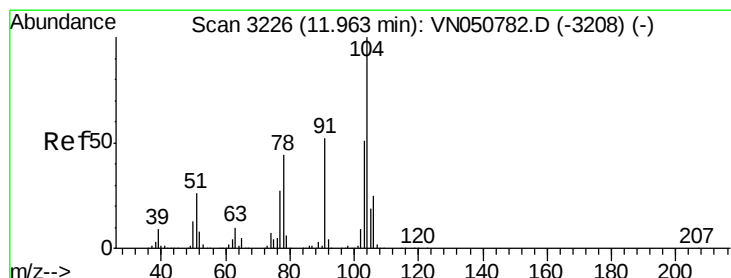
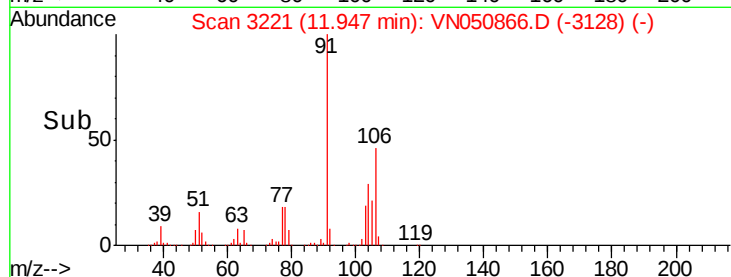
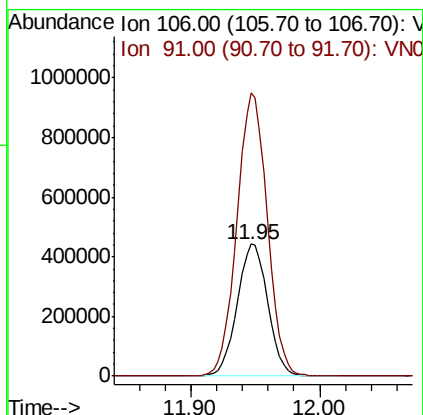
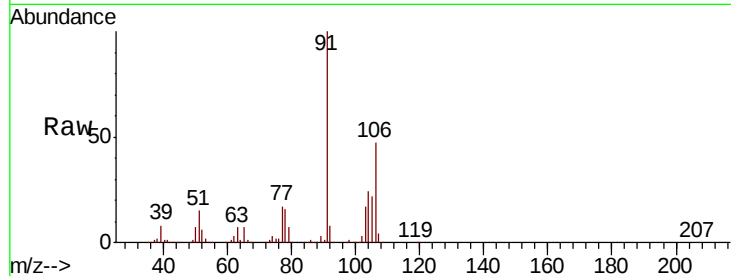




#69  
o-Xylene  
Concen: 54.37 ug/l  
RT: 11.95 min Scan# 3221  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

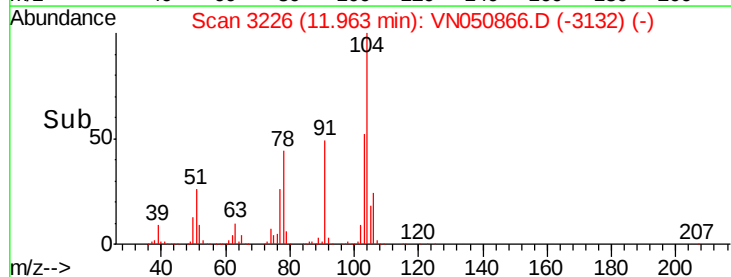
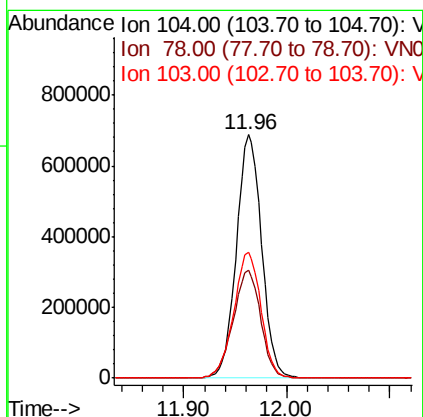
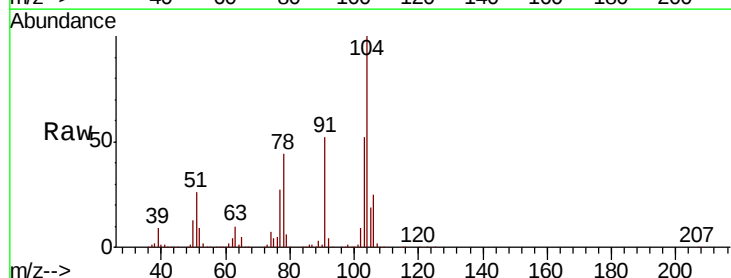
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

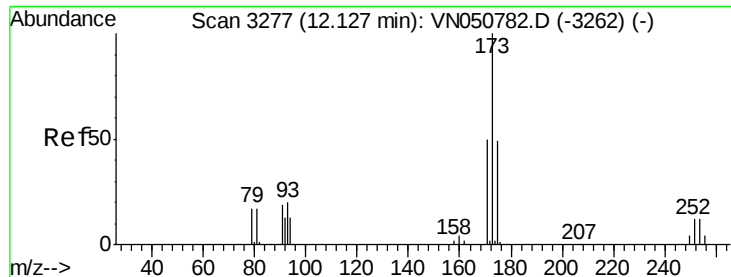
Tot Ion:106 Resp: 727770  
Ion Ratio Lower Upper  
106 100  
91 213.3 106.5 319.5



#70  
Styrene  
Concen: 49.69 ug/l  
RT: 11.96 min Scan# 3226  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

Tgt Ion:104 Resp: 1171815  
Ion Ratio Lower Upper  
104 100  
78 48.5 38.2 57.4  
103 55.8 44.4 66.6

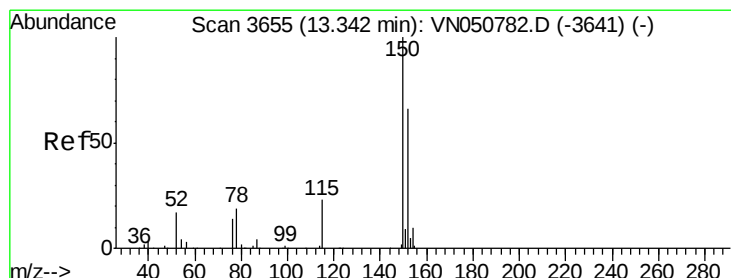
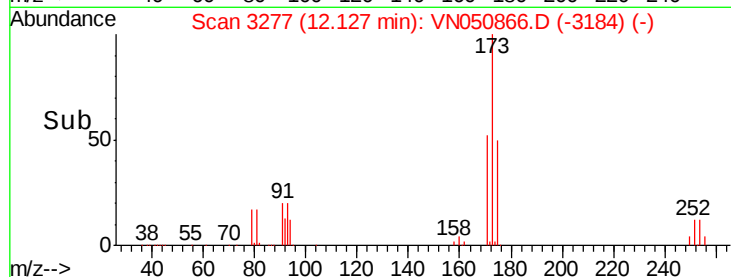
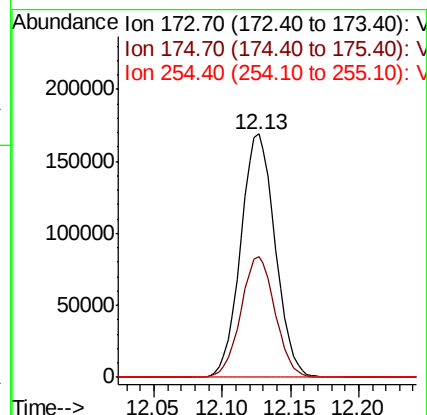
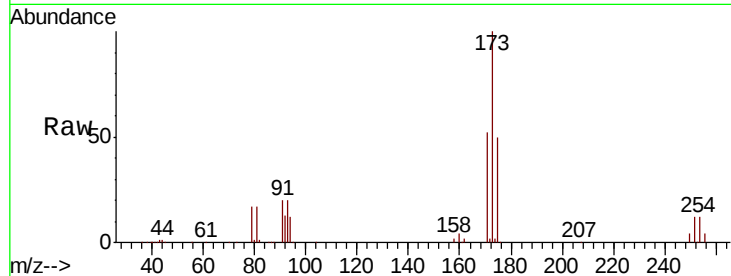




#71  
Bromoform  
Concen: 52.22 ug/l  
RT: 12.13 min Scan# 3277  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

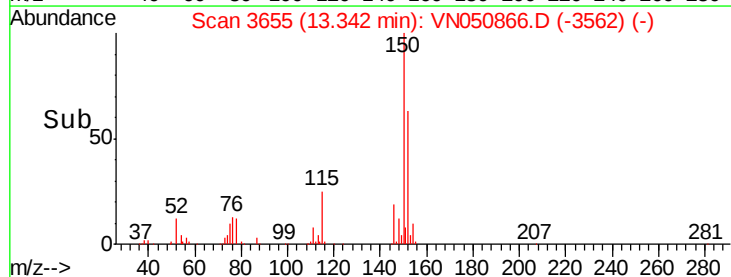
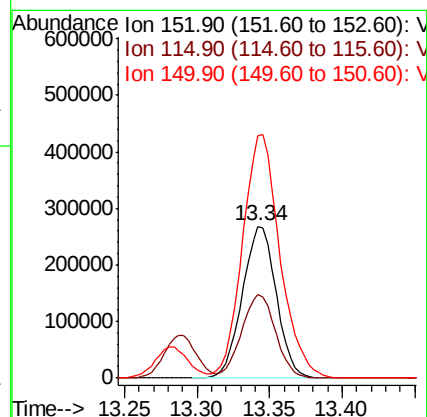
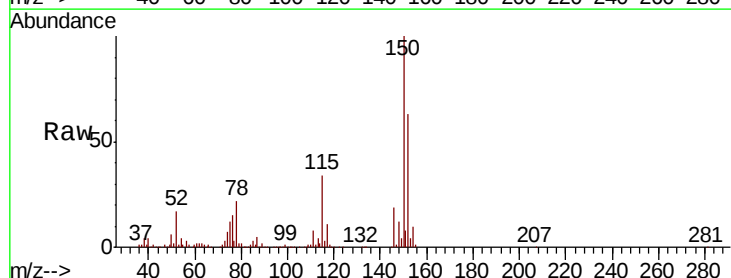
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

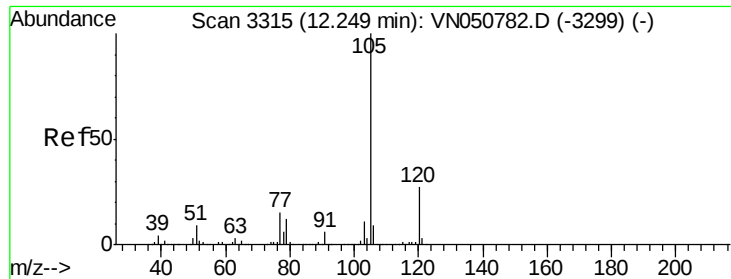
Tot Ion:173 Resp: 296446  
Ion Ratio Lower Upper  
173 100  
175 49.1 24.4 73.4  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.34 min Scan# 3655  
Delta R.T. 0.00 min  
Lab File: VN050866.D  
Acq: 24 Aug 2018 10:26

Tgt Ion:152 Resp: 435697  
Ion Ratio Lower Upper  
152 100  
115 55.4 27.8 83.4  
150 177.0 0.0 351.4





#73

Isopropylbenzene

Concen: 53.96 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

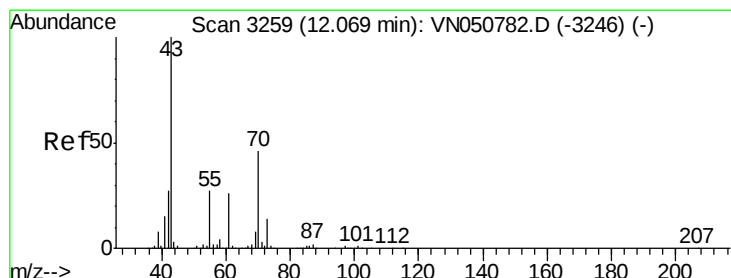
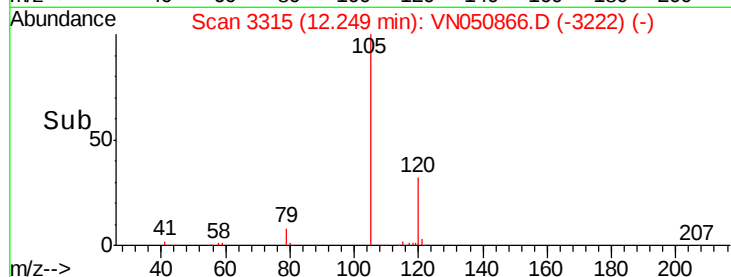
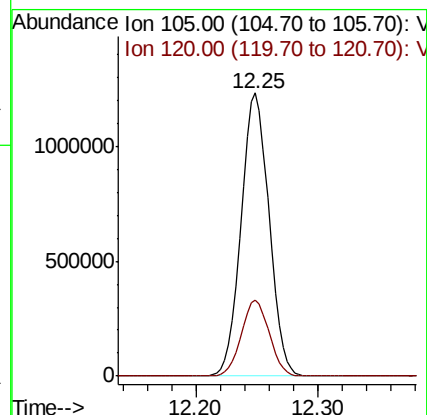
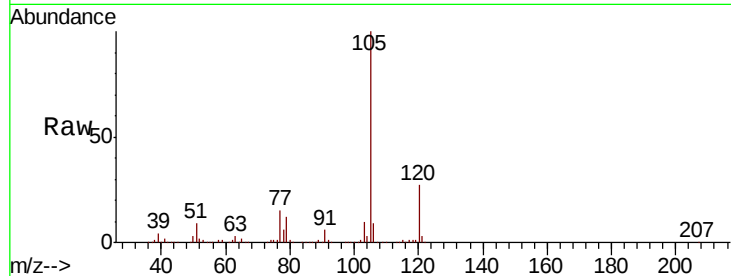
VSTDCCC050

Tot Ion:105 Resp: 1946680

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 53.15 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Tgt Ion: 43 Resp: 481760

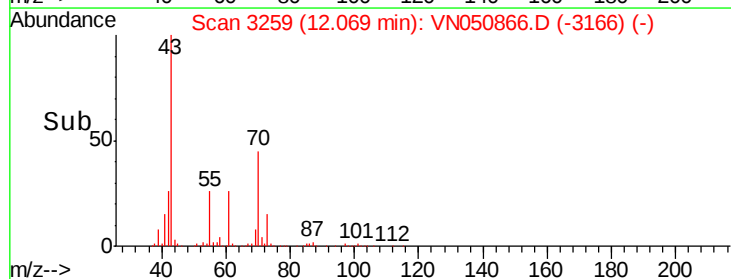
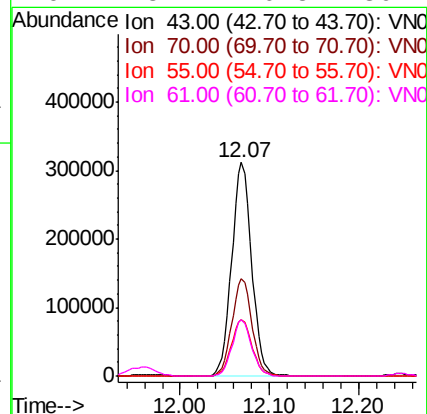
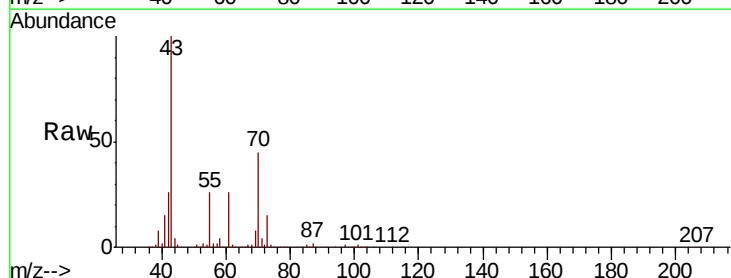
Ion Ratio Lower Upper

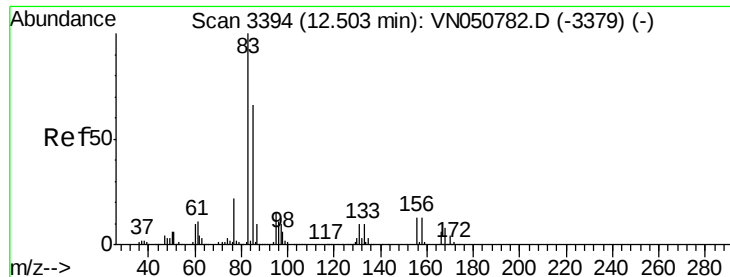
43 100

70 45.9 36.2 54.2

55 27.3 21.8 32.8

61 25.7 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.93 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

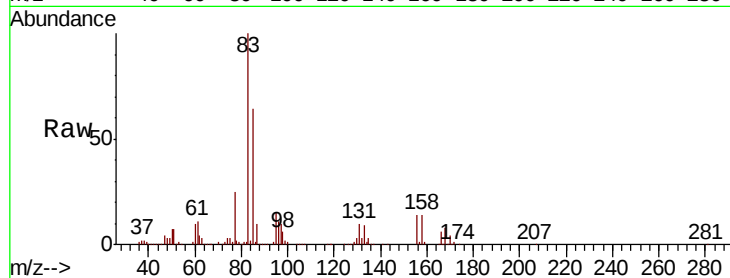
Tot Ion: 83 Resp: 462787

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.3  | 5.3   | 15.9  |
| 85  | 64.4  | 31.9  | 95.7  |

83 100

131 10.3 5.3 15.9

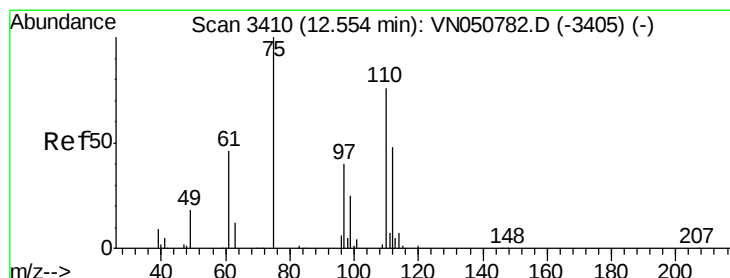
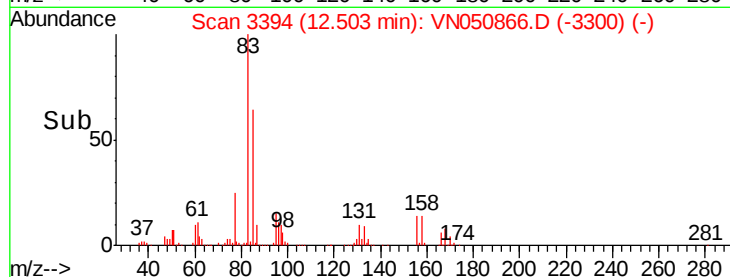
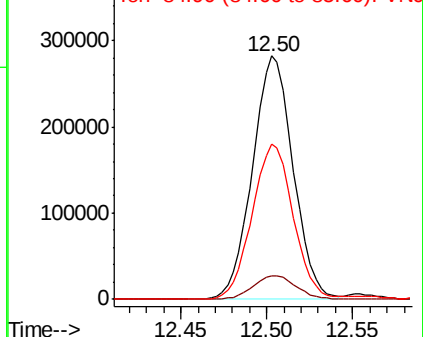
85 64.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 72.32 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050866.D

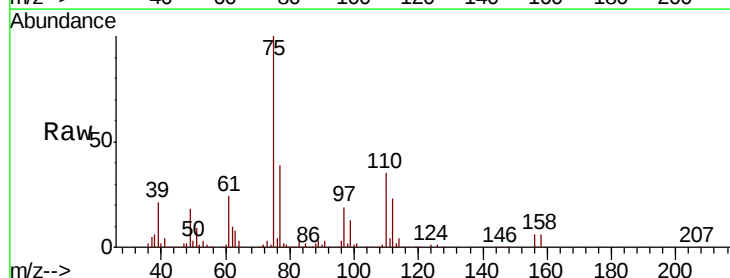
Acq: 24 Aug 2018 10:26

Tgt Ion: 75 Resp: 551896

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |

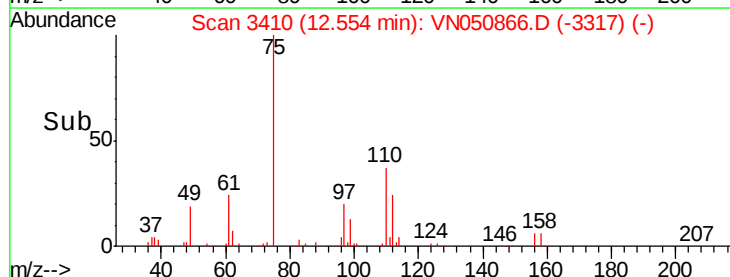
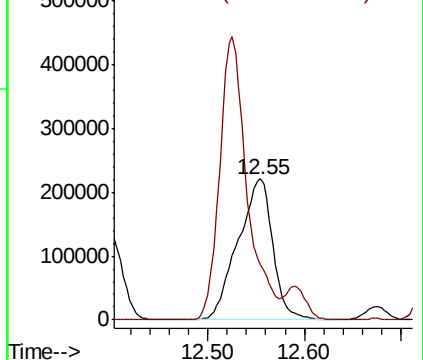
75 100

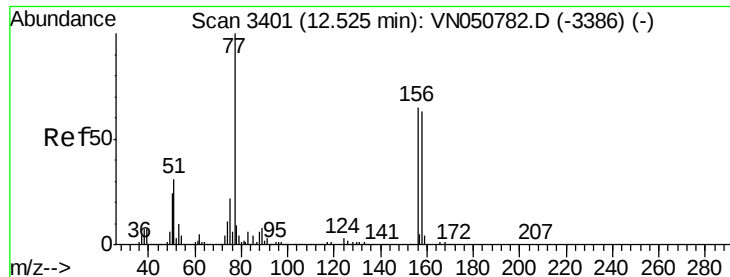
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.45 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

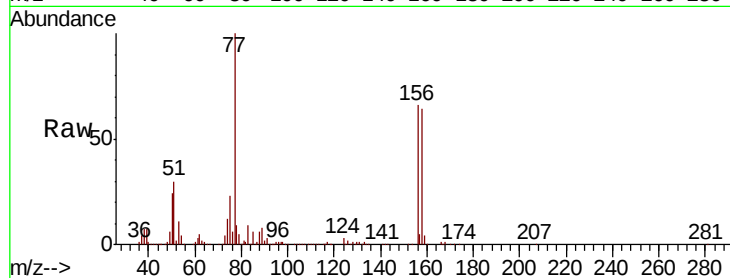
Tot Ion:156 Resp: 494645

Ion Ratio Lower Upper

156 100

77 177.2 89.9 269.7

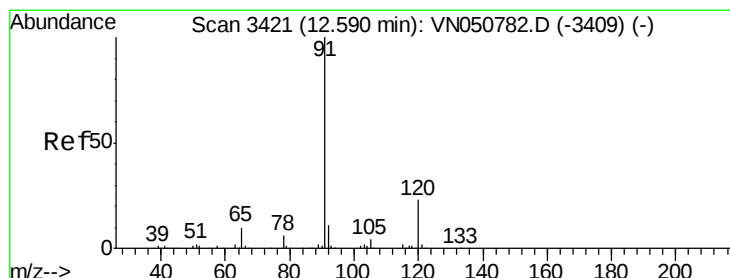
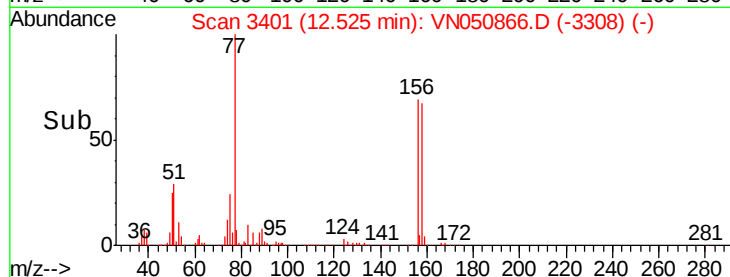
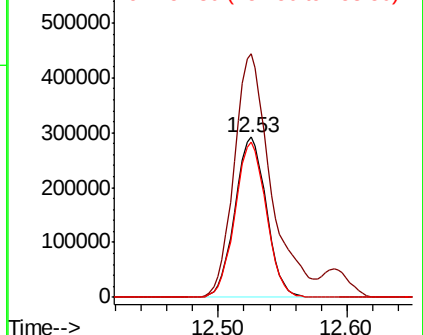
158 96.5 49.3 147.9



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: 54.69 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN050866.D

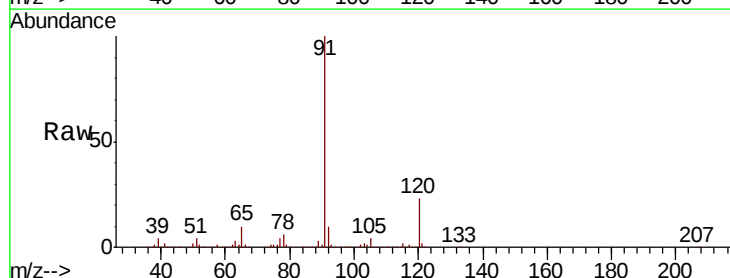
Acq: 24 Aug 2018 10:26

Tgt Ion: 91 Resp: 2204208

Ion Ratio Lower Upper

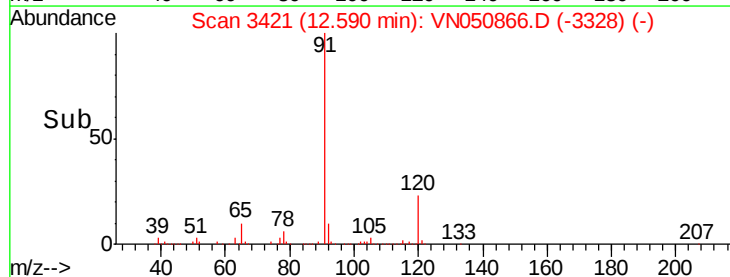
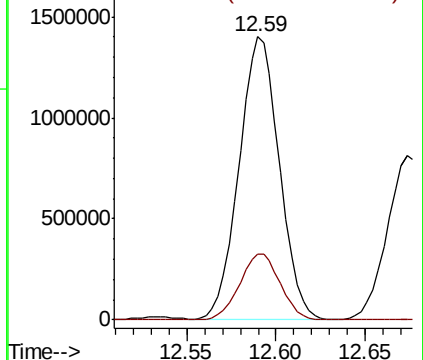
91 100

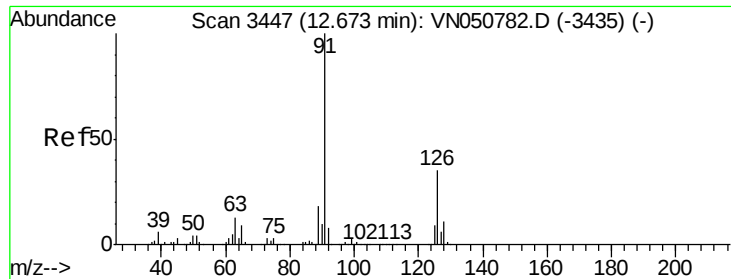
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.38 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampled :

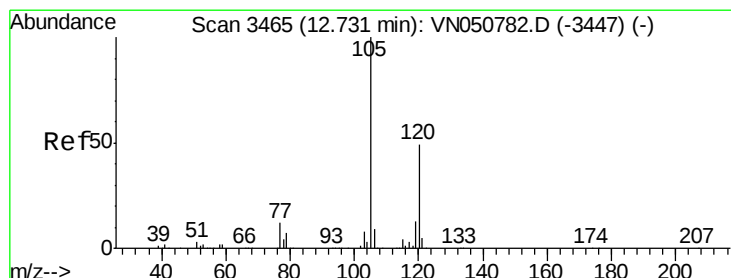
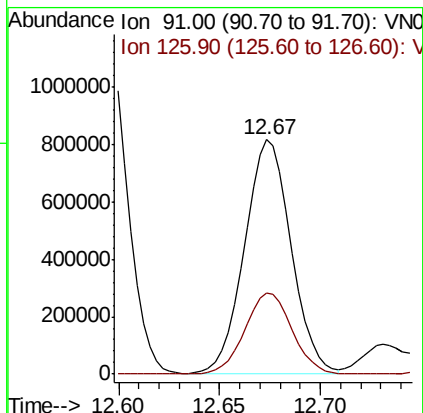
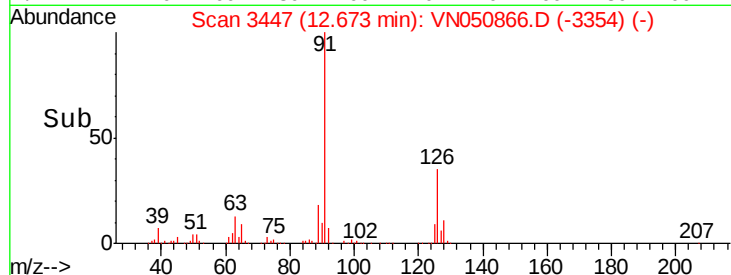
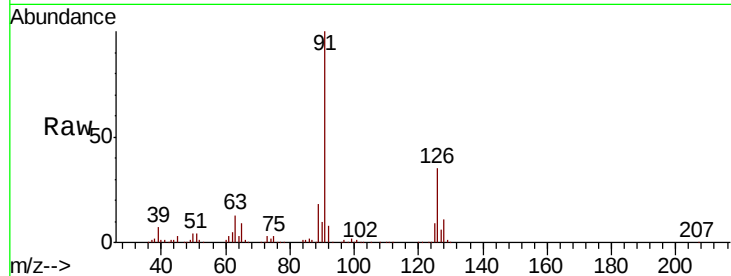
VSTDCCC050

Tot Ion: 91 Resp: 1314810

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 55.00 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. 0.00 min

Lab File: VN050866.D

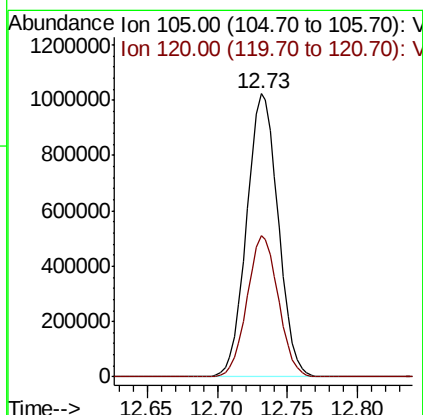
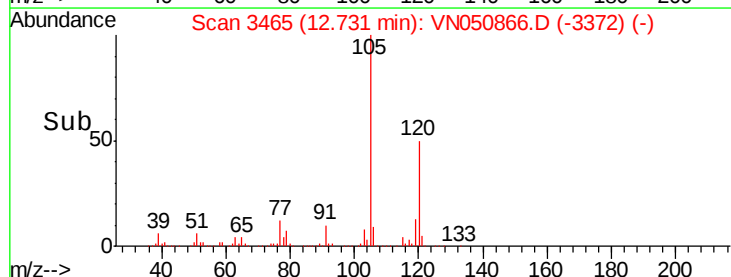
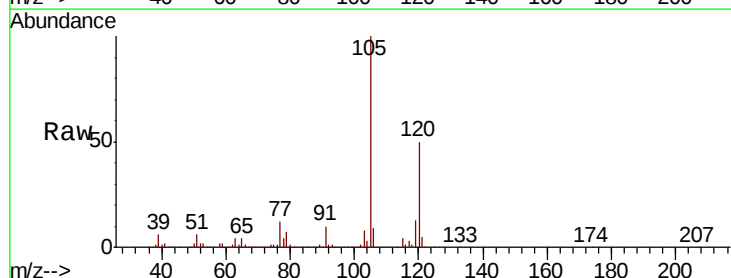
Acq: 24 Aug 2018 10:26

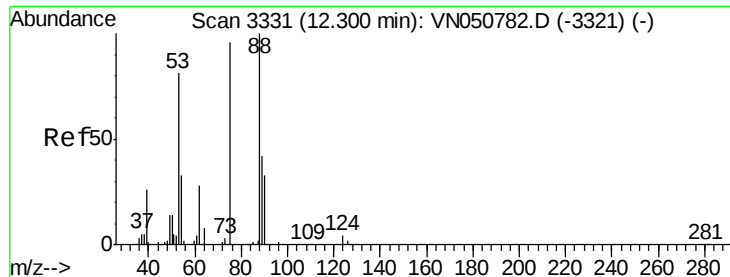
Tgt Ion: 105 Resp: 1601176

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.79 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

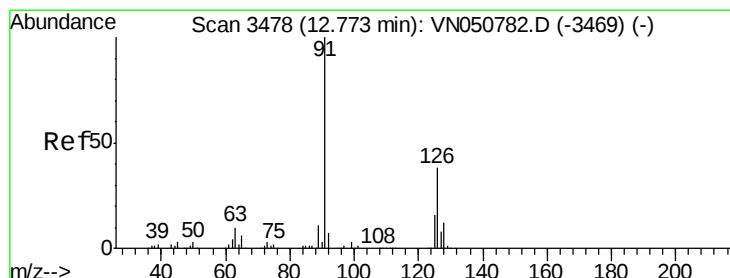
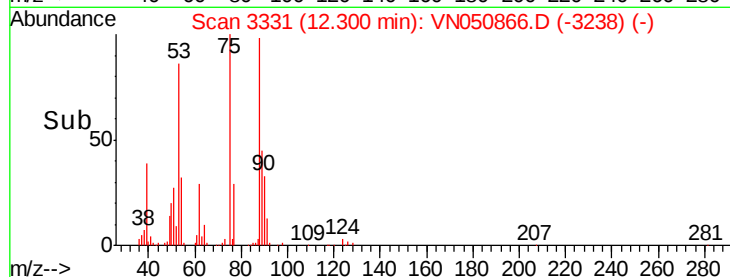
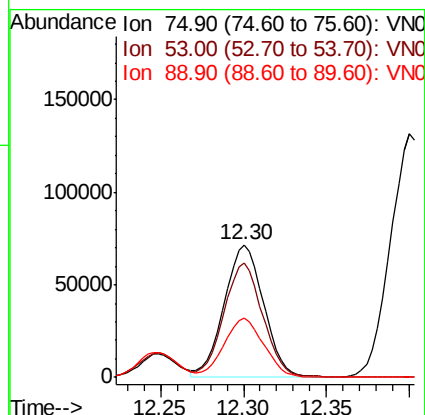
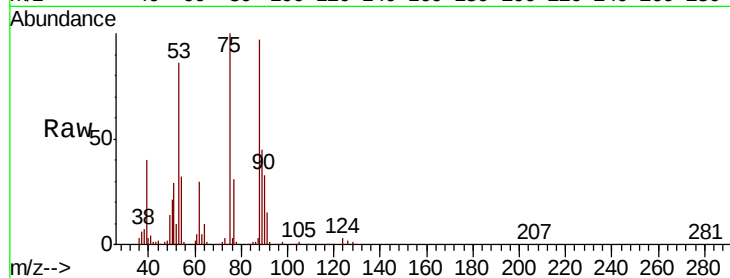
Tot Ion: 75 Resp: 119156

Ion Ratio Lower Upper

75 100

53 85.5 68.9 103.3

89 44.8 36.1 54.1



#82

4-Chlorotoluene

Concen: 52.87 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN050866.D

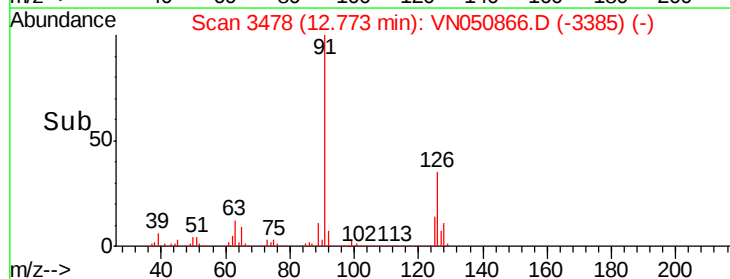
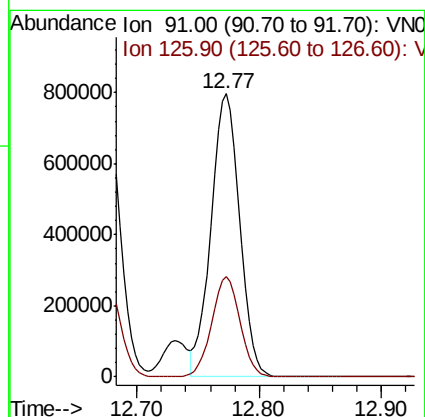
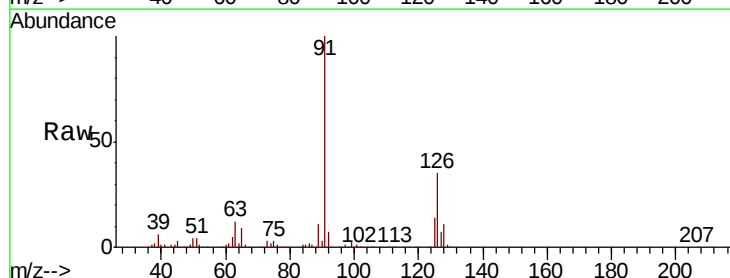
Acq: 24 Aug 2018 10:26

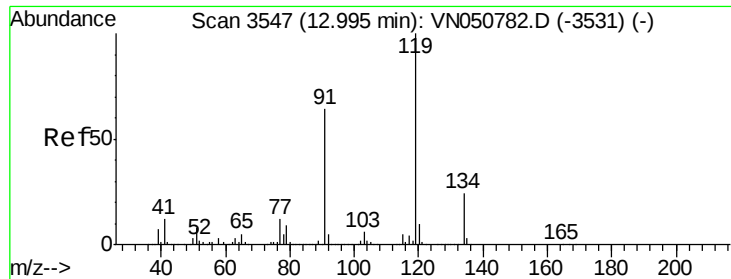
Tgt Ion: 91 Resp: 1310324

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5

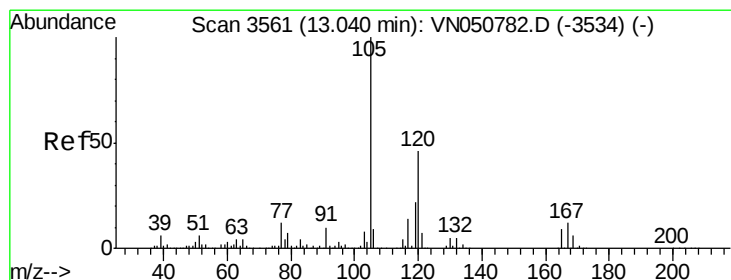
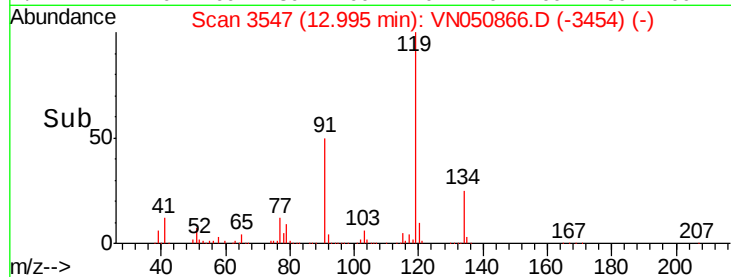
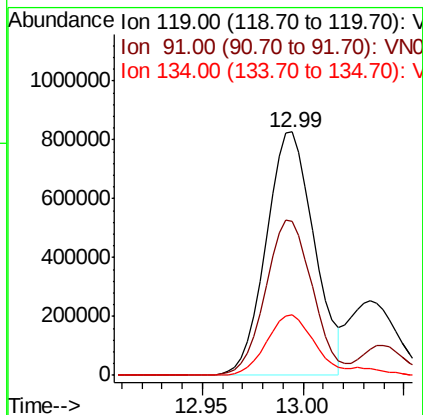
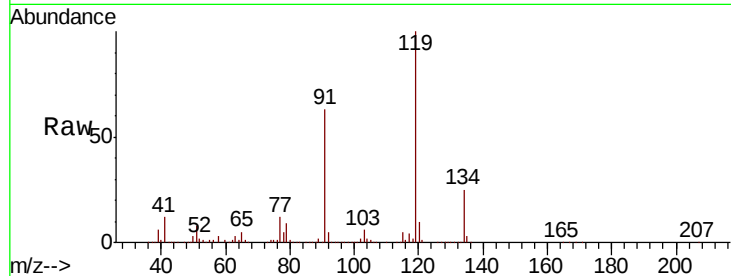




#83  
 tert-Butylbenzene  
 Concen: 54.20 ug/l  
 RT: 12.99 min Scan# 3547  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

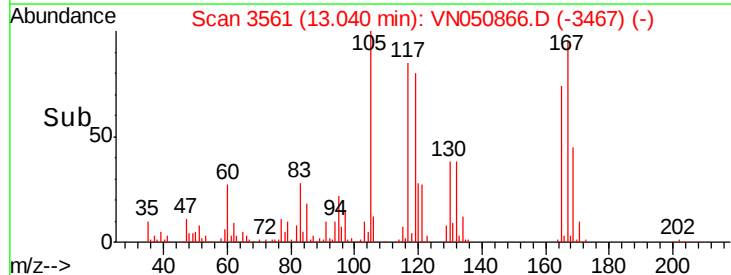
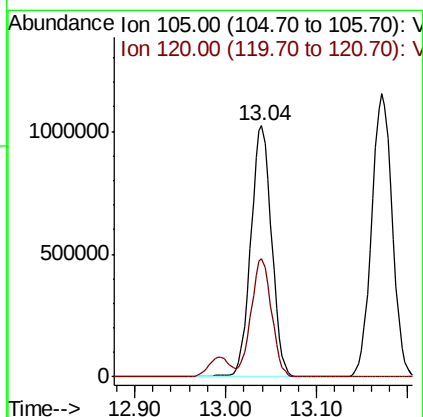
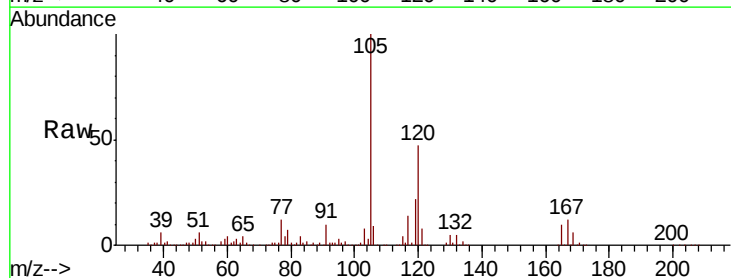
Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050

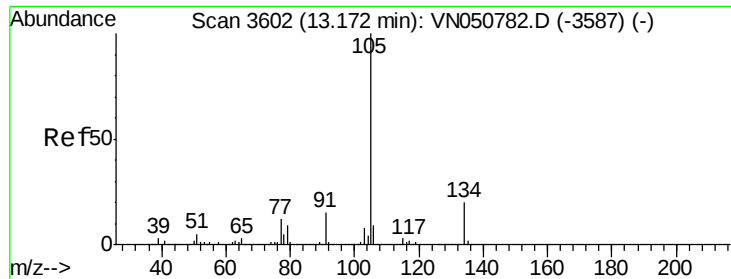
Tot Ion:119 Resp: 1366555  
 Ion Ratio Lower Upper  
 119 100  
 91 62.5 31.6 94.7  
 134 27.0 13.4 40.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 55.40 ug/l  
 RT: 13.04 min Scan# 3561  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

Tgt Ion:105 Resp: 1622327  
 Ion Ratio Lower Upper  
 105 100  
 120 46.4 22.9 68.8





#85

sec-Butylbenzene

Concen: 54.84 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

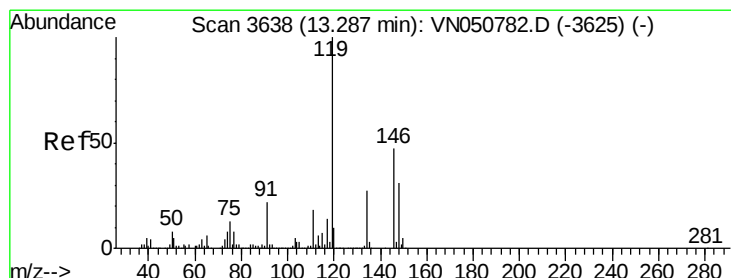
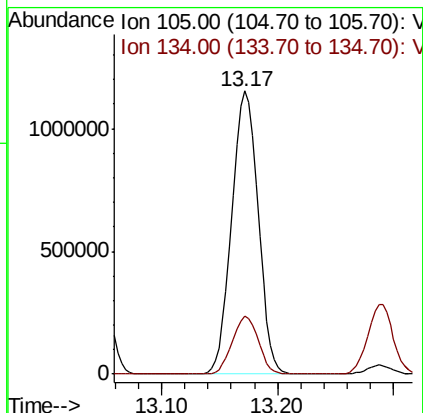
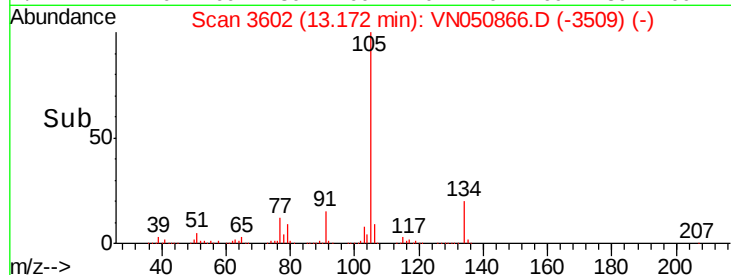
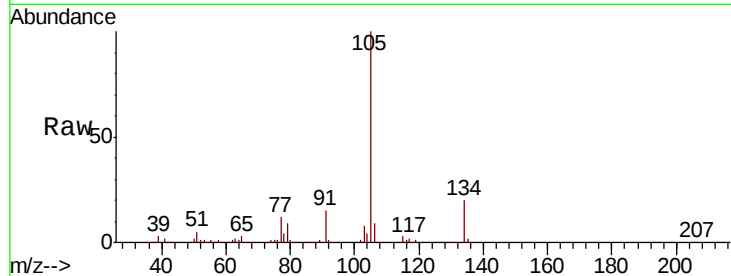
VSTDCCC050

Tot Ion:105 Resp: 1811539

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 56.66 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

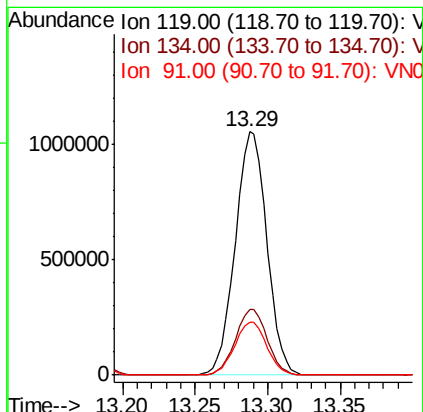
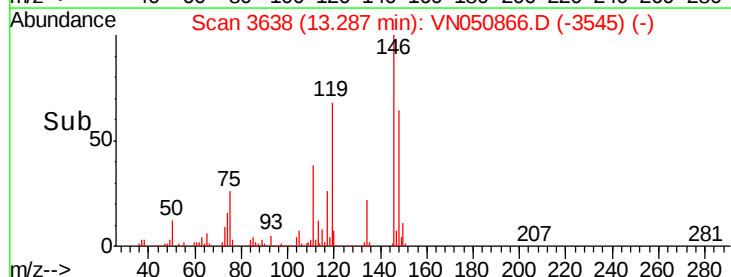
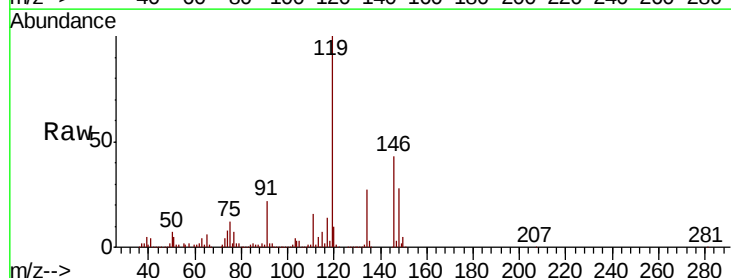
Tgt Ion:119 Resp: 1594797

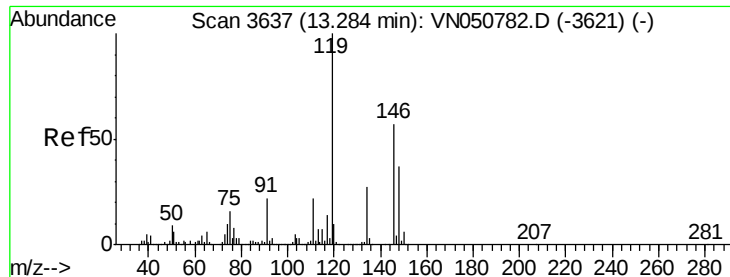
Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.0

91 22.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 51.57 ug/l

RT: 13.28 min Scan# 3636

Delta R.T. -0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

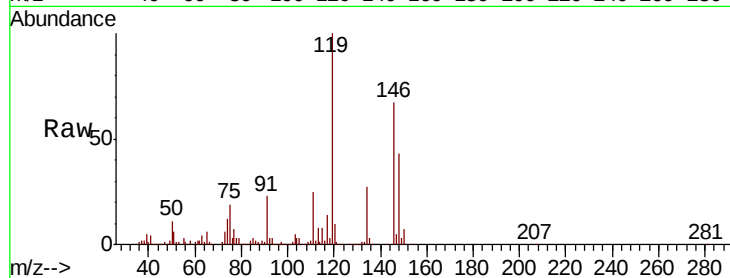
Tot Ion:146 Resp: 858116

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.3

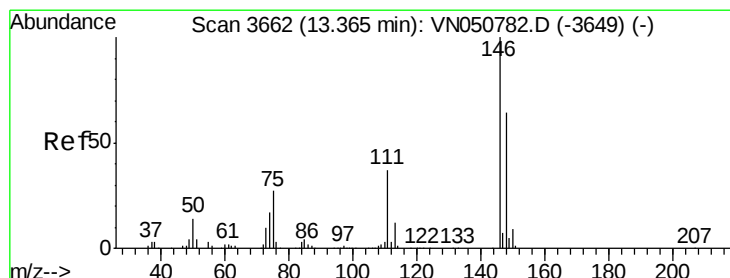
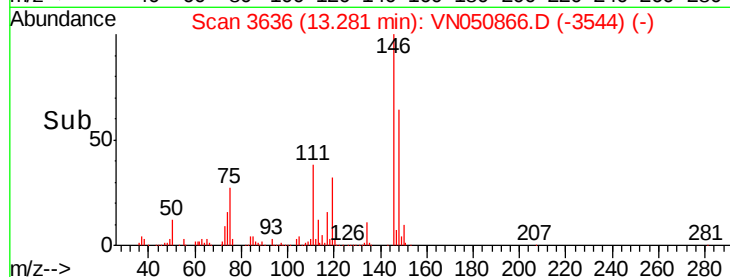
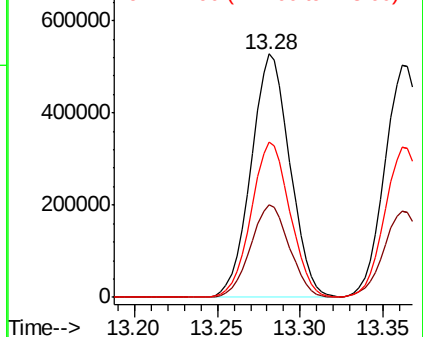
148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.38 ug/l

RT: 13.36 min Scan# 3661

Delta R.T. -0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

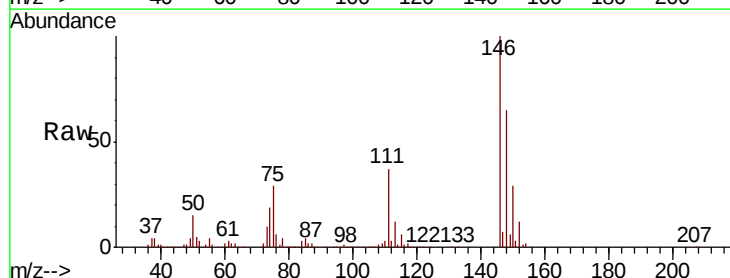
Tgt Ion:146 Resp: 825036

Ion Ratio Lower Upper

146 100

111 37.3 18.8 56.3

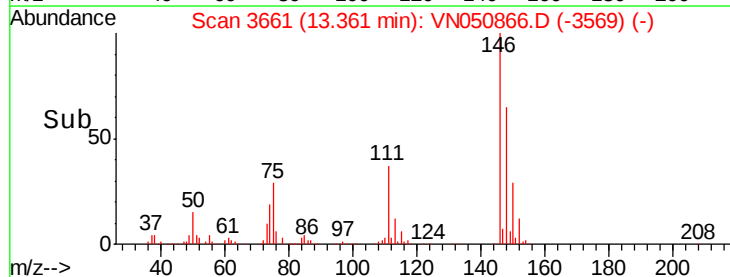
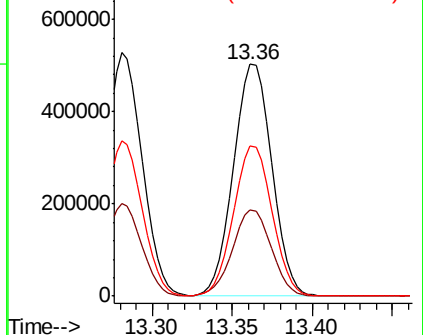
148 64.8 32.2 96.6

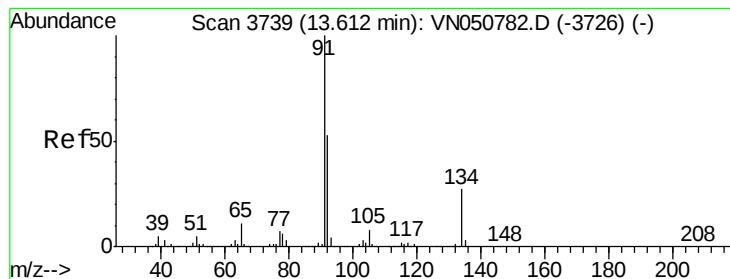


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 55.43 ug/l

RT: 13.61 min Scan# 3739

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleID :

VSTDCCC050

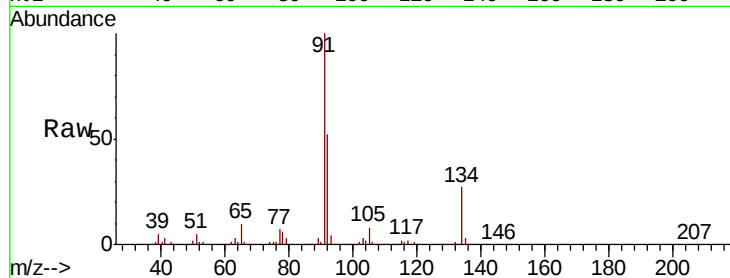
Tot Ion: 91 Resp: 1247824

Ion Ratio Lower Upper

91 100

92 52.2 26.1 78.2

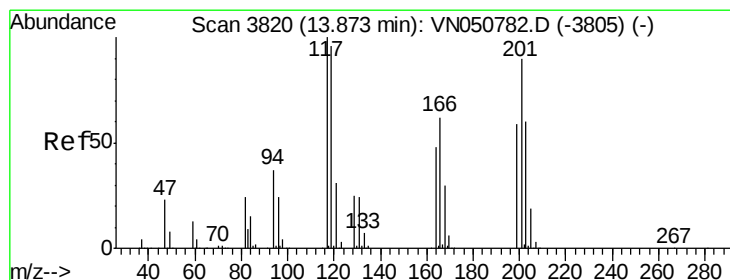
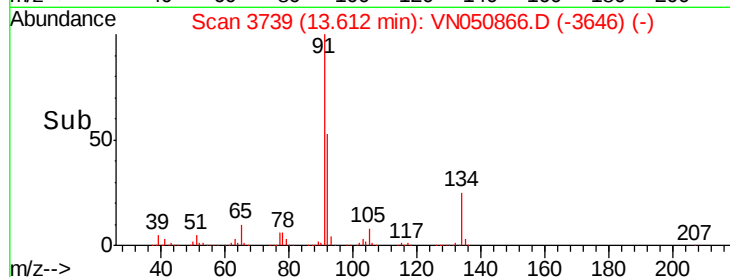
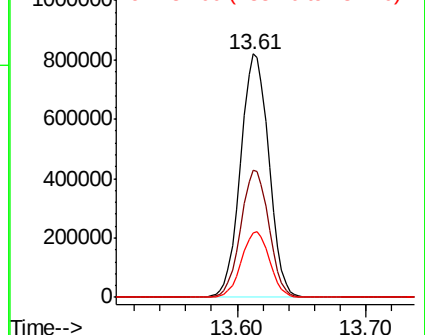
134 26.9 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VN050782.D (-3726) (-)

Ion 92.00 (91.70 to 92.70): VN050782.D (-3726) (-)

Ion 134.00 (133.70 to 134.70): VN050782.D (-3726) (-)



#90

Hexachloroethane

Concen: 51.82 ug/l

RT: 13.87 min Scan# 3820

Delta R.T. 0.00 min

Lab File: VN050866.D

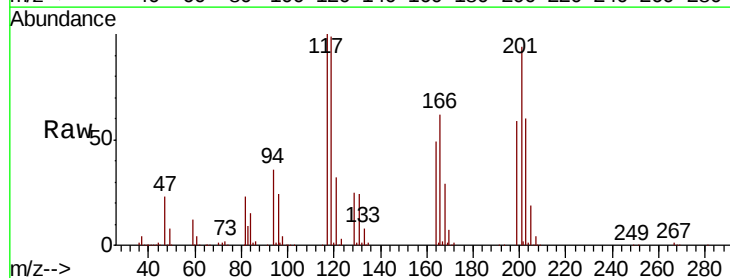
Acq: 24 Aug 2018 10:26

Tgt Ion: 117 Resp: 278024

Ion Ratio Lower Upper

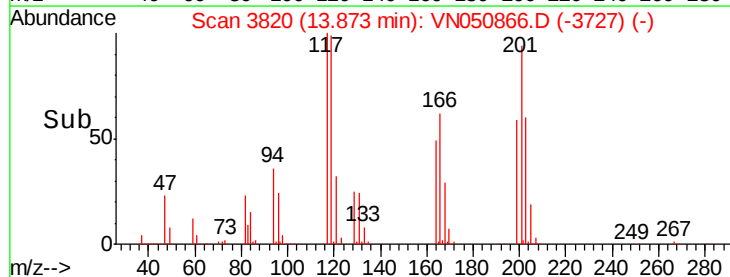
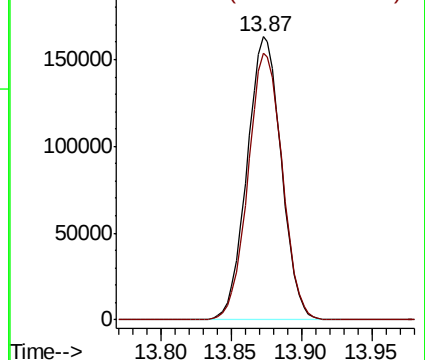
117 100

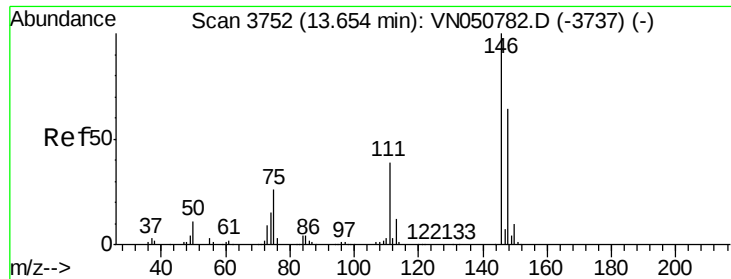
201 94.2 46.0 137.8



Abundance Ion 116.80 (116.50 to 117.50): VN050782.D (-3805) (-)

Ion 200.70 (200.40 to 201.40): VN050782.D (-3805) (-)





#91

1,2-Dichlorobenzene

Concen: 51.08 ug/l

RT: 13.65 min Scan# 3751

Delta R.T. -0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

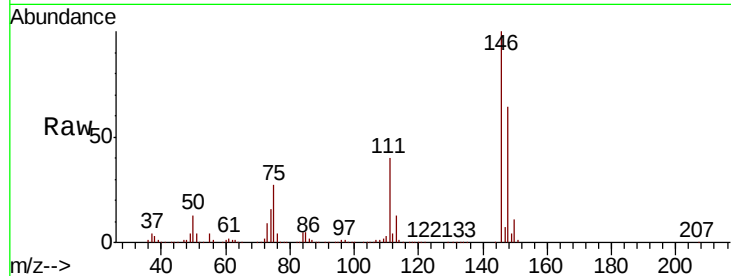
Tot Ion:146 Resp: 820042

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.3

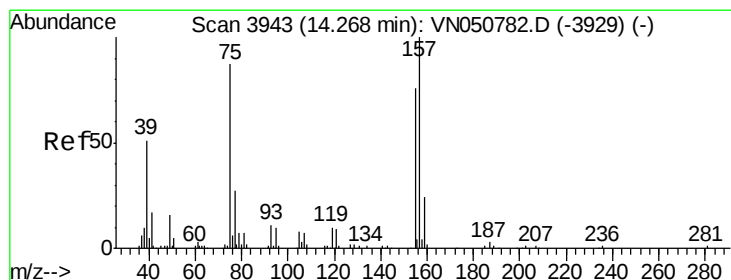
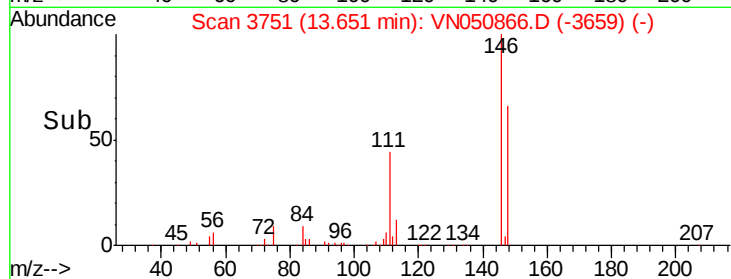
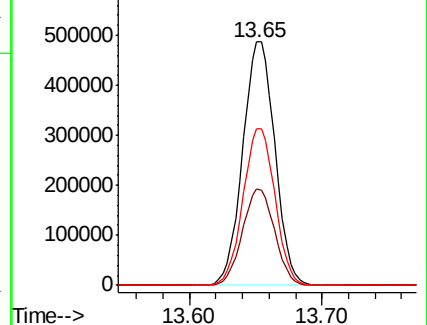
148 64.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.00 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

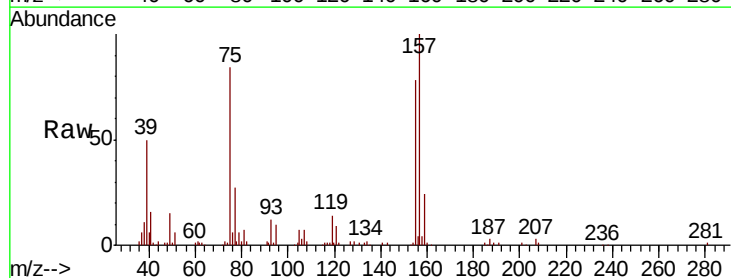
Tgt Ion: 75 Resp: 66083

Ion Ratio Lower Upper

75 100

155 91.5 46.4 139.1

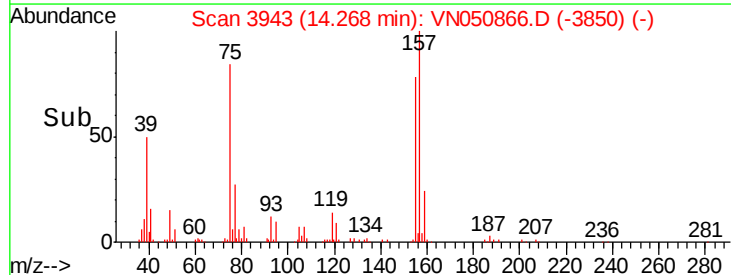
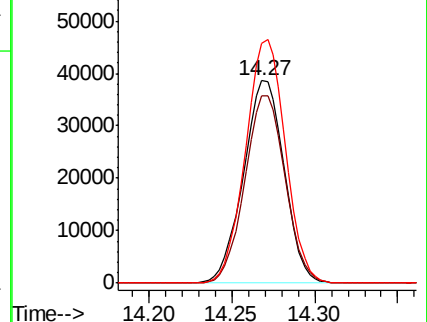
157 117.9 60.7 182.0

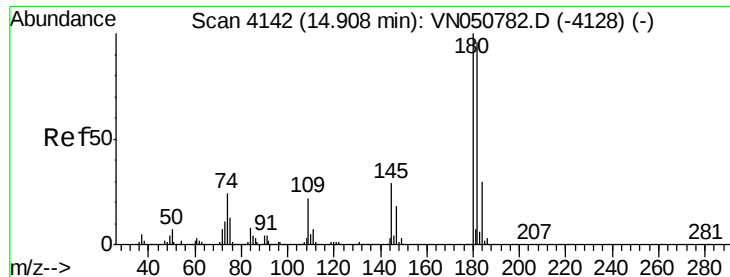


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

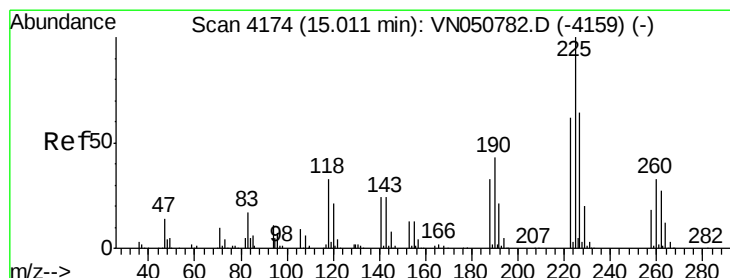
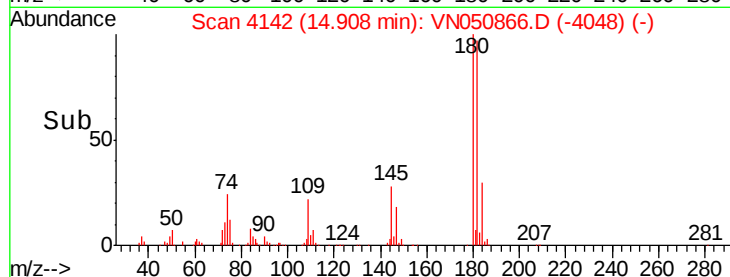
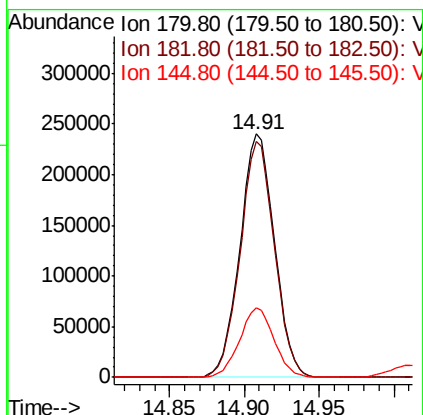
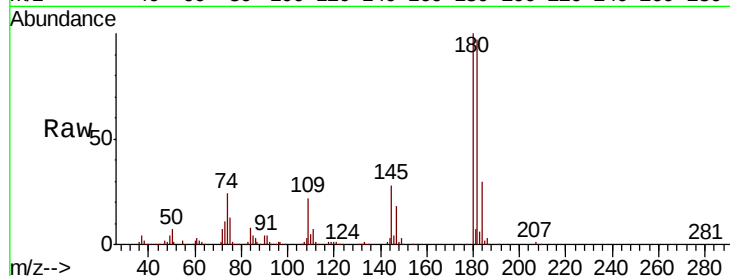




#93  
 1,2,4-Trichlorobenzene  
 Concen: 46.54 ug/l  
 RT: 14.91 min Scan# 4142  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

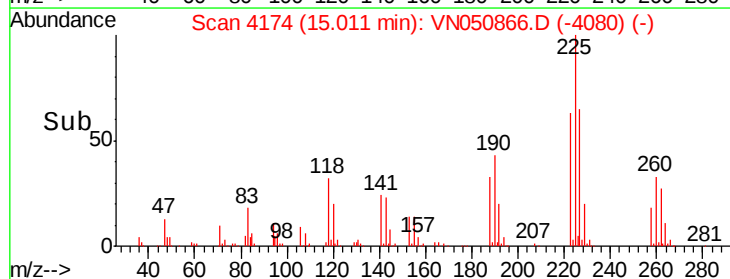
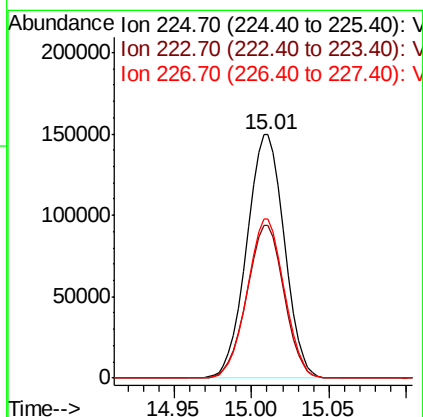
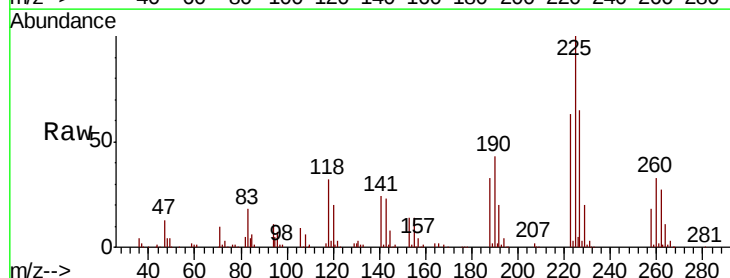
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

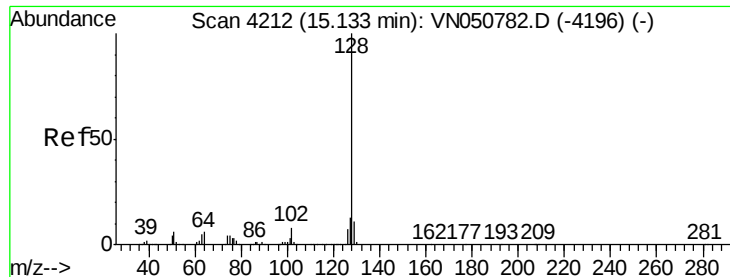
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 48.2  | 144.6 |
| 145     | 28.3  | 14.1  | 42.2  |



#94  
 Hexachlorobutadiene  
 Concen: 53.27 ug/l  
 RT: 15.01 min Scan# 4174  
 Delta R.T. 0.00 min  
 Lab File: VN050866.D  
 Acq: 24 Aug 2018 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.2  | 31.3  | 93.8  |
| 227     | 64.4  | 32.0  | 96.2  |





#95

Naphthalene

Concen: 44.49 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

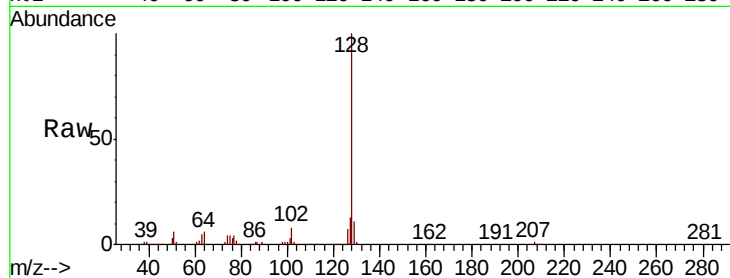
Tot Ion:128 Resp: 762962

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

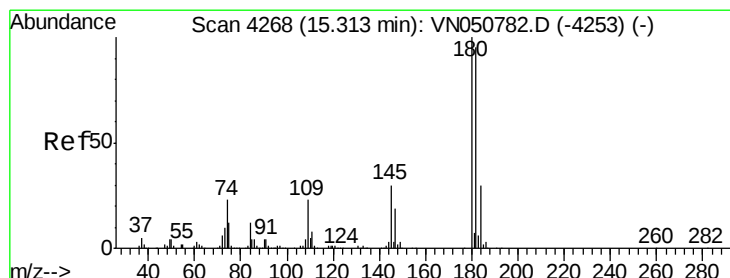
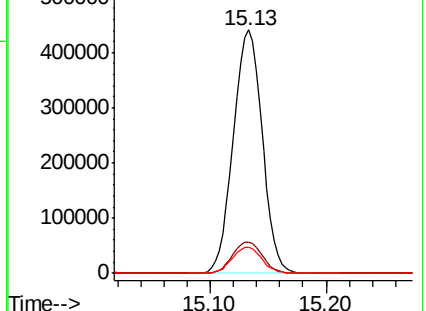
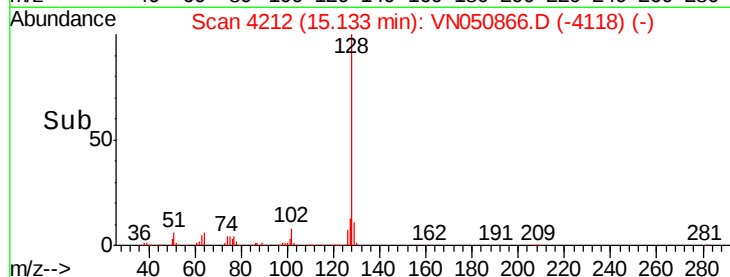
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.86 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

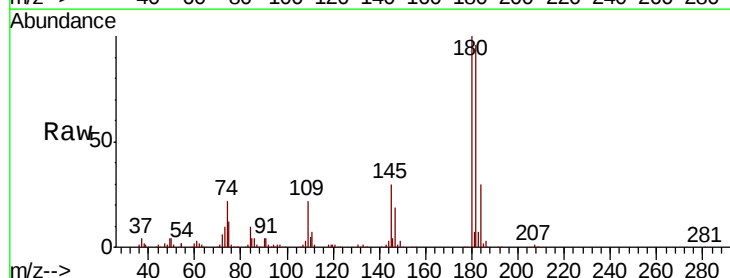
Tgt Ion:180 Resp: 373437

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.2

145 29.5 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

