

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082418\  
 Data File : VN050869.D  
 Acq On : 24 Aug 2018 12:00  
 Operator : MD\SY  
 Sample : VN0824MBS01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0824MBS01

Quant Time: Aug 24 22:51:09 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  | 596254   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 863287   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 776253   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 380314   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 348503   | 48.55 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.10% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 333942   | 48.62 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.24% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1249566  | 48.66 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.32% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 402927   | 47.22 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.44% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 169973   | 21.30  | ug/l   | 99     |
| 3) Chloromethane              | 2.06 | 50   | 189332   | 19.24  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.18 | 62   | 183375   | 19.67  | ug/l   | 100    |
| 5) Bromomethane               | 2.57 | 94   | 106264   | 19.40  | ug/l   | 96     |
| 6) Chloroethane               | 2.70 | 64   | 105501   | 19.59  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.01 | 101  | 237493   | 19.89  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.41 | 74   | 80582    | 19.85  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101  | 146466   | 19.64  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.95 | 142  | 106680   | 20.57  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.79 | 59   | 44990    | 98.43  | ug/l # | 86     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 131525   | 19.64  | ug/l   | 99     |
| 13) Acrolein                  | 3.61 | 56   | 19600    | 86.08  | ug/l   | 98     |
| 14) Allyl chloride            | 4.33 | 41   | 204412   | 19.59  | ug/l   | 99     |
| 15) Acrylonitrile             | 4.99 | 53   | 227073   | 97.75  | ug/l   | 100    |
| 16) Acetone                   | 3.82 | 43   | 170041   | 95.68  | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.05 | 76   | 397792   | 17.72  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.33 | 43   | 134940   | 19.91  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 343470   | 20.39  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.55 | 84   | 152853   | 18.89  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96   | 137948   | 19.05  | ug/l   | 99     |
| 22) Diisopropyl ether         | 5.95 | 45   | 430759   | 20.71  | ug/l   | 96     |
| 23) Vinyl Acetate             | 5.90 | 43   | 1317231  | 98.35  | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 262186   | 19.64  | ug/l   | 98     |
| 25) 2-Butanone                | 6.84 | 43   | 251315   | 86.88  | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 210363   | 19.61  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 156749   | 20.07  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.20 | 49   | 109888   | 19.37  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.22 | 42   | 168456   | 101.57 | ug/l   | 99     |
| 30) Chloroform                | 7.37 | 83   | 264823   | 20.03  | ug/l   | 100    |
| 31) Cyclohexane               | 7.65 | 56   | 232126   | 19.42  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 221533   | 19.51  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.80 | 75   | 196617   | 19.30  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.93 | 43   | 116118   | 19.84  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.78 | 117  | 201411   | 19.56  | ug/l   | 99     |

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 Operator : MD\SY  
 Sample : VN0824MBS01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0824MBS01

Quant Time: Aug 24 22:51:09 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   | 207266   | 18.81  | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 611037   | 19.89  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 65692    | 20.74  | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 181167   | 19.73  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 201927   | 20.07  | ug/l   | 98       |
| 44) Trichloroethene            | 8.84  | 130  | 158718   | 19.59  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 160265   | 19.85  | ug/l   | 100      |
| 46) Dibromomethane             | 9.21  | 93   | 93350    | 19.68  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 199767   | 20.11  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 97536    | 19.02  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 27570    | 394.41 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 566631   | 94.37  | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 369885   | 20.33  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 185339   | 18.74  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 221363   | 19.55  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 134298   | 19.88  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 151121   | 18.74  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 221962   | 19.91  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 318389   | 91.21  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 361727   | 90.50  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 146708   | 19.40  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 130133   | 19.92  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 143897   | 19.52  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 397300   | 19.58  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 147129   | 19.82  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 651107   | 19.74  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 511070   | 40.82  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 245210   | 20.37  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 384597   | 18.94  | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 100032   | 19.59  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 642045   | 20.39  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 151337   | 19.13  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 163946   | 20.88  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 189982   | 28.52  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 168278   | 19.66  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 722610   | 20.54  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 443233   | 20.23  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 535348   | 21.07  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 38418    | 19.50  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 439880   | 20.33  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 452593   | 20.57  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 529326   | 20.71  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 597548   | 20.72  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 517722   | 21.07  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 282800   | 19.47  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 271997   | 19.03  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 372740   | 18.97  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 93828    | 20.15  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 280101   | 19.99  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 21777    | 19.26  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN082418\  
Data File : VN050869.D  
Acq On : 24 Aug 2018 12:00  
Operator : MD\SY  
Sample : VN0824MBS01  
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0824MBS01

Quant Time: Aug 24 22:51:09 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

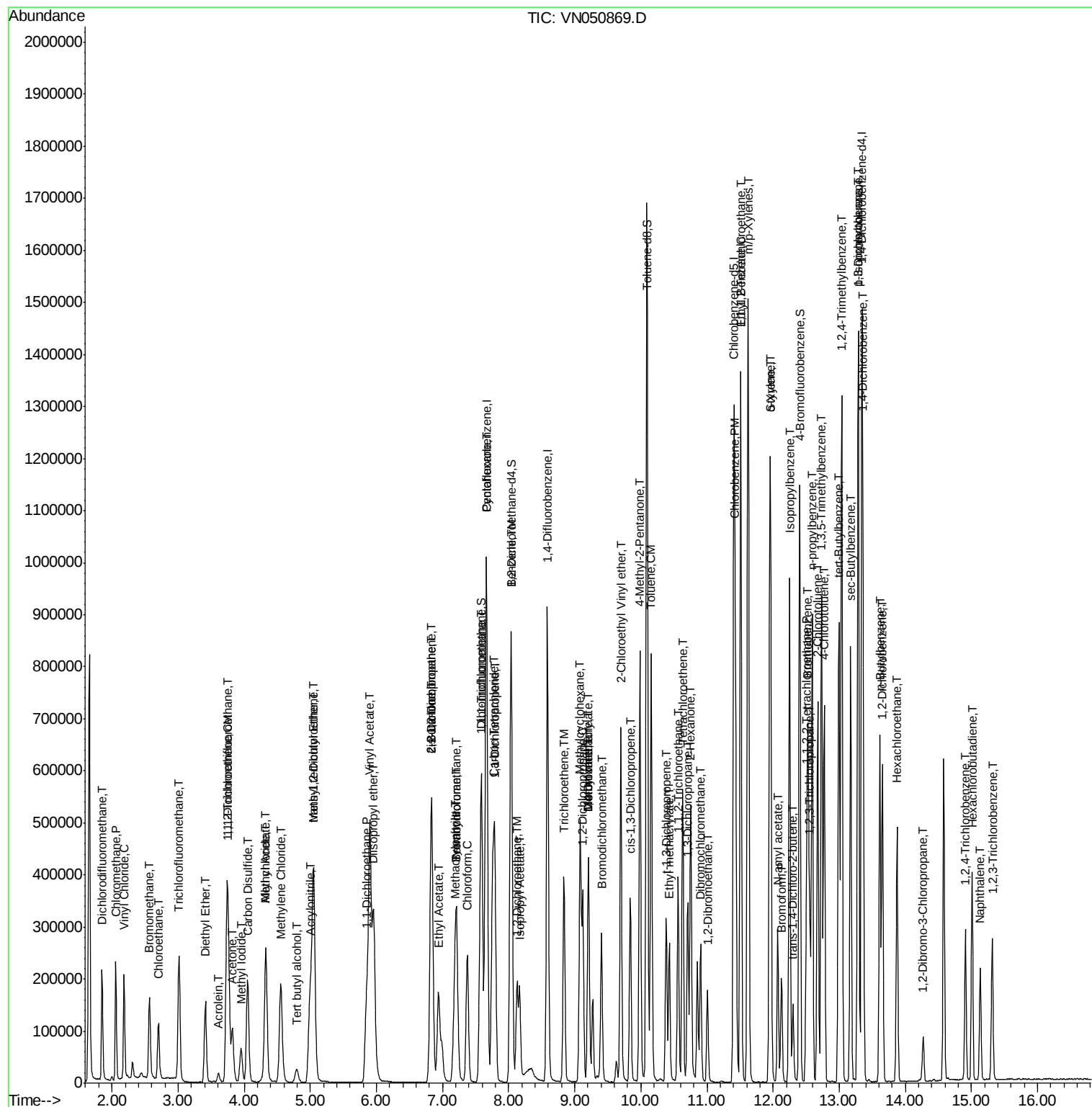
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 103289   | 17.10 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 84970    | 19.78 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 183933   | 16.20 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 105001   | 17.65 | ug/l  | 99       |

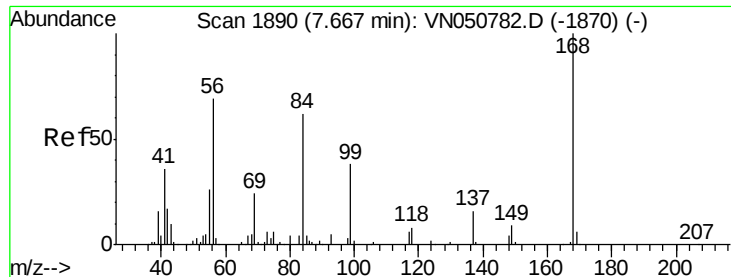
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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
Client Sample Id :  
VN0824MBS01

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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampled :

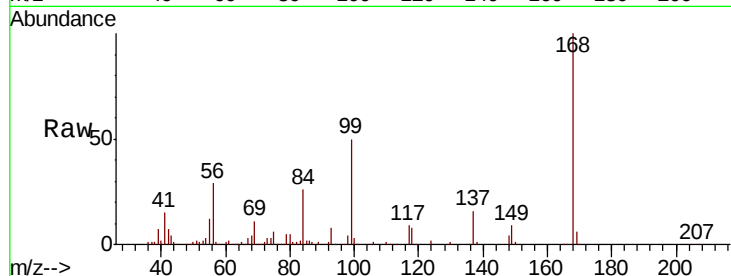
VN0824MBS01

Tot Ion:168 Resp: 596254

Ion Ratio Lower Upper

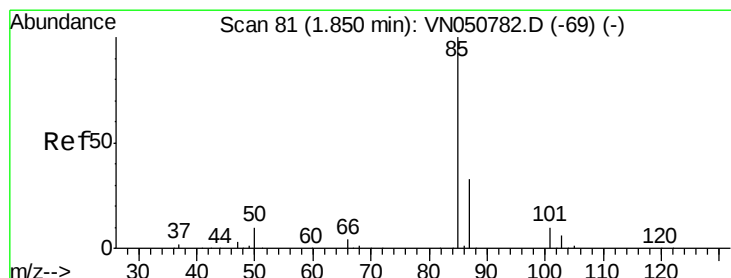
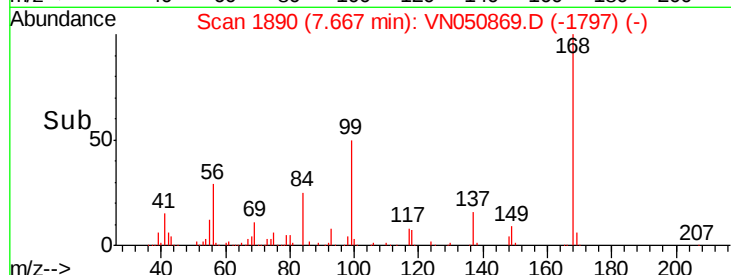
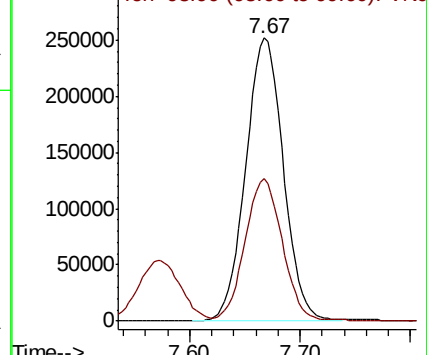
168 100

99 49.7 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 21.30 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050869.D

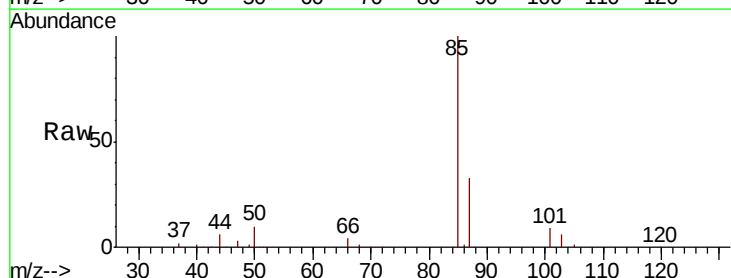
Acq: 24 Aug 2018 12:00

Tgt Ion: 85 Resp: 169973

Ion Ratio Lower Upper

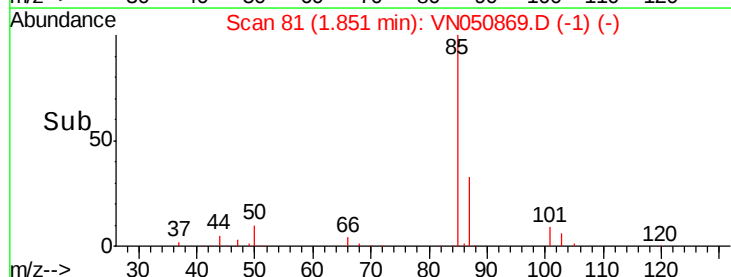
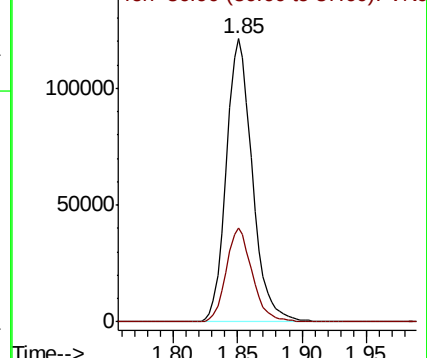
85 100

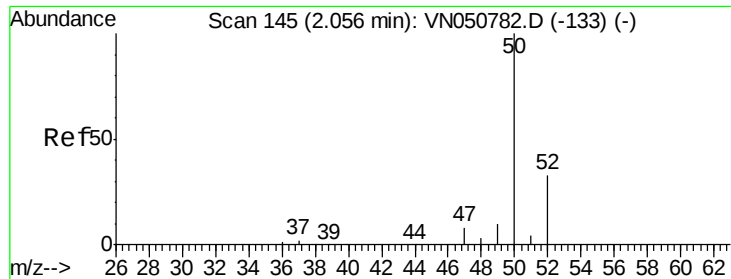
87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 19.24 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

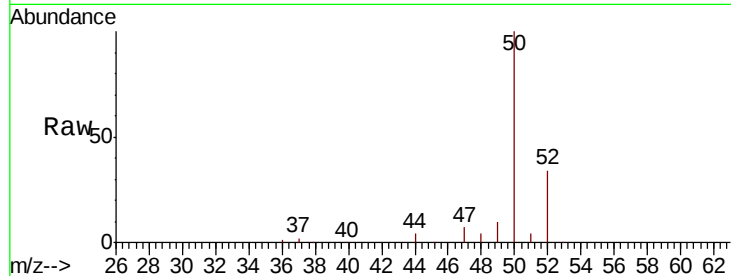
VN0824MBS01

Tot Ion: 50 Resp: 189332

Ion Ratio Lower Upper

50 100

52 33.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

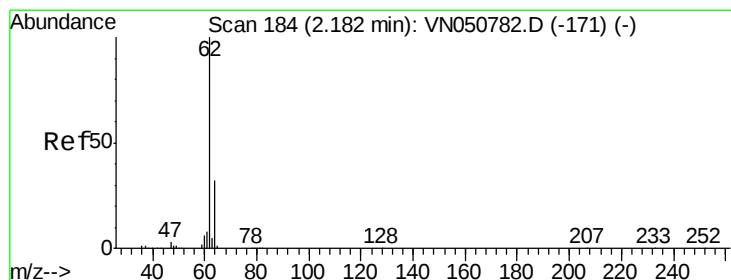
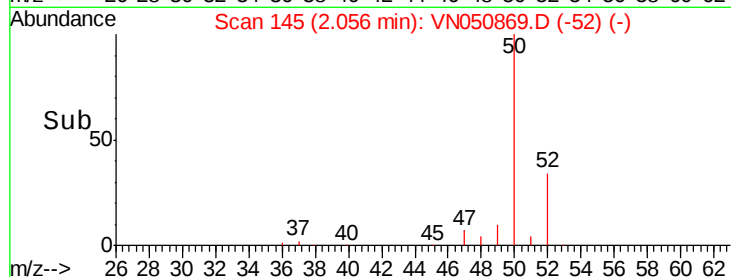
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 19.67 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050869.D

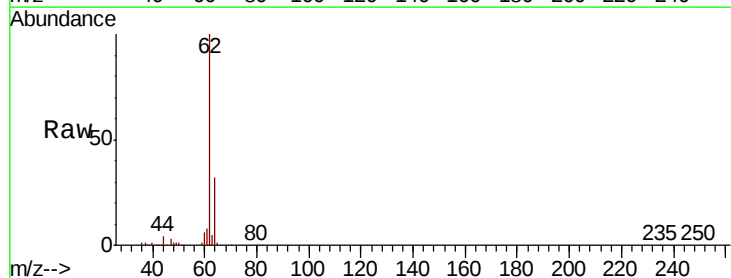
Acq: 24 Aug 2018 12:00

Tgt Ion: 62 Resp: 183375

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

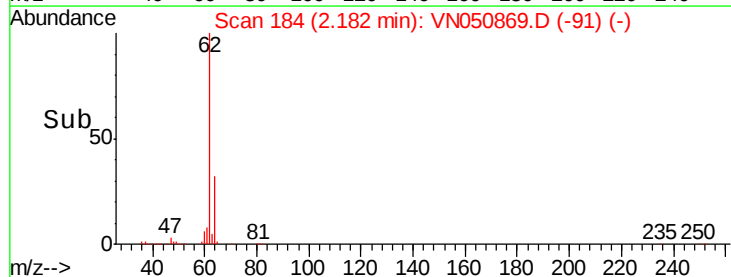
2.18

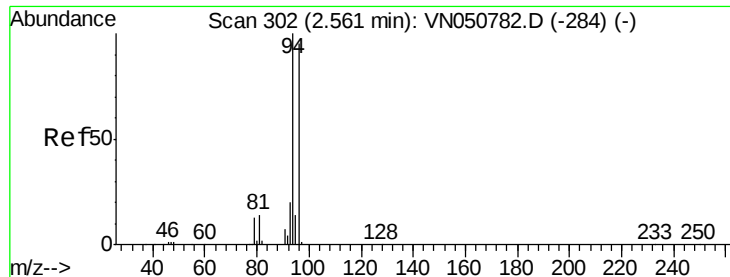
100000

50000

0

Time-->





#5

Bromomethane

Concen: 19.40 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

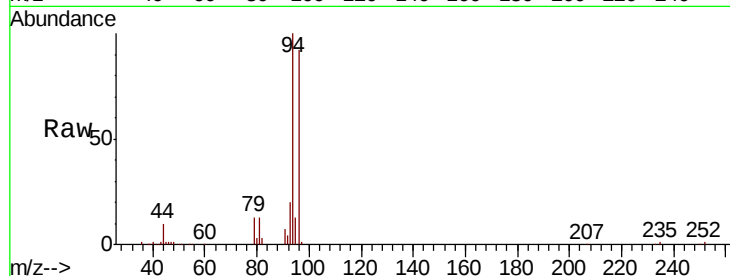
VN0824MBS01

Tot Ion: 94 Resp: 106264

Ion Ratio Lower Upper

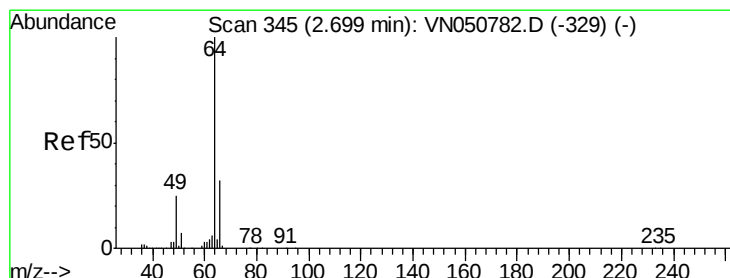
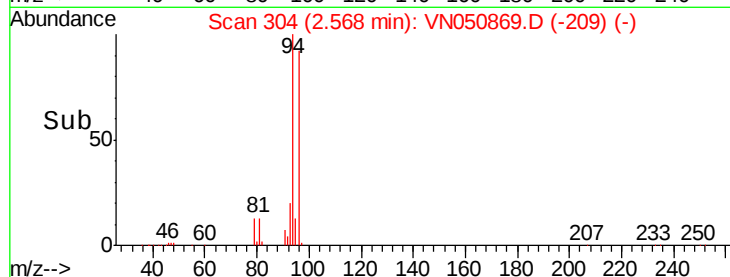
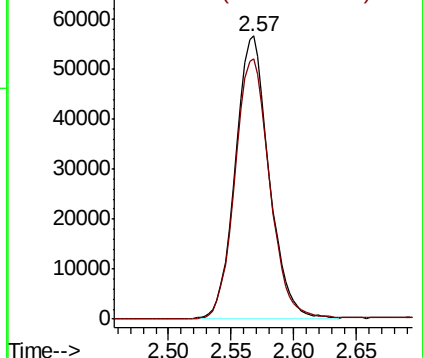
94 100

96 91.5 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: 19.59 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050869.D

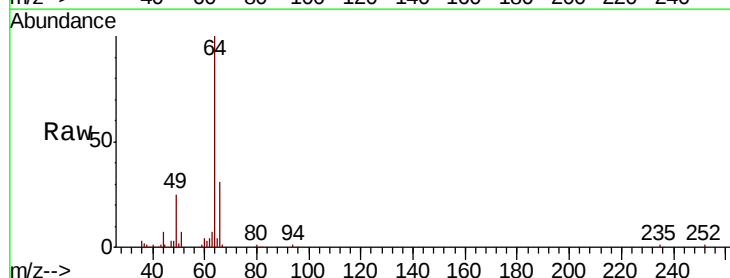
Acq: 24 Aug 2018 12:00

Tgt Ion: 64 Resp: 105501

Ion Ratio Lower Upper

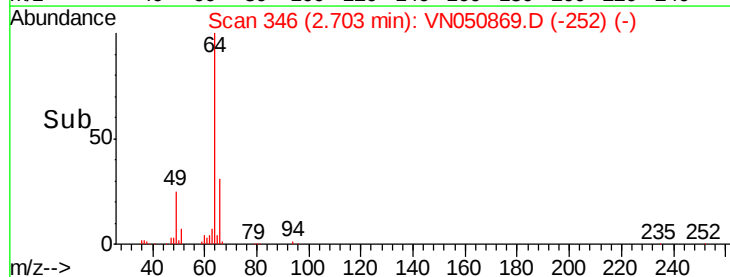
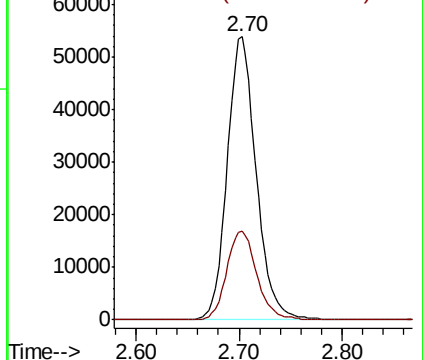
64 100

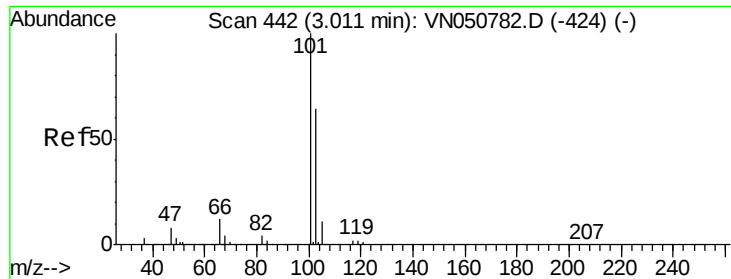
66 31.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 19.89 ug/l

RT: 3.01 min Scan# 443

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

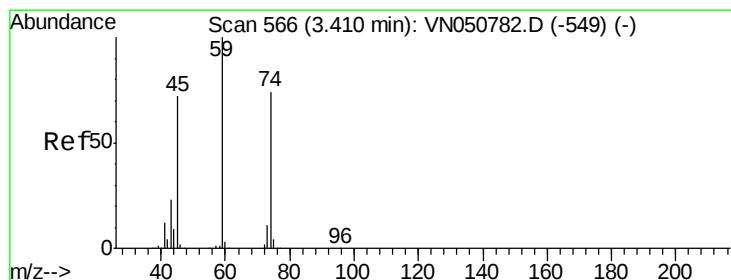
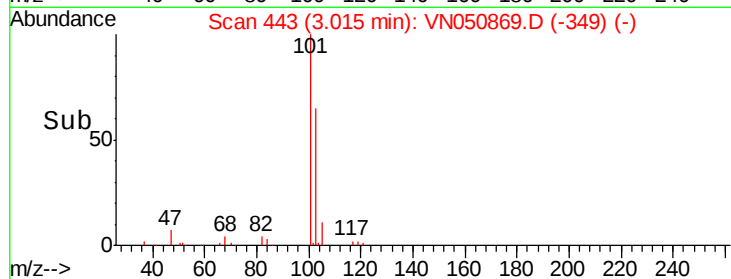
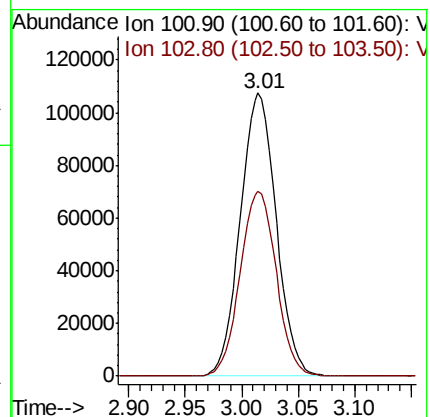
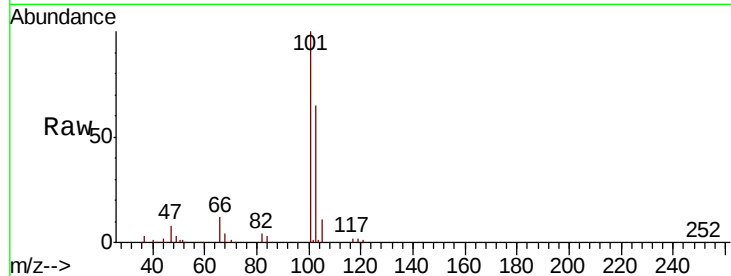
VN0824MBS01

Tot Ion:101 Resp: 237493

Ion Ratio Lower Upper

101 100

103 65.3 51.6 77.4



#8

Diethyl Ether

Concen: 19.85 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050869.D

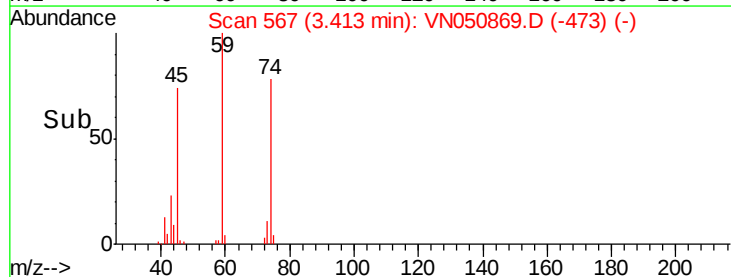
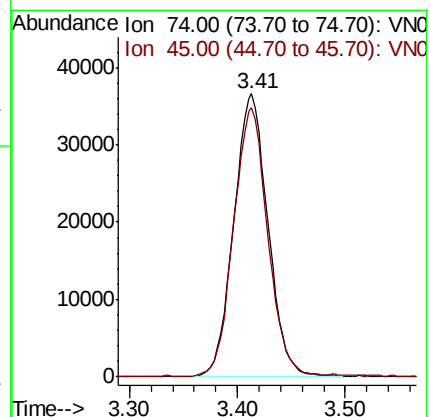
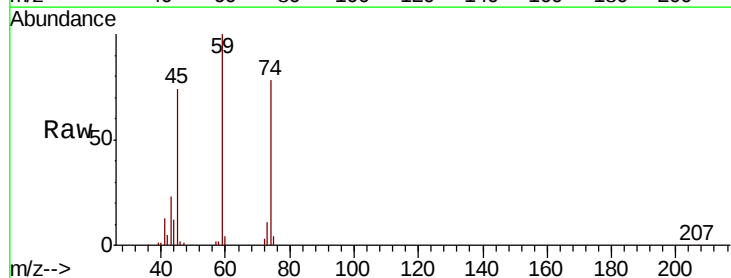
Acq: 24 Aug 2018 12:00

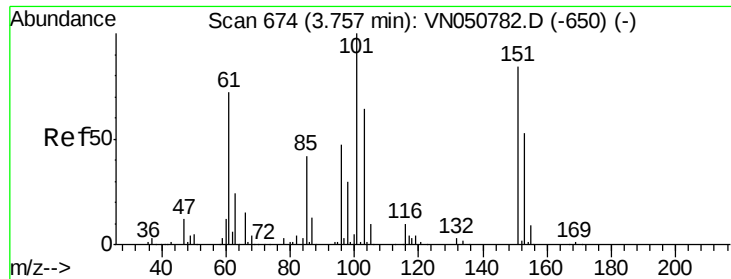
Tgt Ion: 74 Resp: 80582

Ion Ratio Lower Upper

74 100

45 95.6 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.64 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0824MBS01

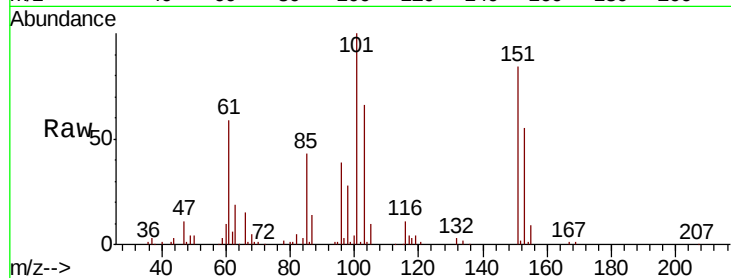
Tot Ion:101 Resp: 146466

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

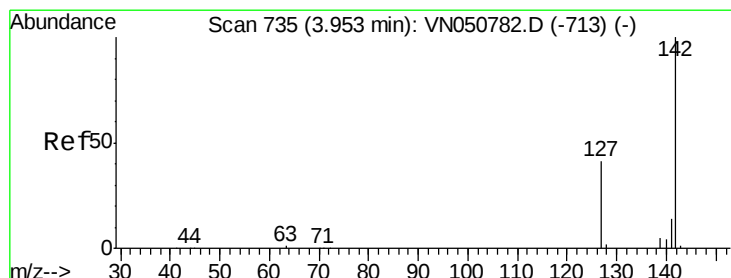
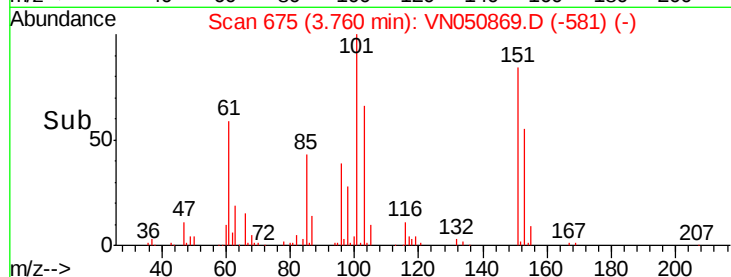
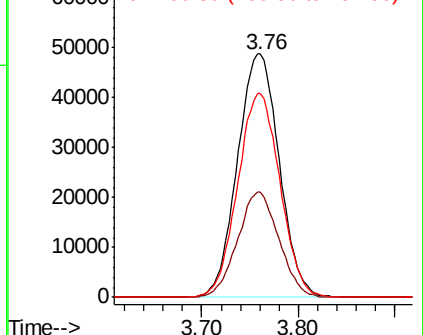
151 84.8 67.4 101.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.57 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

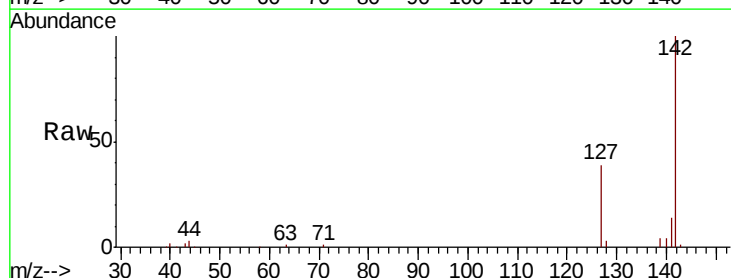
Tgt Ion:142 Resp: 106680

Ion Ratio Lower Upper

142 100

127 40.4 31.7 47.5

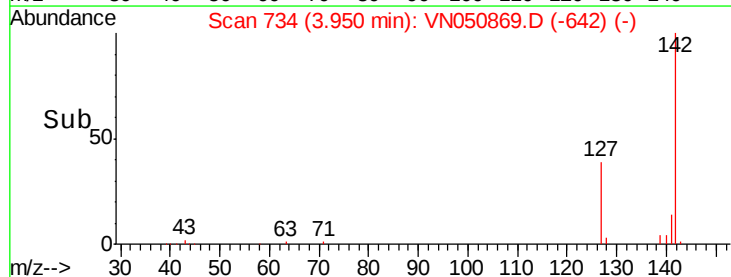
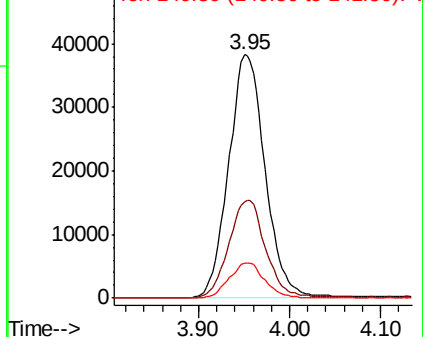
141 13.9 11.4 17.0

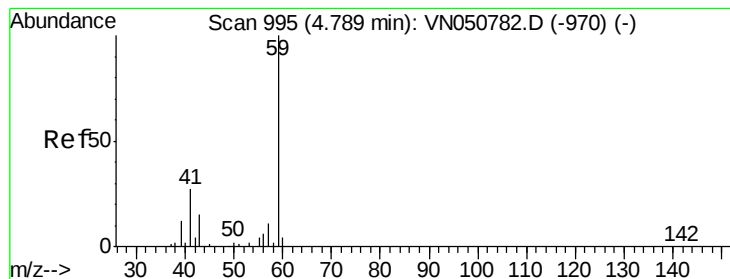


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.43 ug/l

RT: 4.79 min Scan# 996

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampled :

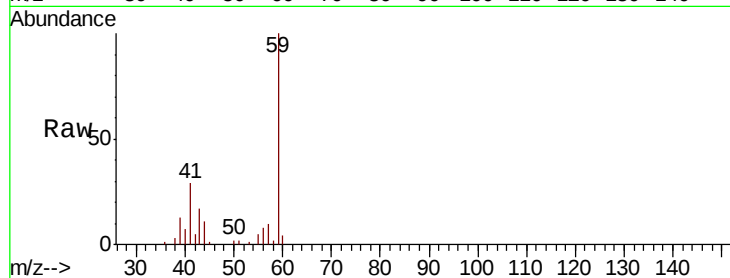
VN0824MBS01

Tot Ion: 59 Resp: 44990

Ion Ratio Lower Upper

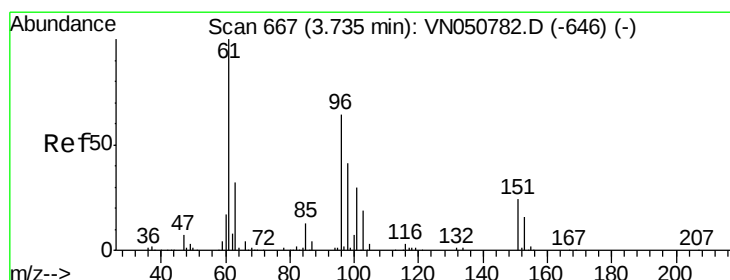
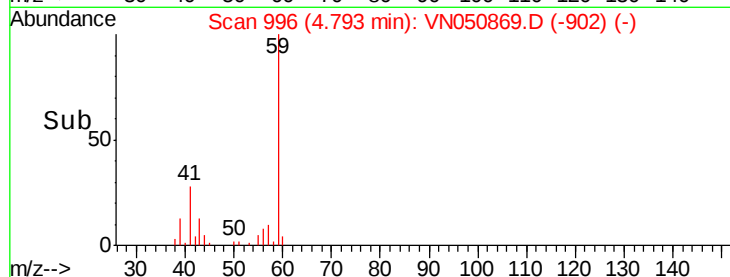
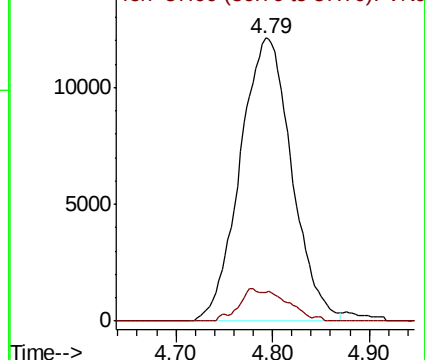
59 100

57 5.1 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 19.64 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

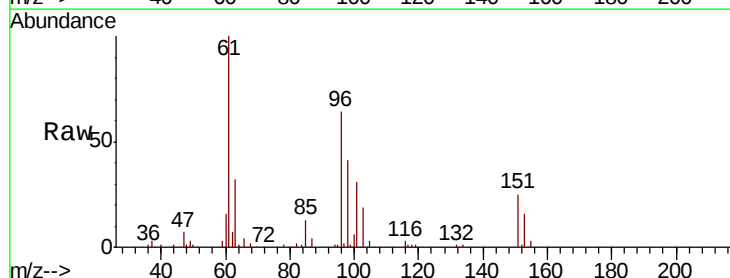
Tgt Ion: 96 Resp: 131525

Ion Ratio Lower Upper

96 100

61 154.7 124.9 187.3

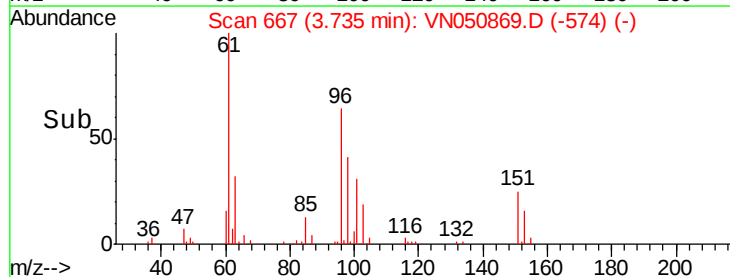
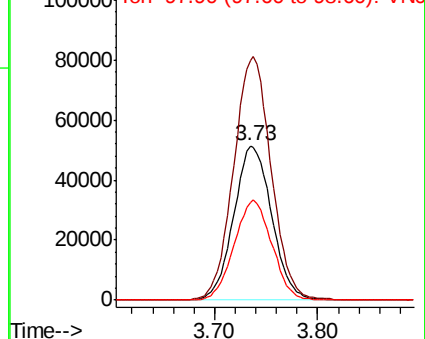
98 63.4 51.1 76.7

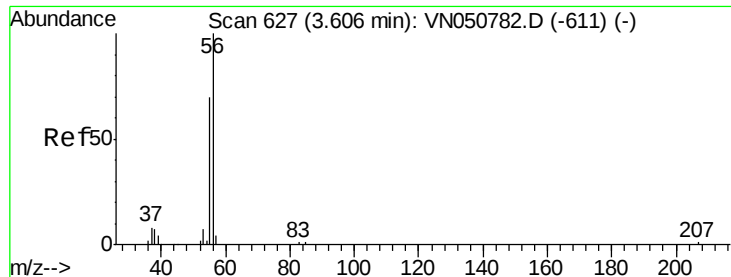


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 86.08 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

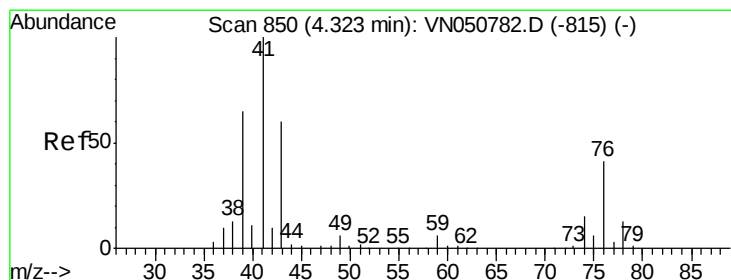
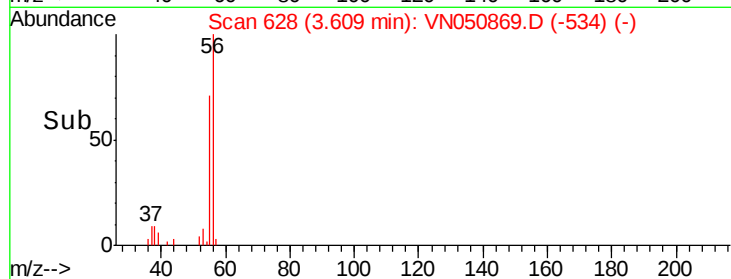
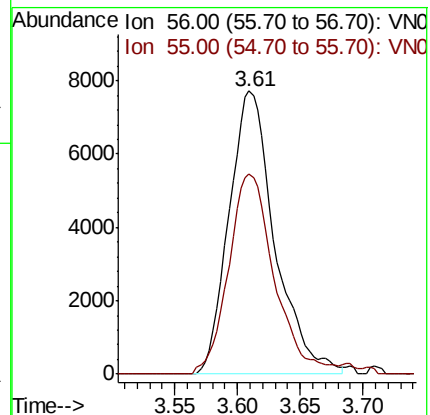
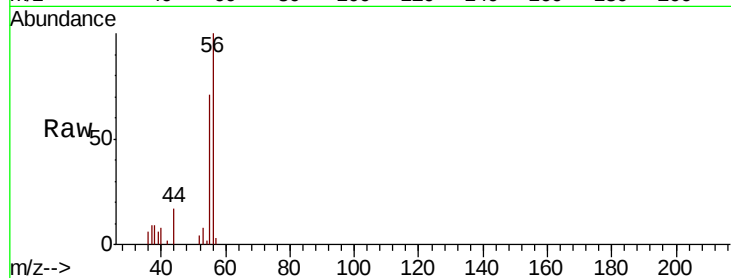
VN0824MBS01

Tot Ion: 56 Resp: 19600

Ion Ratio Lower Upper

56 100

55 70.6 57.7 86.5



#14

Allyl chloride

Concen: 19.59 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

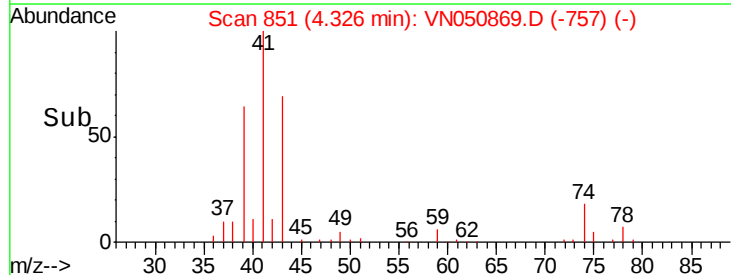
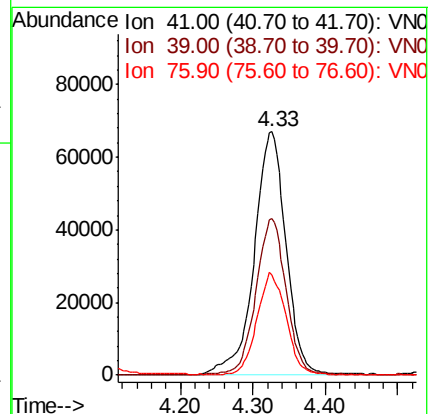
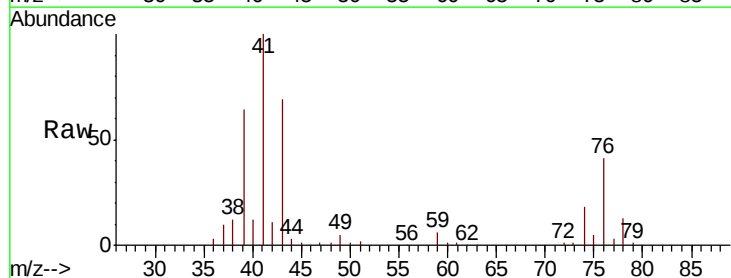
Tgt Ion: 41 Resp: 204412

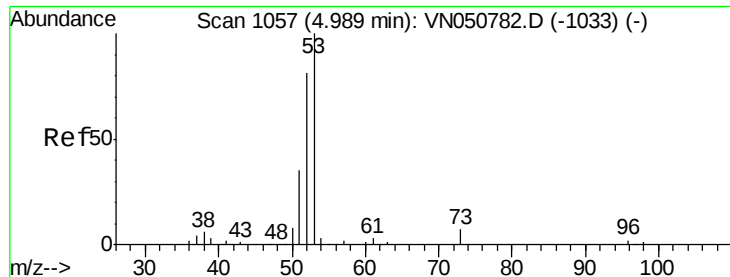
Ion Ratio Lower Upper

41 100

39 61.4 50.2 75.2

76 37.8 29.8 44.8





#15

Acrylonitrile

Concen: 97.75 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0824MBS01

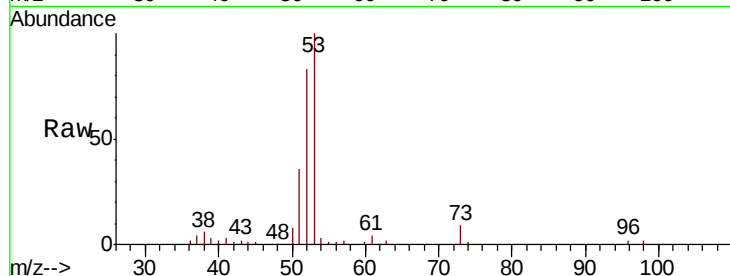
Tot Ion: 53 Resp: 227073

Ion Ratio Lower Upper

53 100

52 82.3 65.9 98.9

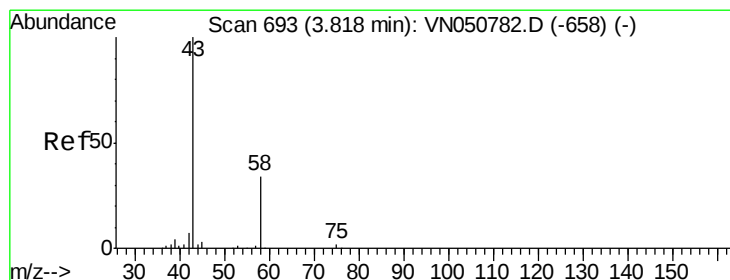
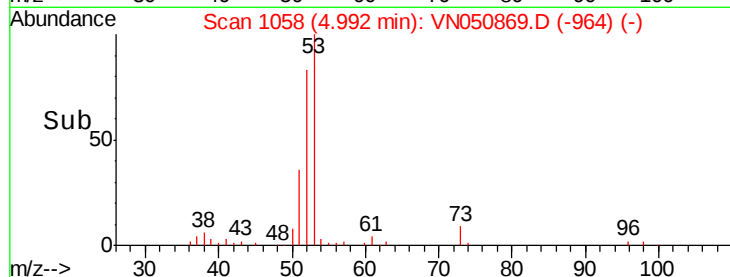
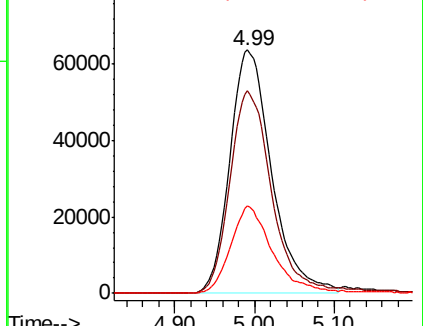
51 35.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 95.68 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050869.D

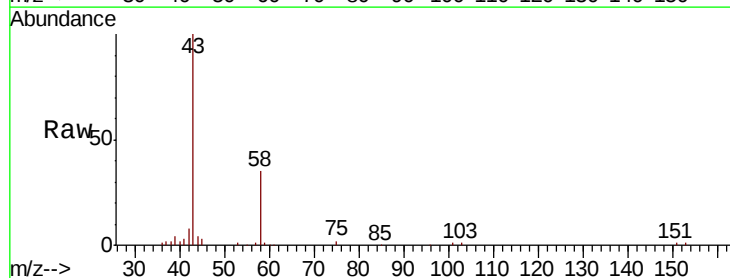
Acq: 24 Aug 2018 12:00

Tgt Ion: 43 Resp: 170041

Ion Ratio Lower Upper

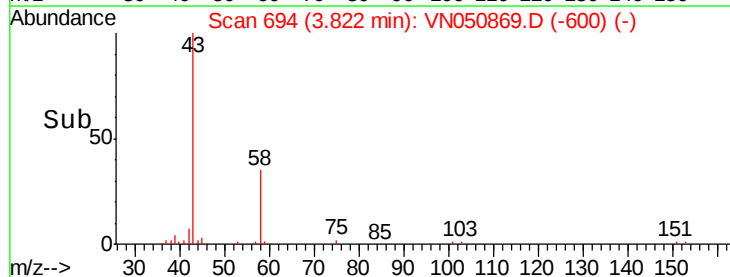
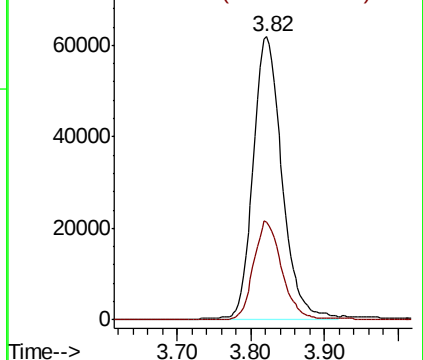
43 100

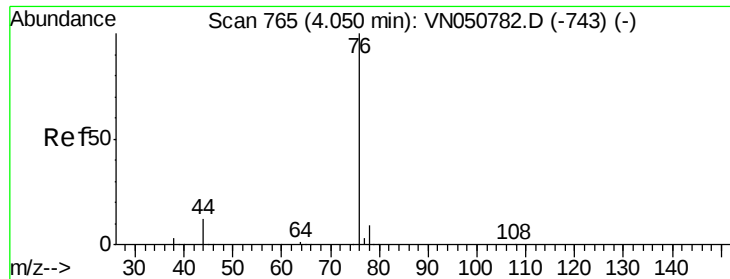
58 34.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

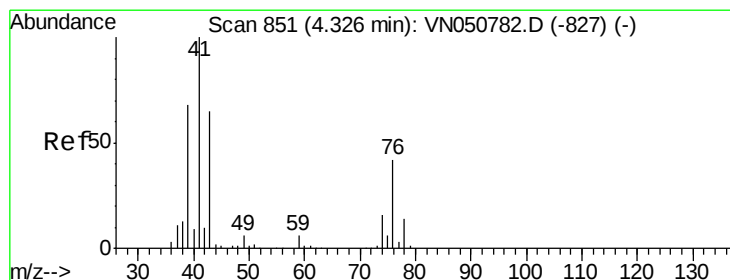
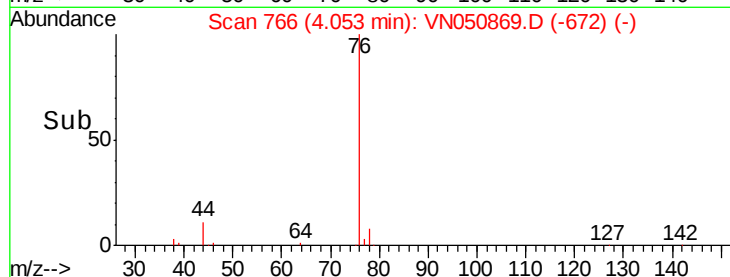
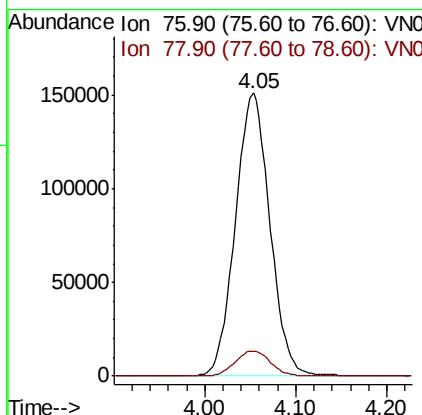
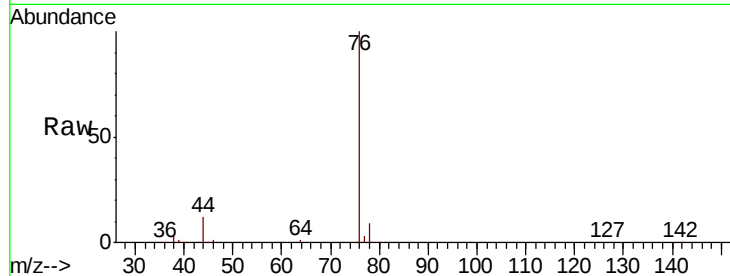




#17  
Carbon Disulfide  
Concen: 17.72 ug/l  
RT: 4.05 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

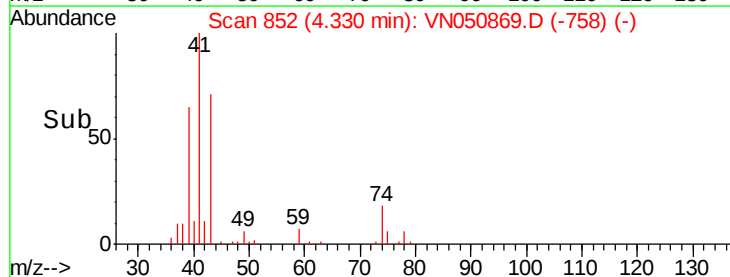
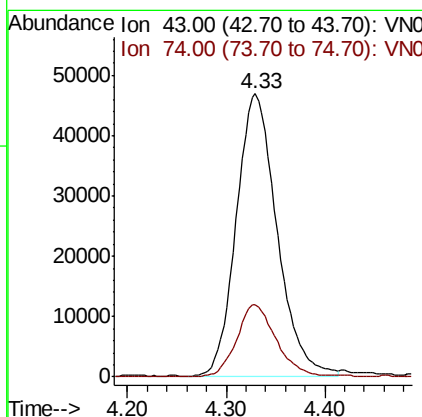
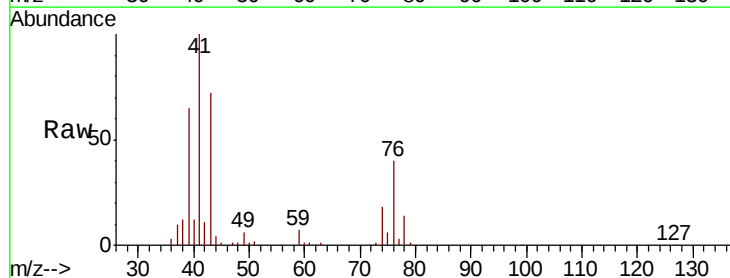
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0824MBS01

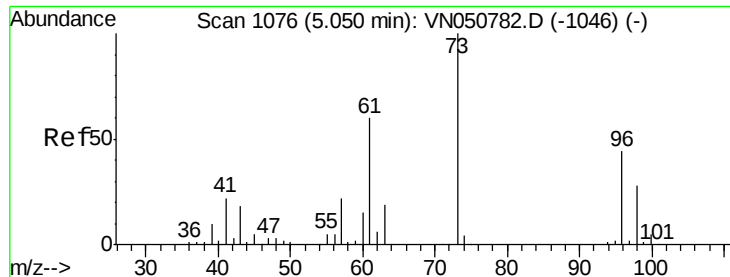
Tot Ion: 76 Resp: 397792  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.3 10.9



#18  
Methyl Acetate  
Concen: 19.91 ug/l  
RT: 4.33 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Tgt Ion: 43 Resp: 134940  
Ion Ratio Lower Upper  
43 100  
74 24.8 19.8 29.8

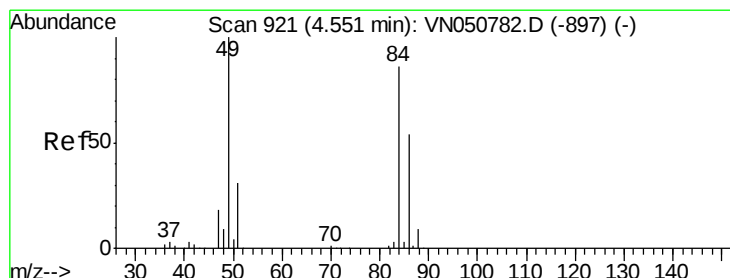
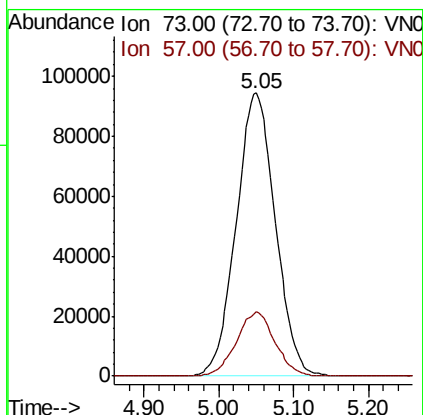
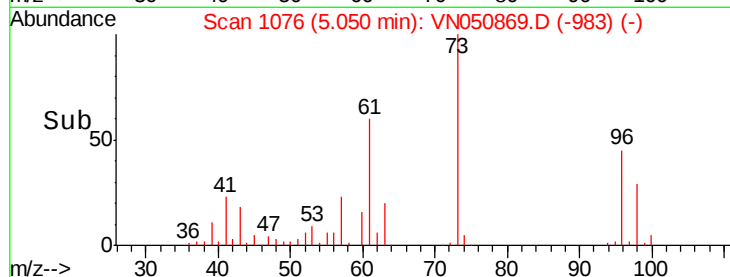
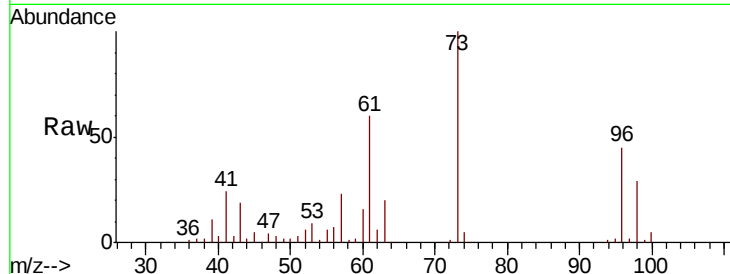




#19  
Methvl tert-butvl Ether  
Concen: 20.39 ug/l  
RT: 5.05 min Scan# 1076  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

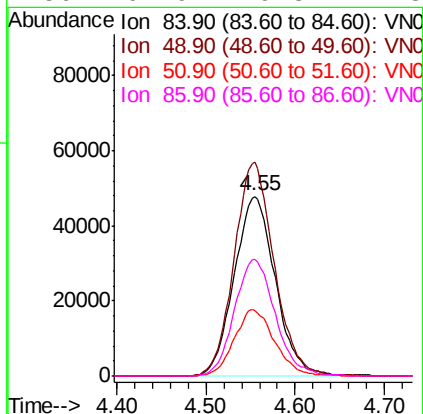
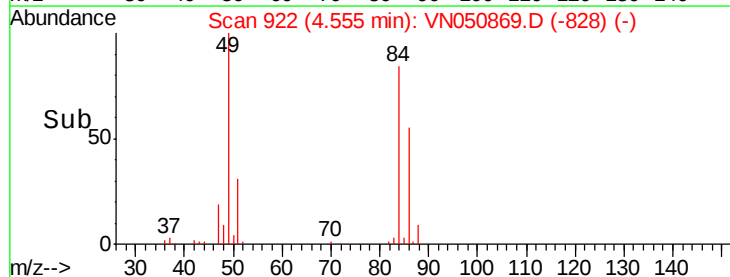
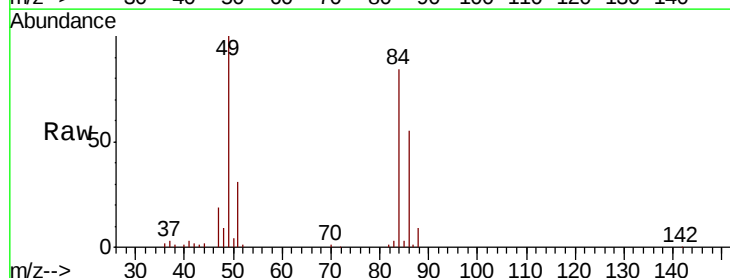
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0824MBS01

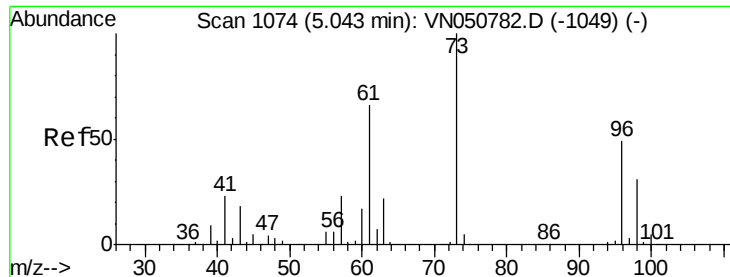
Tot Ion: 73 Resp: 343470  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.8 26.8



#20  
Methylene Chloride  
Concen: 18.89 ug/l  
RT: 4.55 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Tgt Ion: 84 Resp: 152853  
Ion Ratio Lower Upper  
84 100  
49 118.8 93.2 139.8  
51 36.4 29.0 43.6  
86 64.9 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 19.05 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0824MBS01

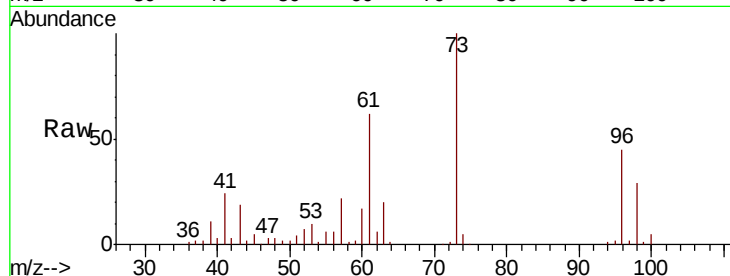
Tot Ion: 96 Resp: 137948

Ion Ratio Lower Upper

96 100

61 136.4 107.4 161.0

98 63.9 50.7 76.1

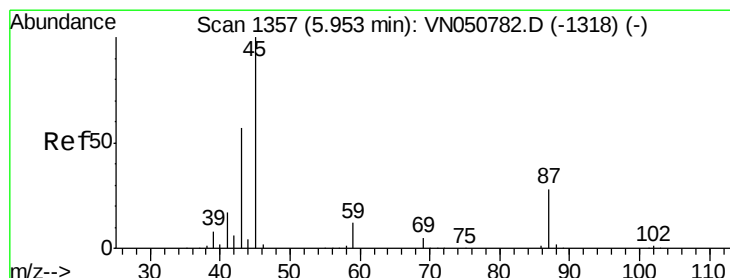
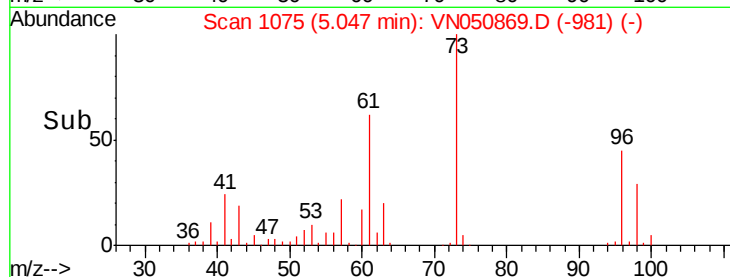
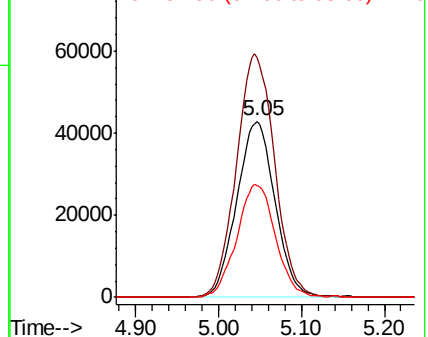


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.71 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Tgt Ion: 45 Resp: 430759

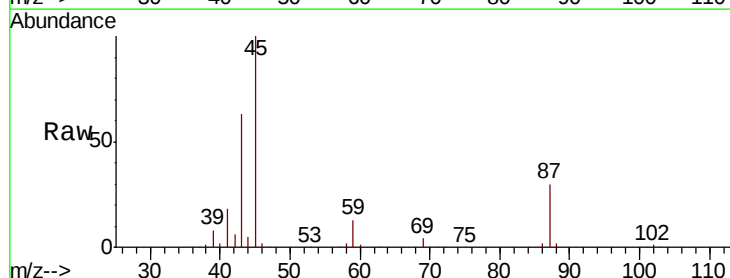
Ion Ratio Lower Upper

45 100

43 61.6 45.9 68.9

87 29.6 22.7 34.1

59 12.4 9.3 13.9



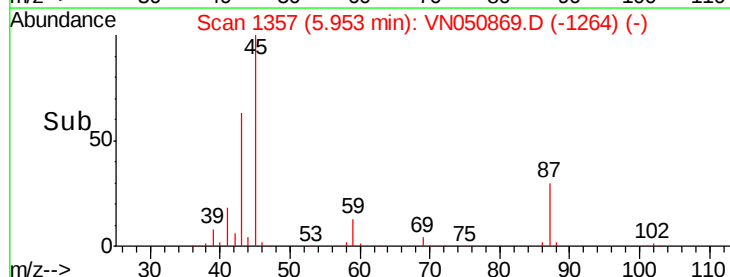
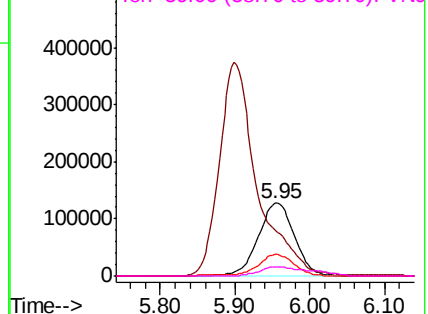
Abundance

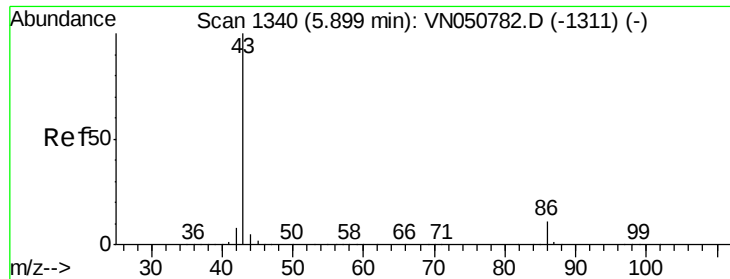
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

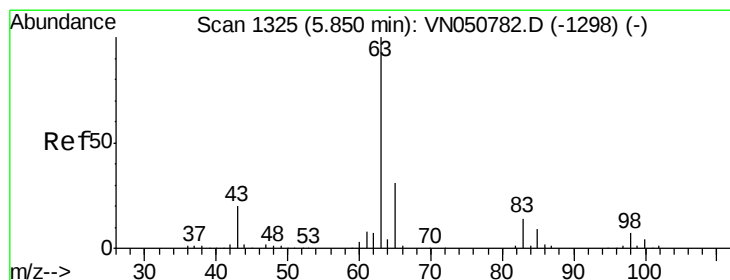
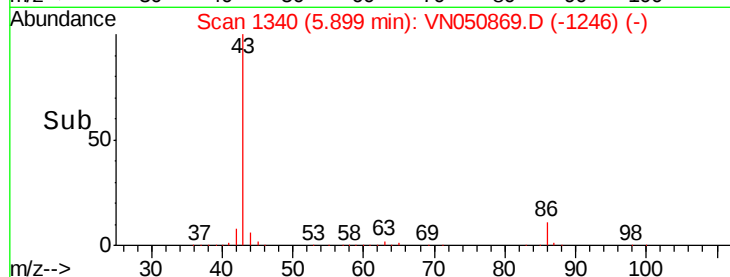
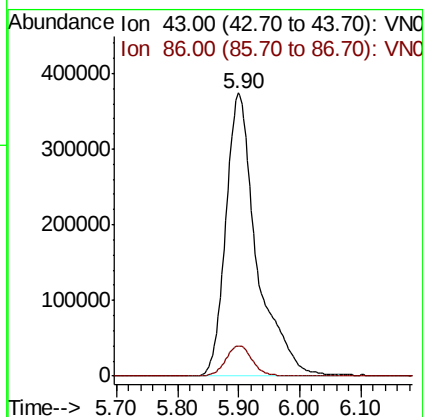
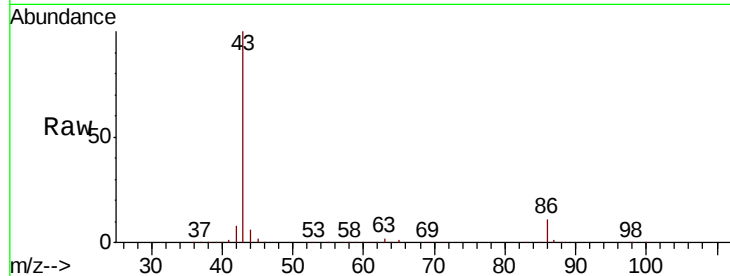




#23  
 Vinyl Acetate  
 Concen: 98.35 ug/l  
 RT: 5.90 min Scan# 1340  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

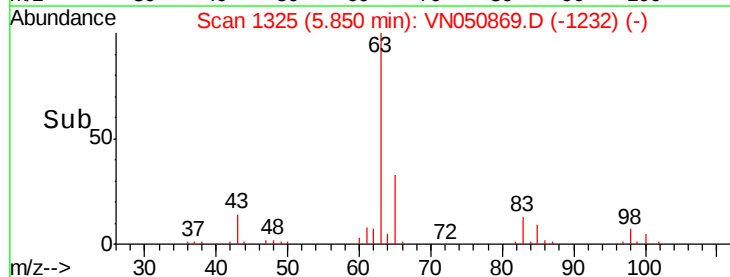
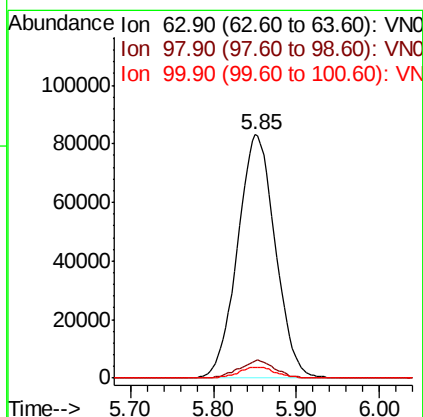
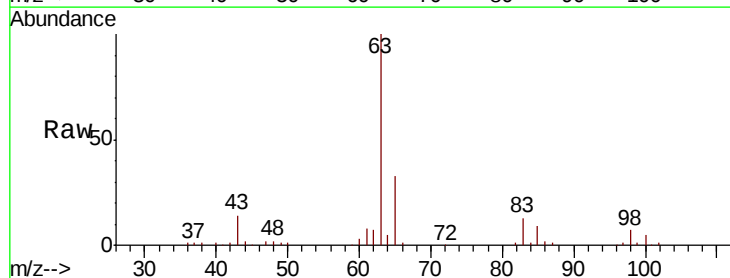
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0824MBS01

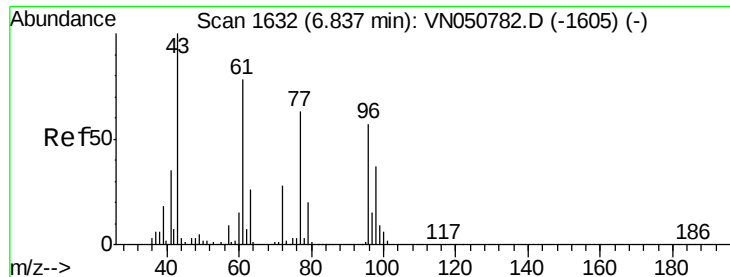
Tot Ion: 43 Resp: 1317231  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.7 13.1



#24  
 1,1-Dichloroethane  
 Concen: 19.64 ug/l  
 RT: 5.85 min Scan# 1325  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

Tgt Ion: 63 Resp: 262186  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.3 9.8  
 100 4.6 2.1 6.5

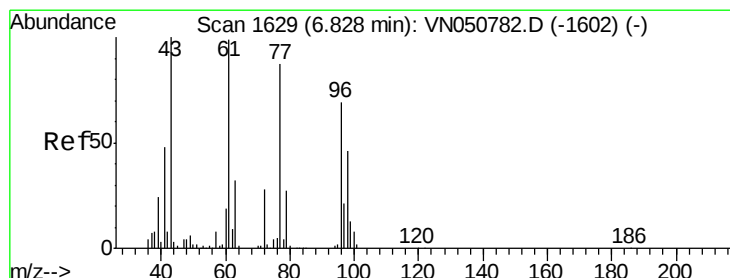
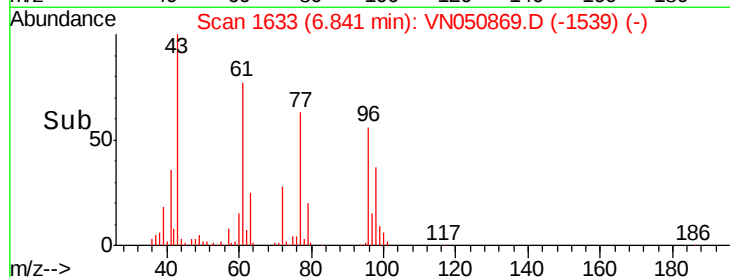
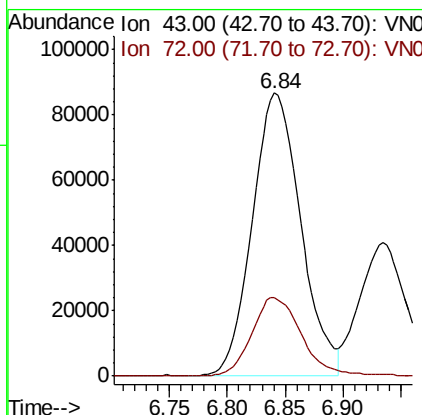
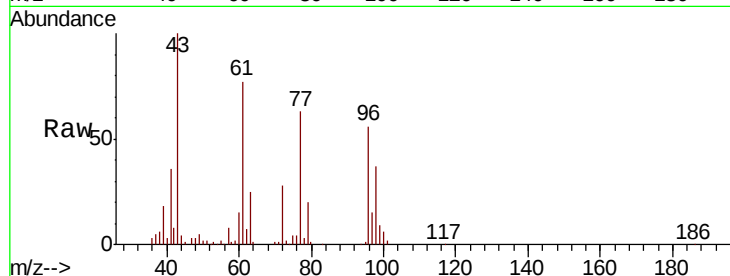




#25  
 2-Butanone  
 Concen: 86.88 ug/l  
 RT: 6.84 min Scan# 1633  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

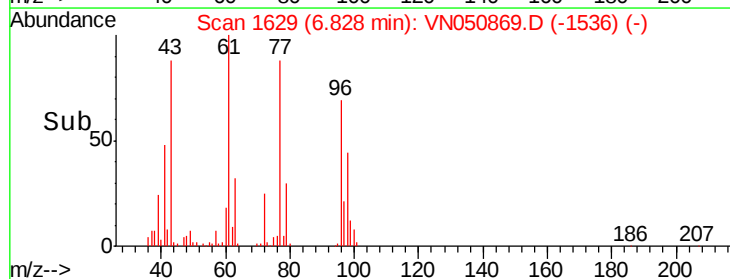
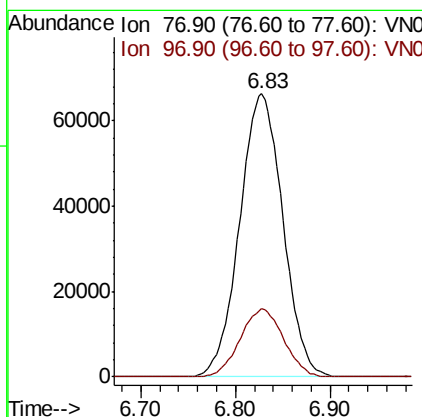
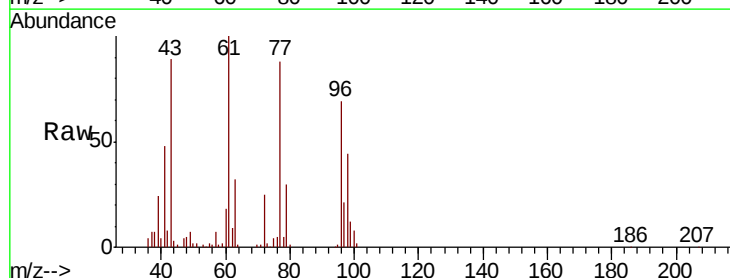
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0824MBS01

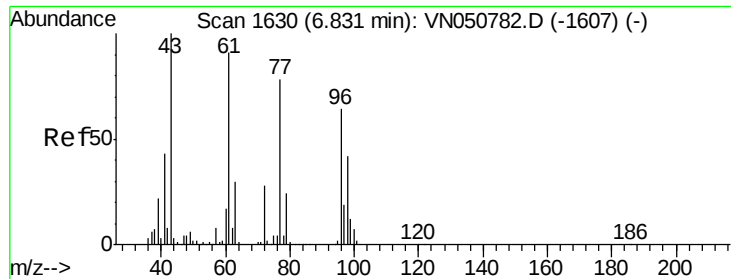
Tot Ion: 43 Resp: 251315  
 Ion Ratio Lower Upper  
 43 100  
 72 27.6 22.3 33.5



#26  
 2,2-Dichloropropane  
 Concen: 19.61 ug/l  
 RT: 6.83 min Scan# 1629  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

Tgt Ion: 77 Resp: 210363  
 Ion Ratio Lower Upper  
 77 100  
 97 24.2 12.0 36.0

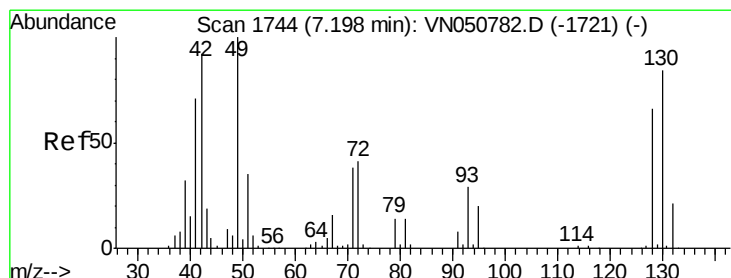
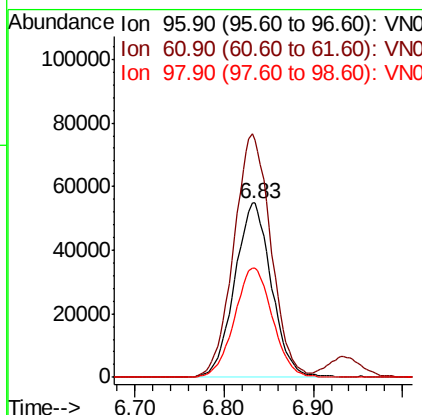
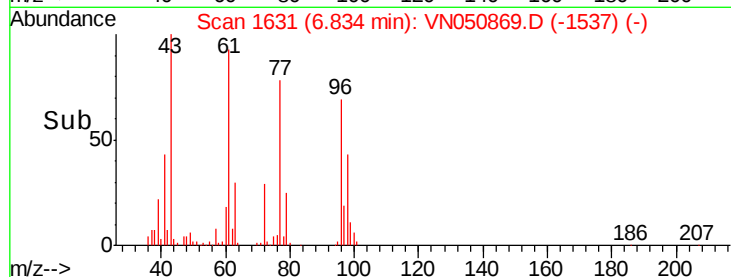
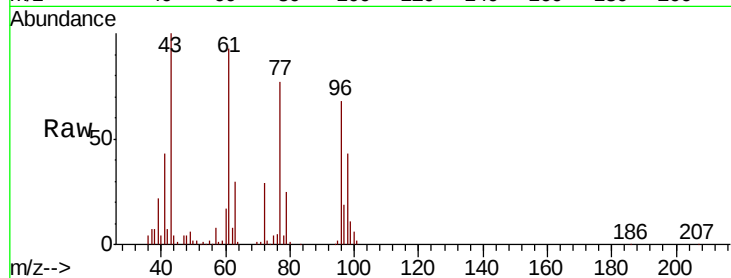




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.07 ug/l  
 RT: 6.83 min Scan# 1631  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

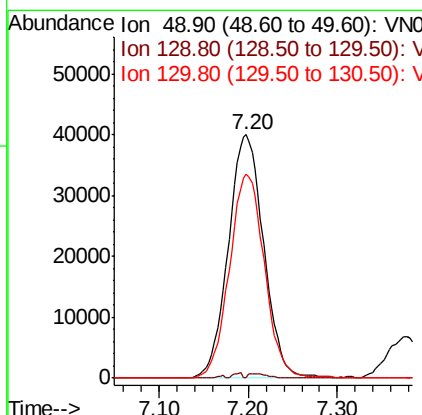
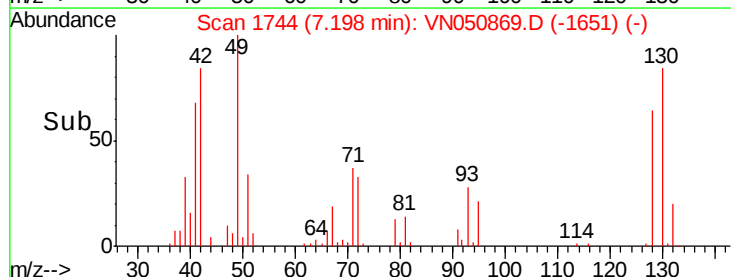
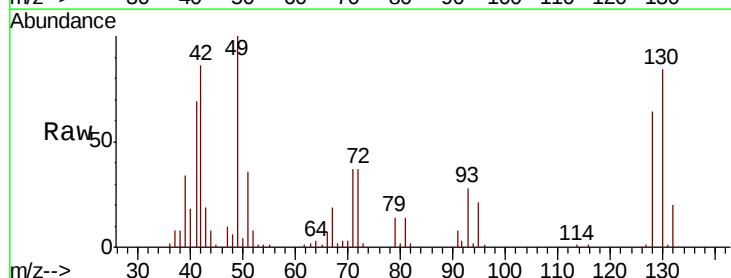
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0824MBS01

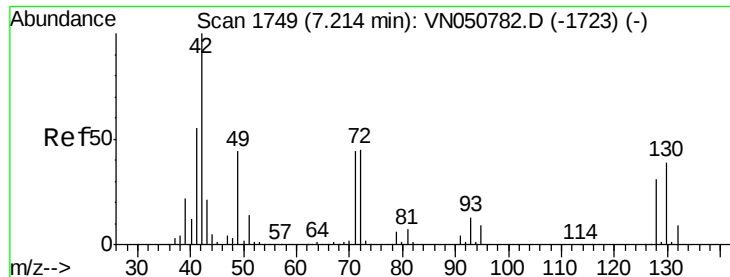
Tot Ion: 96 Resp: 156749  
 Ion Ratio Lower Upper  
 96 100  
 61 140.5 0.0 283.4  
 98 64.9 0.0 129.8



#28  
 Bromochloromethane  
 Concen: 19.37 ug/l  
 RT: 7.20 min Scan# 1744  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

Tgt Ion: 49 Resp: 109888  
 Ion Ratio Lower Upper  
 49 100  
 129 0.5 0.0 4.2  
 130 82.9 67.1 100.7





#29

Tetrahydrofuran

Concen: 101.57 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0824MBS01

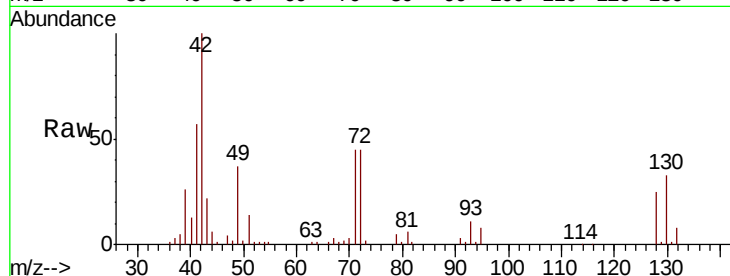
Tot Ion: 42 Resp: 168456

Ion Ratio Lower Upper

42 100

72 43.6 35.5 53.3

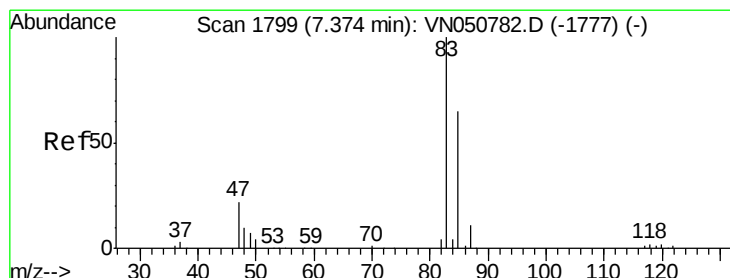
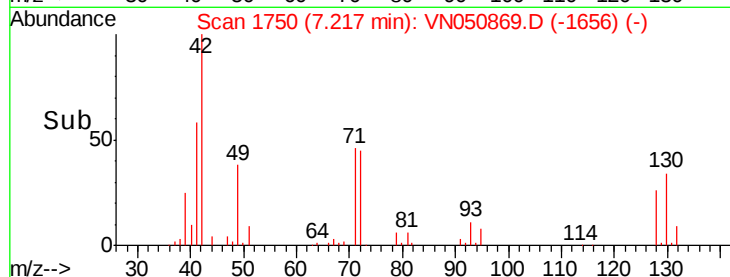
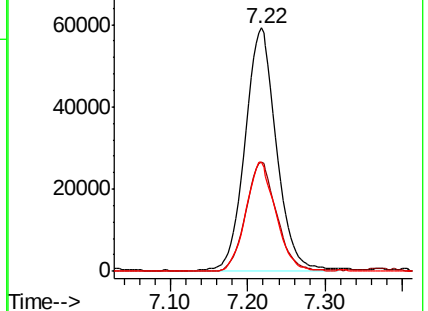
71 42.7 33.7 50.5



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 20.03 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050869.D

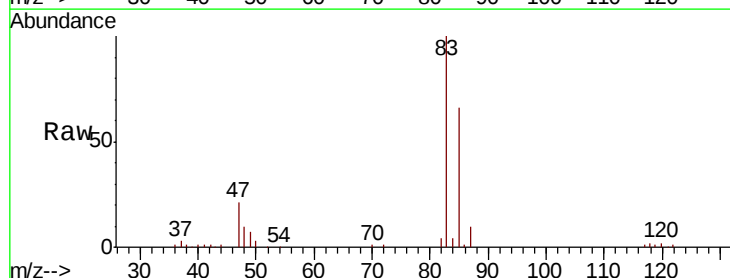
Acq: 24 Aug 2018 12:00

Tgt Ion: 83 Resp: 264823

Ion Ratio Lower Upper

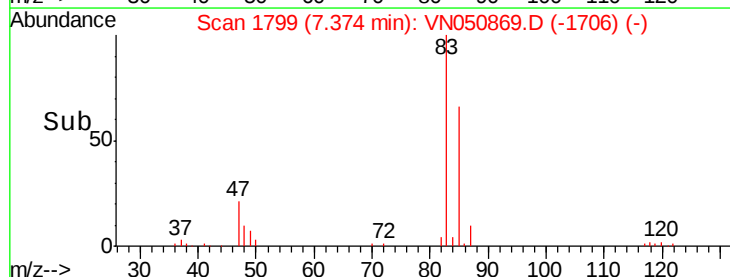
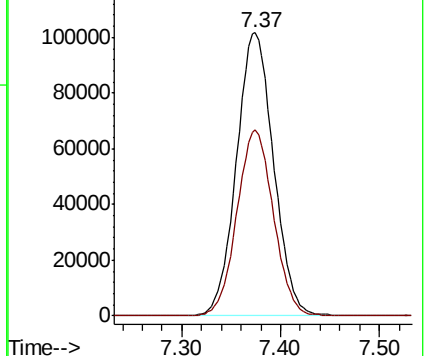
83 100

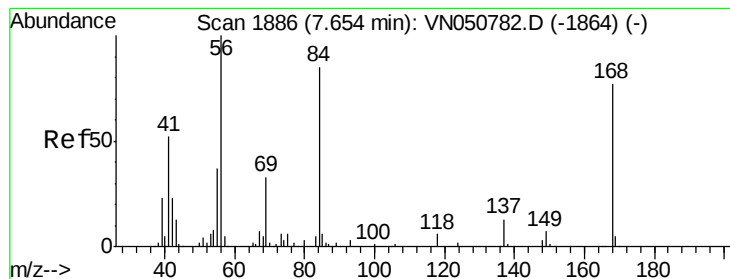
85 65.5 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.42 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampled :

VN0824MBS01

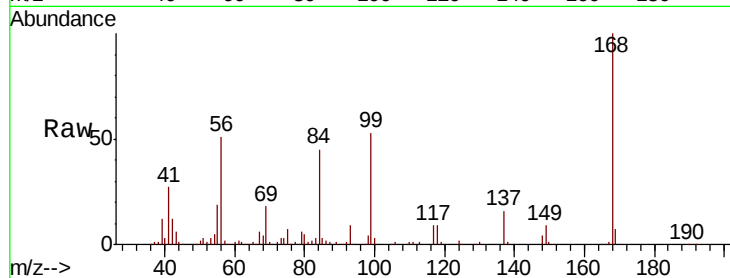
Tot Ion: 56 Resp: 232126

Ion Ratio Lower Upper

56 100

69 35.2 26.2 39.4

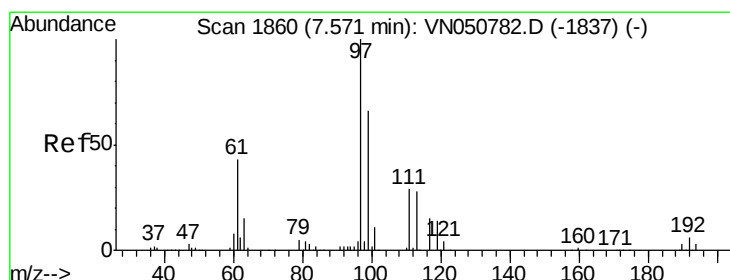
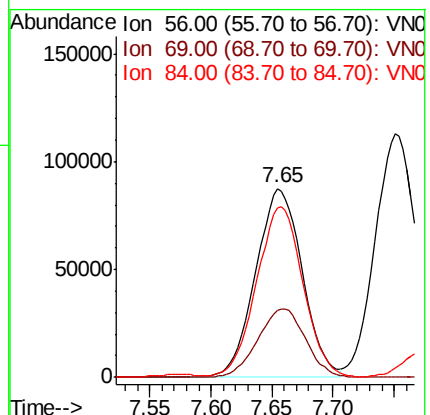
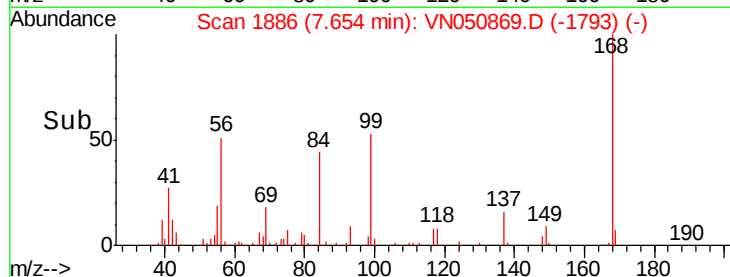
84 88.3 68.3 102.5



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: 19.51 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

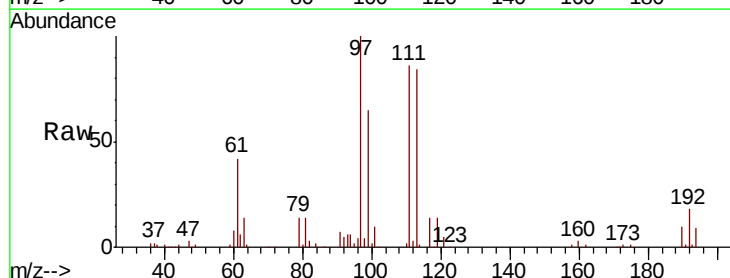
Tgt Ion: 97 Resp: 221533

Ion Ratio Lower Upper

97 100

99 65.8 51.8 77.6

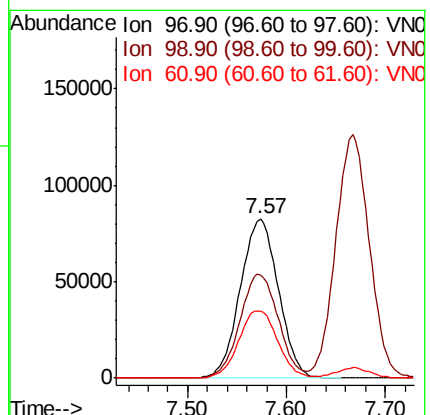
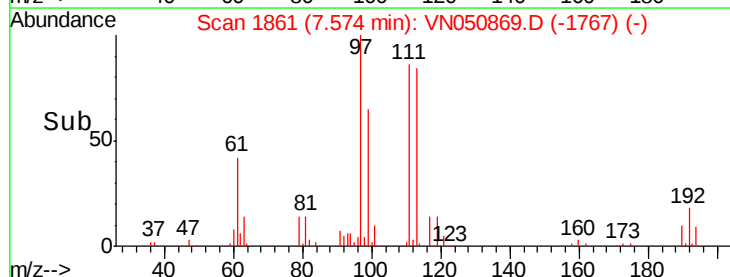
61 43.1 34.9 52.3

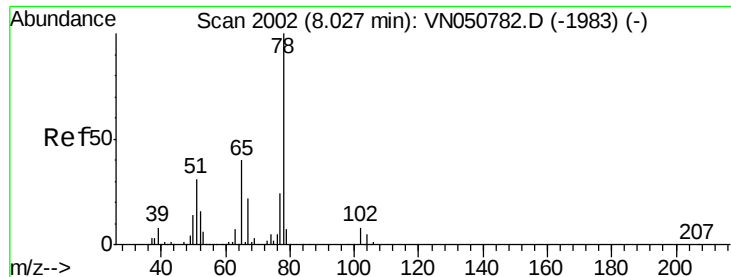


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

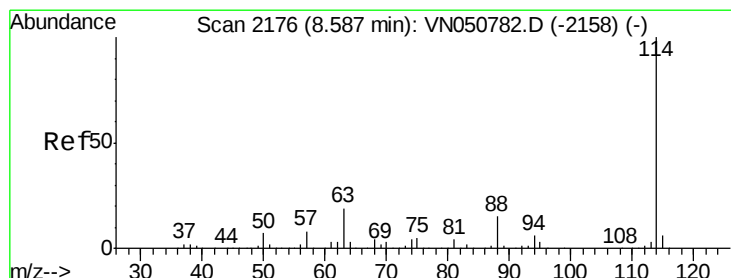
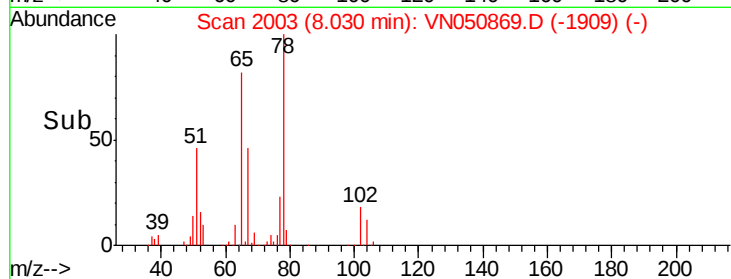
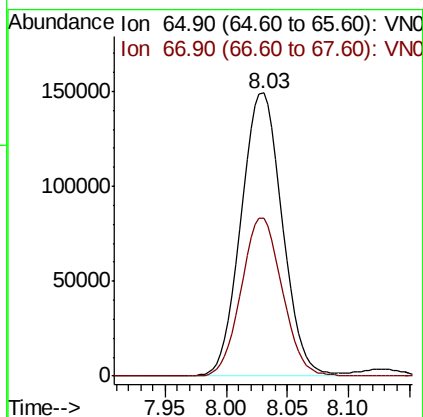
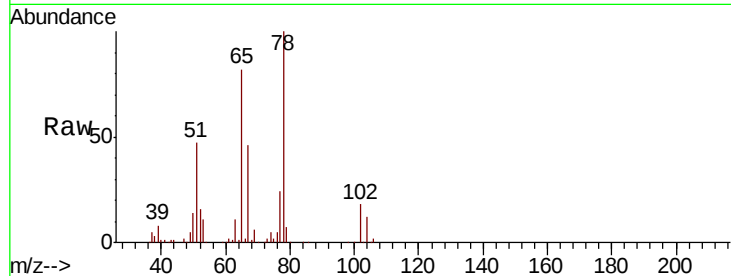




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.55 ug/l  
 RT: 8.03 min Scan# 2003  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

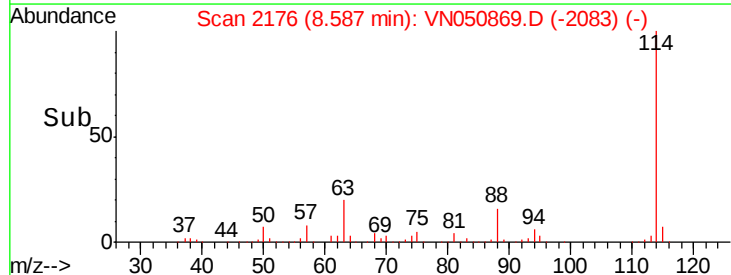
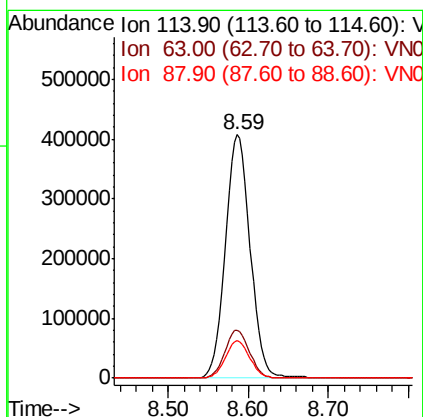
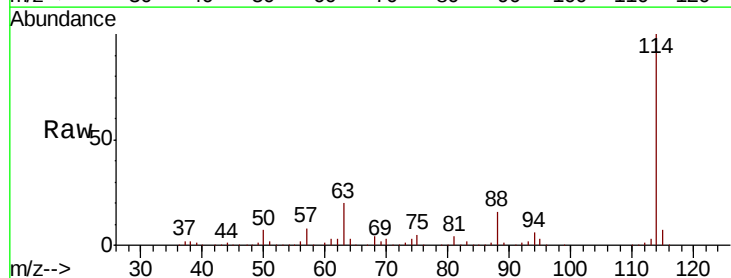
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0824MBS01

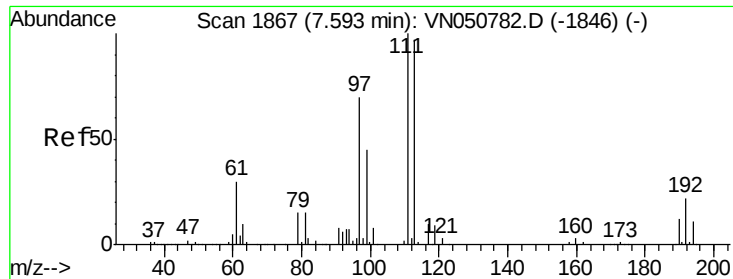
Tot Ion: 65 Resp: 348503  
 Ion Ratio Lower Upper  
 65 100  
 67 55.6 0.0 110.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

Tgt Ion: 114 Resp: 863287  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 38.6  
 88 15.5 0.0 30.6

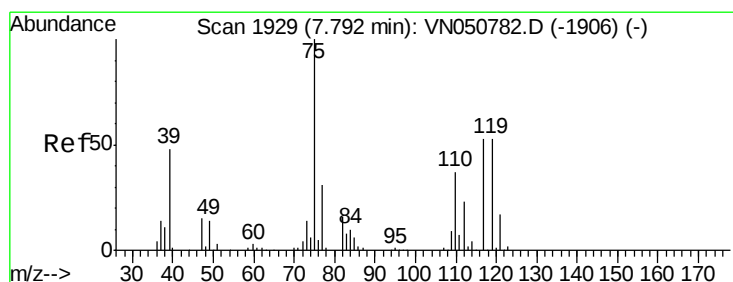
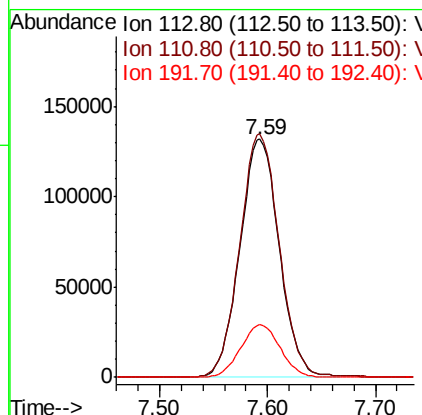
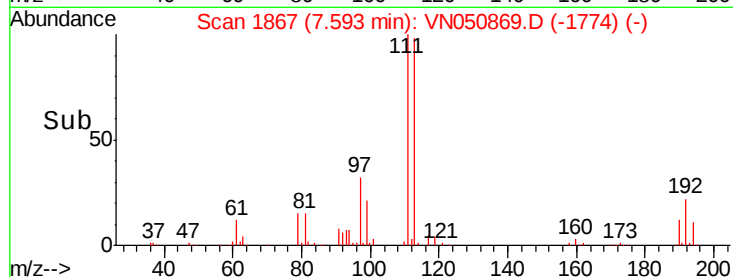
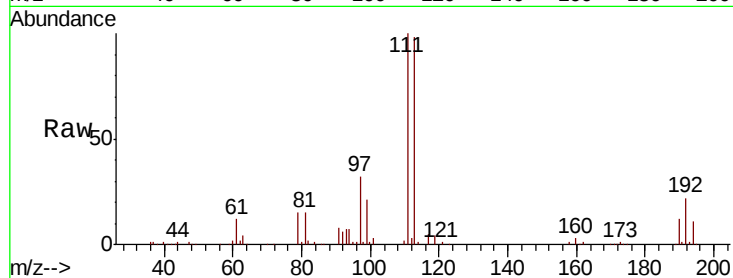




#35  
 Dibromofluoromethane  
 Concen: 48.62 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

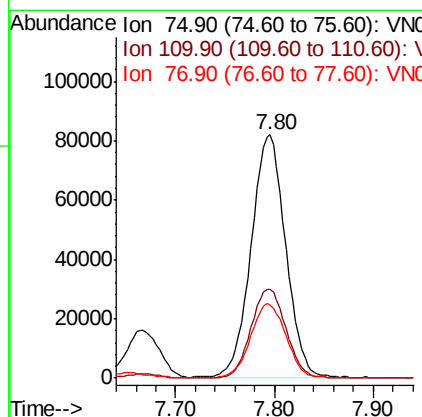
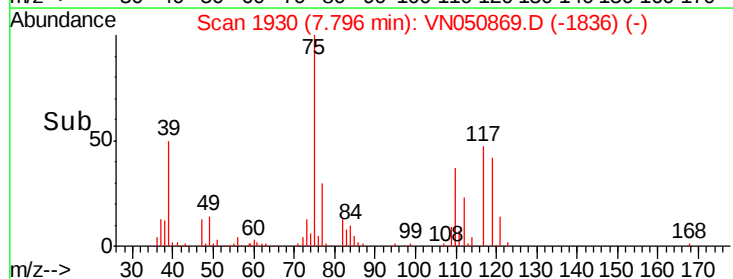
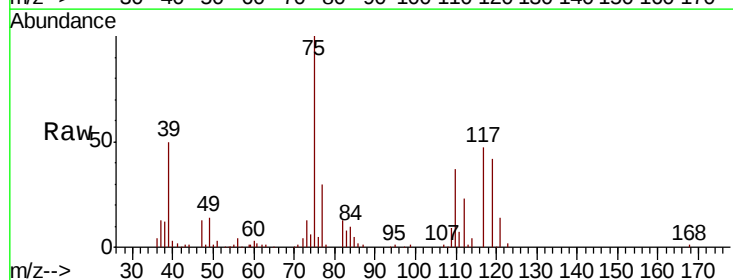
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0824MBS01

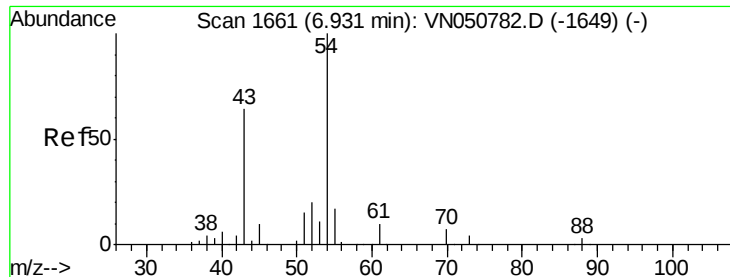
Tot Ion:113 Resp: 333942  
 Ion Ratio Lower Upper  
 113 100  
 111 102.3 82.6 123.8  
 192 22.3 18.0 27.0



#36  
 1,1-Dichloropropene  
 Concen: 19.30 ug/l  
 RT: 7.80 min Scan# 1930  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

Tgt Ion: 75 Resp: 196617  
 Ion Ratio Lower Upper  
 75 100  
 110 37.4 18.1 54.4  
 77 31.7 24.8 37.2

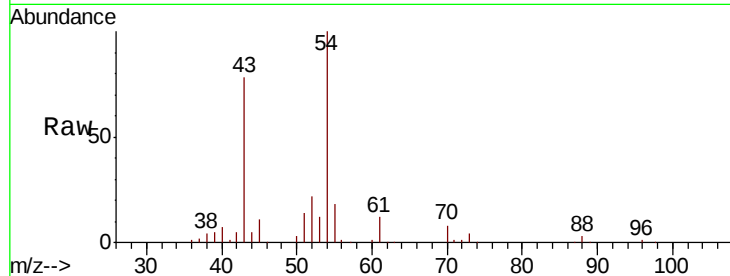




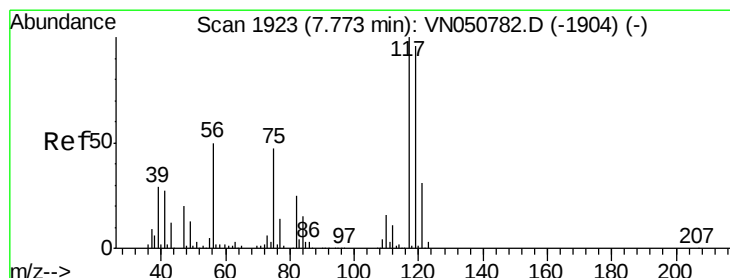
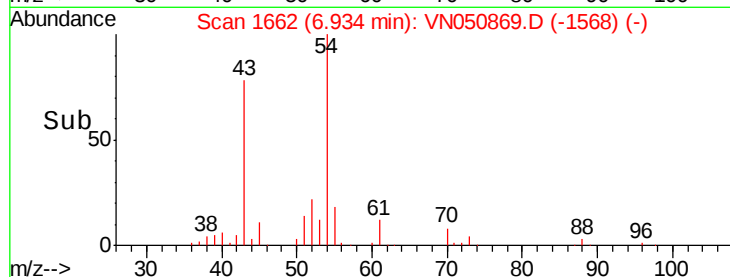
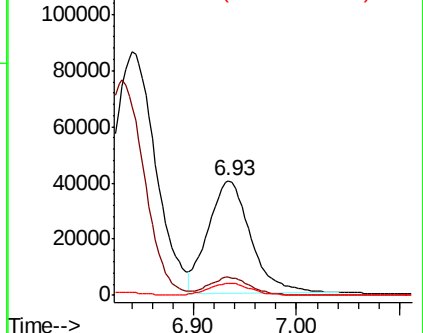
#37  
Ethyl Acetate  
Concen: 19.84 ug/l  
RT: 6.93 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0824MBS01

Tot Ion: 43 Resp: 116118  
Ion Ratio Lower Upper  
43 100  
61 15.6 12.0 18.0  
70 10.7 8.6 13.0

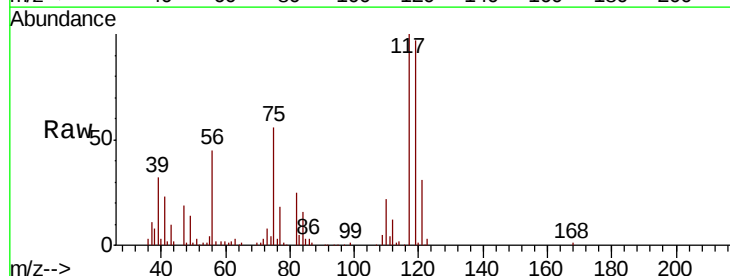


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

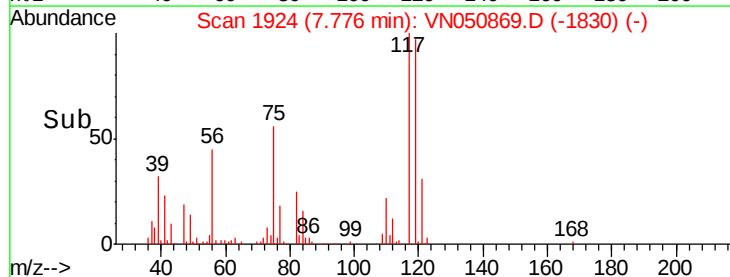
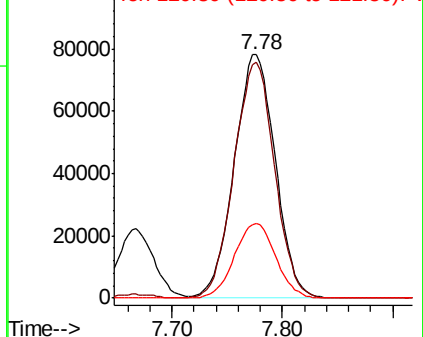


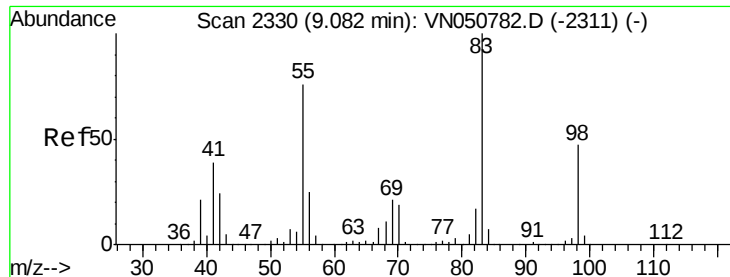
#38  
Carbon Tetrachloride  
Concen: 19.56 ug/l  
RT: 7.78 min Scan# 1924  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Tgt Ion: 117 Resp: 201411  
Ion Ratio Lower Upper  
117 100  
119 96.5 76.3 114.5  
121 30.9 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

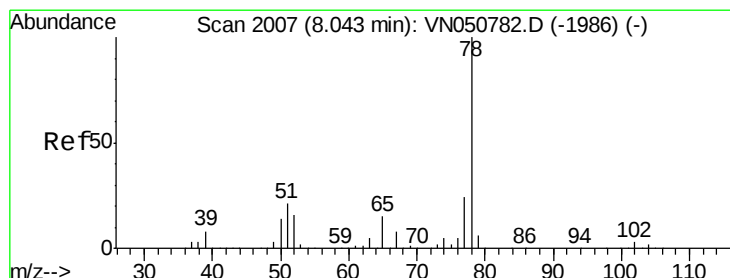
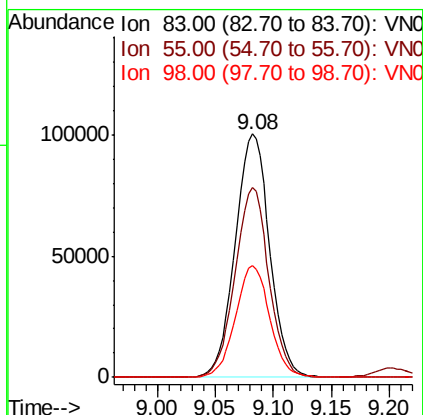
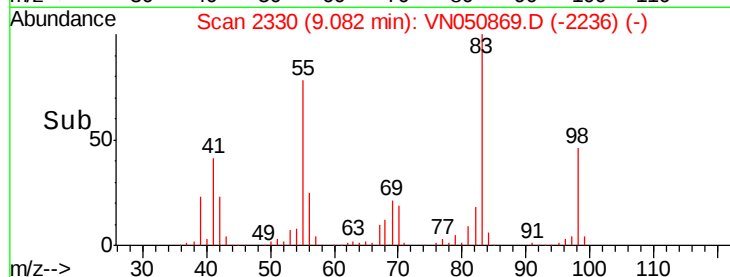
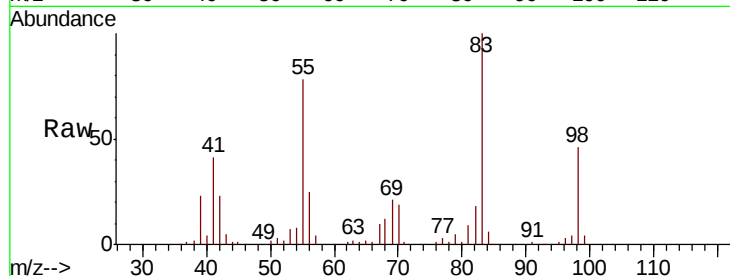




#39  
Methvlcvclohexane  
Concen: 18.81 ug/l  
RT: 9.08 min Scan# 2330  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

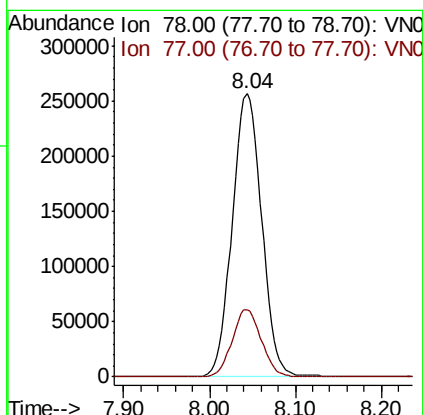
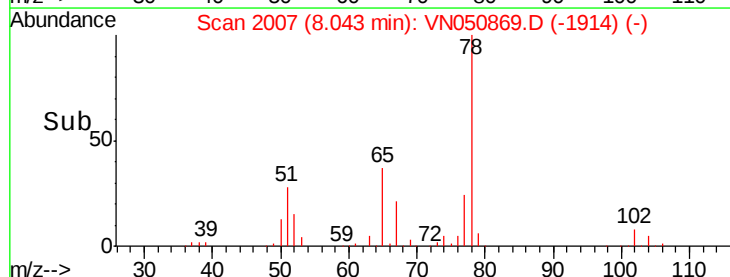
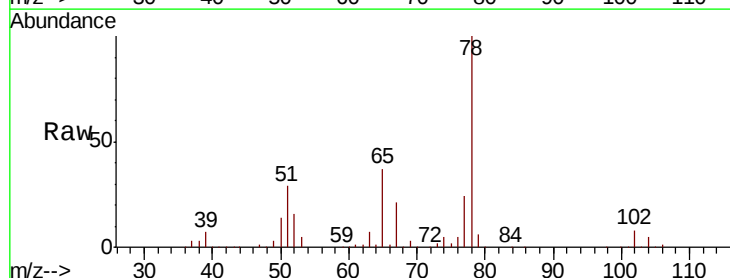
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0824MBS01

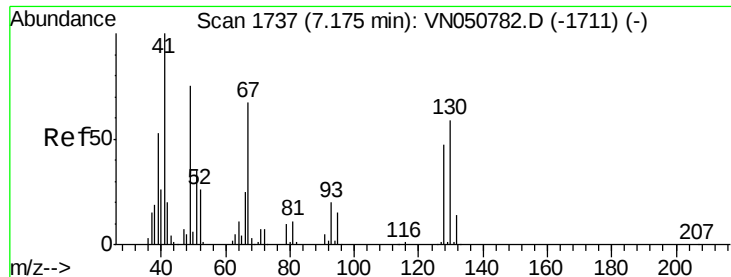
Tot Ion: 83 Resp: 207266  
Ion Ratio Lower Upper  
83 100  
55 78.0 61.0 91.4  
98 46.0 37.5 56.3



#40  
Benzene  
Concen: 19.89 ug/l  
RT: 8.04 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Tgt Ion: 78 Resp: 611037  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.0 28.4

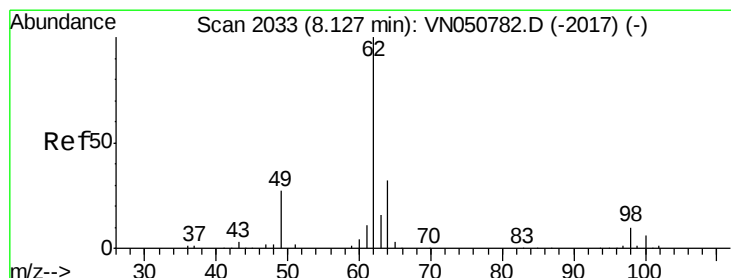
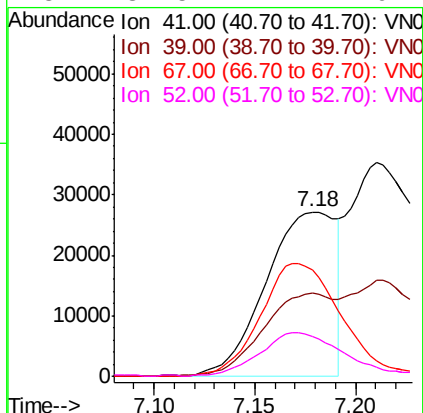
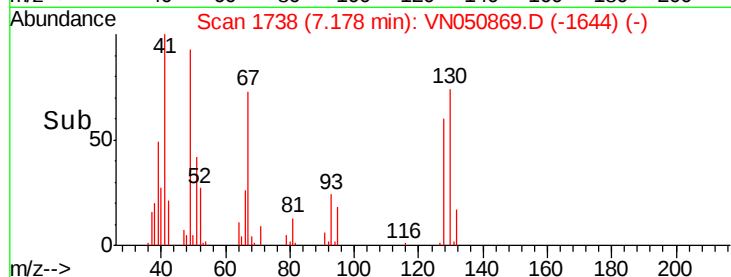
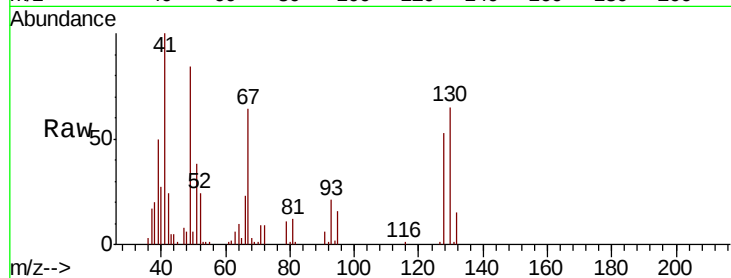




#41  
Methacrylonitrile  
Concen: 20.74 ug/l  
RT: 7.18 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

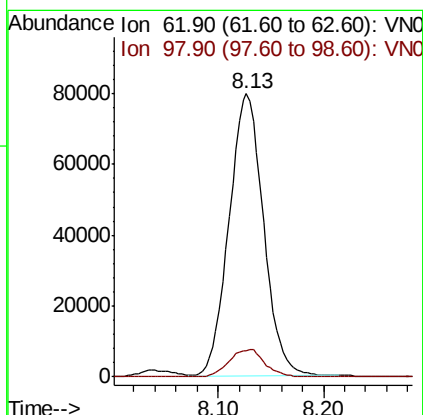
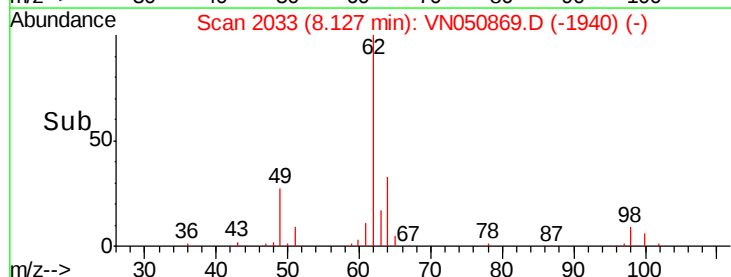
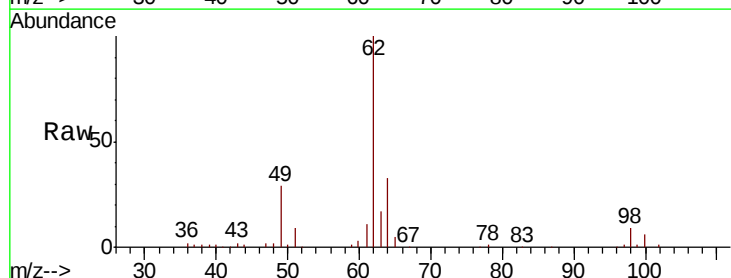
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0824MBS01

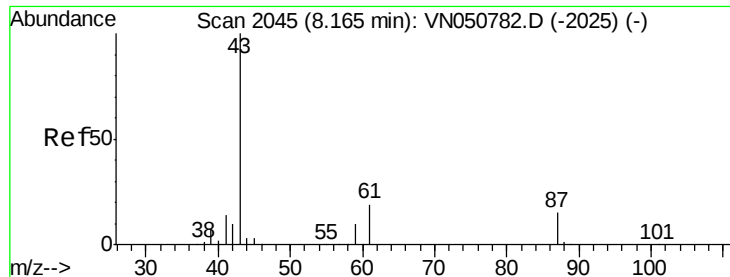
Tot Ion: 41 Resp: 65692  
Ion Ratio Lower Upper  
41 100  
39 48.1 45.4 68.0  
67 78.5 70.6 106.0  
52 32.5 27.1 40.7



#42  
1,2-Dichloroethane  
Concen: 19.73 ug/l  
RT: 8.13 min Scan# 2033  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Tgt Ion: 62 Resp: 181167  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 19.6





#43

Isopropyl Acetate

Concen: 20.07 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0824MBS01

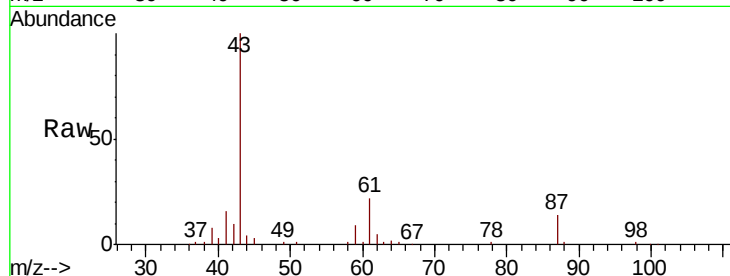
Tot Ion: 43 Resp: 201927

Ion Ratio Lower Upper

43 100

61 20.8 17.5 26.3

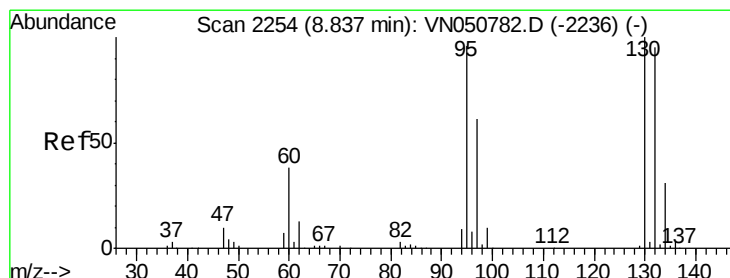
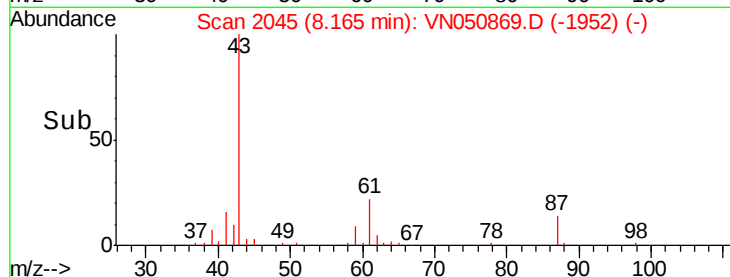
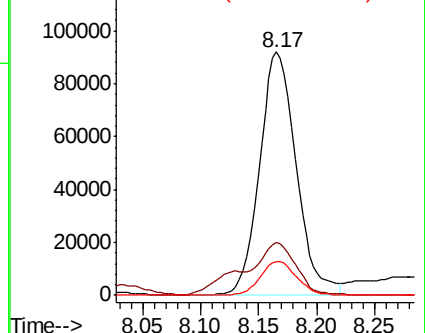
87 13.9 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.59 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050869.D

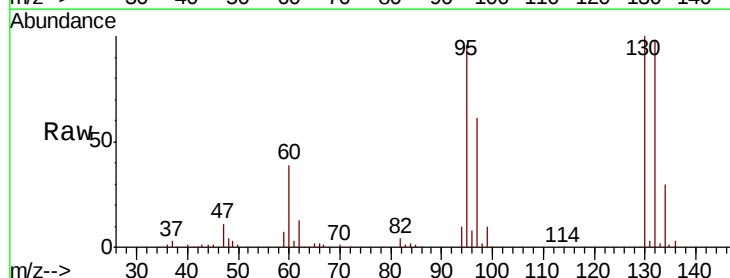
Acq: 24 Aug 2018 12:00

Tgt Ion:130 Resp: 158718

Ion Ratio Lower Upper

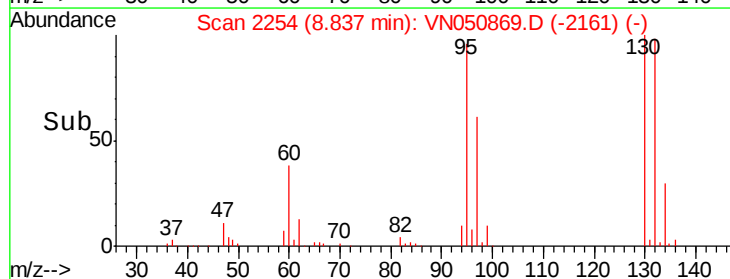
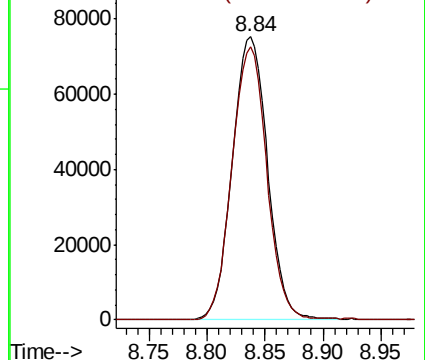
130 100

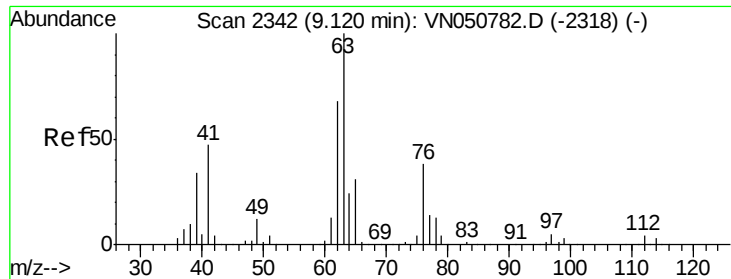
95 96.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

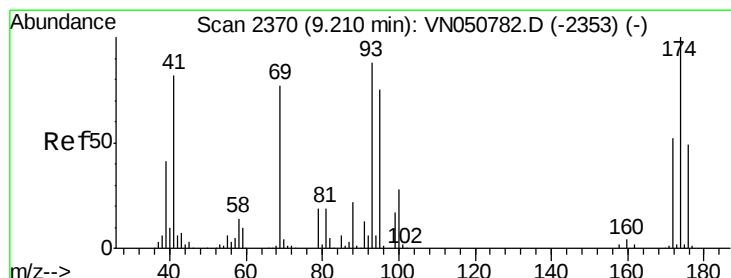
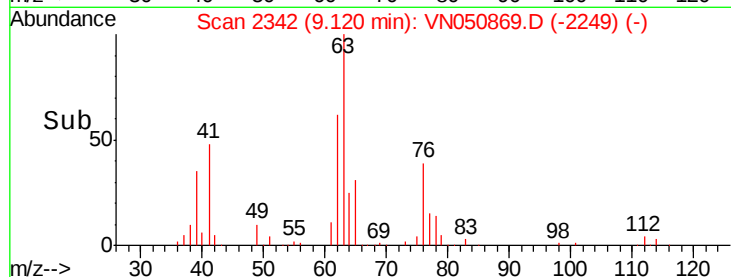
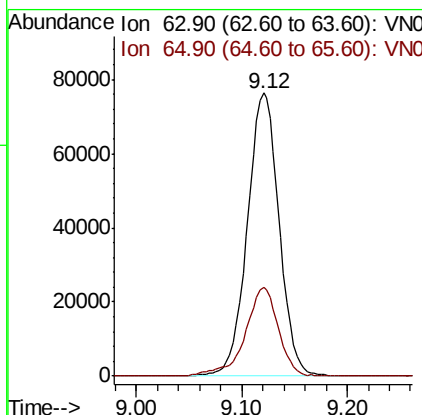
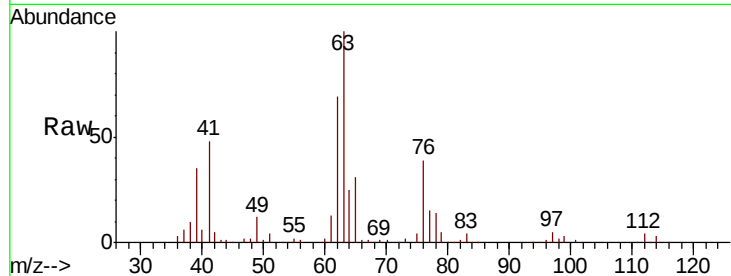




#45  
 1,2-Dichloropropane  
 Concen: 19.85 ug/l  
 RT: 9.12 min Scan# 2342  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

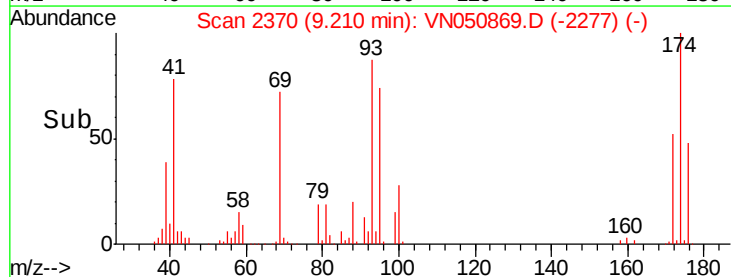
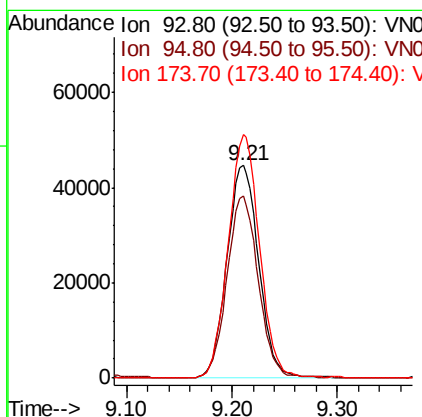
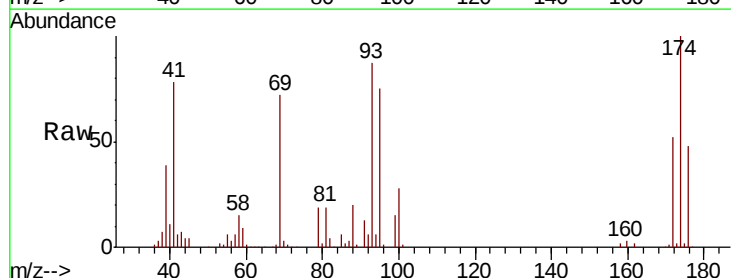
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0824MBS01

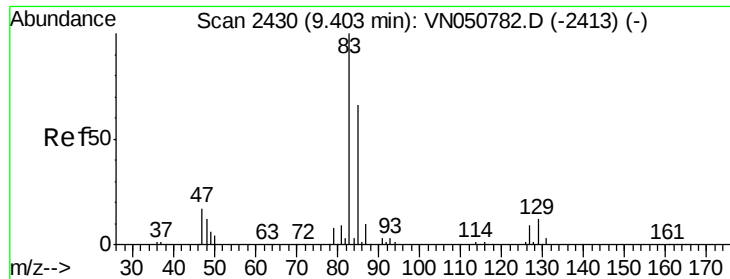
Tot Ion: 63 Resp: 160265  
 Ion Ratio Lower Upper  
 63 100  
 65 31.3 25.0 37.6



#46  
 Dibromomethane  
 Concen: 19.68 ug/l  
 RT: 9.21 min Scan# 2370  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

Tgt Ion: 93 Resp: 93350  
 Ion Ratio Lower Upper  
 93 100  
 95 84.3 66.7 100.1  
 174 112.5 89.8 134.6





#47

Bromodichloromethane

Concen: 20.11 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampled :

VN0824MBS01

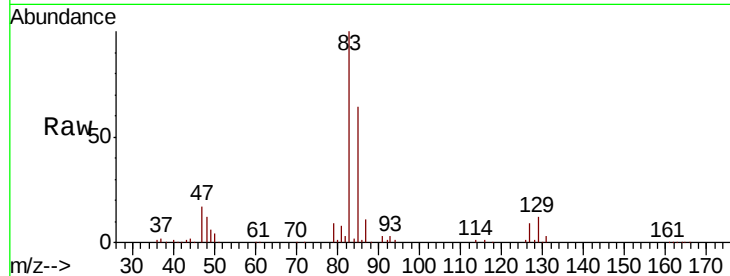
Tot Ion: 83 Resp: 199767

Ion Ratio Lower Upper

83 100

85 64.1 52.6 78.8

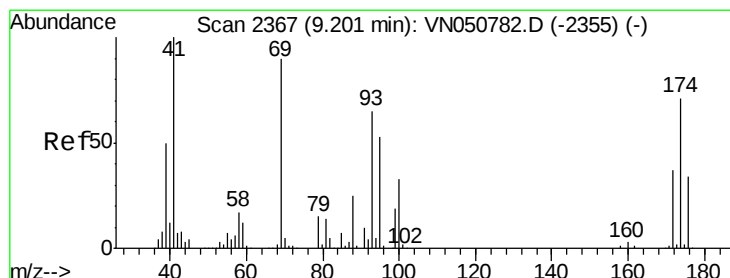
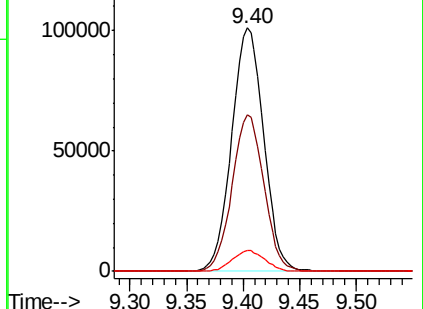
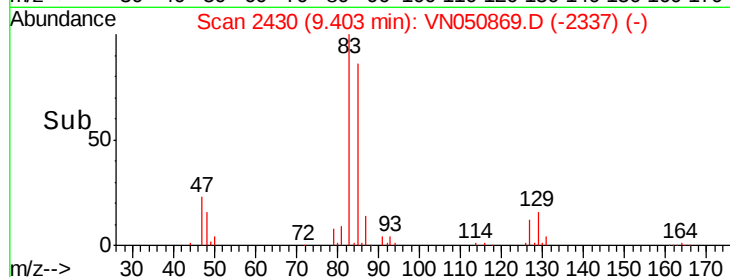
127 8.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN050869.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN050869.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN050869.D (-2337) (-)



#48

Methyl methacrylate

Concen: 19.02 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

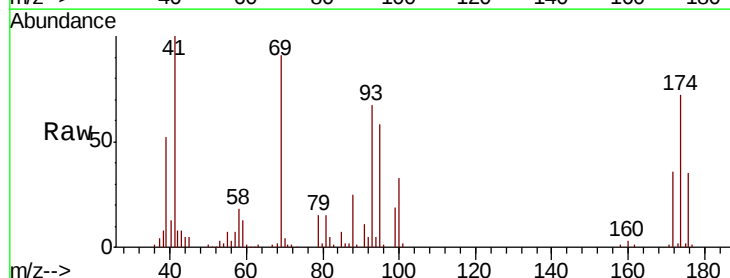
Tgt Ion: 41 Resp: 97536

Ion Ratio Lower Upper

41 100

69 93.0 74.7 112.1

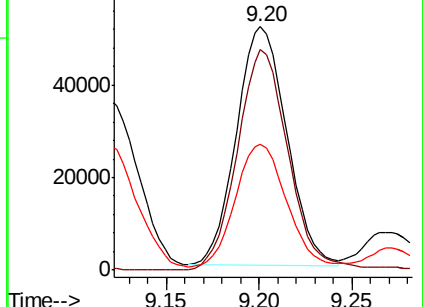
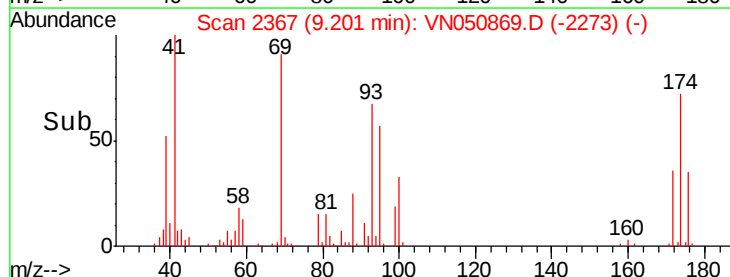
39 54.0 42.2 63.2

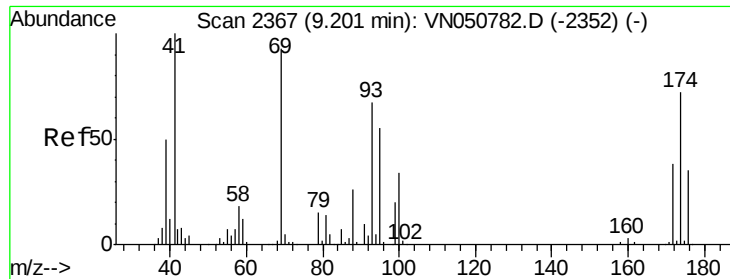


Abundance Ion 41.00 (40.70 to 41.70): VN050869.D (-2273) (-)

Ion 69.00 (68.70 to 69.70): VN050869.D (-2273) (-)

Ion 39.00 (38.70 to 39.70): VN050869.D (-2273) (-)





#49

1,4-Dioxane

Concen: 394.41 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampled :

VN0824MBS01

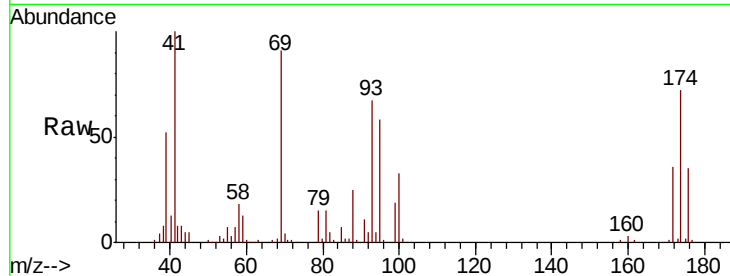
Tot Ion: 88 Resp: 27570

Ion Ratio Lower Upper

88 100

43 31.8 25.9 38.9

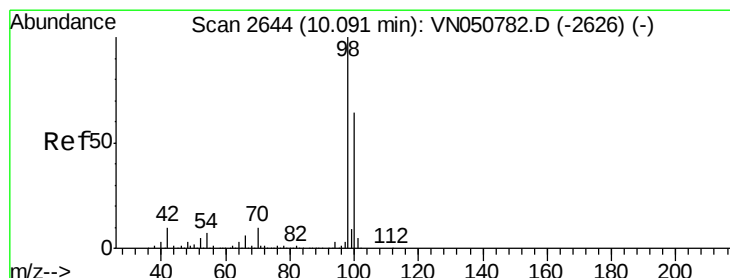
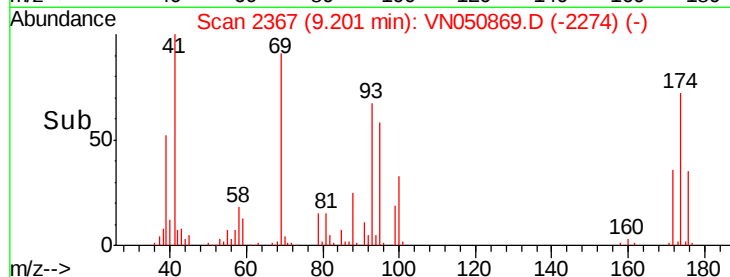
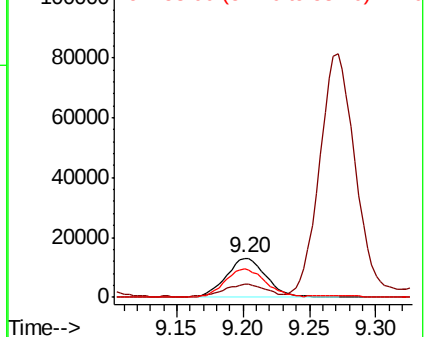
58 73.6 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.66 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050869.D

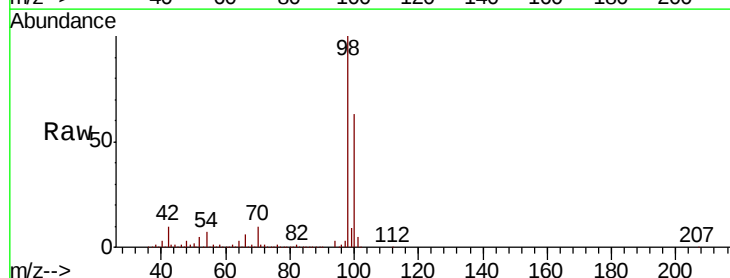
Acq: 24 Aug 2018 12:00

Tgt Ion: 98 Resp: 1249566

Ion Ratio Lower Upper

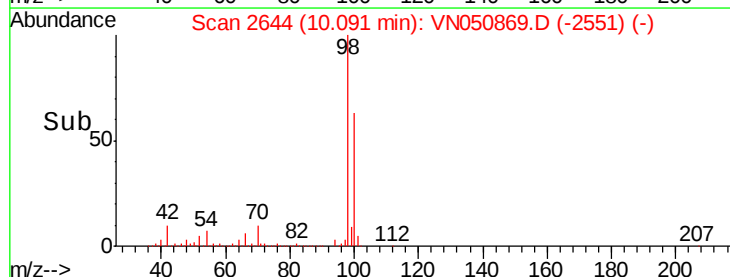
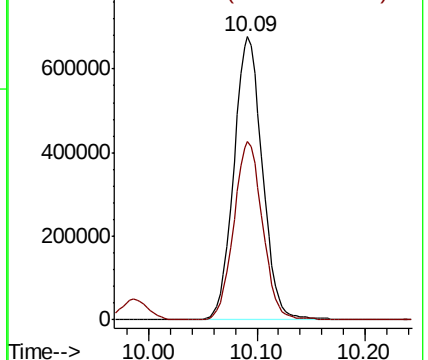
98 100

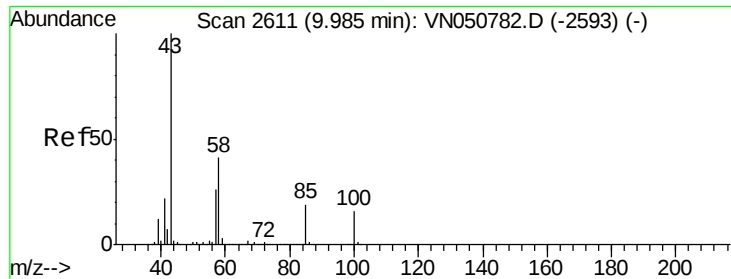
100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

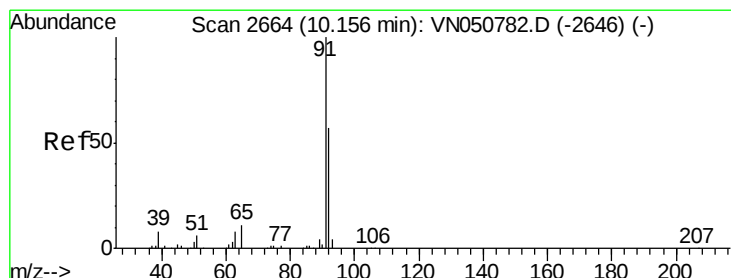
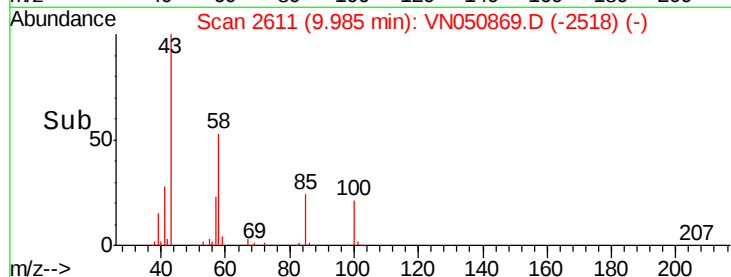
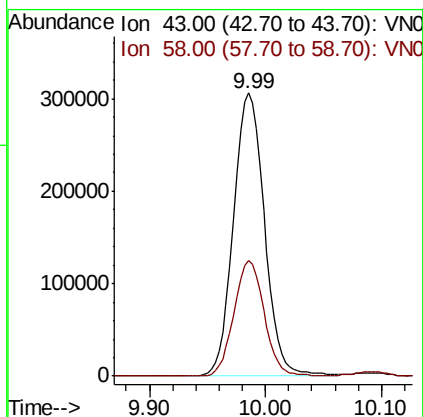
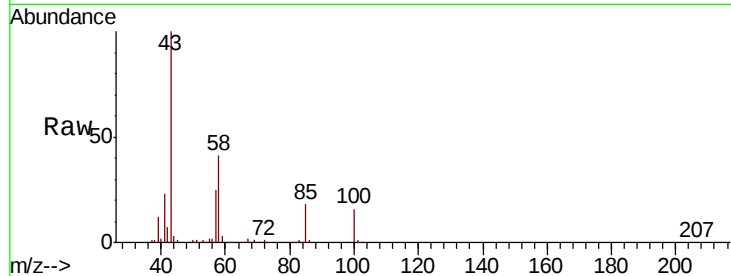




#51  
 4-Methyl-2-Pentanone  
 Concen: 94.37 ug/l  
 RT: 9.99 min Scan# 2611  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

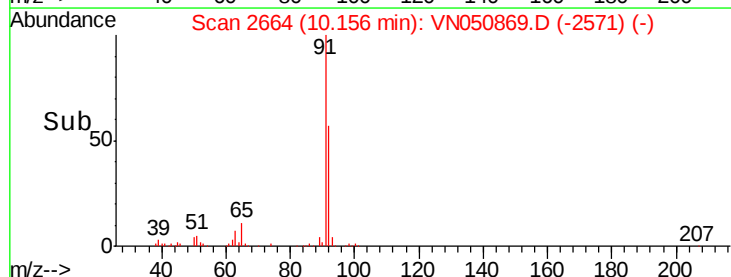
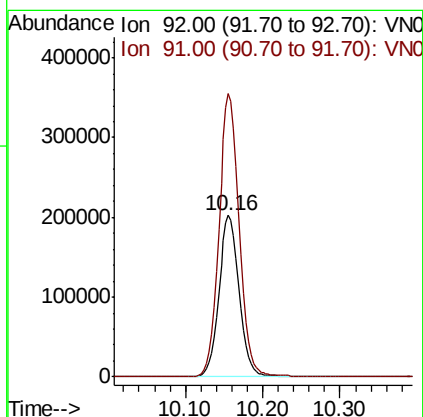
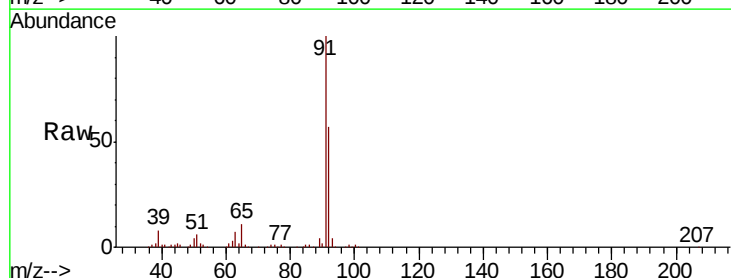
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0824MBS01

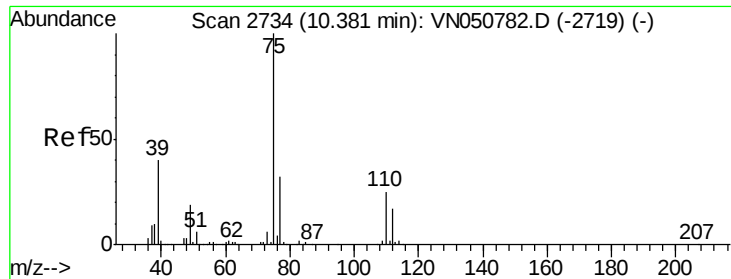
Tot Ion: 43 Resp: 566631  
 Ion Ratio Lower Upper  
 43 100  
 58 40.0 32.4 48.6



#52  
 Toluene  
 Concen: 20.33 ug/l  
 RT: 10.16 min Scan# 2664  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

Tgt Ion: 92 Resp: 369885  
 Ion Ratio Lower Upper  
 92 100  
 91 175.5 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 18.74 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampled :

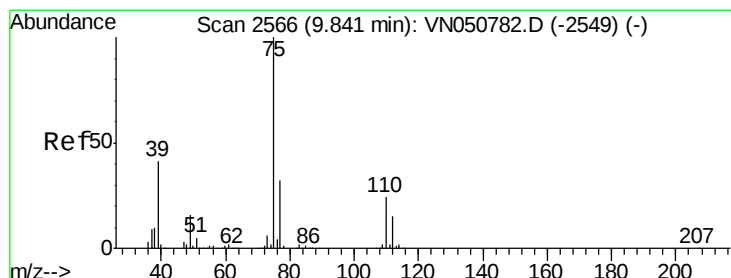
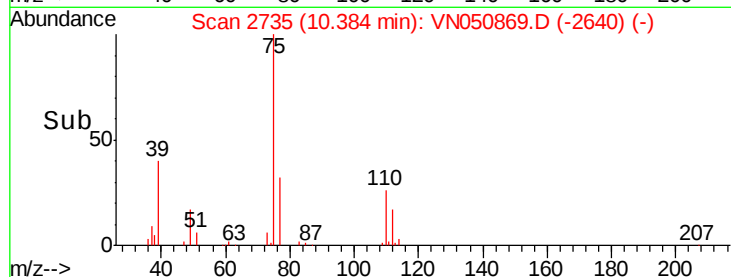
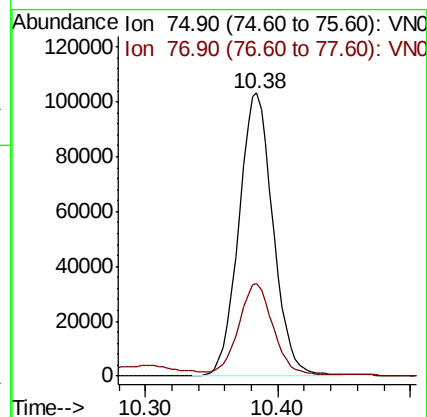
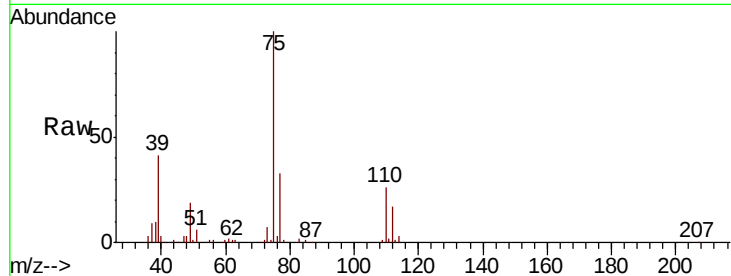
VN0824MBS01

Tot Ion: 75 Resp: 185339

Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.55 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

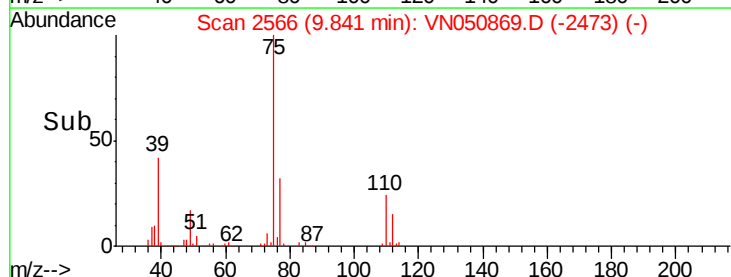
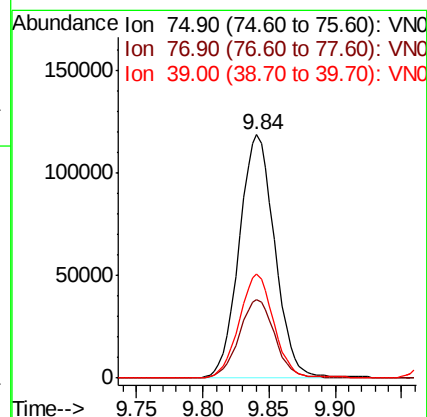
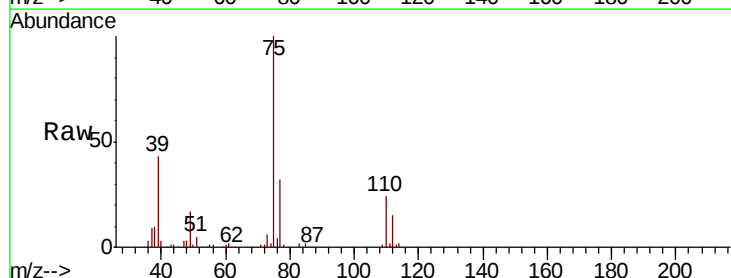
Tgt Ion: 75 Resp: 221363

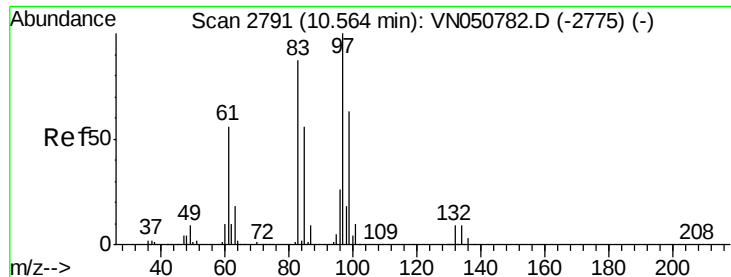
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2

39 42.5 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 19.88 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0824MBS01

Tot Ion: 97 Resp: 134298

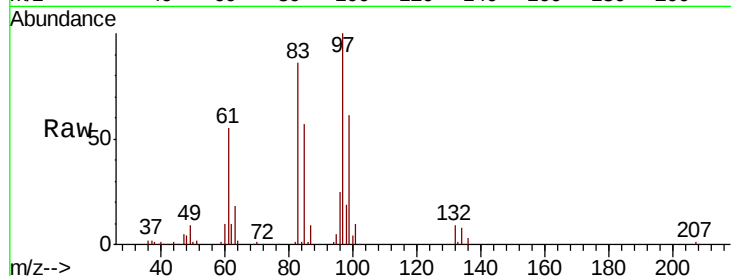
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.3  | 69.7  | 104.5 |
| 85  | 56.9  | 44.5  | 66.7  |
| 99  | 61.2  | 50.7  | 76.1  |

97 100

83 86.3 69.7 104.5

85 56.9 44.5 66.7

99 61.2 50.7 76.1



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

100000

80000

60000

40000

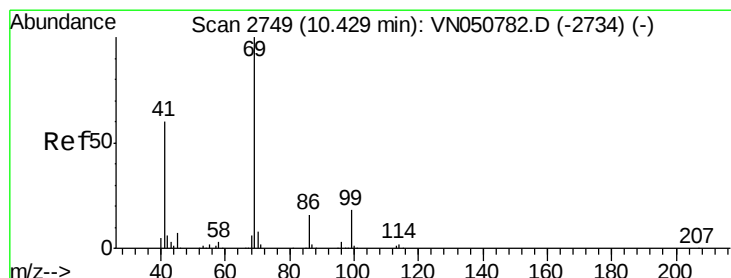
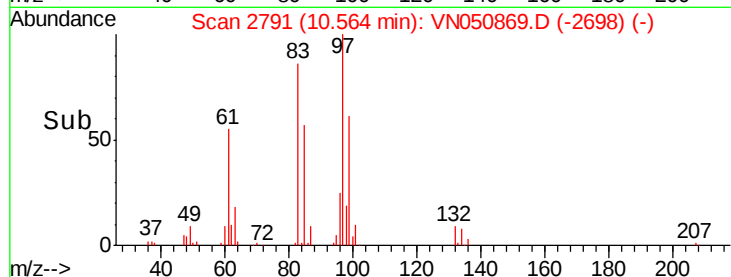
20000

0

10.56

10.50 10.55 10.60

Time-->



#56

Ethyl methacrylate

Concen: 18.74 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

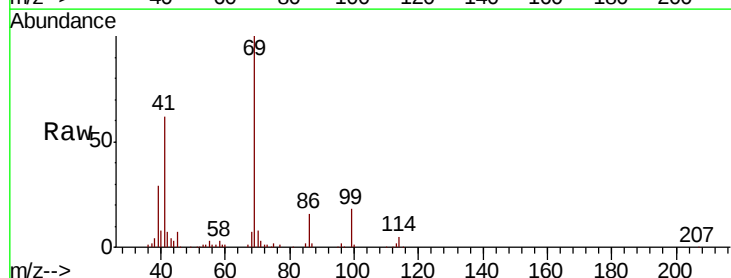
Tgt Ion: 69 Resp: 151121

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 62.2  | 48.3  | 72.5  |
| 39  | 29.4  | 24.0  | 36.0  |

69 100

41 62.2 48.3 72.5

39 29.4 24.0 36.0



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

120000

100000

80000

60000

40000

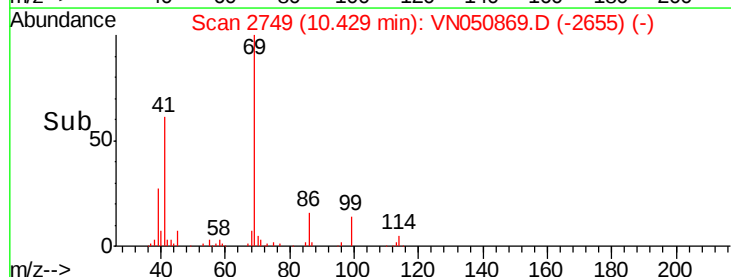
20000

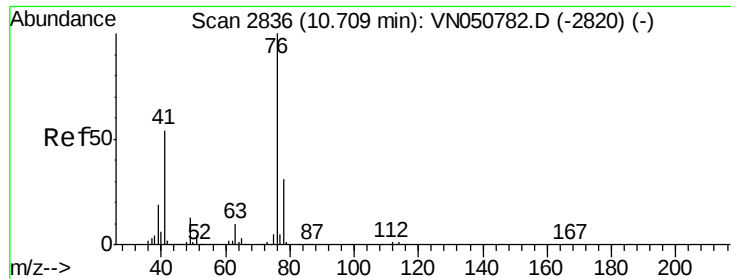
0

10.43

10.40 10.45 10.50

Time-->

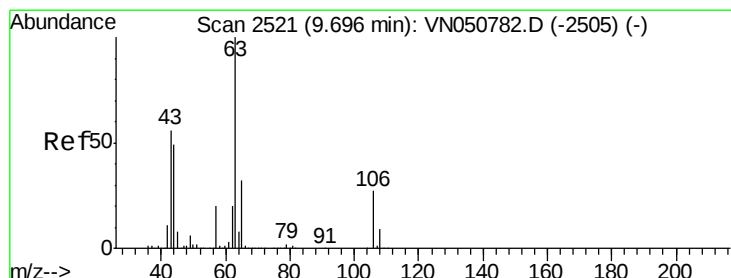
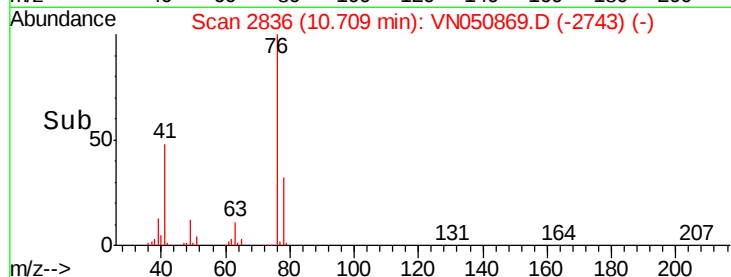
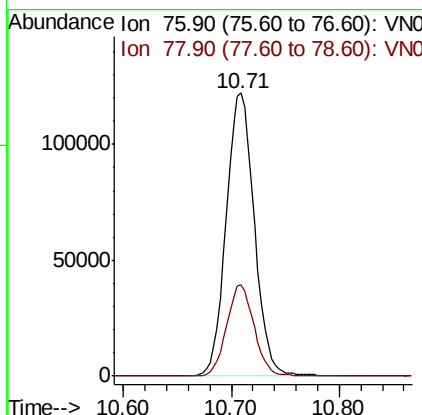
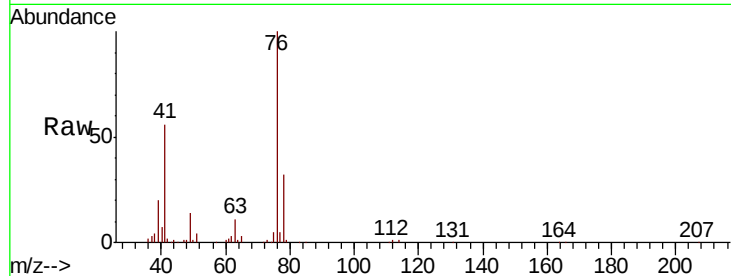




#57  
 1,3-Dichloropropane  
 Concen: 19.91 ug/l  
 RT: 10.71 min Scan# 2836  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

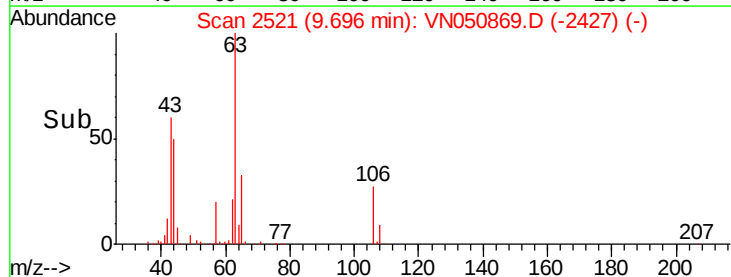
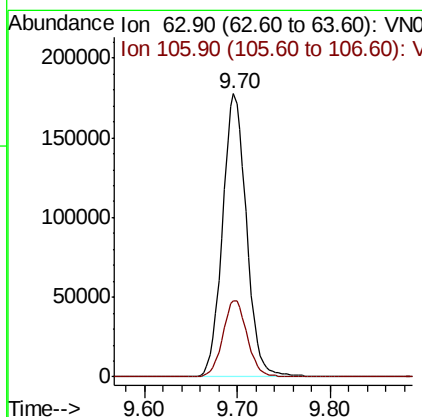
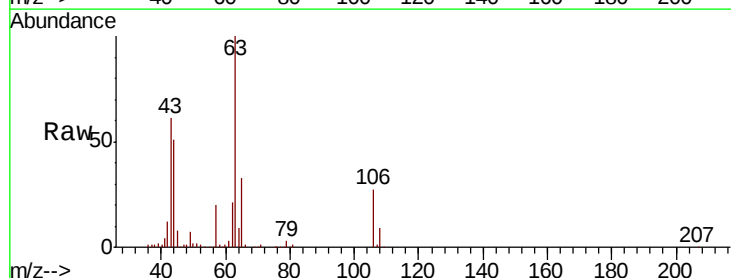
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0824MBS01

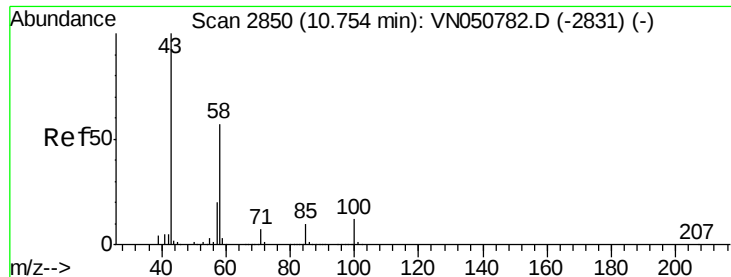
Tot Ion: 76 Resp: 221962  
 Ion Ratio Lower Upper  
 76 100  
 78 31.7 25.5 38.3



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 91.21 ug/l  
 RT: 9.70 min Scan# 2521  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

Tgt Ion: 63 Resp: 318389  
 Ion Ratio Lower Upper  
 63 100  
 106 27.5 21.9 32.9

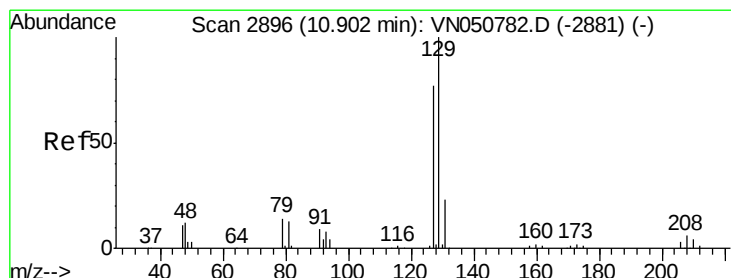
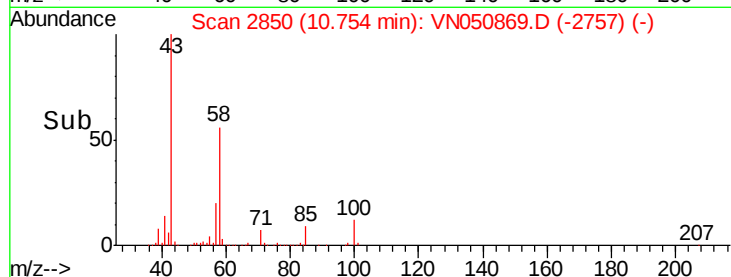
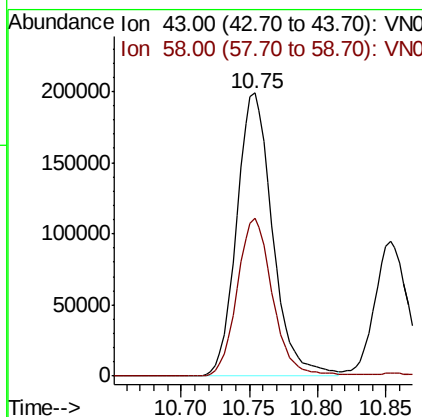
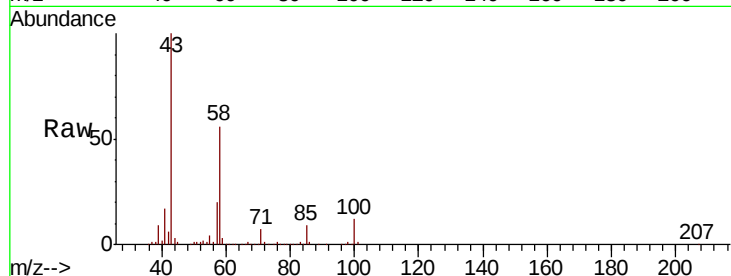




#59  
2-Hexanone  
Concen: 90.50 ug/l  
RT: 10.75 min Scan# 2850  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

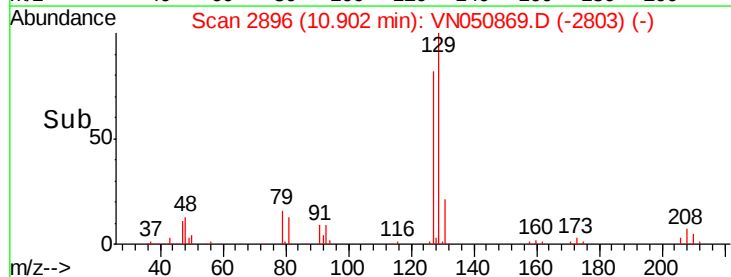
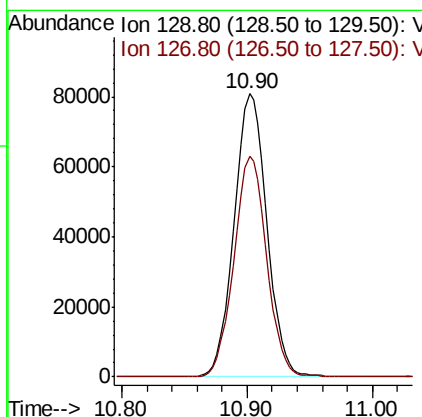
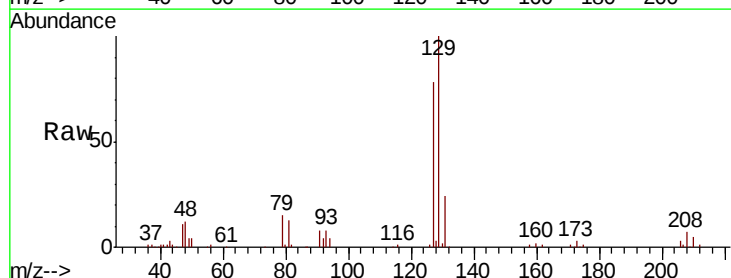
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0824MBS01

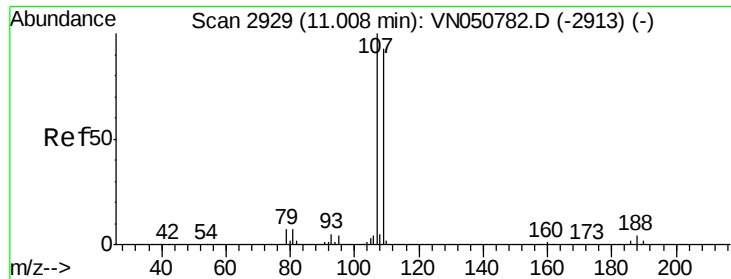
Tot Ion: 43 Resp: 361727  
Ion Ratio Lower Upper  
43 100  
58 55.5 28.3 85.0



#60  
Dibromochloromethane  
Concen: 19.40 ug/l  
RT: 10.90 min Scan# 2896  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Tgt Ion: 129 Resp: 146708  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.3 114.9

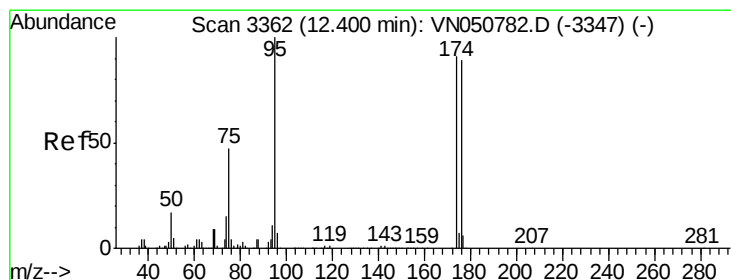
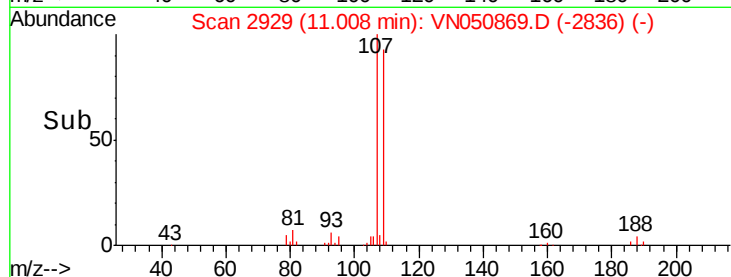
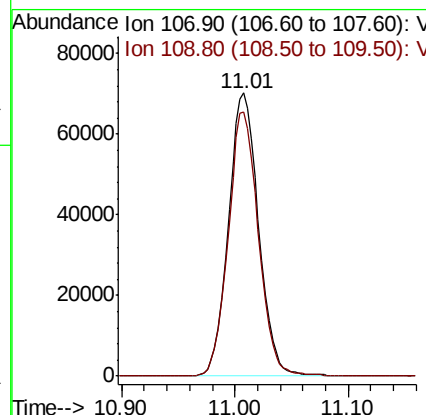
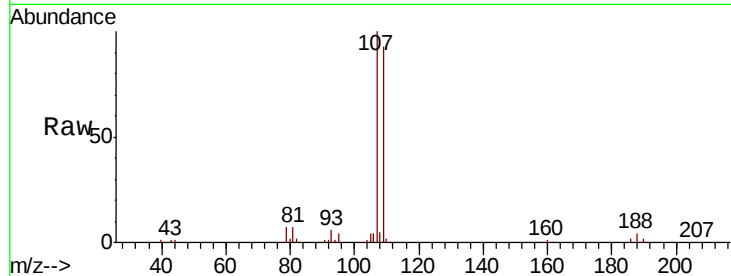




#61  
 1,2-Dibromoethane  
 Concen: 19.92 ug/l  
 RT: 11.01 min Scan# 2929  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

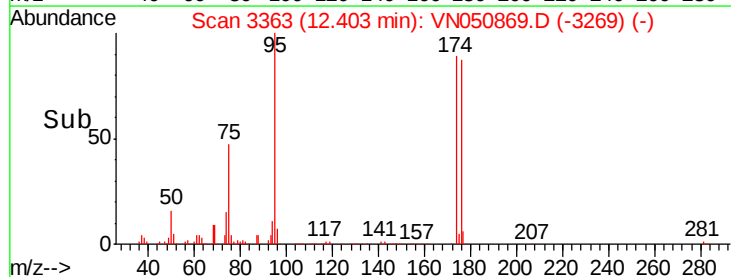
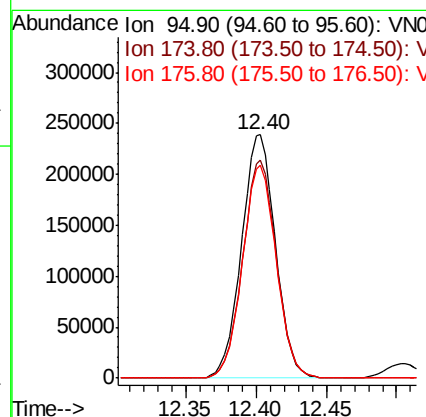
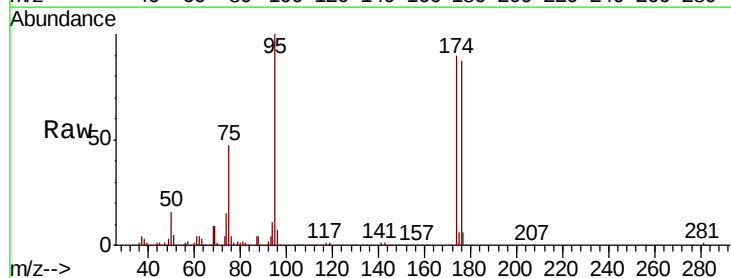
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0824MBS01

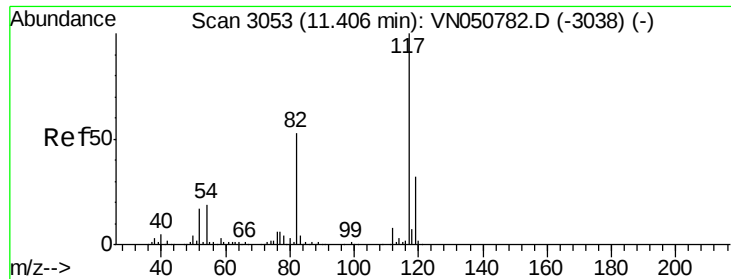
Tot Ion: 107 Resp: 130133  
 Ion Ratio Lower Upper  
 107 100  
 109 93.5 75.4 113.2



#62  
 4-Bromofluorobenzene  
 Concen: 47.22 ug/l  
 RT: 12.40 min Scan# 3363  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

Tgt Ion: 95 Resp: 402927  
 Ion Ratio Lower Upper  
 95 100  
 174 89.0 0.0 183.0  
 176 87.0 0.0 178.8

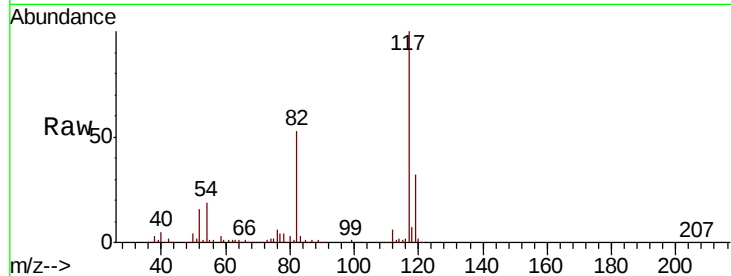




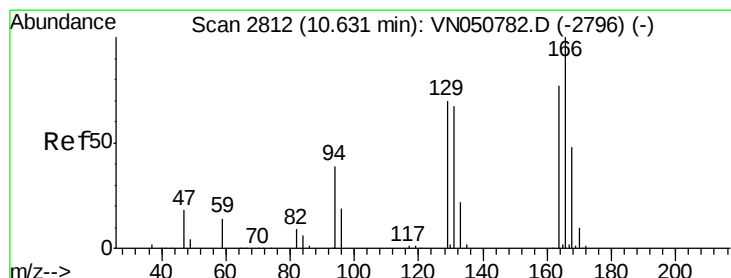
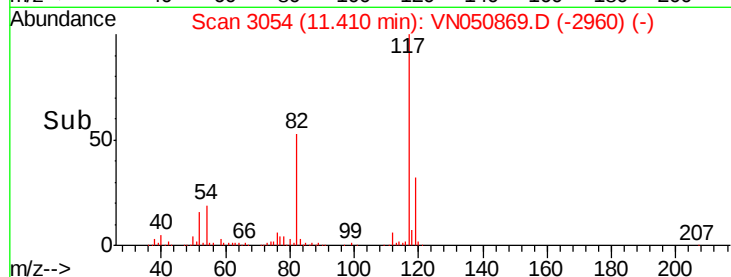
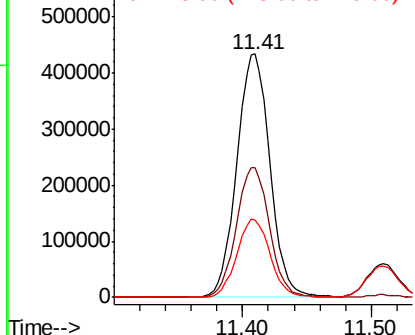
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0824MBS01

Tot Ion:117 Resp: 776253  
Ion Ratio Lower Upper  
117 100  
82 53.0 42.6 64.0  
119 32.0 25.8 38.6

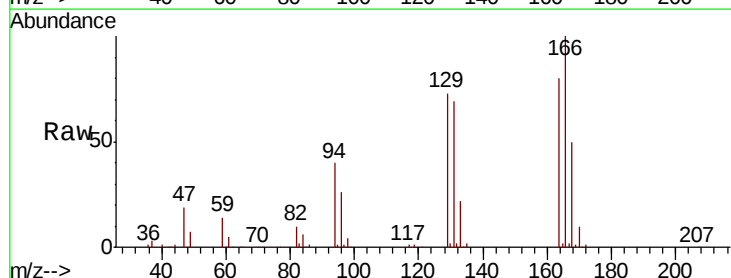


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VN  
Ion 118.90 (118.60 to 119.60): V

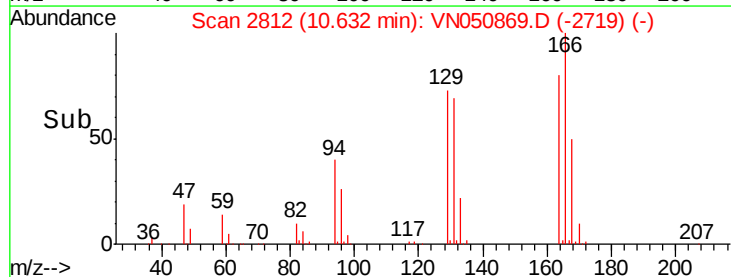
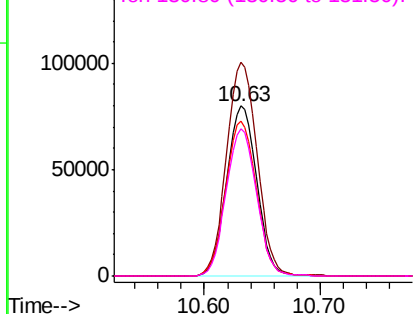


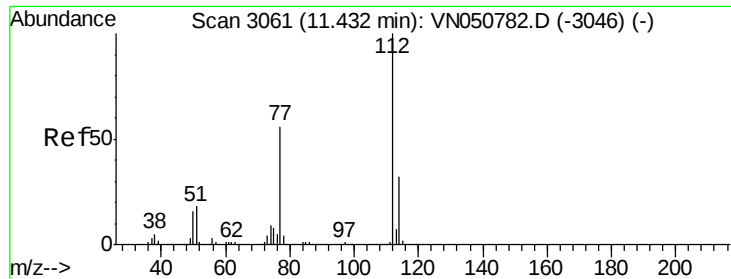
#64  
Tetrachloroethene  
Concen: 19.52 ug/l  
RT: 10.63 min Scan# 2812  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Tgt Ion:164 Resp: 143897  
Ion Ratio Lower Upper  
164 100  
166 125.5 103.5 155.3  
129 91.1 72.7 109.1  
131 86.8 69.5 104.3



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

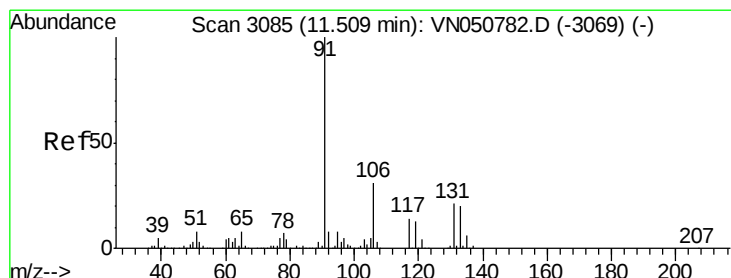
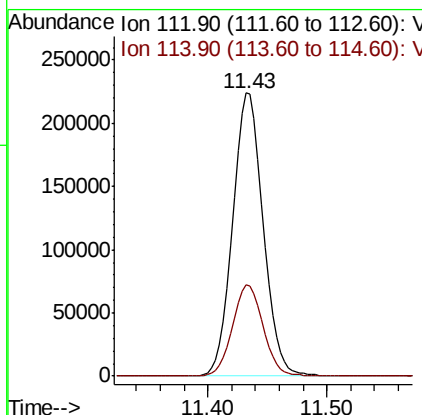
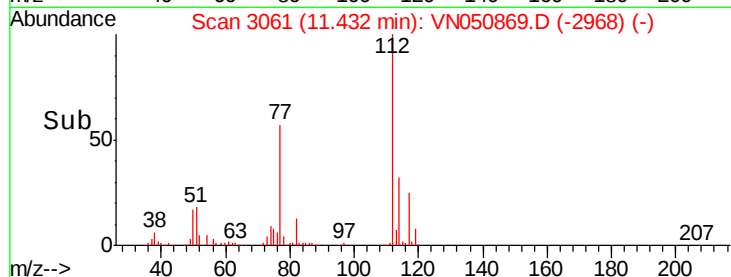
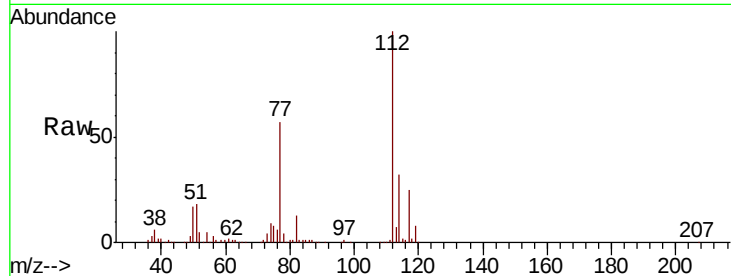




#65  
Chlorobenzene  
Concen: 19.58 ug/l  
RT: 11.43 min Scan# 3061  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

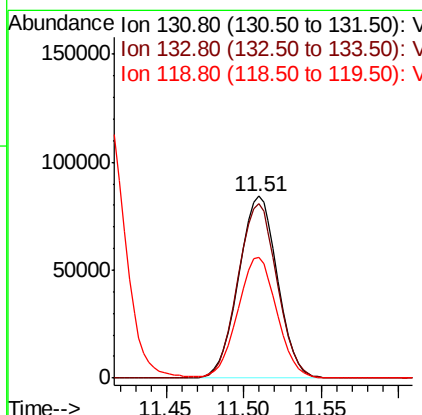
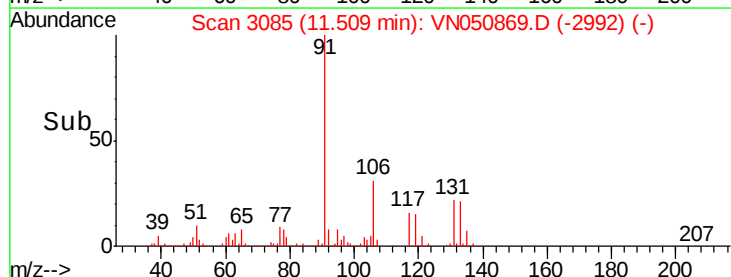
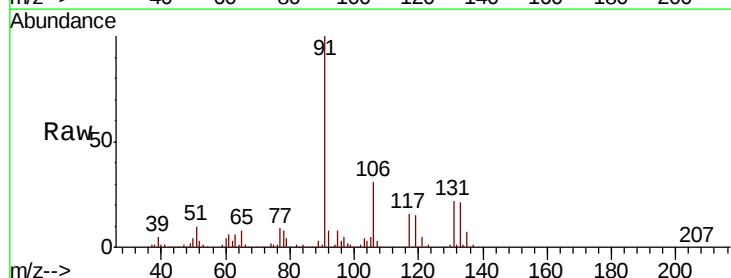
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0824MBS01

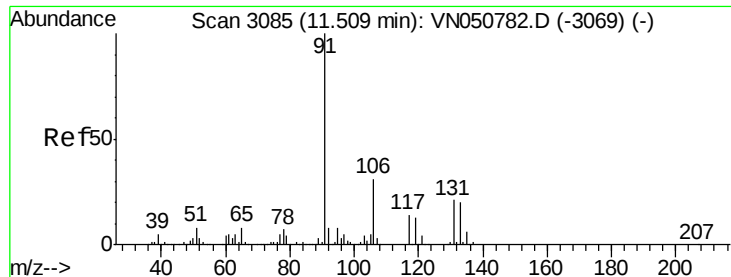
Tot Ion:112 Resp: 397300  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.82 ug/l  
RT: 11.51 min Scan# 3085  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Tgt Ion:131 Resp: 147129  
Ion Ratio Lower Upper  
131 100  
133 96.9 47.4 142.3  
119 67.0 32.8 98.4





#67

Ethyl Benzene

Concen: 19.74 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampled :

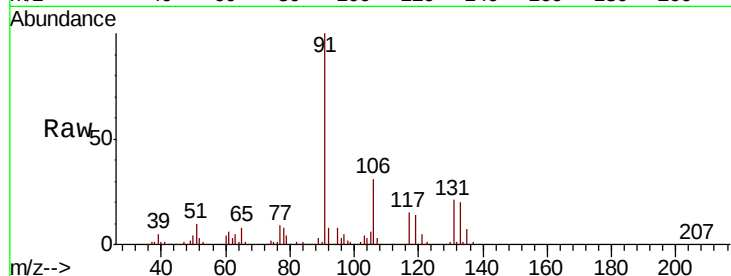
VN0824MBS01

Tot Ion: 91 Resp: 651107

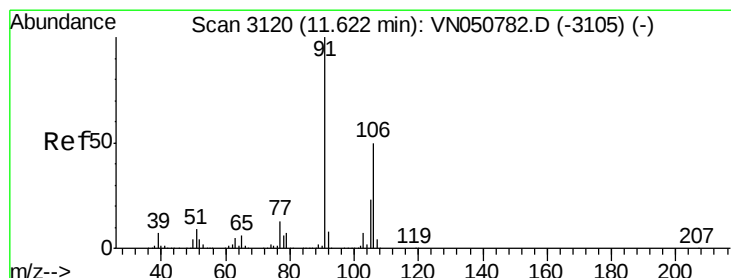
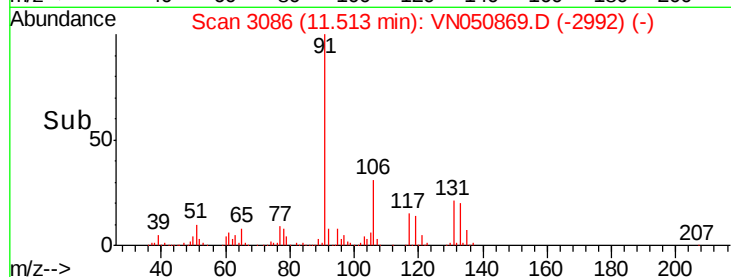
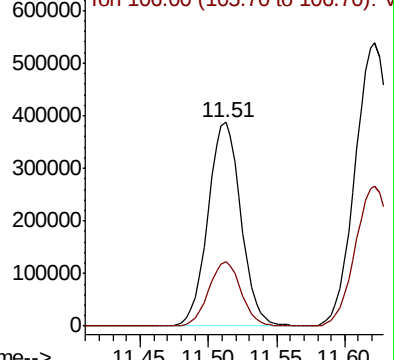
Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.4



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



#68

m/p-Xylenes

Concen: 40.82 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050869.D

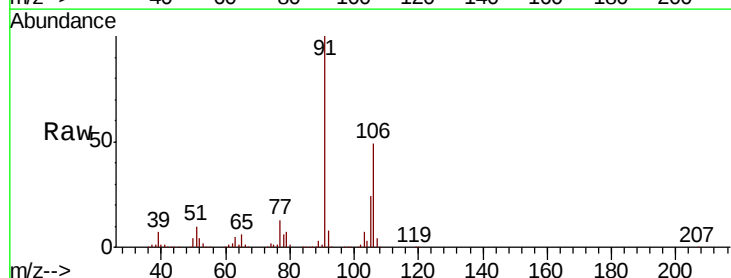
Acq: 24 Aug 2018 12:00

Tgt Ion: 106 Resp: 511070

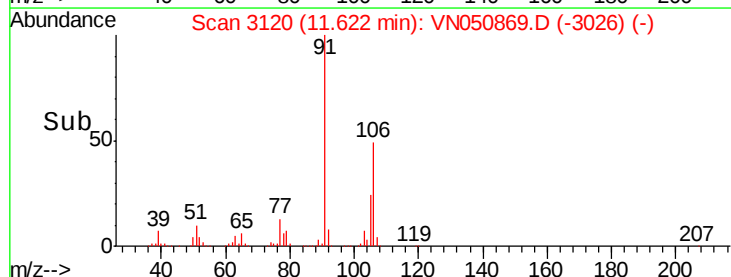
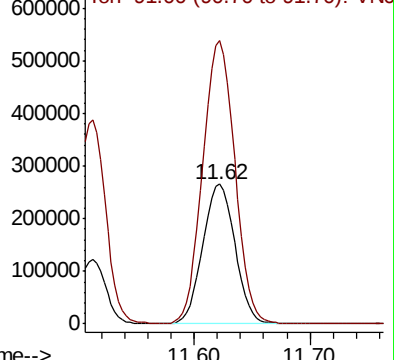
Ion Ratio Lower Upper

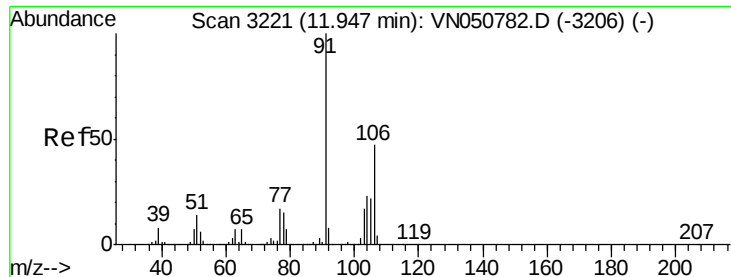
106 100

91 202.2 161.0 241.6



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

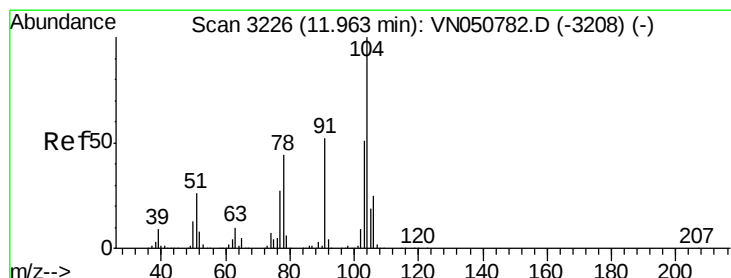
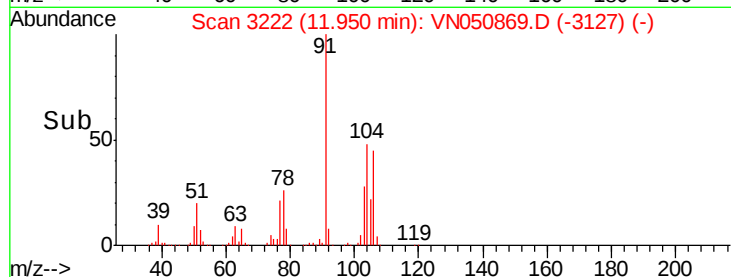
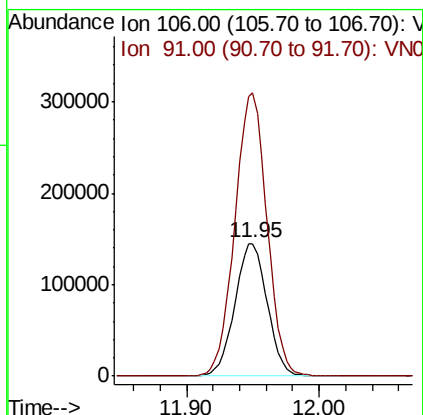
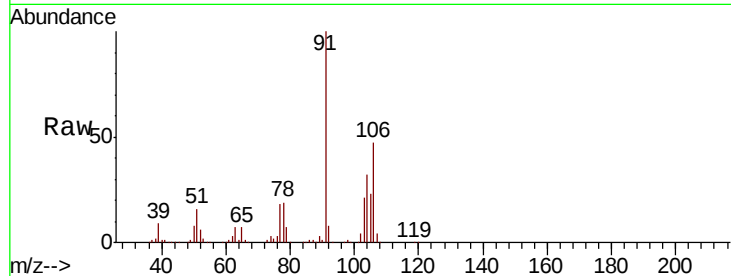




#69  
o-Xylene  
Concen: 20.37 ug/l  
RT: 11.95 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

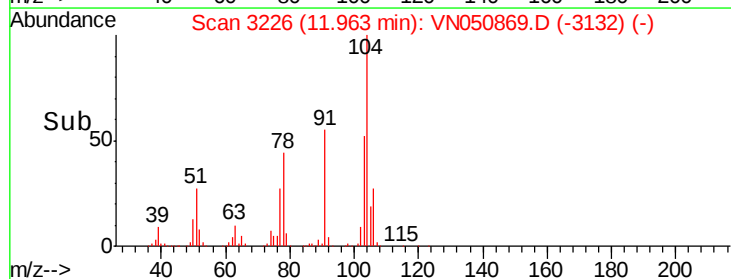
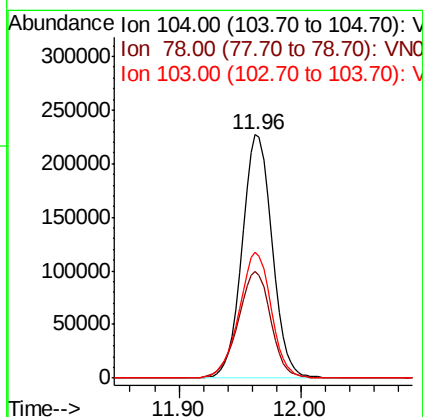
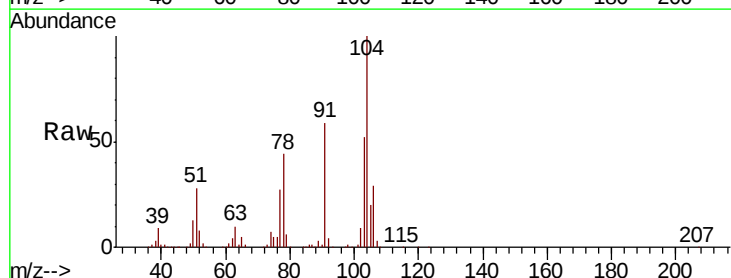
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0824MBS01

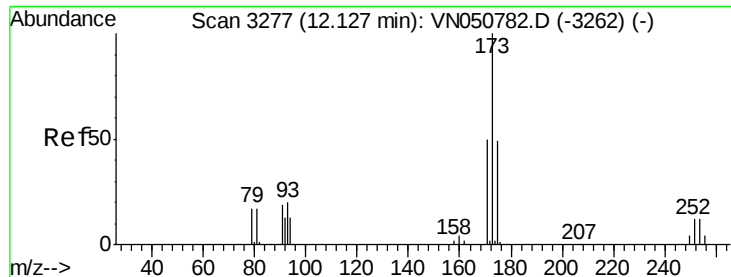
Tot Ion:106 Resp: 245210  
Ion Ratio Lower Upper  
106 100  
91 212.2 106.5 319.5



#70  
Styrene  
Concen: 18.94 ug/l  
RT: 11.96 min Scan# 3226  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Tgt Ion:104 Resp: 384597  
Ion Ratio Lower Upper  
104 100  
78 47.7 38.2 57.4  
103 55.5 44.4 66.6

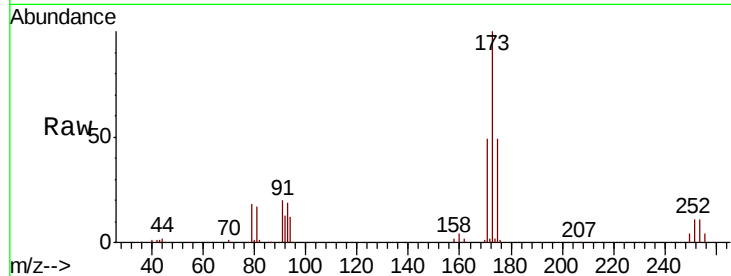




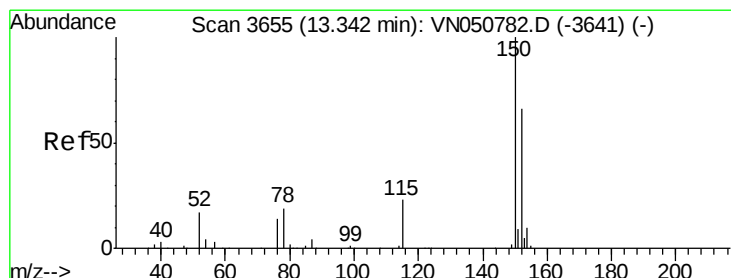
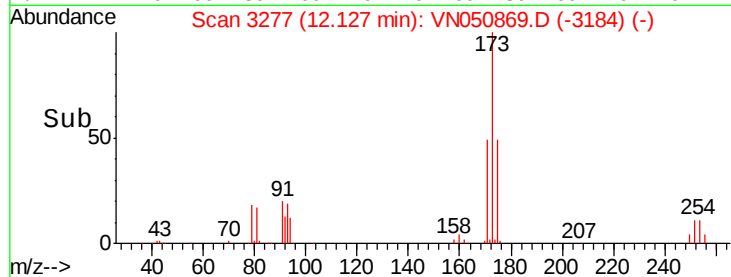
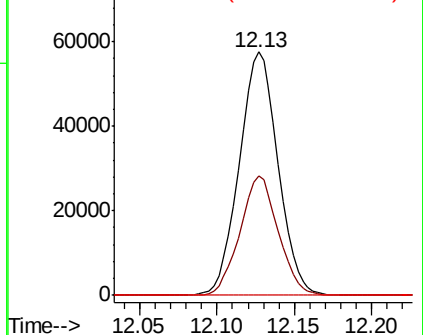
#71  
Bromoform  
Concen: 19.59 ug/l  
RT: 12.13 min Scan# 3277  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0824MBS01

Tot Ion:173 Resp: 100032  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.4 73.4  
254 0.0 0.1 0.1#

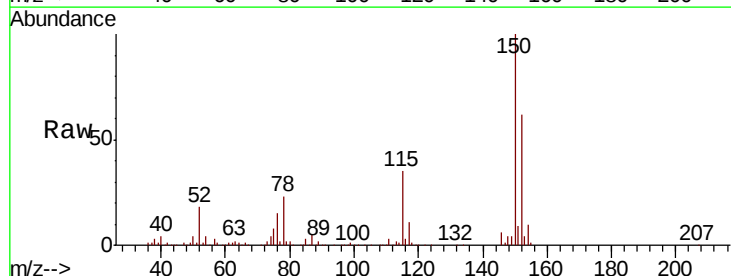


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

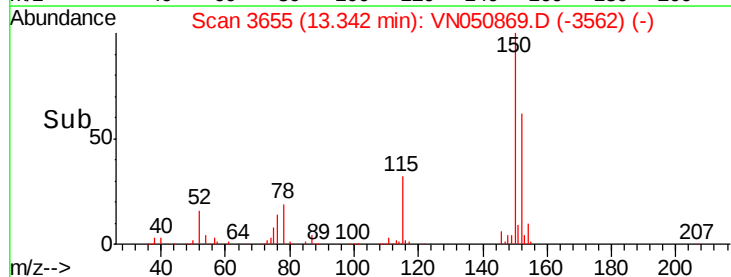
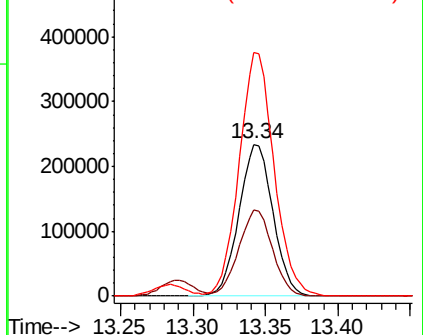


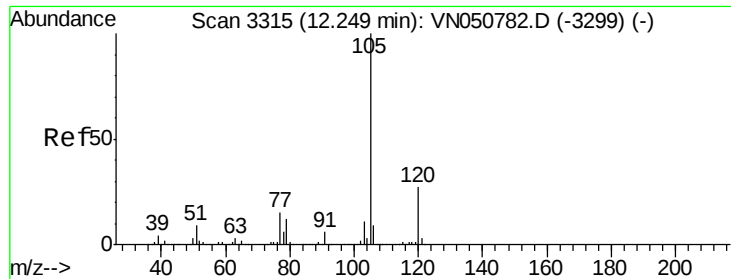
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.34 min Scan# 3655  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Tgt Ion:152 Resp: 380314  
Ion Ratio Lower Upper  
152 100  
115 56.5 27.8 83.4  
150 164.9 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.39 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

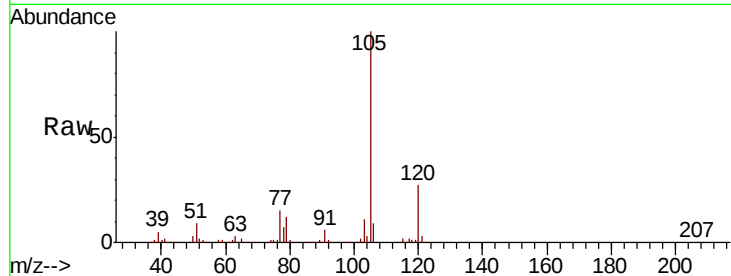
VN0824MBS01

Tot Ion:105 Resp: 642045

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

300000

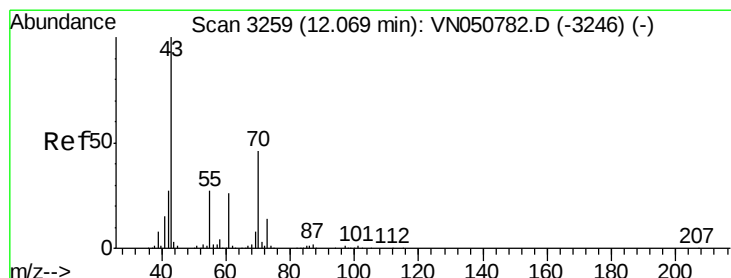
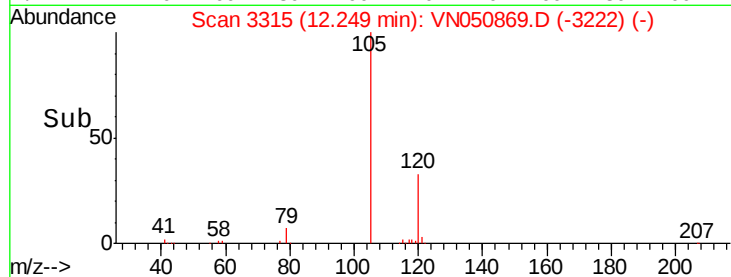
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 19.13 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Tgt Ion: 43 Resp: 151337

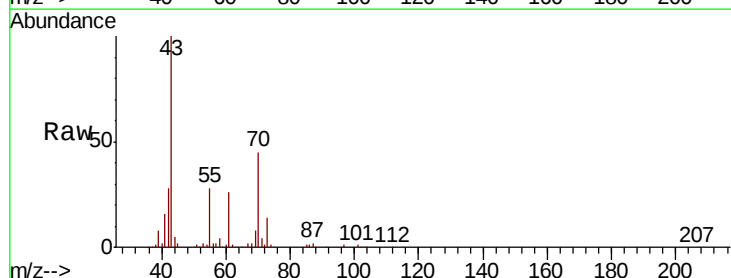
Ion Ratio Lower Upper

43 100

70 44.3 36.2 54.2

55 27.8 21.8 32.8

61 24.9 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.07

150000

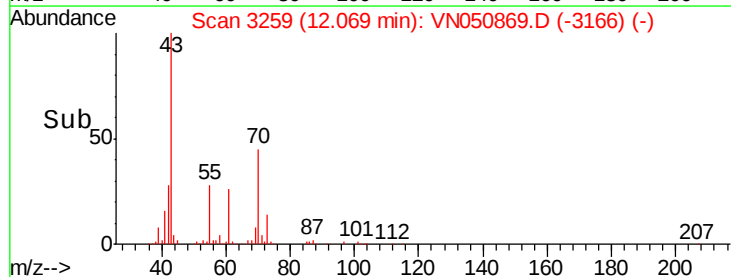
100000

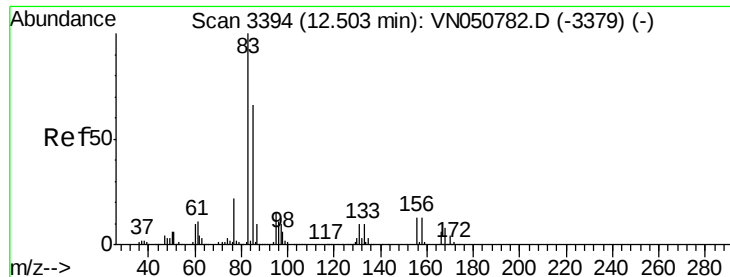
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 20.88 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampled :

VN0824MBS01

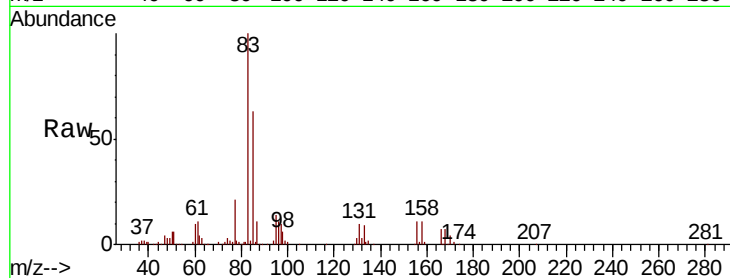
Tot Ion: 83 Resp: 163946

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

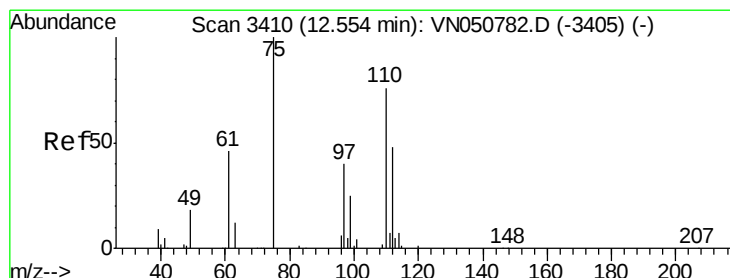
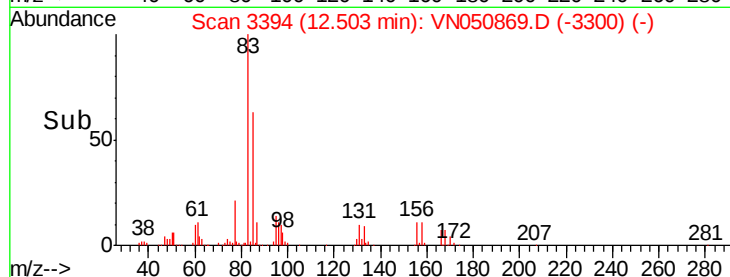
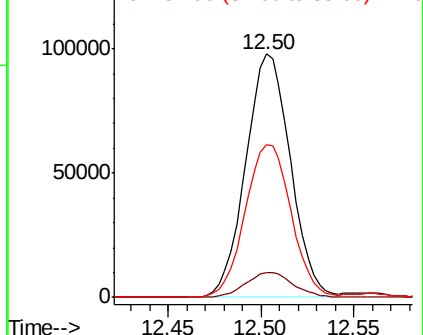
85 64.3 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.52 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050869.D

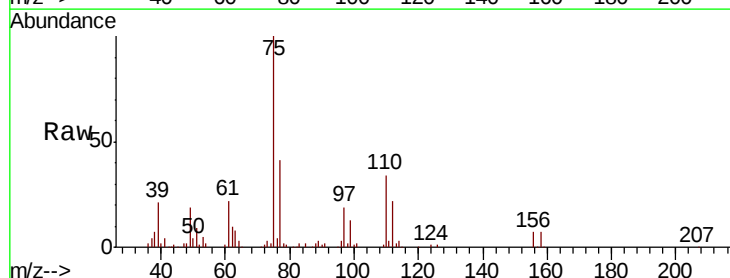
Acq: 24 Aug 2018 12:00

Tgt Ion: 75 Resp: 189982

Ion Ratio Lower Upper

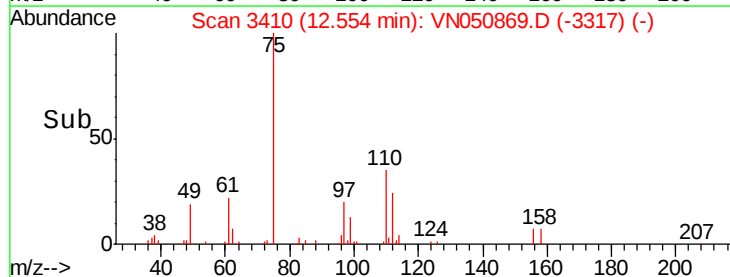
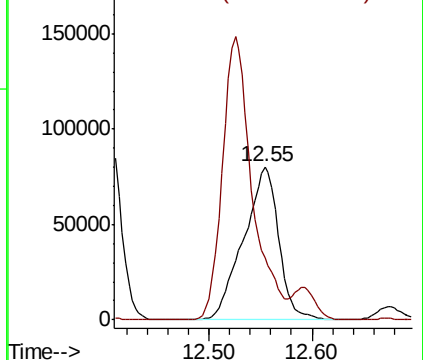
75 100

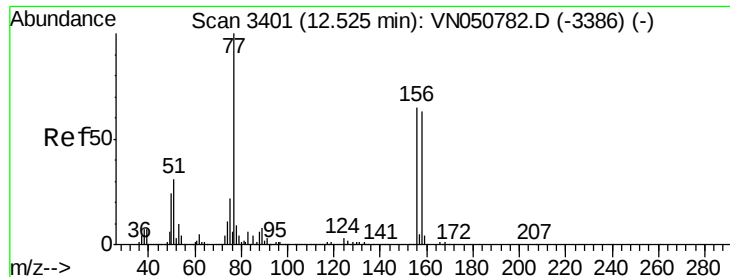
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.66 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0824MBS01

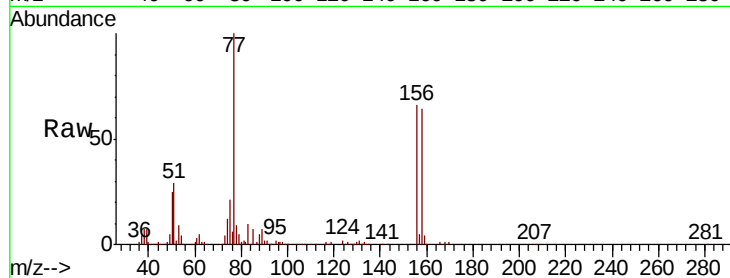
Tot Ion:156 Resp: 168278

Ion Ratio Lower Upper

156 100

77 176.6 89.9 269.7

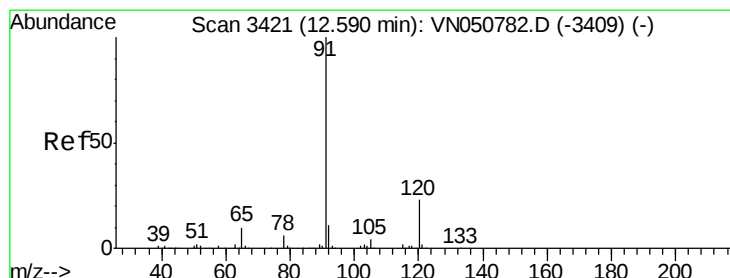
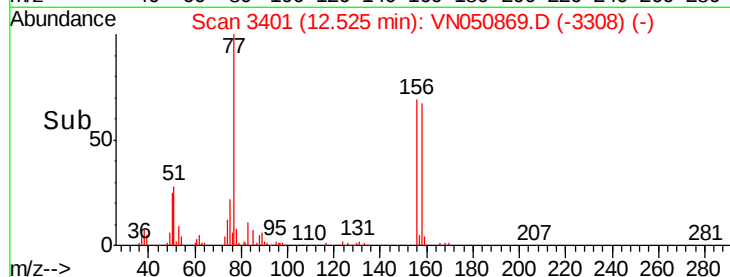
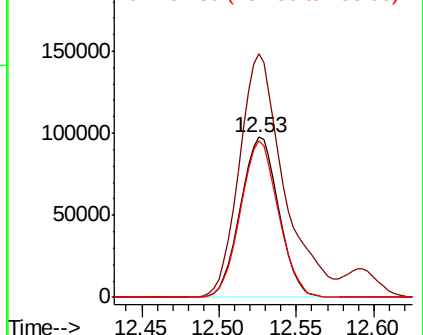
158 96.6 49.3 147.9



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: 20.54 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050869.D

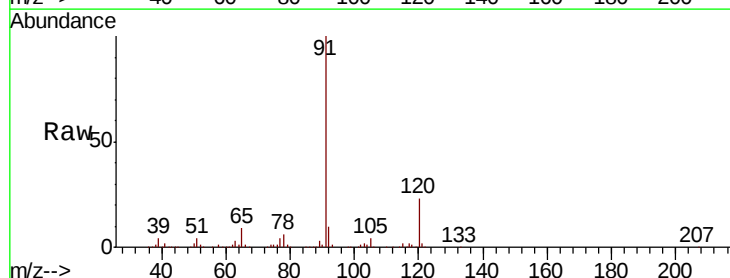
Acq: 24 Aug 2018 12:00

Tgt Ion: 91 Resp: 722610

Ion Ratio Lower Upper

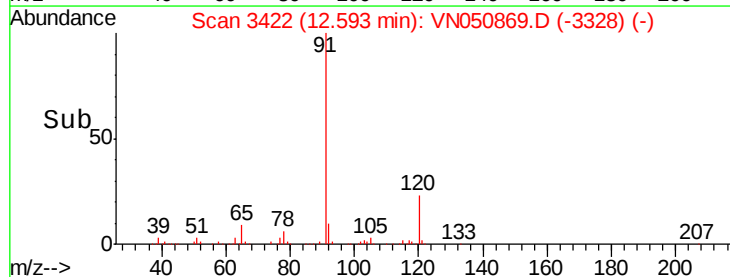
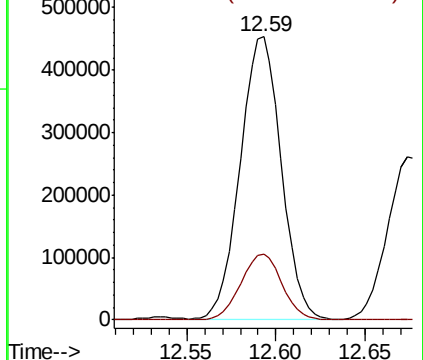
91 100

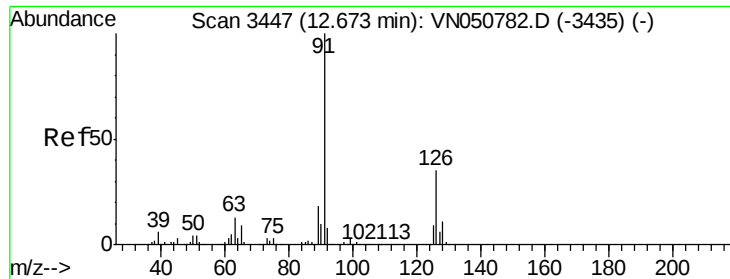
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.23 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

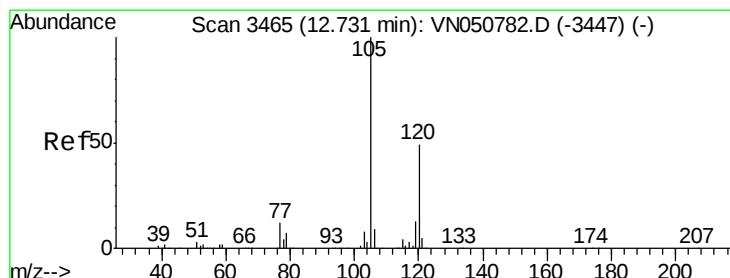
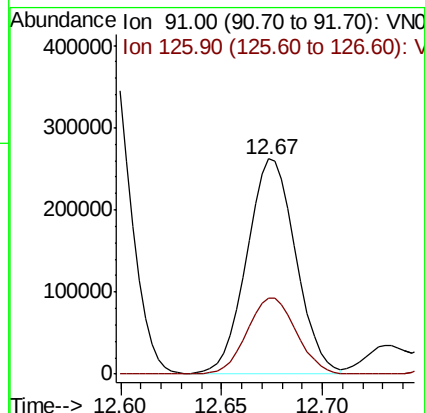
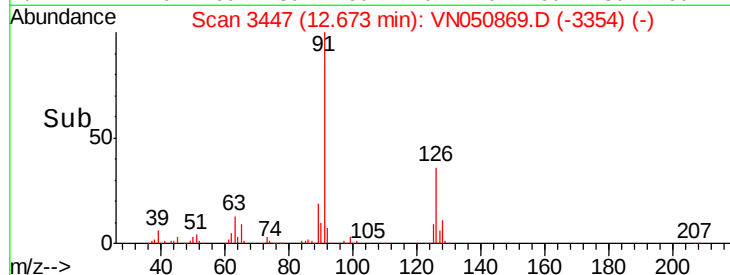
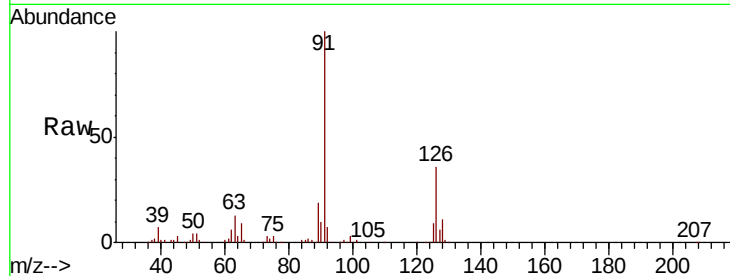
VN0824MBS01

Tot Ion: 91 Resp: 443233

Ion Ratio Lower Upper

91 100

126 35.9 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 21.07 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. 0.00 min

Lab File: VN050869.D

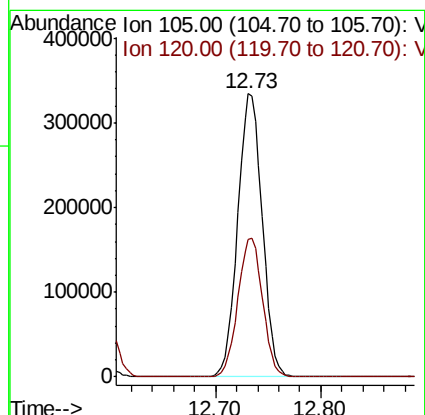
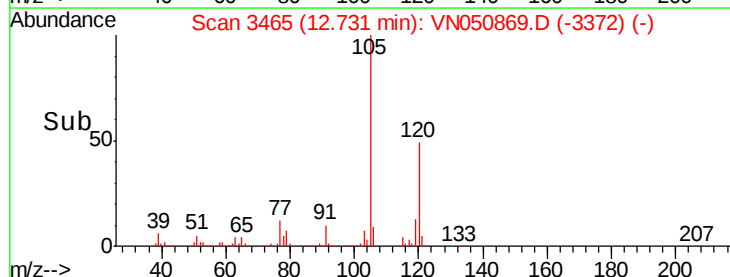
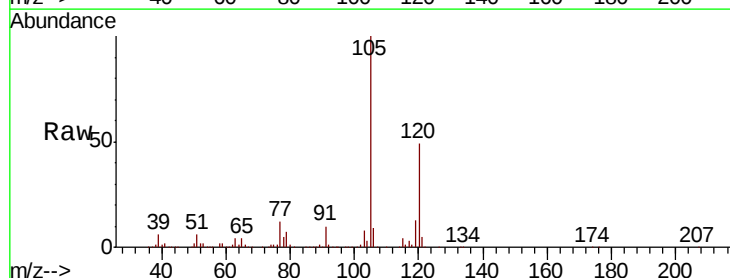
Acq: 24 Aug 2018 12:00

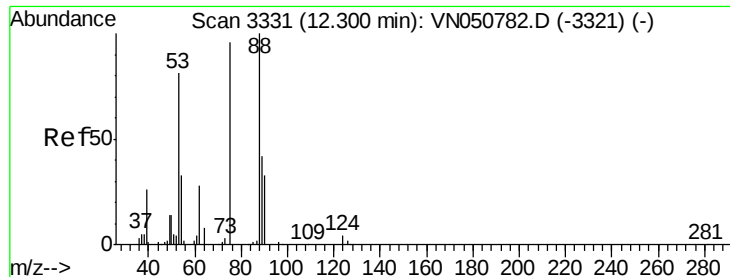
Tgt Ion: 105 Resp: 535348

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.50 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampled :

VN0824MBS01

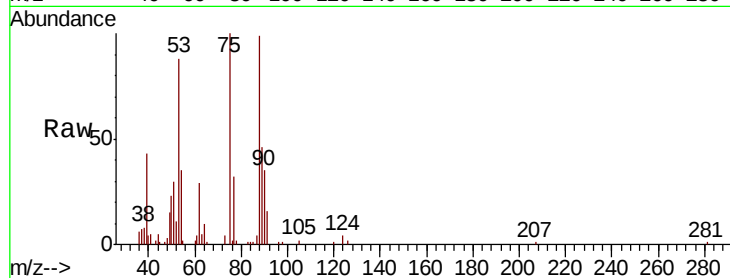
Tot Ion: 75 Resp: 38418

Ion Ratio Lower Upper

75 100

53 89.5 68.9 103.3

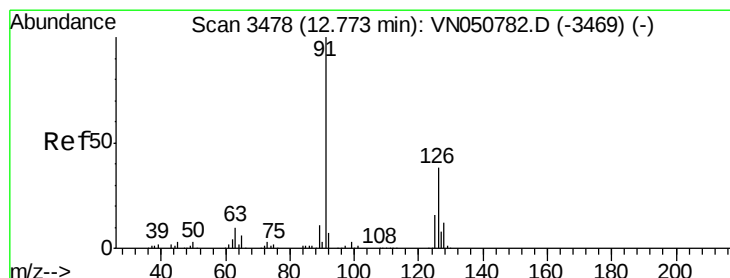
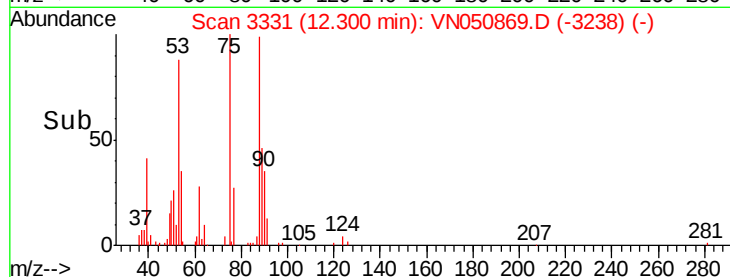
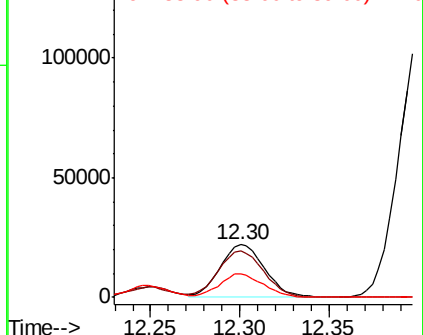
89 43.7 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.33 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN050869.D

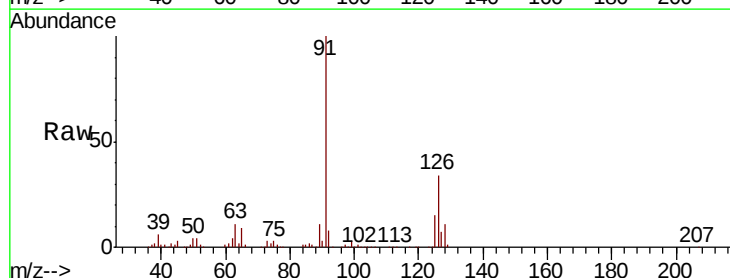
Acq: 24 Aug 2018 12:00

Tgt Ion: 91 Resp: 439880

Ion Ratio Lower Upper

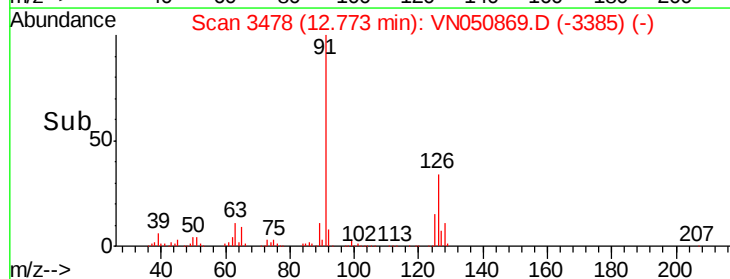
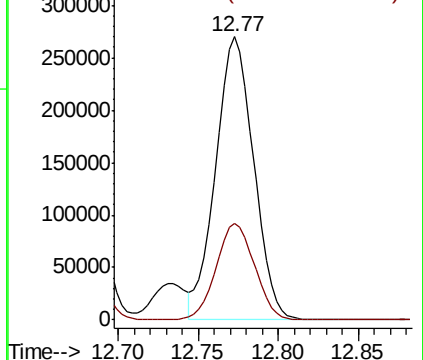
91 100

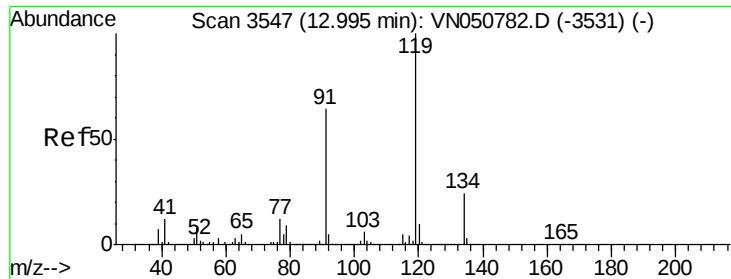
126 34.5 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

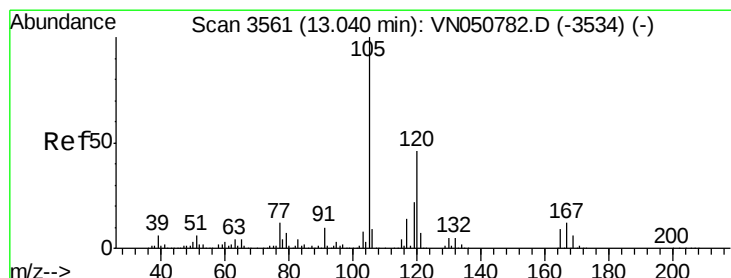
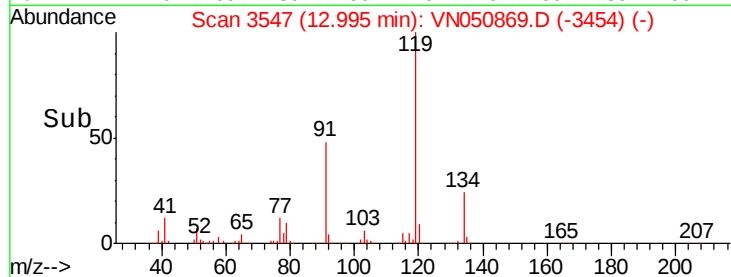
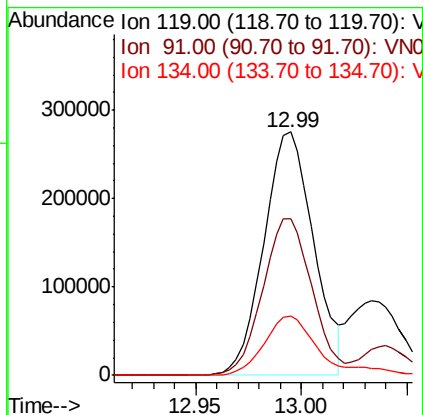
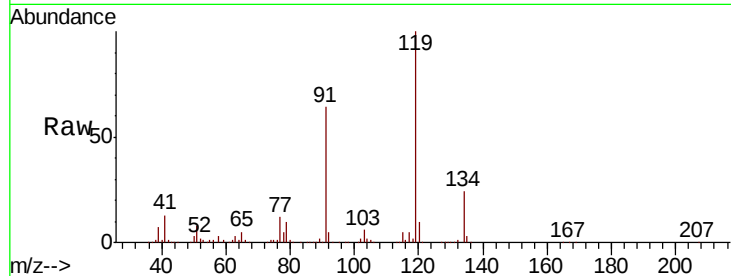




#83  
 tert-Butylbenzene  
 Concen: 20.57 ug/l  
 RT: 12.99 min Scan# 3547  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

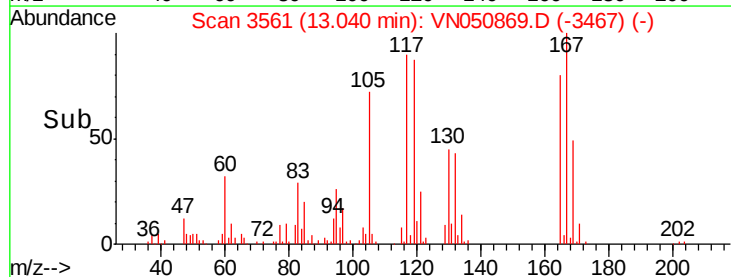
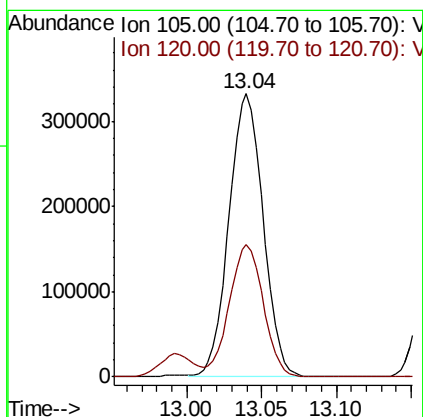
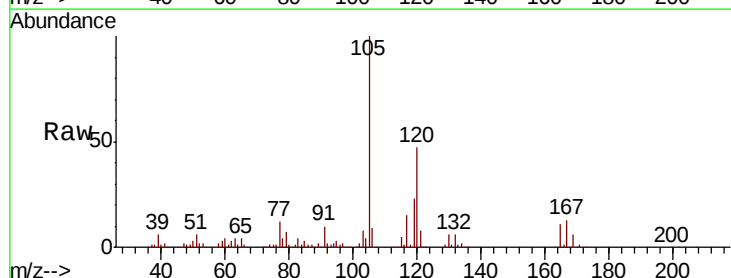
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0824MBS01

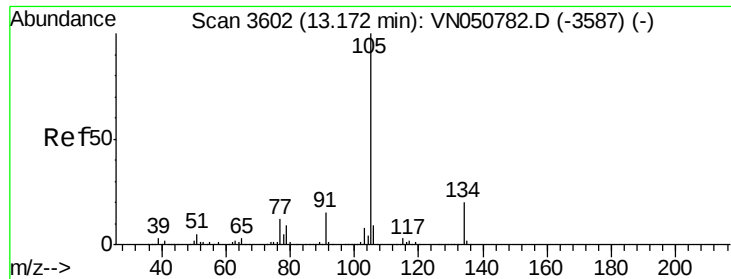
Tot Ion:119 Resp: 452593  
 Ion Ratio Lower Upper  
 119 100  
 91 63.8 31.6 94.7  
 134 27.0 13.4 40.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.71 ug/l  
 RT: 13.04 min Scan# 3561  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

Tgt Ion:105 Resp: 529326  
 Ion Ratio Lower Upper  
 105 100  
 120 46.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 20.72 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

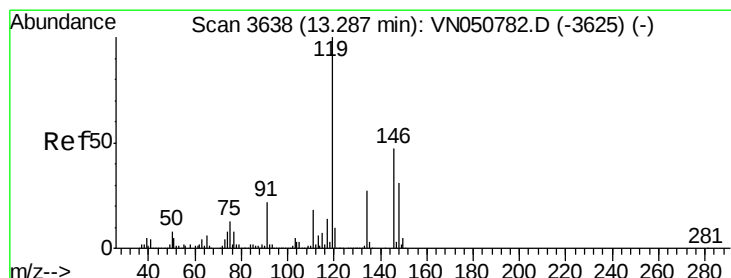
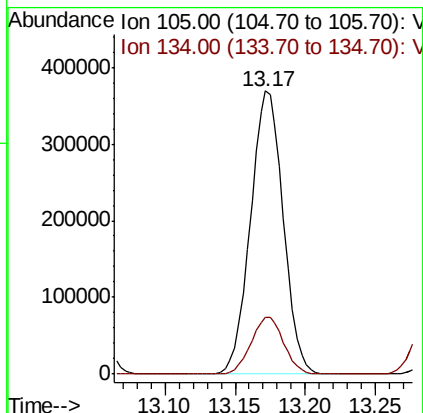
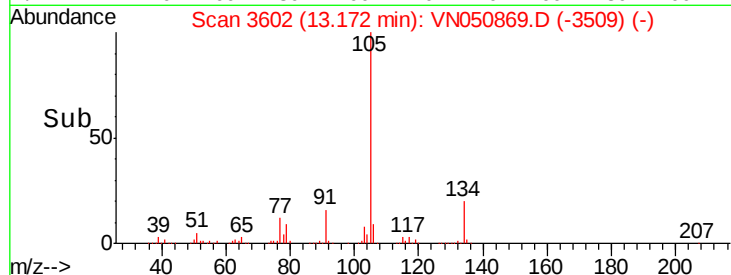
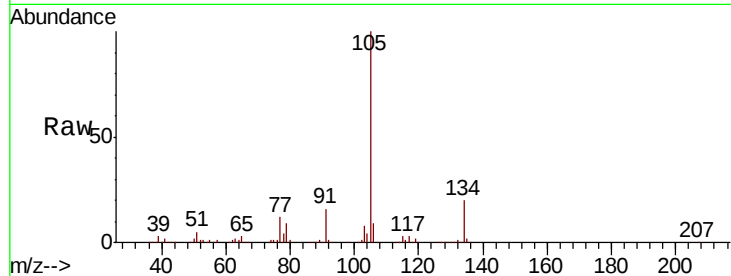
VN0824MBS01

Tot Ion:105 Resp: 597548

Ion Ratio Lower Upper

105 100

134 20.0 10.3 30.8



#86

p-Isopropyltoluene

Concen: 21.07 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

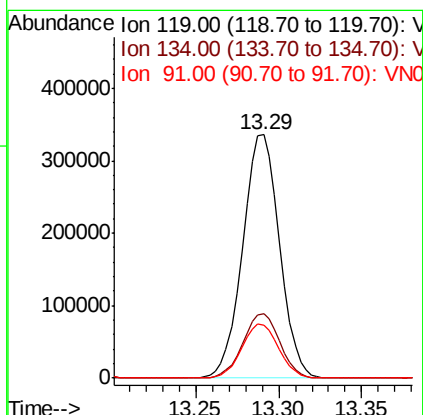
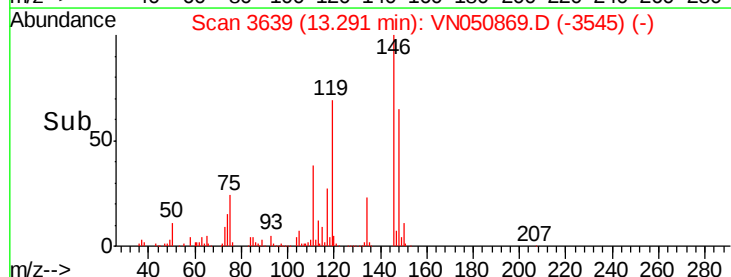
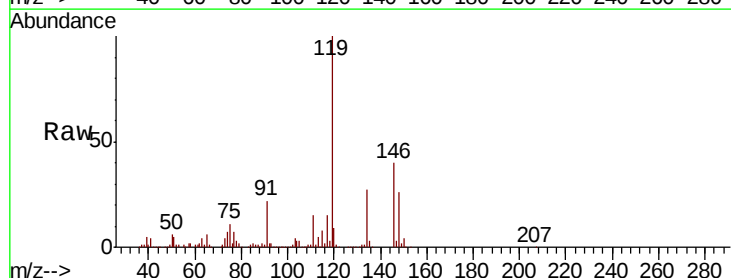
Tgt Ion:119 Resp: 517722

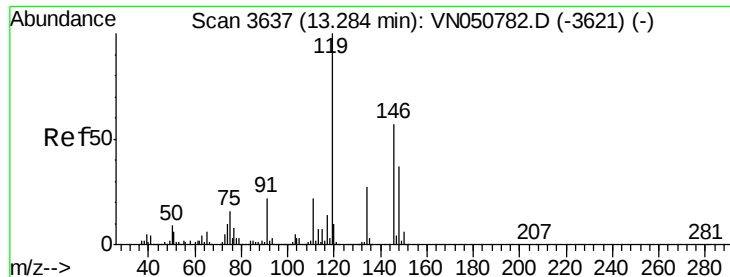
Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.0

91 22.1 11.2 33.5

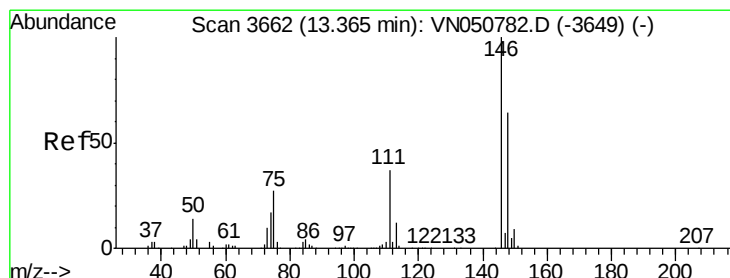
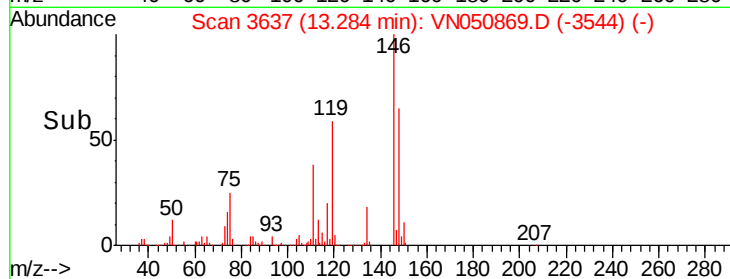
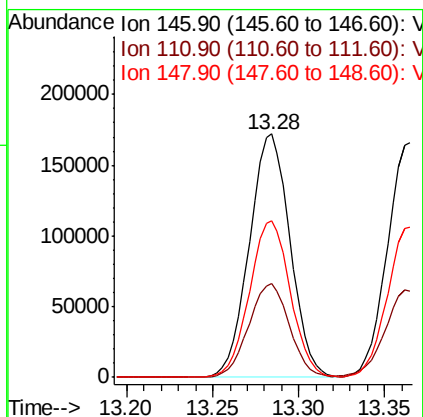
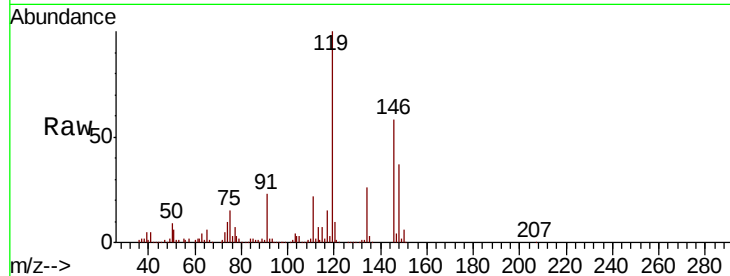




#87  
 1,3-Dichlorobenzene  
 Concen: 19.47 ug/l  
 RT: 13.28 min Scan# 3637  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

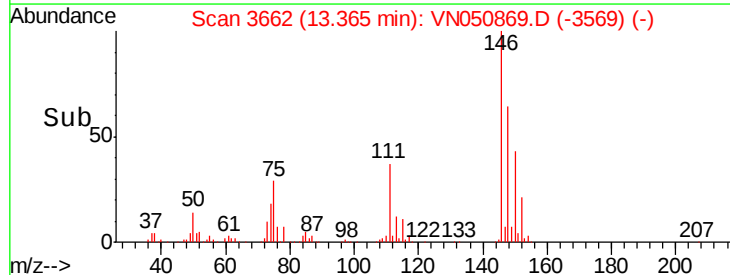
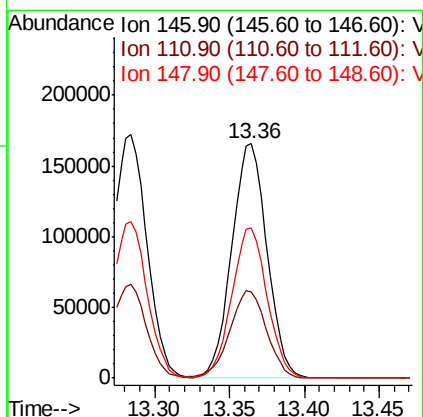
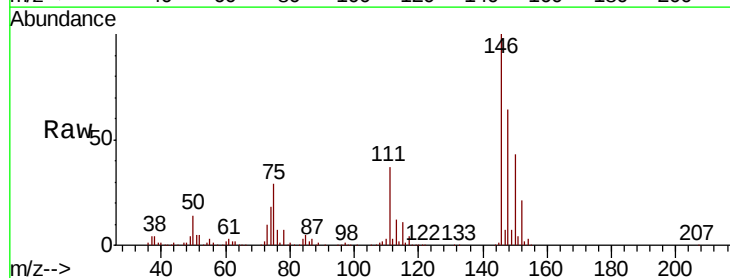
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0824MBS01

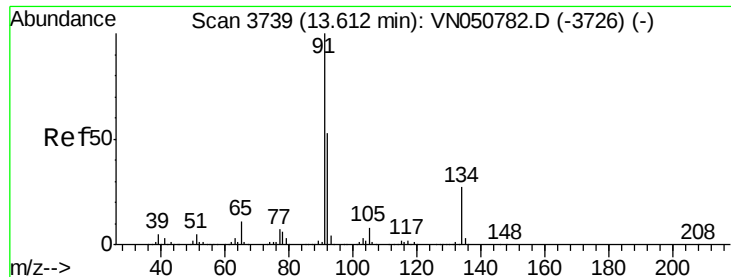
Tot Ion:146 Resp: 282800  
 Ion Ratio Lower Upper  
 146 100  
 111 38.4 19.1 57.3  
 148 64.3 32.2 96.6



#88  
 1,4-Dichlorobenzene  
 Concen: 19.03 ug/l  
 RT: 13.36 min Scan# 3662  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

Tgt Ion:146 Resp: 271997  
 Ion Ratio Lower Upper  
 146 100  
 111 38.7 18.8 56.3  
 148 64.1 32.2 96.6

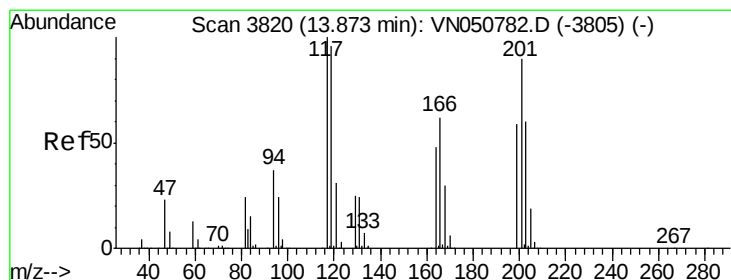
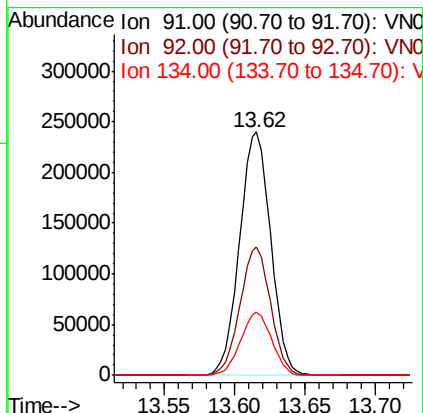
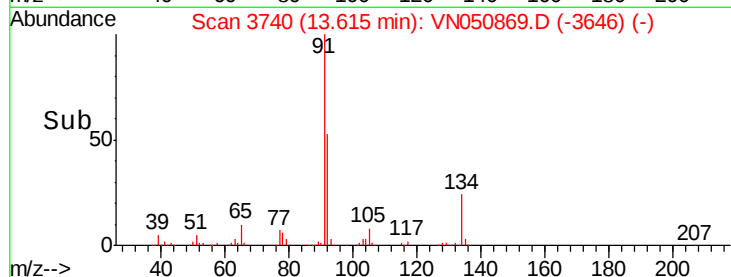
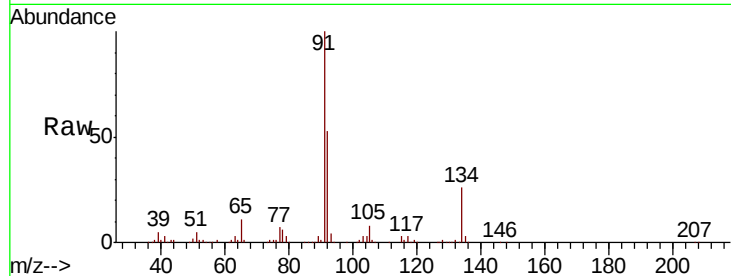




#89  
n-Butylbenzene  
Concen: 18.97 ug/l  
RT: 13.62 min Scan# 3740  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

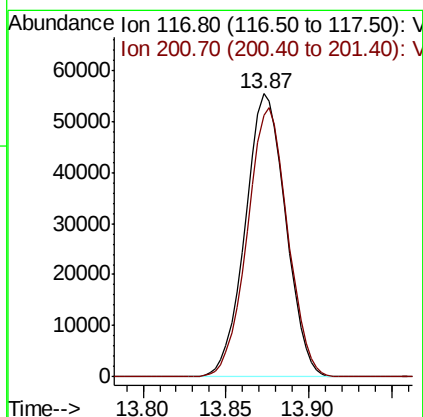
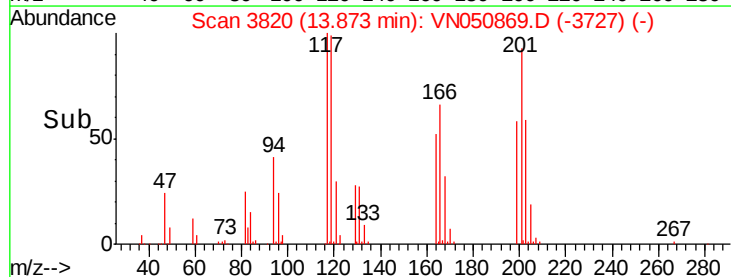
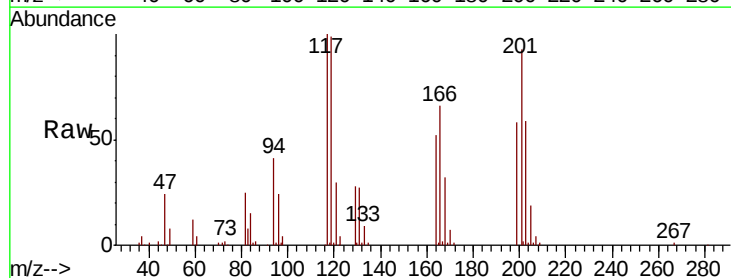
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0824MBS01

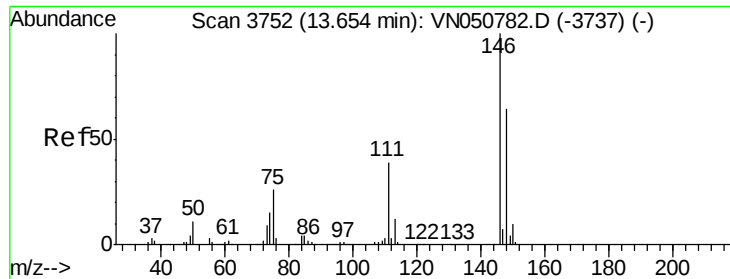
Tot Ion: 91 Resp: 372740  
Ion Ratio Lower Upper  
91 100  
92 51.6 26.1 78.2  
134 25.9 13.2 39.6



#90  
Hexachloroethane  
Concen: 20.15 ug/l  
RT: 13.87 min Scan# 3820  
Delta R.T. 0.00 min  
Lab File: VN050869.D  
Acq: 24 Aug 2018 12:00

Tgt Ion: 117 Resp: 93828  
Ion Ratio Lower Upper  
117 100  
201 94.7 46.0 137.8





#91

1,2-Dichlorobenzene

Concen: 19.99 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampled :

VN0824MBS01

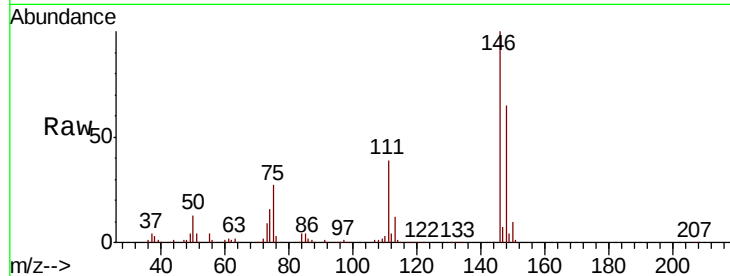
Tot Ion:146 Resp: 280101

Ion Ratio Lower Upper

146 100

111 39.2 19.8 59.3

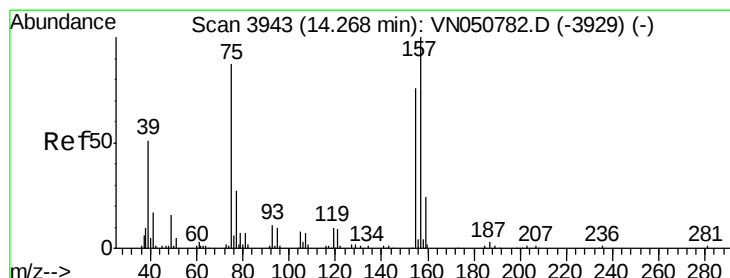
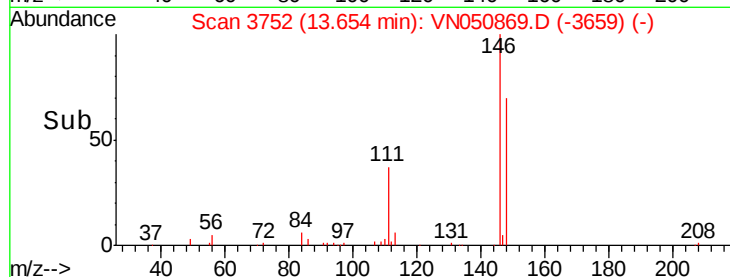
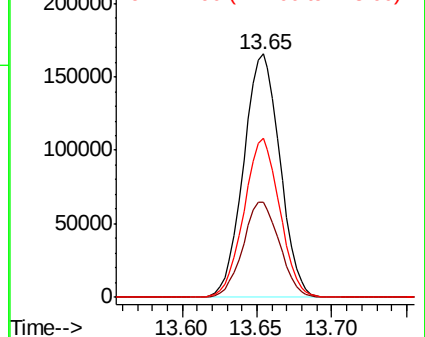
148 64.3 32.3 96.8



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: 19.26 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

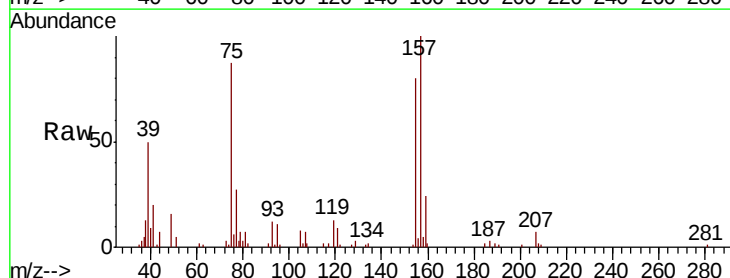
Tgt Ion: 75 Resp: 21777

Ion Ratio Lower Upper

75 100

155 91.2 46.4 139.1

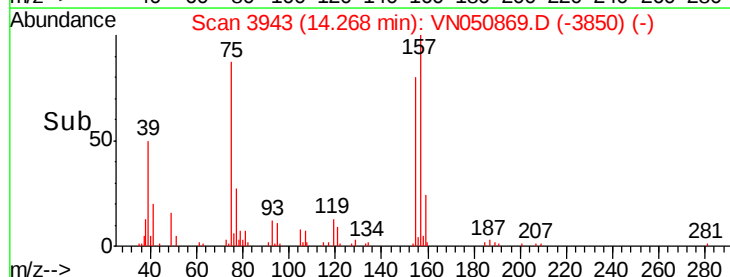
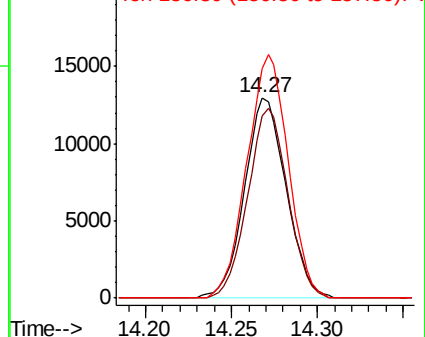
157 120.4 60.7 182.0

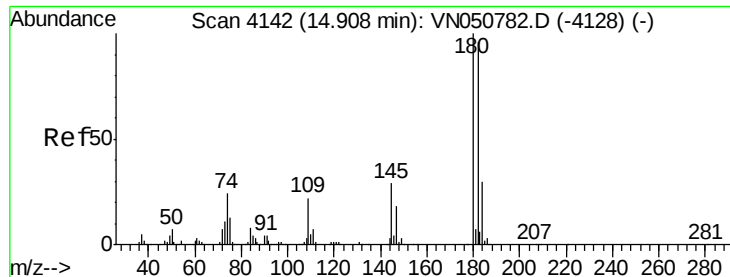


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

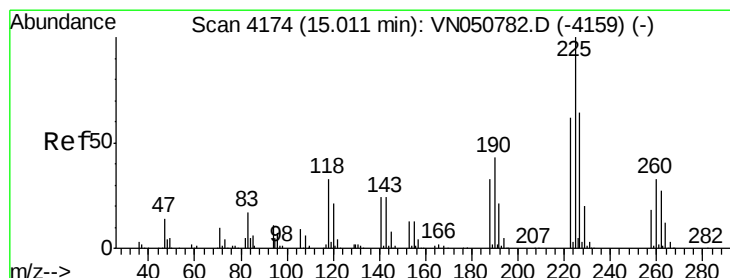
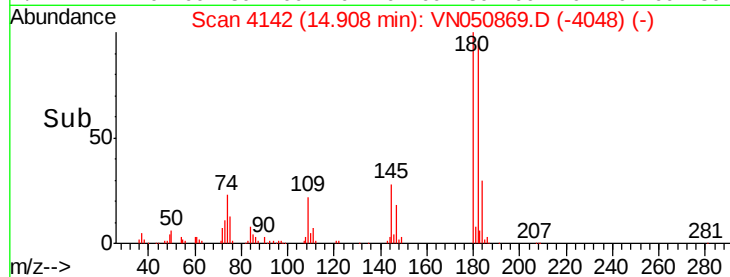
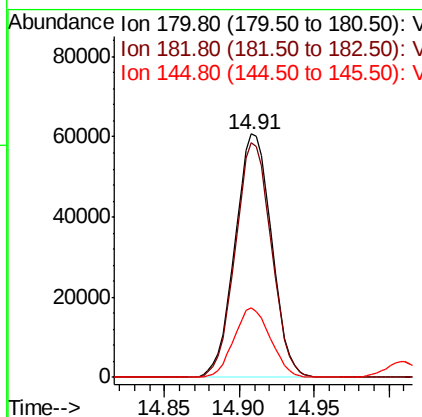
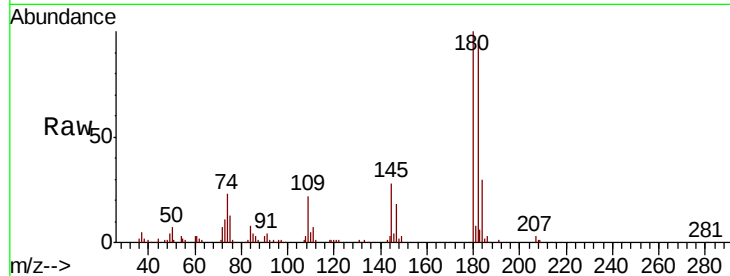




#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.10 ug/l  
 RT: 14.91 min Scan# 4142  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

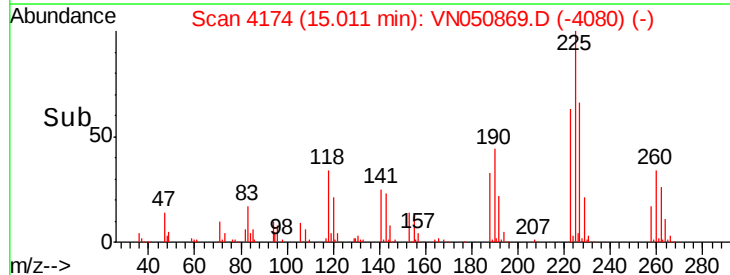
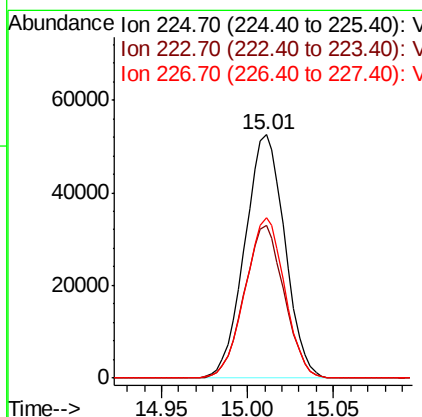
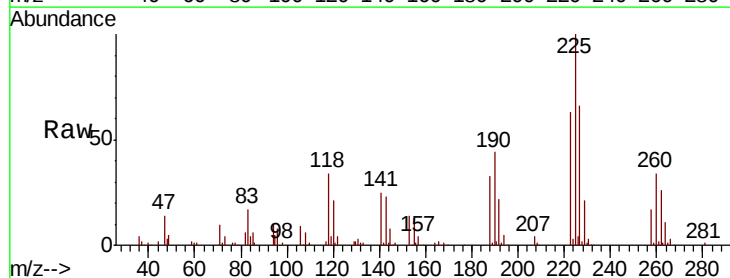
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0824MBS01

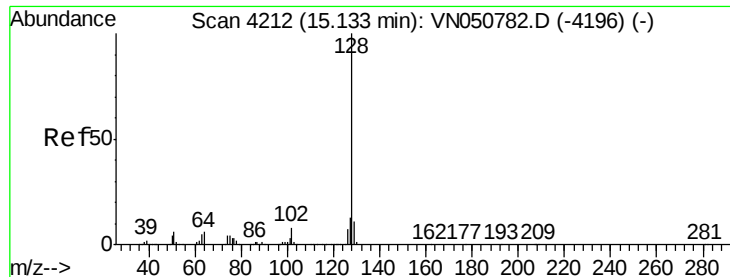
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 48.2  | 144.6 |
| 145     | 28.4  | 14.1  | 42.2  |



#94  
 Hexachlorobutadiene  
 Concen: 19.78 ug/l  
 RT: 15.01 min Scan# 4174  
 Delta R.T. 0.00 min  
 Lab File: VN050869.D  
 Acq: 24 Aug 2018 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 31.3  | 93.8  |
| 227     | 64.8  | 32.0  | 96.2  |





#95

Naphthalene

Concen: 16.20 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0824MBS01

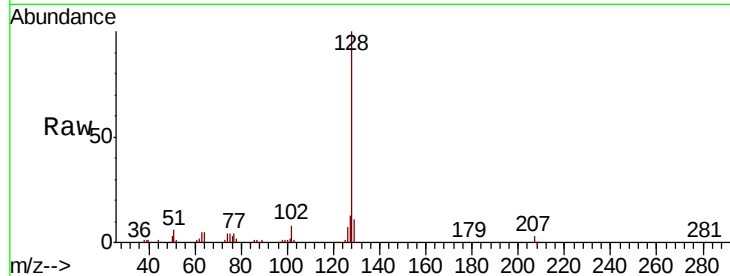
Tot Ion:128 Resp: 183933

Ion Ratio Lower Upper

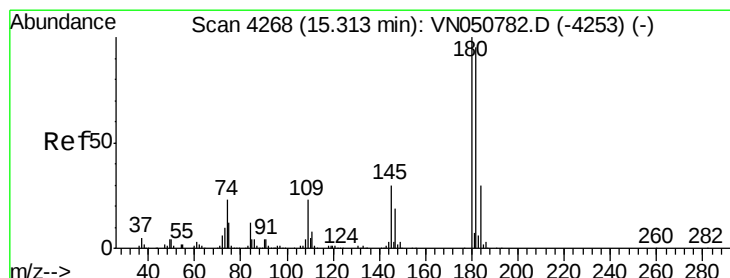
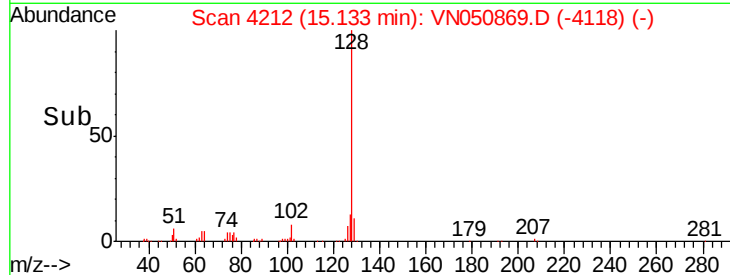
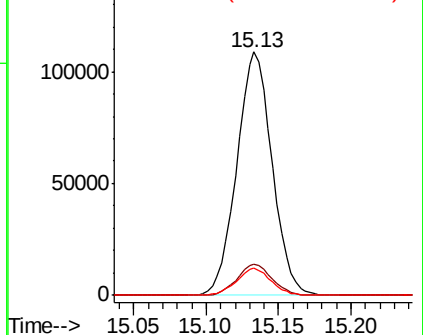
128 100

127 12.8 10.5 15.7

129 10.7 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: 17.65 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050869.D

Acq: 24 Aug 2018 12:00

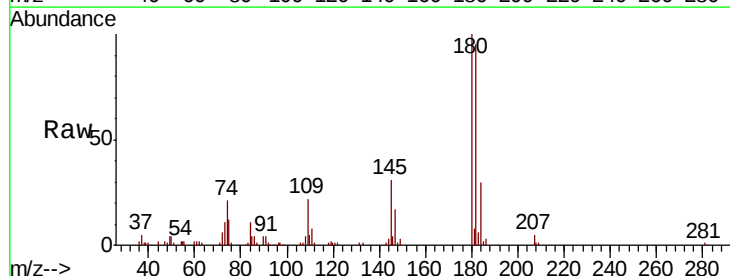
Tgt Ion:180 Resp: 105001

Ion Ratio Lower Upper

180 100

182 96.7 48.0 144.2

145 30.1 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

