

Data Path : W:\HPCHEM1\MSVOA\_N\DATA\VN091715\  
 Data File : VN027265.D  
 Acq On : 17 Sep 2015 19:49  
 Operator : MD\FY  
 Sample : G3704-13MSD  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

Quant Time: Sep 18 01:17:43 2015  
 Quant Method : W:\HPCHEM1\MSVOA\_N\METHODS\82N091515W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 15 21:12:09 2015  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.75  | 168  | 522470   | 50.00 | ug/l  | 0.00     |
| 35) 1,4-Difluorobenzene    | 8.68  | 114  | 999193   | 50.00 | ug/l  | 0.00     |
| 64) Chlorobenzene-d5       | 11.52 | 117  | 855976   | 50.00 | ug/l  | 0.00     |
| 73) 1,4-Dichlorobenzene-d4 | 13.47 | 152  | 331635   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 34) 1,2-Dichloroethane-d4   | 8.12   | 65  | 534094   | 49.89 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.78% |      |
| 36) Dibromofluoromethane    | 7.68   | 113 | 338528   | 48.88 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.76% |      |
| 51) Toluene-d8              | 10.19  | 98  | 1303411  | 48.06 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.12% |      |
| 63) 4-Bromofluorobenzene    | 12.52  | 95  | 456107   | 47.38 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.76% |      |

| Target Compounds               |      |     |         |        |      | Qvalue |
|--------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane     | 1.80 | 85  | 291681  | 46.66  | ug/l | 99     |
| 3) Chlorodifluoromethane       | 1.82 | 51  | 364396  | 50.37  | ug/l | 93     |
| 4) Chloromethane               | 2.01 | 50  | 328732  | 47.02  | ug/l | 99     |
| 5) Vinyl Chloride              | 2.14 | 62  | 365052  | 49.44  | ug/l | 97     |
| 6) Bromomethane                | 2.54 | 94  | 149065  | 41.41  | ug/l | 95     |
| 7) Chloroethane                | 2.68 | 64  | 234871  | 46.80  | ug/l | 99     |
| 8) Trichlorofluoromethane      | 3.02 | 101 | 544803  | 48.85  | ug/l | 97     |
| 9) Diethyl Ether               | 3.42 | 74  | 249780  | 48.67  | ug/l | 84     |
| 10) 1,1,2-Trichlorotrifluoroet | 3.79 | 101 | 339174  | 48.42  | ug/l | 96     |
| 11) Methyl Iodide              | 3.99 | 142 | 264159  | 38.80  | ug/l | 93     |
| 12) Tert butyl alcohol         | 4.80 | 59  | 251210  | 239.98 | ug/l | 99     |
| 13) 1,1-Dichloroethene         | 3.77 | 96  | 326659  | 48.70  | ug/l | 95     |
| 14) Acrolein                   | 3.62 | 56  | 307693  | 250.21 | ug/l | 96     |
| 15) Allyl chloride             | 4.37 | 41  | 632606  | 46.69  | ug/l | # 82   |
| 16) Acrylonitrile              | 5.02 | 53  | 867886  | 253.53 | ug/l | 97     |
| 17) Acetone                    | 3.82 | 43  | 673459  | 233.33 | ug/l | 96     |
| 18) Carbon Disulfide           | 4.11 | 76  | 981163  | 44.91  | ug/l | 99     |
| 19) Methyl Acetate             | 4.36 | 43  | 1027341 | 49.14  | ug/l | 95     |
| 20) Methyl tert-butyl Ether    | 5.12 | 73  | 1307456 | 48.55  | ug/l | 96     |
| 21) Methylene Chloride         | 4.60 | 84  | 392674  | 48.84  | ug/l | 98     |
| 22) trans-1,2-Dichloroethene   | 5.12 | 96  | 349558  | 48.18  | ug/l | 94     |
| 23) Diisopropyl ether          | 6.04 | 45  | 1375584 | 48.39  | ug/l | # 91   |
| 24) Vinyl Acetate              | 5.97 | 43  | 2942522 | 312.72 | ug/l | 97     |
| 25) 1,1-Dichloroethane         | 5.93 | 63  | 792839  | 48.01  | ug/l | 99     |
| 26) 2-Butanone                 | 6.91 | 43  | 1063682 | 244.73 | ug/l | 98     |
| 27) 2,2-Dichloropropane        | 6.92 | 77  | 645342  | 45.04  | ug/l | 95     |
| 28) cis-1,2-Dichloroethene     | 6.92 | 96  | 420276  | 50.50  | ug/l | 98     |
| 29) Bromochloromethane         | 7.29 | 49  | 296105  | 46.19  | ug/l | 95     |
| 30) Tetrahydrofuran            | 7.31 | 42  | 697056  | 232.71 | ug/l | 91     |
| 31) Chloroform                 | 7.46 | 83  | 750591  | 50.30  | ug/l | 98     |
| 32) Cyclohexane                | 7.77 | 56  | 722505  | 49.13  | ug/l | 93     |
| 33) 1,1,1-Trichloroethane      | 7.67 | 97  | 654460  | 49.19  | ug/l | 97     |
| 37) 1,1-Dichloropropene        | 7.89 | 75  | 565028  | 48.31  | ug/l | 98     |
| 38) Ethyl Acetate              | 7.02 | 43  | 469310  | 47.14  | ug/l | 98     |

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 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

Quant Time: Sep 18 01:17:43 2015  
 Quant Method : W:\HPCHEM1\MSVOA\_N\METHODS\82N091515W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 15 21:12:09 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Carbon Tetrachloride       | 7.88  | 117  | 526375   | 47.87  | ug/l   | 99       |
| 40) Methylcyclohexane          | 9.19  | 83   | 663030   | 46.55  | ug/l   | 97       |
| 41) Benzene                    | 8.14  | 78   | 1634566  | 47.90  | ug/l   | 99       |
| 42) Methacrylonitrile          | 7.24  | 41   | 276407   | 48.89  | ug/l # | 91       |
| 43) 1,2-Dichloroethane         | 8.22  | 62   | 663273   | 48.24  | ug/l   | 95       |
| 44) Isopropyl Acetate          | 8.25  | 43   | 879040   | 47.03  | ug/l   | 99       |
| 45) Trichloroethene            | 8.93  | 130  | 328058   | 47.86  | ug/l   | 90       |
| 46) 1,2-Dichloropropane        | 9.22  | 63   | 460440   | 46.90  | ug/l   | 98       |
| 47) Dibromomethane             | 9.31  | 93   | 275737   | 47.83  | ug/l   | 93       |
| 48) Bromodichloromethane       | 9.49  | 83   | 585727   | 48.21  | ug/l   | 98       |
| 49) Methyl methacrylate        | 9.29  | 41   | 436225   | 46.84  | ug/l # | 85       |
| 50) 1,4-Dioxane                | 9.30  | 88   | 103261   | 945.46 | ug/l   | 96       |
| 52) 4-Methyl-2-Pentanone       | 10.07 | 43   | 2355072  | 238.31 | ug/l   | 99       |
| 53) Toluene                    | 10.26 | 92   | 954173   | 47.73  | ug/l   | 100      |
| 54) t-1,3-Dichloropropene      | 10.47 | 75   | 631936   | 46.32  | ug/l   | 99       |
| 55) cis-1,3-Dichloropropene    | 9.93  | 75   | 684144   | 46.09  | ug/l   | 92       |
| 56) 1,1,2-Trichloroethane      | 10.66 | 97   | 365936   | 48.71  | ug/l   | 99       |
| 57) Ethyl methacrylate         | 10.52 | 69   | 599279   | 47.33  | ug/l # | 90       |
| 58) 1,3-Dichloropropane        | 10.81 | 76   | 673978   | 48.33  | ug/l   | 98       |
| 59) 2-Chloroethyl Vinyl ether  | 9.82  | 63   | 3527     | 0.61   | ug/l # | 54       |
| 60) 2-Hexanone                 | 10.84 | 43   | 1575905  | 234.22 | ug/l   | 100      |
| 61) Dibromochloromethane       | 11.00 | 129  | 365450   | 47.63  | ug/l   | 100      |
| 62) 1,2-Dibromoethane          | 11.11 | 107  | 356368   | 48.27  | ug/l   | 100      |
| 65) Tetrachloroethene          | 10.74 | 164  | 251355   | 45.92  | ug/l   | 94       |
| 66) Chlorobenzene              | 11.54 | 112  | 946479   | 46.84  | ug/l   | 99       |
| 67) 1,1,1,2-Tetrachloroethane  | 11.62 | 131  | 319305   | 46.32  | ug/l   | 98       |
| 68) Ethyl Benzene              | 11.62 | 91   | 1821772  | 47.54  | ug/l   | 99       |
| 69) m/p-Xylenes                | 11.73 | 106  | 1257184  | 95.09  | ug/l   | 91       |
| 70) o-Xylene                   | 12.06 | 106  | 629270   | 47.48  | ug/l   | 91       |
| 71) Styrene                    | 12.07 | 104  | 1035676  | 48.41  | ug/l   | 95       |
| 72) Bromoform                  | 12.24 | 173  | 223578   | 46.64  | ug/l # | 99       |
| 74) Isopropylbenzene           | 12.36 | 105  | 1699637  | 46.51  | ug/l   | 97       |
| 75) N-amyl acetate             | 12.17 | 43   | 742029   | 45.50  | ug/l   | 99       |
| 76) 1,1,2,2-Tetrachloroethane  | 12.61 | 83   | 487229   | 51.77  | ug/l   | 99       |
| 77) 1,2,3-Trichloropropane     | 12.66 | 75   | 675341   | 67.38  | ug/l   | 53       |
| 78) Bromobenzene               | 12.64 | 156  | 334055   | 46.61  | ug/l   | 94       |
| 79) n-propylbenzene            | 12.71 | 91   | 2011741  | 46.79  | ug/l   | 98       |
| 80) 2-Chlorotoluene            | 12.79 | 91   | 1206535  | 46.73  | ug/l   | 95       |
| 81) 1,3,5-Trimethylbenzene     | 12.85 | 105  | 1361979  | 46.39  | ug/l   | 95       |
| 82) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 168057   | 41.19  | ug/l   | 93       |
| 83) 4-Chlorotoluene            | 12.89 | 91   | 1196183  | 47.16  | ug/l   | 95       |
| 84) tert-Butylbenzene          | 13.11 | 119  | 1088153  | 44.92  | ug/l   | 89       |
| 85) 1,2,4-Trimethylbenzene     | 13.16 | 105  | 1383716  | 46.92  | ug/l   | 94       |
| 86) sec-Butylbenzene           | 13.29 | 105  | 1640330  | 46.22  | ug/l   | 99       |
| 87) p-Isopropyltoluene         | 13.41 | 119  | 1253004  | 45.84  | ug/l   | 95       |
| 88) 1,3-Dichlorobenzene        | 13.41 | 146  | 579374   | 47.25  | ug/l   | 96       |
| 89) 1,4-Dichlorobenzene        | 13.49 | 146  | 573313   | 46.16  | ug/l   | 95       |
| 90) n-Butylbenzene             | 13.74 | 91   | 1248605  | 47.08  | ug/l   | 99       |
| 91) Hexachloroethane           | 14.01 | 117  | 265130   | 44.33  | ug/l   | 92       |
| 92) 1,2-Dichlorobenzene        | 13.78 | 146  | 576789   | 47.59  | ug/l   | 96       |

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Sample : G3704-13MSD  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

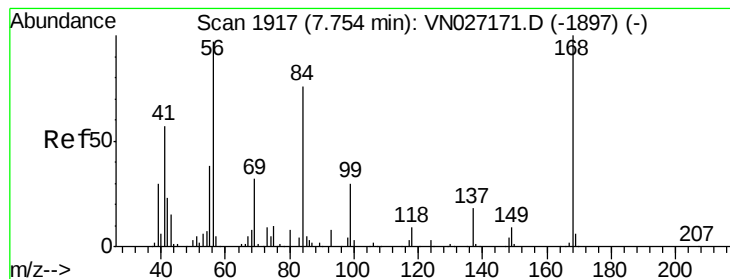
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12-9-15-15MSD

Quant Time: Sep 18 01:17:43 2015  
Quant Method : W:\HPCHEM1\MSVOA\_N\METHODS\82N091515W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 15 21:12:09 2015  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2-Dibromo-3-Chloropropan | 14.40 | 75   | 101804   | 48.74 | ug/l  | 84       |
| 94) 1,2,4-Trichlorobenzene     | 15.05 | 180  | 315358   | 48.17 | ug/l  | 99       |
| 95) Hexachlorobutadiene        | 15.16 | 225  | 155423   | 45.08 | ug/l  | 99       |
| 96) Naphthalene                | 15.29 | 128  | 938415   | 48.90 | ug/l  | 100      |
| 97) 1,2,3-Trichlorobenzene     | 15.47 | 180  | 315260   | 48.44 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

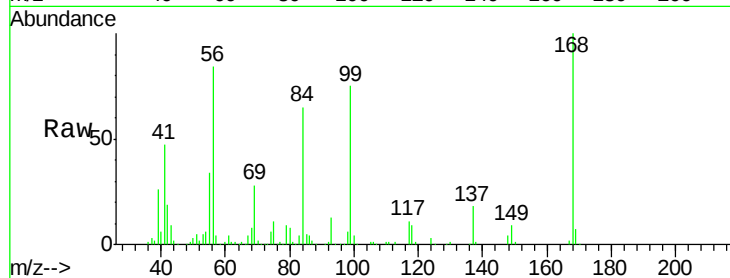
MW-12-9-15-15MSD

Tgt Ion:168 Resp: 522470

Ion Ratio Lower Upper

168 100

99 74.4 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

250000

200000

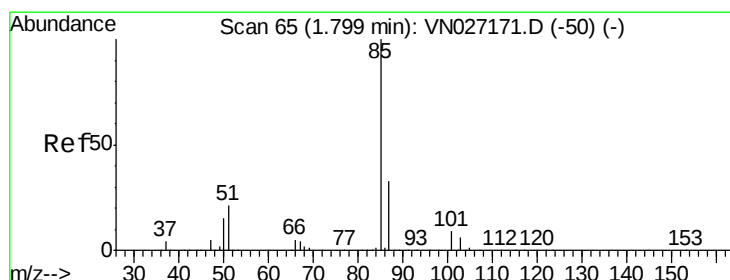
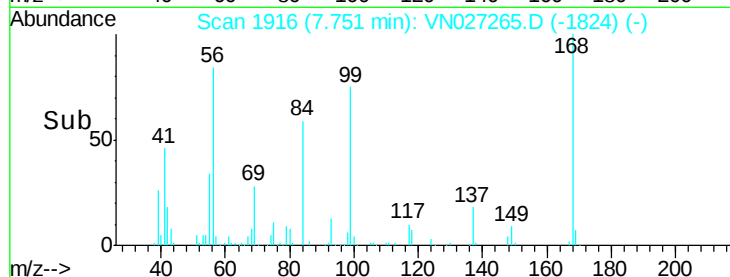
150000

100000

50000

0

Time--> 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 46.66 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027265.D

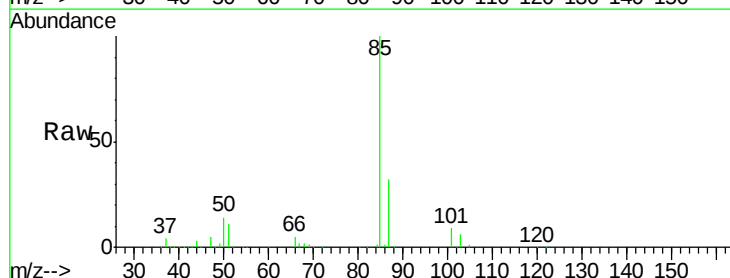
Acq: 17 Sep 2015 19:49

Tgt Ion: 85 Resp: 291681

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.80

250000

200000

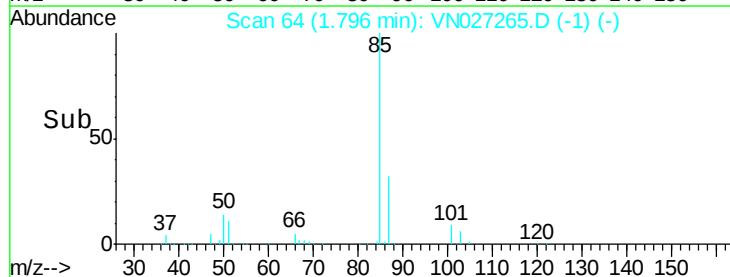
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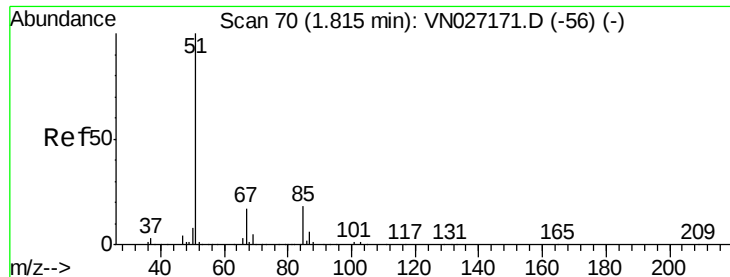
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chlorodifluoromethane

Concen: 50.37 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

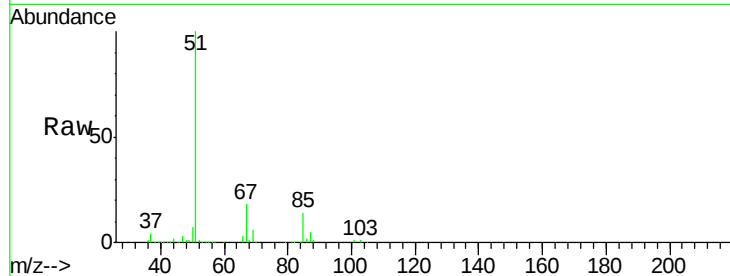
MW-12-9-15-15MSD

Tgt Ion: 51 Resp: 364396

Ion Ratio Lower Upper

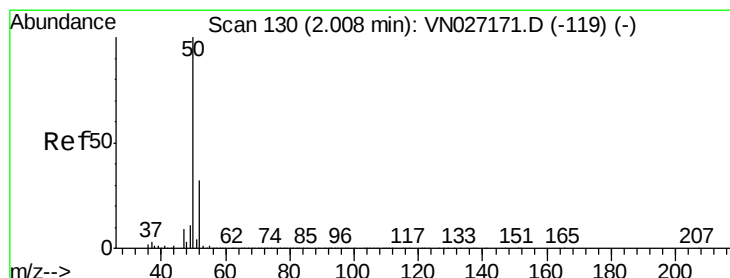
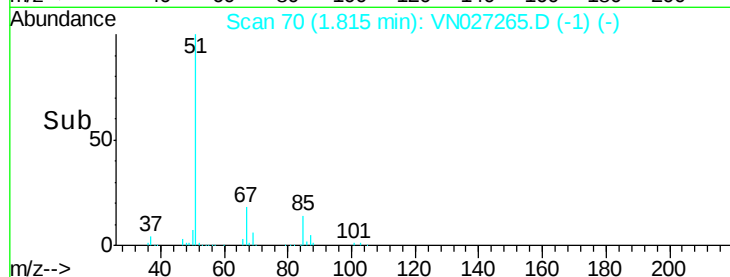
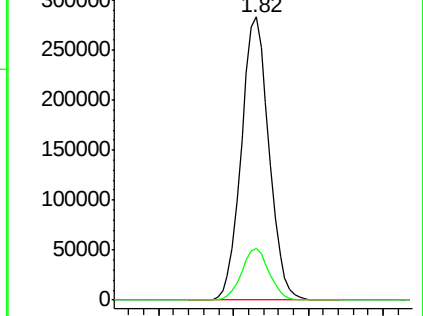
51 100

67 18.2 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

Chloromethane

Concen: 47.02 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027265.D

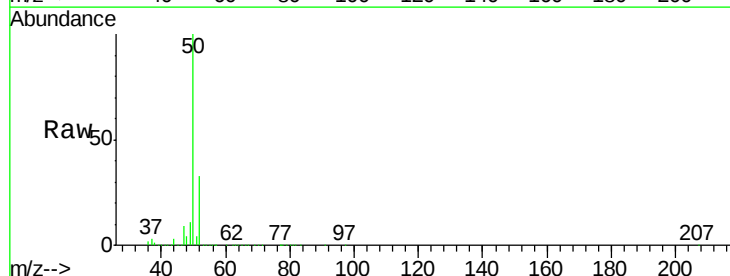
Acq: 17 Sep 2015 19:49

Tgt Ion: 50 Resp: 328732

Ion Ratio Lower Upper

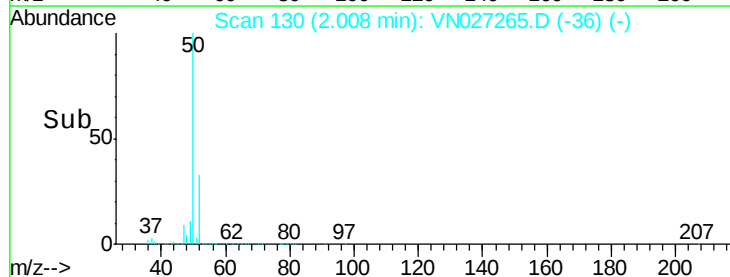
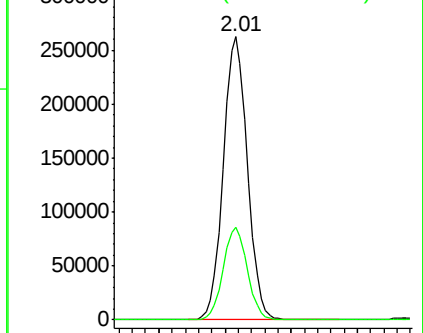
50 100

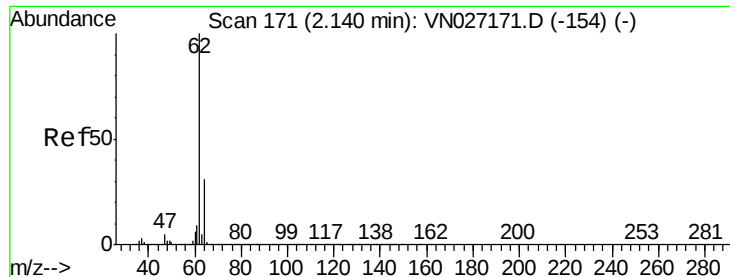
52 32.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 49.44 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

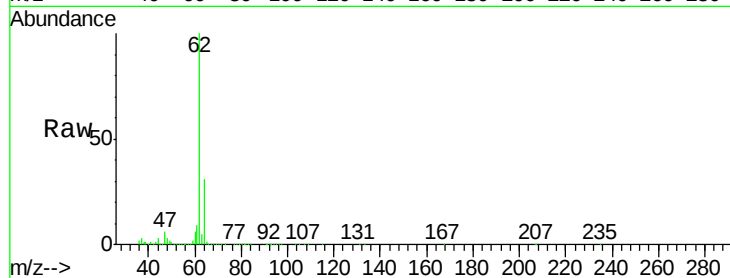
MW-12-9-15-15MSD

Tgt Ion: 62 Resp: 365052

Ion Ratio Lower Upper

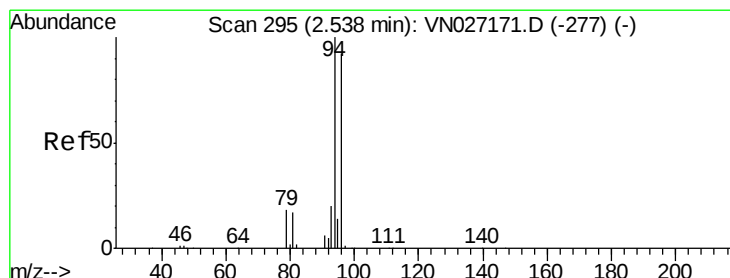
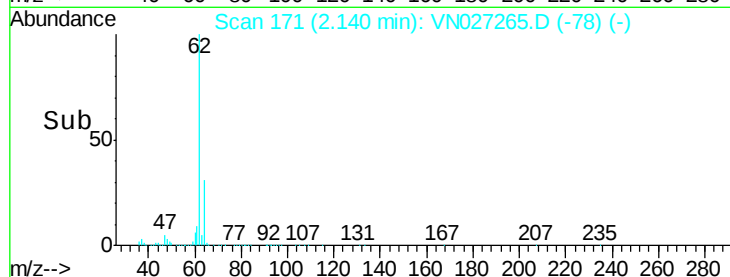
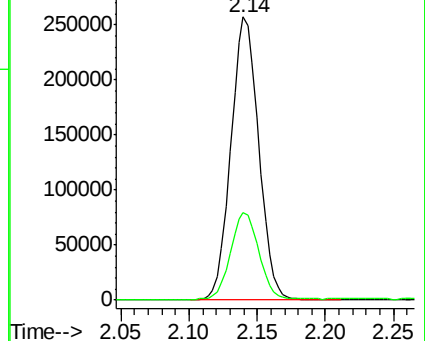
62 100

64 30.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC



#6

Bromomethane

Concen: 41.41 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VN027265.D

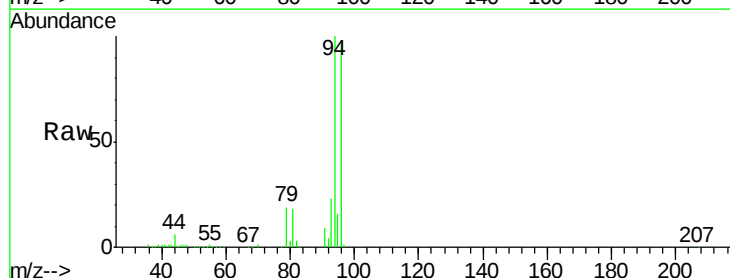
Acq: 17 Sep 2015 19:49

Tgt Ion: 94 Resp: 149065

Ion Ratio Lower Upper

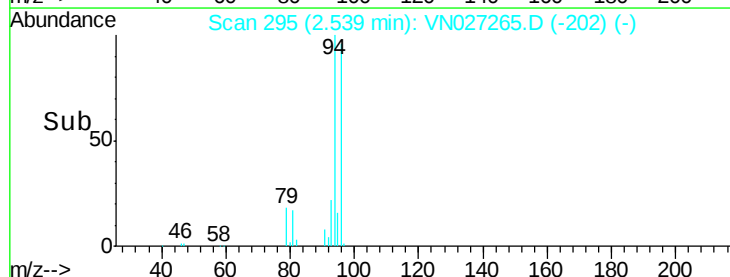
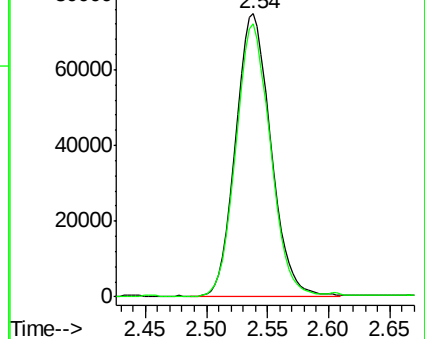
94 100

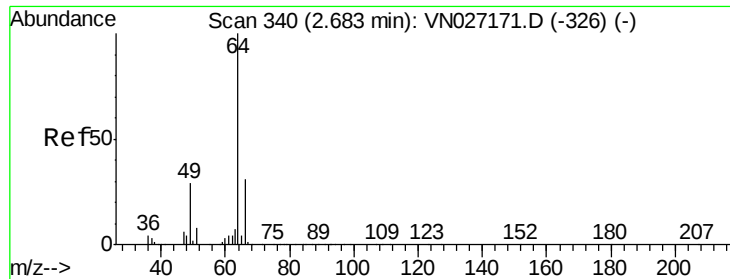
96 96.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC





#7

Chloroethane

Concen: 46.80 ug/l

RT: 2.68 min Scan# 340

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

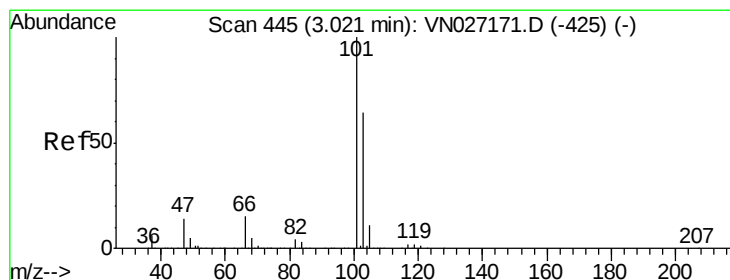
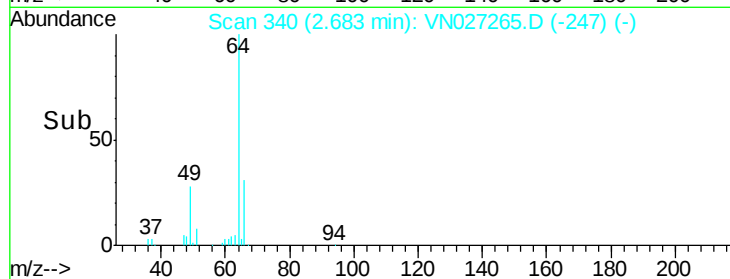
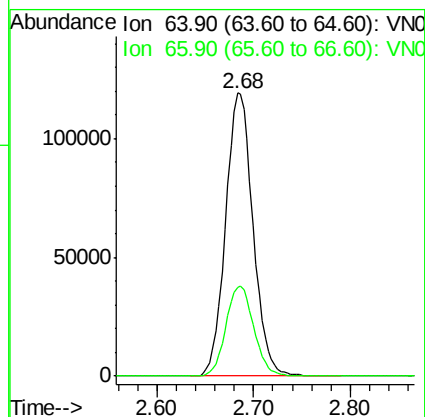
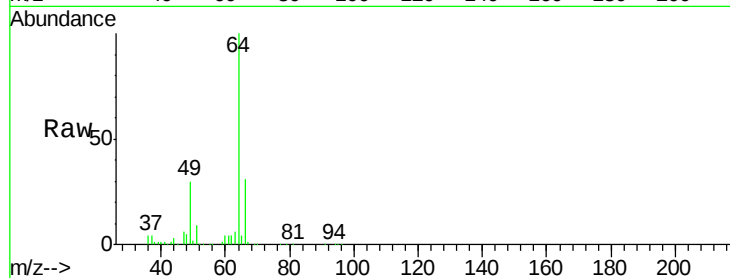
MW-12-9-15-15MSD

Tgt Ion: 64 Resp: 234871

Ion Ratio Lower Upper

64 100

66 31.2 25.5 38.3



#8

Trichlorofluoromethane

Concen: 48.85 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027265.D

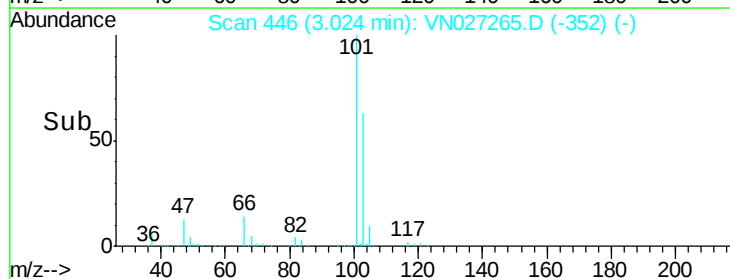
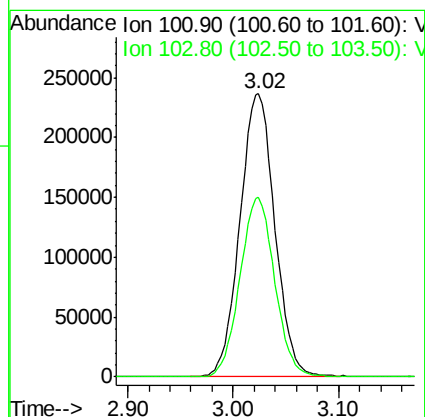
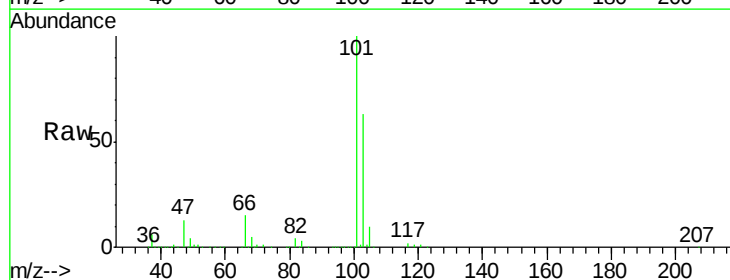
Acq: 17 Sep 2015 19:49

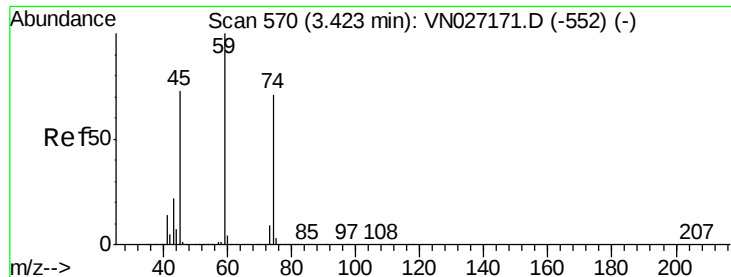
Tgt Ion: 101 Resp: 544803

Ion Ratio Lower Upper

101 100

103 63.3 52.6 79.0





#9

Diethyl Ether

Concen: 48.67 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

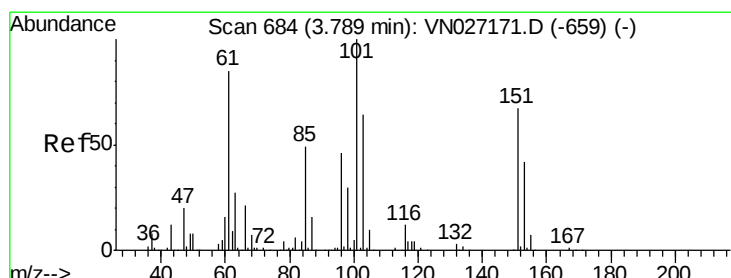
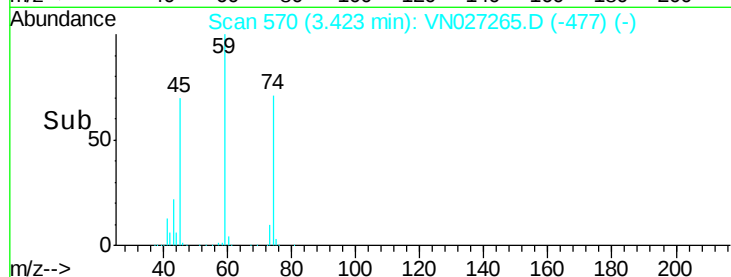
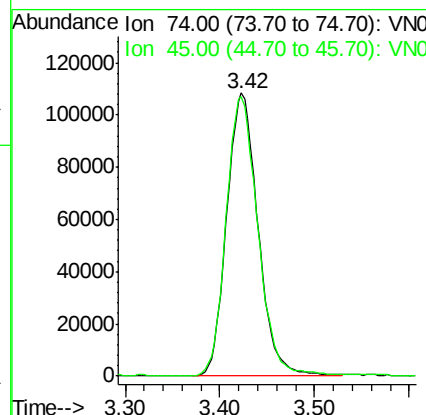
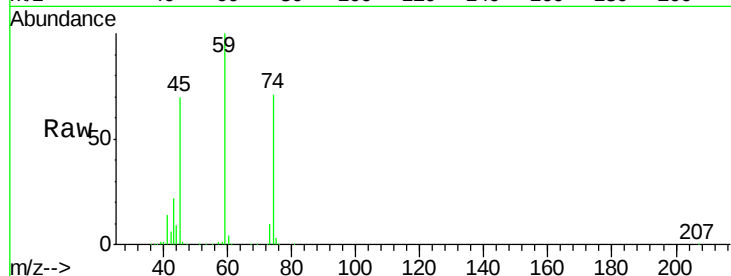
MW-12-9-15-15MSD

Tgt Ion: 74 Resp: 249780

Ion Ratio Lower Upper

74 100

45 99.2 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 48.42 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

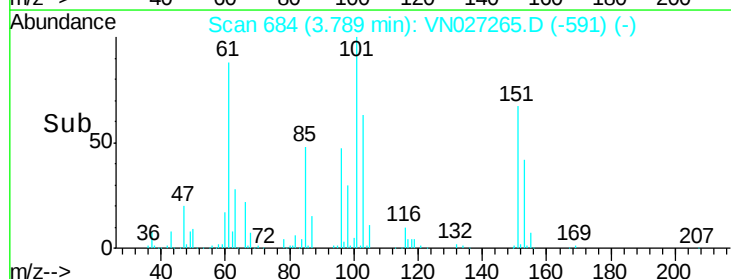
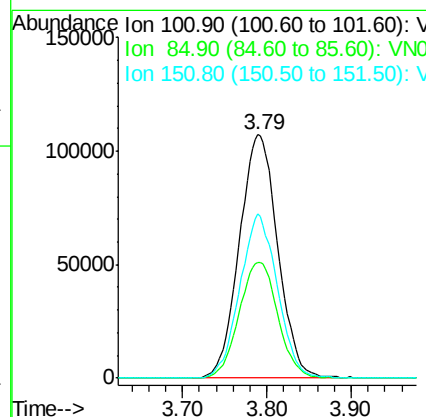
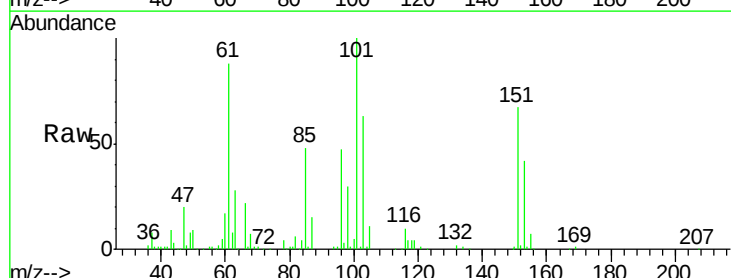
Tgt Ion: 101 Resp: 339174

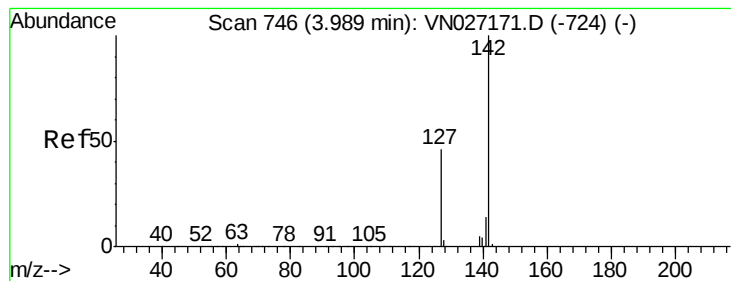
Ion Ratio Lower Upper

101 100

85 48.0 37.4 56.0

151 66.0 55.9 83.9





#11

Methyl Iodide

Concen: 38.80 ug/l

RT: 3.99 min Scan# 747

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

MW-12-9-15-15MSD

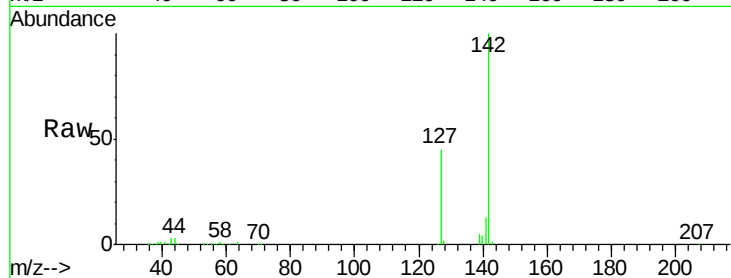
Tgt Ion:142 Resp: 264159

Ion Ratio Lower Upper

142 100

127 46.4 32.3 48.5

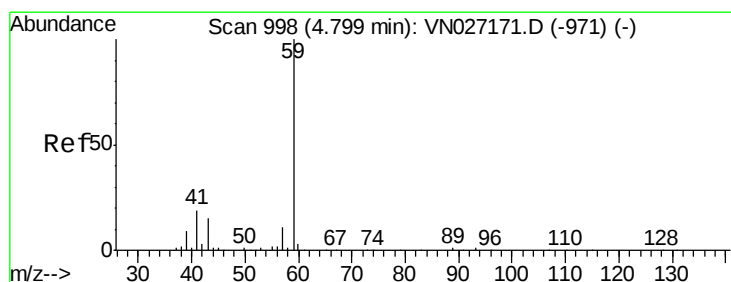
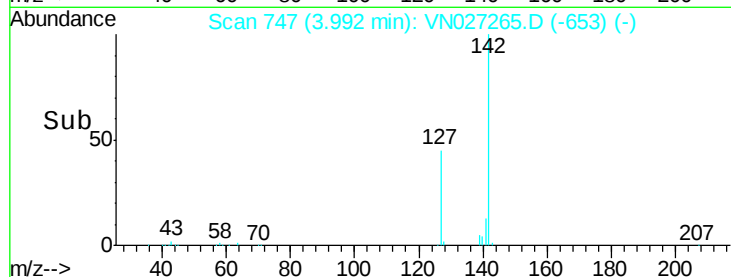
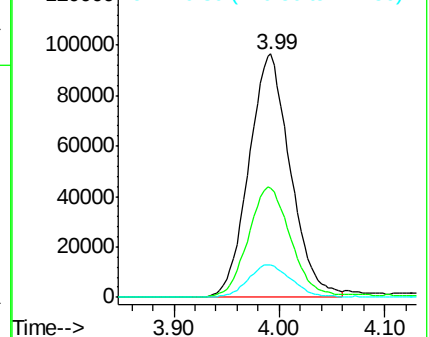
141 13.9 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#12

Tert butyl alcohol

Concen: 239.98 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN027265.D

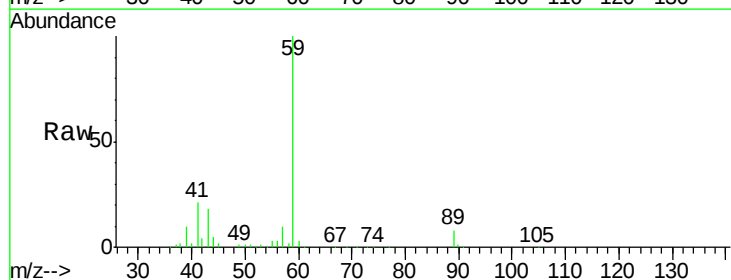
Acq: 17 Sep 2015 19:49

Tgt Ion: 59 Resp: 251210

Ion Ratio Lower Upper

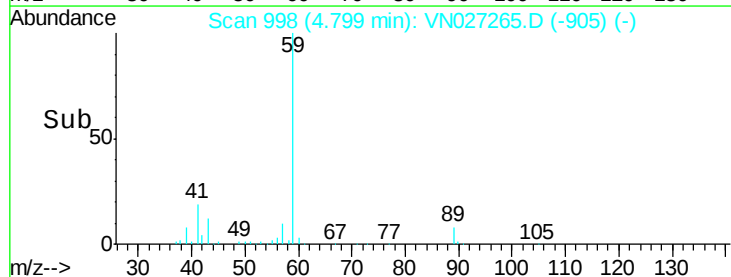
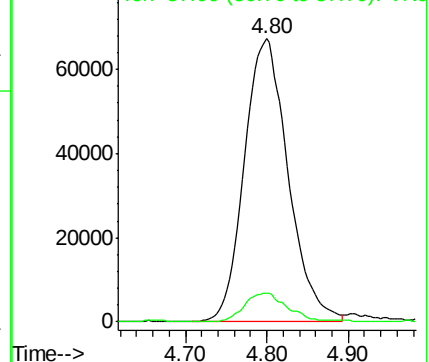
59 100

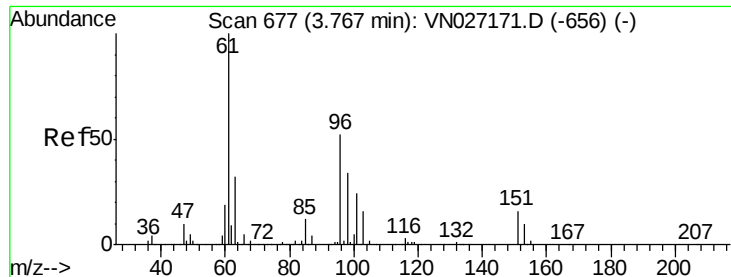
57 10.0 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V





#13

1,1-Dichloroethene

Concen: 48.70 ug/l

RT: 3.77 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

MW-12-9-15-15MSD

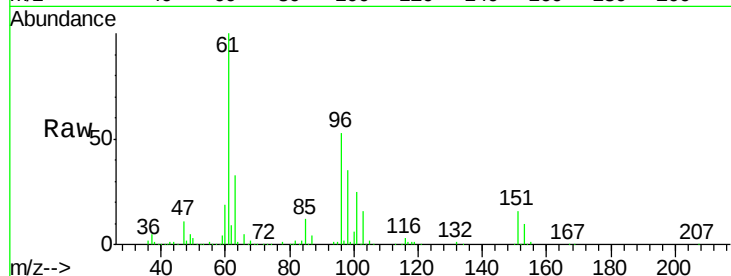
Tgt Ion: 96 Resp: 326659

Ion Ratio Lower Upper

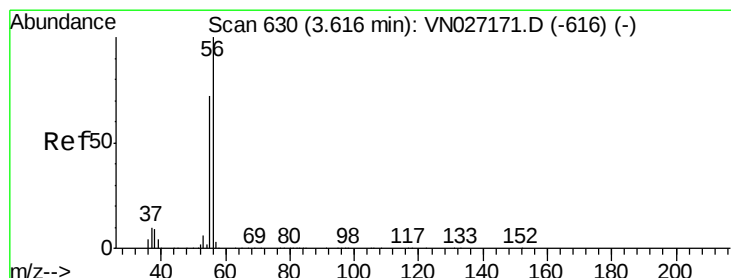
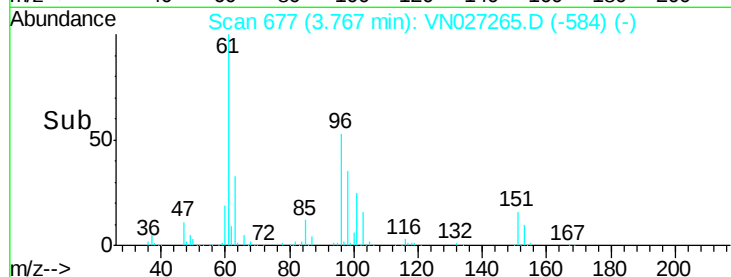
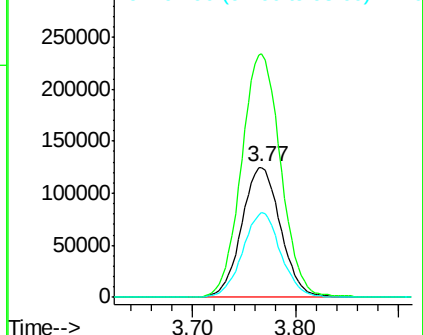
96 100

61 187.1 143.8 215.8

98 65.1 50.3 75.5



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



#14

Acrolein

Concen: 250.21 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN027265.D

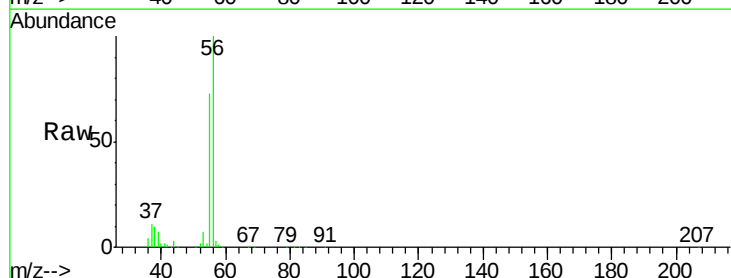
Acq: 17 Sep 2015 19:49

Tgt Ion: 56 Resp: 307693

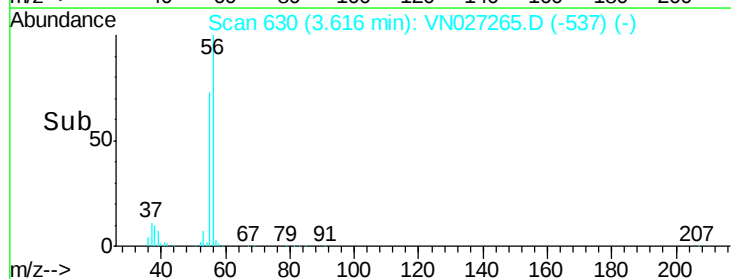
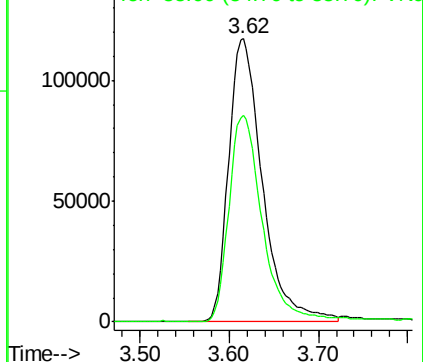
Ion Ratio Lower Upper

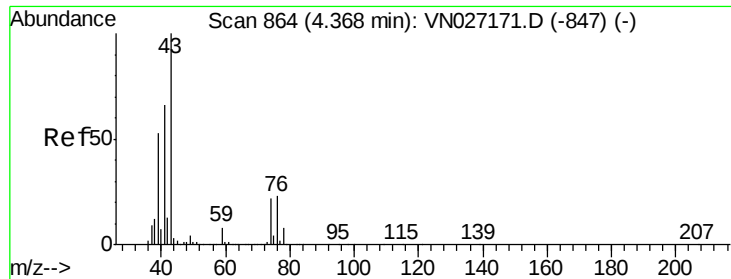
56 100

55 72.9 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0

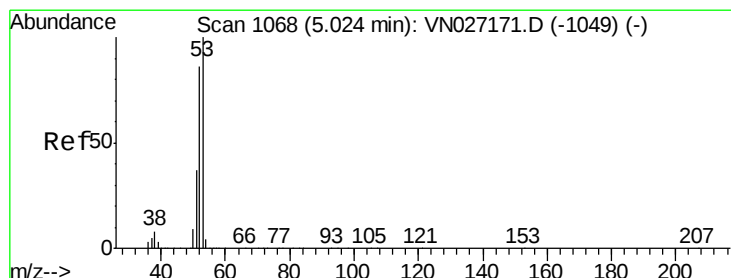
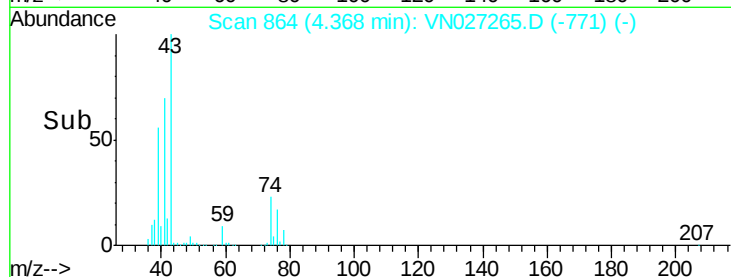
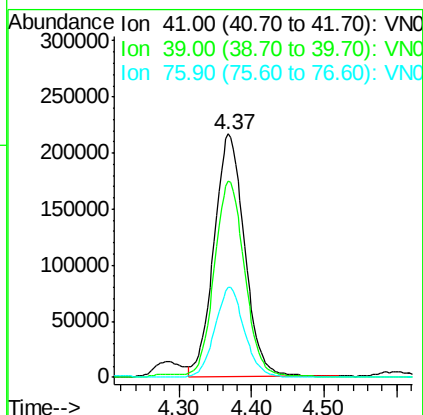
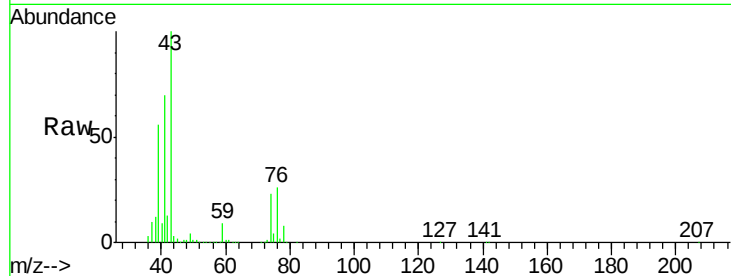




#15  
 Allyl chloride  
 Concen: 46.69 ug/l  
 RT: 4.37 min Scan# 864  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

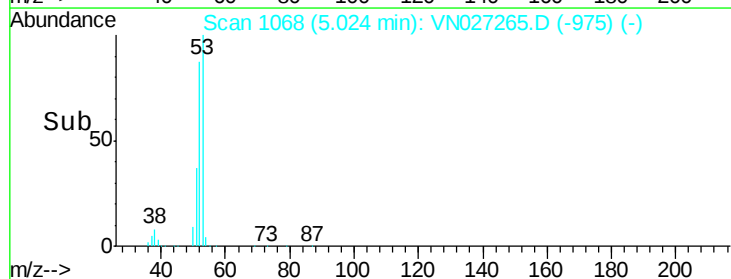
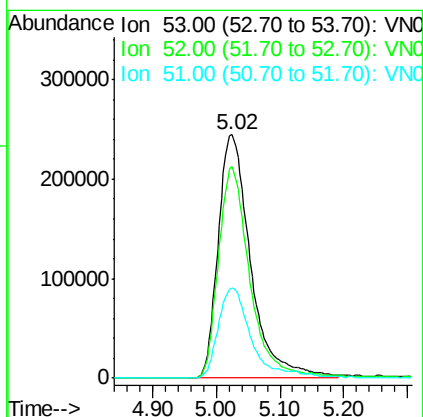
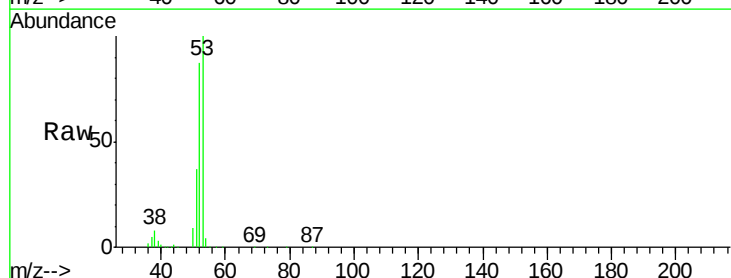
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

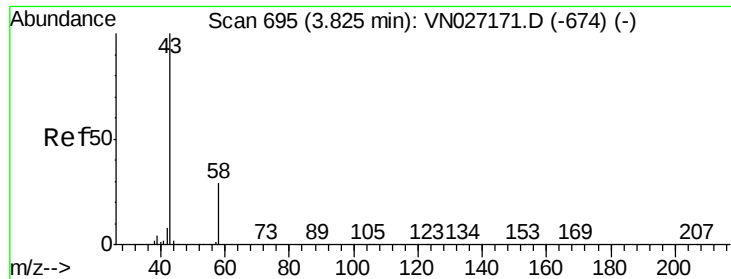
Tgt Ion: 41 Resp: 632606  
 Ion Ratio Lower Upper  
 41 100  
 39 79.9 49.7 74.5#  
 76 35.2 24.8 37.2



#16  
 Acrylonitrile  
 Concen: 253.53 ug/l  
 RT: 5.02 min Scan# 1068  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Tgt Ion: 53 Resp: 867886  
 Ion Ratio Lower Upper  
 53 100  
 52 82.5 66.9 100.3  
 51 38.0 27.4 41.0





#17

Acetone

Concen: 233.33 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

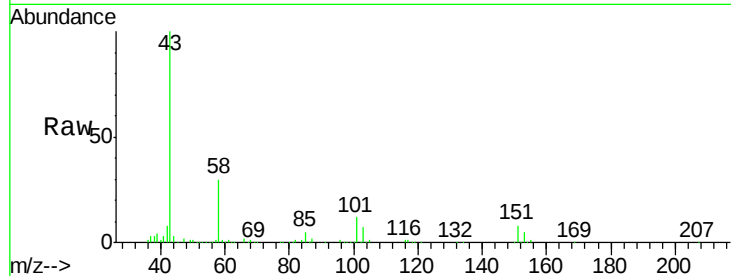
MW-12-9-15-15MSD

Tgt Ion: 43 Resp: 673459

Ion Ratio Lower Upper

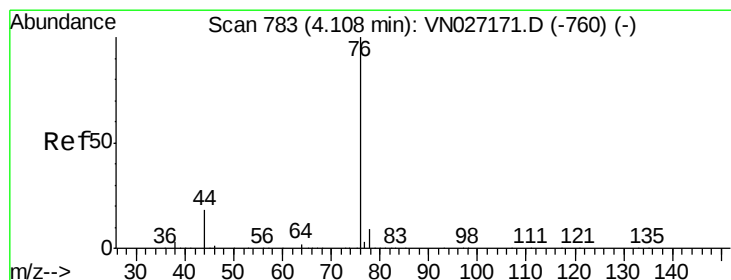
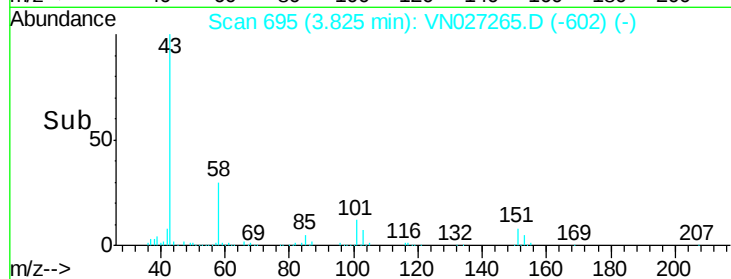
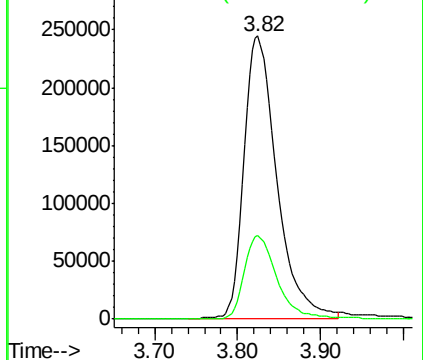
43 100

58 29.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Carbon Disulfide

Concen: 44.91 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027265.D

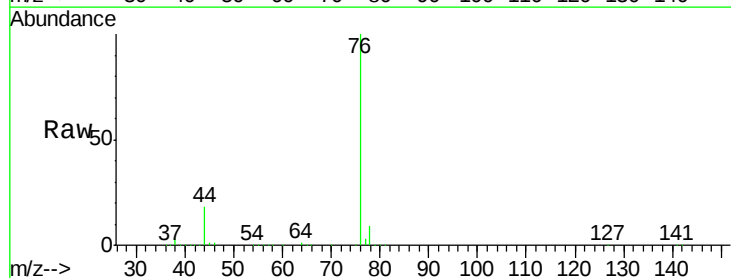
Acq: 17 Sep 2015 19:49

Tgt Ion: 76 Resp: 981163

Ion Ratio Lower Upper

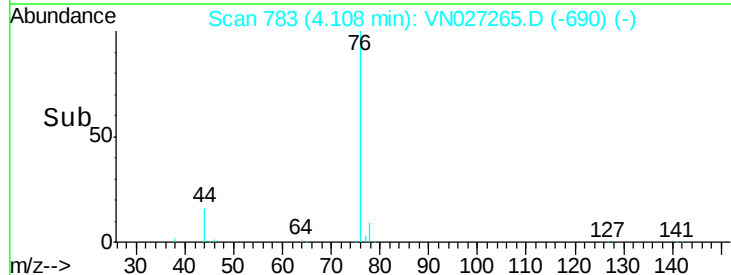
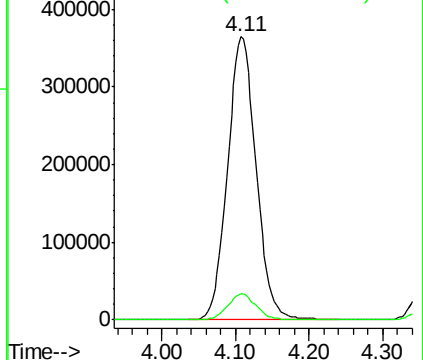
76 100

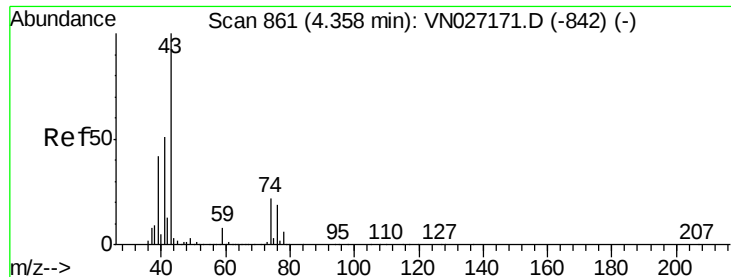
78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

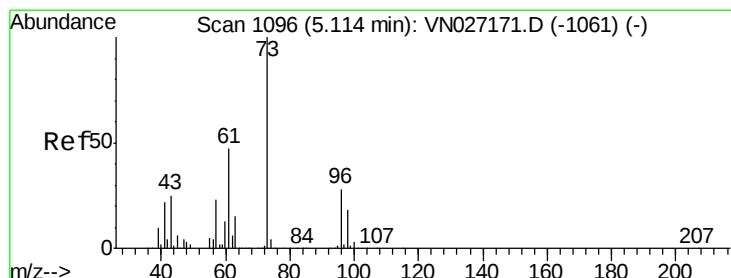
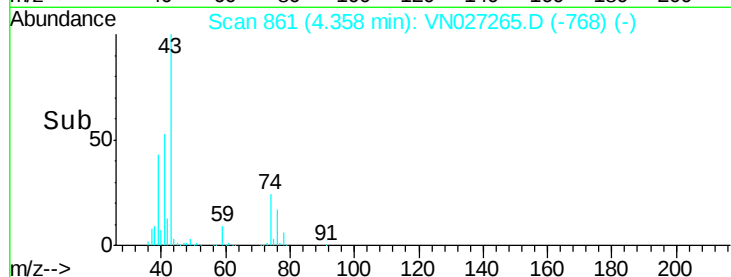
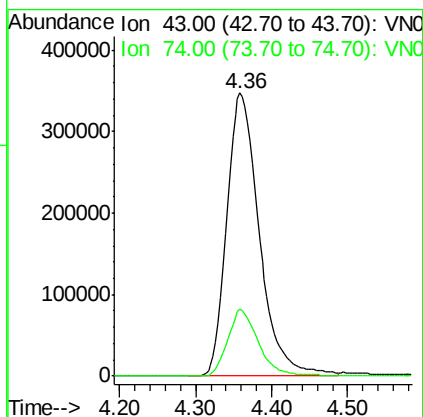
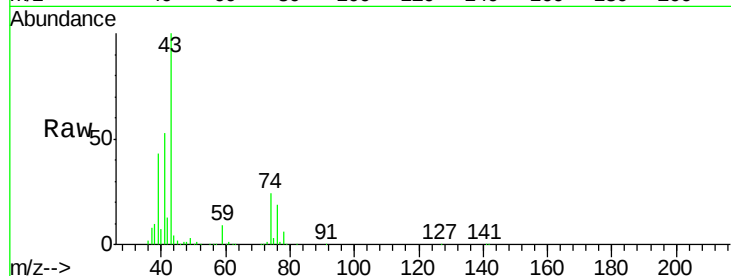




#19  
Methyl Acetate  
Concen: 49.14 ug/l  
RT: 4.36 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

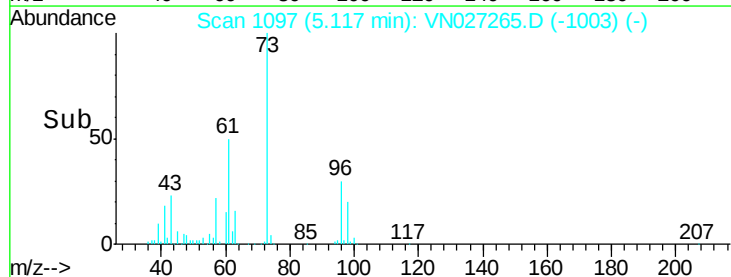
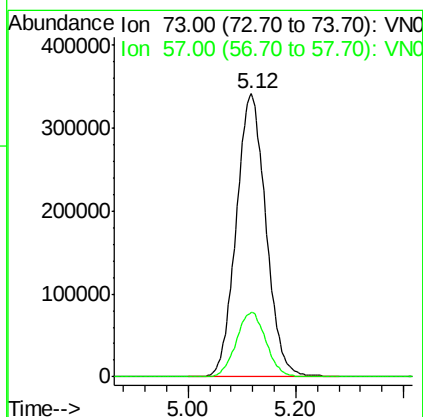
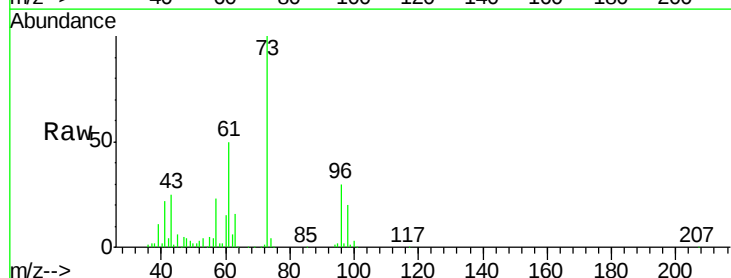
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12-9-15-15MSD

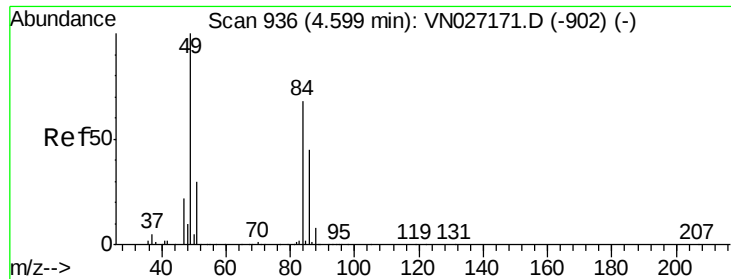
Tgt Ion: 43 Resp: 1027341  
Ion Ratio Lower Upper  
43 100  
74 22.5 16.2 24.2



#20  
Methyl tert-butyl Ether  
Concen: 48.55 ug/l  
RT: 5.12 min Scan# 1097  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

Tgt Ion: 73 Resp: 1307456  
Ion Ratio Lower Upper  
73 100  
57 22.9 19.8 29.6

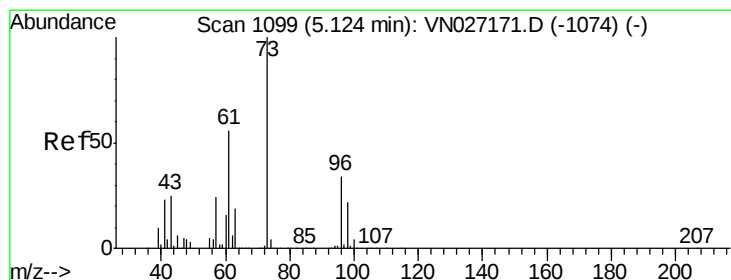
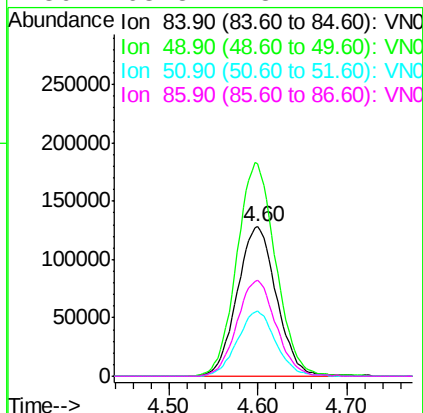
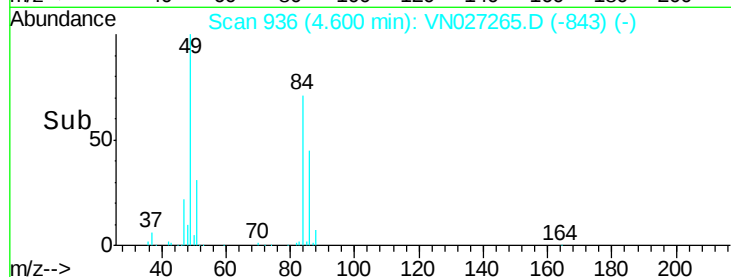
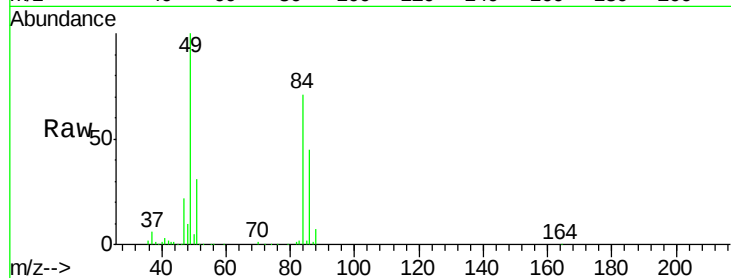




#21  
Methylene Chloride  
Concen: 48.84 ug/l  
RT: 4.60 min Scan# 936  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

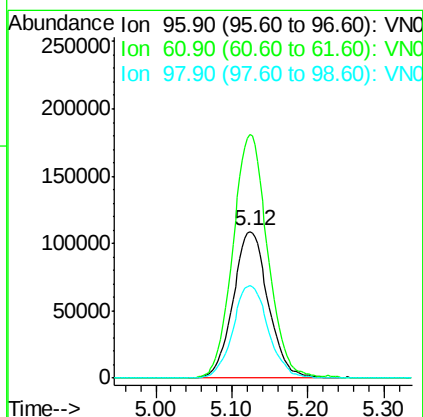
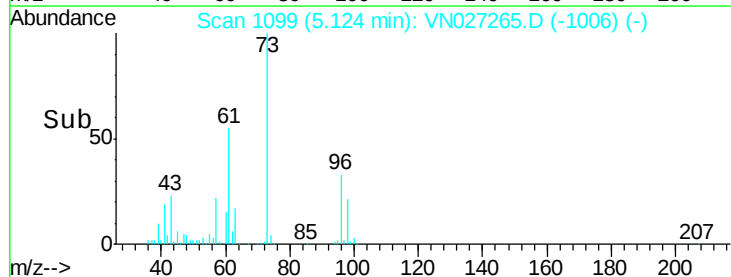
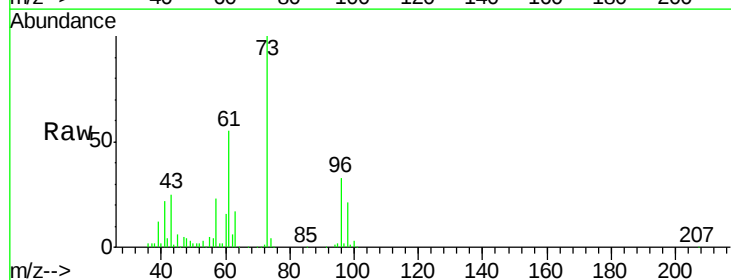
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12-9-15-15MSD

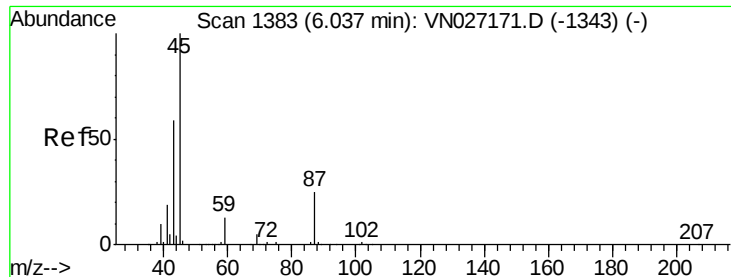
Tgt Ion: 84 Resp: 392674  
Ion Ratio Lower Upper  
84 100  
49 141.6 112.3 168.5  
51 43.4 33.8 50.8  
86 63.8 48.2 72.4



#22  
trans-1,2-Dichloroethene  
Concen: 48.18 ug/l  
RT: 5.12 min Scan# 1099  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

Tgt Ion: 96 Resp: 349558  
Ion Ratio Lower Upper  
96 100  
61 166.3 126.6 189.8  
98 62.8 47.4 71.2

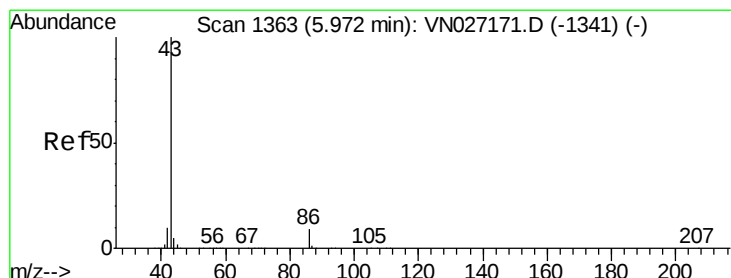
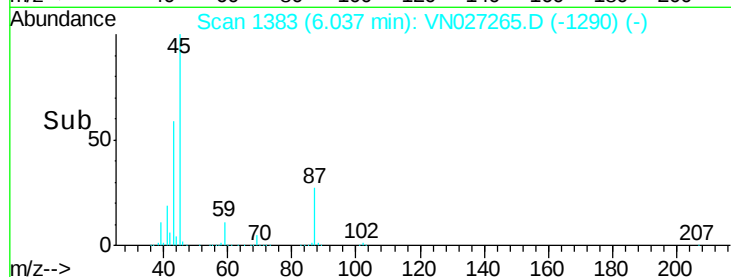
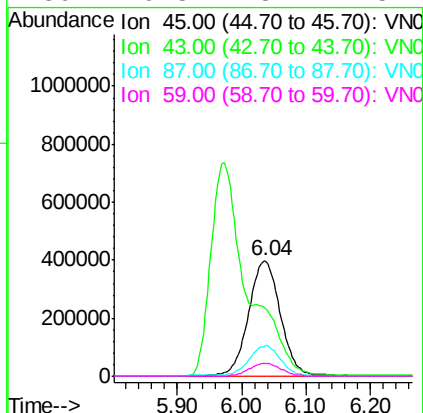
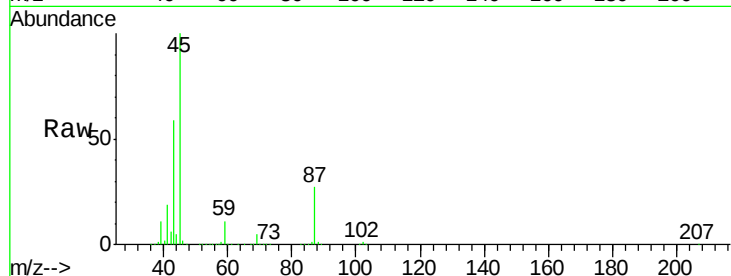




#23  
 Diisopropyl ether  
 Concen: 48.39 ug/l  
 RT: 6.04 min Scan# 1383  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

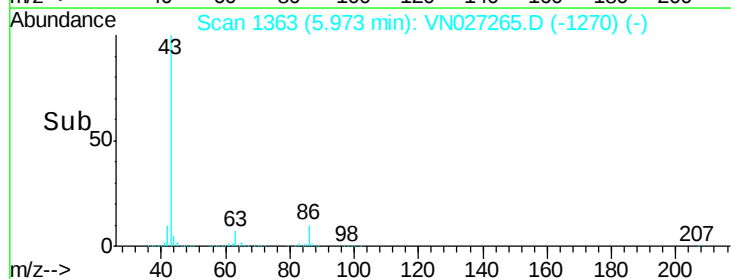
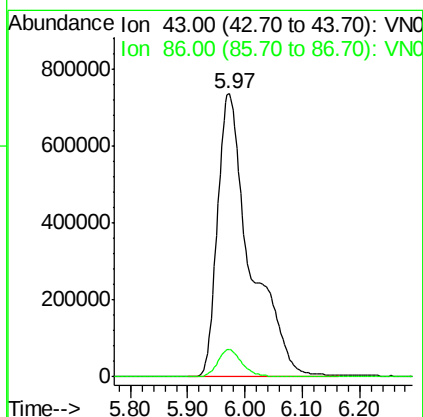
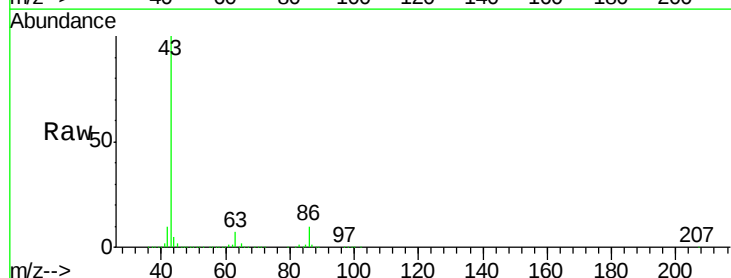
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

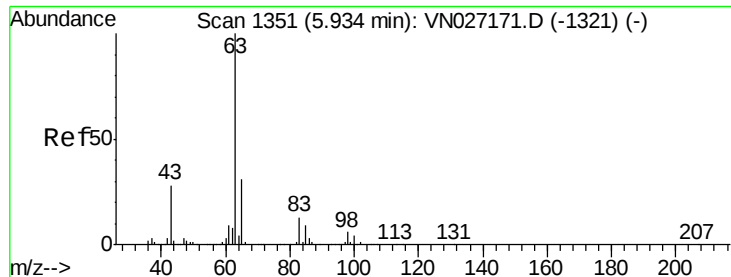
Tgt Ion: 45 Resp: 1375584  
 Ion Ratio Lower Upper  
 45 100  
 43 58.2 41.0 61.6  
 87 26.4 17.5 26.3#  
 59 10.8 8.7 13.1



#24  
 Vinyl Acetate  
 Concen: 312.72 ug/l  
 RT: 5.97 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Tgt Ion: 43 Resp: 2942522  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 6.9 10.3





#25

1,1-Dichloroethane

Concen: 48.01 ug/l

RT: 5.93 min Scan# 1351

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

MW-12-9-15-15MSD

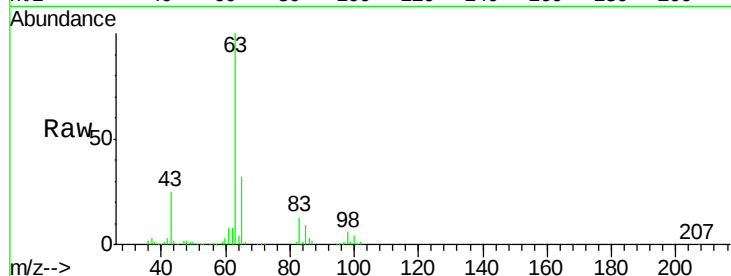
Tgt Ion: 63 Resp: 792839

Ion Ratio Lower Upper

63 100

98 5.7 2.8 8.3

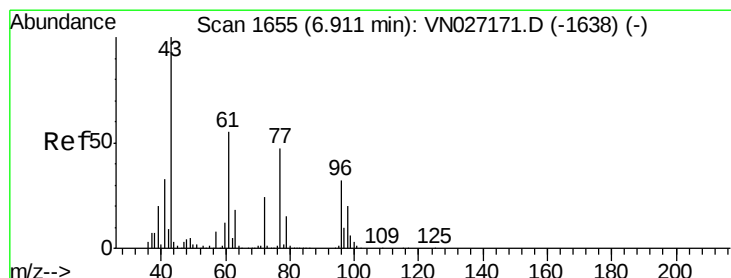
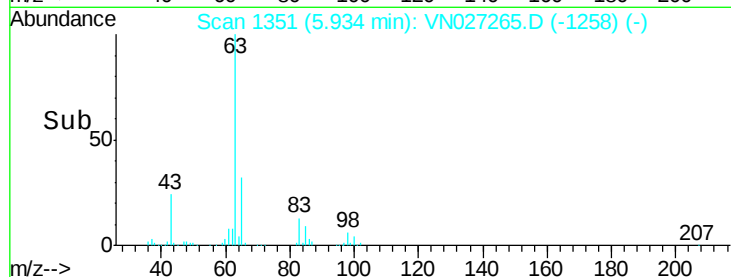
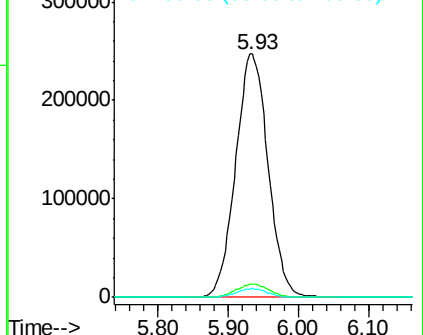
100 3.7 1.7 5.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



#26

2-Butanone

Concen: 244.73 ug/l

RT: 6.91 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VN027265.D

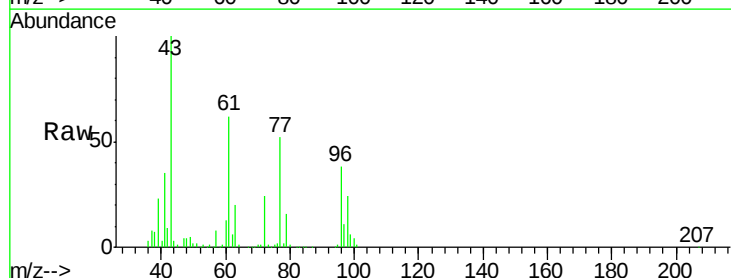
Acq: 17 Sep 2015 19:49

Tgt Ion: 43 Resp: 1063682

Ion Ratio Lower Upper

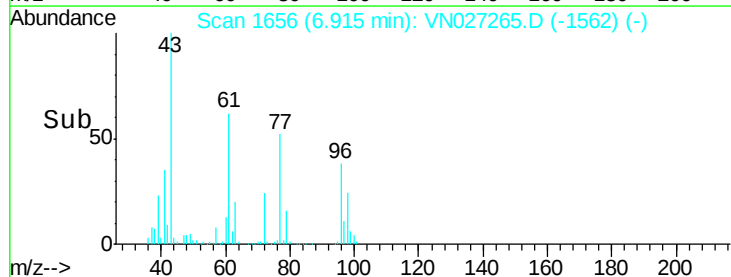
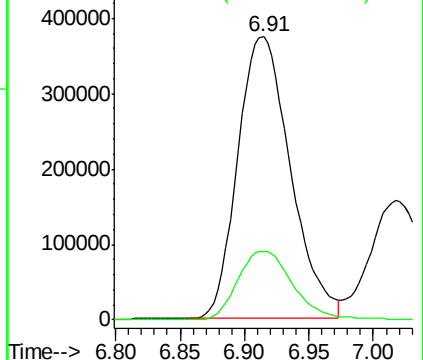
43 100

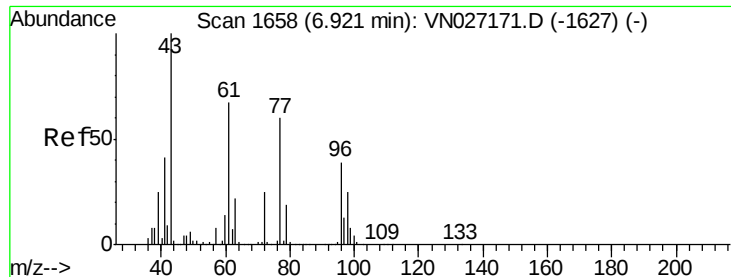
72 24.4 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

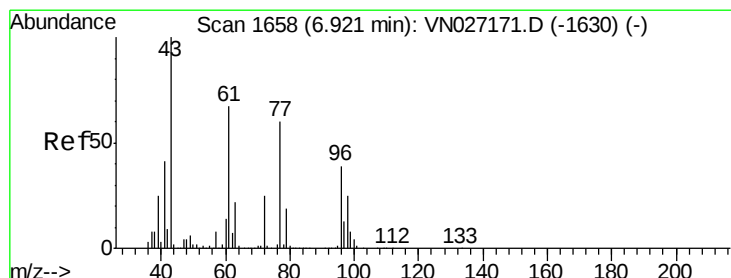
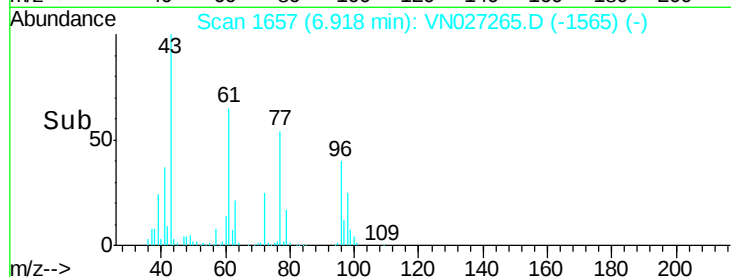
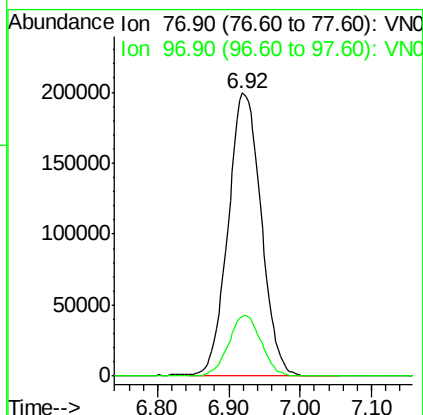
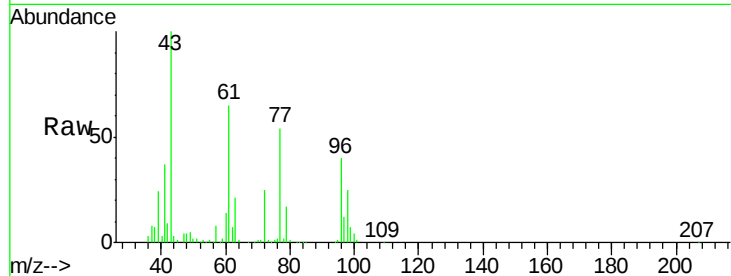




#27  
 2,2-Dichloropropane  
 Concen: 45.04 ug/l  
 RT: 6.92 min Scan# 1657  
 Delta R.T. -0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

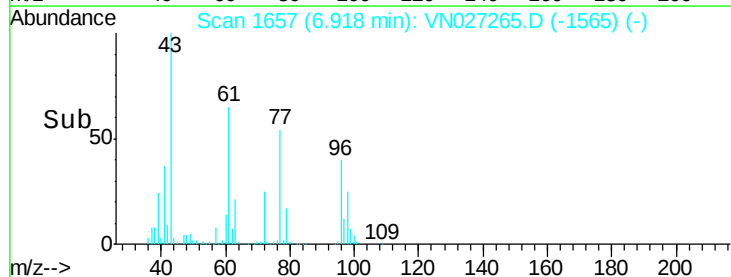
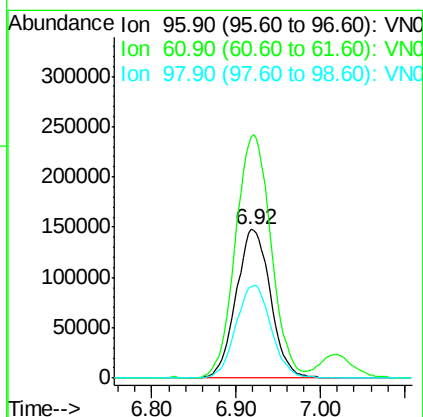
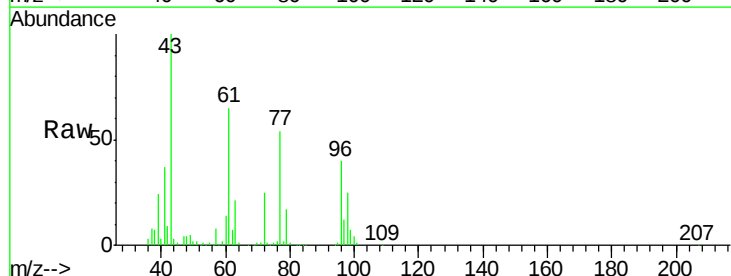
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

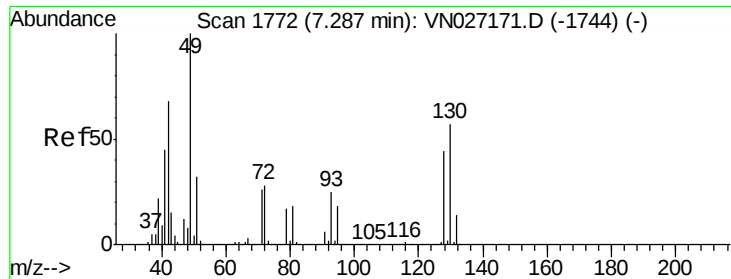
Tgt Ion: 77 Resp: 645342  
 Ion Ratio Lower Upper  
 77 100  
 97 21.1 11.8 35.3



#28  
 cis-1,2-Dichloroethene  
 Concen: 50.50 ug/l  
 RT: 6.92 min Scan# 1657  
 Delta R.T. -0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Tgt Ion: 96 Resp: 420276  
 Ion Ratio Lower Upper  
 96 100  
 61 167.9 0.0 329.2  
 98 64.0 0.0 126.0





#29

Bromochloromethane

Concen: 46.19 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

MW-12-9-15-15MSD

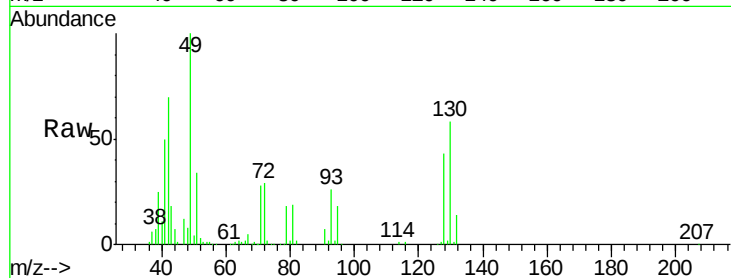
Tgt Ion: 49 Resp: 296105

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.2

130 57.8 43.2 64.8

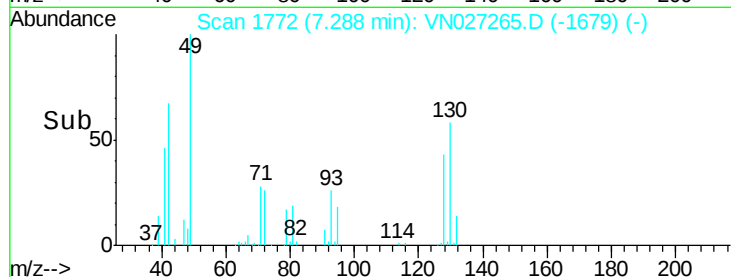


Abundance Ion 48.90 (48.60 to 49.60): VN027171.D (-1744) (-)

Ion 128.80 (128.50 to 129.50): VN027171.D (-1744) (-)

Ion 129.80 (129.50 to 130.50): VN027171.D (-1744) (-)

Time-->

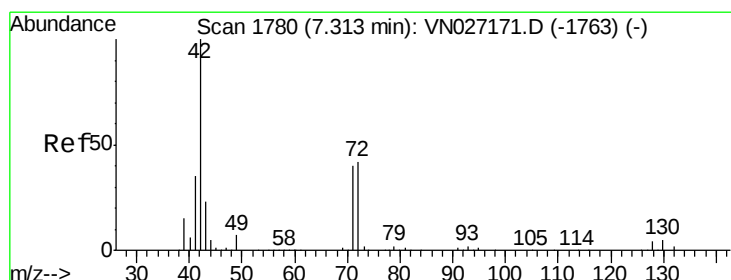


Abundance Ion 48.90 (48.60 to 49.60): VN027265.D (-1679) (-)

Ion 128.80 (128.50 to 129.50): VN027265.D (-1679) (-)

Ion 129.80 (129.50 to 130.50): VN027265.D (-1679) (-)

Time-->



#30

Tetrahydrofuran

Concen: 232.71 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

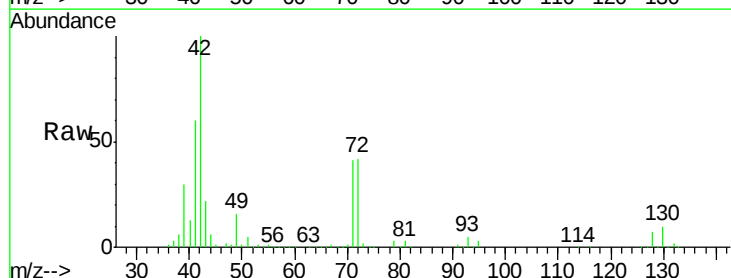
Tgt Ion: 42 Resp: 697056

Ion Ratio Lower Upper

42 100

72 42.3 29.9 44.9

71 41.1 28.3 42.5

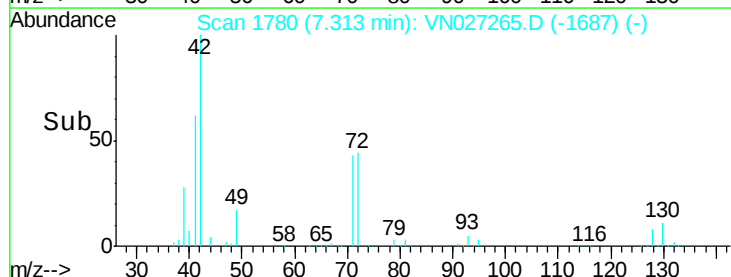


Abundance Ion 42.00 (41.70 to 42.70): VN027171.D (-1763) (-)

Ion 72.00 (71.70 to 72.70): VN027171.D (-1763) (-)

Ion 71.00 (70.70 to 71.70): VN027171.D (-1763) (-)

Time-->

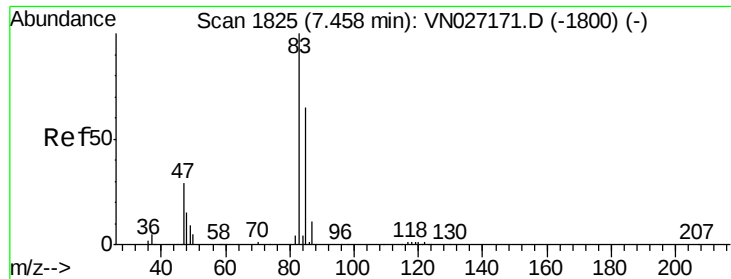


Abundance Ion 42.00 (41.70 to 42.70): VN027265.D (-1687) (-)

Ion 72.00 (71.70 to 72.70): VN027265.D (-1687) (-)

Ion 71.00 (70.70 to 71.70): VN027265.D (-1687) (-)

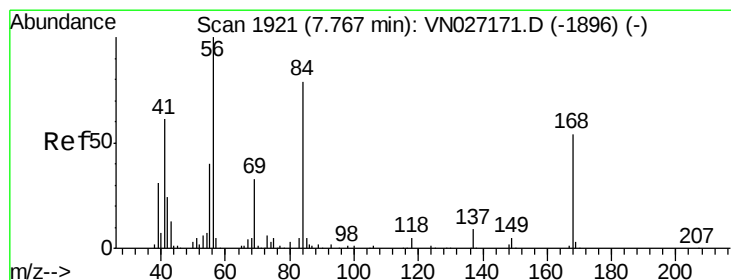
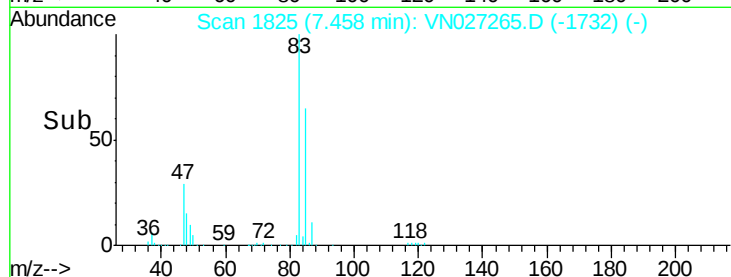
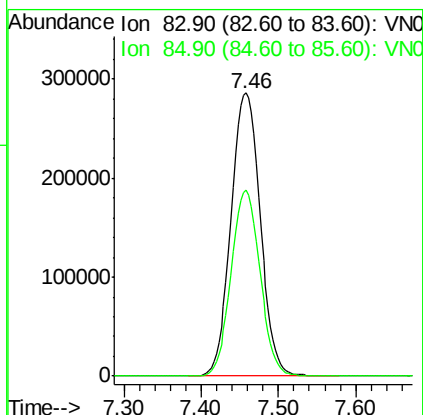
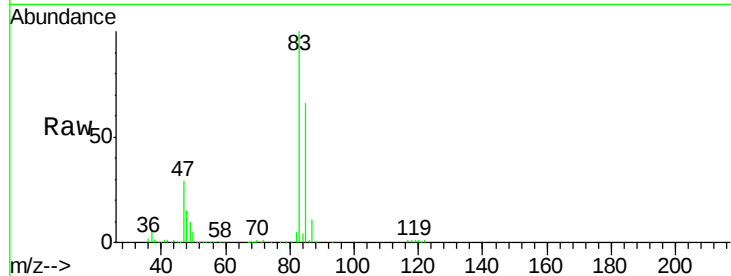
Time-->



#31  
Chloroform  
Concen: 50.30 ug/l  
RT: 7.46 min Scan# 1825  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

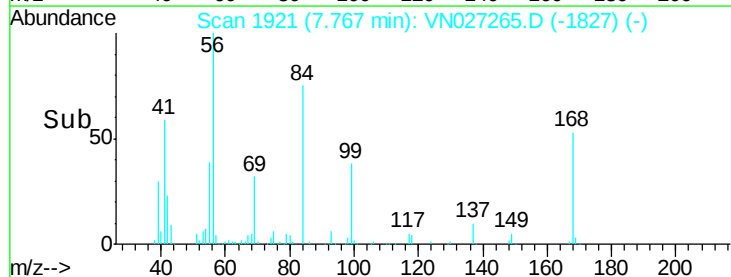
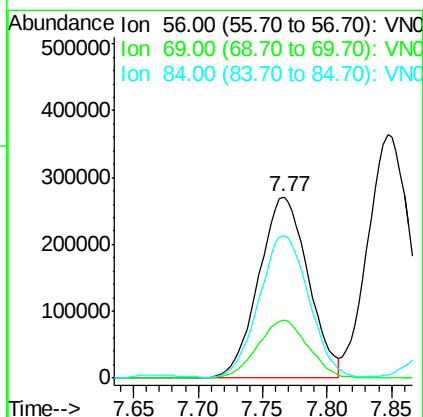
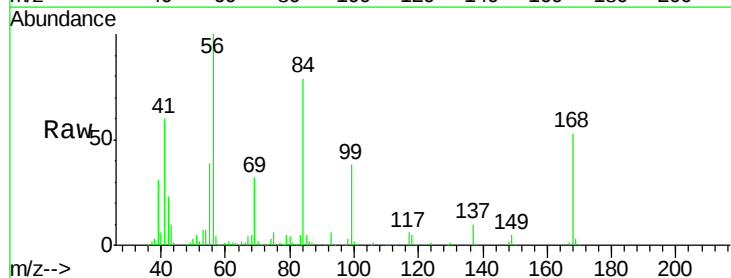
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12-9-15-15MSD

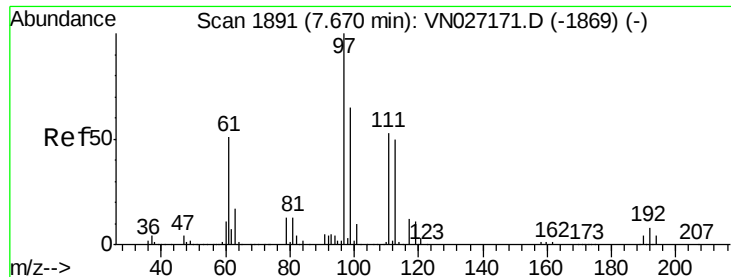
Tgt Ion: 83 Resp: 750591  
Ion Ratio Lower Upper  
83 100  
85 65.6 51.1 76.7



#32  
Cyclohexane  
Concen: 49.13 ug/l  
RT: 7.77 min Scan# 1921  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

Tgt Ion: 56 Resp: 722505  
Ion Ratio Lower Upper  
56 100  
69 31.9 23.0 34.4  
84 78.0 57.8 86.8

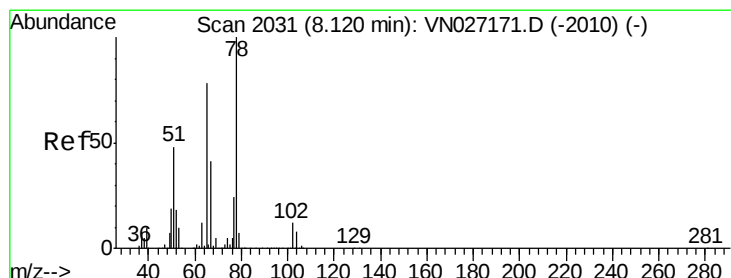
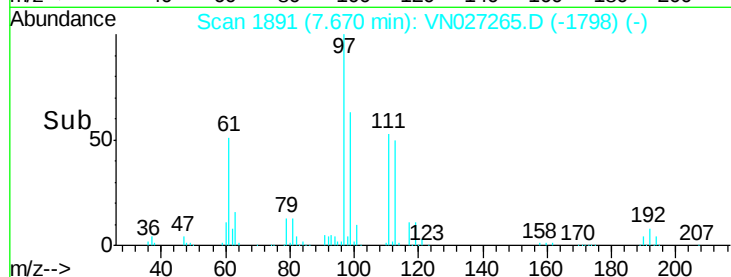
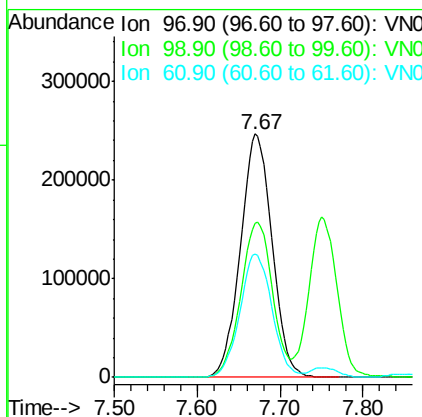
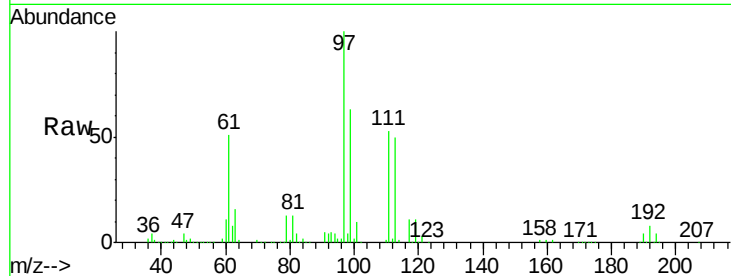




#33  
 1,1,1-Trichloroethane  
 Concen: 49.19 ug/l  
 RT: 7.67 min Scan# 1891  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

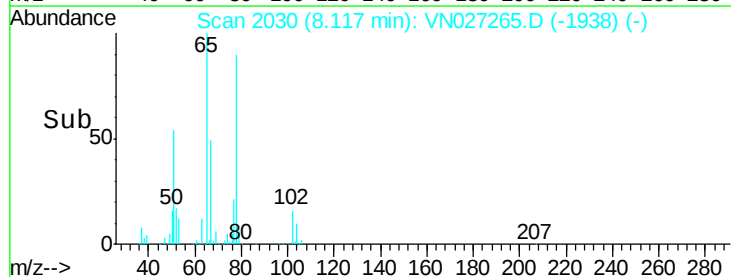
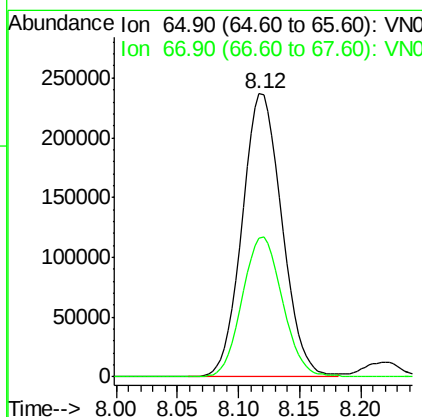
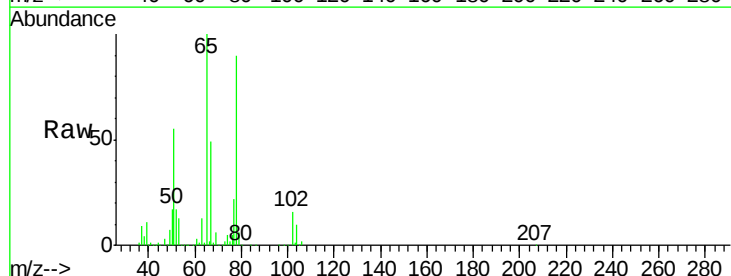
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

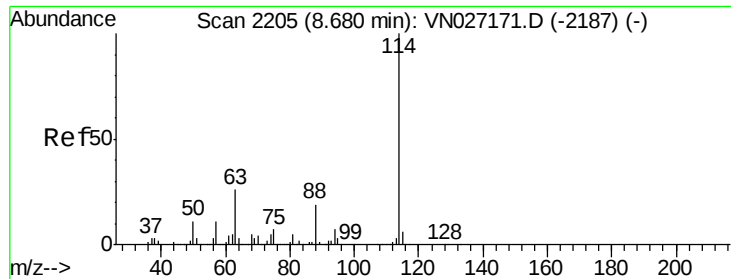
Tgt Ion: 97 Resp: 654460  
 Ion Ratio Lower Upper  
 97 100  
 99 64.3 50.1 75.1  
 61 51.5 44.0 66.0



#34  
 1,2-Dichloroethane-d4  
 Concen: 49.89 ug/l  
 RT: 8.12 min Scan# 2030  
 Delta R.T. -0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Tgt Ion: 65 Resp: 534094  
 Ion Ratio Lower Upper  
 65 100  
 67 50.0 0.0 110.6

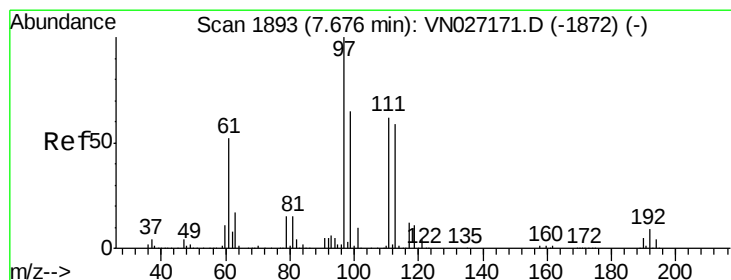
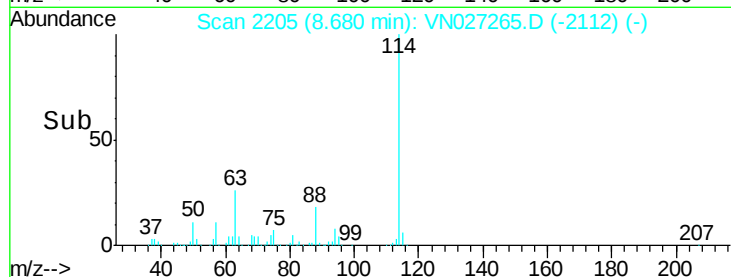
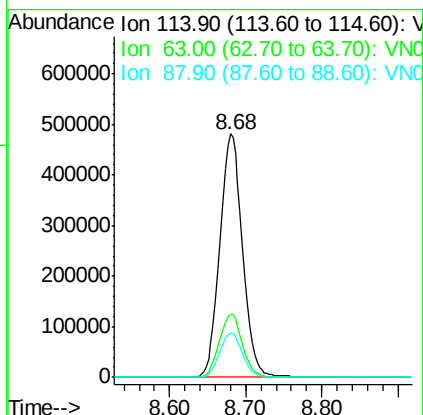
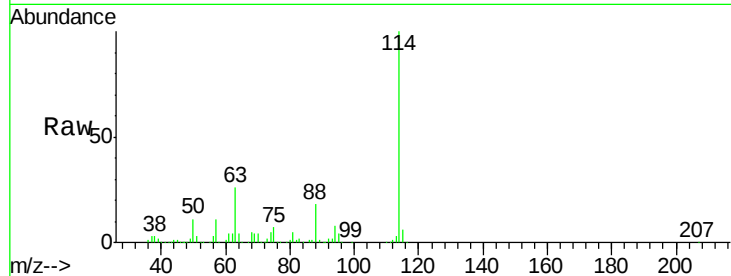




#35  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.68 min Scan# 2205  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

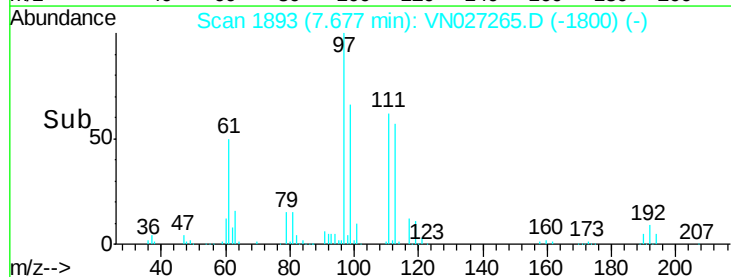
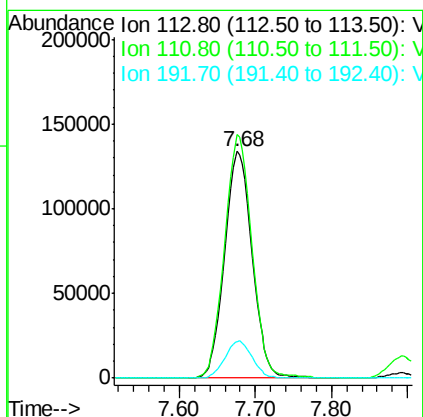
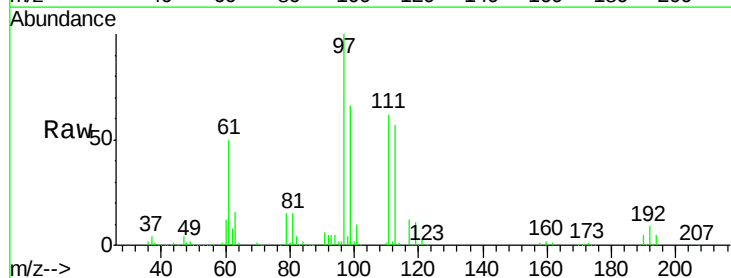
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

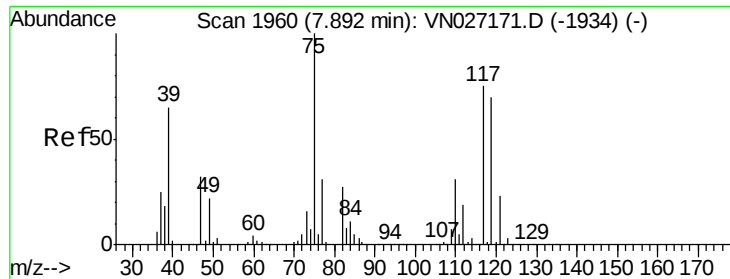
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 26.0  | 0.0   | 48.8  |
| 88      | 18.3  | 0.0   | 32.2  |



#36  
 Dibromofluoromethane  
 Concen: 48.88 ug/l  
 RT: 7.68 min Scan# 1893  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 106.6 | 83.0  | 124.4 |
| 192     | 16.0  | 14.1  | 21.1  |

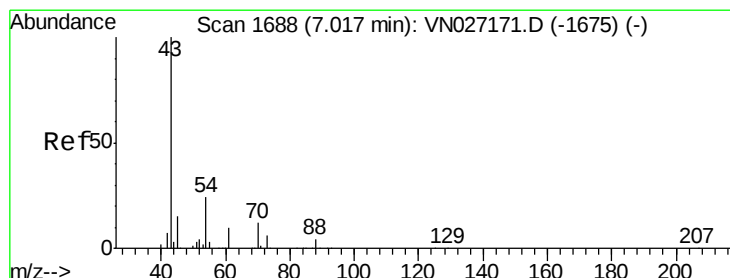
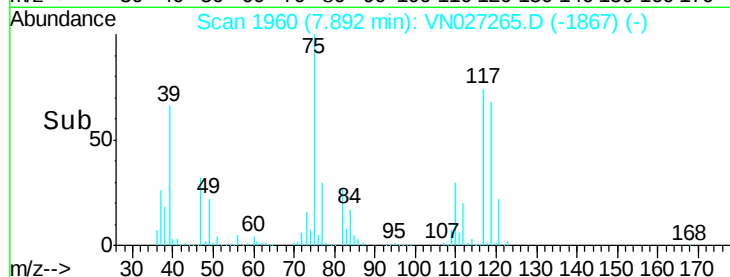
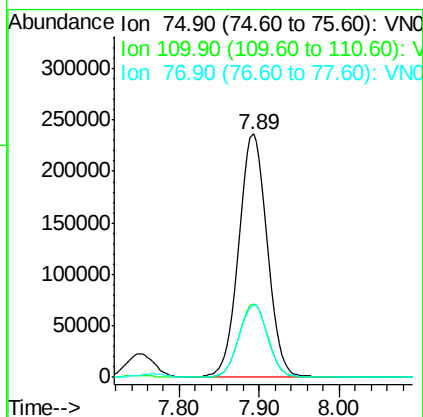
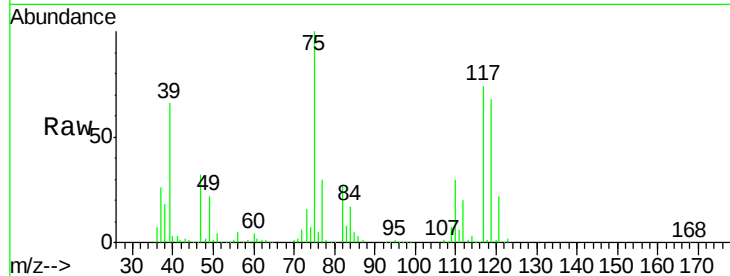




#37  
 1,1-Dichloropropene  
 Concen: 48.31 ug/l  
 RT: 7.89 min Scan# 1960  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

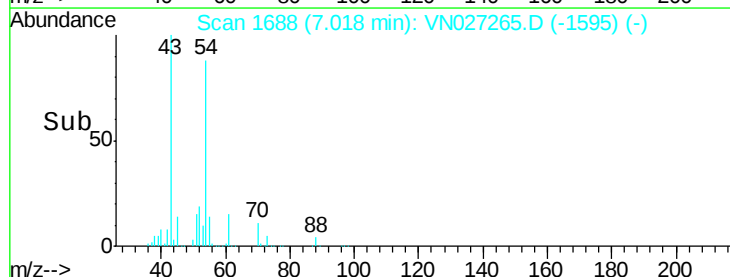
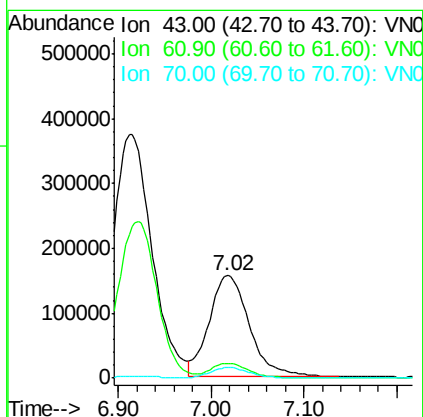
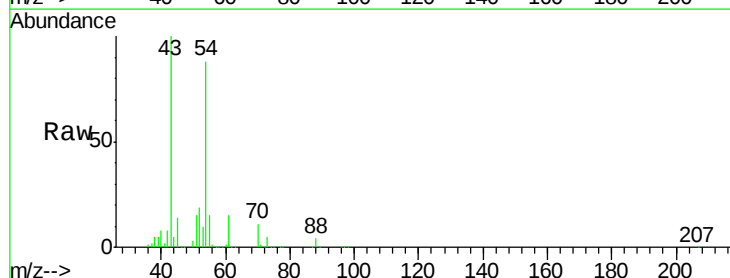
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

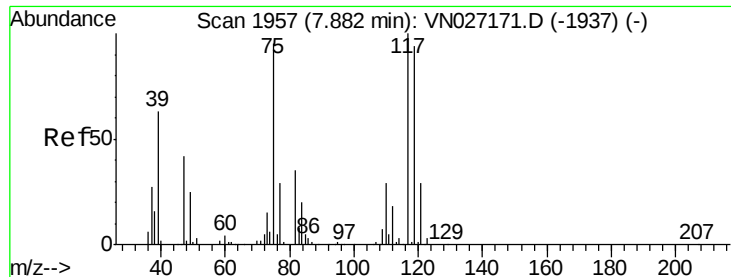
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 30.7  | 15.9  | 47.7  |
| 77      | 30.1  | 24.9  | 37.3  |



#38  
 Ethyl Acetate  
 Concen: 47.14 ug/l  
 RT: 7.02 min Scan# 1688  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.9  | 10.2  | 15.4  |
| 70      | 9.7   | 7.4   | 11.0  |

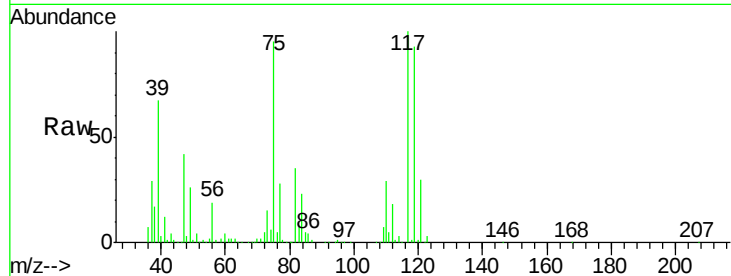




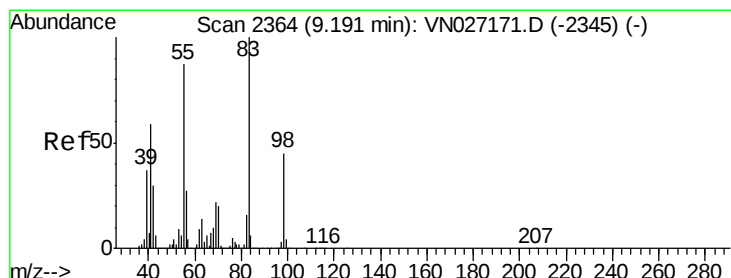
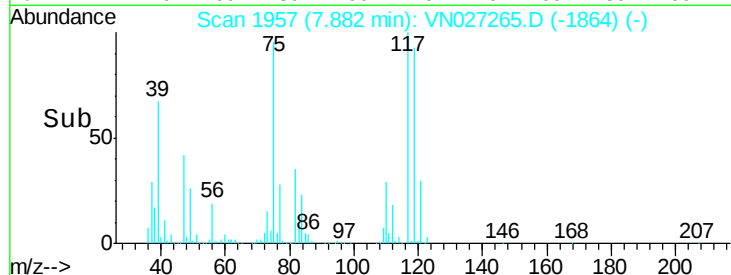
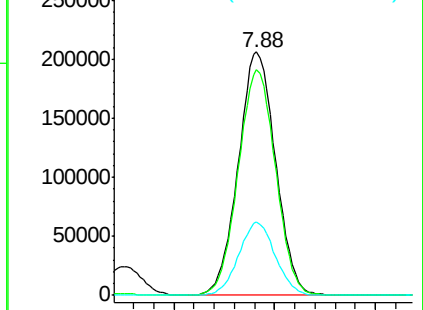
#39  
Carbon Tetrachloride  
Concen: 47.87 ug/l  
RT: 7.88 min Scan# 1957  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12-9-15-15MSD

Tgt Ion:117 Resp: 526375  
Ion Ratio Lower Upper  
117 100  
119 92.9 75.3 112.9  
121 30.1 23.8 35.8

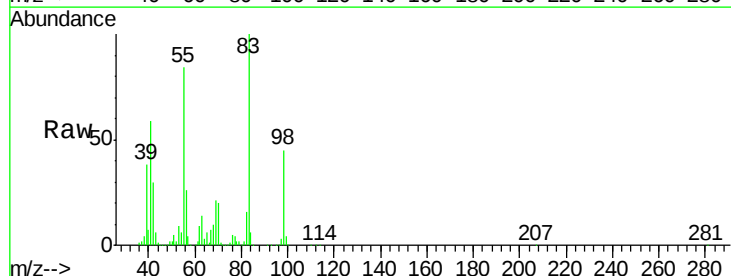


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

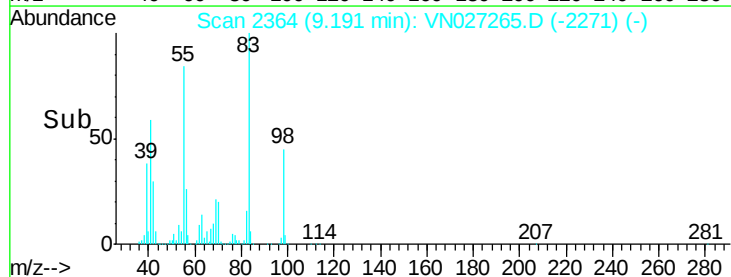
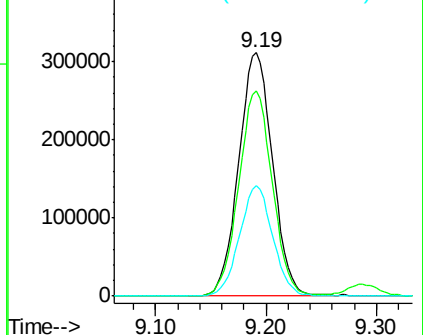


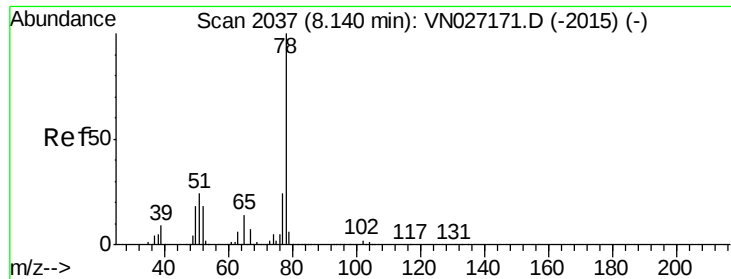
#40  
Methylcyclohexane  
Concen: 46.55 ug/l  
RT: 9.19 min Scan# 2364  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

Tgt Ion: 83 Resp: 663030  
Ion Ratio Lower Upper  
83 100  
55 84.2 69.8 104.8  
98 45.4 34.3 51.5



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





#41

Benzene

Concen: 47.90 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

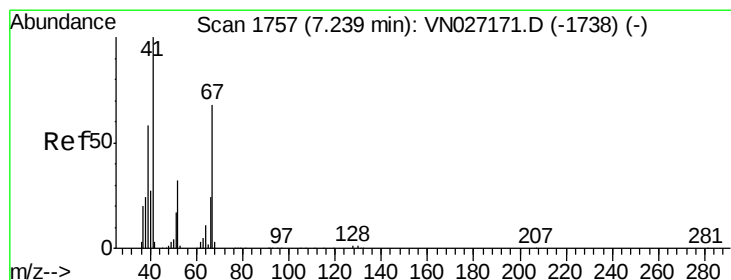
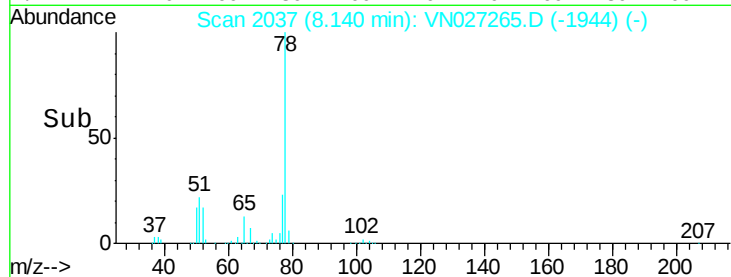
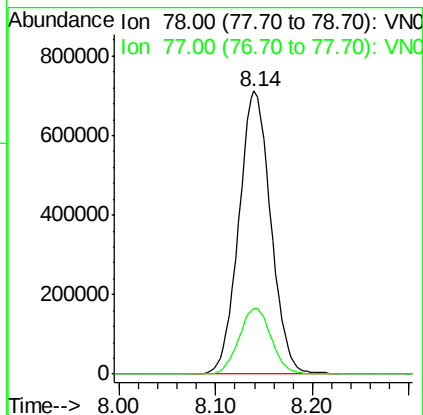
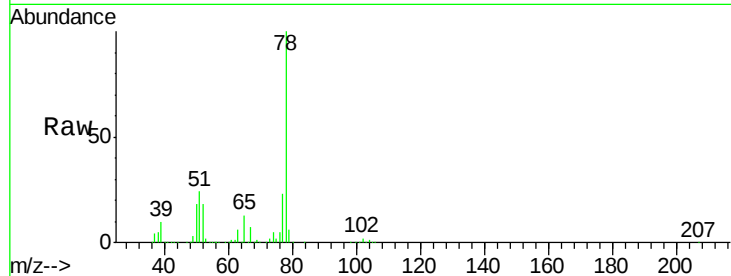
MW-12-9-15-15MSD

Tgt Ion: 78 Resp: 1634566

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.4



#42

Methacrylonitrile

Concen: 48.89 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Tgt Ion: 41 Resp: 276407

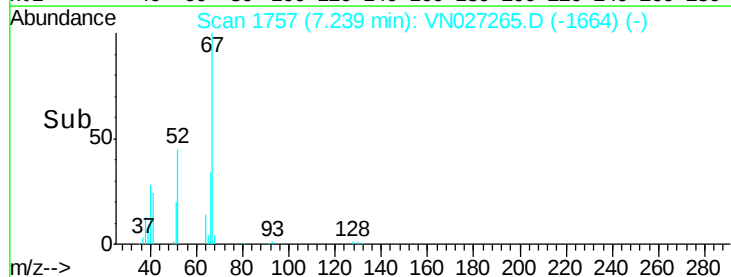
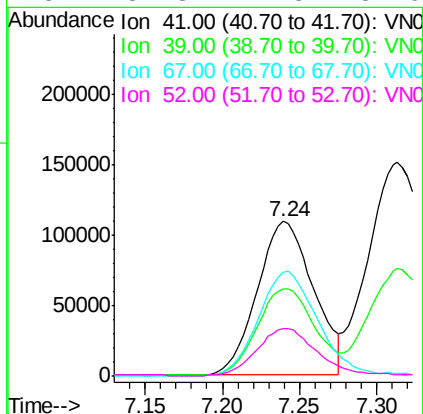
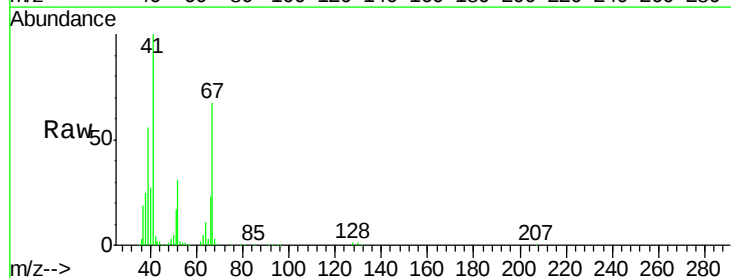
Ion Ratio Lower Upper

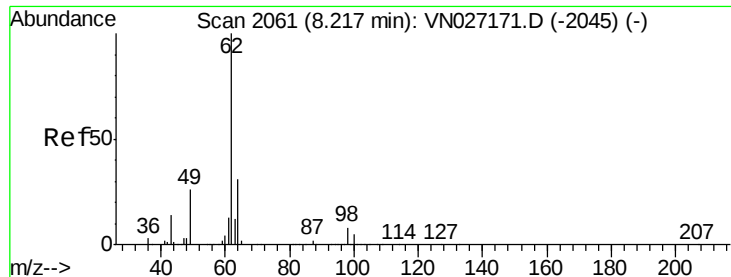
41 100

39 58.5 43.0 64.6

67 72.5 52.2 78.2

52 32.3 21.3 31.9#

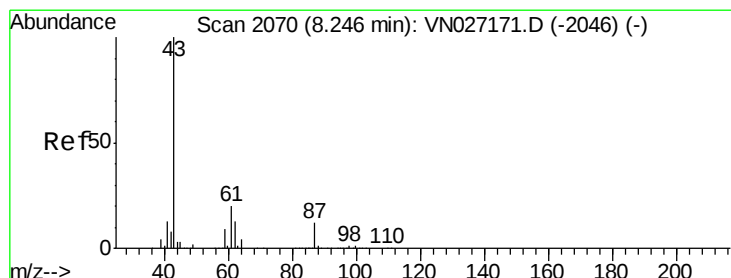
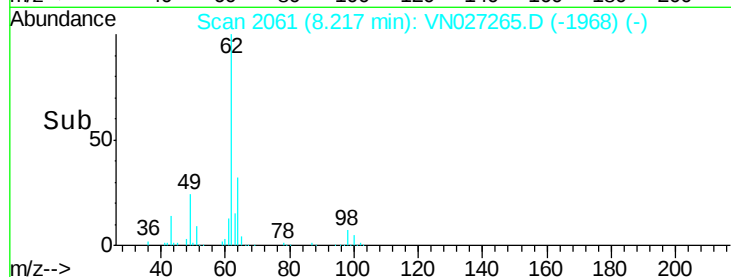
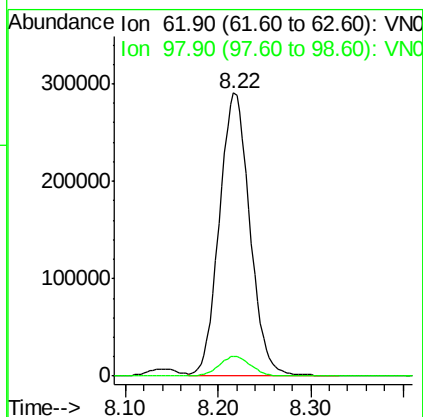
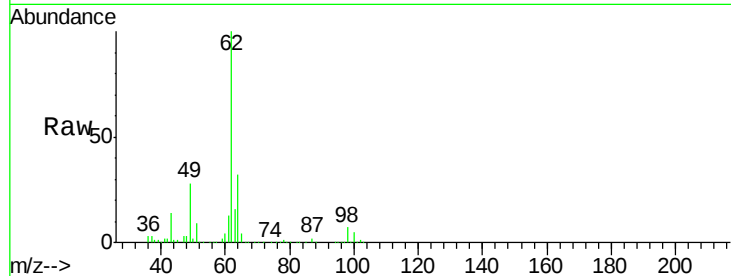




#43  
 1,2-Dichloroethane  
 Concen: 48.24 ug/l  
 RT: 8.22 min Scan# 2061  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

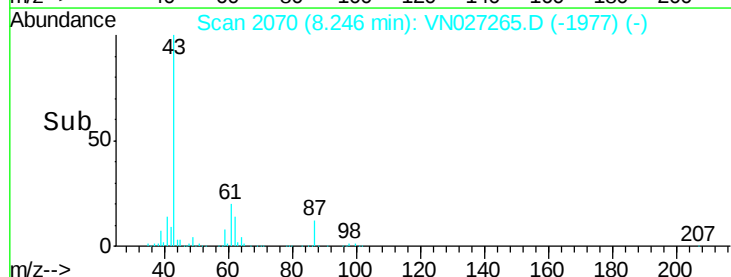
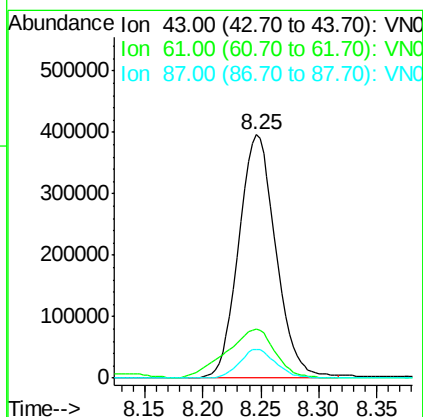
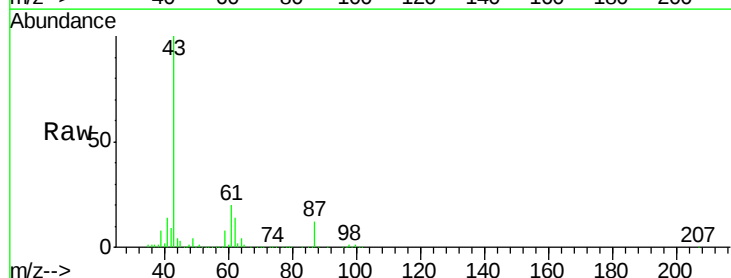
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

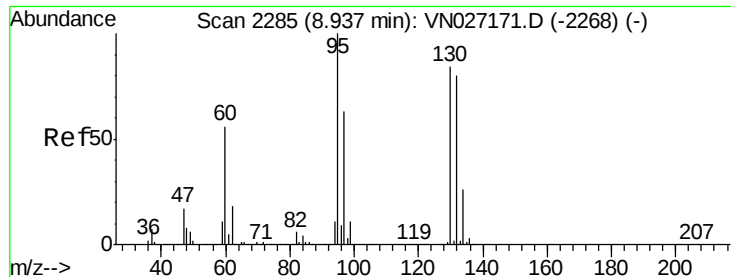
Tgt Ion: 62 Resp: 663273  
 Ion Ratio Lower Upper  
 62 100  
 98 7.3 0.0 18.0



#44  
 Isopropyl Acetate  
 Concen: 47.03 ug/l  
 RT: 8.25 min Scan# 2070  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Tgt Ion: 43 Resp: 879040  
 Ion Ratio Lower Upper  
 43 100  
 61 26.3 20.6 31.0  
 87 11.7 8.6 13.0

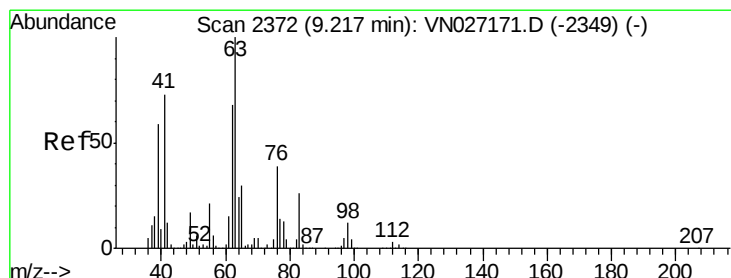
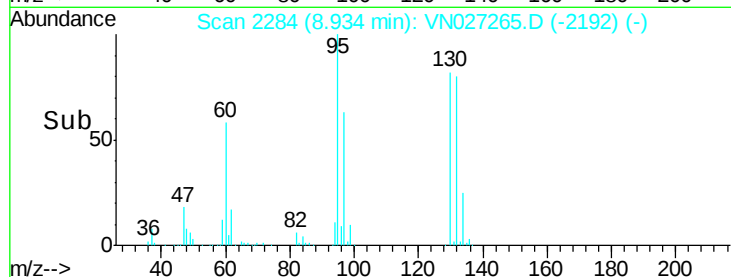
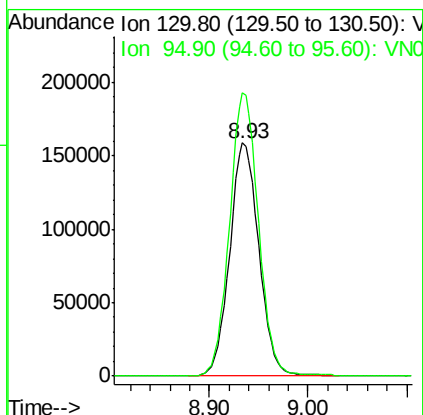
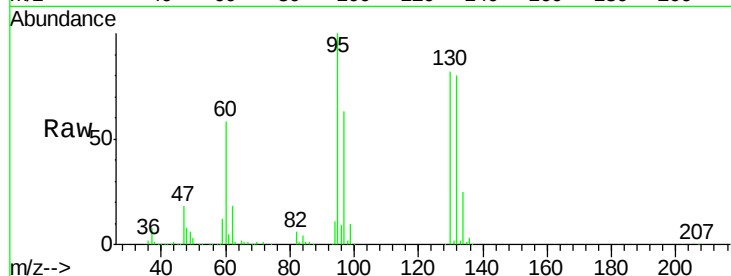




#45  
 Trichloroethene  
 Concen: 47.86 ug/l  
 RT: 8.93 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

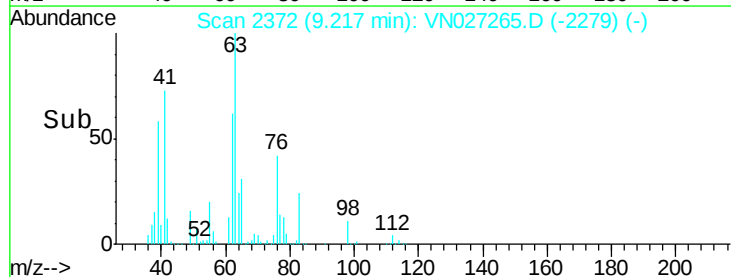
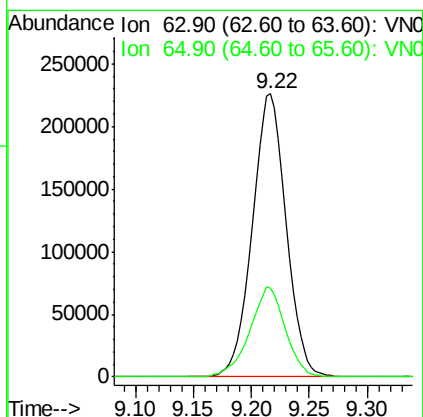
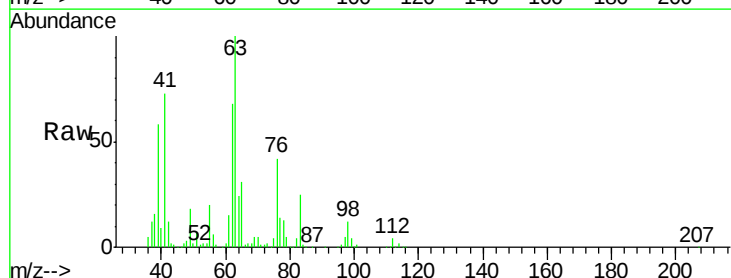
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

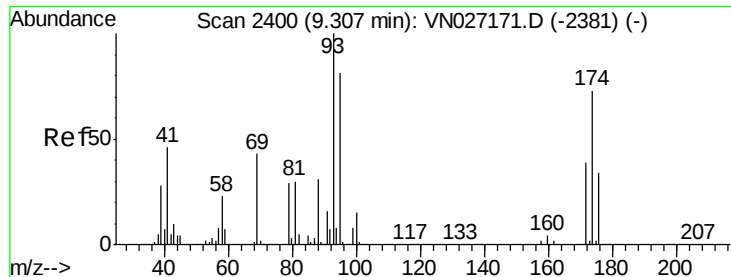
Tgt Ion:130 Resp: 328058  
 Ion Ratio Lower Upper  
 130 100  
 95 121.4 0.0 222.2



#46  
 1,2-Dichloropropane  
 Concen: 46.90 ug/l  
 RT: 9.22 min Scan# 2372  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Tgt Ion: 63 Resp: 460440  
 Ion Ratio Lower Upper  
 63 100  
 65 31.5 24.4 36.6

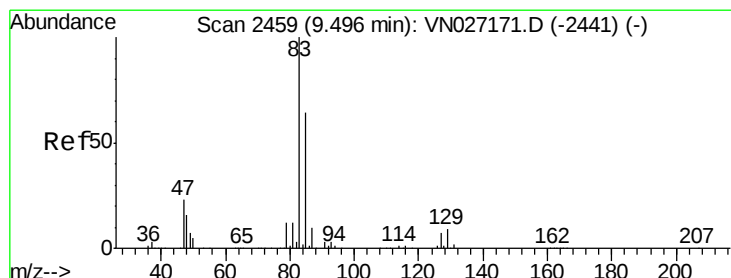
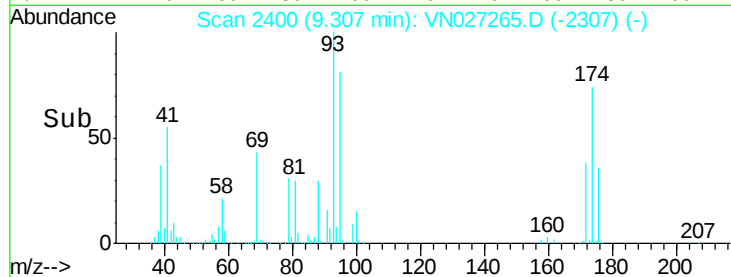
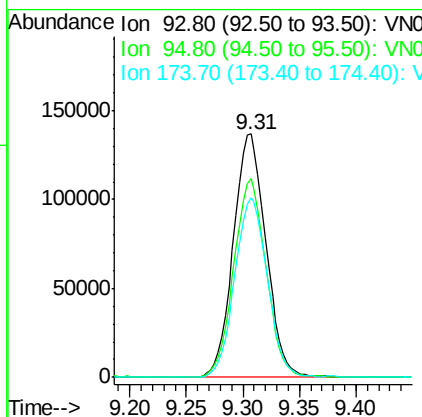
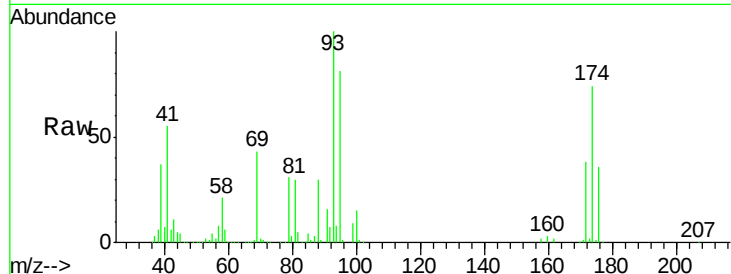




#47  
 Dibromomethane  
 Concen: 47.83 ug/l  
 RT: 9.31 min Scan# 2400  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

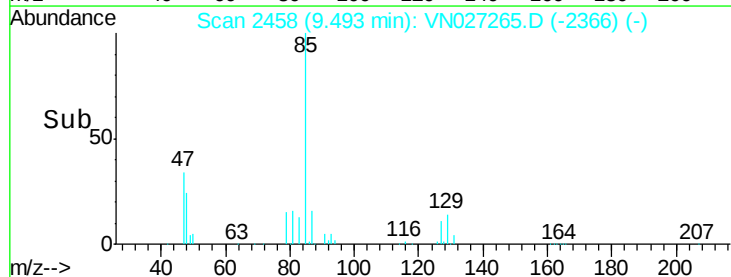
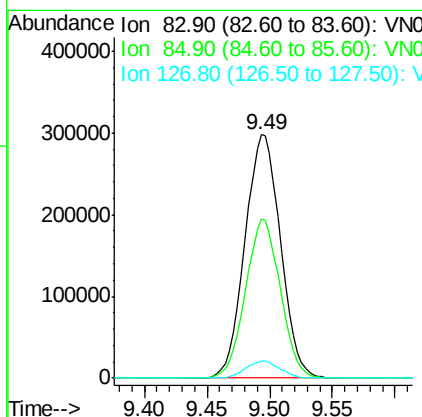
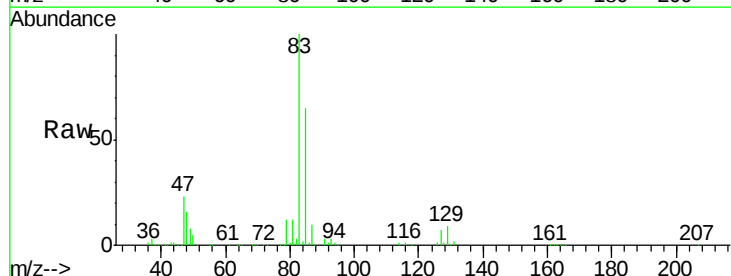
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

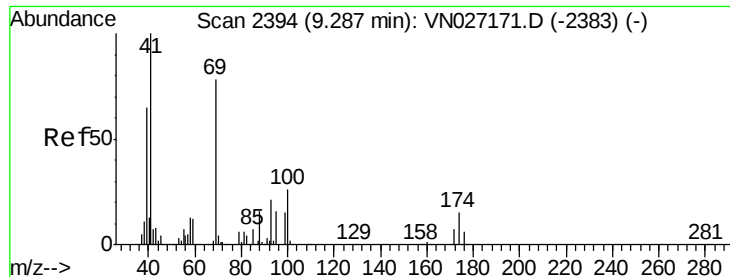
Tgt Ion: 93 Resp: 275737  
 Ion Ratio Lower Upper  
 93 100  
 95 80.9 66.3 99.5  
 174 73.6 67.8 101.6



#48  
 Bromodichloromethane  
 Concen: 48.21 ug/l  
 RT: 9.49 min Scan# 2458  
 Delta R.T. -0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Tgt Ion: 83 Resp: 585727  
 Ion Ratio Lower Upper  
 83 100  
 85 65.2 50.7 76.1  
 127 7.0 5.5 8.3

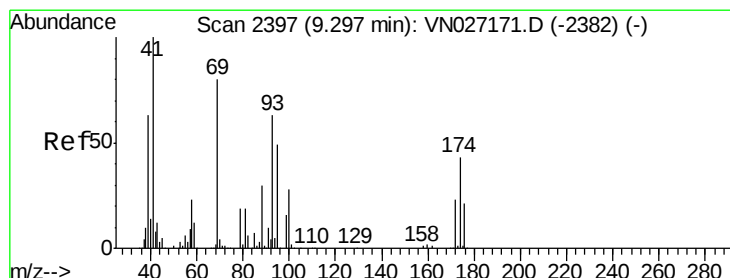
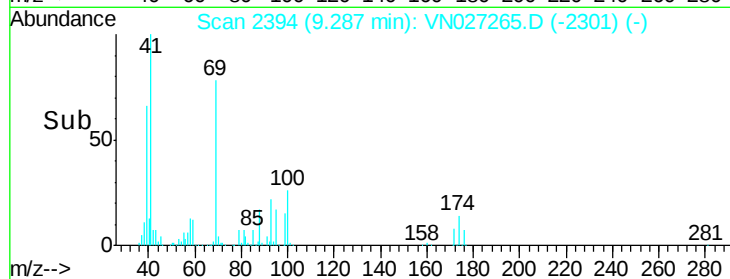
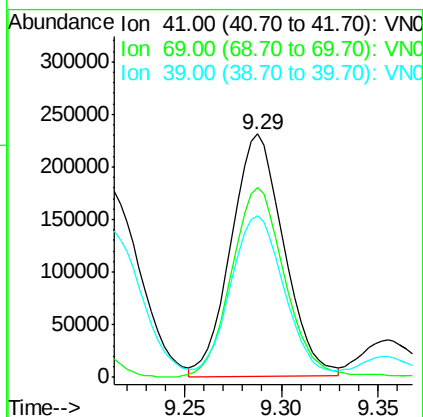
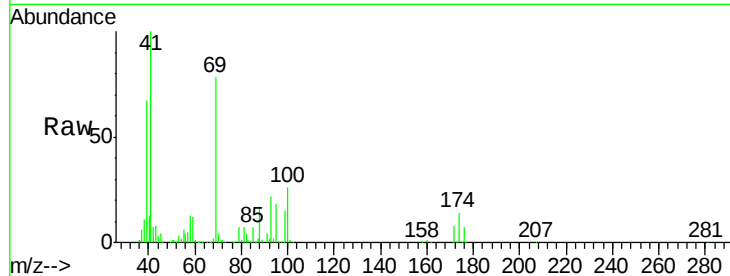




#49  
Methyl methacrylate  
Concen: 46.84 ug/l  
RT: 9.29 min Scan# 2394  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

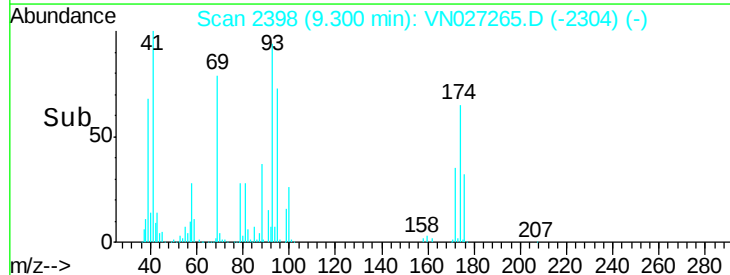
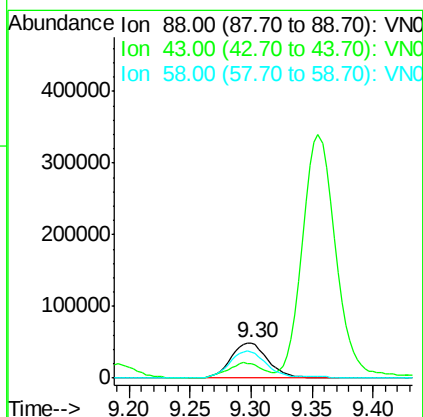
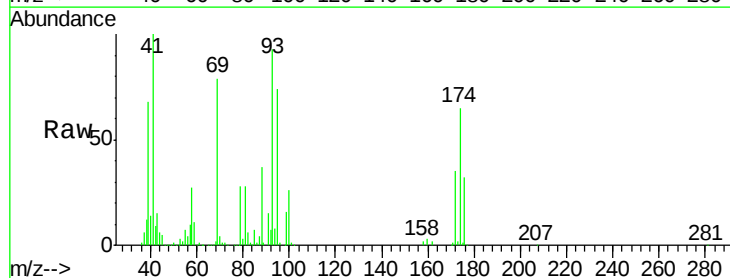
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12-9-15-15MSD

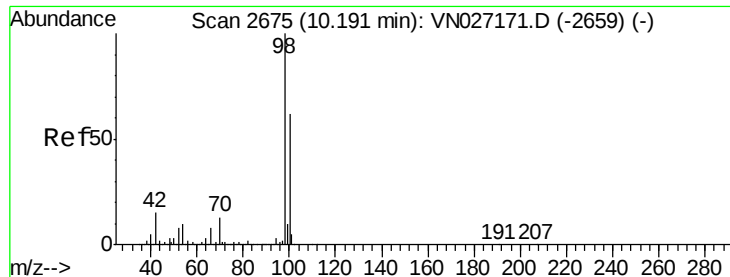
Tgt Ion: 41 Resp: 436225  
Ion Ratio Lower Upper  
41 100  
69 79.3 59.3 88.9  
39 68.2 39.5 59.3#



#50  
1,4-Dioxane  
Concen: 945.46 ug/l  
RT: 9.30 min Scan# 2398  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

Tgt Ion: 88 Resp: 103261  
Ion Ratio Lower Upper  
88 100  
43 38.3 27.6 41.4  
58 76.7 63.1 94.7





#51

Toluene-d8

Concen: 48.06 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

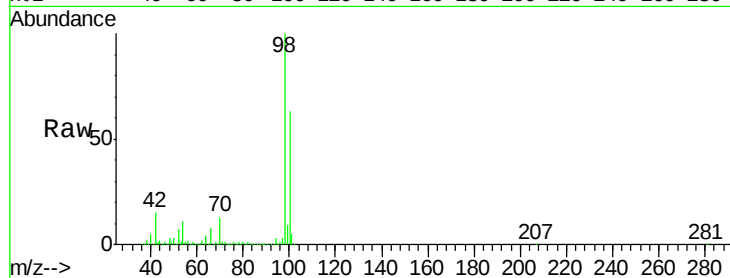
MW-12-9-15-15MSD

Tgt Ion: 98 Resp: 1303411

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.19

800000

600000

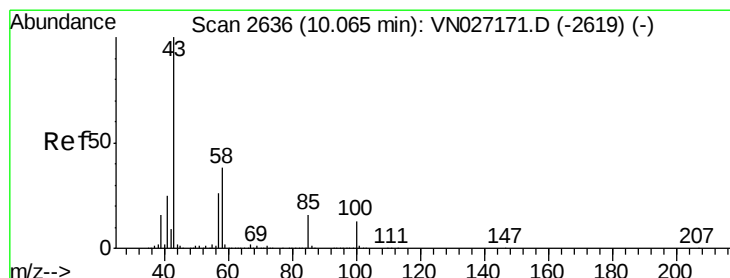
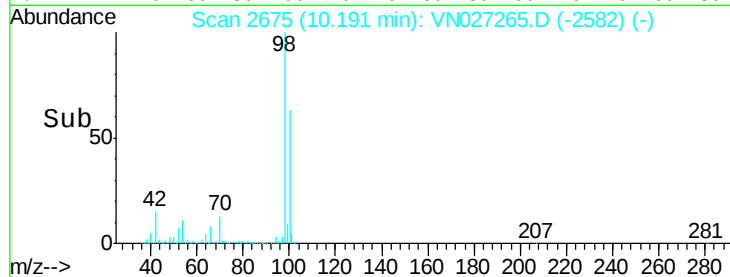
400000

200000

0

10.10 10.20 10.30

Time-->



#52

4-Methyl-2-Pentanone

Concen: 238.31 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027265.D

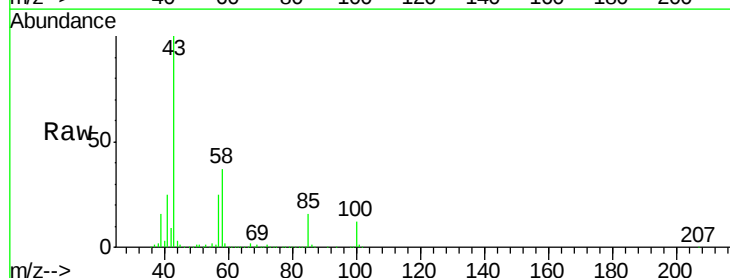
Acq: 17 Sep 2015 19:49

Tgt Ion: 43 Resp: 2355072

Ion Ratio Lower Upper

43 100

58 37.7 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.07

1500000

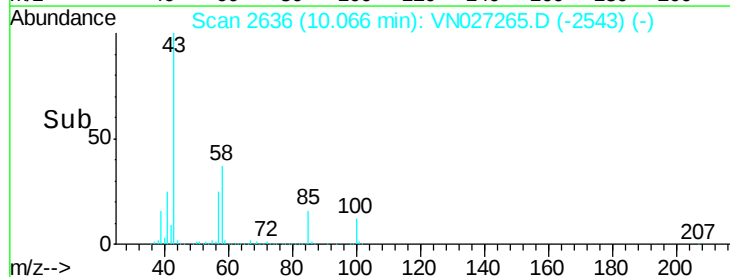
1000000

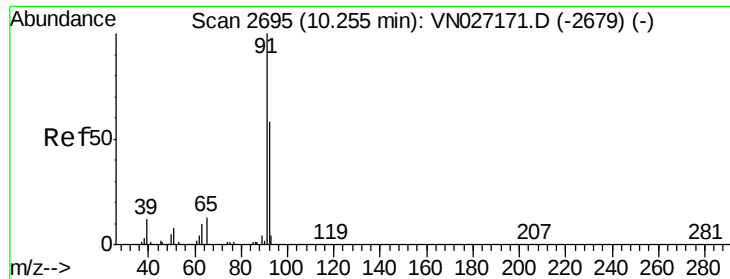
500000

0

10.00 10.10 10.20

Time-->





#53

Toluene

Concen: 47.73 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

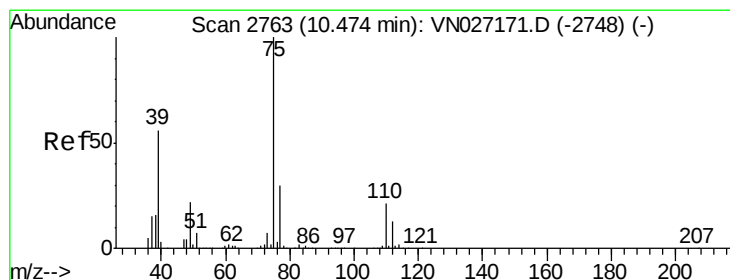
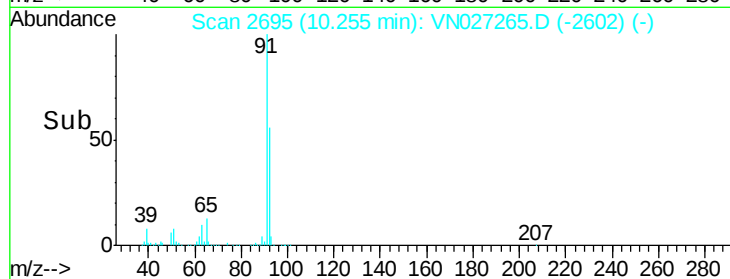
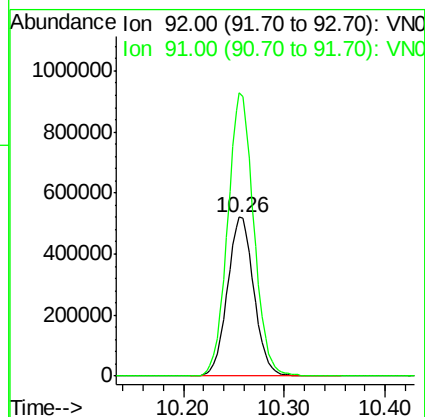
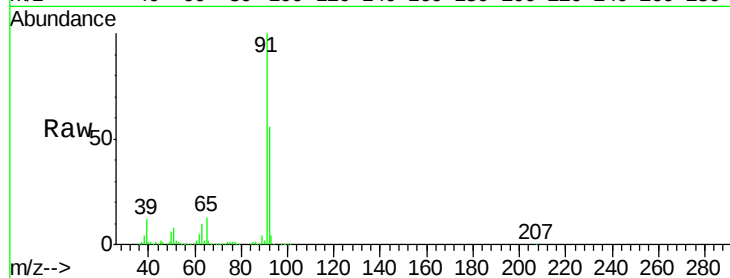
MW-12-9-15-15MSD

Tgt Ion: 92 Resp: 954173

Ion Ratio Lower Upper

92 100

91 176.1 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 46.32 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027265.D

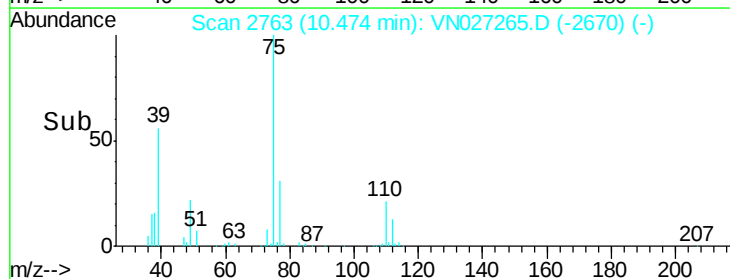
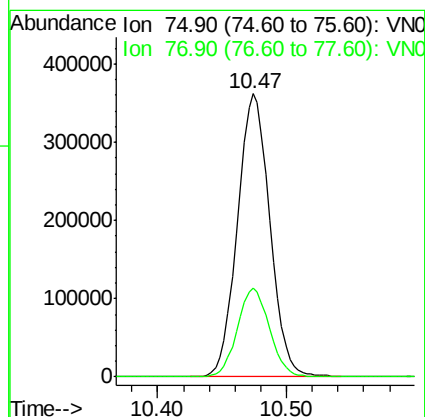
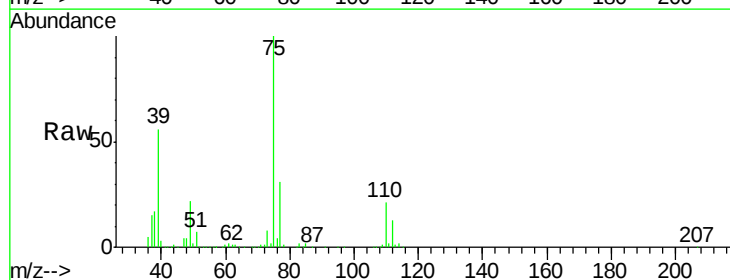
Acq: 17 Sep 2015 19:49

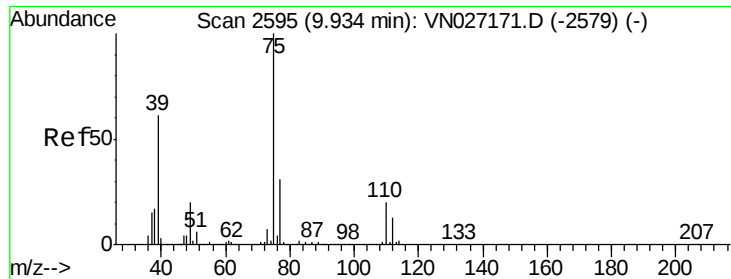
Tgt Ion: 75 Resp: 631936

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 46.09 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

MW-12-9-15-15MSD

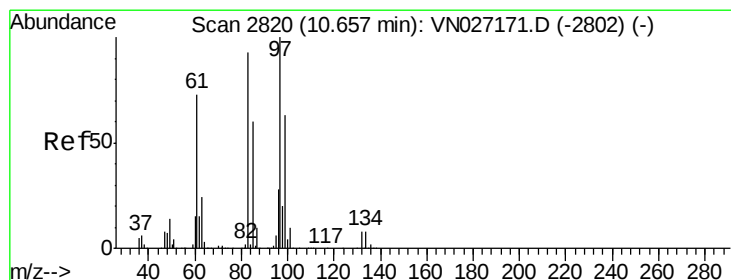
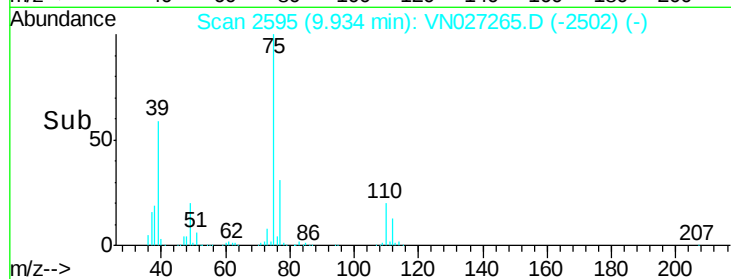
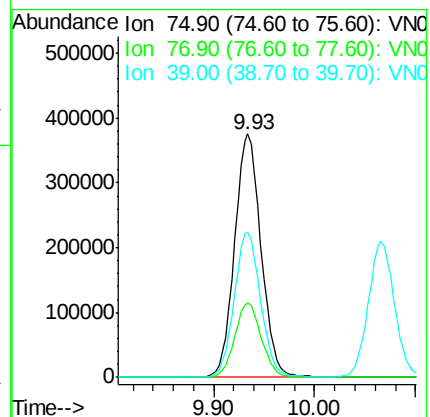
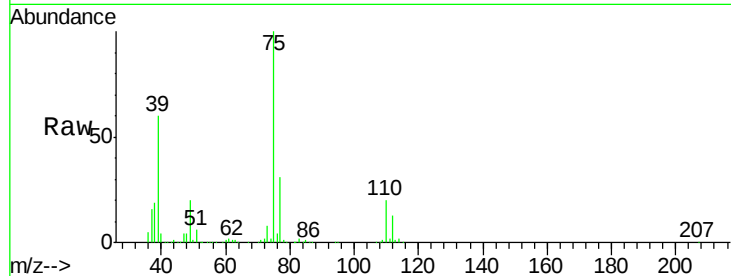
Tgt Ion: 75 Resp: 684144

Ion Ratio Lower Upper

75 100

77 30.6 25.6 38.4

39 59.5 41.6 62.4



#56

1,1,2-Trichloroethane

Concen: 48.71 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Tgt Ion: 97 Resp: 365936

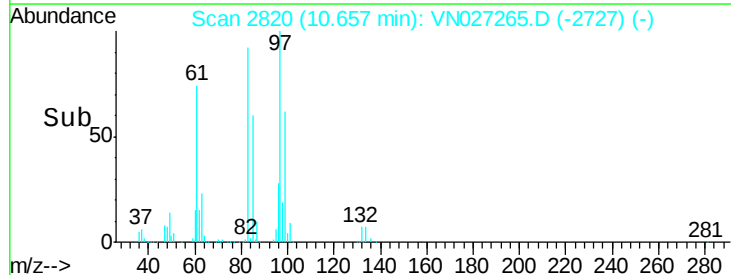
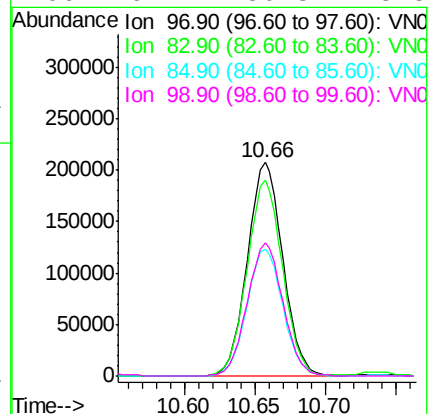
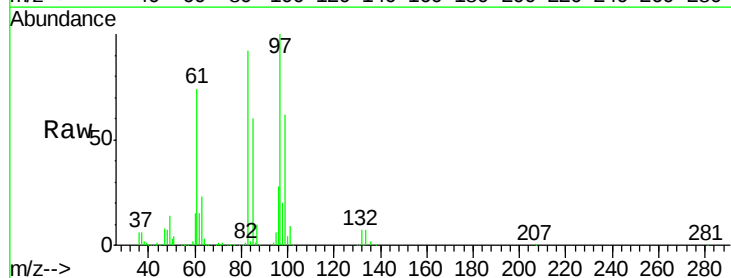
Ion Ratio Lower Upper

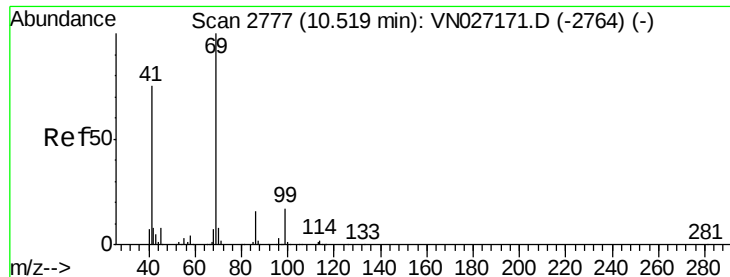
97 100

83 91.7 75.0 112.4

85 59.6 48.0 72.0

99 62.2 50.3 75.5





#57

Ethyl methacrylate

Concen: 47.33 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

MW-12-9-15-15MSD

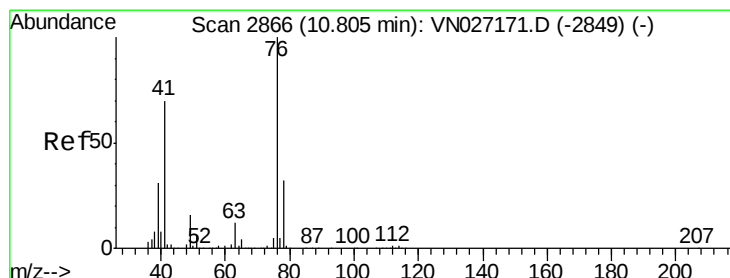
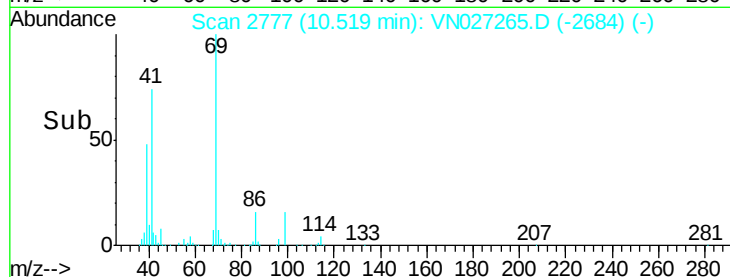
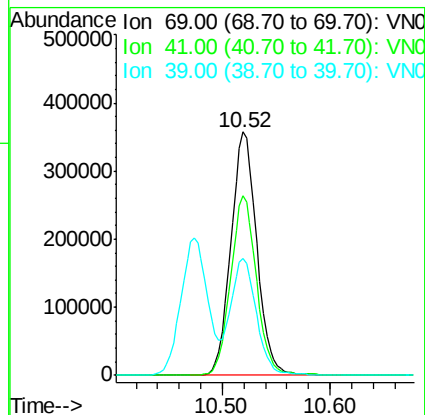
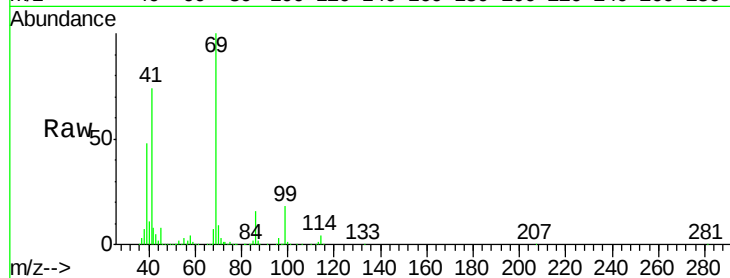
Tgt Ion: 69 Resp: 599279

Ion Ratio Lower Upper

69 100

41 72.4 61.3 91.9

39 47.9 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 48.33 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027265.D

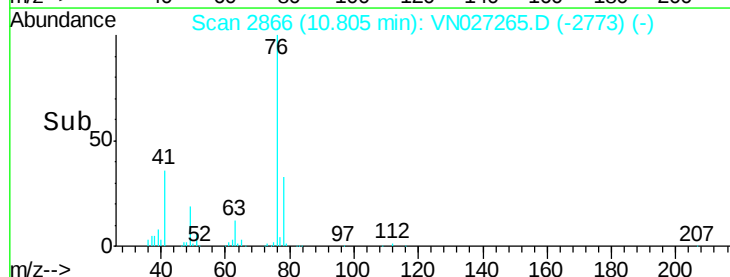
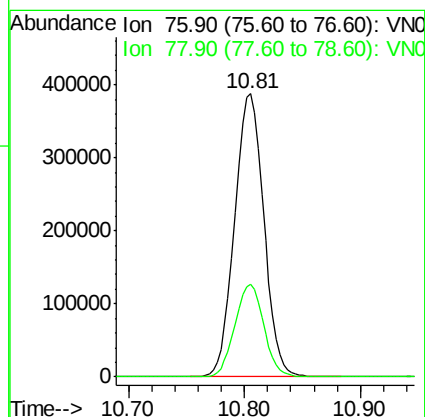
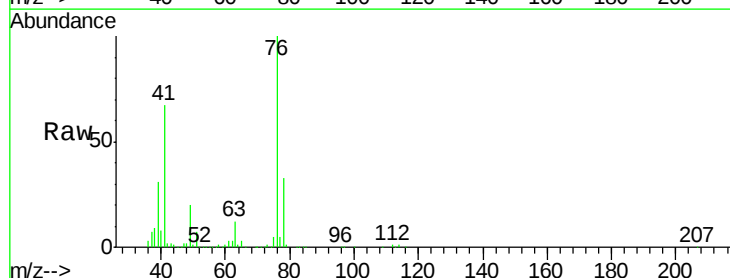
Acq: 17 Sep 2015 19:49

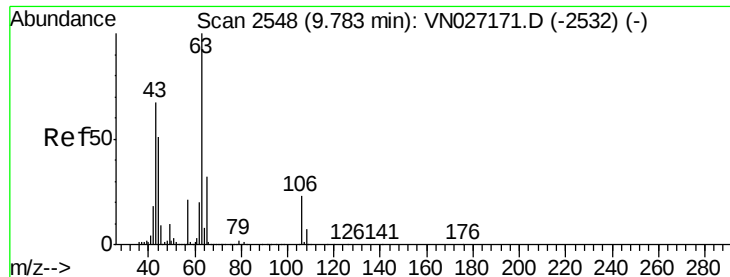
Tgt Ion: 76 Resp: 673978

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6

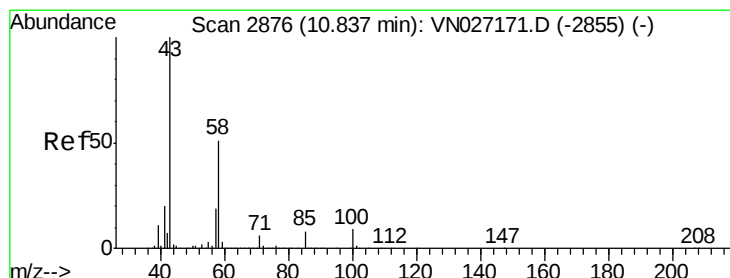
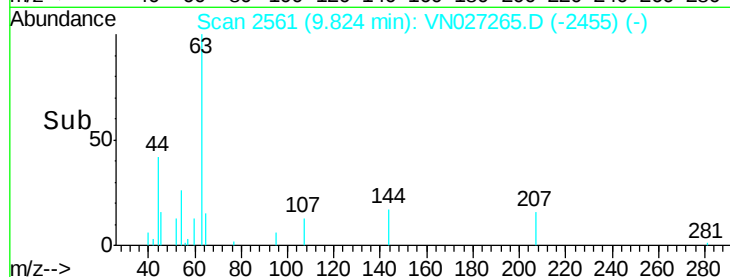
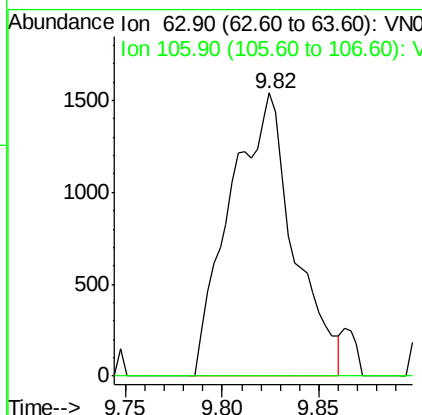
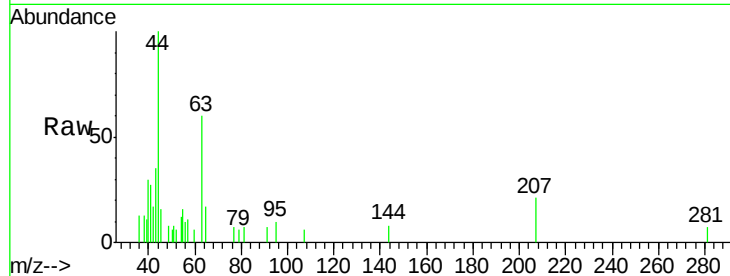




#59  
2-Chloroethyl Vinyl ether  
Concen: 0.61 ug/l  
RT: 9.82 min Scan# 2561  
Delta R.T. 0.04 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

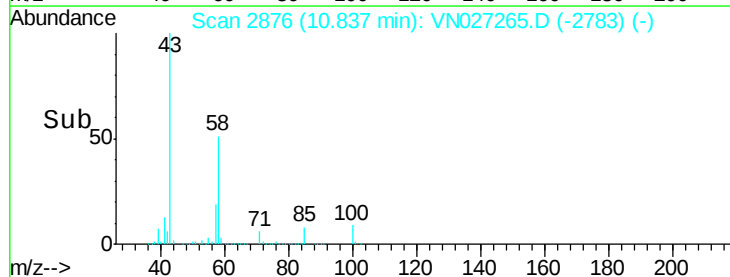
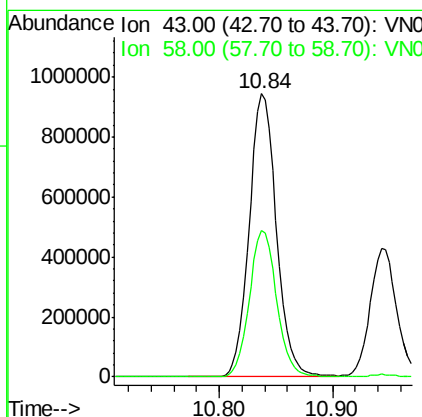
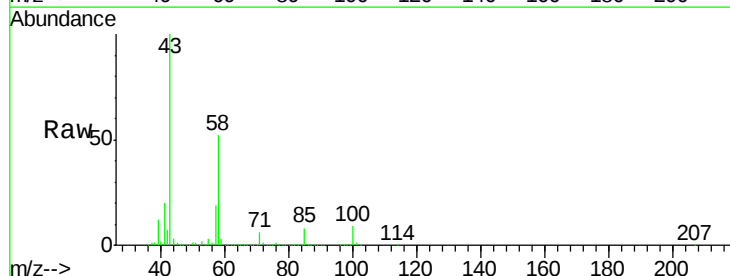
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12-9-15-15MSD

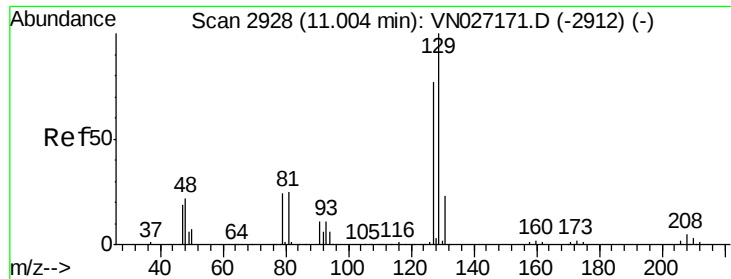
Tgt Ion: 63 Resp: 3527  
Ion Ratio Lower Upper  
63 100  
106 0.0 17.7 26.5#



#60  
2-Hexanone  
Concen: 234.22 ug/l  
RT: 10.84 min Scan# 2876  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

Tgt Ion: 43 Resp: 1575905  
Ion Ratio Lower Upper  
43 100  
58 52.1 26.2 78.5

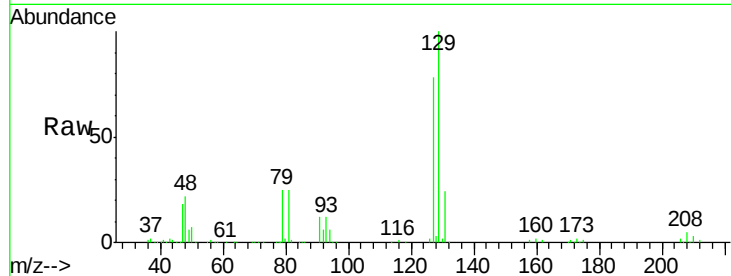




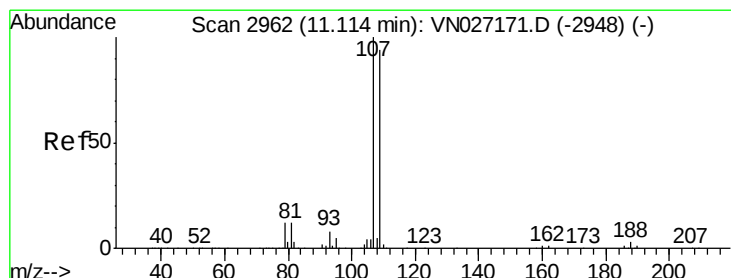
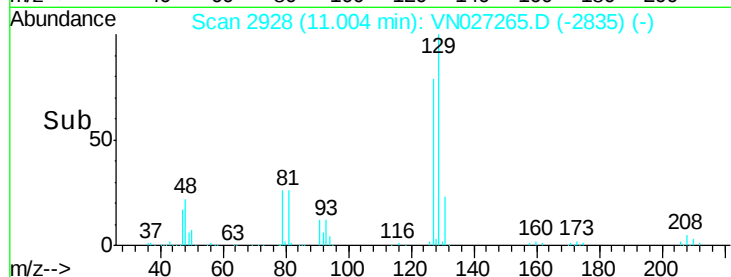
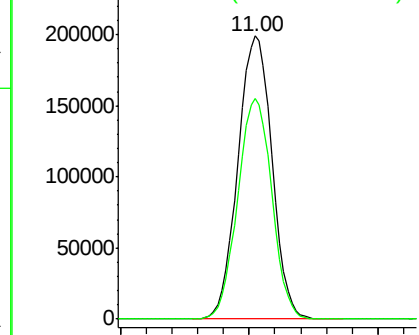
#61  
 Dibromochloromethane  
 Concen: 47.63 ug/l  
 RT: 11.00 min Scan# 2928  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

Tgt Ion:129 Resp: 365450  
 Ion Ratio Lower Upper  
 129 100  
 127 78.0 39.1 117.2

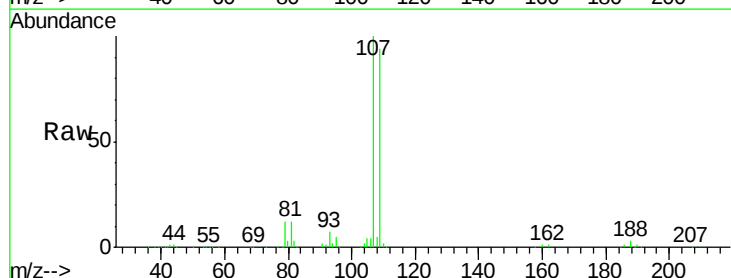


Abundance Ion 128.80 (128.50 to 129.50): V  
 Ion 126.80 (126.50 to 127.50): V

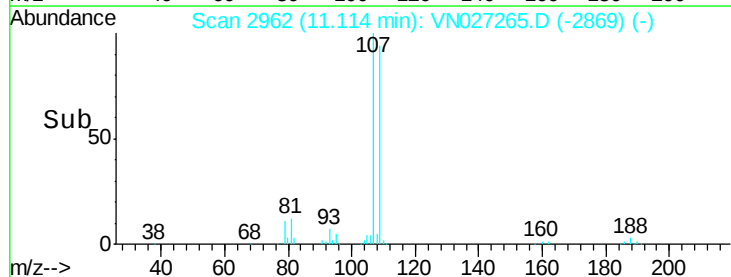
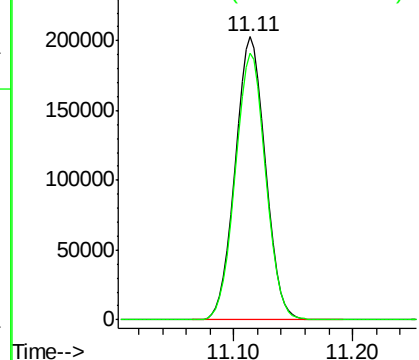


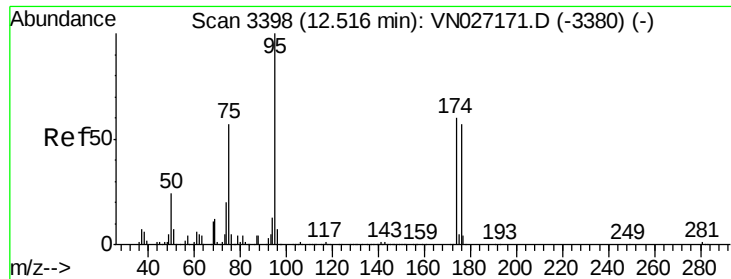
#62  
 1,2-Dibromoethane  
 Concen: 48.27 ug/l  
 RT: 11.11 min Scan# 2962  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Tgt Ion:107 Resp: 356368  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V  
 Ion 108.80 (108.50 to 109.50): V

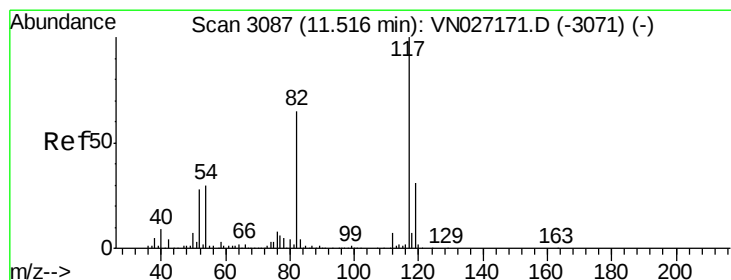
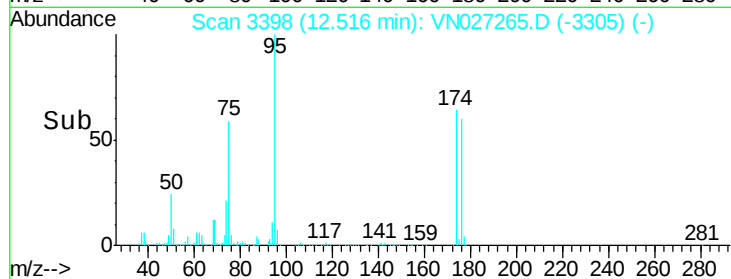
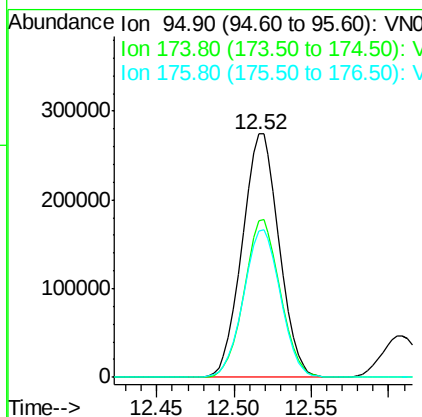
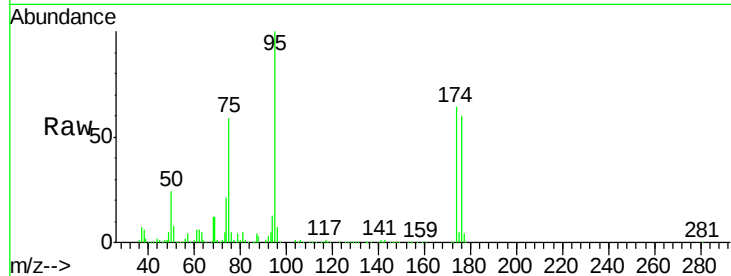




#63  
 4-Bromofluorobenzene  
 Concen: 47.38 ug/l  
 RT: 12.52 min Scan# 3398  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

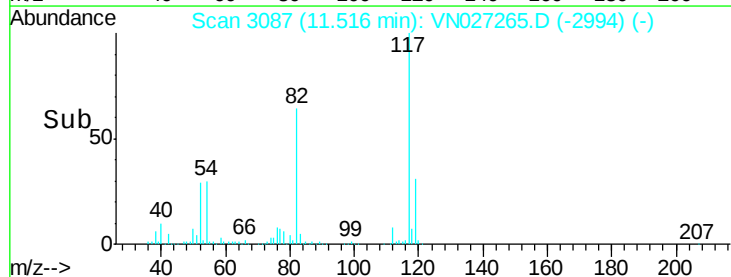
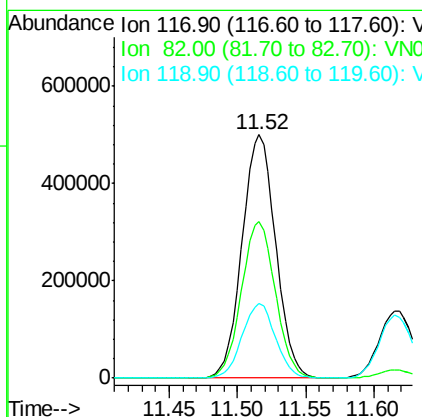
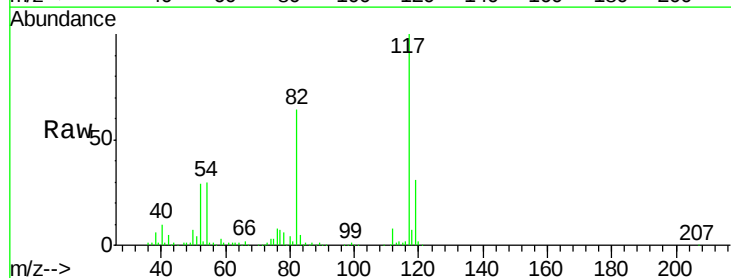
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

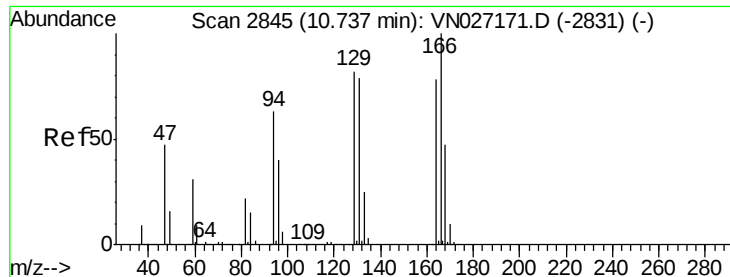
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 63.0  | 0.0   | 137.0 |
| 176     | 60.9  | 0.0   | 130.8 |



#64  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 11.52 min Scan# 3087  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 64.1  | 49.6  | 74.4  |
| 119     | 30.5  | 24.6  | 36.8  |





#65

Tetrachloroethene

Concen: 45.92 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

MW-12-9-15-15MSD

Tgt Ion:164 Resp: 251355

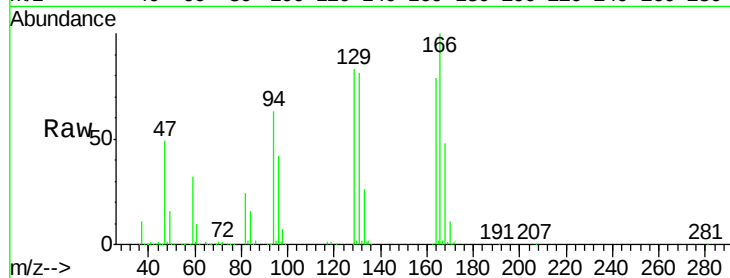
Ion Ratio Lower Upper

164 100

166 127.2 103.4 155.0

129 105.0 77.5 116.3

131 103.0 74.2 111.4

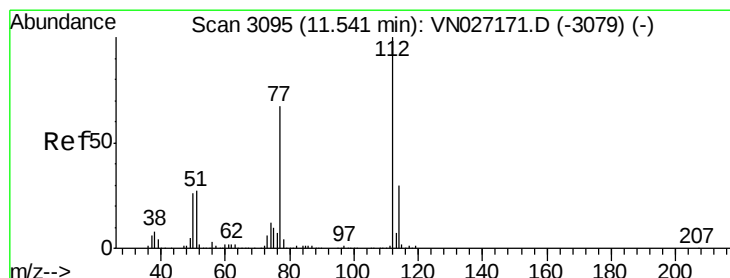
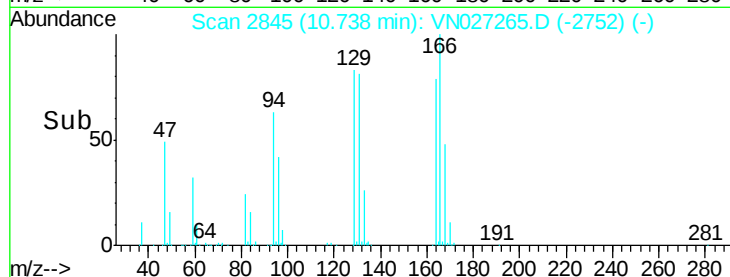
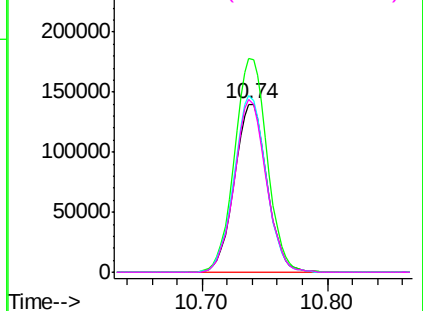


Abundance Ion 163.80 (163.50 to 164.50): V

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



#66

Chlorobenzene

Concen: 46.84 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027265.D

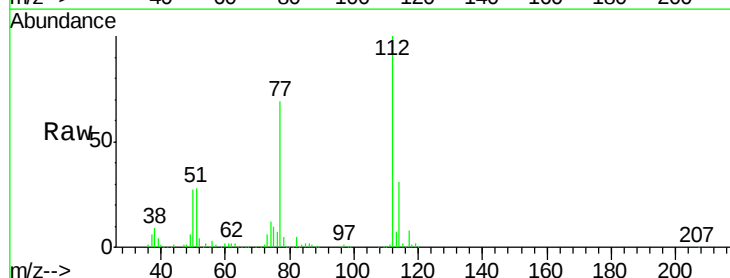
Acq: 17 Sep 2015 19:49

Tgt Ion:112 Resp: 946479

Ion Ratio Lower Upper

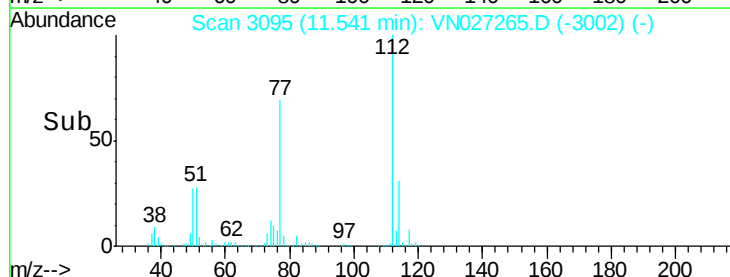
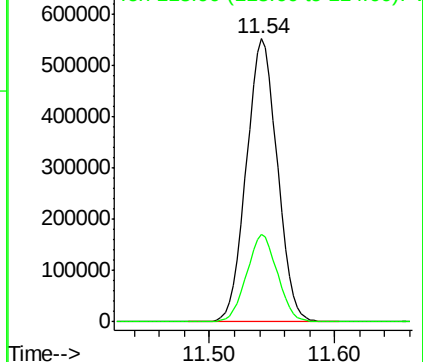
112 100

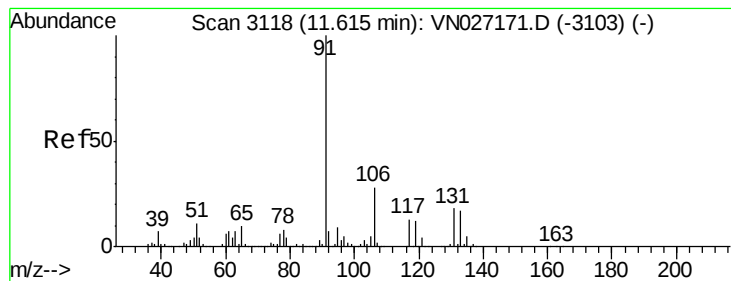
114 30.7 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

1,1,1,2-Tetrachloroethane

Concen: 46.32 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

MW-12-9-15-15MSD

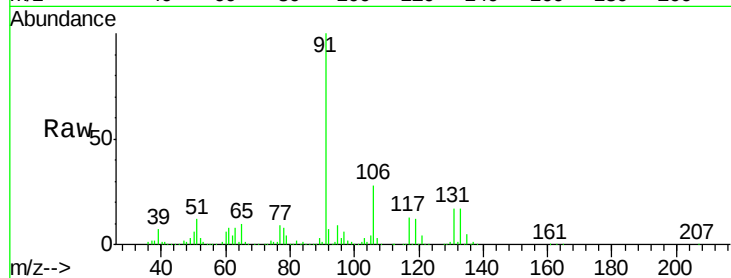
Tgt Ion:131 Resp: 319305

Ion Ratio Lower Upper

131 100

133 97.1 47.0 141.2

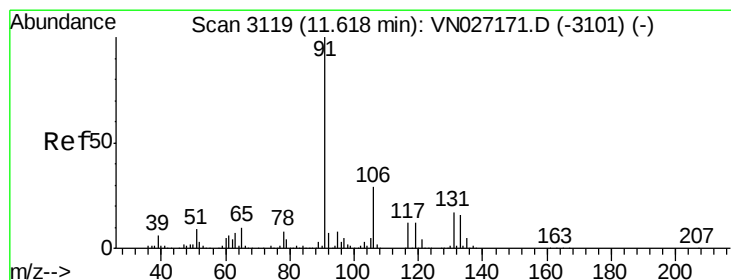
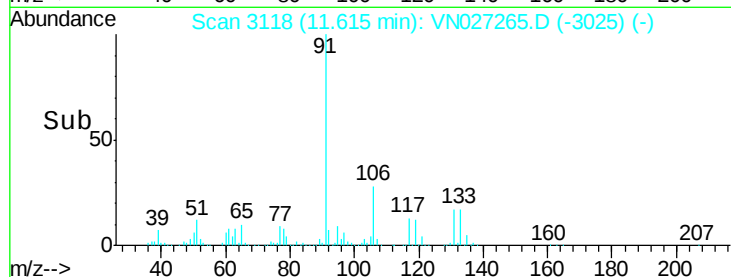
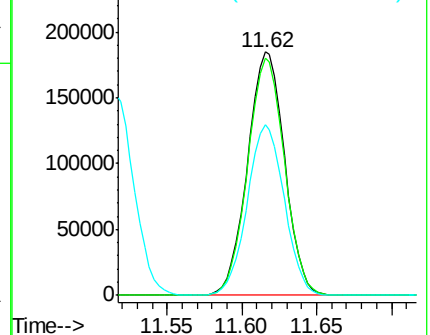
119 70.1 35.1 105.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#68

Ethyl Benzene

Concen: 47.54 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027265.D

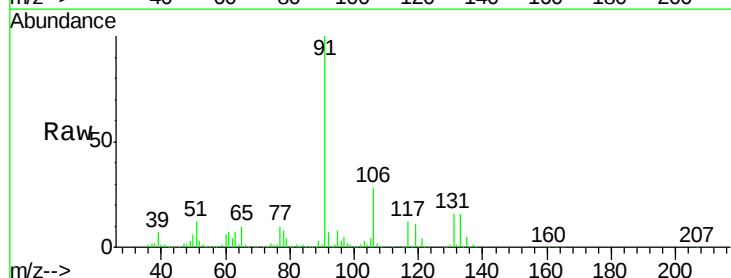
Acq: 17 Sep 2015 19:49

Tgt Ion: 91 Resp: 1821772

Ion Ratio Lower Upper

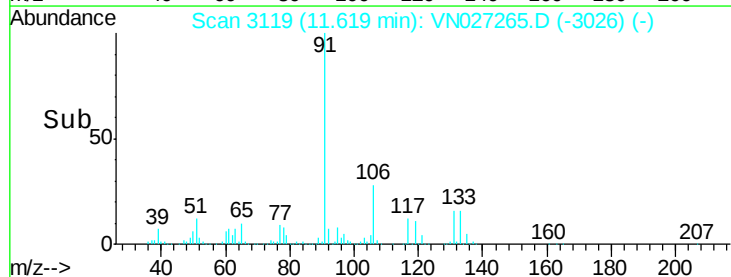
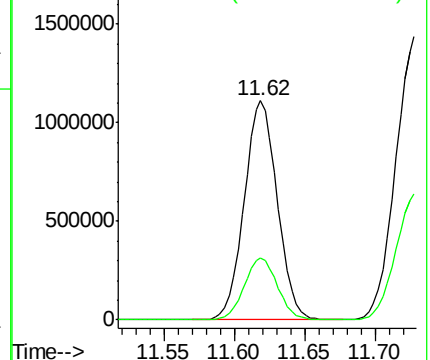
91 100

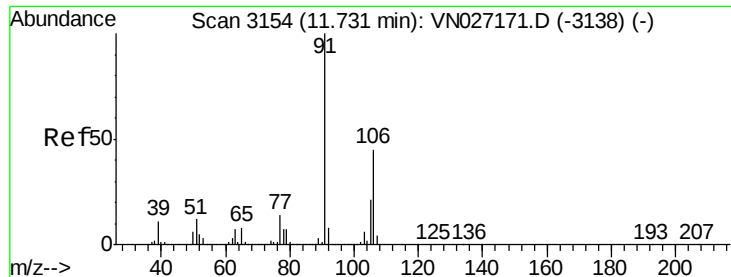
106 28.4 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#69

m/p-Xylenes

Concen: 95.09 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

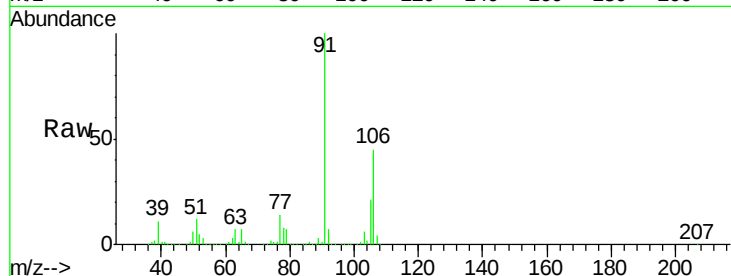
MW-12-9-15-15MSD

Tgt Ion:106 Resp: 1257184

Ion Ratio Lower Upper

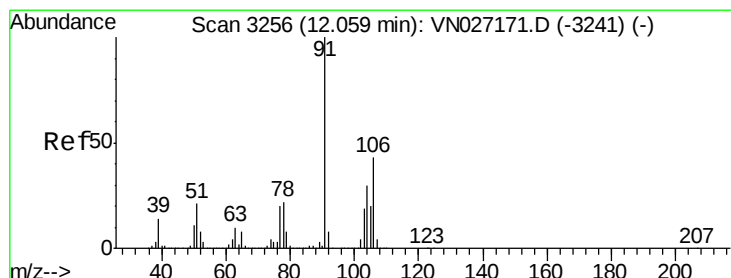
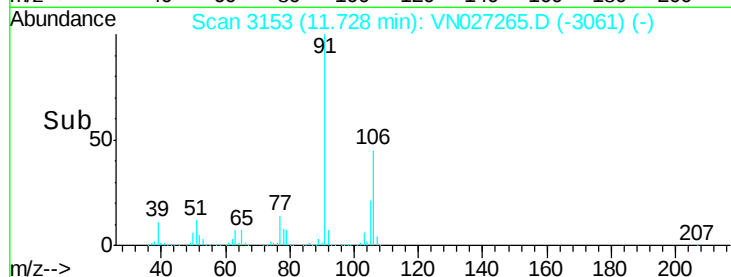
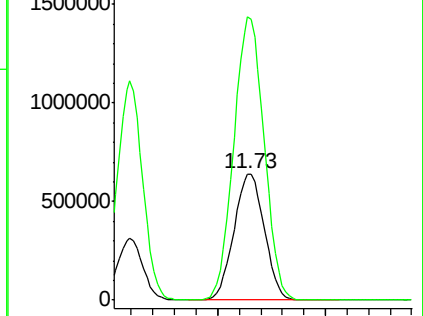
106 100

91 223.6 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

o-Xylene

Concen: 47.48 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN027265.D

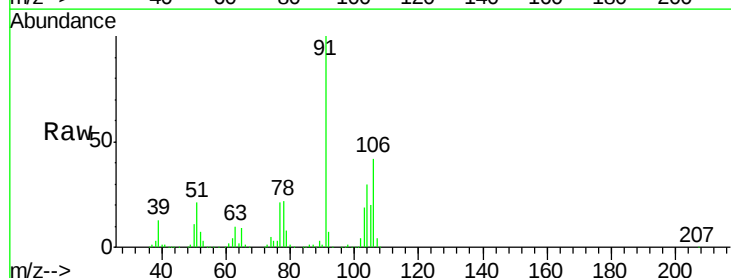
Acq: 17 Sep 2015 19:49

Tgt Ion:106 Resp: 629270

Ion Ratio Lower Upper

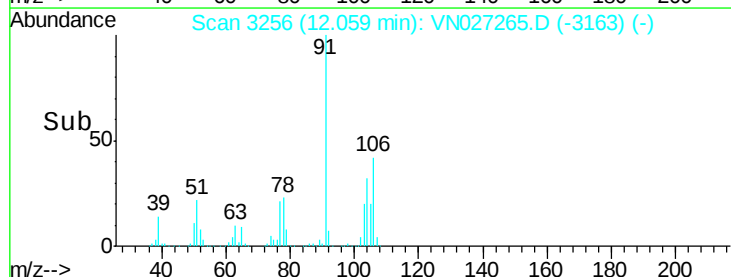
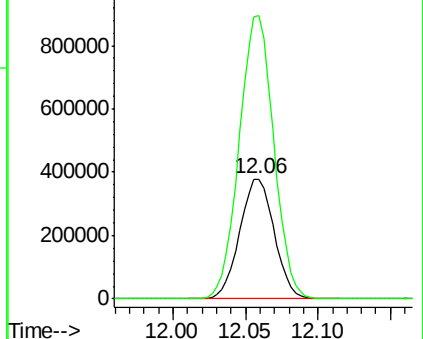
106 100

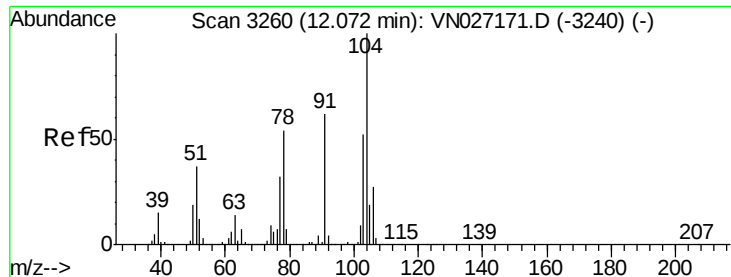
91 235.5 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

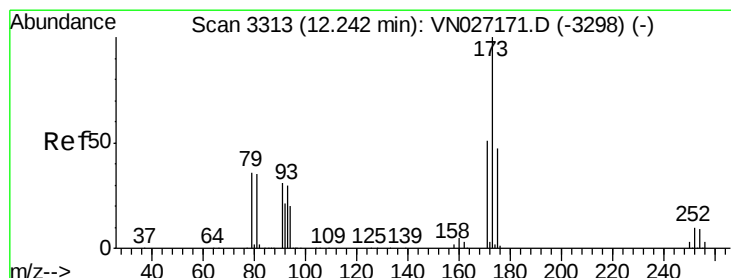
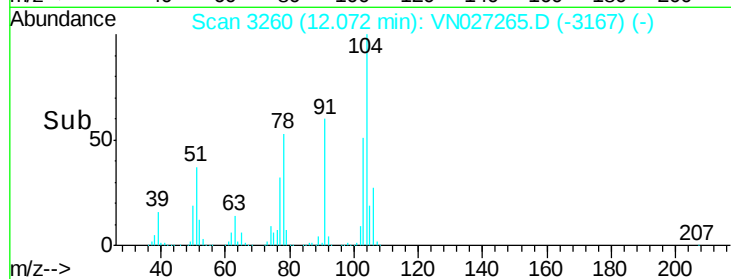
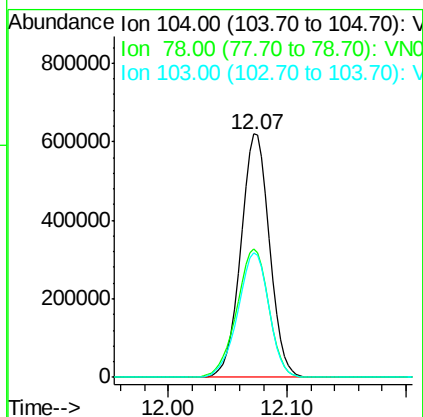
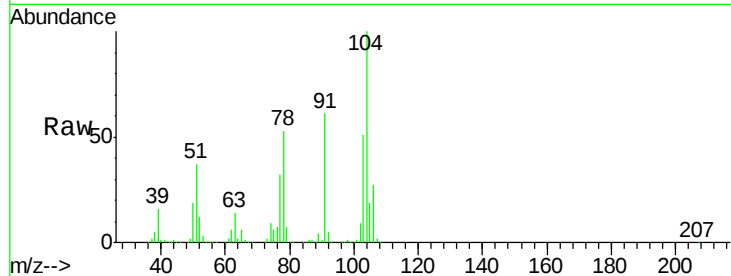




#71  
Styrene  
Concen: 48.41 ug/l  
RT: 12.07 min Scan# 3260  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

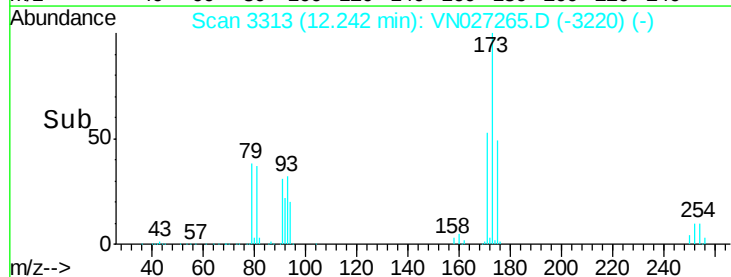
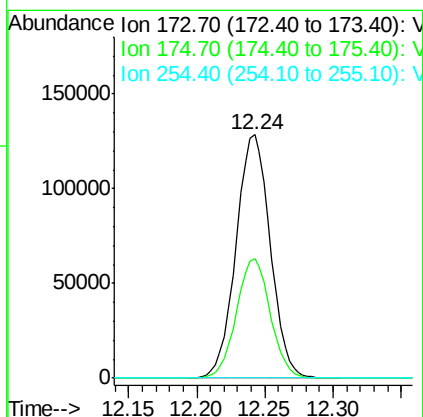
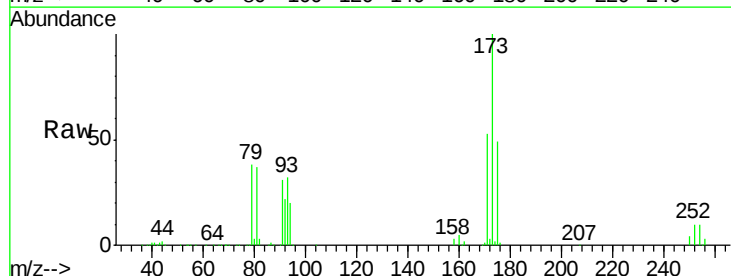
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12-9-15-15MSD

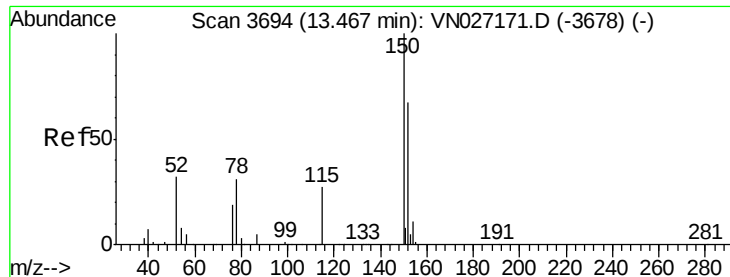
Tgt Ion:104 Resp: 1035676  
Ion Ratio Lower Upper  
104 100  
78 58.9 41.6 62.4  
103 55.4 44.2 66.2



#72  
Bromoform  
Concen: 46.64 ug/l  
RT: 12.24 min Scan# 3313  
Delta R.T. 0.00 min  
Lab File: VN027265.D  
Acq: 17 Sep 2015 19:49

Tgt Ion:173 Resp: 223578  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.4 73.4  
254 0.1 0.1 0.1#





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

MW-12-9-15-15MSD

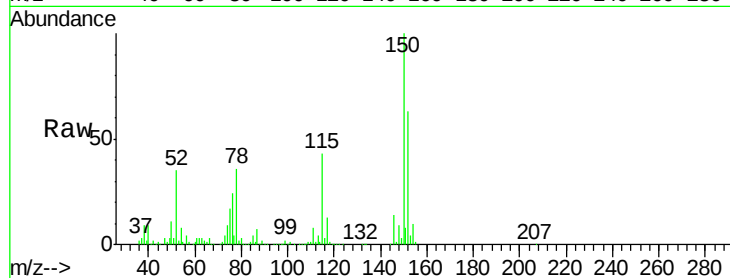
Tgt Ion:152 Resp: 331635

Ion Ratio Lower Upper

152 100

115 67.8 30.8 92.3

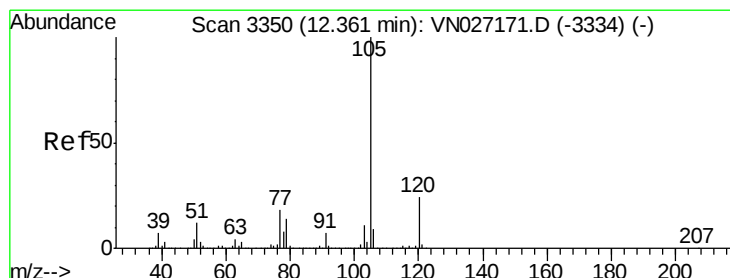
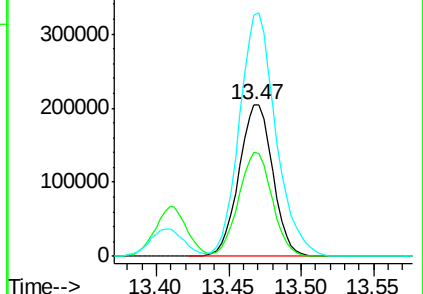
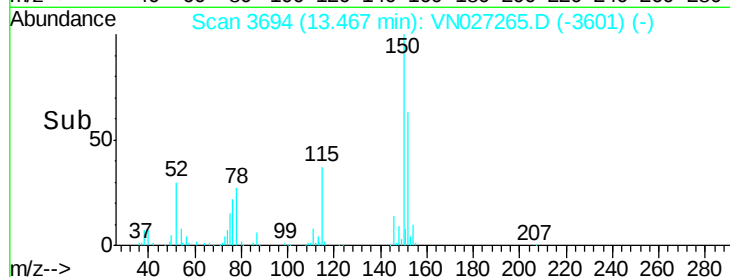
150 172.7 0.0 345.0



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



#74

Isopropylbenzene

Concen: 46.51 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027265.D

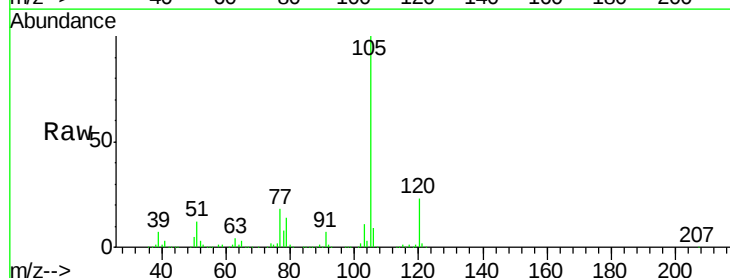
Acq: 17 Sep 2015 19:49

Tgt Ion:105 Resp: 1699637

Ion Ratio Lower Upper

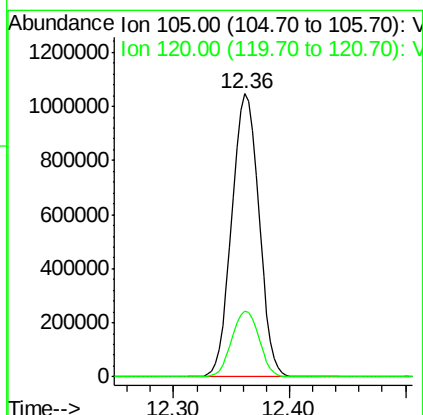
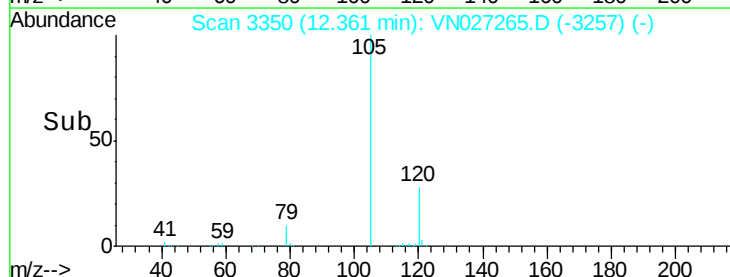
105 100

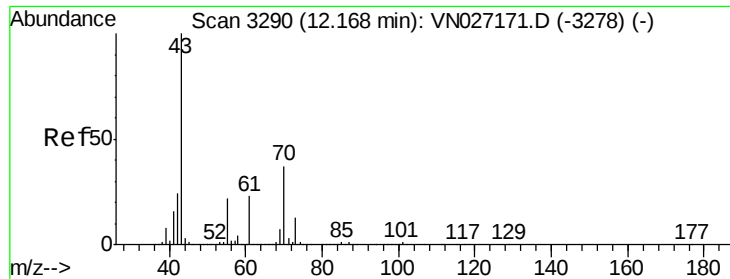
120 23.4 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 45.50 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

MW-12-9-15-15MSD

Tgt Ion: 43 Resp: 742029

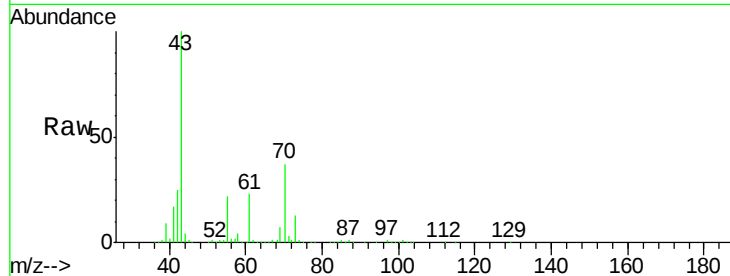
Ion Ratio Lower Upper

43 100

70 37.4 29.8 44.8

55 22.7 19.4 29.0

61 22.6 18.2 27.2

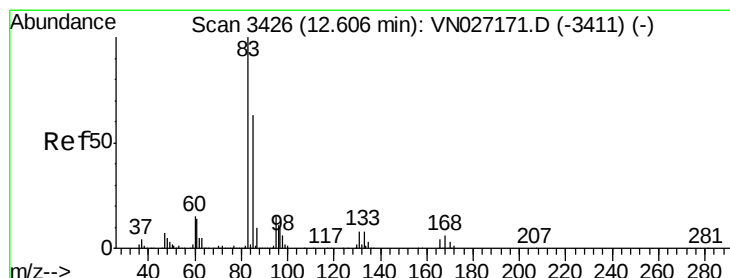
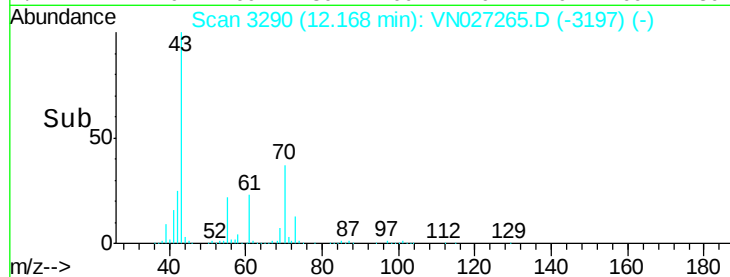
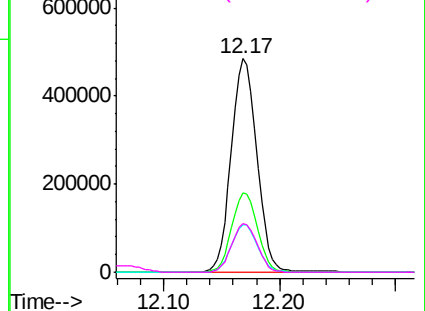


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,1,2,2-Tetrachloroethane

Concen: 51.77 ug/l

RT: 12.61 min Scan# 3427

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

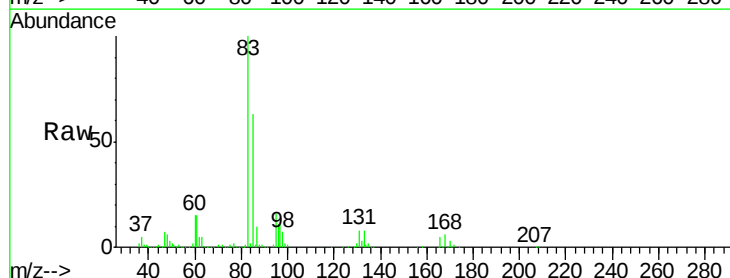
Tgt Ion: 83 Resp: 487229

Ion Ratio Lower Upper

83 100

131 8.4 4.1 12.3

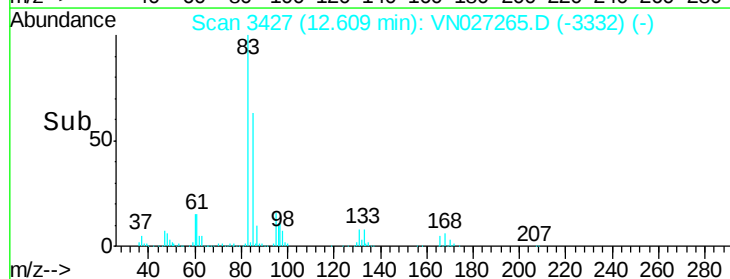
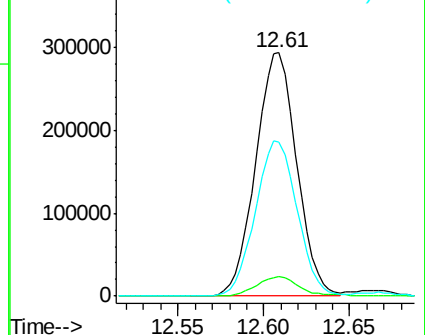
85 64.7 31.9 95.7

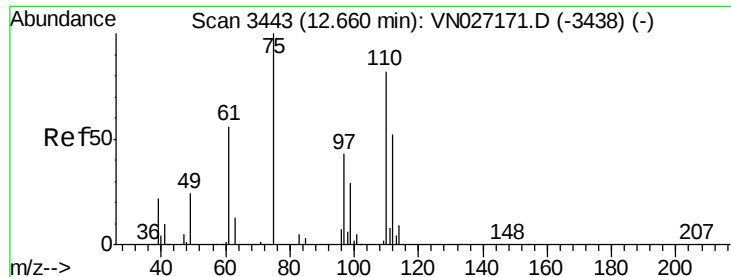


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 67.38 ug/l

RT: 12.66 min Scan# 3444

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

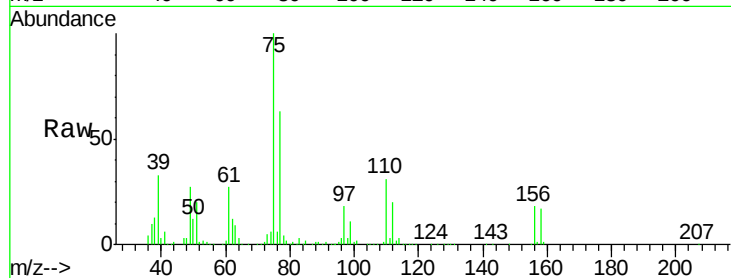
MW-12-9-15-15MSD

Tgt Ion: 75 Resp: 675341

Ion Ratio Lower Upper

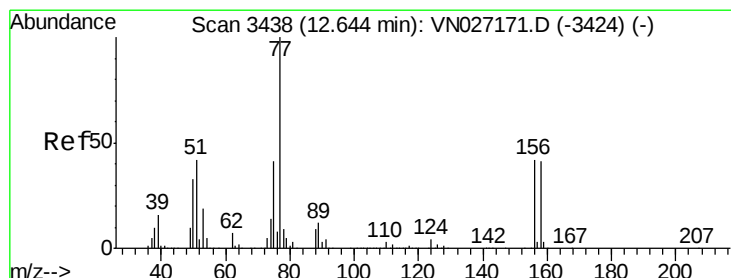
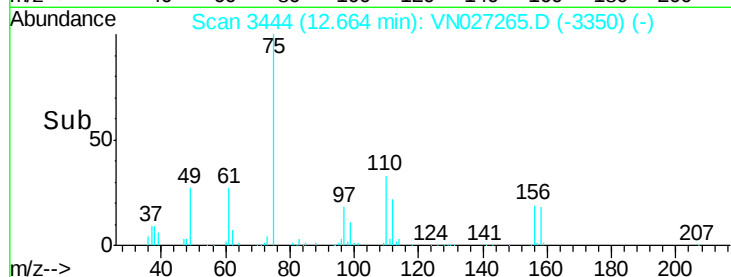
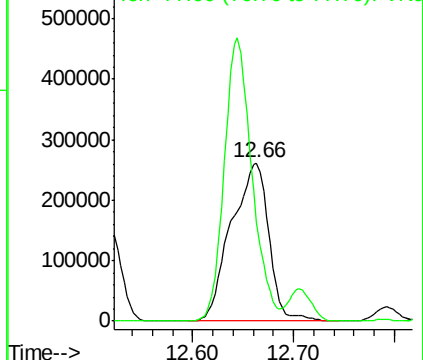
75 100

77 133.4 103.1 309.3



Abundance Ion 74.90 (74.60 to 75.60): VN027171.D (-3438) (-)

Ion 77.00 (76.70 to 77.70): VN027171.D (-3438) (-)



#78

Bromobenzene

Concen: 46.61 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

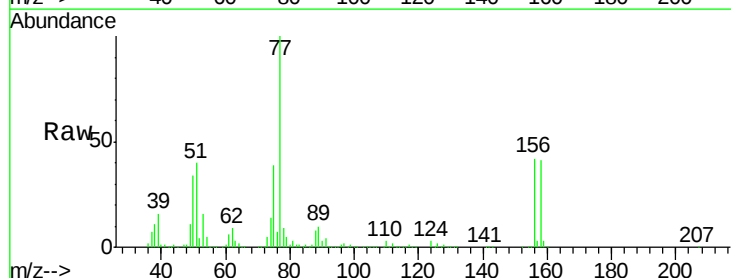
Tgt Ion: 156 Resp: 334055

Ion Ratio Lower Upper

156 100

77 269.6 127.3 381.9

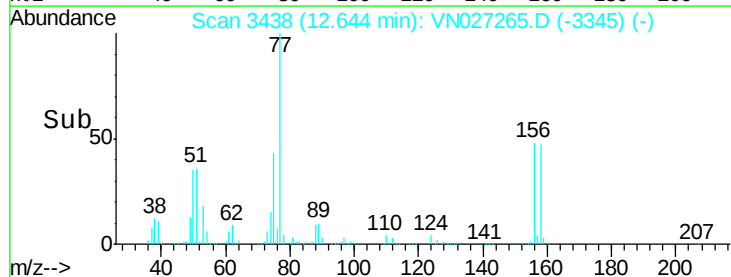
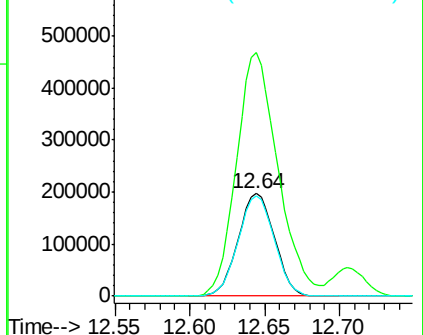
158 96.9 48.0 144.2

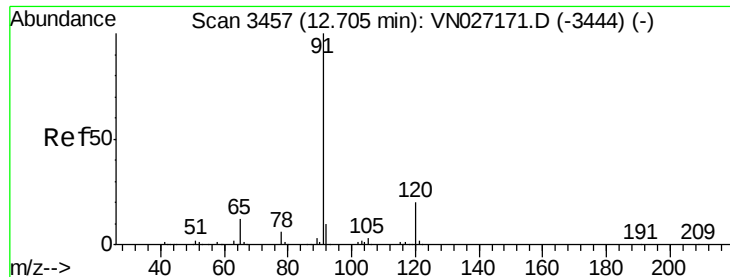


Abundance Ion 155.80 (155.50 to 156.50): VN027171.D (-3424) (-)

Ion 77.00 (76.70 to 77.70): VN027171.D (-3424) (-)

Ion 157.80 (157.50 to 158.50): VN027171.D (-3424) (-)





#79

n-propylbenzene

Concen: 46.79 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

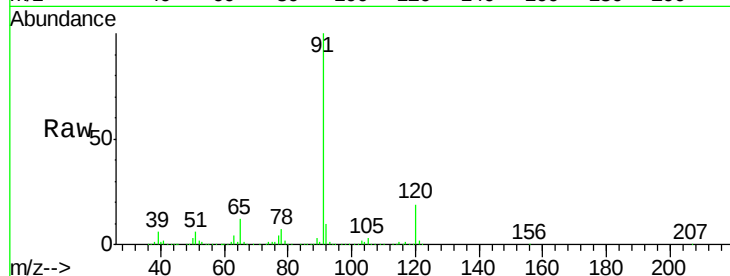
MW-12-9-15-15MSD

Tgt Ion: 91 Resp: 2011741

Ion Ratio Lower Upper

91 100

120 19.4 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

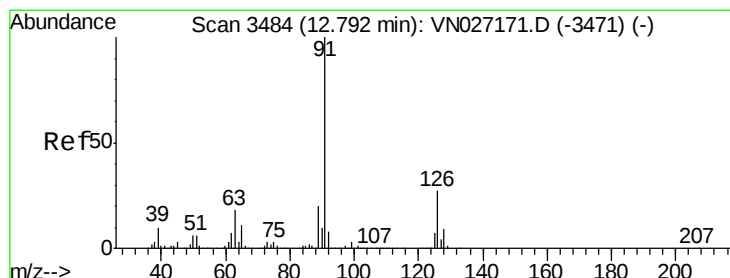
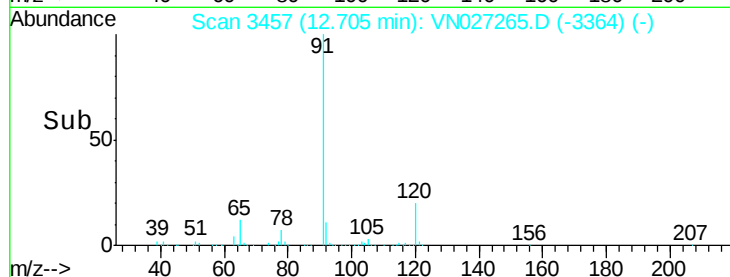
12.71

1000000

500000

0

Time-->



#80

2-Chlorotoluene

Concen: 46.73 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027265.D

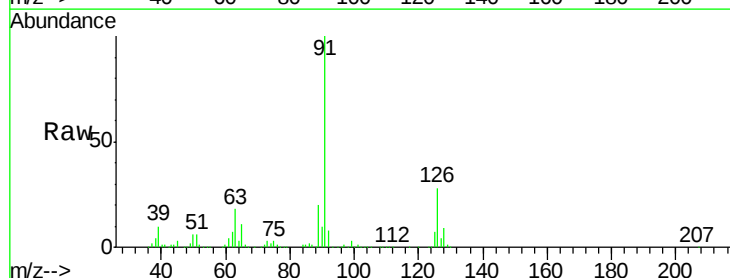
Acq: 17 Sep 2015 19:49

Tgt Ion: 91 Resp: 1206535

Ion Ratio Lower Upper

91 100

126 27.8 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.79

1200000

1000000

800000

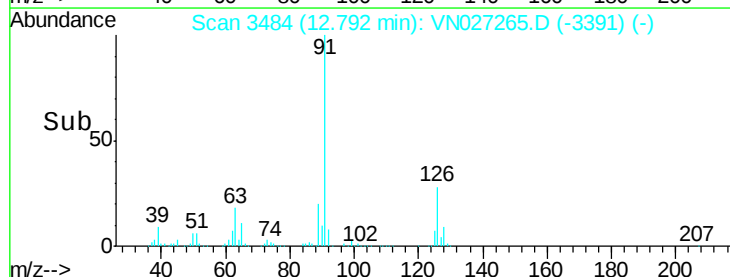
600000

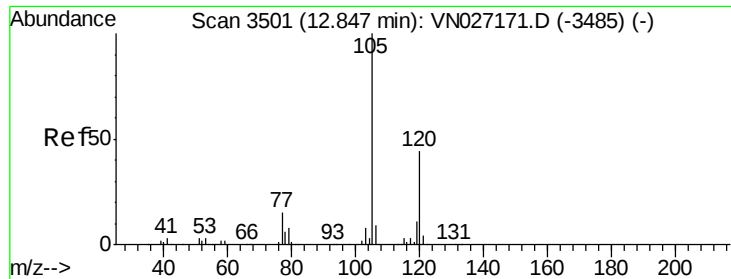
400000

200000

0

Time-->

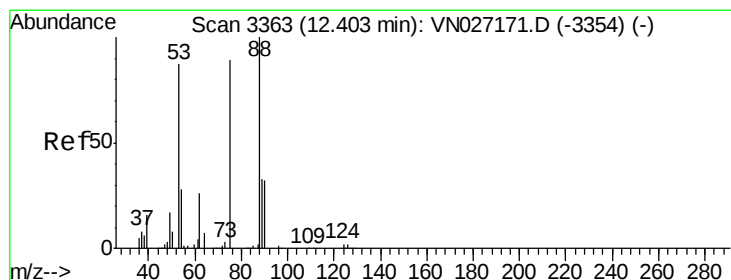
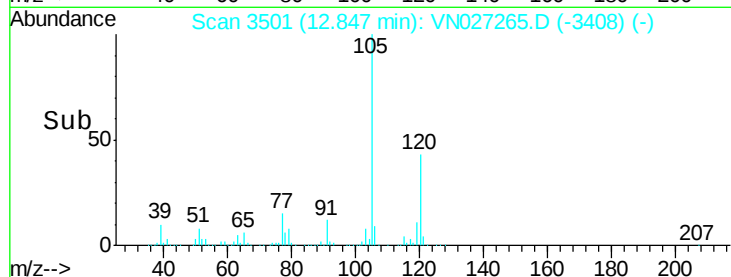
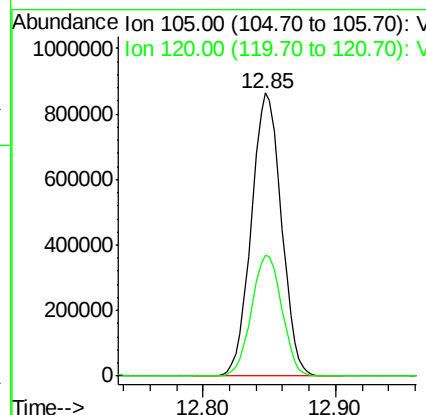
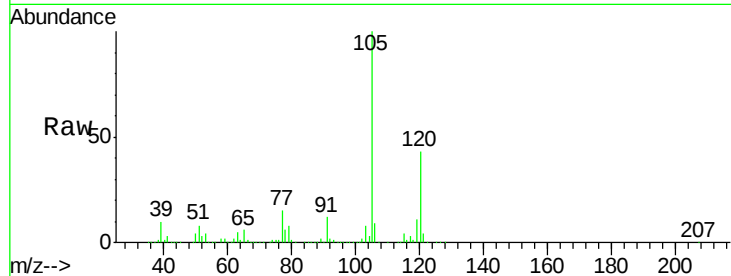




#81  
 1,3,5-Trimethylbenzene  
 Concen: 46.39 ug/l  
 RT: 12.85 min Scan# 3501  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

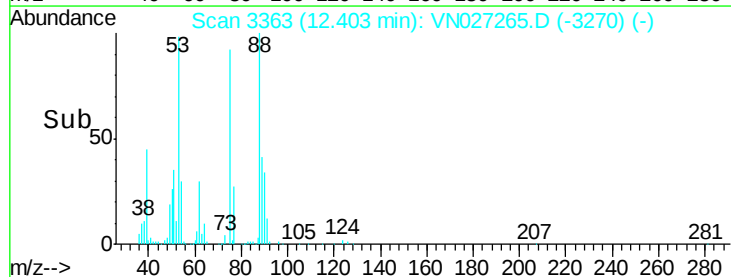
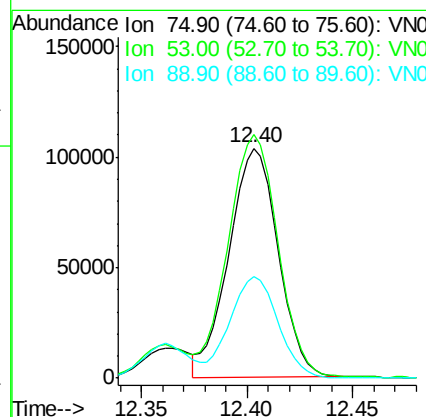
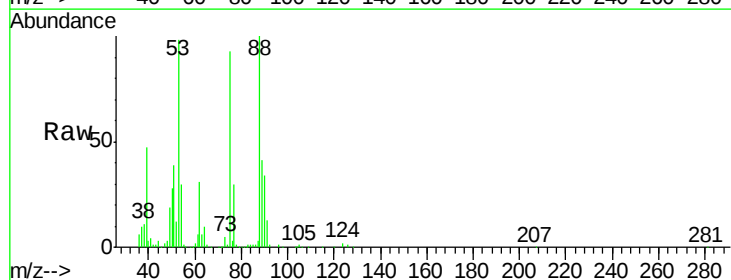
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

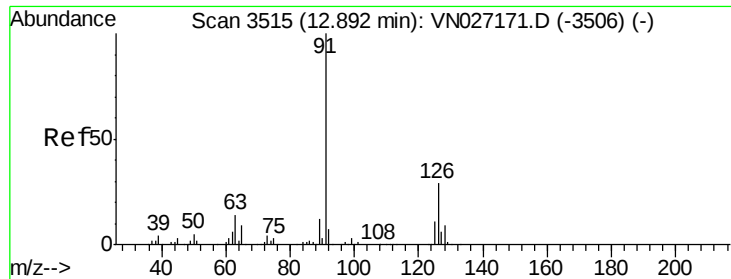
Tgt Ion:105 Resp: 1361979  
 Ion Ratio Lower Upper  
 105 100  
 120 43.1 23.4 70.0



#82  
 trans-1,4-Dichloro-2-butene  
 Concen: 41.19 ug/l  
 RT: 12.40 min Scan# 3363  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Tgt Ion: 75 Resp: 168057  
 Ion Ratio Lower Upper  
 75 100  
 53 107.1 92.9 139.3  
 89 44.0 34.2 51.4





#83

4-Chlorotoluene

Concen: 47.16 ug/l

RT: 12.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

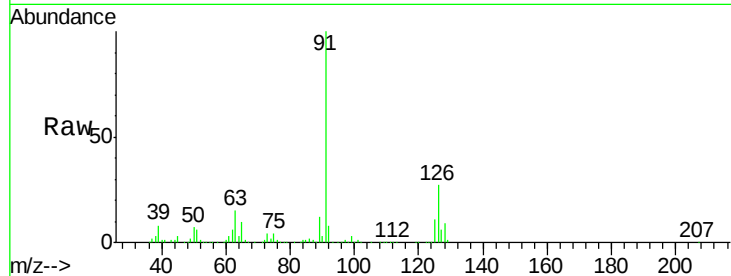
MW-12-9-15-15MSD

Tgt Ion: 91 Resp: 1196183

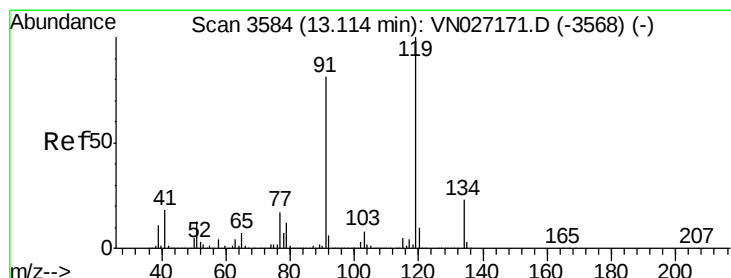
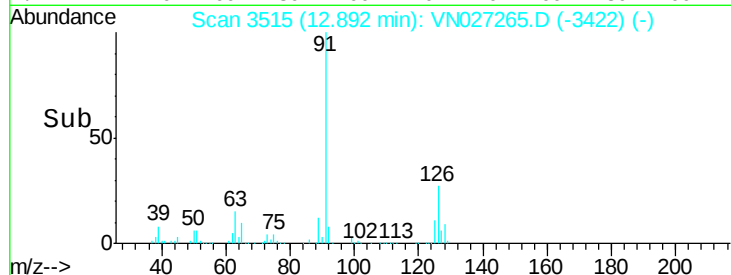
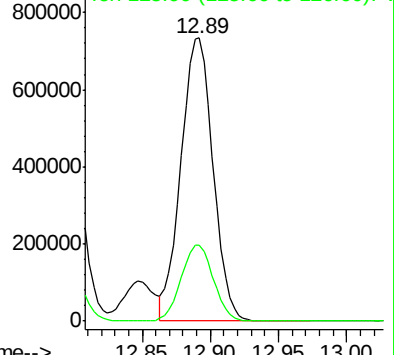
Ion Ratio Lower Upper

91 100

126 27.2 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VN027171.D (-3506) (-)



#84

tert-Butylbenzene

Concen: 44.92 ug/l

RT: 13.11 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

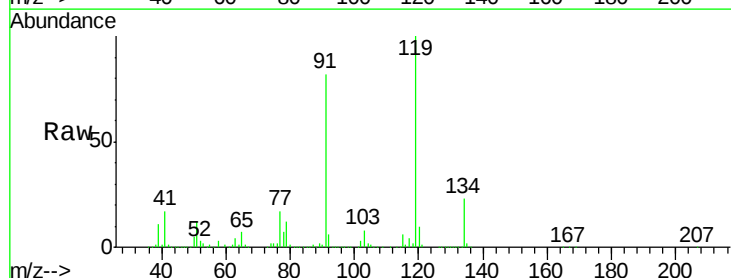
Tgt Ion: 119 Resp: 1088153

Ion Ratio Lower Upper

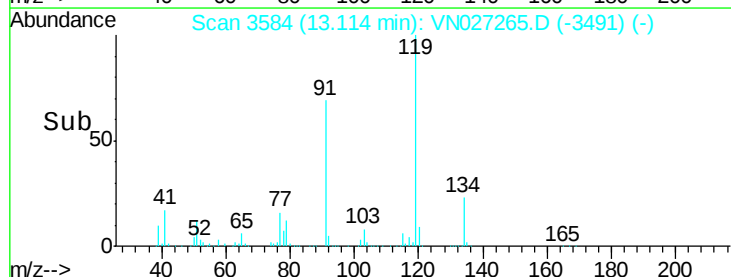
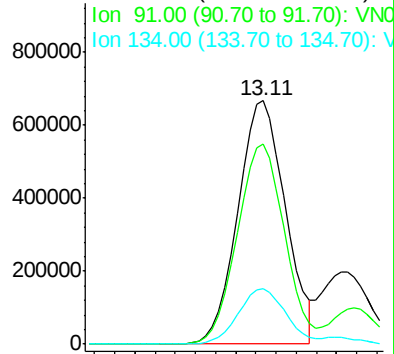
119 100

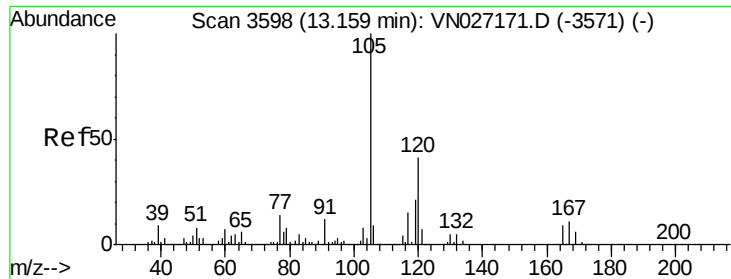
91 81.5 34.6 103.8

134 22.7 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): VN027171.D (-3568) (-)

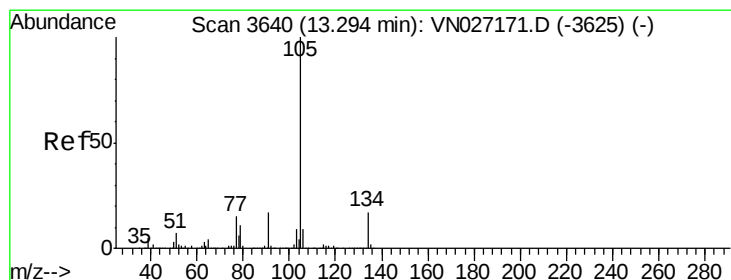
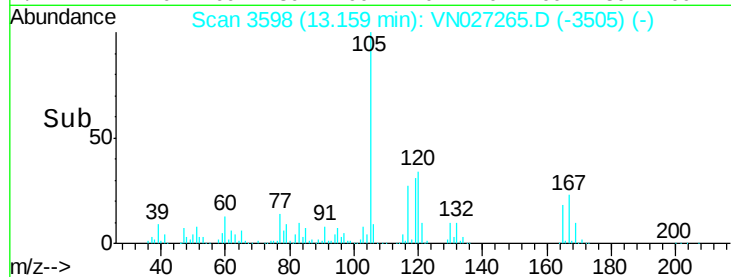
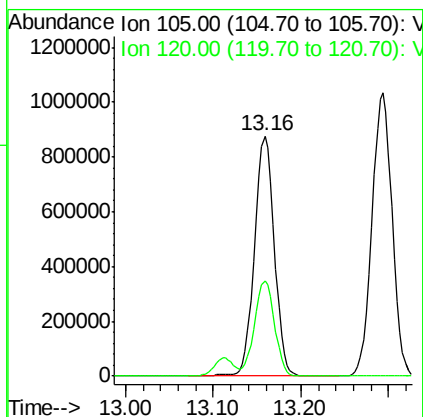
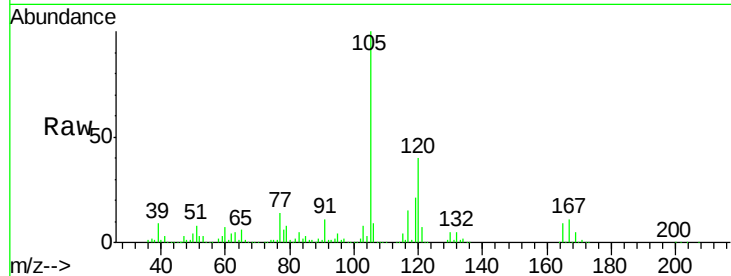




#85  
 1,2,4-Trimethylbenzene  
 Concen: 46.92 ug/l  
 RT: 13.16 min Scan# 3598  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

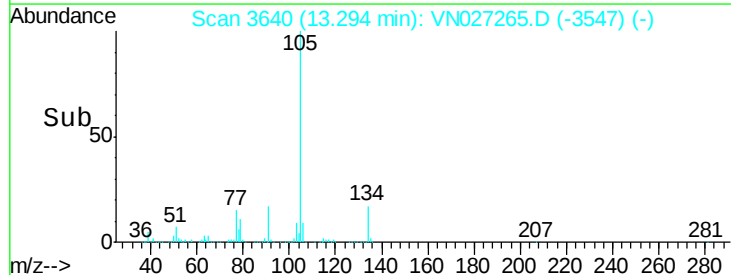
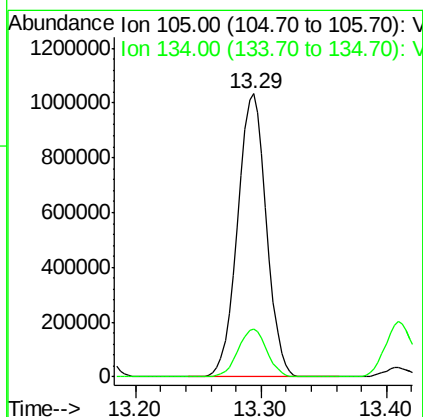
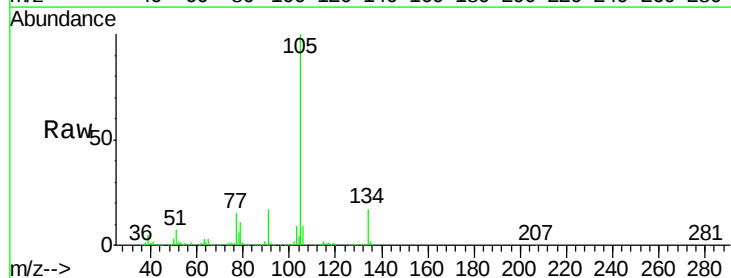
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

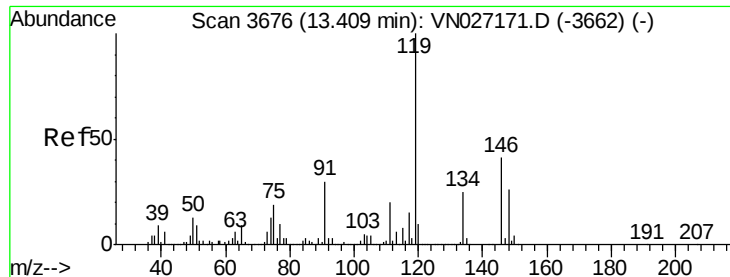
Tgt Ion:105 Resp: 1383716  
 Ion Ratio Lower Upper  
 105 100  
 120 40.0 21.9 65.5



#86  
 sec-Butylbenzene  
 Concen: 46.22 ug/l  
 RT: 13.29 min Scan# 3640  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Tgt Ion:105 Resp: 1640330  
 Ion Ratio Lower Upper  
 105 100  
 134 17.1 8.8 26.4

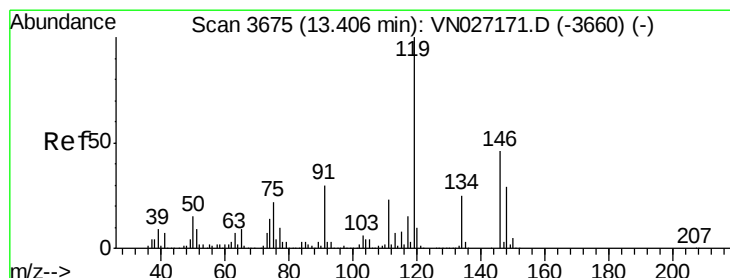
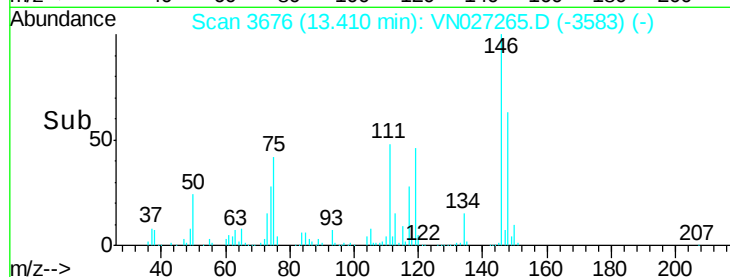
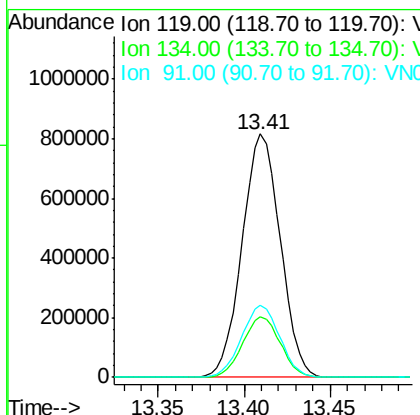
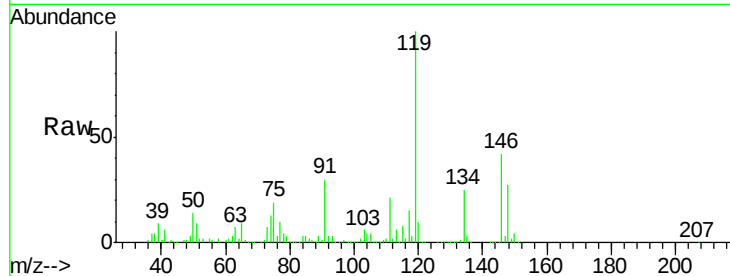




#87  
 p-Isopropyltoluene  
 Concen: 45.84 ug/l  
 RT: 13.41 min Scan# 3676  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

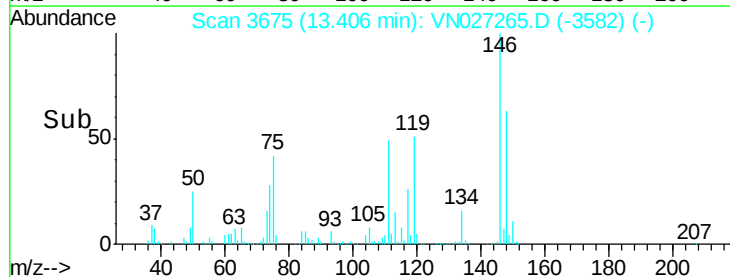
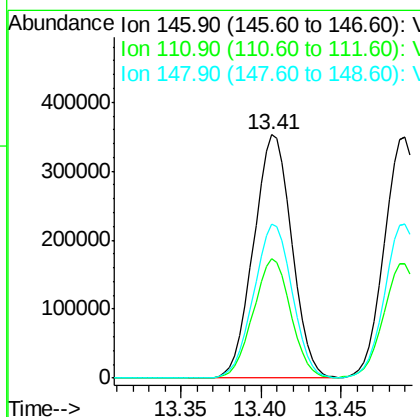
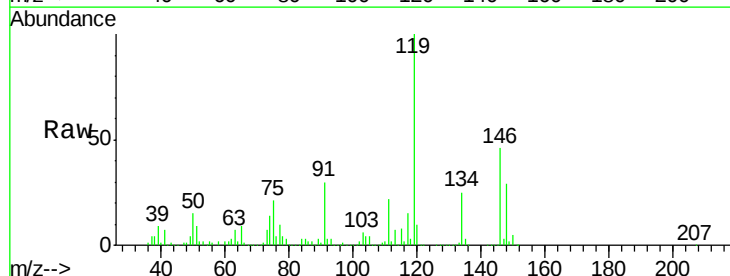
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

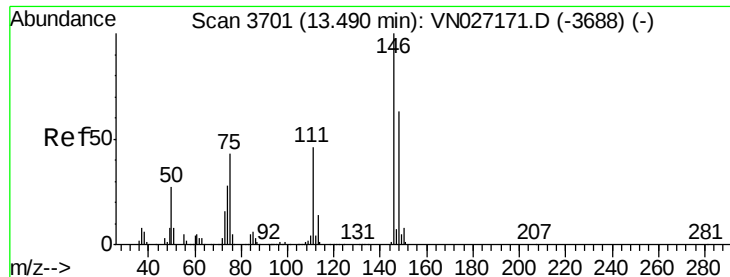
Tgt Ion:119 Resp: 1253004  
 Ion Ratio Lower Upper  
 119 100  
 134 24.7 12.4 37.0  
 91 29.5 12.0 36.1



#88  
 1,3-Dichlorobenzene  
 Concen: 47.25 ug/l  
 RT: 13.41 min Scan# 3675  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Tgt Ion:146 Resp: 579374  
 Ion Ratio Lower Upper  
 146 100  
 111 48.1 21.0 63.0  
 148 63.6 31.9 95.9

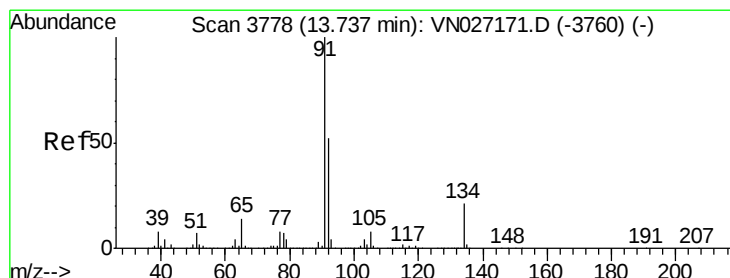
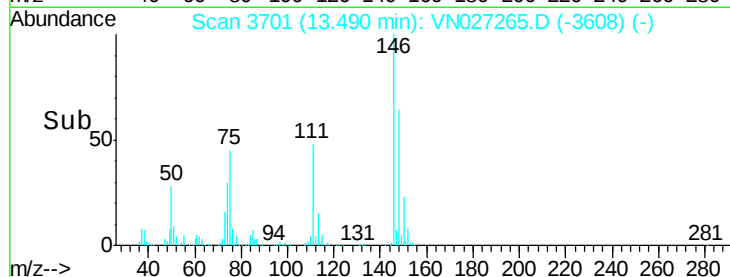
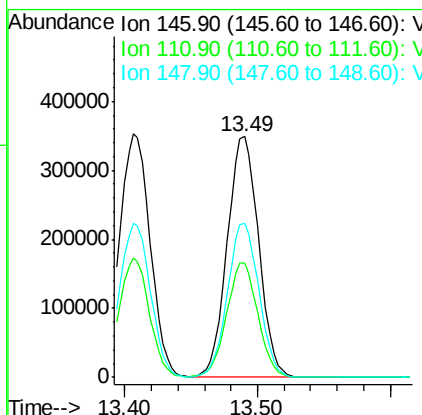
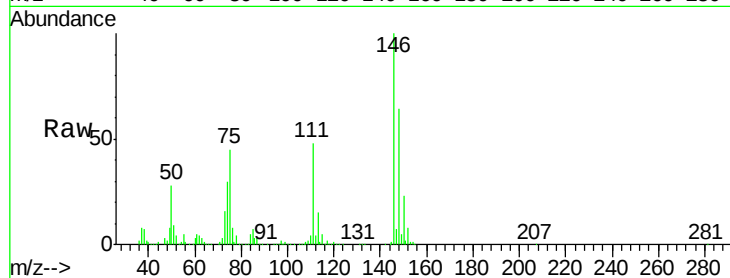




#89  
 1,4-Dichlorobenzene  
 Concen: 46.16 ug/l  
 RT: 13.49 min Scan# 3701  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

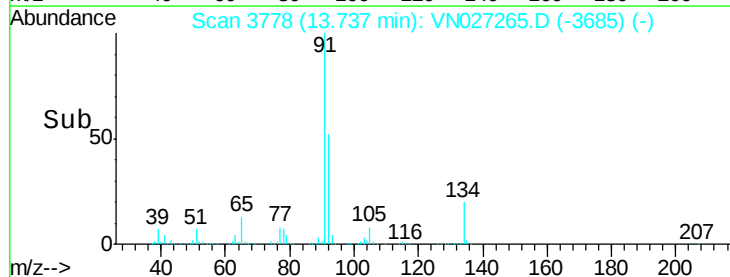
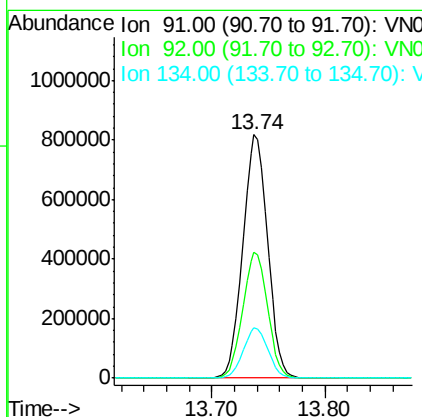
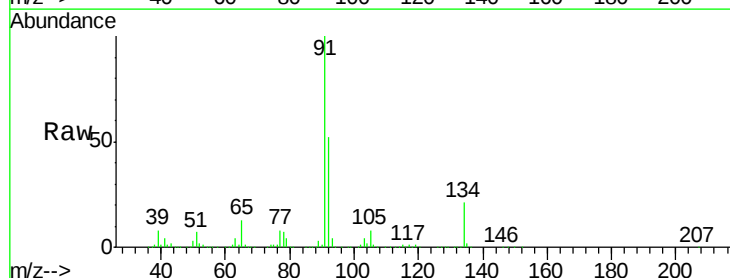
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

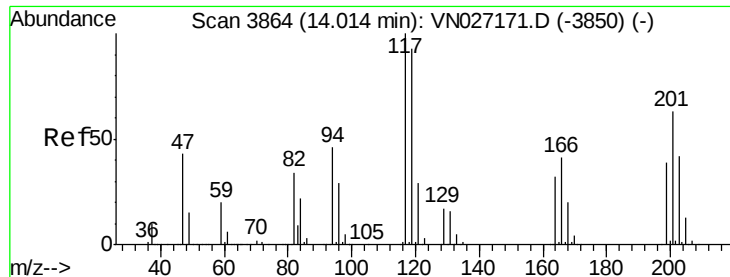
Tgt Ion:146 Resp: 573313  
 Ion Ratio Lower Upper  
 146 100  
 111 47.2 19.9 59.6  
 148 63.9 31.7 95.1



#90  
 n-Butylbenzene  
 Concen: 47.08 ug/l  
 RT: 13.74 min Scan# 3778  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Tgt Ion: 91 Resp: 1248605  
 Ion Ratio Lower Upper  
 91 100  
 92 51.7 26.1 78.2  
 134 20.5 11.1 33.1





#91

Hexachloroethane

Concen: 44.33 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

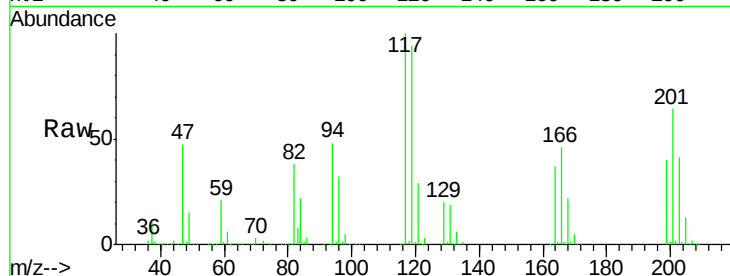
MW-12-9-15-15MSD

Tgt Ion:117 Resp: 265130

Ion Ratio Lower Upper

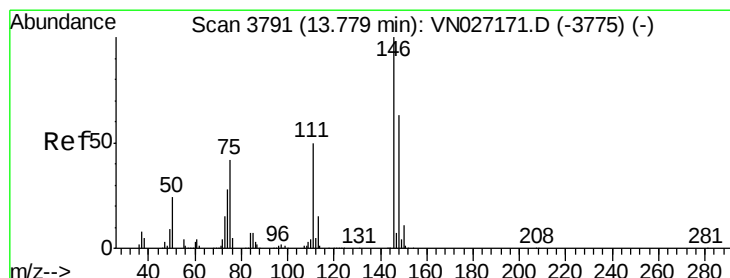
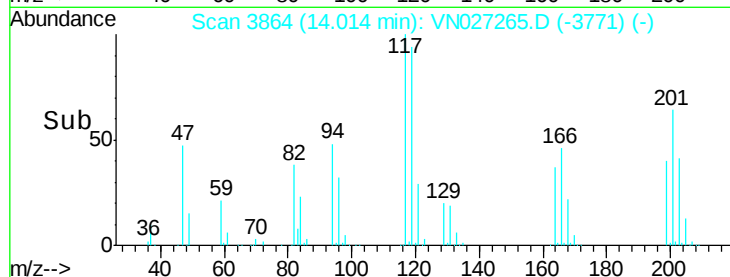
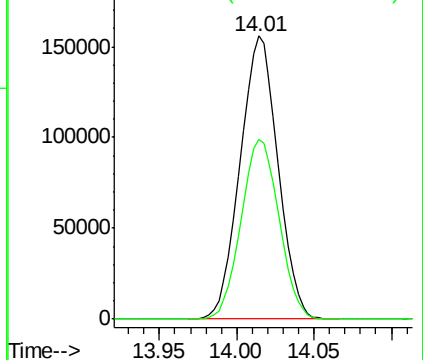
117 100

201 63.6 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 47.59 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

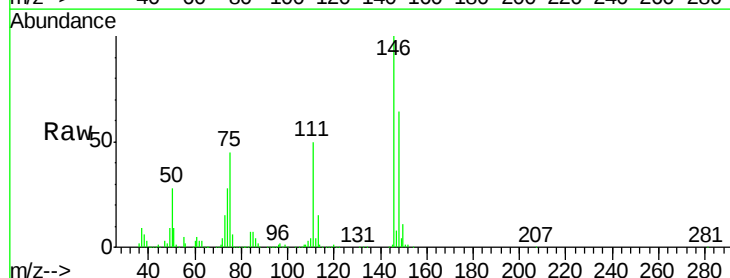
Tgt Ion:146 Resp: 576789

Ion Ratio Lower Upper

146 100

111 49.4 22.1 66.3

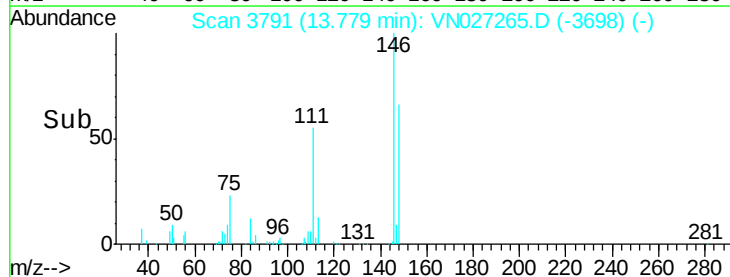
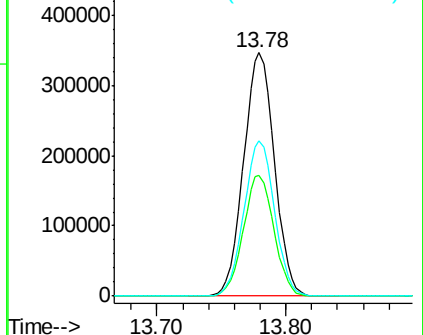
148 63.3 32.0 96.0

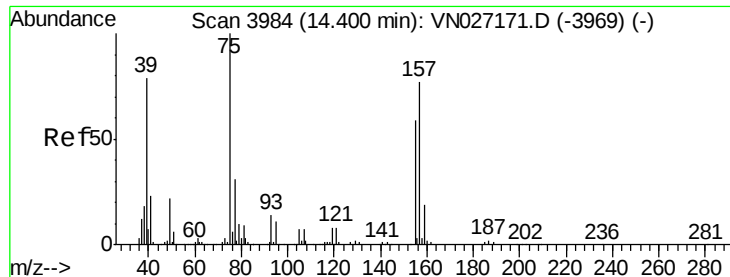


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2-Dibromo-3-Chloropropane

Concen: 48.74 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

MW-12-9-15-15MSD

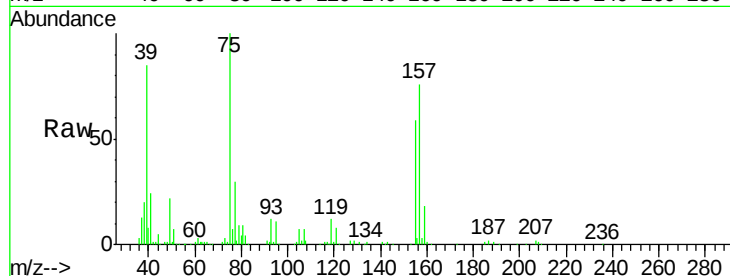
Tgt Ion: 75 Resp: 101804

Ion Ratio Lower Upper

75 100

155 58.3 35.6 106.9

157 74.2 44.6 133.8

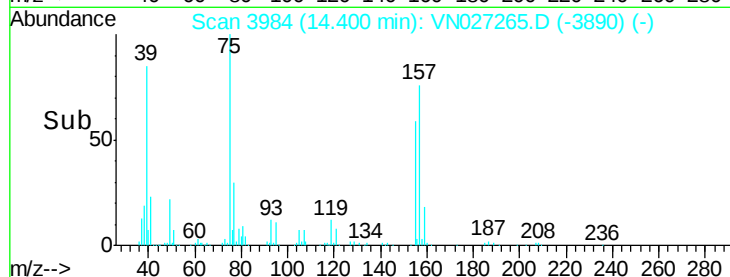


Abundance Ion 74.90 (74.60 to 75.60): VN027265.D (-3890) (-)

Ion 154.80 (154.50 to 155.50): VN027265.D (-3890) (-)

Ion 156.80 (156.50 to 157.50): VN027265.D (-3890) (-)

Time--> 14.30 14.35 14.40 14.45

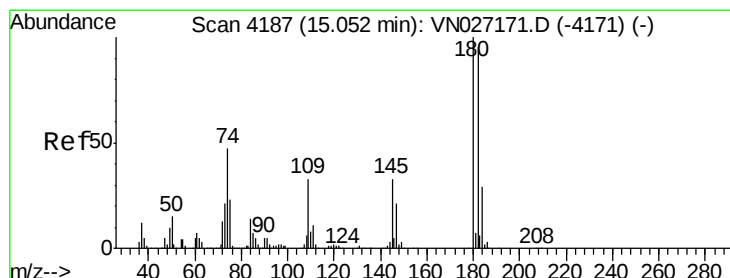


Abundance Ion 74.90 (74.60 to 75.60): VN027265.D (-3890) (-)

Ion 154.80 (154.50 to 155.50): VN027265.D (-3890) (-)

Ion 156.80 (156.50 to 157.50): VN027265.D (-3890) (-)

Time--> 14.30 14.35 14.40 14.45



#94

1,2,4-Trichlorobenzene

Concen: 48.17 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

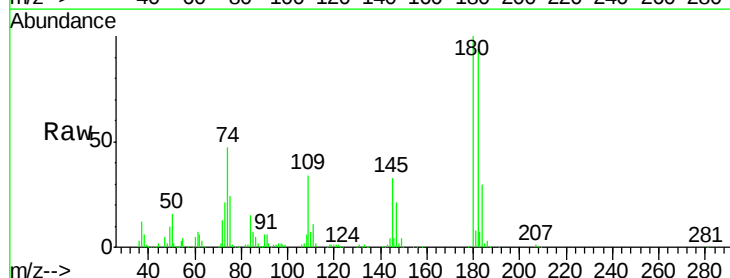
Tgt Ion: 180 Resp: 315358

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.5

145 33.1 15.1 45.3

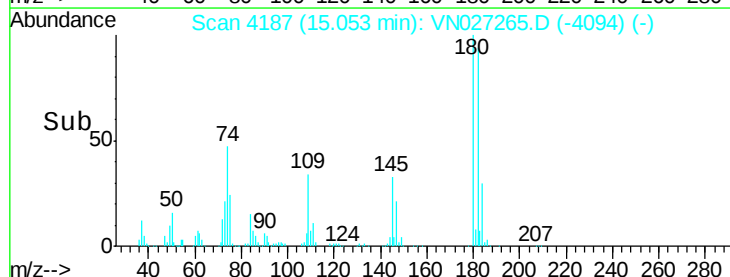


Abundance Ion 179.80 (179.50 to 180.50): VN027265.D (-4094) (-)

Ion 181.80 (181.50 to 182.50): VN027265.D (-4094) (-)

Ion 144.80 (144.50 to 145.50): VN027265.D (-4094) (-)

Time--> 15.00 15.05 15.10

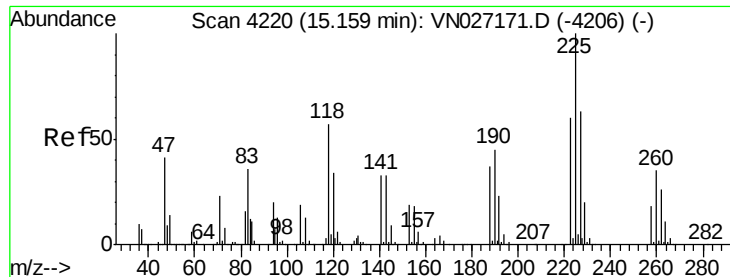


Abundance Ion 179.80 (179.50 to 180.50): VN027265.D (-4094) (-)

Ion 181.80 (181.50 to 182.50): VN027265.D (-4094) (-)

Ion 144.80 (144.50 to 145.50): VN027265.D (-4094) (-)

Time--> 15.00 15.05 15.10



#95

Hexachlorobutadiene

Concen: 45.08 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

Instrument :

MSVOA\_N

ClientSampleId :

MW-12-9-15-15MSD

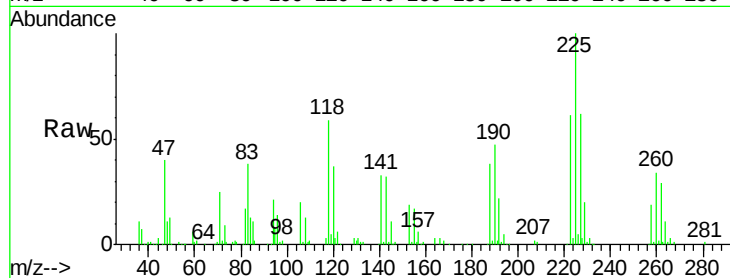
Tgt Ion:225 Resp: 155423

Ion Ratio Lower Upper

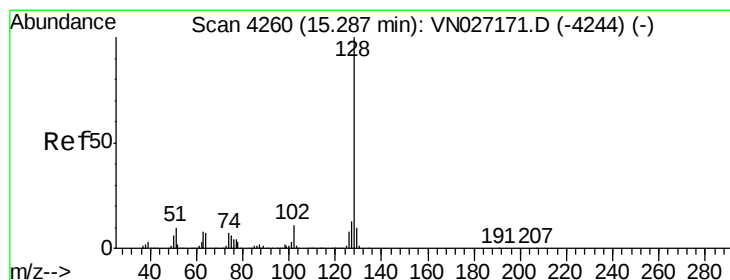
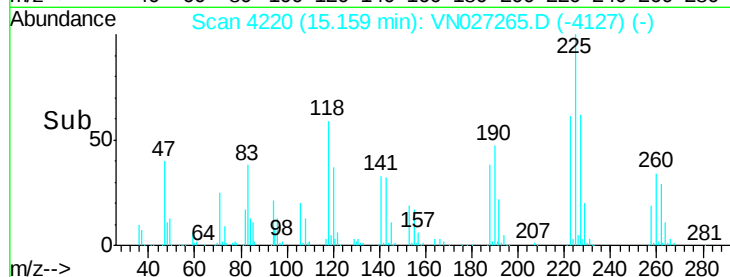
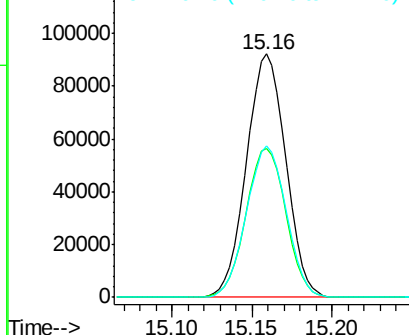
225 100

223 62.1 30.8 92.3

227 63.0 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 48.90 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027265.D

Acq: 17 Sep 2015 19:49

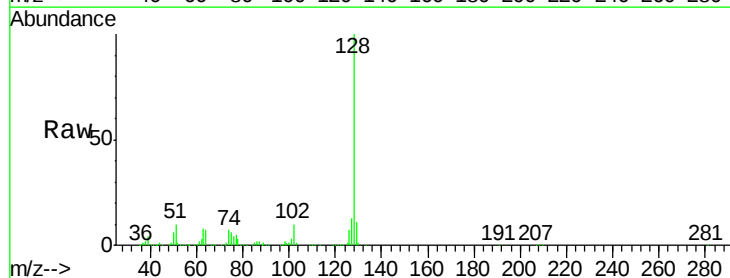
Tgt Ion:128 Resp: 938415

Ion Ratio Lower Upper

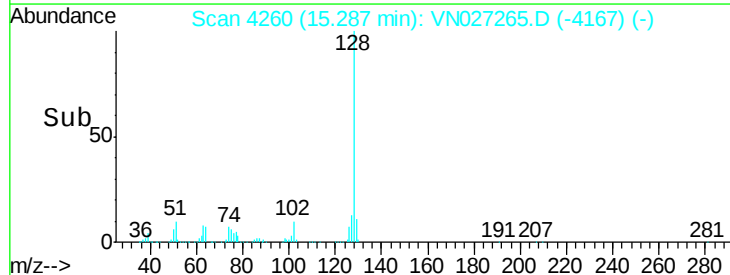
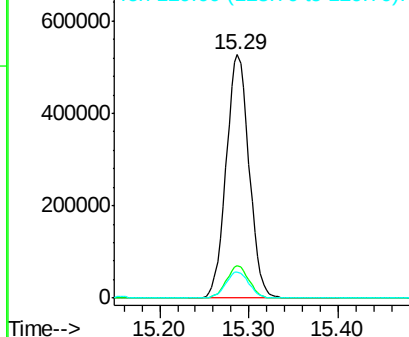
128 100

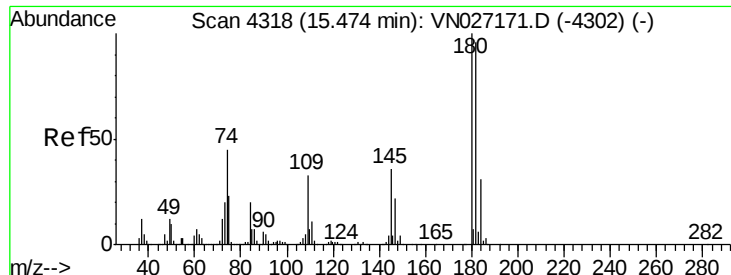
127 13.1 10.4 15.6

129 10.9 8.6 12.8



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

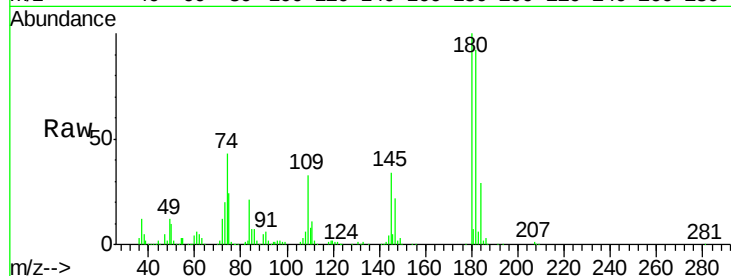




#97  
 1,2,3-Trichlorobenzene  
 Concen: 48.44 ug/l  
 RT: 15.47 min Scan# 4318  
 Delta R.T. 0.00 min  
 Lab File: VN027265.D  
 Acq: 17 Sep 2015 19:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12-9-15-15MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.1  | 48.8  | 146.4 |
| 145     | 34.2  | 16.6  | 49.8  |



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

