

Data Path : W:\HPCHEM1\MSVOA\_N\DATA\VN092115\  
 Data File : VN027327.D  
 Acq On : 21 Sep 2015 11:14  
 Operator : MD\FY  
 Sample : VSTDIC020  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

Quant Time: Sep 21 12:11:28 2015  
 Quant Method : W:\HPCHEM1\MSVOA\_N\METHODS\82N092115W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 21 12:10:35 2015  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.75  | 168  | 565357   | 50.00 | ug/l  | 0.00     |
| 35) 1,4-Difluorobenzene    | 8.68  | 114  | 1069552  | 50.00 | ug/l  | 0.00     |
| 64) Chlorobenzene-d5       | 11.52 | 117  | 913490   | 50.00 | ug/l  | 0.00     |
| 73) 1,4-Dichlorobenzene-d4 | 13.47 | 152  | 338402   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 34) 1,2-Dichloroethane-d4 | 8.12   | 65  | 240885   | 20.79 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 41.58% |      |
| 36) Dibromofluoromethane  | 7.68   | 113 | 152620   | 20.59 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 41.18% |      |
| 51) Toluene-d8            | 10.19  | 98  | 582071   | 20.05 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 40.10% |      |
| 63) 4-Bromofluorobenzene  | 12.52  | 95  | 207480   | 20.14 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 40.28% |      |

## Target Compounds

|                                |      |     |         |        |        | Qvalue |
|--------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.80 | 85  | 118148  | 17.46  | ug/l   | 96     |
| 3) Chlorodifluoromethane       | 1.82 | 51  | 151065  | 19.30  | ug/l # | 92     |
| 4) Chloromethane               | 2.01 | 50  | 131921  | 18.13  | ug/l   | 99     |
| 5) Vinyl Chloride              | 2.14 | 62  | 151144  | 18.92  | ug/l   | 98     |
| 6) Bromomethane                | 2.55 | 94  | 57438   | 15.78  | ug/l   | 92     |
| 7) Chloroethane                | 2.69 | 64  | 94651   | 17.43  | ug/l   | 97     |
| 8) Trichlorofluoromethane      | 3.02 | 101 | 219078  | 18.15  | ug/l   | 97     |
| 9) Diethyl Ether               | 3.42 | 74  | 98641   | 17.76  | ug/l   | 88     |
| 10) 1,1,2-Trichlorotrifluoroet | 3.79 | 101 | 139220  | 18.37  | ug/l   | 96     |
| 11) Methyl Iodide              | 3.99 | 142 | 86955   | 11.80  | ug/l # | 89     |
| 12) Tert butyl alcohol         | 4.80 | 59  | 94914   | 83.79  | ug/l   | 97     |
| 13) 1,1-Dichloroethene         | 3.77 | 96  | 130473  | 17.97  | ug/l   | 95     |
| 14) Acrolein                   | 3.62 | 56  | 117574  | 88.36  | ug/l   | 95     |
| 15) Allyl chloride             | 4.37 | 41  | 251932  | 17.18  | ug/l # | 83     |
| 16) Acrylonitrile              | 5.03 | 53  | 325501  | 87.87  | ug/l   | 99     |
| 17) Acetone                    | 3.83 | 43  | 321665  | 102.99 | ug/l   | 98     |
| 18) Carbon Disulfide           | 4.11 | 76  | 385266  | 16.30  | ug/l   | 100    |
| 19) Methyl Acetate             | 4.36 | 43  | 404755  | 17.89  | ug/l   | 95     |
| 20) Methyl tert-butyl Ether    | 5.12 | 73  | 530293  | 18.20  | ug/l   | 96     |
| 21) Methylene Chloride         | 4.60 | 84  | 158172  | 18.18  | ug/l   | 96     |
| 22) trans-1,2-Dichloroethene   | 5.12 | 96  | 141875  | 18.07  | ug/l   | 98     |
| 23) Diisopropyl ether          | 6.04 | 45  | 548323  | 17.82  | ug/l # | 87     |
| 24) Vinyl Acetate              | 5.97 | 43  | 1202741 | 118.13 | ug/l   | 98     |
| 25) 1,1-Dichloroethane         | 5.93 | 63  | 320013  | 17.91  | ug/l   | 99     |
| 26) 2-Butanone                 | 6.91 | 43  | 435970  | 92.70  | ug/l   | 96     |
| 27) 2,2-Dichloropropane        | 6.92 | 77  | 286620  | 18.49  | ug/l   | 94     |
| 28) cis-1,2-Dichloroethene     | 6.92 | 96  | 169137  | 18.78  | ug/l   | 96     |
| 29) Bromochloromethane         | 7.29 | 49  | 147496  | 21.26  | ug/l   | 98     |
| 30) Tetrahydrofuran            | 7.32 | 42  | 259880  | 80.18  | ug/l # | 87     |
| 31) Chloroform                 | 7.46 | 83  | 305119  | 18.90  | ug/l   | 95     |
| 32) Cyclohexane                | 7.77 | 56  | 303968  | 18.52  | ug/l # | 90     |
| 33) 1,1,1-Trichloroethane      | 7.67 | 97  | 265634  | 18.45  | ug/l   | 97     |
| 37) 1,1-Dichloropropene        | 7.89 | 75  | 224331  | 17.92  | ug/l   | 100    |
| 38) Ethyl Acetate              | 7.02 | 43  | 189370  | 17.09  | ug/l   | 98     |

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 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

Quant Time: Sep 21 12:11:28 2015  
 Quant Method : W:\HPCHEM1\MSVOA\_N\METHODS\82N092115W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 21 12:10:35 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Carbon Tetrachloride       | 7.88  | 117  | 214254   | 18.20  | ug/l   | 100      |
| 40) Methylcyclohexane          | 9.19  | 83   | 266516   | 17.48  | ug/l   | 97       |
| 41) Benzene                    | 8.14  | 78   | 666482   | 18.24  | ug/l   | 99       |
| 42) Methacrylonitrile          | 7.24  | 41   | 104019   | 17.19  | ug/l # | 87       |
| 43) 1,2-Dichloroethane         | 8.22  | 62   | 266140   | 18.08  | ug/l   | 96       |
| 44) Isopropyl Acetate          | 8.25  | 43   | 340813   | 17.03  | ug/l   | 97       |
| 45) Trichloroethene            | 8.94  | 130  | 131496   | 17.92  | ug/l   | 89       |
| 46) 1,2-Dichloropropane        | 9.22  | 63   | 187564   | 17.85  | ug/l   | 100      |
| 47) Dibromomethane             | 9.31  | 93   | 110391   | 17.89  | ug/l   | 94       |
| 48) Bromodichloromethane       | 9.50  | 83   | 235642   | 18.12  | ug/l   | 98       |
| 49) Methyl methacrylate        | 9.29  | 41   | 163240   | 16.38  | ug/l # | 85       |
| 50) 1,4-Dioxane                | 9.30  | 88   | 39733    | 339.86 | ug/l   | 98       |
| 52) 4-Methyl-2-Pentanone       | 10.07 | 43   | 918211   | 86.80  | ug/l   | 98       |
| 53) Toluene                    | 10.26 | 92   | 389315   | 18.19  | ug/l   | 98       |
| 54) t-1,3-Dichloropropene      | 10.47 | 75   | 252527   | 17.29  | ug/l   | 99       |
| 55) cis-1,3-Dichloropropene    | 9.93  | 75   | 275656   | 17.35  | ug/l   | 92       |
| 56) 1,1,2-Trichloroethane      | 10.66 | 97   | 148363   | 18.45  | ug/l   | 99       |
| 57) Ethyl methacrylate         | 10.52 | 69   | 236049   | 17.42  | ug/l # | 91       |
| 58) 1,3-Dichloropropane        | 10.81 | 76   | 270752   | 18.14  | ug/l   | 97       |
| 59) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 542865   | 87.24  | ug/l   | 98       |
| 60) 2-Hexanone                 | 10.84 | 43   | 628492   | 87.26  | ug/l   | 99       |
| 61) Dibromochloromethane       | 11.00 | 129  | 145307   | 17.69  | ug/l   | 98       |
| 62) 1,2-Dibromoethane          | 11.11 | 107  | 139892   | 17.70  | ug/l   | 100      |
| 65) Tetrachloroethene          | 10.74 | 164  | 104242   | 17.84  | ug/l   | 93       |
| 66) Chlorobenzene              | 11.54 | 112  | 385610   | 17.88  | ug/l   | 99       |
| 67) 1,1,1,2-Tetrachloroethane  | 11.62 | 131  | 130558   | 17.75  | ug/l   | 98       |
| 68) Ethyl Benzene              | 11.62 | 91   | 722769   | 17.67  | ug/l   | 100      |
| 69) m/p-Xylenes                | 11.73 | 106  | 503282   | 35.67  | ug/l   | 91       |
| 70) o-Xylene                   | 12.06 | 106  | 251472   | 17.78  | ug/l   | 89       |
| 71) Styrene                    | 12.08 | 104  | 407502   | 17.85  | ug/l   | 95       |
| 72) Bromoform                  | 12.24 | 173  | 88476    | 17.29  | ug/l # | 98       |
| 74) Isopropylbenzene           | 12.36 | 105  | 679591   | 18.22  | ug/l   | 99       |
| 75) N-amyl acetate             | 12.17 | 43   | 277235   | 16.66  | ug/l   | 99       |
| 76) 1,1,2,2-Tetrachloroethane  | 12.61 | 83   | 194700   | 18.02  | ug/l   | 98       |
| 77) 1,2,3-Trichloropropane     | 12.66 | 75   | 274221   | 26.81  | ug/l   | 52       |
| 78) Bromobenzene               | 12.64 | 156  | 131728   | 18.01  | ug/l   | 92       |
| 79) n-propylbenzene            | 12.71 | 91   | 802559   | 18.29  | ug/l   | 98       |
| 80) 2-Chlorotoluene            | 12.79 | 91   | 492872   | 18.71  | ug/l   | 95       |
| 81) 1,3,5-Trimethylbenzene     | 12.85 | 105  | 546232   | 18.23  | ug/l   | 94       |
| 82) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 67211    | 16.14  | ug/l   | 94       |
| 83) 4-Chlorotoluene            | 12.89 | 91   | 479341   | 18.52  | ug/l   | 96       |
| 84) tert-Butylbenzene          | 13.11 | 119  | 438704   | 17.75  | ug/l   | 89       |
| 85) 1,2,4-Trimethylbenzene     | 13.16 | 105  | 545635   | 18.13  | ug/l   | 95       |
| 86) sec-Butylbenzene           | 13.29 | 105  | 658157   | 18.18  | ug/l   | 99       |
| 87) p-Isopropyltoluene         | 13.41 | 119  | 495495   | 17.77  | ug/l   | 95       |
| 88) 1,3-Dichlorobenzene        | 13.41 | 146  | 227757   | 18.20  | ug/l   | 96       |
| 89) 1,4-Dichlorobenzene        | 13.49 | 146  | 229302   | 18.09  | ug/l   | 95       |
| 90) n-Butylbenzene             | 13.74 | 91   | 476410   | 17.60  | ug/l   | 99       |
| 91) Hexachloroethane           | 14.01 | 117  | 105077   | 17.22  | ug/l   | 94       |
| 92) 1,2-Dichlorobenzene        | 13.78 | 146  | 231414   | 18.71  | ug/l   | 97       |

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Data File : VN027327.D  
Acq On : 21 Sep 2015 11:14  
Operator : MD\FY  
Sample : VSTDICC020  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

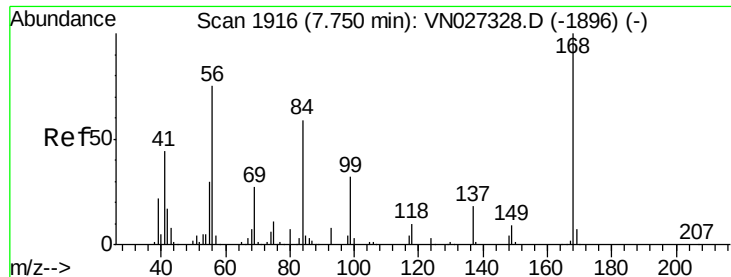
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

Quant Time: Sep 21 12:11:28 2015  
Quant Method : W:\HPCHEM1\MSVOA\_N\METHODS\82N092115W.M  
Quant Title : SW846 8260  
QLast Update : Mon Sep 21 12:10:35 2015  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2-Dibromo-3-Chloropropan | 14.40 | 75   | 36996    | 16.45 | ug/l  | 87       |
| 94) 1,2,4-Trichlorobenzene     | 15.06 | 180  | 117770   | 17.63 | ug/l  | 98       |
| 95) Hexachlorobutadiene        | 15.16 | 225  | 62434    | 17.75 | ug/l  | 99       |
| 96) Naphthalene                | 15.29 | 128  | 316790   | 16.18 | ug/l  | 99       |
| 97) 1,2,3-Trichlorobenzene     | 15.47 | 180  | 119258   | 17.96 | ug/l  | 95       |

(#) = 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: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

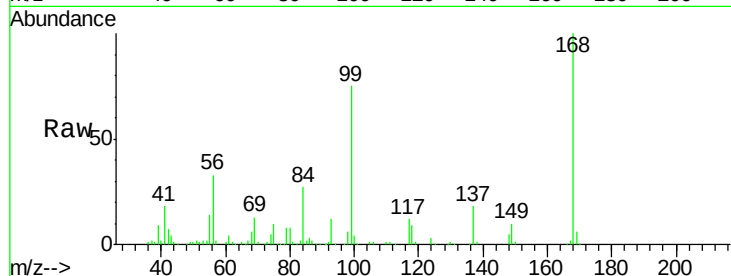
VSTDIC020

Tgt Ion:168 Resp: 565357

Ion Ratio Lower Upper

168 100

99 74.3 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

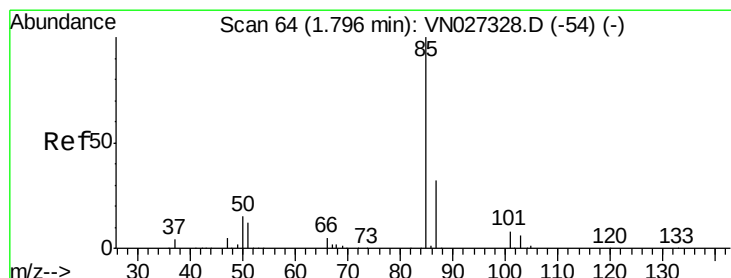
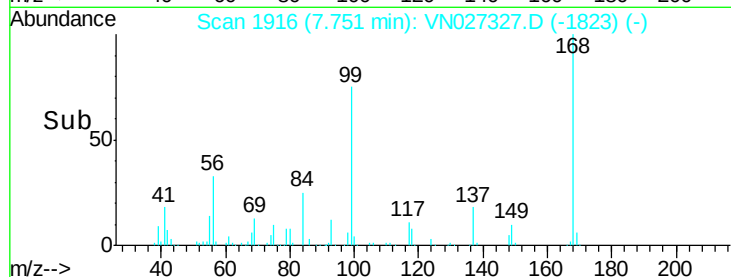
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.46 ug/l

RT: 1.80 min Scan# 64

Delta R.T. 0.00 min

Lab File: VN027327.D

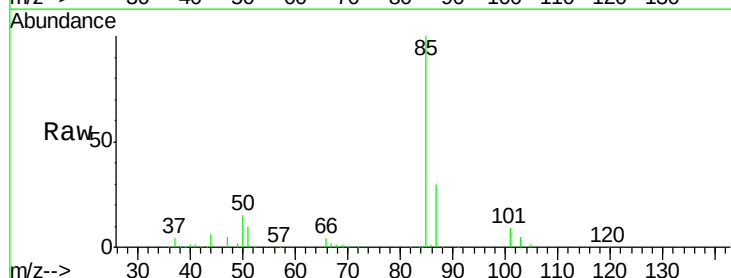
Acq: 21 Sep 2015 11:14

Tgt Ion: 85 Resp: 118148

Ion Ratio Lower Upper

85 100

87 30.0 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

100000

80000

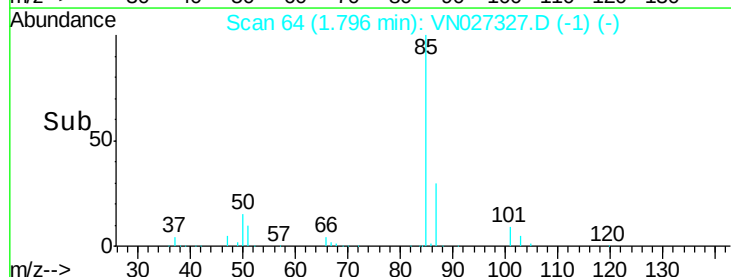
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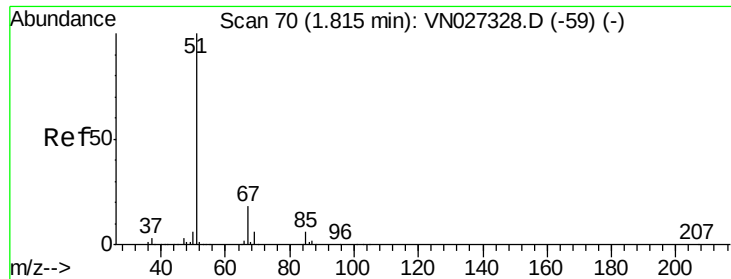
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20000

0

Time-->





#3

Chlorodifluoromethane

Concen: 19.30 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

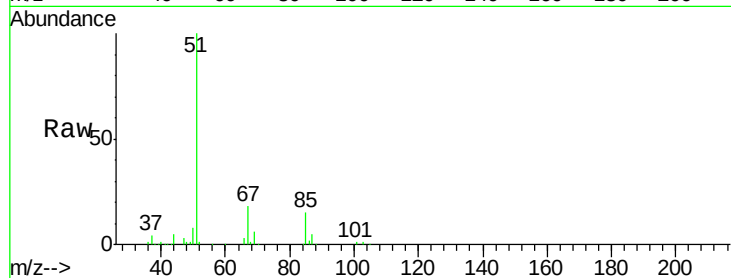
VSTDIC020

Tgt Ion: 51 Resp: 151065

Ion Ratio Lower Upper

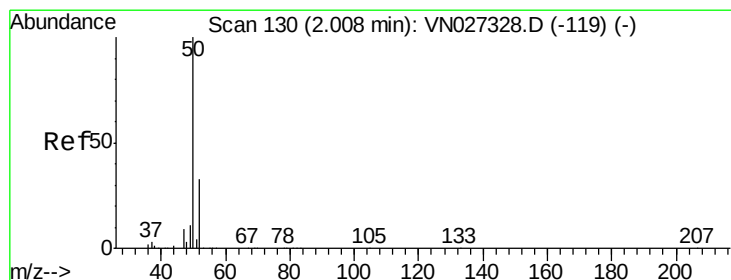
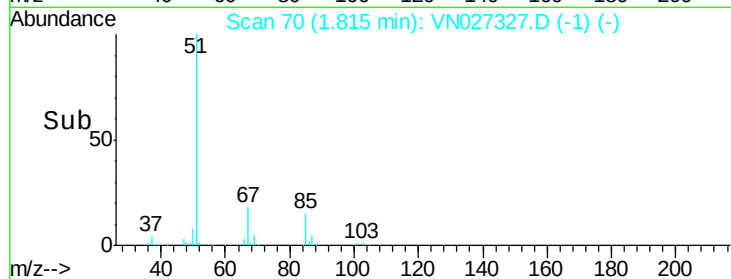
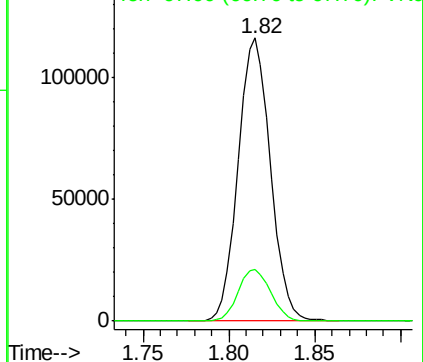
51 100

67 18.5 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: 18.13 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027327.D

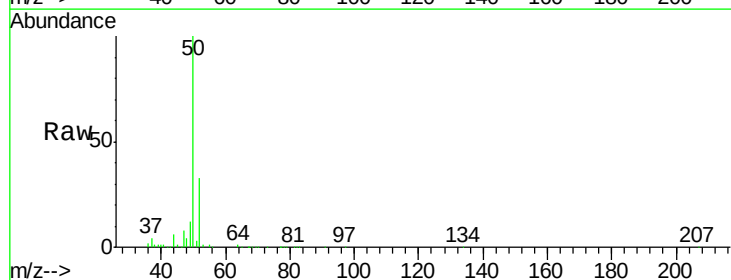
Acq: 21 Sep 2015 11:14

Tgt Ion: 50 Resp: 131921

Ion Ratio Lower Upper

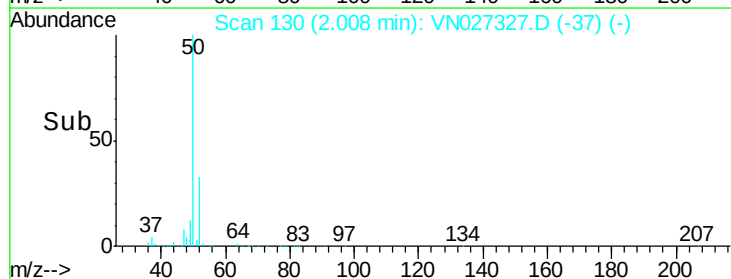
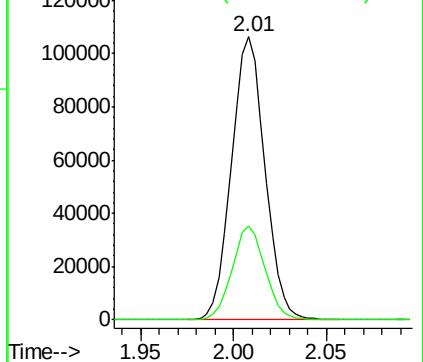
50 100

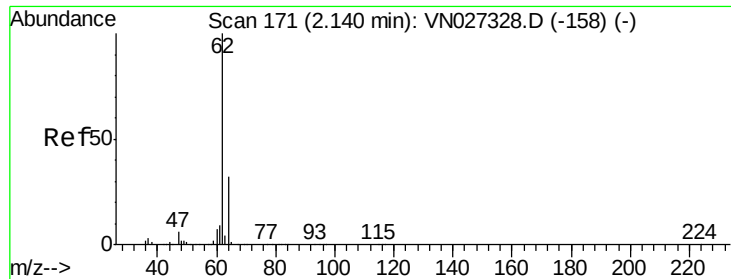
52 33.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 18.92 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

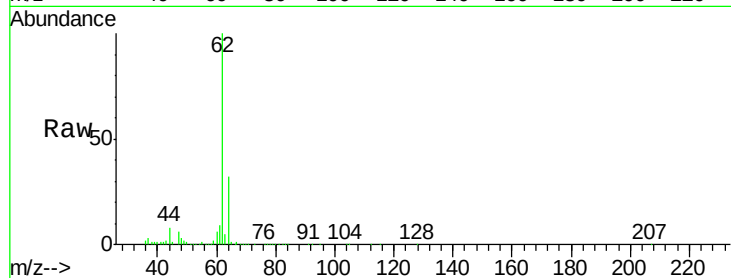
VSTDIC020

Tgt Ion: 62 Resp: 151144

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.14

120000

100000

80000

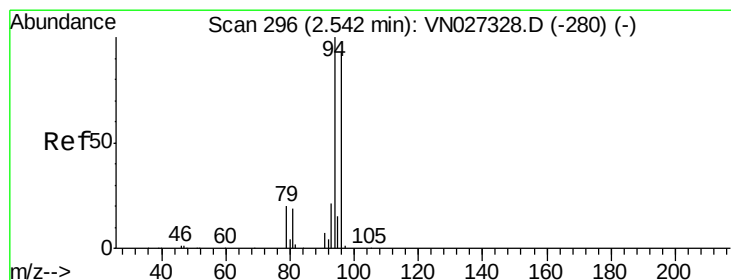
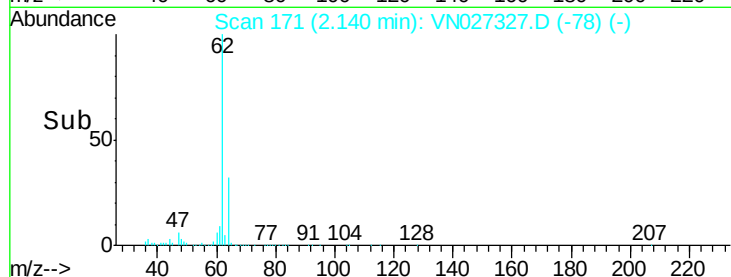
60000

40000

20000

0

Time-->



#6

Bromomethane

Concen: 15.78 ug/l

RT: 2.55 min Scan# 297

Delta R.T. 0.00 min

Lab File: VN027327.D

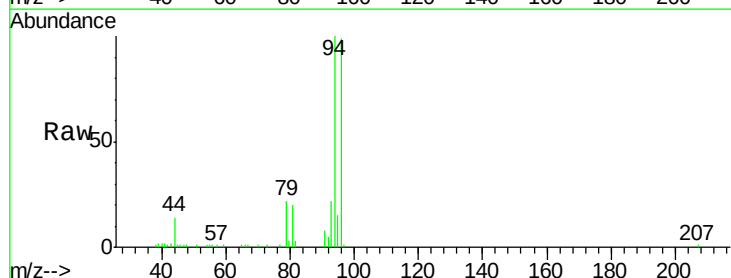
Acq: 21 Sep 2015 11:14

Tgt Ion: 94 Resp: 57438

Ion Ratio Lower Upper

94 100

96 99.1 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

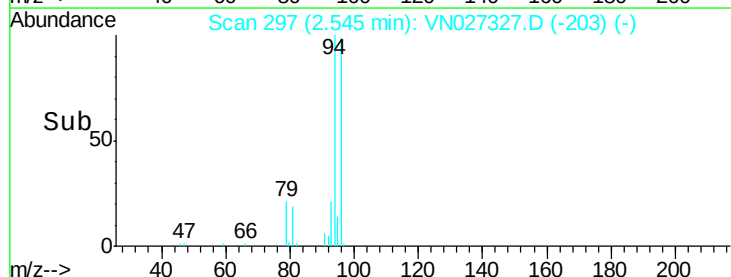
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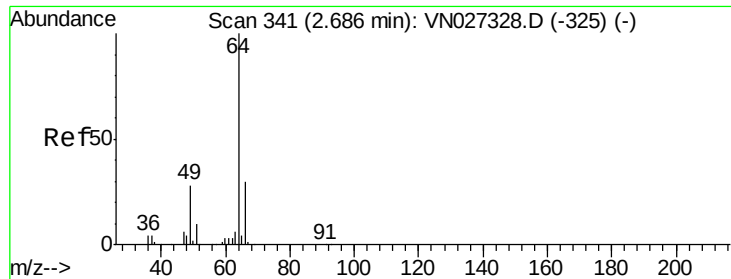
20000

10000

0

Time-->





#7

Chloroethane

Concen: 17.43 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

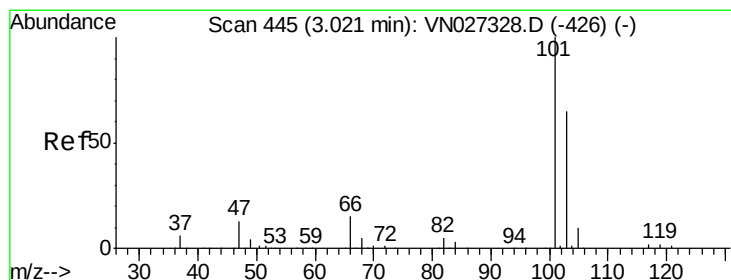
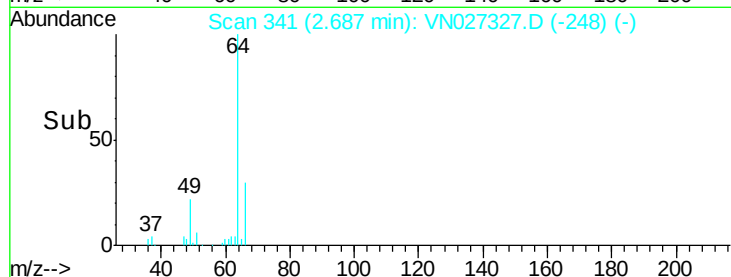
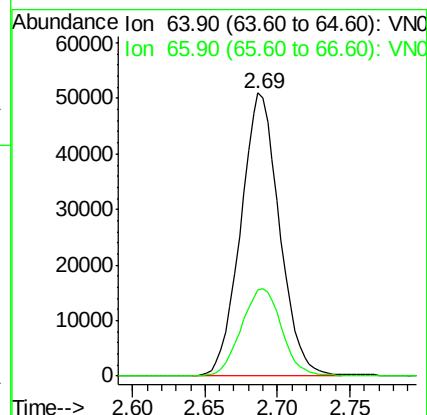
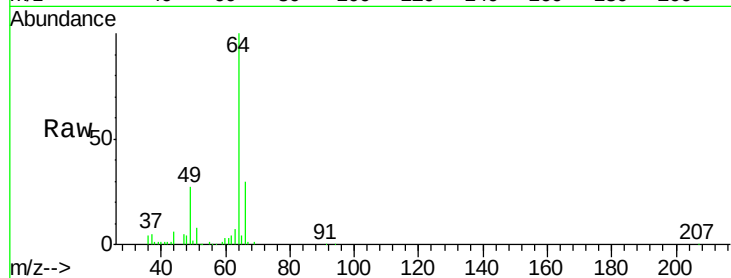
VSTDIC020

Tgt Ion: 64 Resp: 94651

Ion Ratio Lower Upper

64 100

66 30.4 25.5 38.3



#8

Trichlorofluoromethane

Concen: 18.15 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027327.D

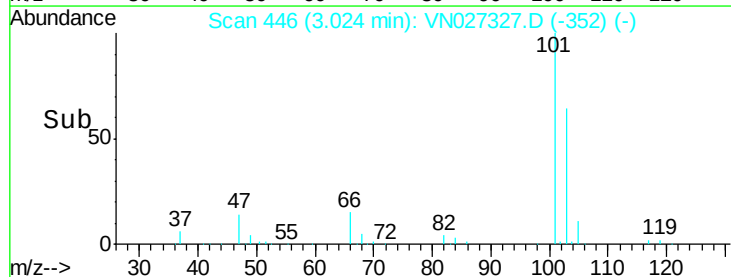
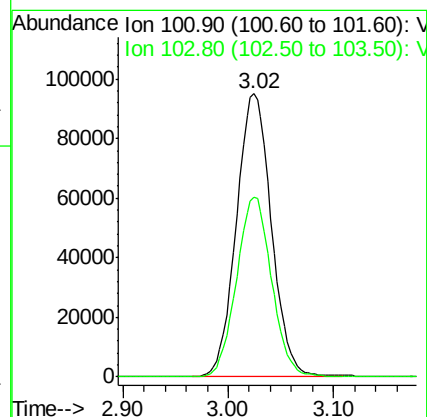
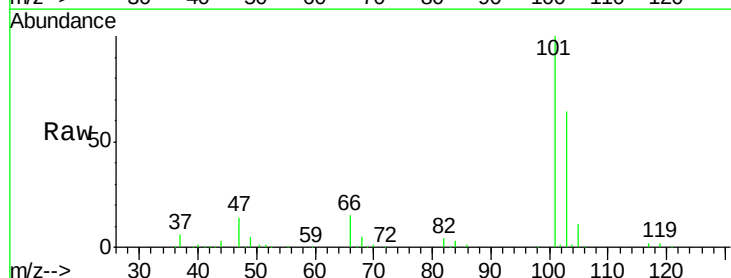
Acq: 21 Sep 2015 11:14

Tgt Ion: 101 Resp: 219078

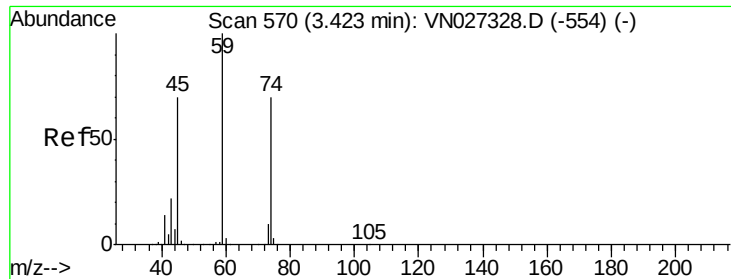
Ion Ratio Lower Upper

101 100

103 63.7 52.6 79.0







#9

Diethyl Ether

Concen: 17.76 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

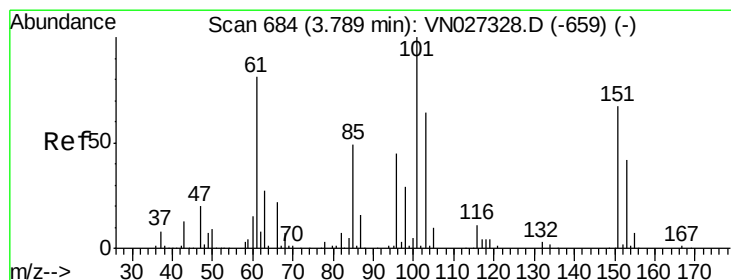
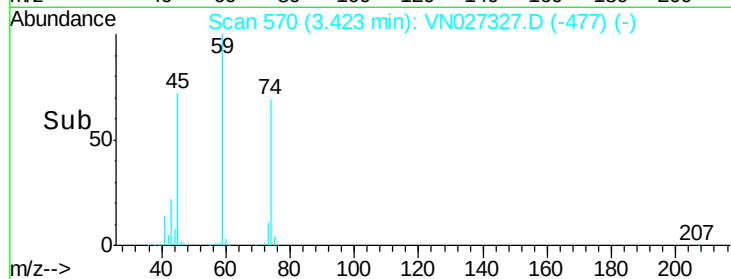
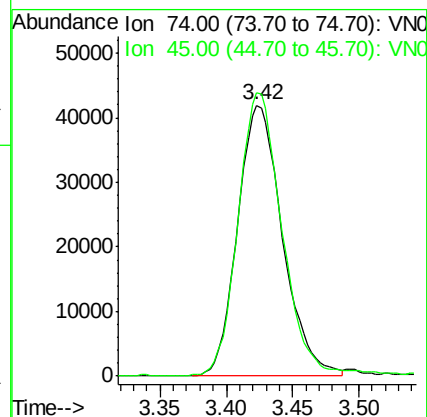
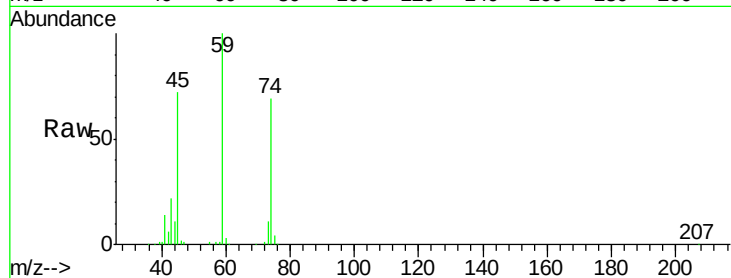
VSTDIC020

Tgt Ion: 74 Resp: 98641

Ion Ratio Lower Upper

74 100

45 103.3 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 18.37 ug/l

RT: 3.79 min Scan# 685

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

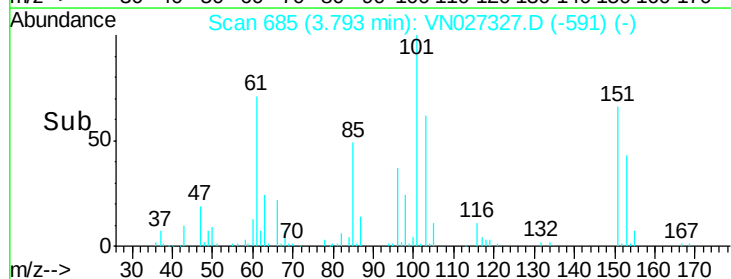
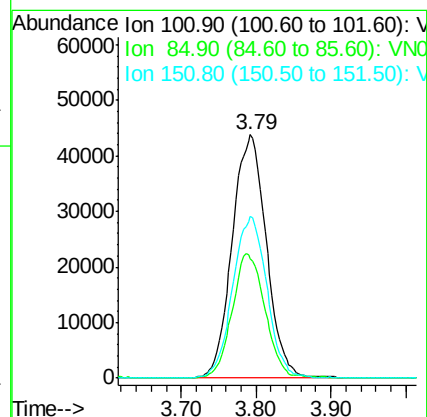
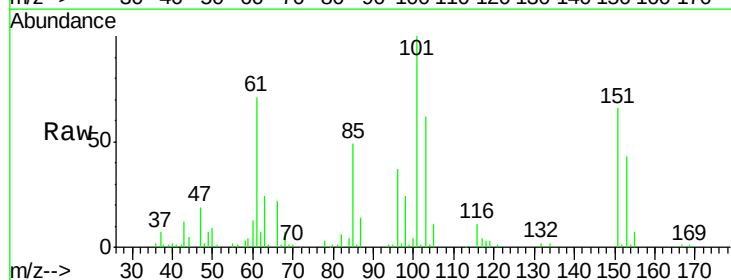
Tgt Ion: 101 Resp: 139220

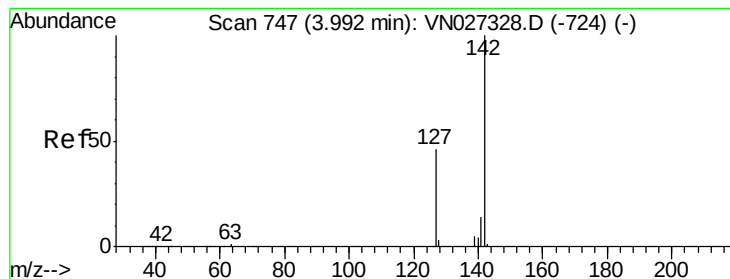
Ion Ratio Lower Upper

101 100

85 48.7 37.4 56.0

151 66.2 55.9 83.9

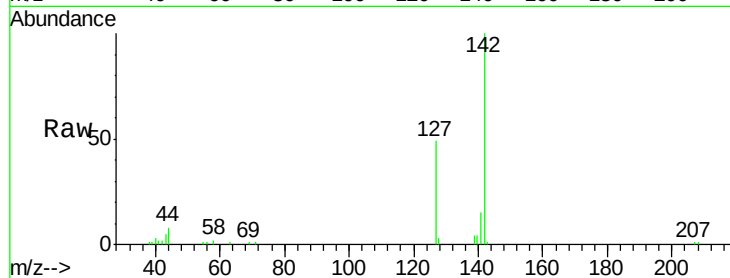




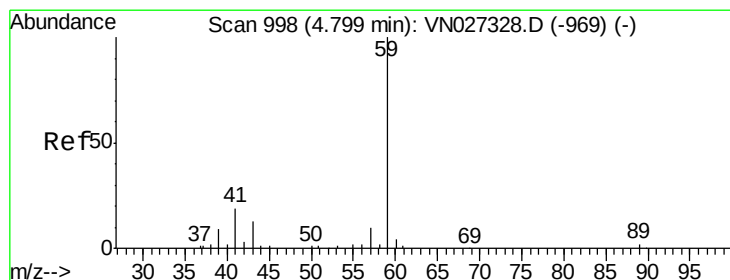
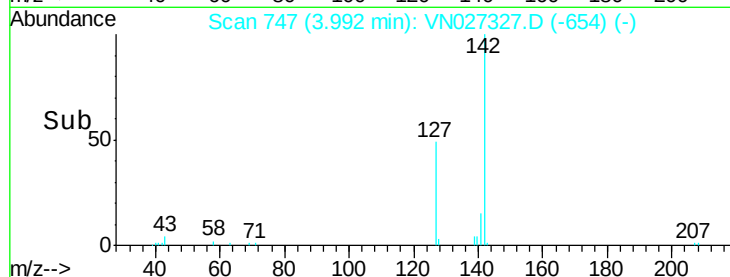
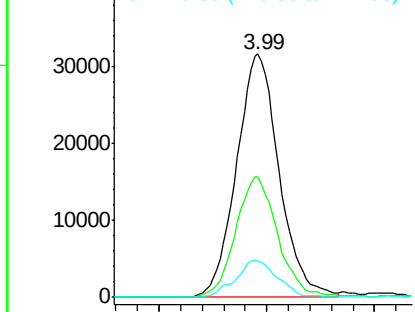
#11  
Methyl Iodide  
Concen: 11.80 ug/l  
RT: 3.99 min Scan# 747  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion:142 Resp: 86955  
Ion Ratio Lower Upper  
142 100  
127 49.0 32.3 48.5#  
141 14.9 11.2 16.8

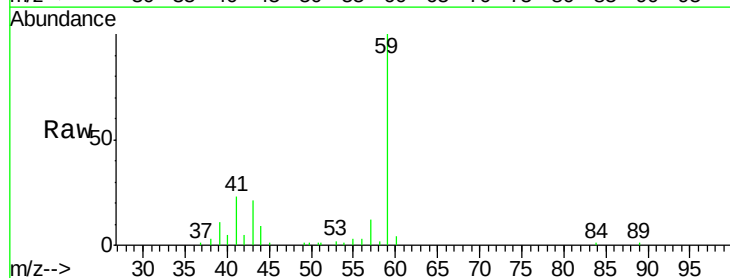


Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V

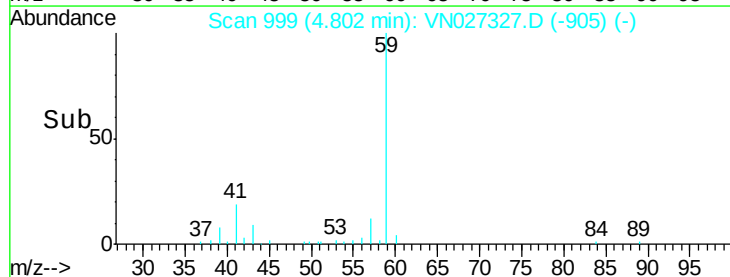
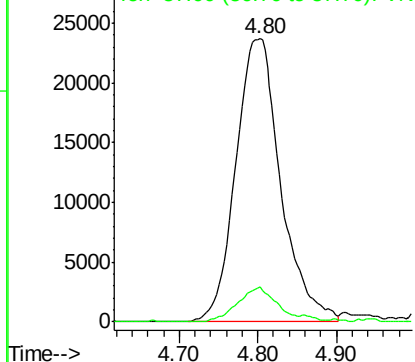


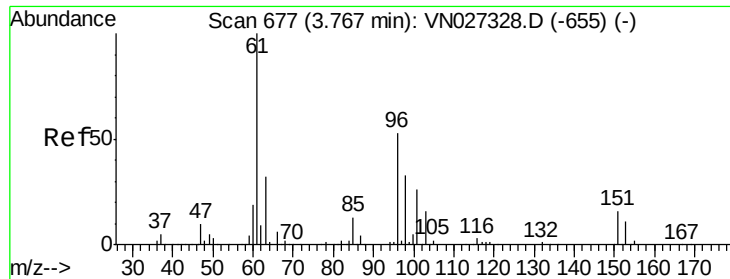
#12  
Tert butyl alcohol  
Concen: 83.79 ug/l  
RT: 4.80 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Tgt Ion: 59 Resp: 94914  
Ion Ratio Lower Upper  
59 100  
57 10.6 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): V  
Ion 57.00 (56.70 to 57.70): V

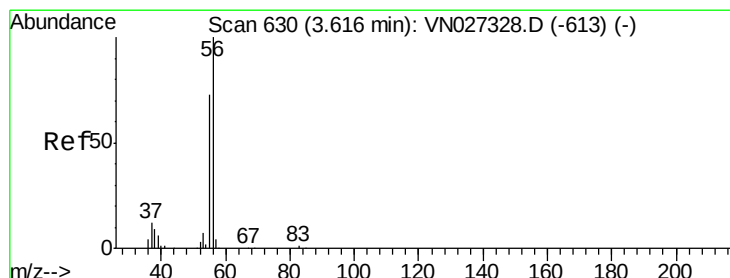
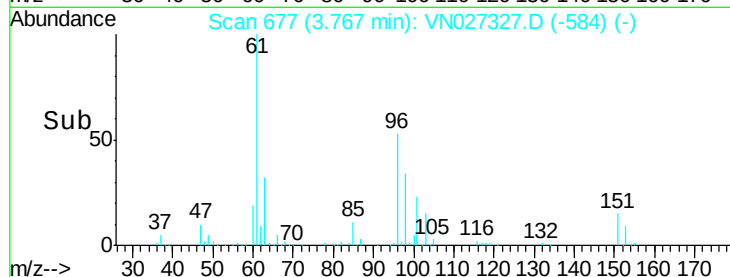
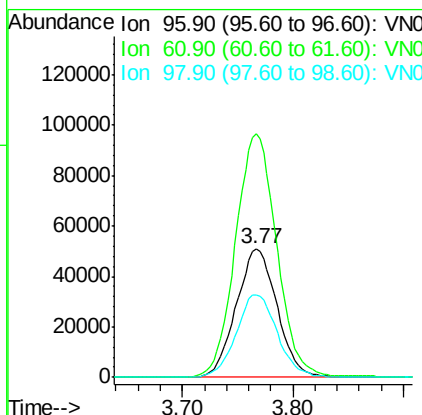
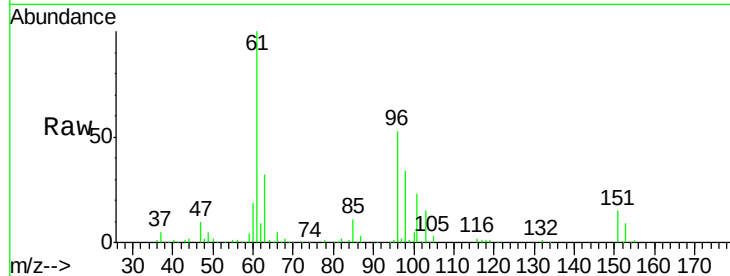




#13  
 1,1-Dichloroethene  
 Concen: 17.97 ug/l  
 RT: 3.77 min Scan# 677  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

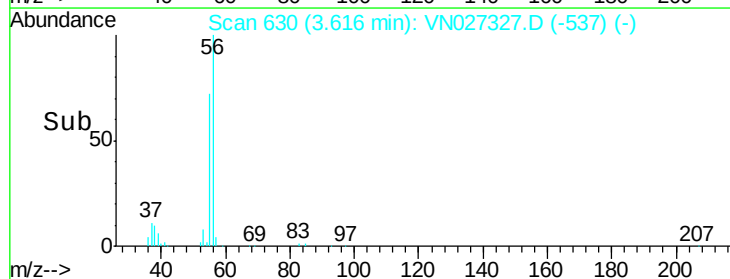
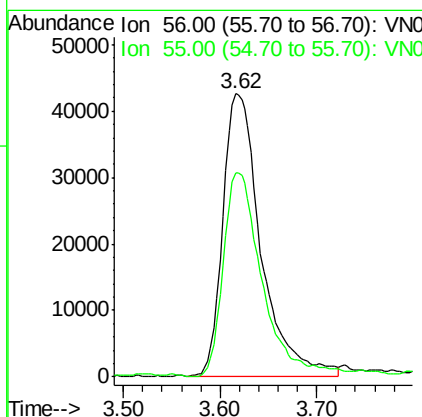
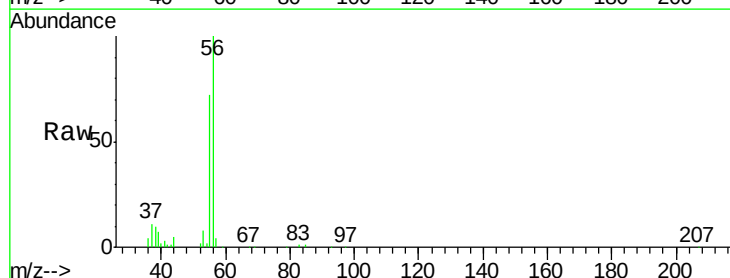
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

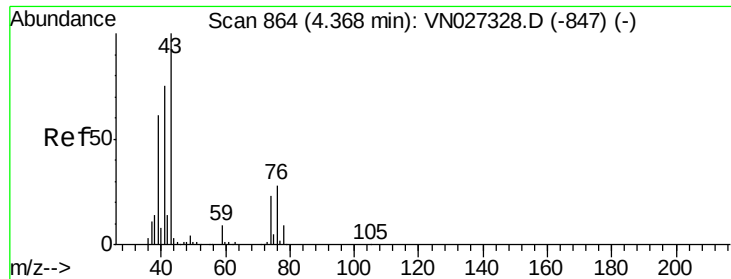
Tgt Ion: 96 Resp: 130473  
 Ion Ratio Lower Upper  
 96 100  
 61 188.8 143.8 215.8  
 98 64.4 50.3 75.5



#14  
 Acrolein  
 Concen: 88.36 ug/l  
 RT: 3.62 min Scan# 630  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Tgt Ion: 56 Resp: 117574  
 Ion Ratio Lower Upper  
 56 100  
 55 73.6 55.7 83.5

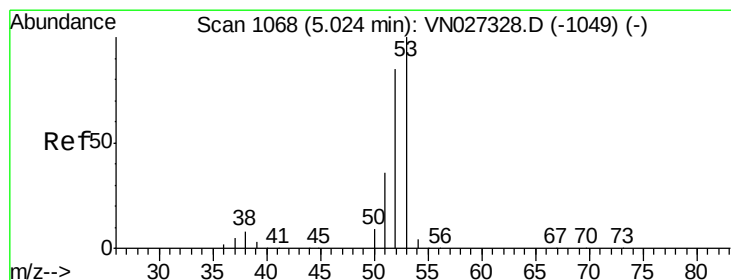
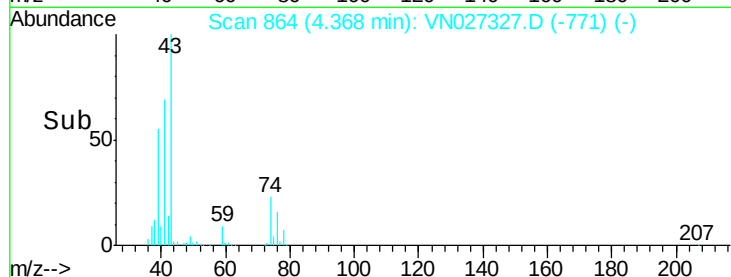
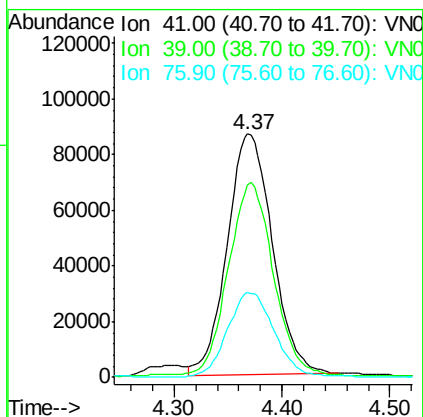
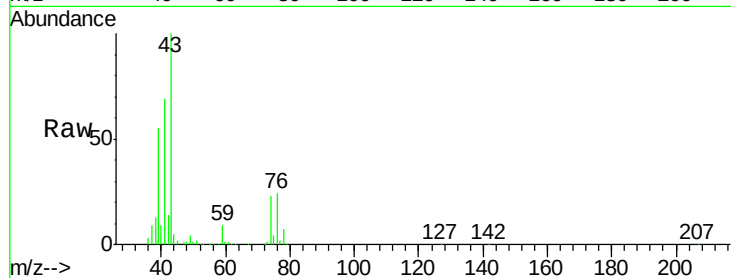




#15  
 Allyl chloride  
 Concen: 17.18 ug/l  
 RT: 4.37 min Scan# 864  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

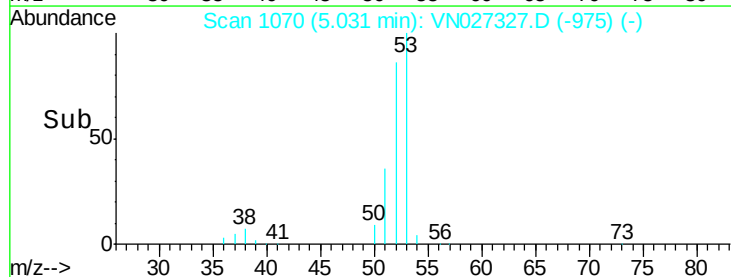
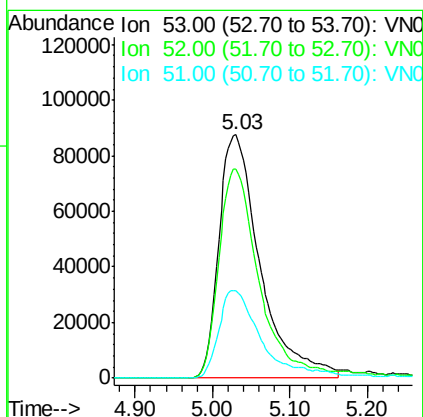
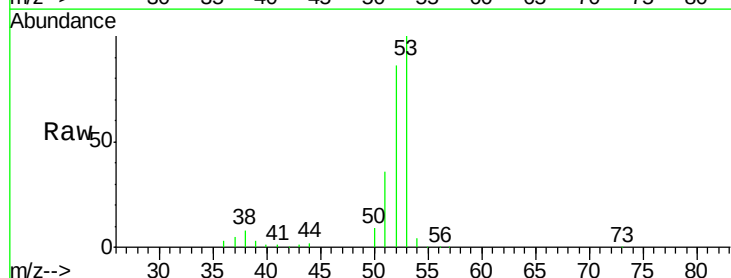
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

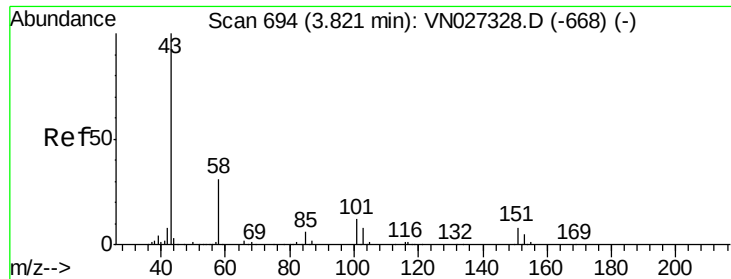
Tgt Ion: 41 Resp: 251932  
 Ion Ratio Lower Upper  
 41 100  
 39 78.4 49.7 74.5#  
 76 35.6 24.8 37.2



#16  
 Acrylonitrile  
 Concen: 87.87 ug/l  
 RT: 5.03 min Scan# 1070  
 Delta R.T. 0.01 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Tgt Ion: 53 Resp: 325501  
 Ion Ratio Lower Upper  
 53 100  
 52 83.1 66.9 100.3  
 51 35.8 27.4 41.0





#17

Acetone

Concen: 102.99 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampled :

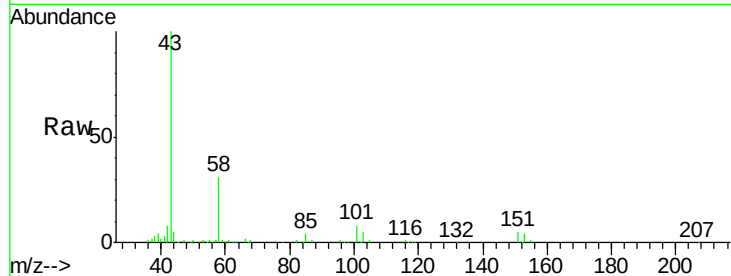
VSTDIC020

Tgt Ion: 43 Resp: 321665

Ion Ratio Lower Upper

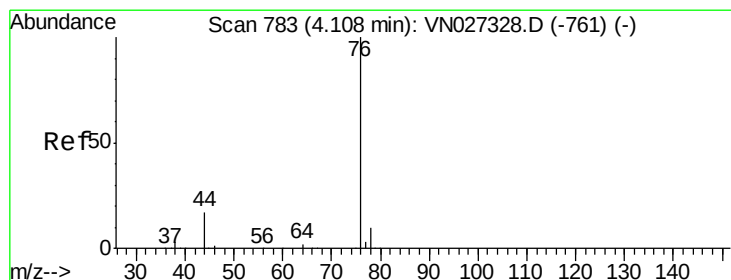
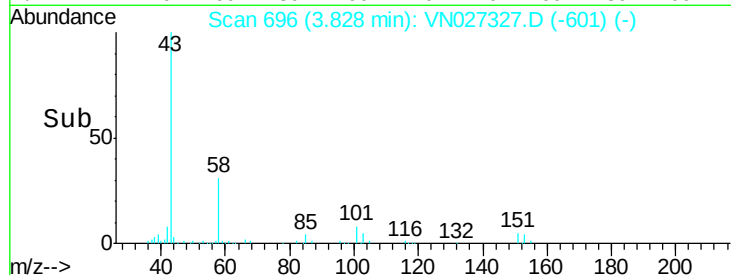
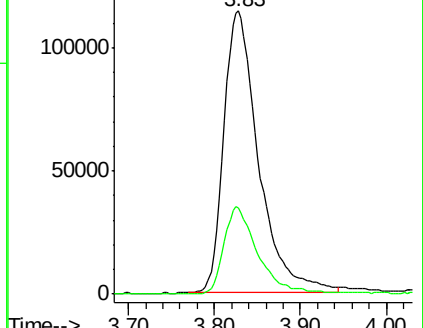
43 100

58 30.6 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: 16.30 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027327.D

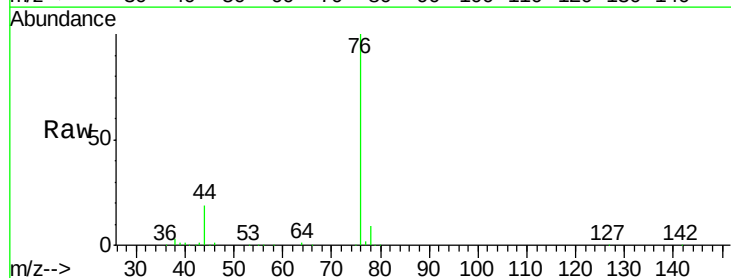
Acq: 21 Sep 2015 11:14

Tgt Ion: 76 Resp: 385266

Ion Ratio Lower Upper

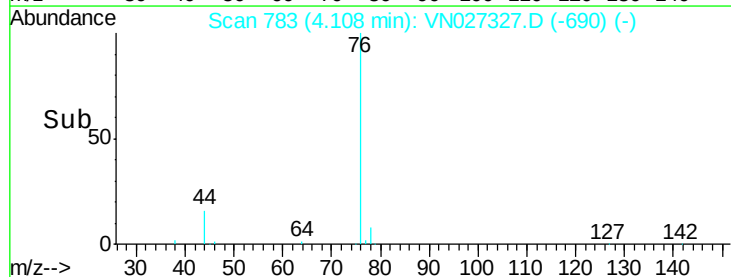
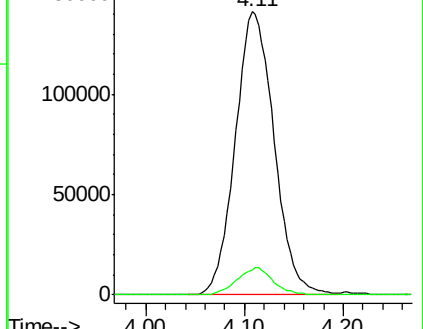
76 100

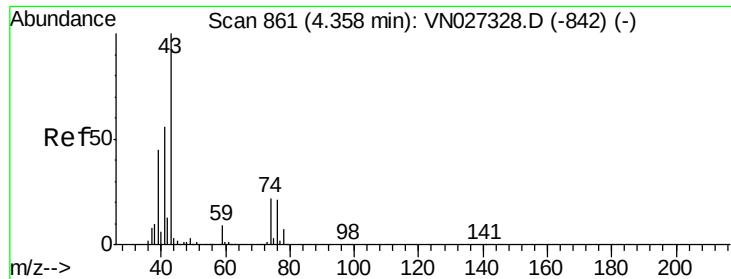
78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

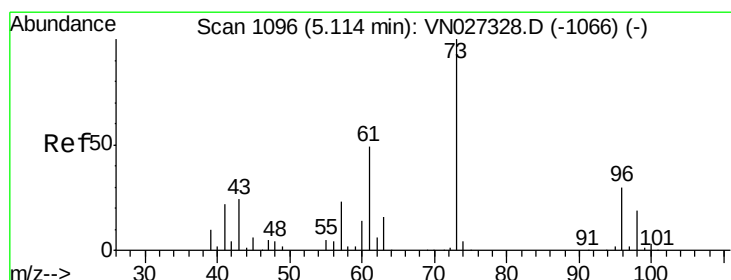
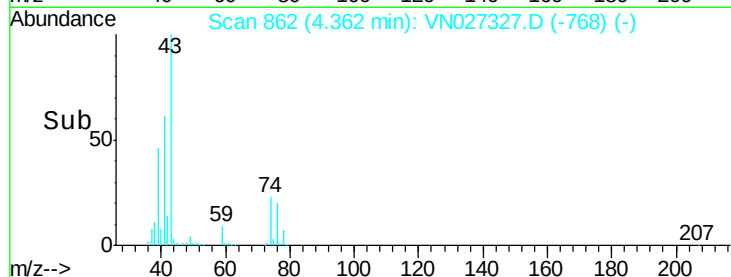
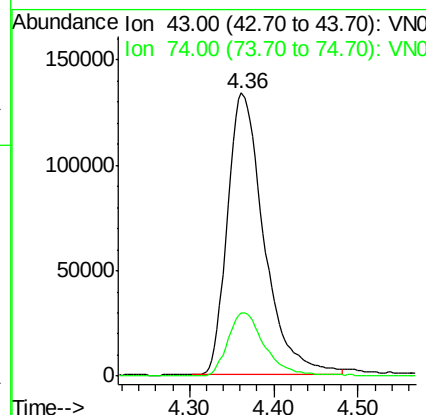
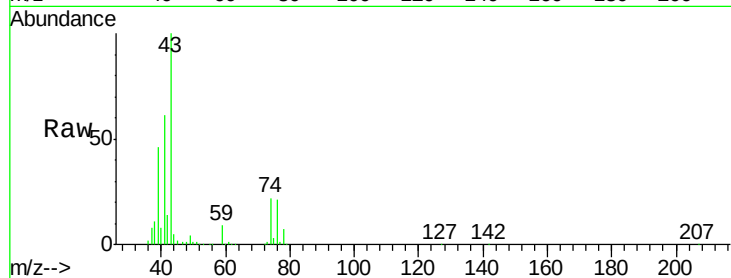




#19  
Methyl Acetate  
Concen: 17.89 ug/l  
RT: 4.36 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

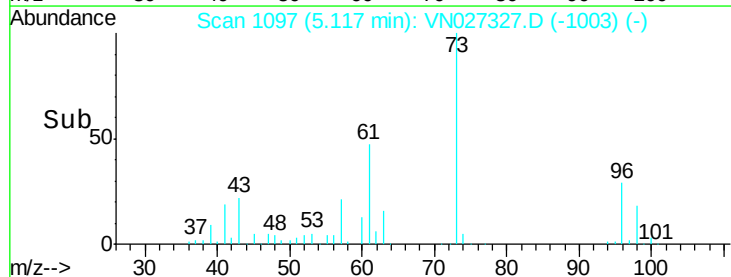
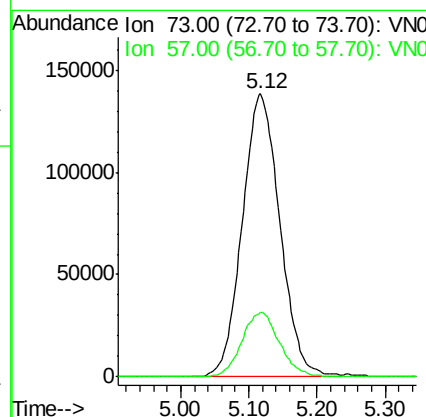
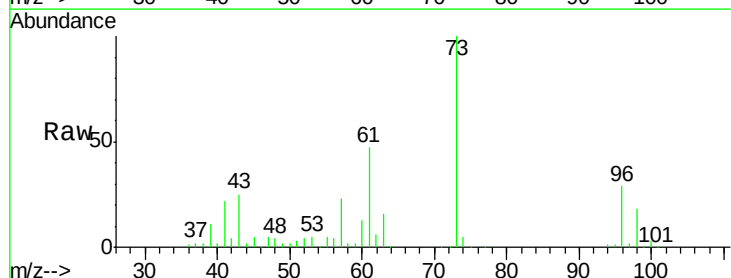
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC020

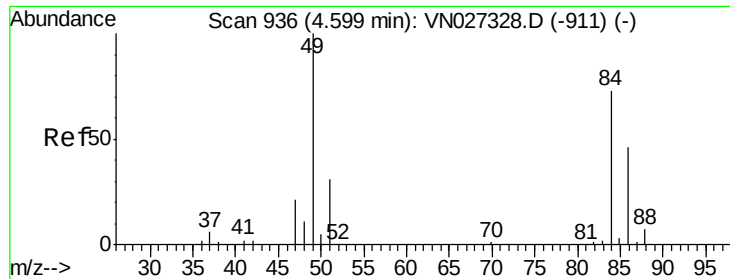
Tgt Ion: 43 Resp: 404755  
Ion Ratio Lower Upper  
43 100  
74 22.5 16.2 24.2



#20  
Methyl tert-butyl Ether  
Concen: 18.20 ug/l  
RT: 5.12 min Scan# 1097  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Tgt Ion: 73 Resp: 530293  
Ion Ratio Lower Upper  
73 100  
57 22.5 19.8 29.6

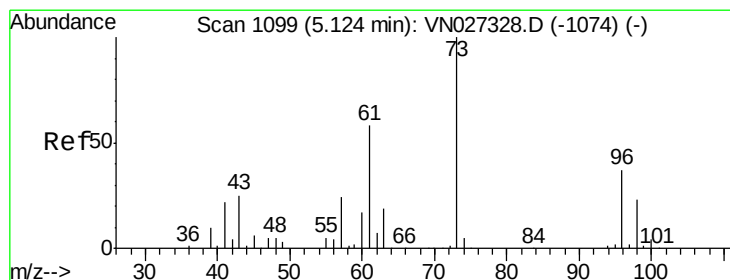
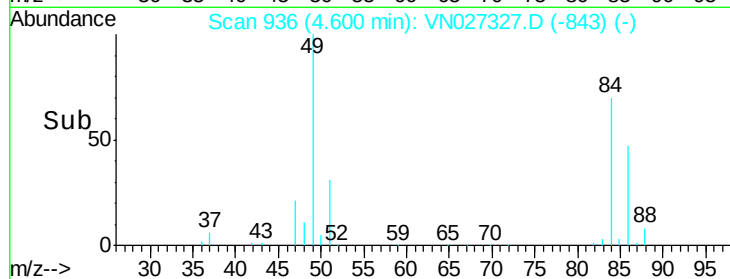
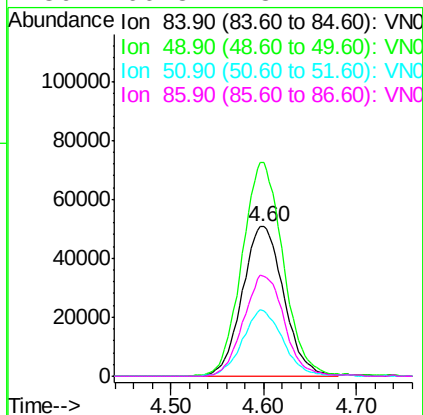
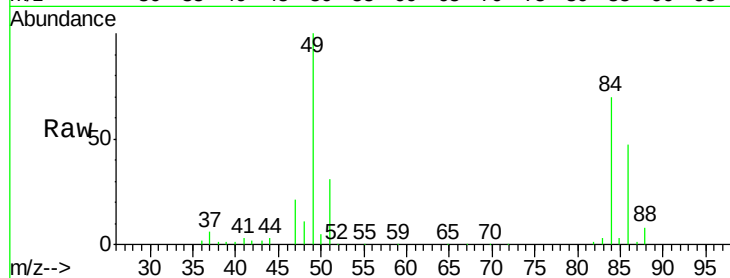




#21  
Methylene Chloride  
Concen: 18.18 ug/l  
RT: 4.60 min Scan# 936  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

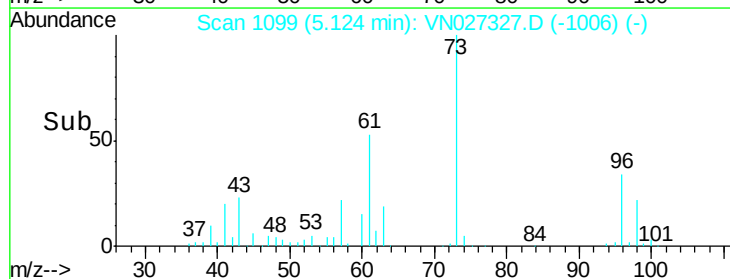
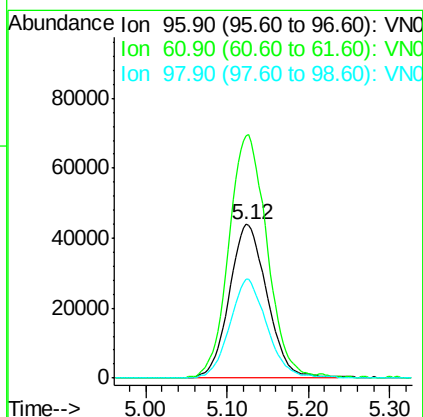
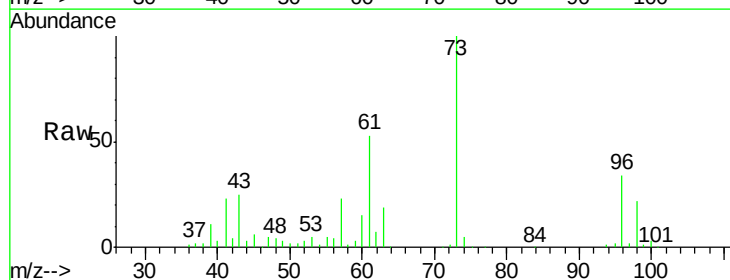
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC020

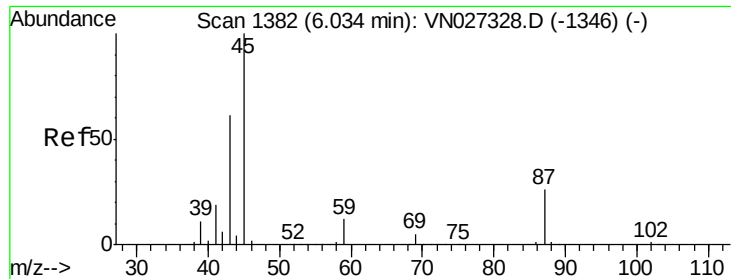
Tgt Ion: 84 Resp: 158172  
Ion Ratio Lower Upper  
84 100  
49 142.4 112.3 168.5  
51 44.0 33.8 50.8  
86 66.8 48.2 72.4



#22  
trans-1,2-Dichloroethene  
Concen: 18.07 ug/l  
RT: 5.12 min Scan# 1099  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Tgt Ion: 96 Resp: 141875  
Ion Ratio Lower Upper  
96 100  
61 156.9 126.6 189.8  
98 64.0 47.4 71.2

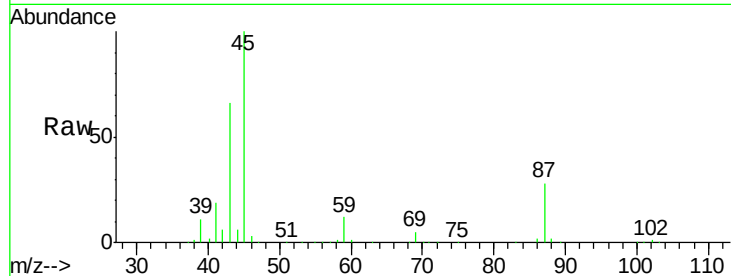




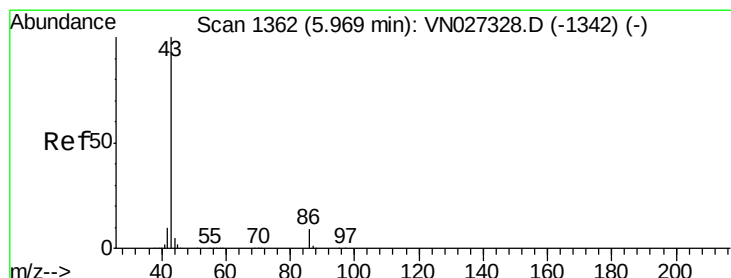
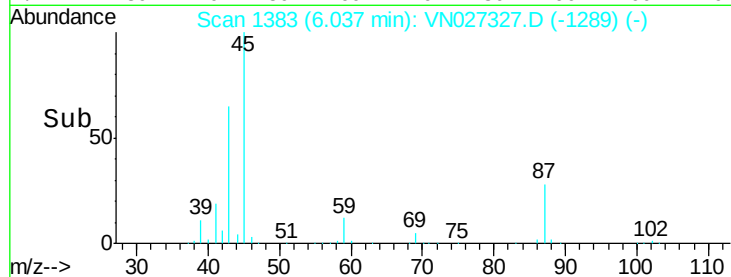
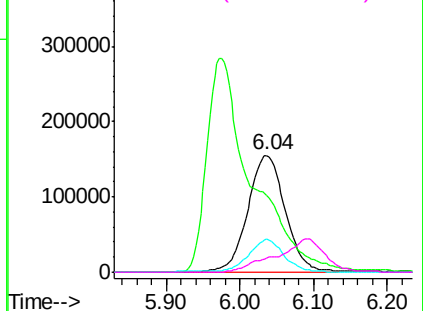
#23  
Diisopropyl ether  
Concen: 17.82 ug/l  
RT: 6.04 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 548323 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 62.2  | 41.0  | 61.6#  |
| 87       | 27.7  | 17.5  | 26.3#  |
| 59       | 11.6  | 8.7   | 13.1   |

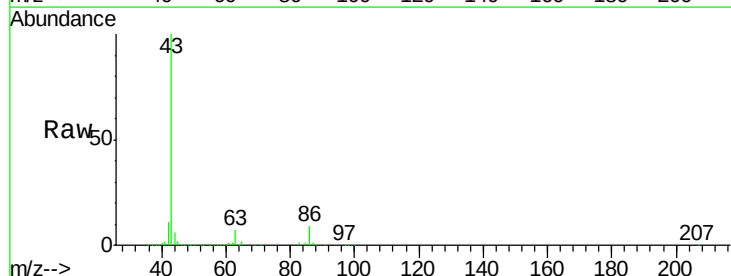


Abundance Ion 45.00 (44.70 to 45.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0  
Ion 59.00 (58.70 to 59.70): VN0

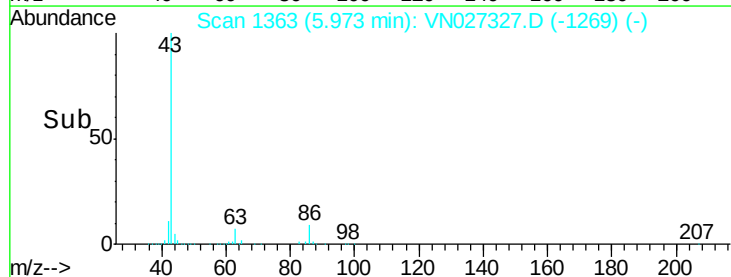
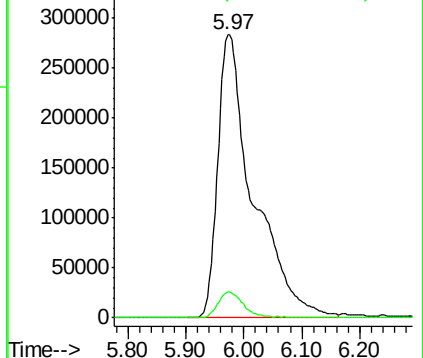


#24  
Vinyl Acetate  
Concen: 118.13 ug/l  
RT: 5.97 min Scan# 1363  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

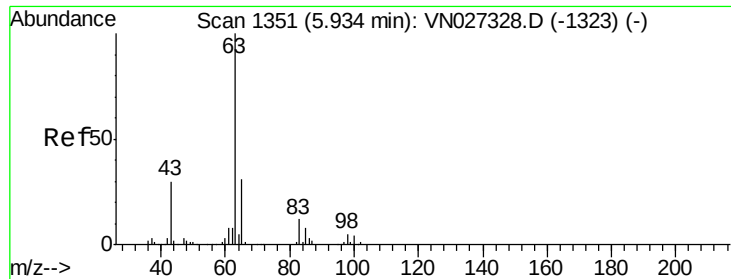
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 43    | Resp: | 1202741 |
| Ion      | Ratio | Lower | Upper   |
| 43       | 100   |       |         |
| 86       | 9.1   | 6.9   | 10.3    |



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 86.00 (85.70 to 86.70): VN0



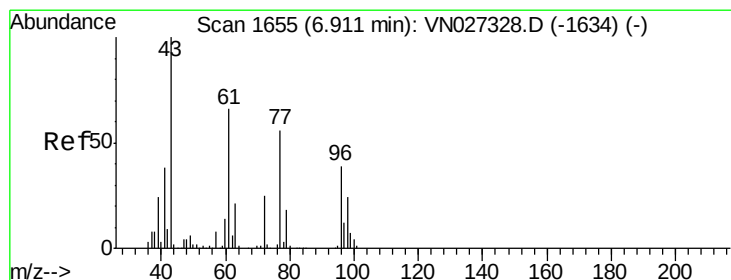
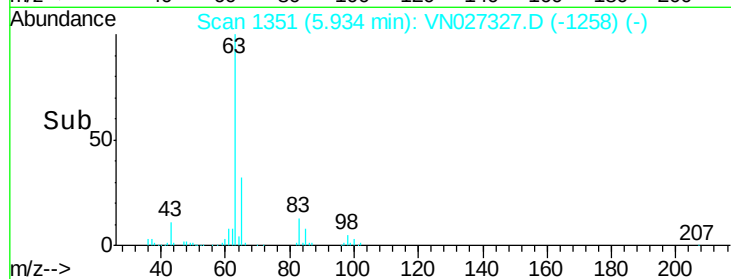
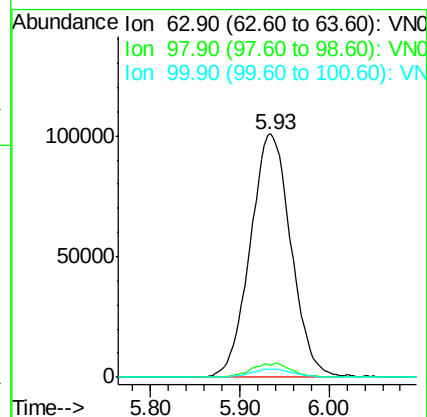
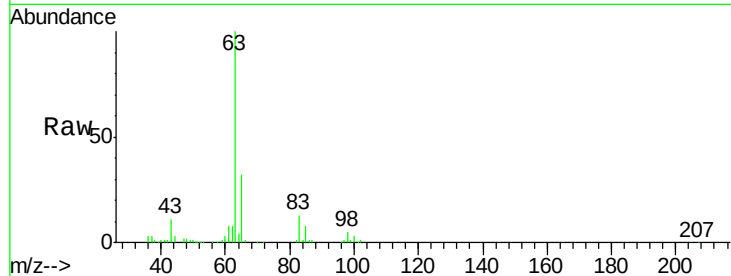




#25  
 1,1-Dichloroethane  
 Concen: 17.91 ug/l  
 RT: 5.93 min Scan# 1351  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

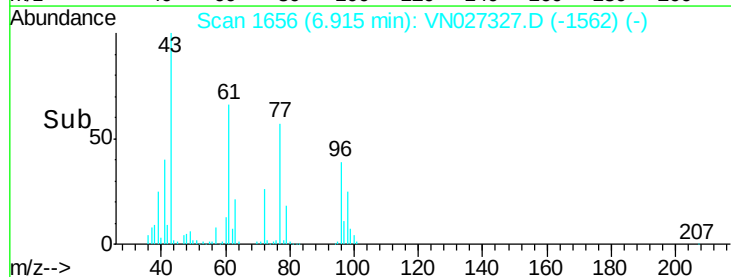
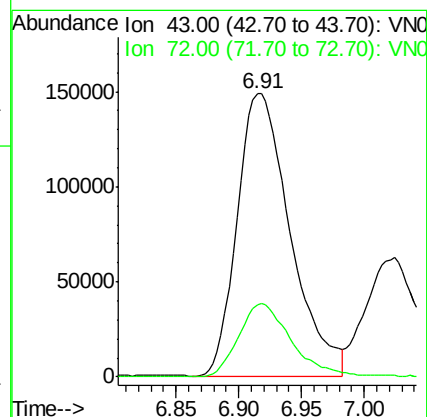
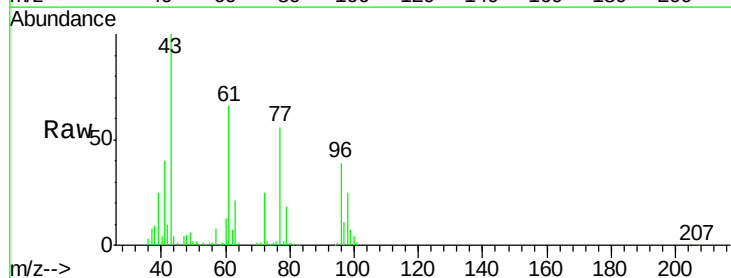
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

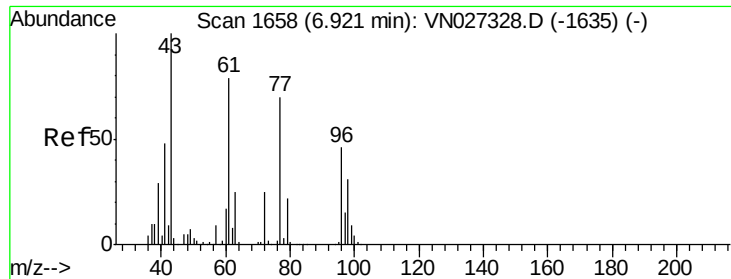
Tgt Ion: 63 Resp: 320013  
 Ion Ratio Lower Upper  
 63 100  
 98 5.1 2.8 8.3  
 100 3.3 1.7 5.0



#26  
 2-Butanone  
 Concen: 92.70 ug/l  
 RT: 6.91 min Scan# 1656  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Tgt Ion: 43 Resp: 435970  
 Ion Ratio Lower Upper  
 43 100  
 72 25.5 18.8 28.2

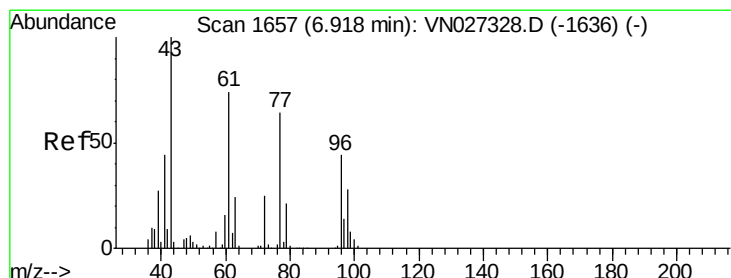
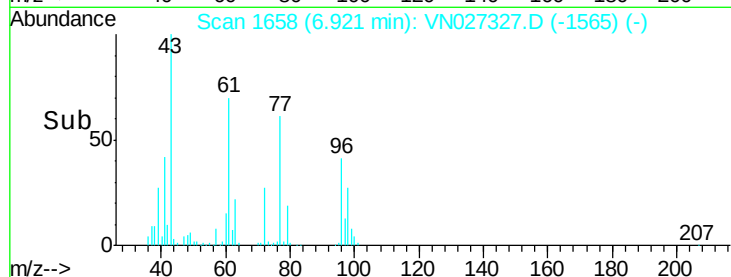
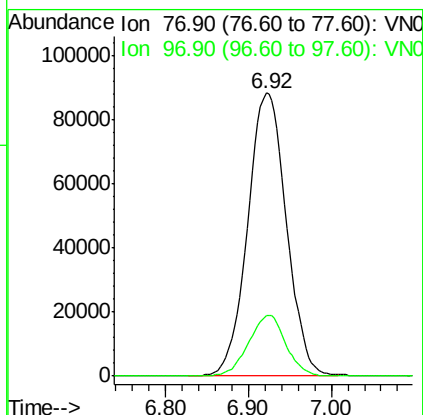
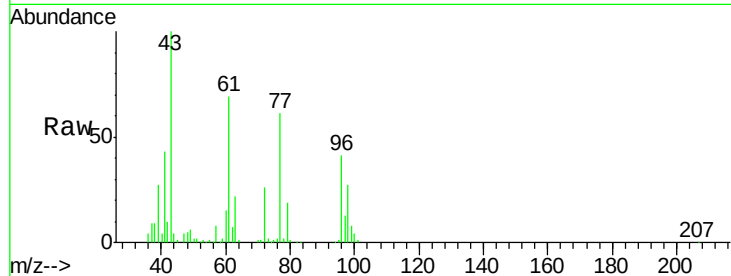




#27  
 2,2-Dichloropropane  
 Concen: 18.49 ug/l  
 RT: 6.92 min Scan# 1658  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

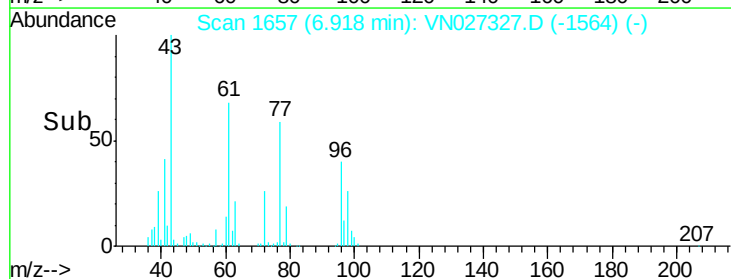
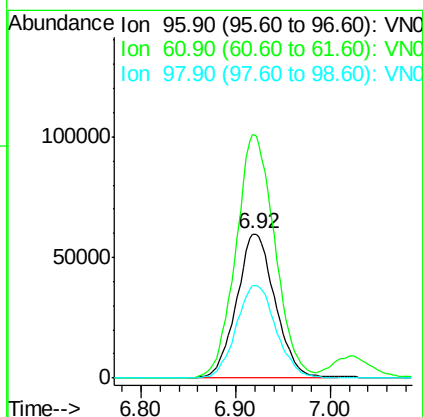
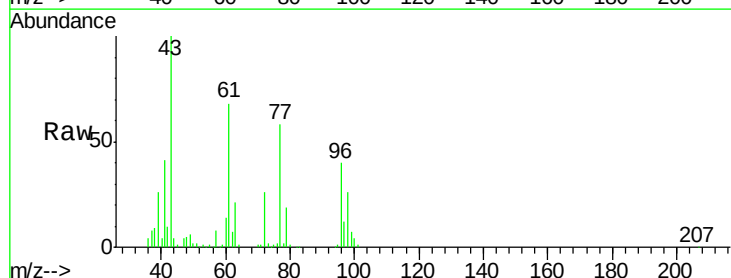
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

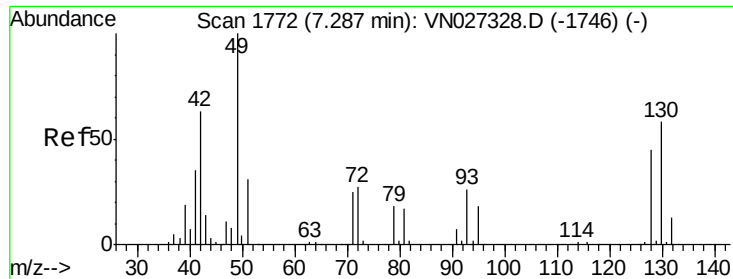
Tgt Ion: 77 Resp: 286620  
 Ion Ratio Lower Upper  
 77 100  
 97 20.7 11.8 35.3



#28  
 cis-1,2-Dichloroethene  
 Concen: 18.78 ug/l  
 RT: 6.92 min Scan# 1657  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Tgt Ion: 96 Resp: 169137  
 Ion Ratio Lower Upper  
 96 100  
 61 170.5 0.0 329.2  
 98 66.3 0.0 126.0

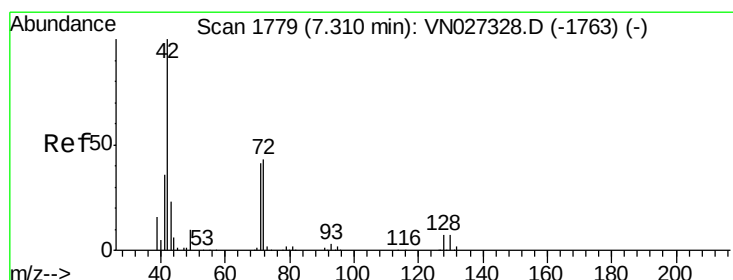
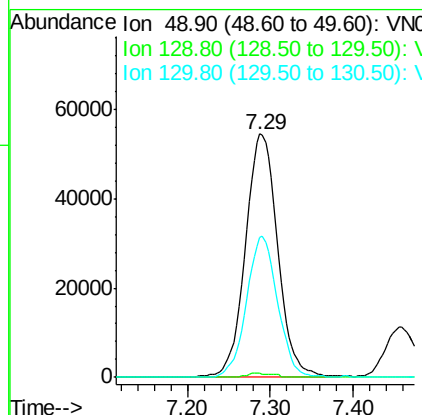
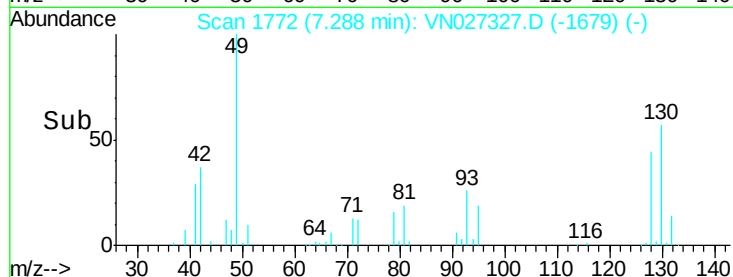
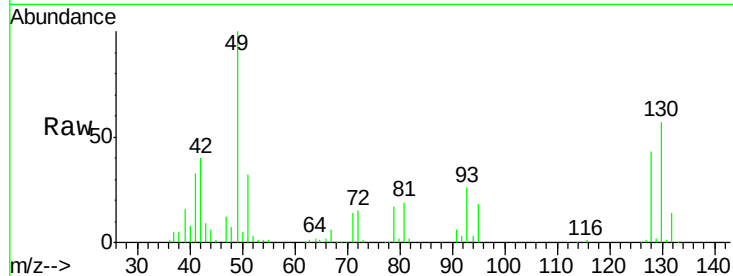




#29  
Bromochloromethane  
Concen: 21.26 ug/l  
RT: 7.29 min Scan# 1772  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

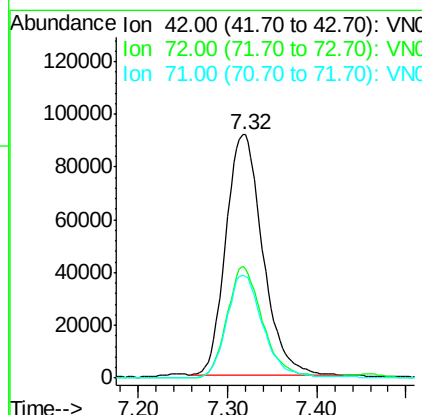
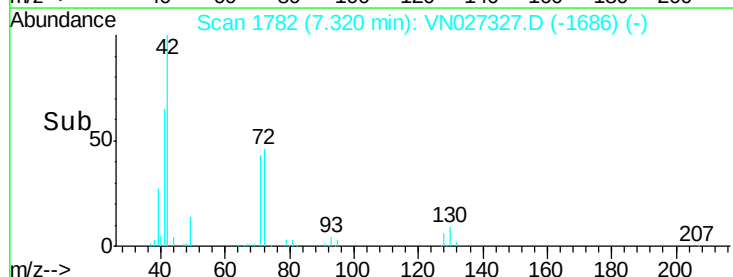
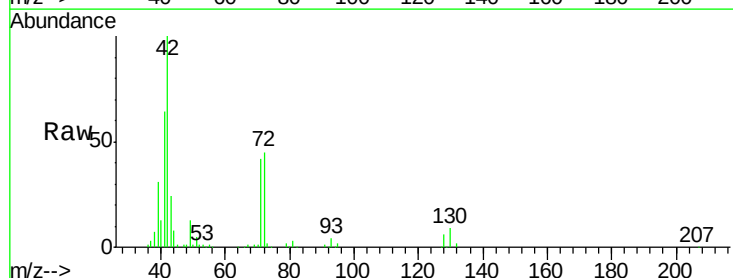
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

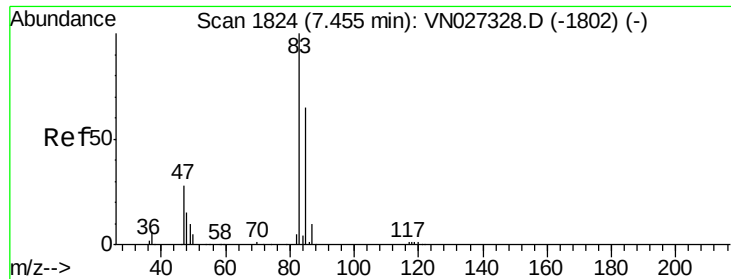
Tgt Ion: 49 Resp: 147496  
Ion Ratio Lower Upper  
49 100  
129 1.0 0.0 3.2  
130 55.6 43.2 64.8



#30  
Tetrahydrofuran  
Concen: 80.18 ug/l  
RT: 7.32 min Scan# 1782  
Delta R.T. 0.01 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Tgt Ion: 42 Resp: 259880  
Ion Ratio Lower Upper  
42 100  
72 45.1 29.9 44.9#  
71 42.5 28.3 42.5#

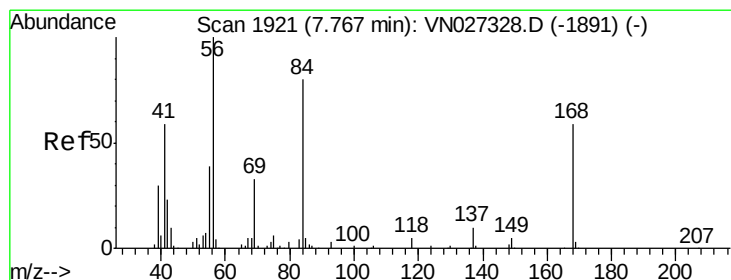
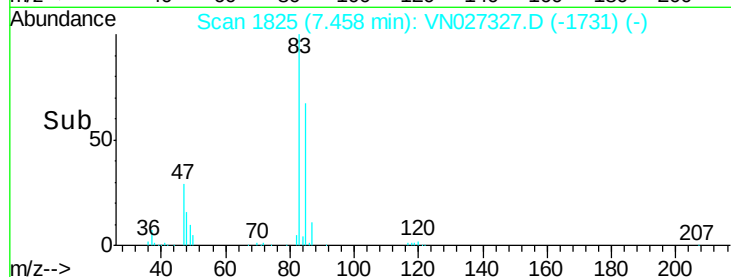
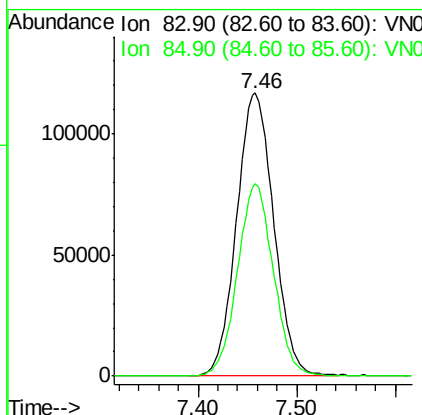
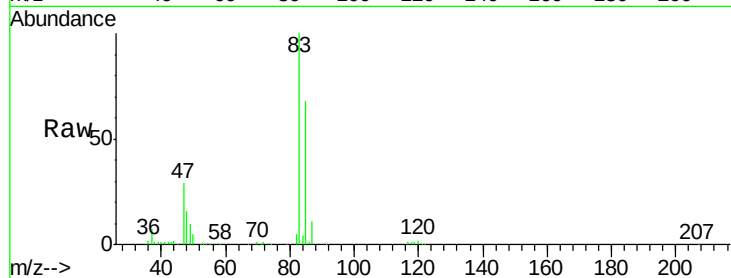




#31  
Chloroform  
Concen: 18.90 ug/l  
RT: 7.46 min Scan# 1825  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

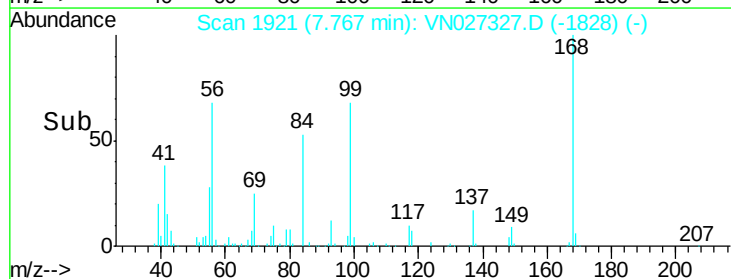
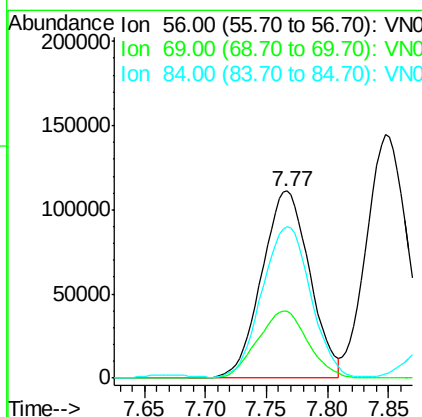
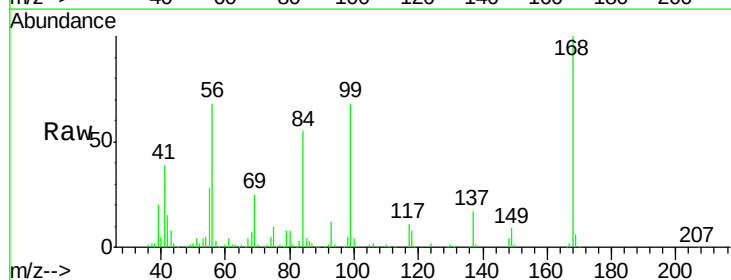
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC020

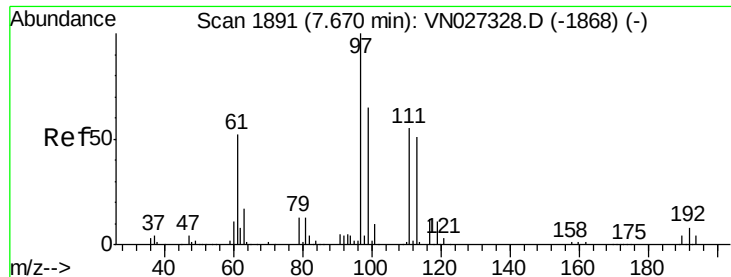
Tgt Ion: 83 Resp: 305119  
Ion Ratio Lower Upper  
83 100  
85 67.8 51.1 76.7



#32  
Cyclohexane  
Concen: 18.52 ug/l  
RT: 7.77 min Scan# 1921  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Tgt Ion: 56 Resp: 303968  
Ion Ratio Lower Upper  
56 100  
69 36.0 23.0 34.4#  
84 79.6 57.8 86.8

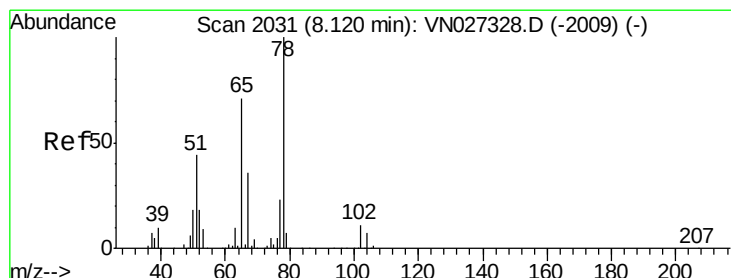
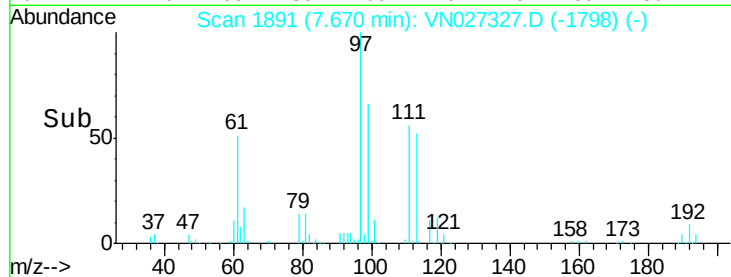
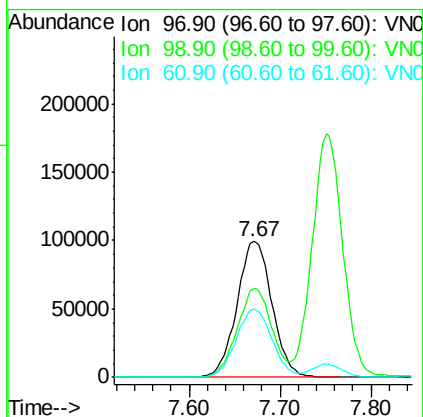
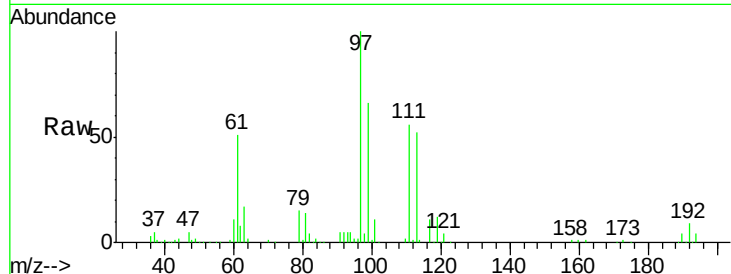




#33  
 1,1,1-Trichloroethane  
 Concen: 18.45 ug/l  
 RT: 7.67 min Scan# 1891  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

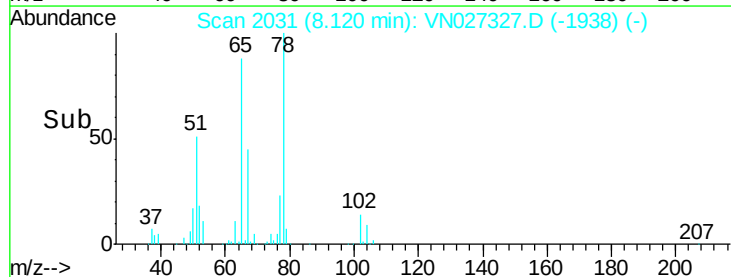
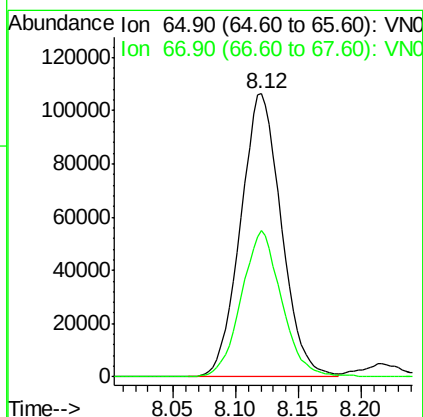
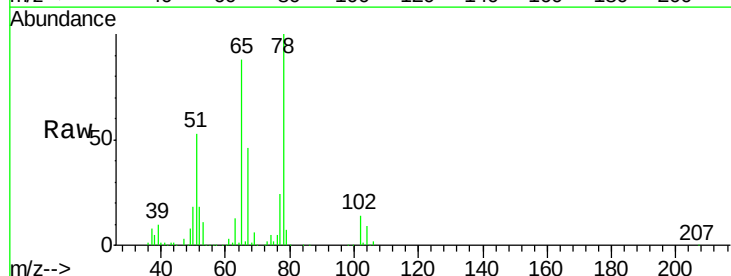
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

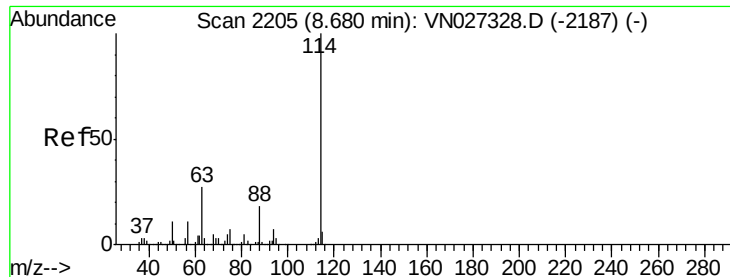
Tgt Ion: 97 Resp: 265634  
 Ion Ratio Lower Upper  
 97 100  
 99 64.5 50.1 75.1  
 61 51.7 44.0 66.0



#34  
 1,2-Dichloroethane-d4  
 Concen: 20.79 ug/l  
 RT: 8.12 min Scan# 2031  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Tgt Ion: 65 Resp: 240885  
 Ion Ratio Lower Upper  
 65 100  
 67 51.1 0.0 110.6

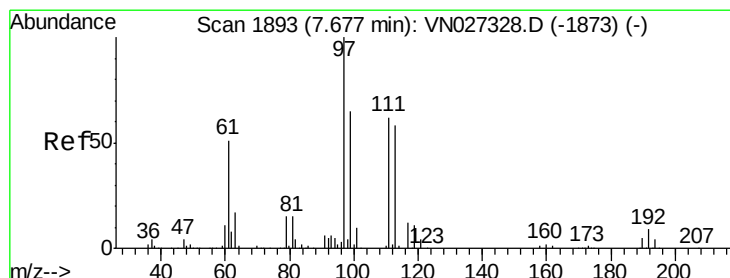
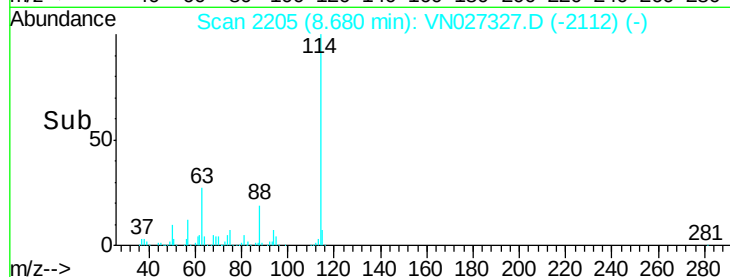
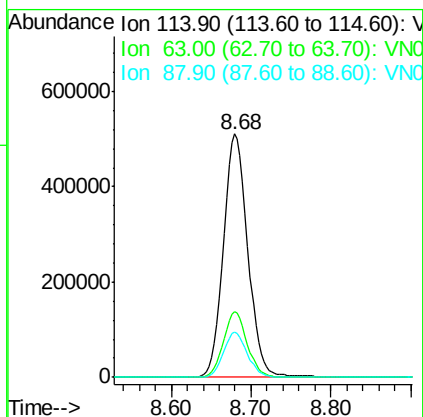
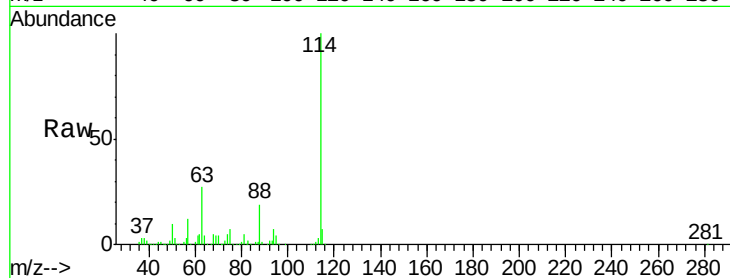




#35  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.68 min Scan# 2205  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

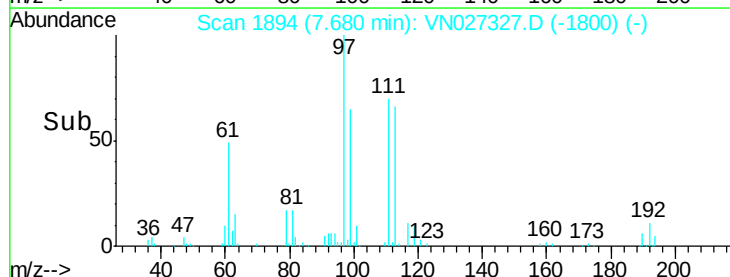
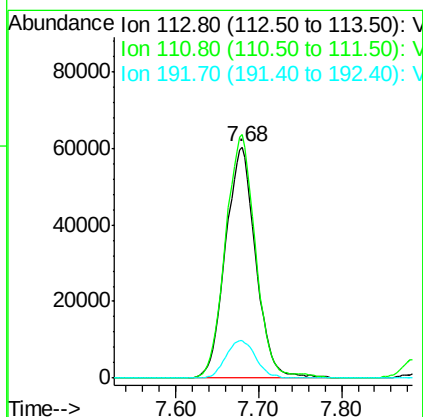
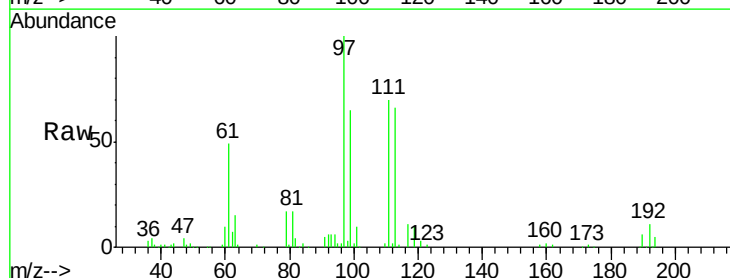
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

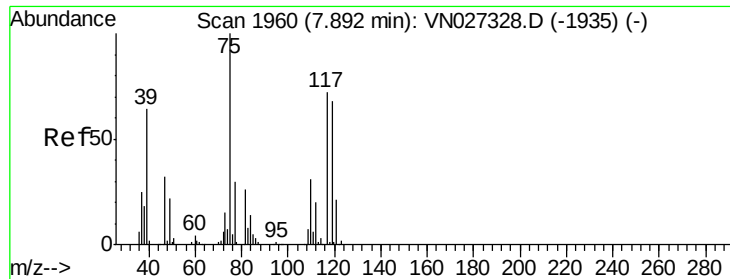
Tgt Ion:114 Resp: 1069552  
 Ion Ratio Lower Upper  
 114 100  
 63 27.1 0.0 48.8  
 88 18.6 0.0 32.2



#36  
 Dibromofluoromethane  
 Concen: 20.59 ug/l  
 RT: 7.68 min Scan# 1894  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Tgt Ion:113 Resp: 152620  
 Ion Ratio Lower Upper  
 113 100  
 111 103.9 83.0 124.4  
 192 16.1 14.1 21.1

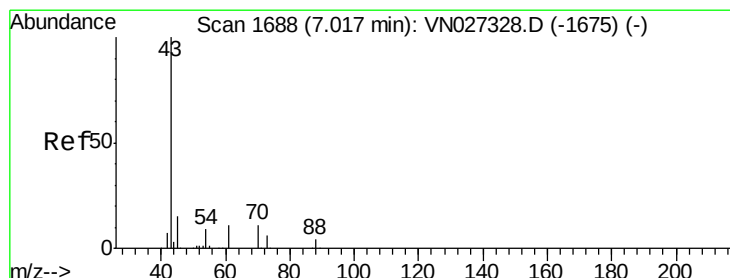
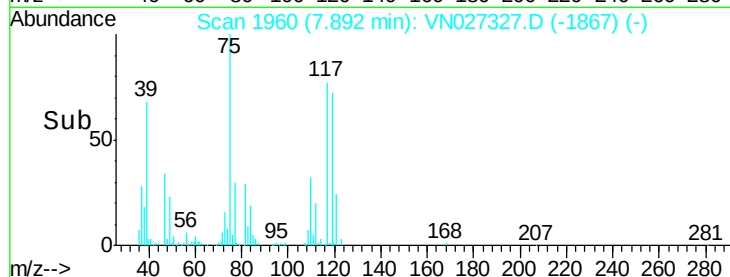
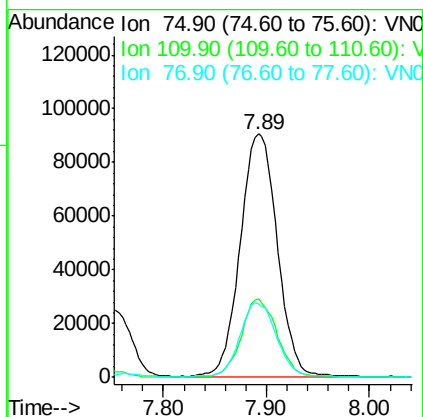
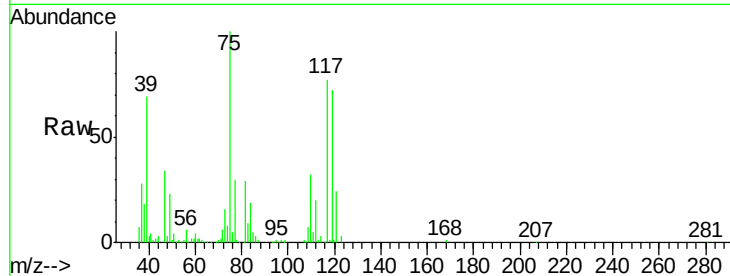




#37  
 1,1-Dichloropropene  
 Concen: 17.92 ug/l  
 RT: 7.89 min Scan# 1960  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

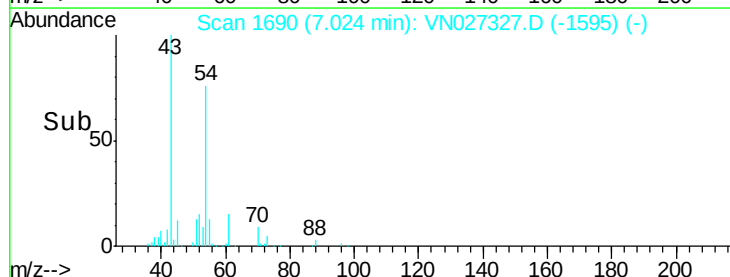
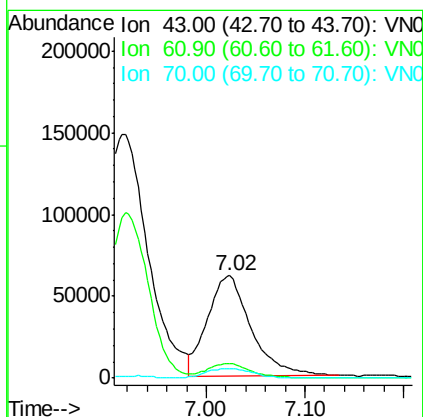
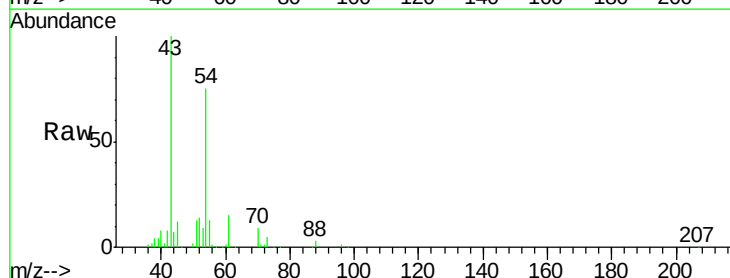
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

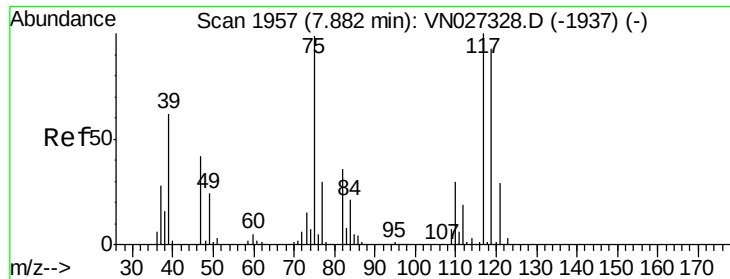
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 31.5  | 15.9  | 47.7  |
| 77      | 31.0  | 24.9  | 37.3  |



#38  
 Ethyl Acetate  
 Concen: 17.09 ug/l  
 RT: 7.02 min Scan# 1690  
 Delta R.T. 0.01 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.7  | 10.2  | 15.4  |
| 70      | 9.6   | 7.4   | 11.0  |





#39

Carbon Tetrachloride

Concen: 18.20 ug/l

RT: 7.88 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC020

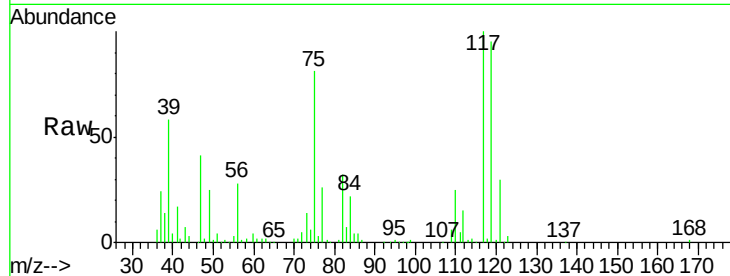
Tgt Ion:117 Resp: 214254

Ion Ratio Lower Upper

117 100

119 94.5 75.3 112.9

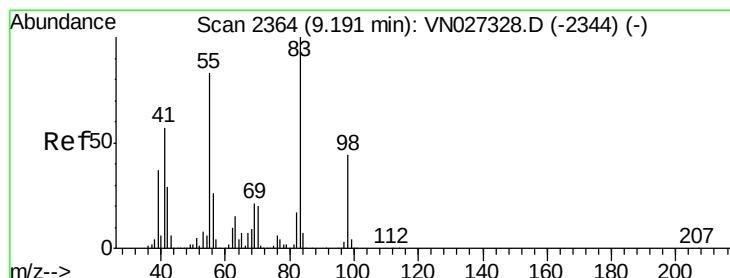
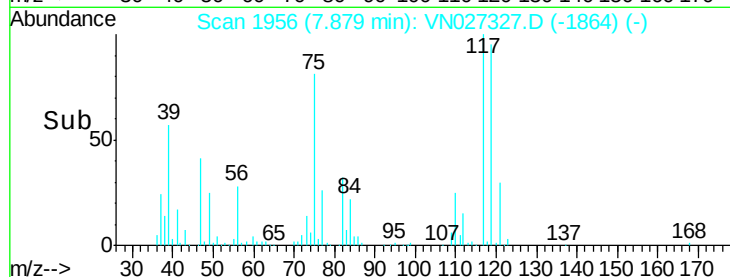
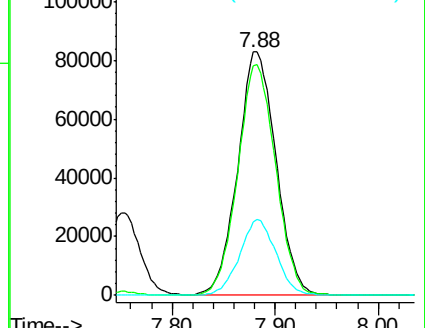
121 30.1 23.8 35.8



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: 17.48 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

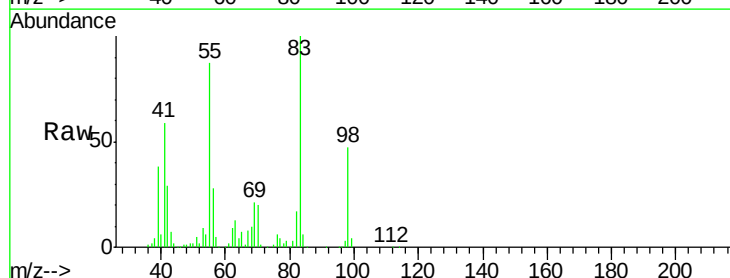
Tgt Ion: 83 Resp: 266516

Ion Ratio Lower Upper

83 100

55 86.6 69.8 104.8

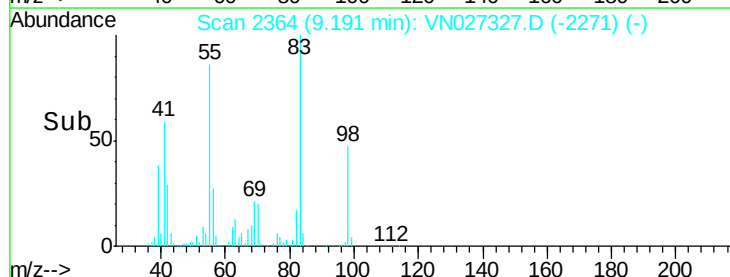
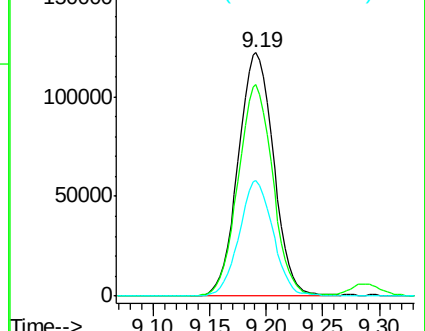
98 47.4 34.3 51.5



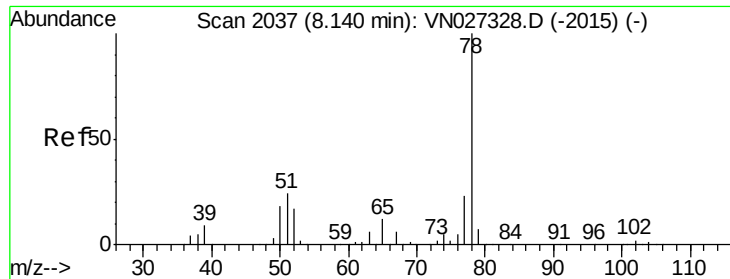
Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO







#41

Benzene

Concen: 18.24 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

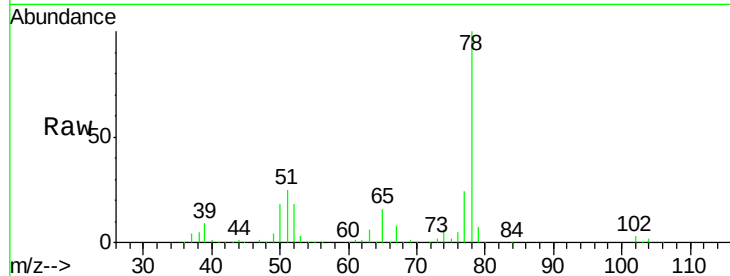
VSTDIC020

Tgt Ion: 78 Resp: 666482

Ion Ratio Lower Upper

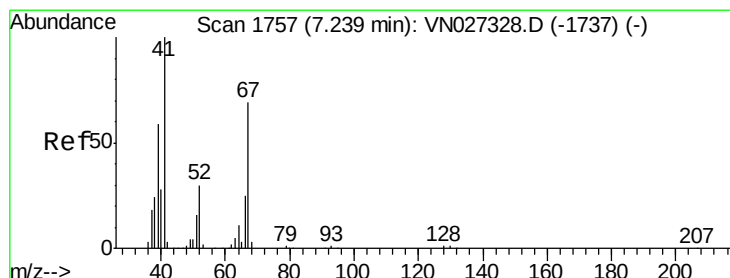
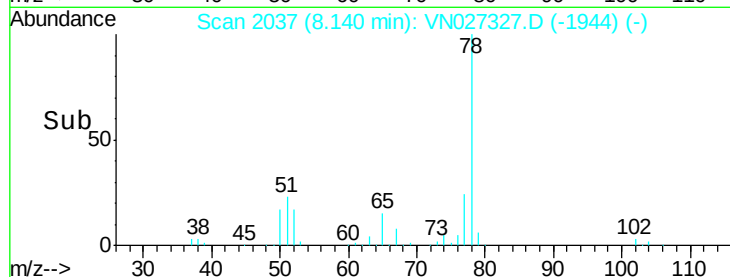
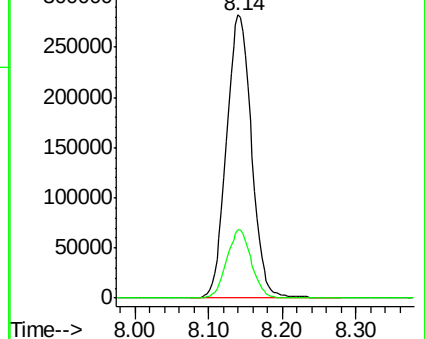
78 100

77 24.1 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#42

Methacrylonitrile

Concen: 17.19 ug/l

RT: 7.24 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Tgt Ion: 41 Resp: 104019

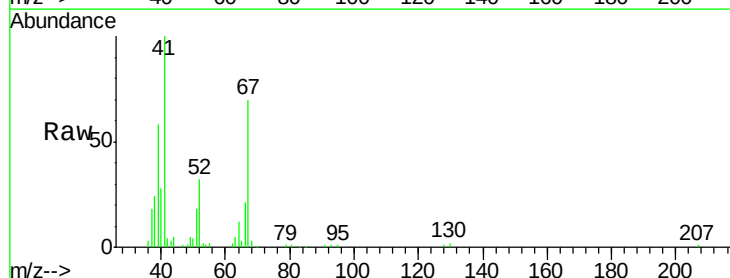
Ion Ratio Lower Upper

41 100

39 60.0 43.0 64.6

67 76.4 52.2 78.2

52 35.6 21.3 31.9#

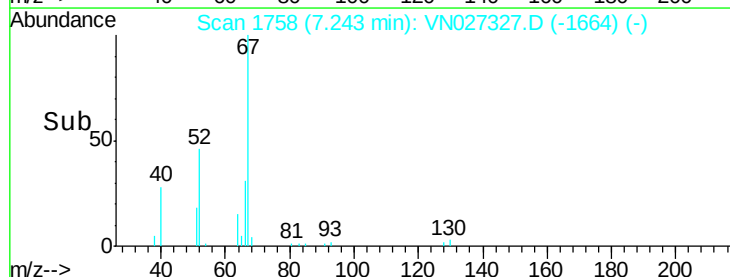
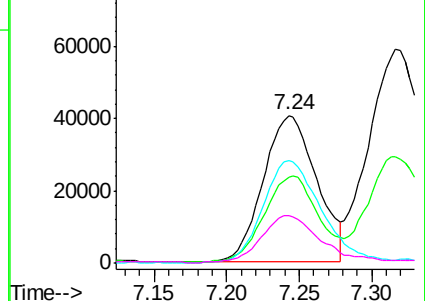


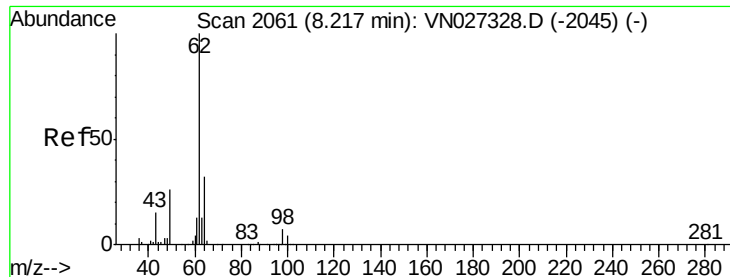
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

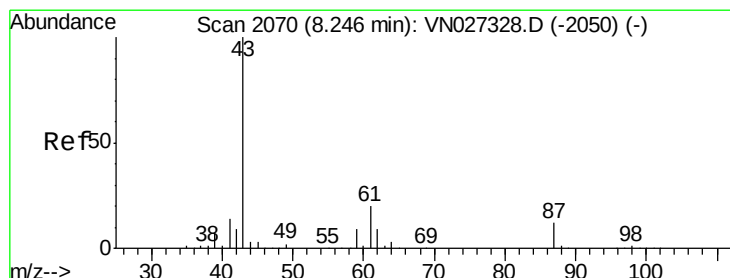
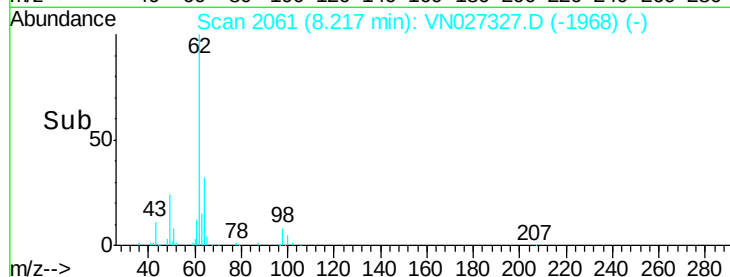
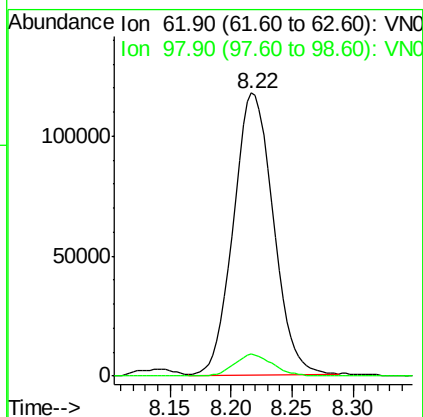
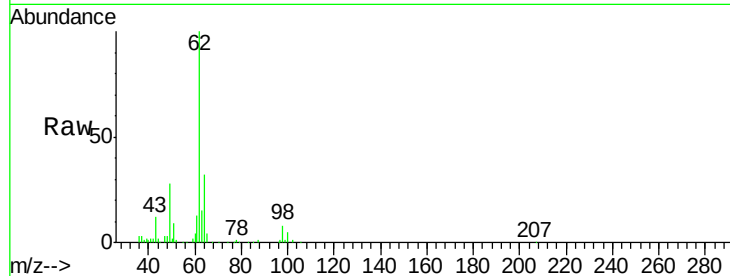




#43  
 1,2-Dichloroethane  
 Concen: 18.08 ug/l  
 RT: 8.22 min Scan# 2061  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

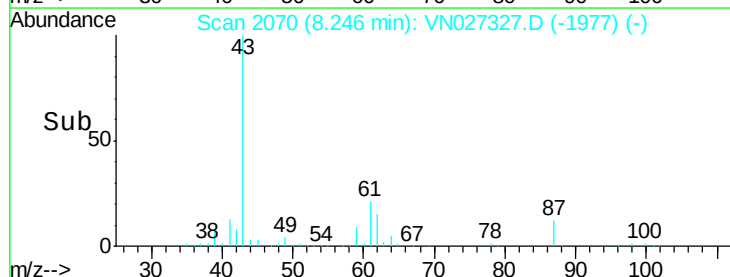
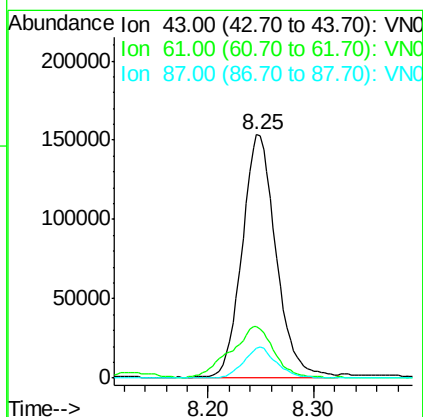
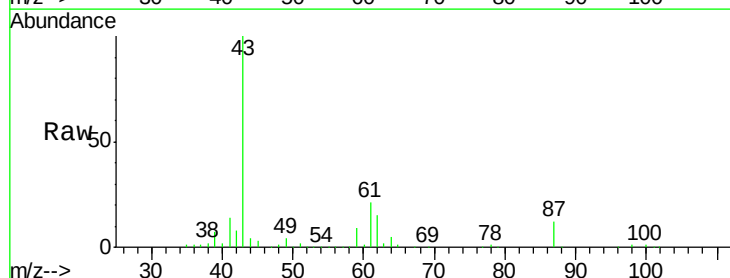
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

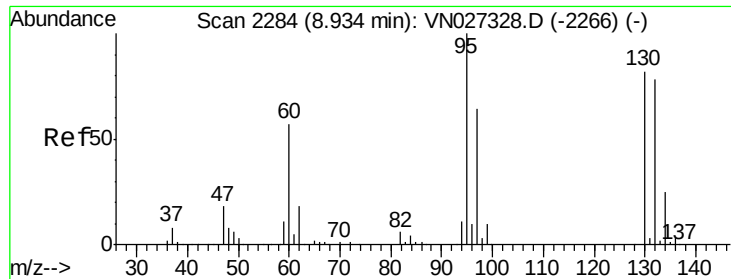
Tgt Ion: 62 Resp: 266140  
 Ion Ratio Lower Upper  
 62 100  
 98 7.7 0.0 18.0



#44  
 Isopropyl Acetate  
 Concen: 17.03 ug/l  
 RT: 8.25 min Scan# 2070  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Tgt Ion: 43 Resp: 340813  
 Ion Ratio Lower Upper  
 43 100  
 61 26.8 20.6 31.0  
 87 12.3 8.6 13.0





#45

Trichloroethene

Concen: 17.92 ug/l

RT: 8.94 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

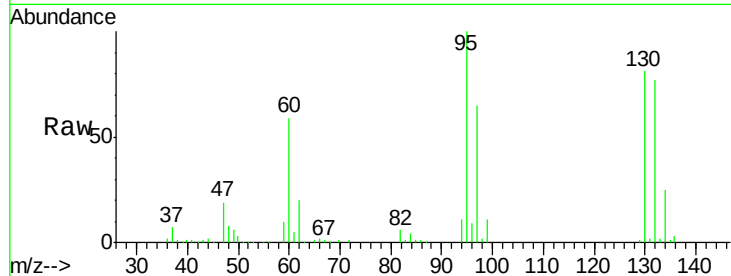
VSTDIC020

Tgt Ion:130 Resp: 131496

Ion Ratio Lower Upper

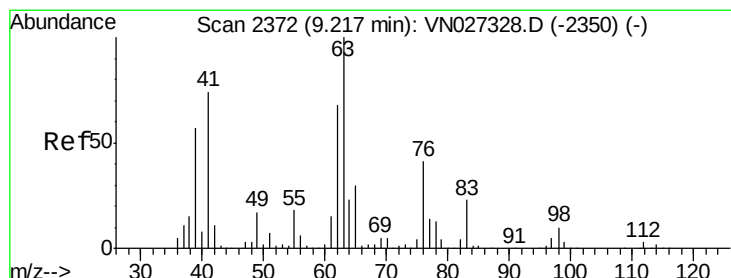
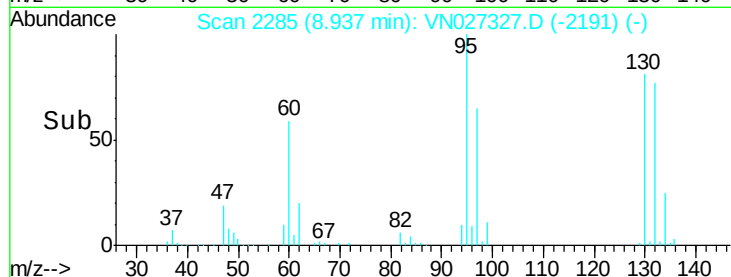
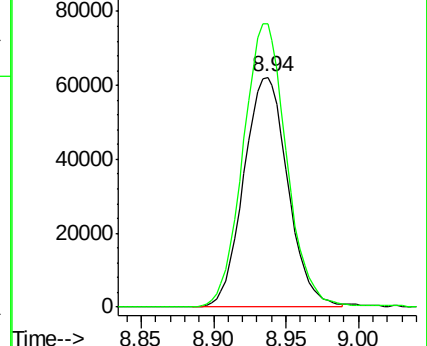
130 100

95 122.7 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#46

1,2-Dichloropropane

Concen: 17.85 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027327.D

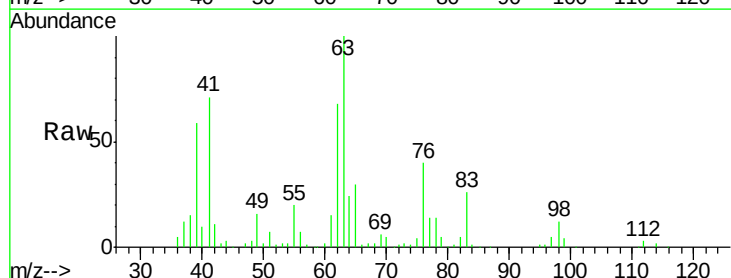
Acq: 21 Sep 2015 11:14

Tgt Ion: 63 Resp: 187564

Ion Ratio Lower Upper

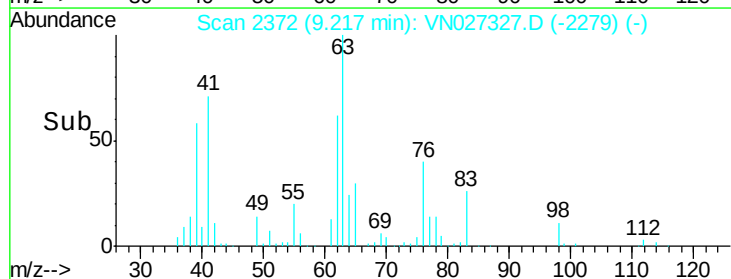
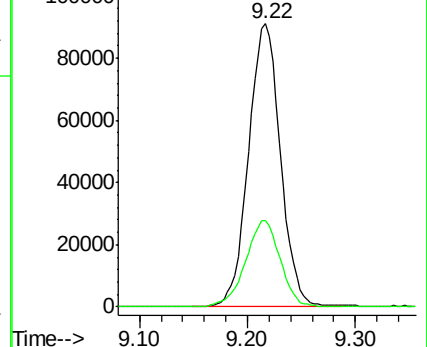
63 100

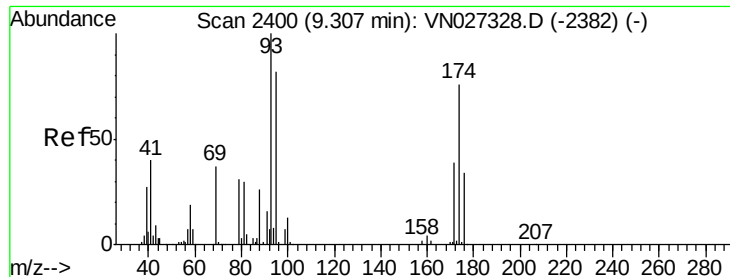
65 30.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





#47

Dibromomethane

Concen: 17.89 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

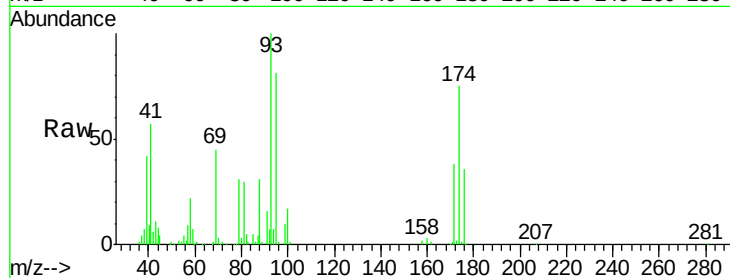
Tgt Ion: 93 Resp: 110391

Ion Ratio Lower Upper

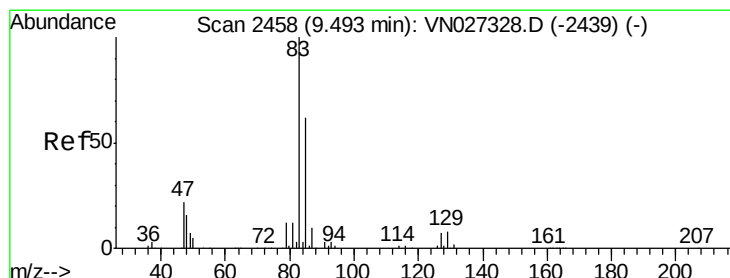
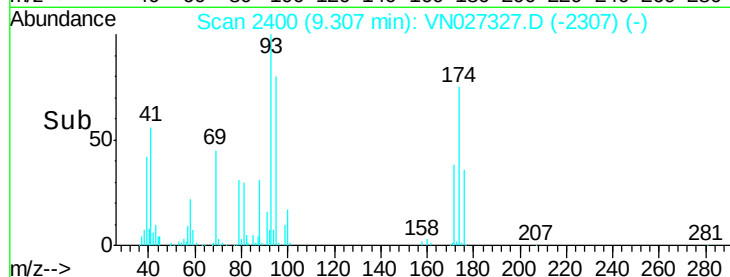
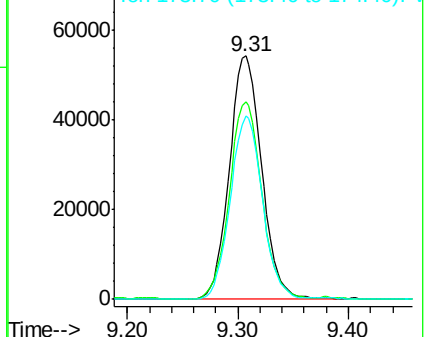
93 100

95 81.6 66.3 99.5

174 75.3 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VN0  
Ion 94.80 (94.50 to 95.50): VN0  
Ion 173.70 (173.40 to 174.40): V



#48

Bromodichloromethane

Concen: 18.12 ug/l

RT: 9.50 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

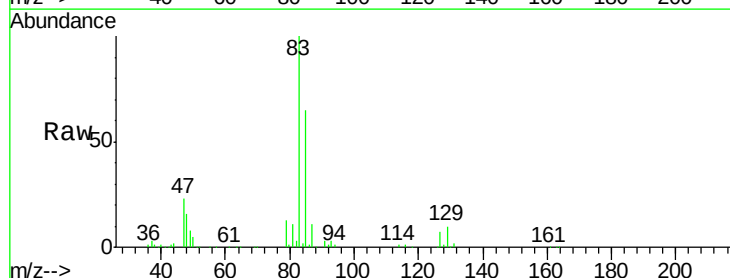
Tgt Ion: 83 Resp: 235642

Ion Ratio Lower Upper

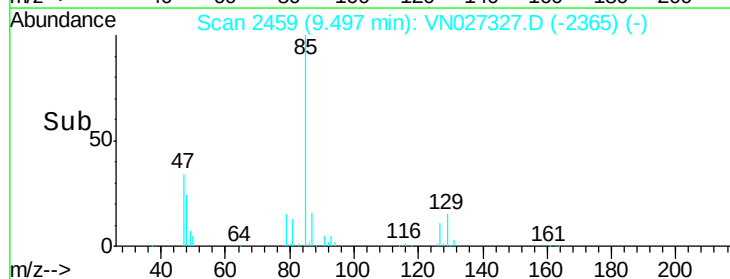
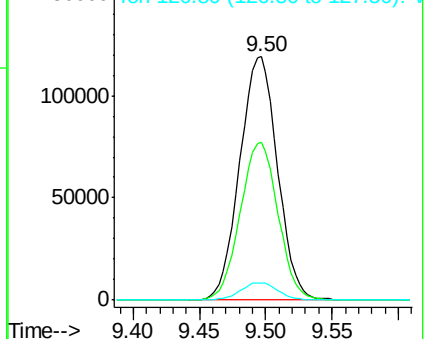
83 100

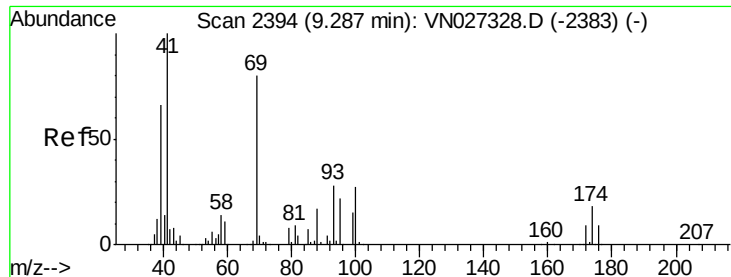
85 64.7 50.7 76.1

127 7.1 5.5 8.3



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): V

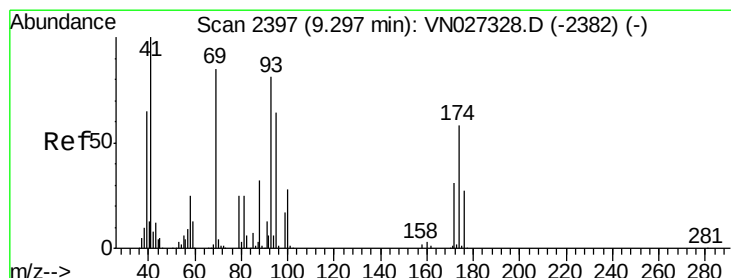
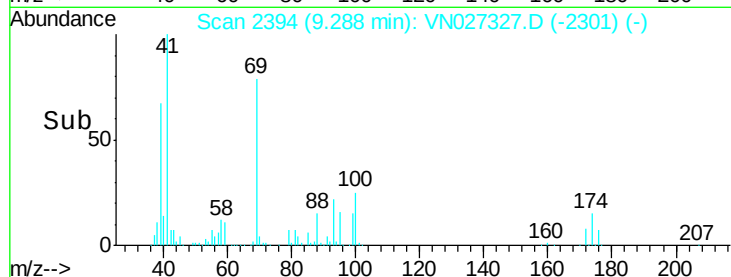
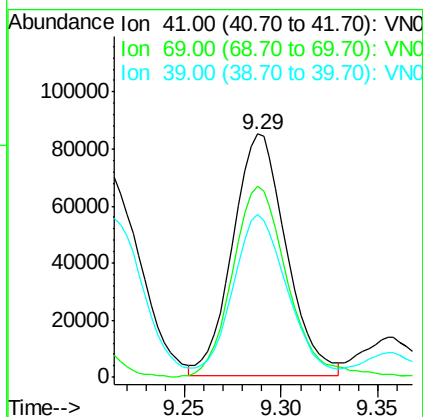
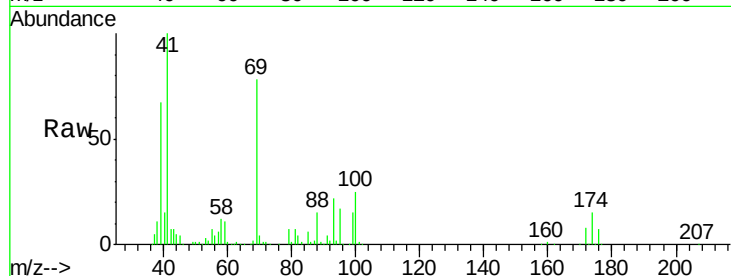




#49  
Methyl methacrylate  
Concen: 16.38 ug/l  
RT: 9.29 min Scan# 2394  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

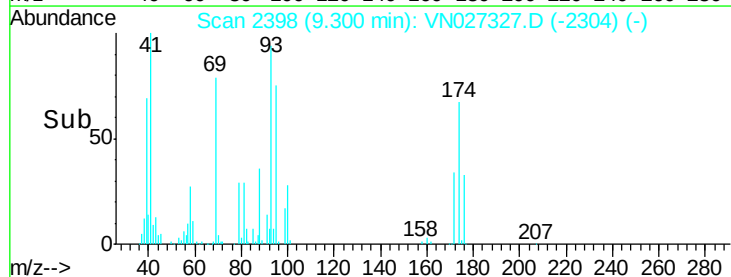
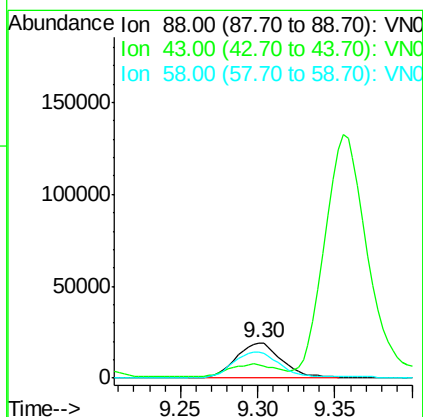
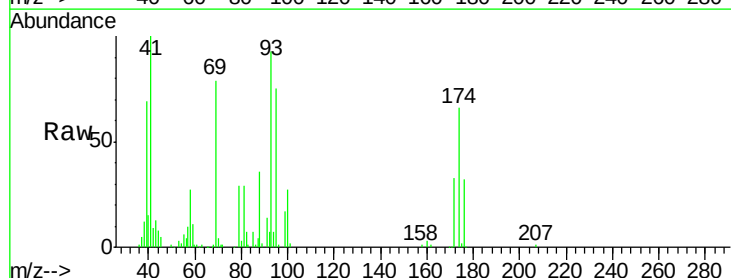
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC020

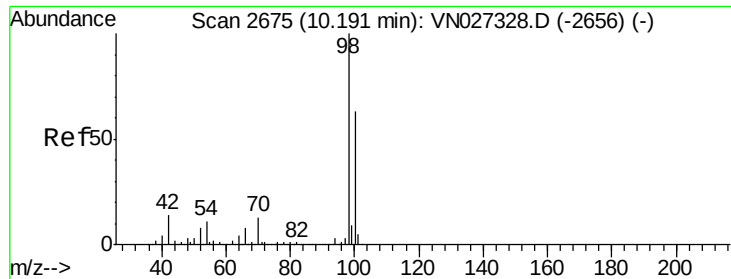
Tgt Ion: 41 Resp: 163240  
Ion Ratio Lower Upper  
41 100  
69 80.5 59.3 88.9  
39 67.8 39.5 59.3#



#50  
1,4-Dioxane  
Concen: 339.86 ug/l  
RT: 9.30 min Scan# 2398  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Tgt Ion: 88 Resp: 39733  
Ion Ratio Lower Upper  
88 100  
43 35.7 27.6 41.4  
58 77.6 63.1 94.7





#51

Toluene-d8

Concen: 20.05 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

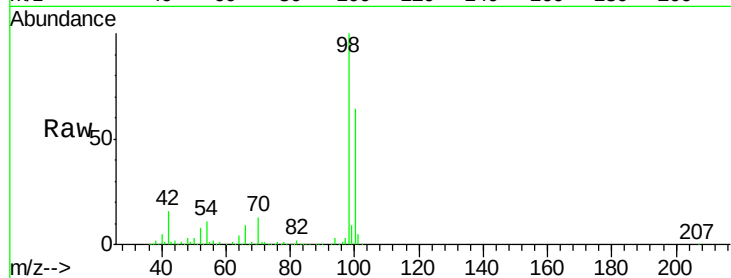
VSTDIC020

Tgt Ion: 98 Resp: 582071

Ion Ratio Lower Upper

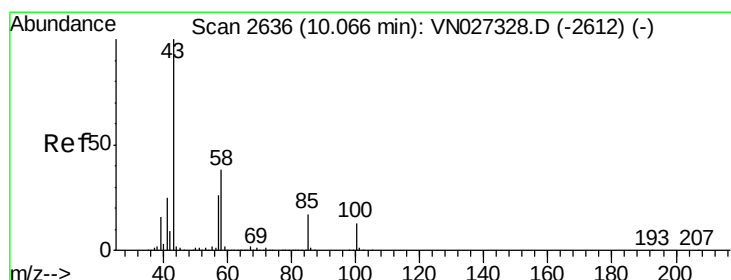
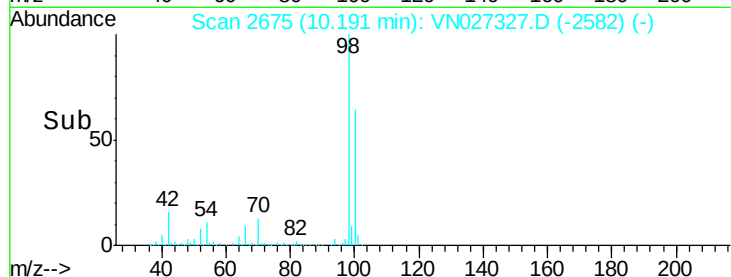
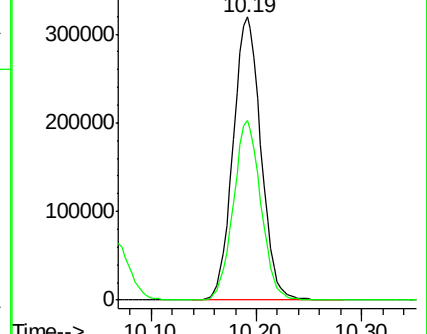
98 100

100 62.9 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

4-Methyl-2-Pentanone

Concen: 86.80 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027327.D

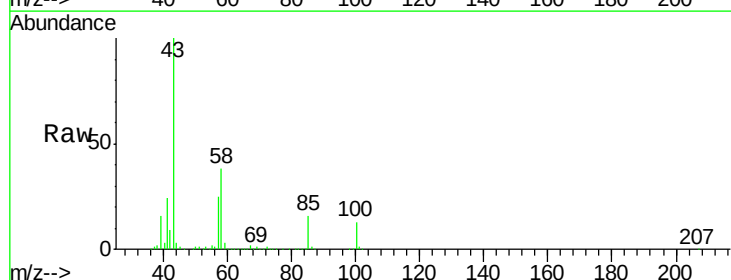
Acq: 21 Sep 2015 11:14

Tgt Ion: 43 Resp: 918211

Ion Ratio Lower Upper

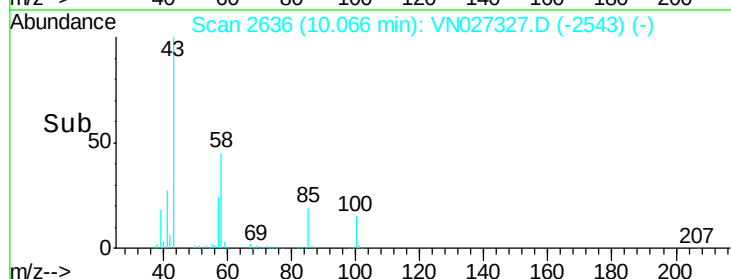
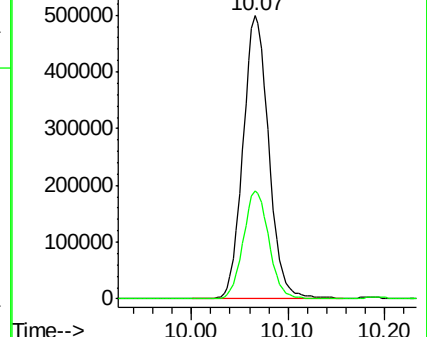
43 100

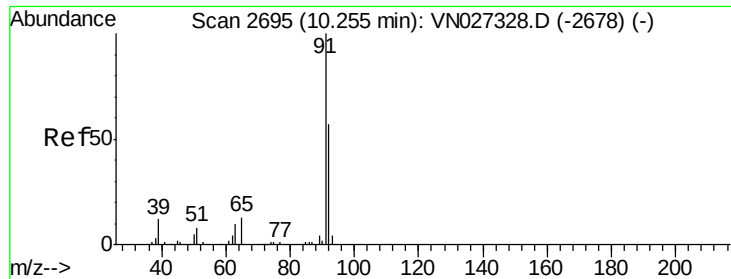
58 38.3 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 18.19 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

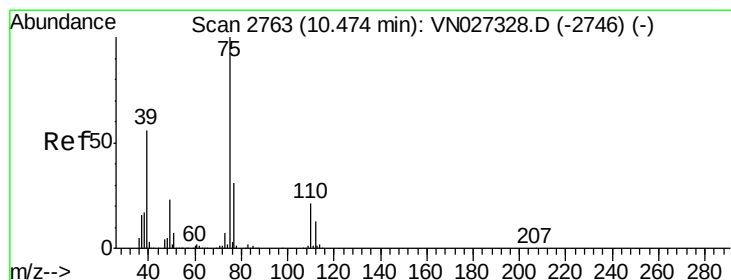
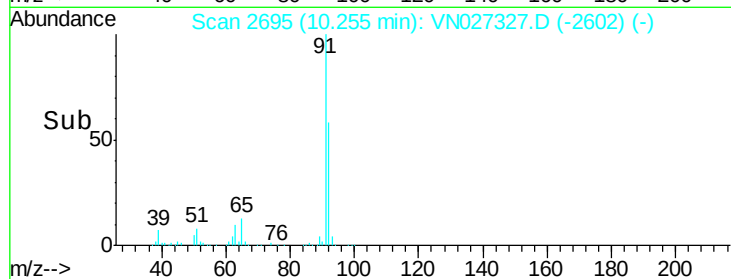
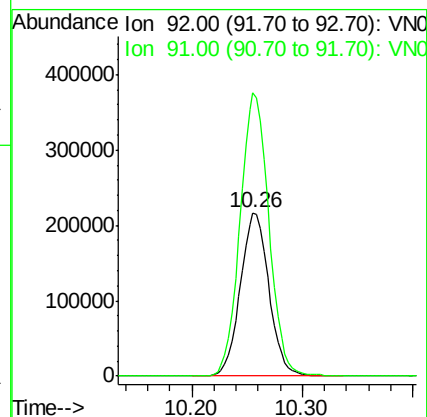
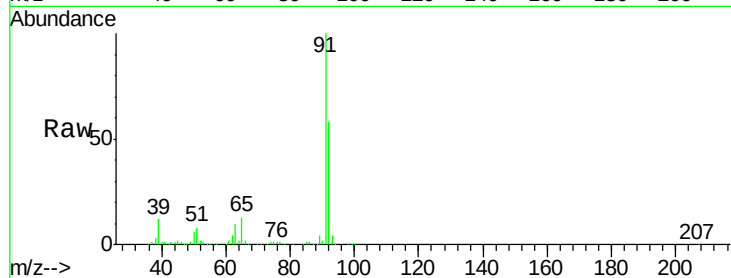
VSTDIC020

Tgt Ion: 92 Resp: 389315

Ion Ratio Lower Upper

92 100

91 174.6 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 17.29 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027327.D

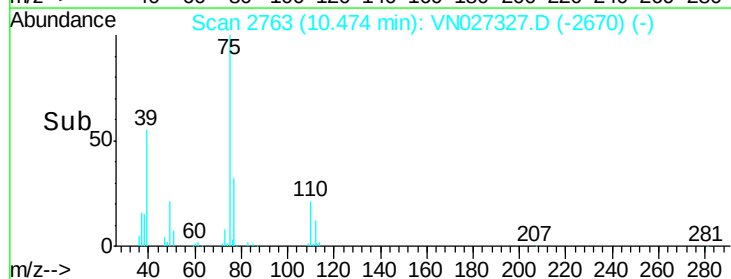
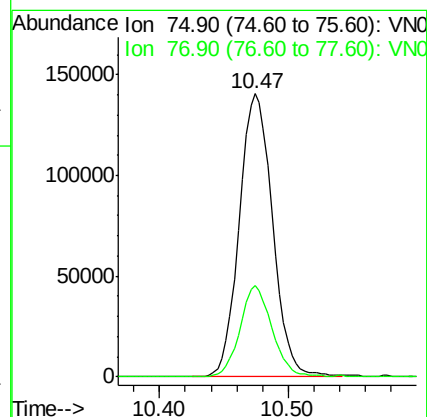
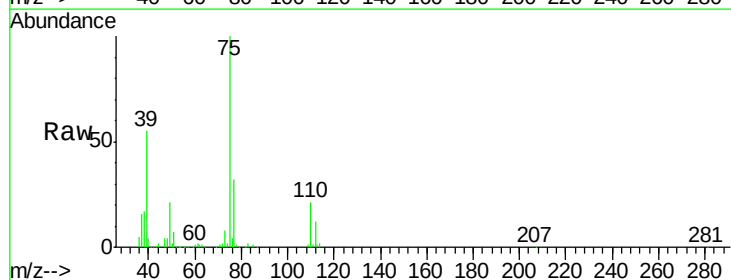
Acq: 21 Sep 2015 11:14

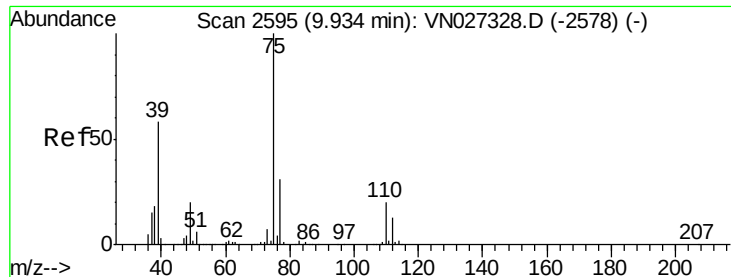
Tgt Ion: 75 Resp: 252527

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 17.35 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

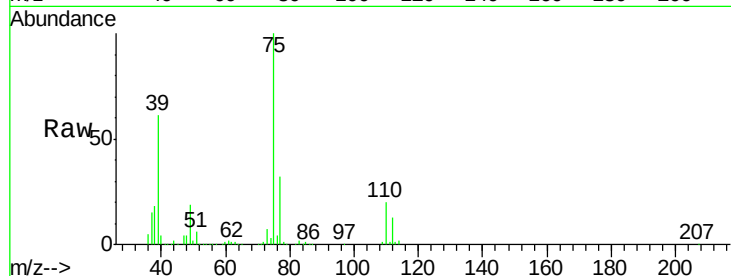
Tgt Ion: 75 Resp: 275656

Ion Ratio Lower Upper

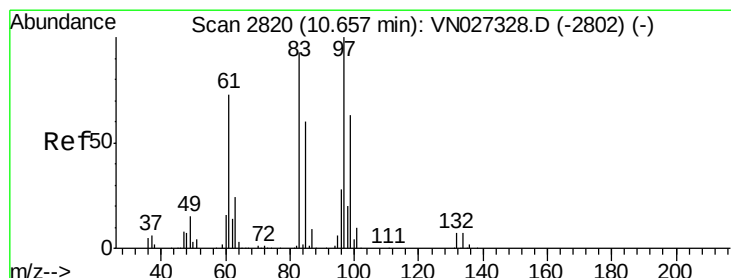
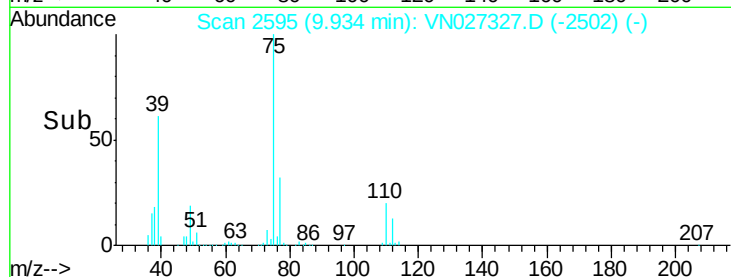
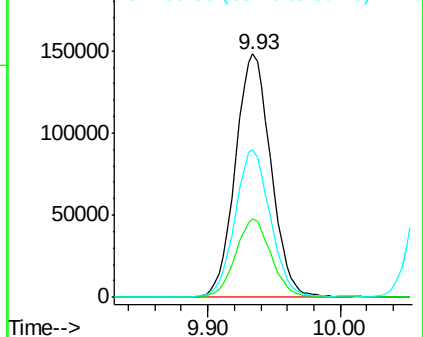
75 100

77 32.1 25.6 38.4

39 60.6 41.6 62.4



Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 76.90 (76.60 to 77.60): VN0  
Ion 39.00 (38.70 to 39.70): VN0



#56

1,1,2-Trichloroethane

Concen: 18.45 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Tgt Ion: 97 Resp: 148363

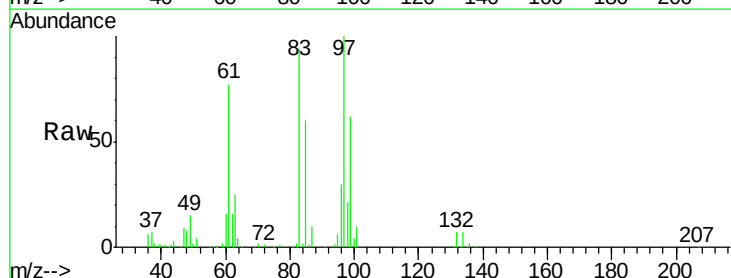
Ion Ratio Lower Upper

97 100

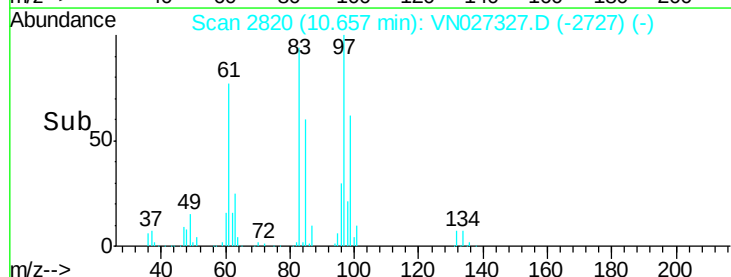
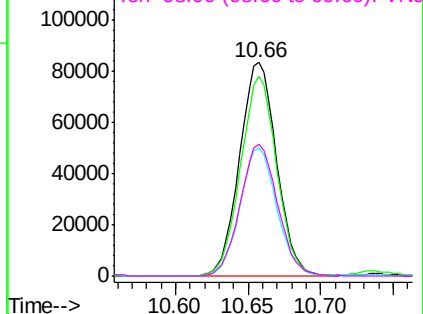
83 93.7 75.0 112.4

85 59.9 48.0 72.0

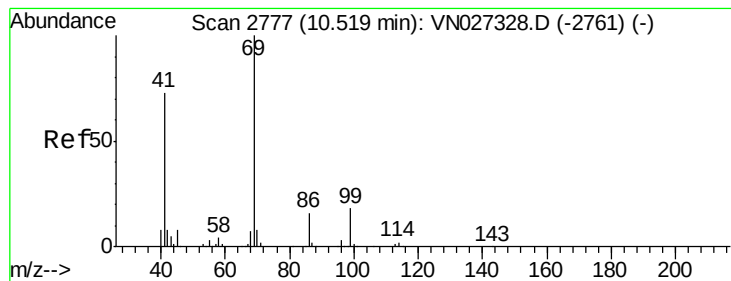
99 61.5 50.3 75.5



Abundance Ion 96.90 (96.60 to 97.60): VN0  
Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 98.90 (98.60 to 99.60): VN0







#57

Ethyl methacrylate

Concen: 17.42 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

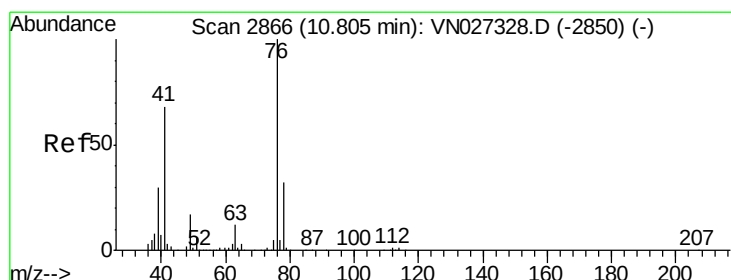
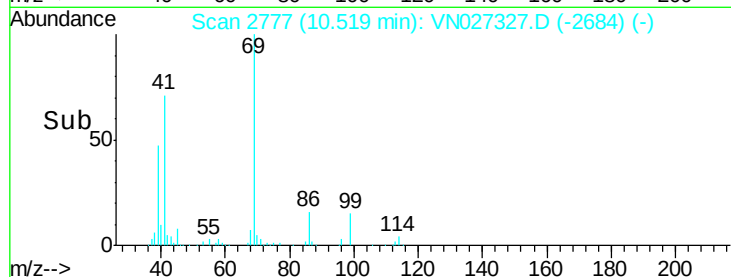
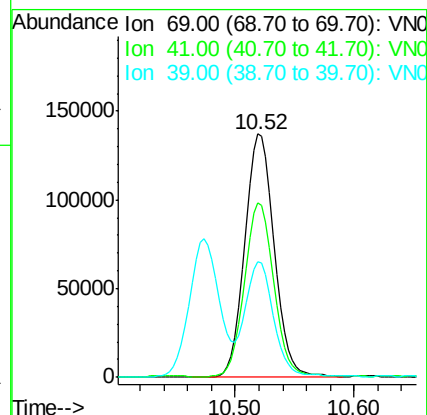
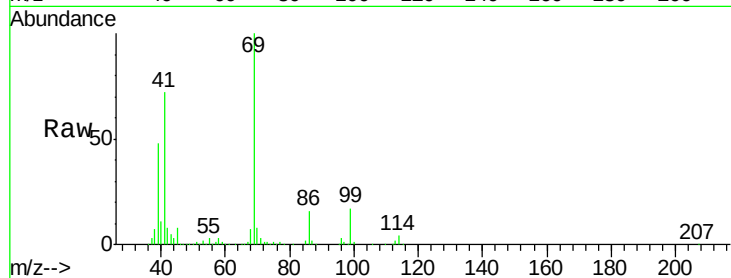
Tgt Ion: 69 Resp: 236049

Ion Ratio Lower Upper

69 100

41 70.7 61.3 91.9

39 44.4 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 18.14 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027327.D

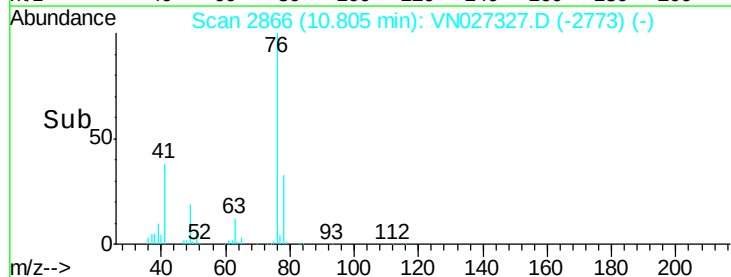
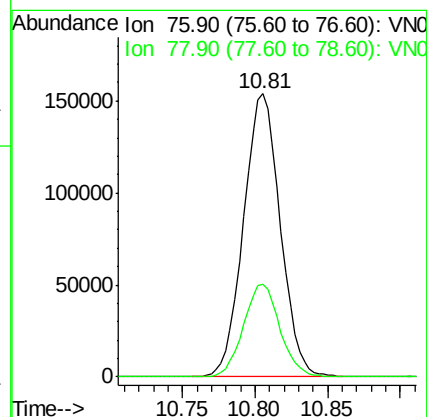
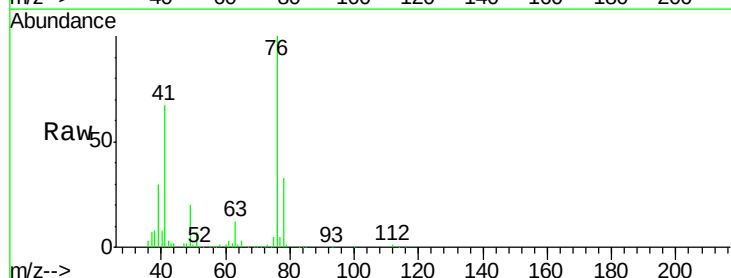
Acq: 21 Sep 2015 11:14

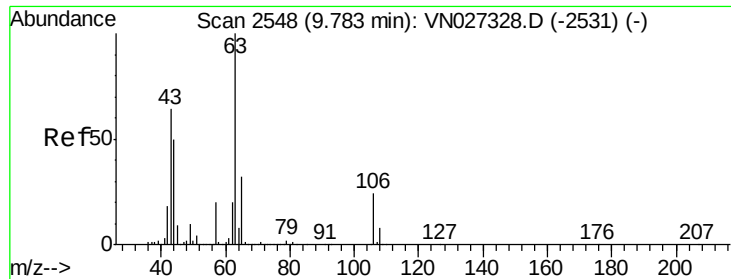
Tgt Ion: 76 Resp: 270752

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6

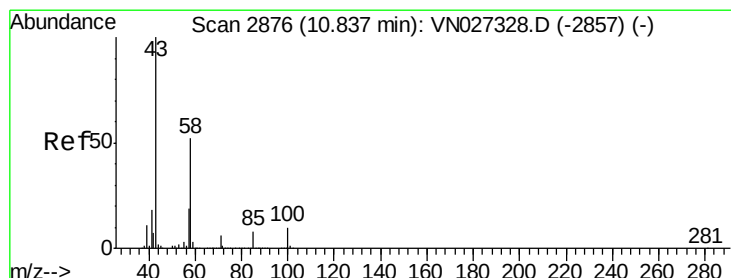
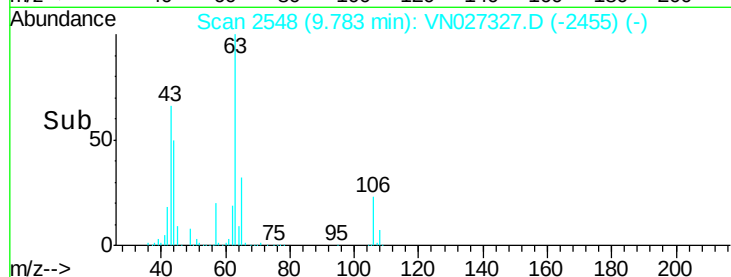
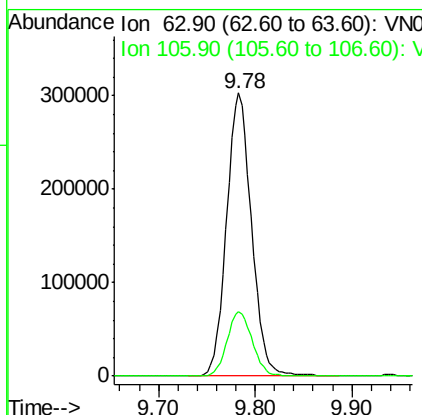
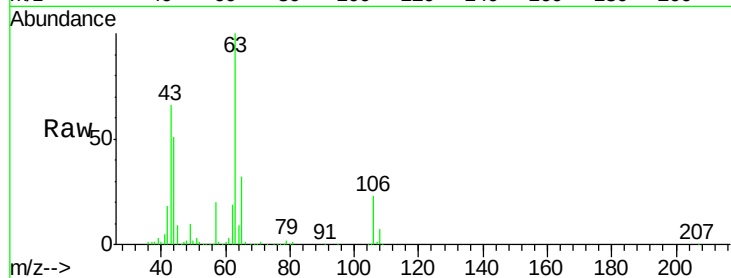




#59  
 2-Chloroethyl Vinyl ether  
 Concen: 87.24 ug/l  
 RT: 9.78 min Scan# 2548  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

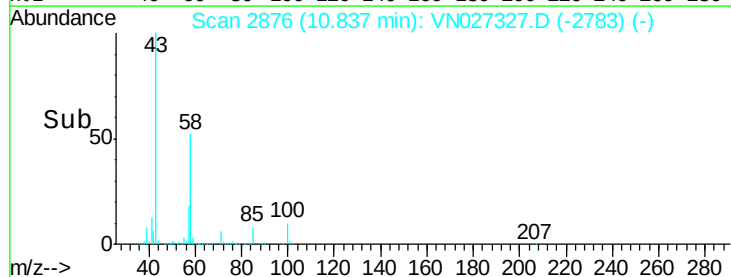
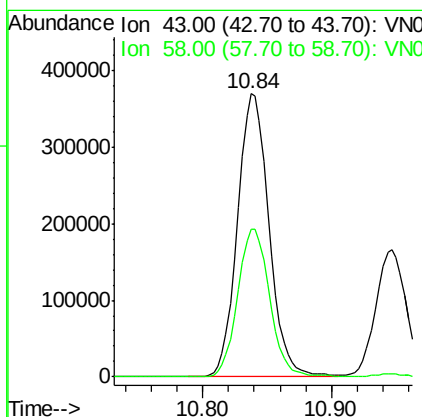
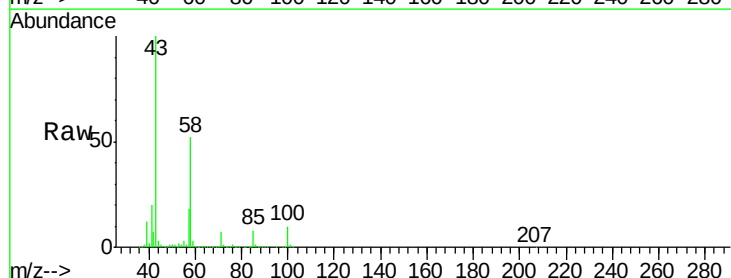
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

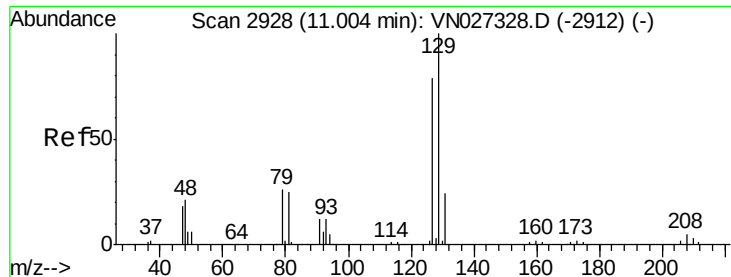
Tgt Ion: 63 Resp: 542865  
 Ion Ratio Lower Upper  
 63 100  
 106 23.0 17.7 26.5



#60  
 2-Hexanone  
 Concen: 87.26 ug/l  
 RT: 10.84 min Scan# 2876  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Tgt Ion: 43 Resp: 628492  
 Ion Ratio Lower Upper  
 43 100  
 58 53.2 26.2 78.5

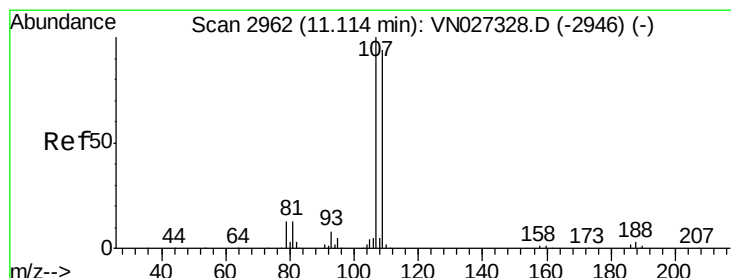
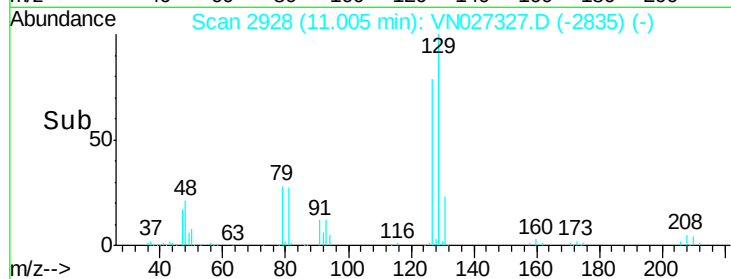
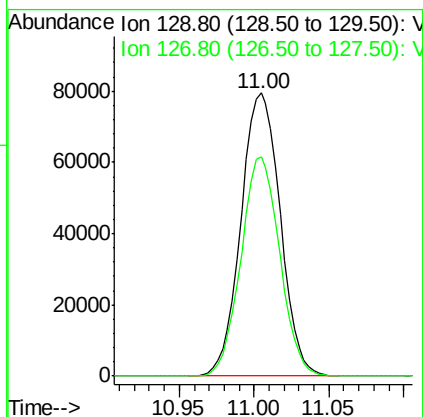
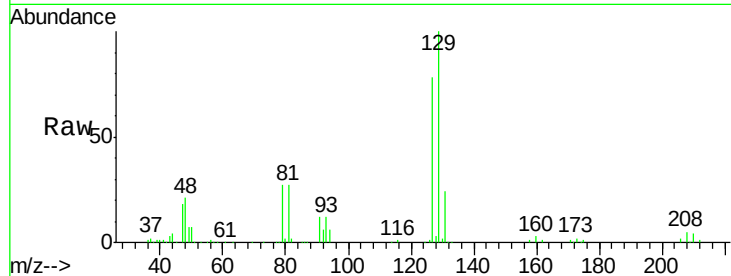




#61  
Dibromochloromethane  
Concen: 17.69 ug/l  
RT: 11.00 min Scan# 2928  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

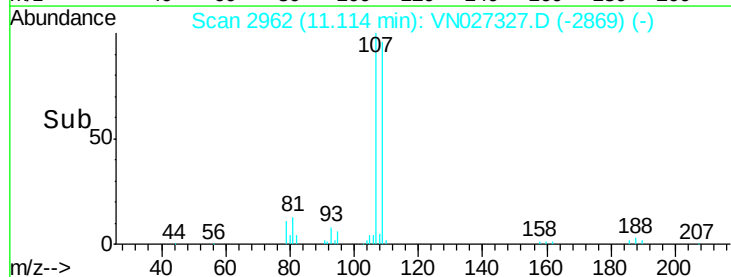
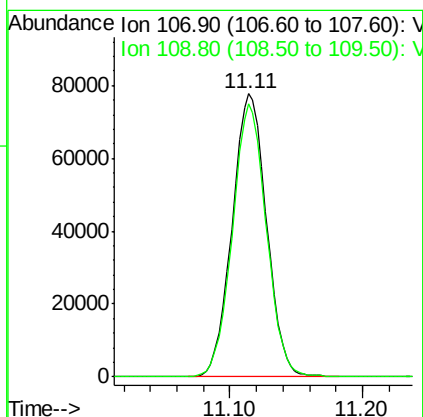
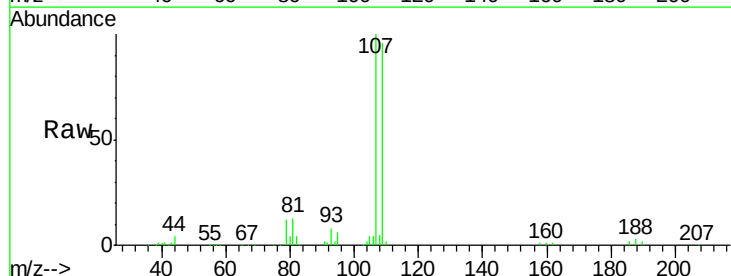
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

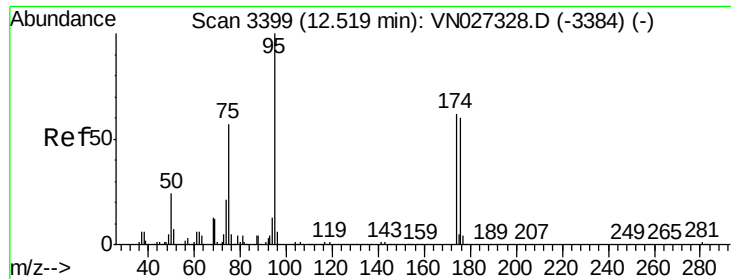
Tgt Ion:129 Resp: 145307  
Ion Ratio Lower Upper  
129 100  
127 76.4 39.1 117.2



#62  
1,2-Dibromoethane  
Concen: 17.70 ug/l  
RT: 11.11 min Scan# 2962  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Tgt Ion:107 Resp: 139892  
Ion Ratio Lower Upper  
107 100  
109 95.0 75.6 113.4

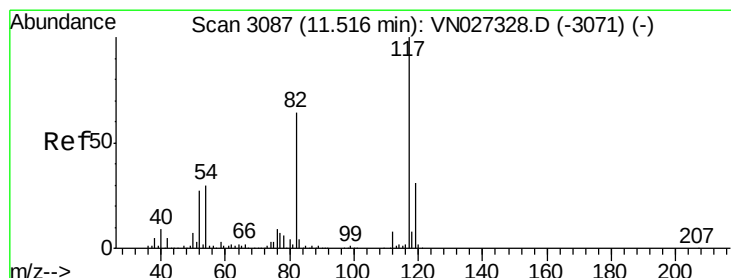
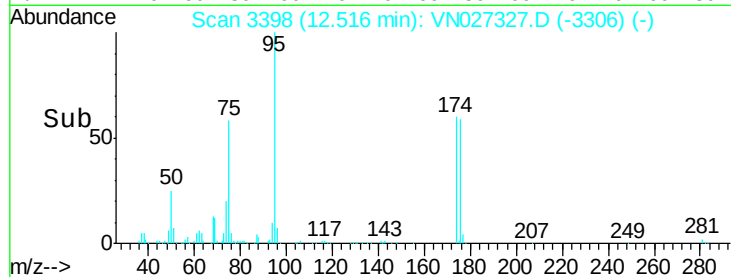
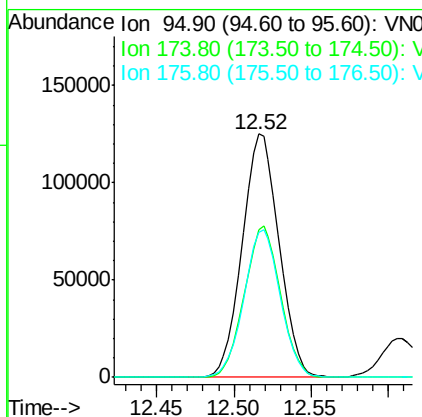
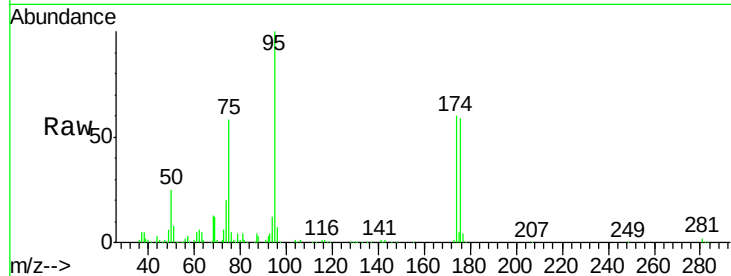




#63  
4-Bromofluorobenzene  
Concen: 20.14 ug/l  
RT: 12.52 min Scan# 3398  
Delta R.T. -0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

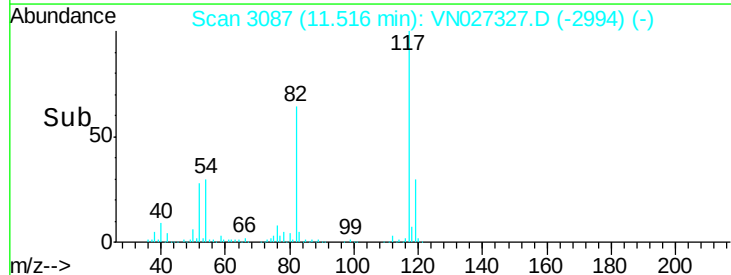
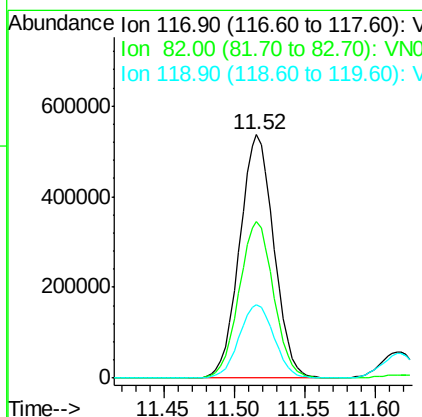
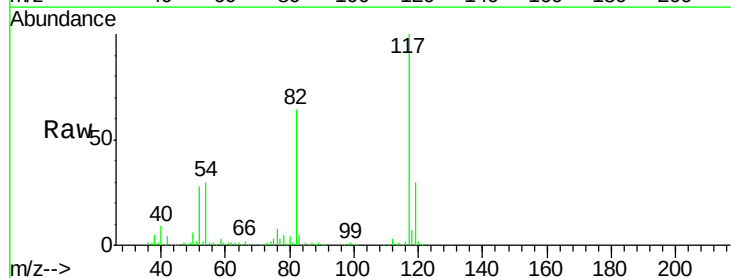
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

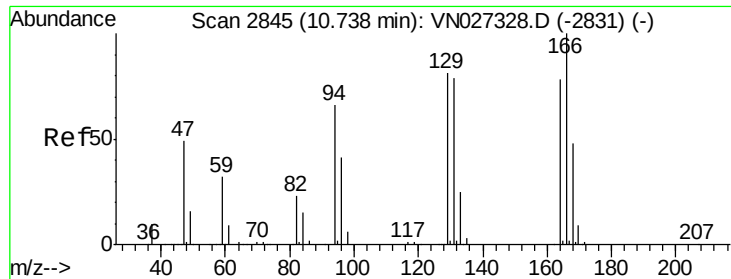
Tgt Ion: 95 Resp: 207480  
Ion Ratio Lower Upper  
95 100  
174 60.8 0.0 137.0  
176 59.8 0.0 130.8



#64  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.52 min Scan# 3087  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Tgt Ion: 117 Resp: 913490  
Ion Ratio Lower Upper  
117 100  
82 64.5 49.6 74.4  
119 30.2 24.6 36.8





#65

Tetrachloroethene

Concen: 17.84 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

Tgt Ion:164 Resp: 104242

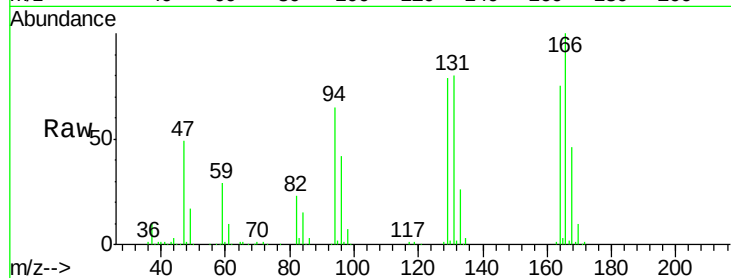
Ion Ratio Lower Upper

164 100

166 132.5 103.4 155.0

129 104.7 77.5 116.3

131 105.2 74.2 111.4

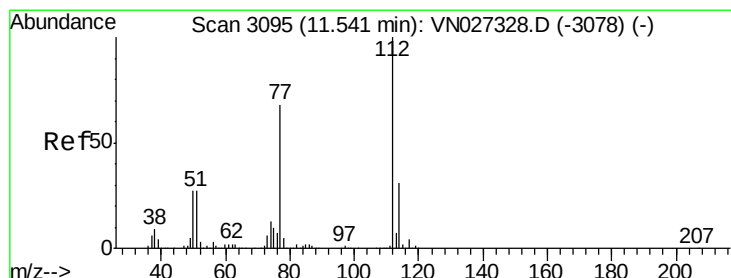
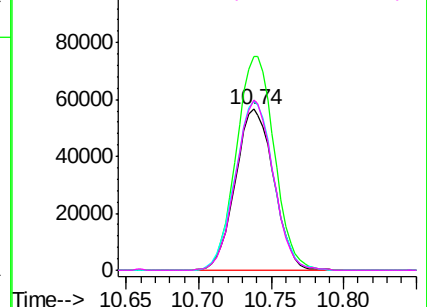
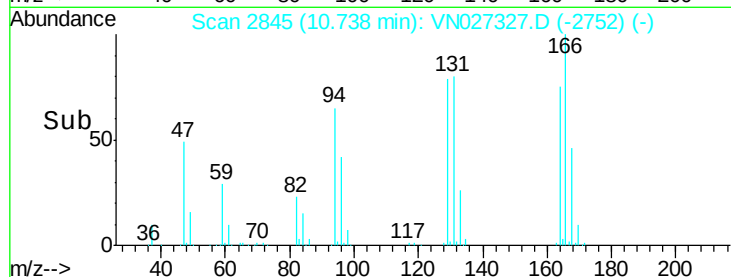


Abundance Ion 163.80 (163.50 to 164.50): V

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: 17.88 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027327.D

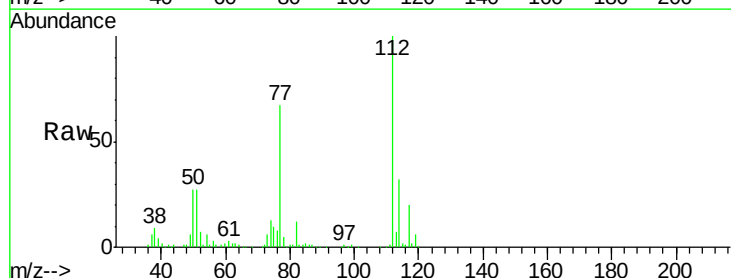
Acq: 21 Sep 2015 11:14

Tgt Ion:112 Resp: 385610

Ion Ratio Lower Upper

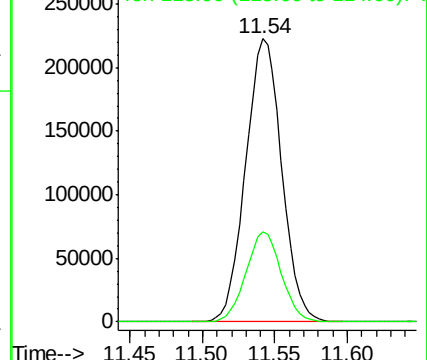
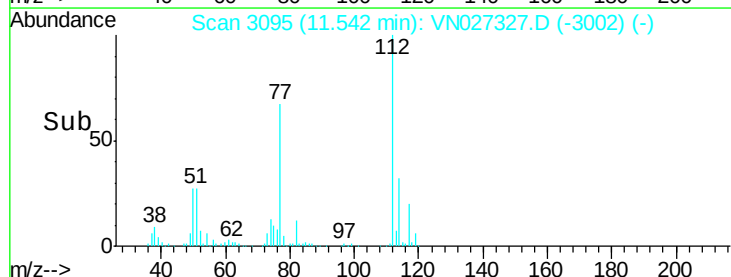
112 100

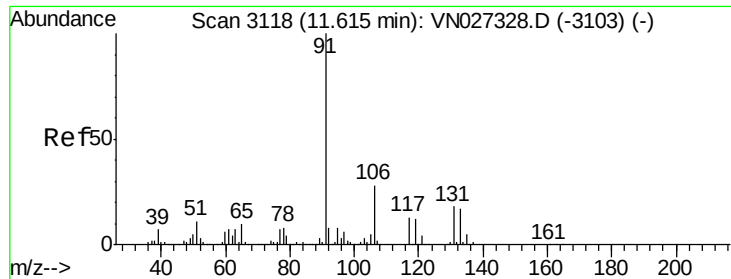
114 31.7 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

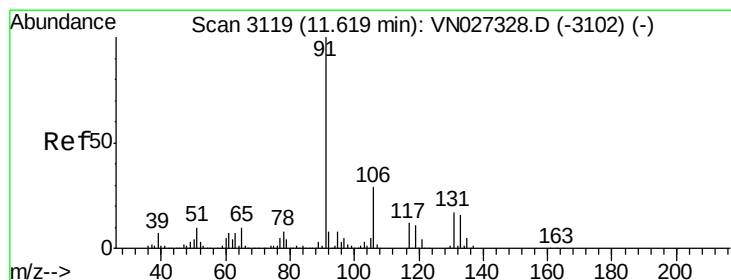
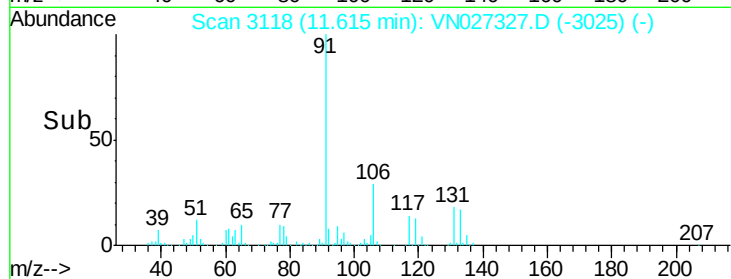
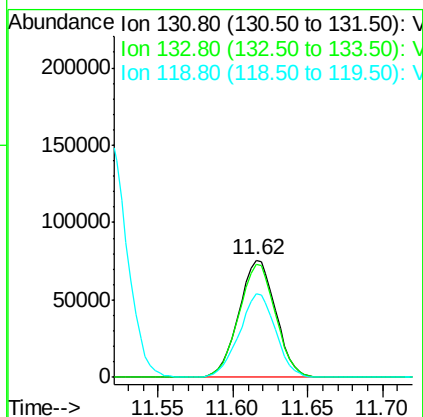
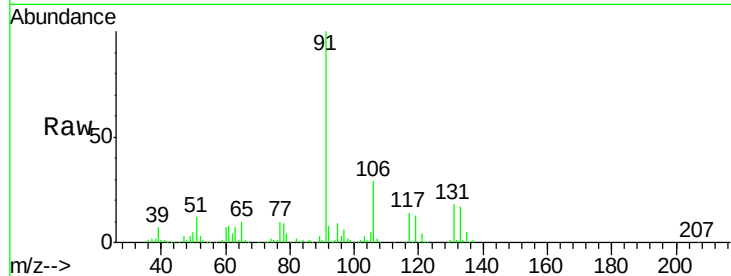




#67  
 1,1,1,2-Tetrachloroethane  
 Concen: 17.75 ug/l  
 RT: 11.62 min Scan# 3118  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

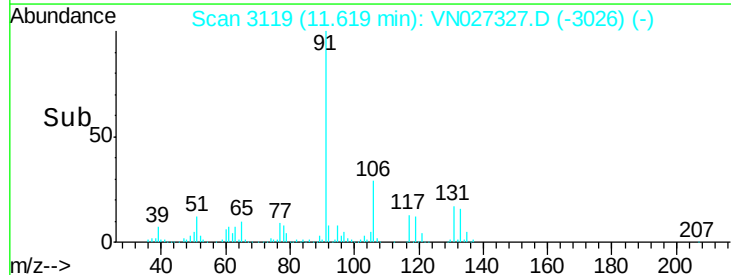
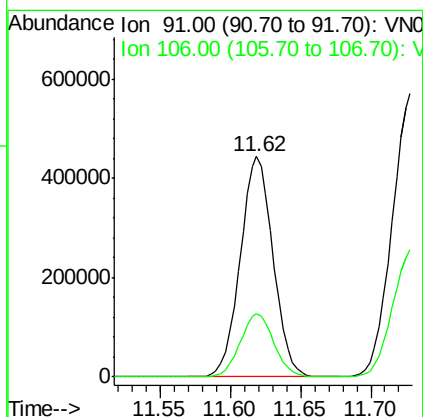
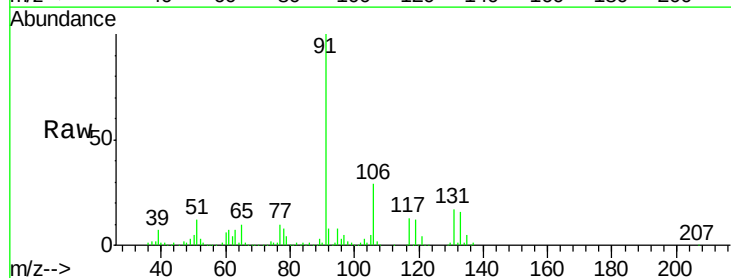
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

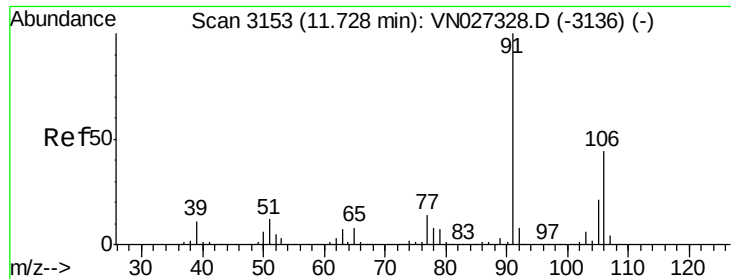
Tgt Ion: 131 Resp: 130558  
 Ion Ratio Lower Upper  
 131 100  
 133 95.8 47.0 141.2  
 119 69.3 35.1 105.5



#68  
 Ethyl Benzene  
 Concen: 17.67 ug/l  
 RT: 11.62 min Scan# 3119  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Tgt Ion: 91 Resp: 722769  
 Ion Ratio Lower Upper  
 91 100  
 106 28.7 23.1 34.7

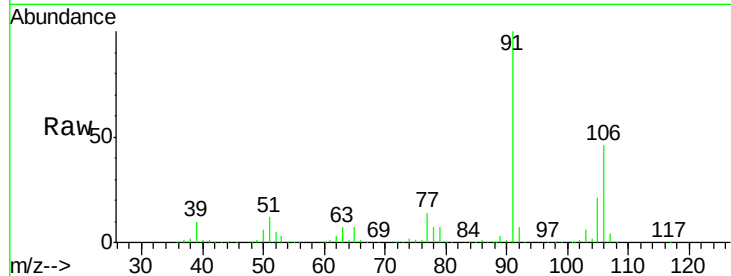




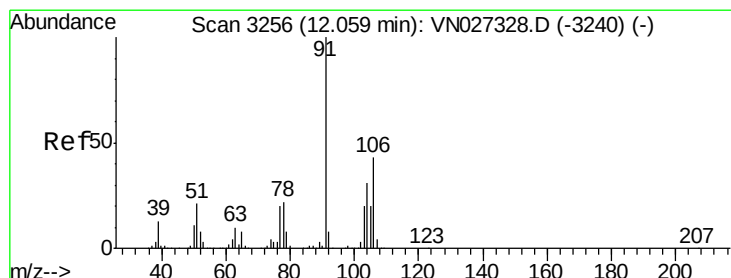
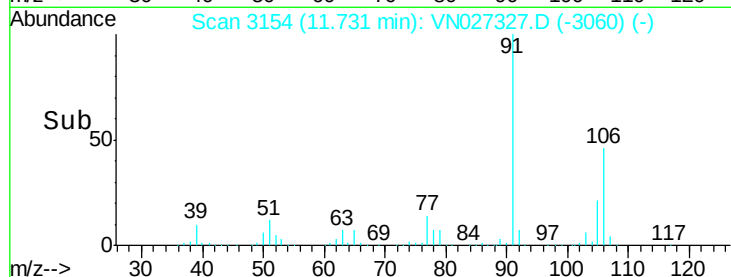
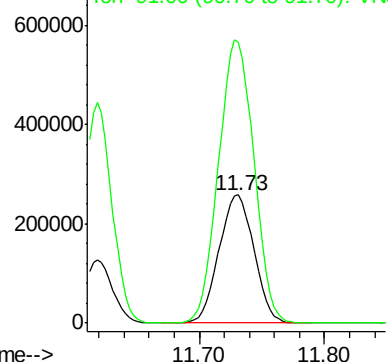
#69  
m/p-Xylenes  
Concen: 35.67 ug/l  
RT: 11.73 min Scan# 3154  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion:106 Resp: 503282  
Ion Ratio Lower Upper  
106 100  
91 223.2 167.1 250.7

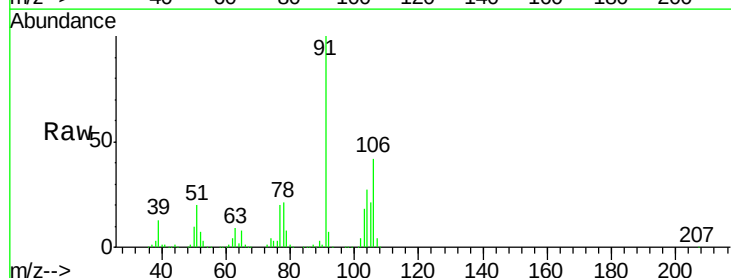


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN0

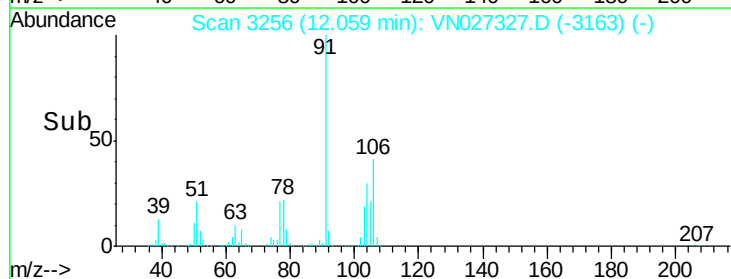
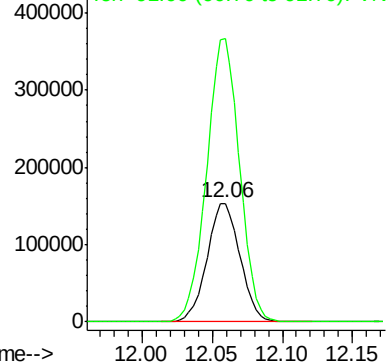


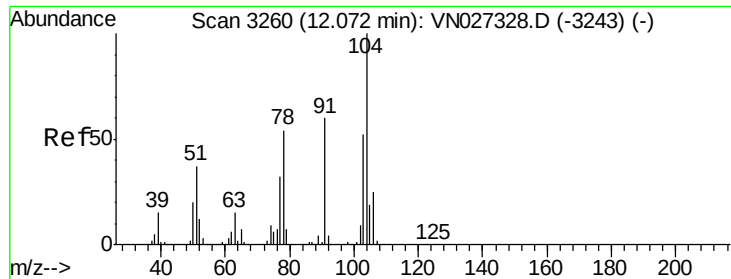
#70  
o-Xylene  
Concen: 17.78 ug/l  
RT: 12.06 min Scan# 3256  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Tgt Ion:106 Resp: 251472  
Ion Ratio Lower Upper  
106 100  
91 238.3 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN0

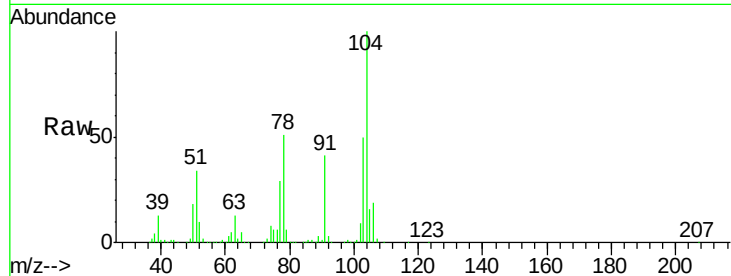




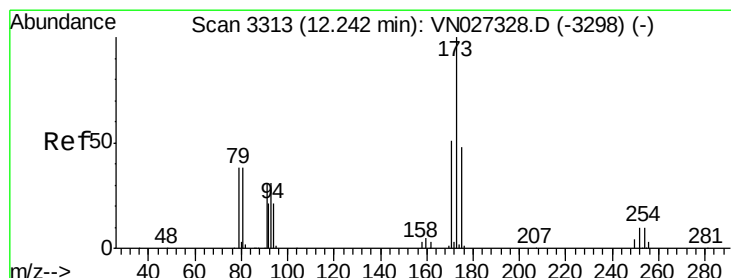
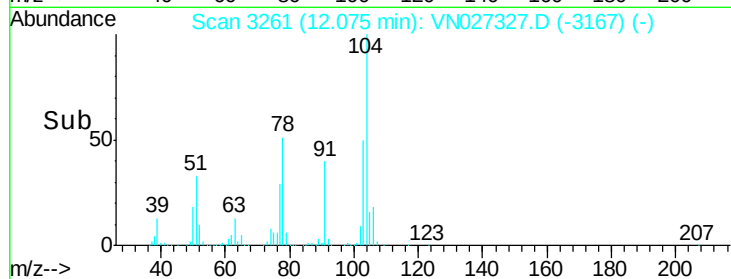
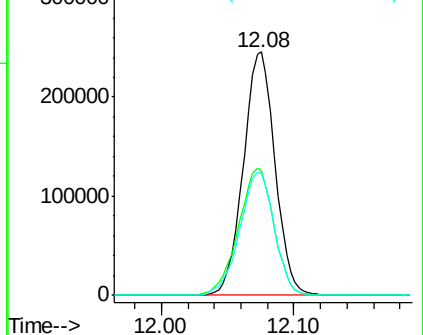
#71  
Styrene  
Concen: 17.85 ug/l  
RT: 12.08 min Scan# 3261  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion:104 Resp: 407502  
Ion Ratio Lower Upper  
104 100  
78 58.5 41.6 62.4  
103 55.3 44.2 66.2

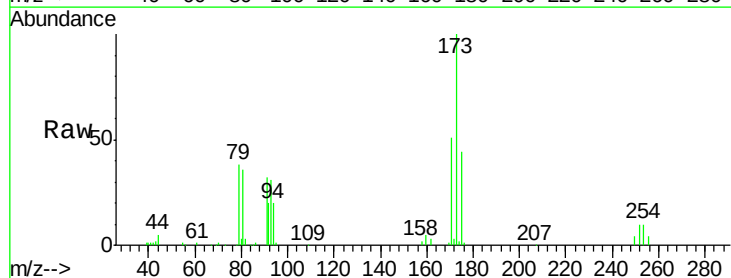


Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): V  
Ion 103.00 (102.70 to 103.70): V

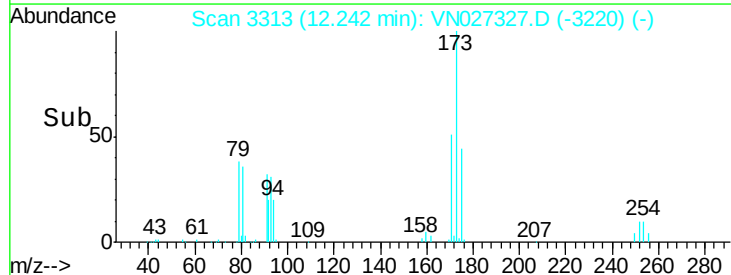
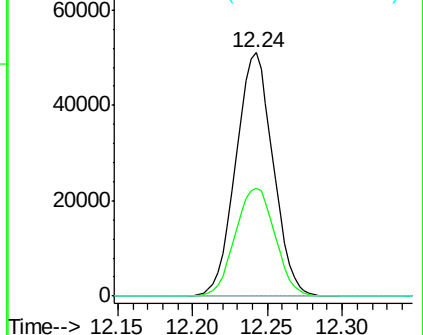


#72  
Bromoform  
Concen: 17.29 ug/l  
RT: 12.24 min Scan# 3313  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

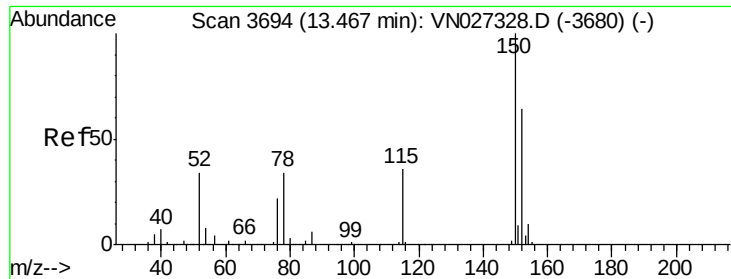
Tgt Ion:173 Resp: 88476  
Ion Ratio Lower Upper  
173 100  
175 47.3 24.4 73.4  
254 0.1 0.1 0.1#



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







#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

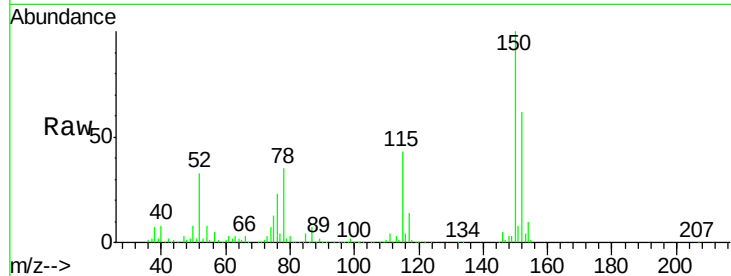
Tgt Ion:152 Resp: 338402

Ion Ratio Lower Upper

152 100

115 68.6 30.8 92.3

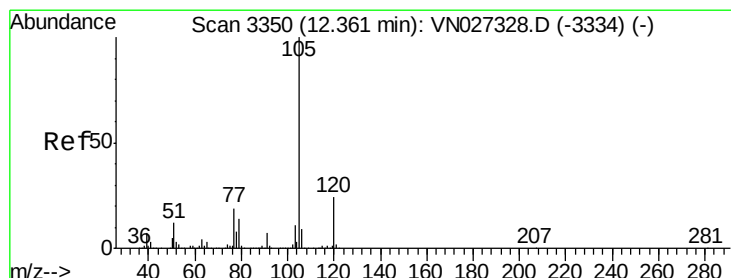
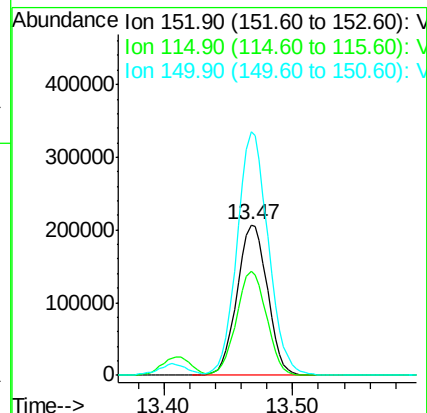
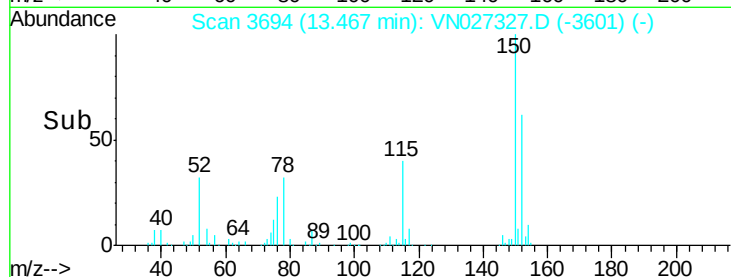
150 165.9 0.0 345.0



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: 18.22 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027327.D

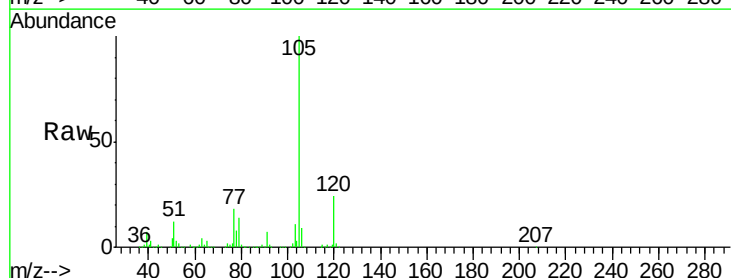
Acq: 21 Sep 2015 11:14

Tgt Ion:105 Resp: 679591

Ion Ratio Lower Upper

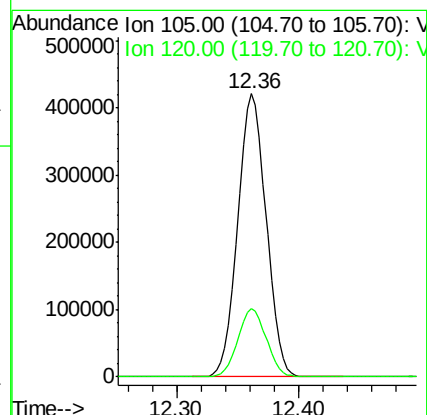
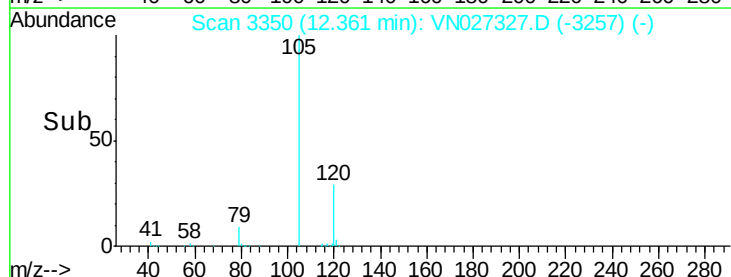
105 100

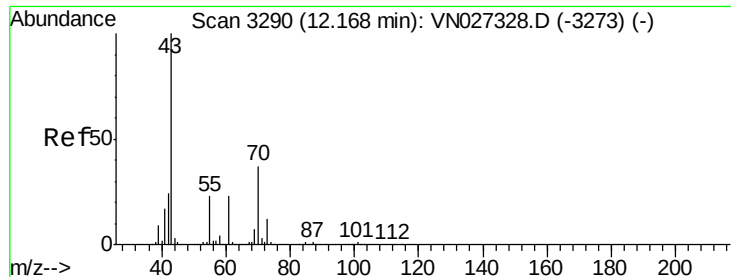
120 24.1 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 16.66 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

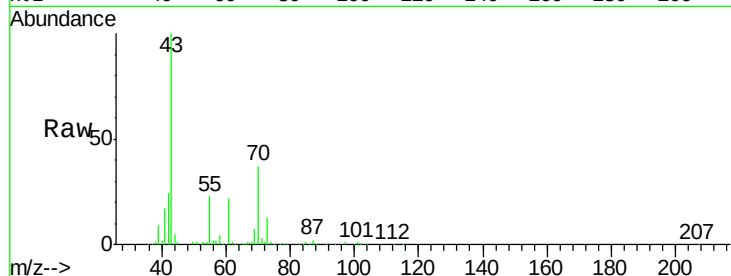
MSVOA\_N

ClientSampled :

VSTDIC020

Tgt Ion: 43 Resp: 277235

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 37.9  | 29.8  | 44.8  |
| 55  | 22.6  | 19.4  | 29.0  |
| 61  | 22.9  | 18.2  | 27.2  |

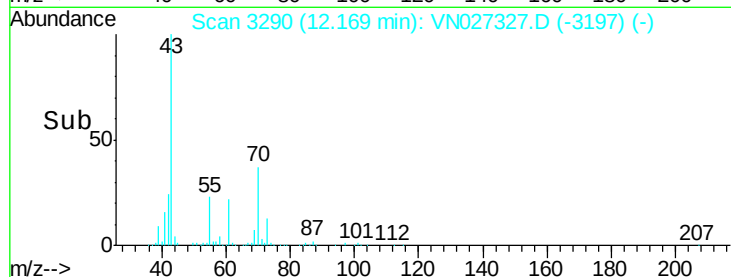


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



Time-->

12.17

250000

200000

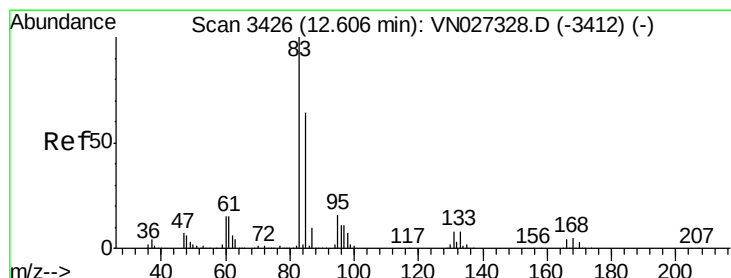
150000

100000

50000

0

12.10 12.15 12.20 12.25



#76

1,1,2,2-Tetrachloroethane

Concen: 18.02 ug/l

RT: 12.61 min Scan# 3427

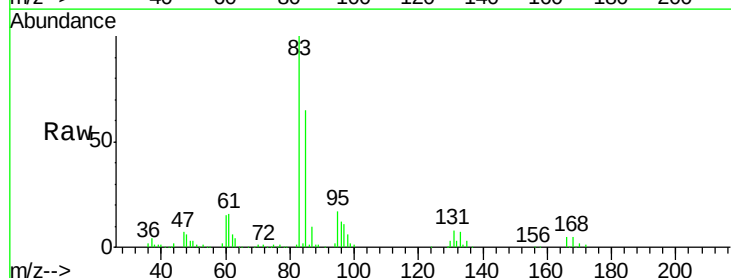
Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Tgt Ion: 83 Resp: 194700

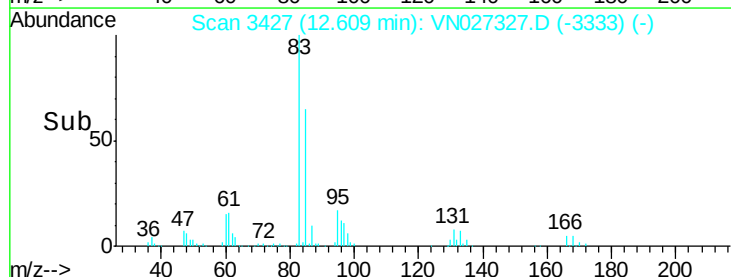
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 7.8   | 4.1   | 12.3  |
| 85  | 65.1  | 31.9  | 95.7  |



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->

12.61

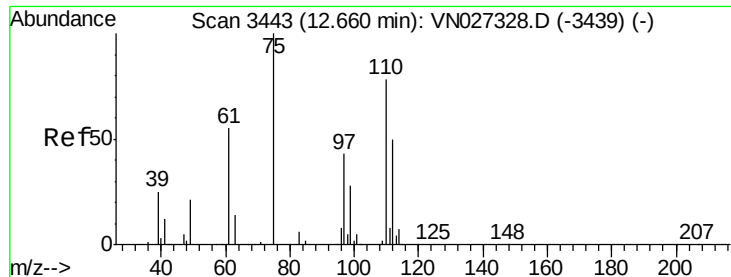
150000

100000

50000

0

12.55 12.60 12.65



#77

1,2,3-Trichloropropane

Concen: 26.81 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

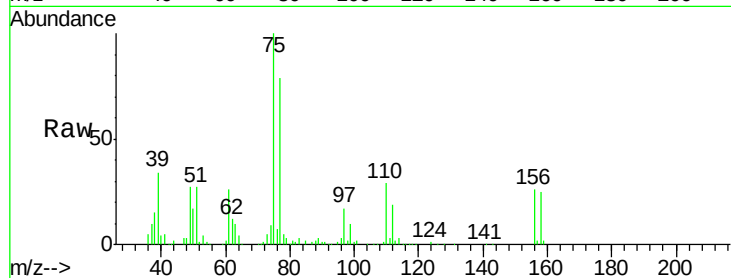
VSTDIC020

Tgt Ion: 75 Resp: 274221

Ion Ratio Lower Upper

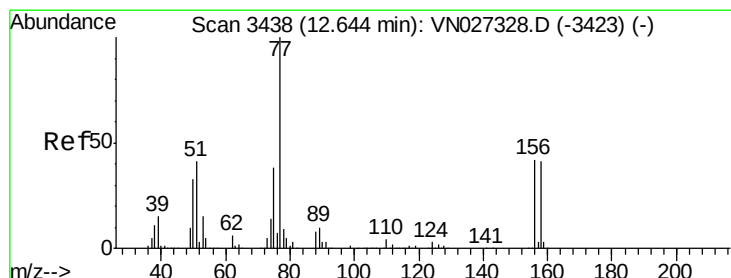
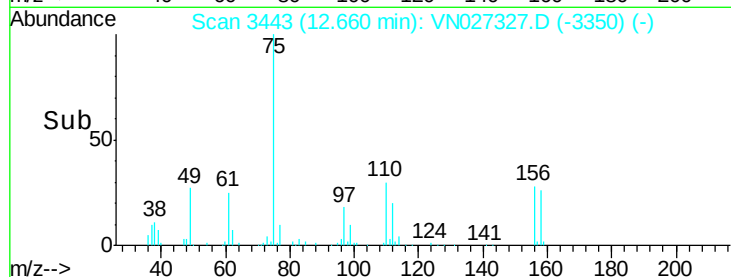
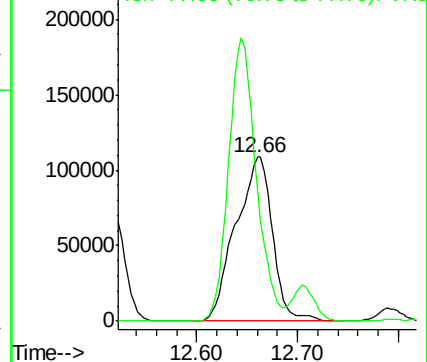
75 100

77 131.4 103.1 309.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

Bromobenzene

Concen: 18.01 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

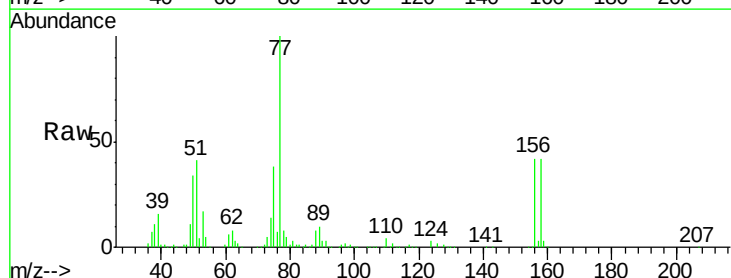
Tgt Ion: 156 Resp: 131728

Ion Ratio Lower Upper

156 100

77 273.5 127.3 381.9

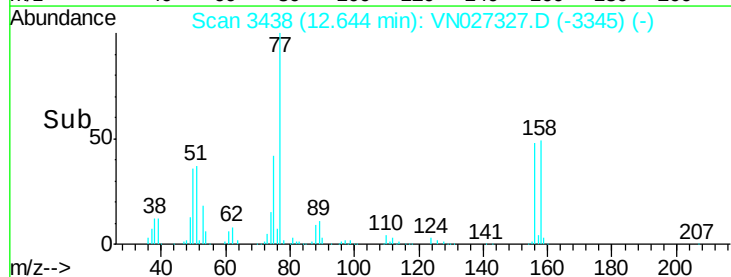
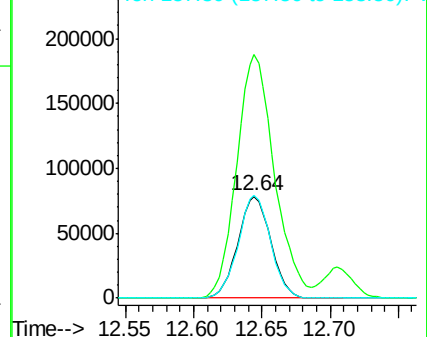
158 98.5 48.0 144.2

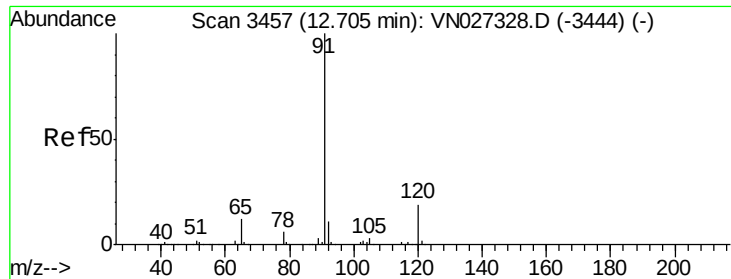


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#79

n-propylbenzene

Concen: 18.29 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

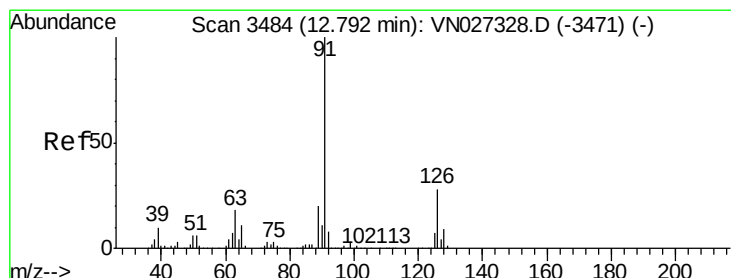
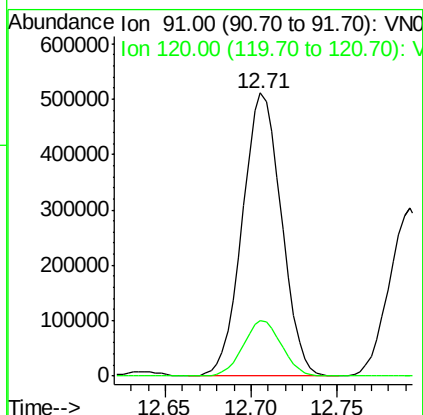
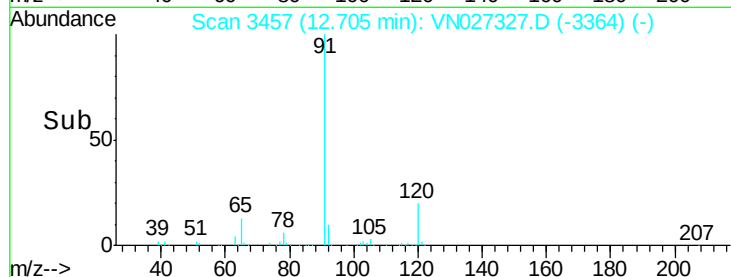
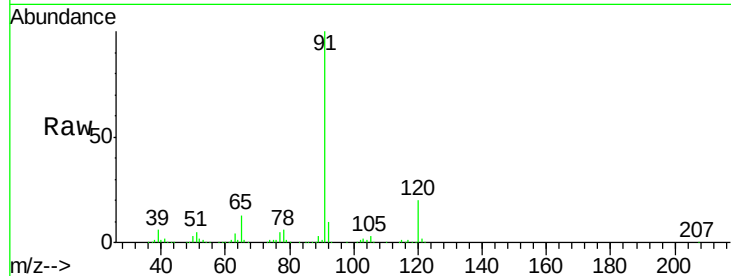
VSTDIC020

Tgt Ion: 91 Resp: 802559

Ion Ratio Lower Upper

91 100

120 19.5 10.3 30.8



#80

2-Chlorotoluene

Concen: 18.71 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027327.D

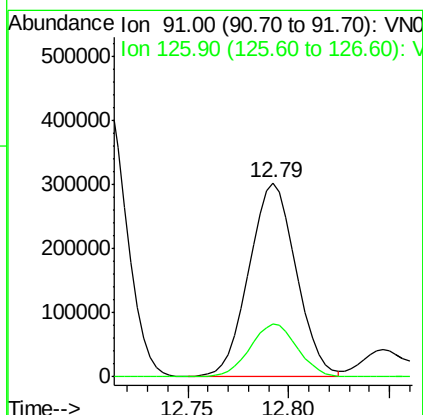
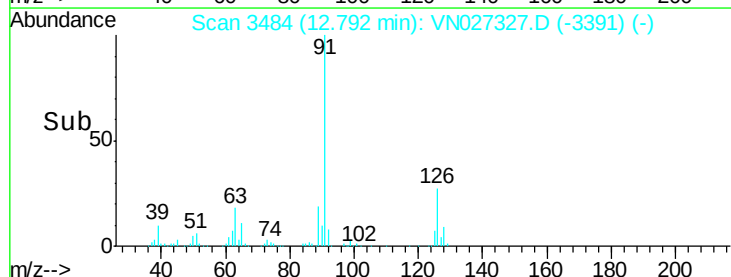
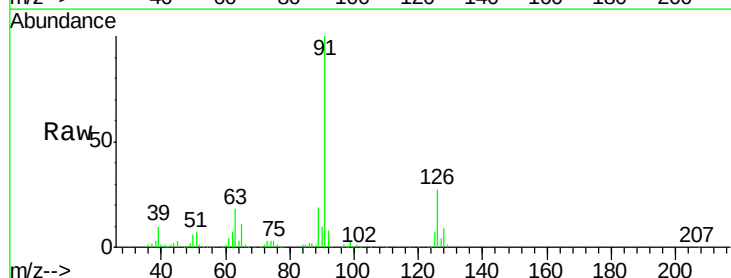
Acq: 21 Sep 2015 11:14

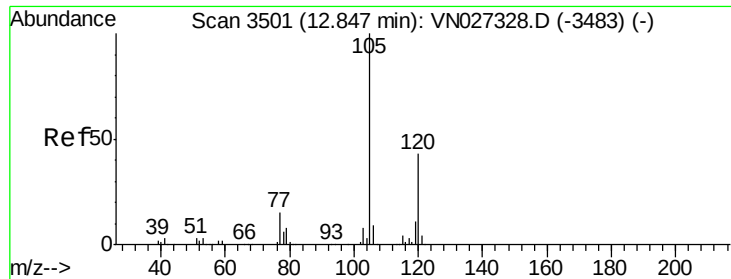
Tgt Ion: 91 Resp: 492872

Ion Ratio Lower Upper

91 100

126 27.5 15.2 45.5

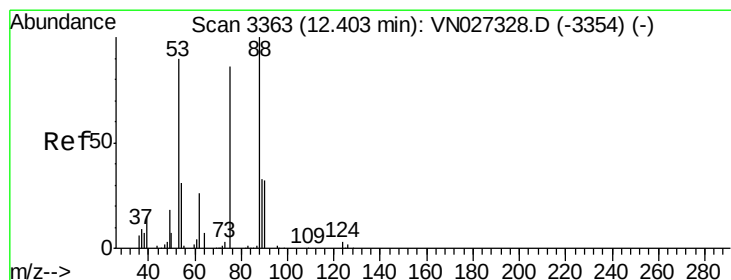
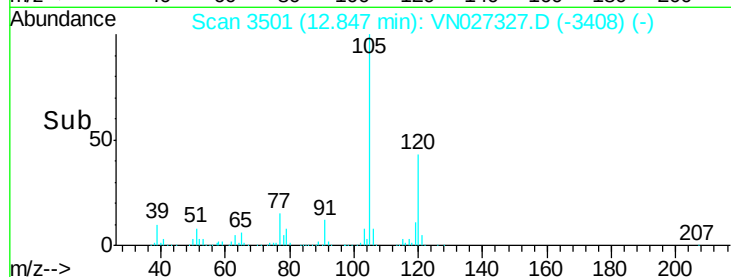
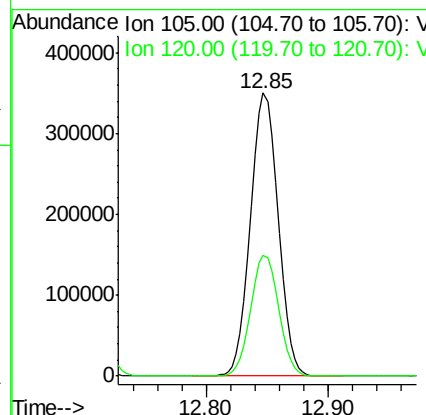
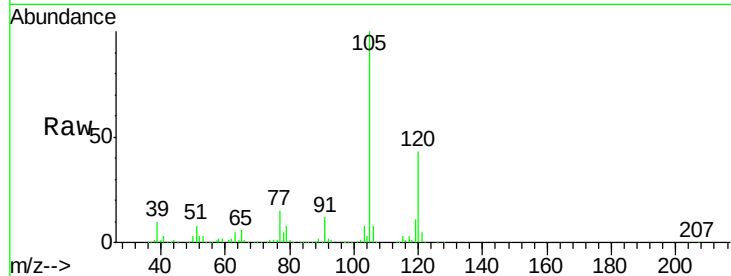




#81  
 1,3,5-Trimethylbenzene  
 Concen: 18.23 ug/l  
 RT: 12.85 min Scan# 3501  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

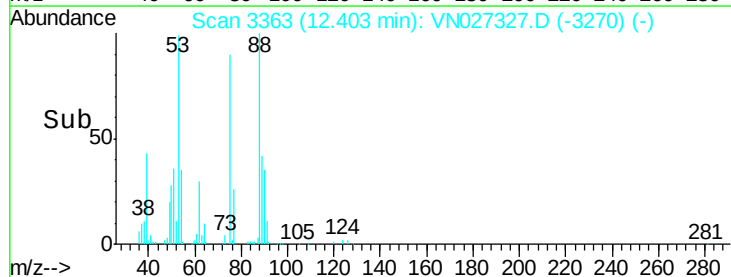
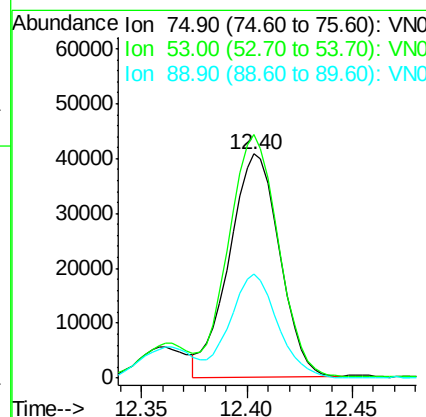
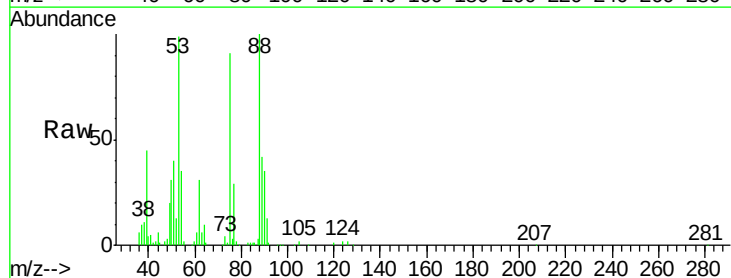
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

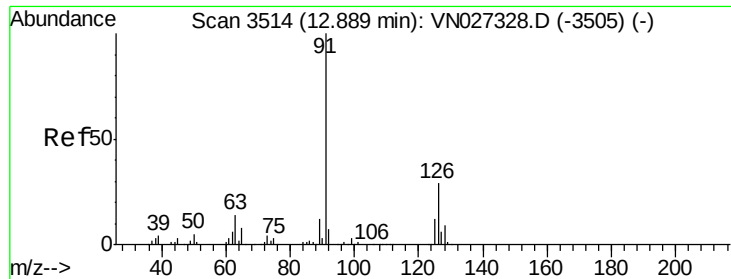
Tgt Ion: 105 Resp: 546232  
 Ion Ratio Lower Upper  
 105 100  
 120 43.0 23.4 70.0



#82  
 trans-1,4-Dichloro-2-butene  
 Concen: 16.14 ug/l  
 RT: 12.40 min Scan# 3363  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Tgt Ion: 75 Resp: 67211  
 Ion Ratio Lower Upper  
 75 100  
 53 109.0 92.9 139.3  
 89 44.7 34.2 51.4

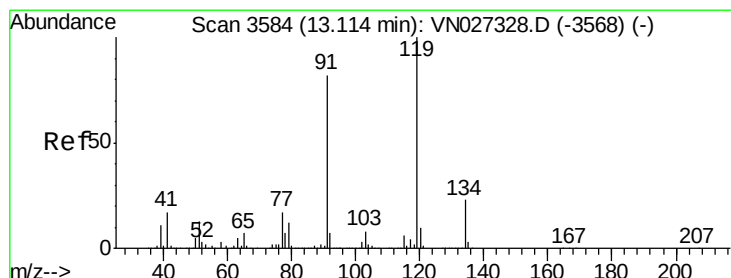
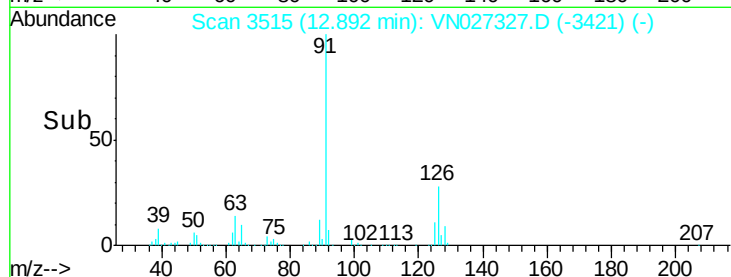
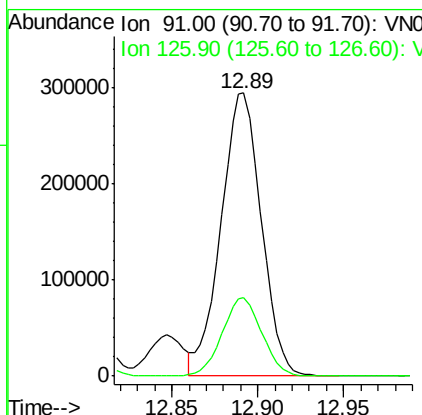
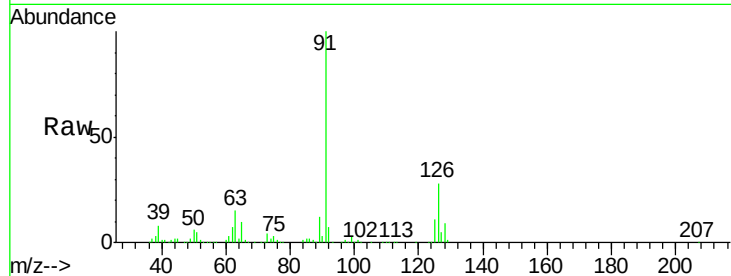




#83  
4-Chlorotoluene  
Concen: 18.52 ug/l  
RT: 12.89 min Scan# 3515  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

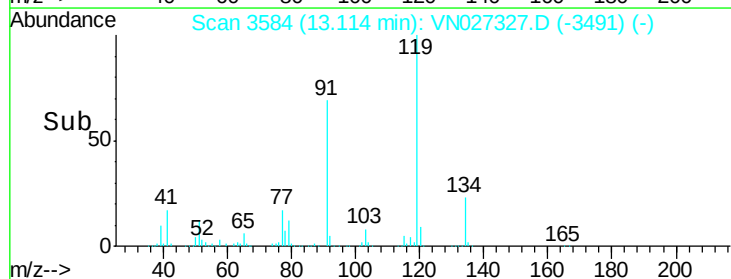
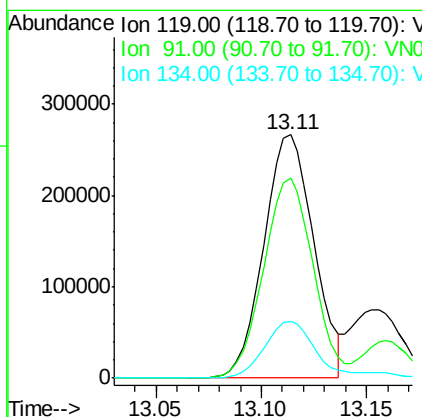
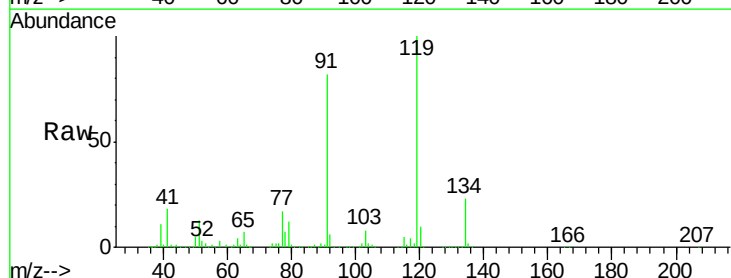
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

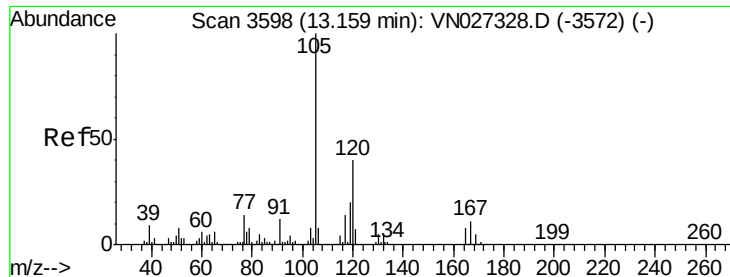
Tgt Ion: 91 Resp: 479341  
Ion Ratio Lower Upper  
91 100  
126 27.4 14.9 44.5



#84  
tert-Butylbenzene  
Concen: 17.75 ug/l  
RT: 13.11 min Scan# 3584  
Delta R.T. 0.00 min  
Lab File: VN027327.D  
Acq: 21 Sep 2015 11:14

Tgt Ion: 119 Resp: 438704  
Ion Ratio Lower Upper  
119 100  
91 81.2 34.6 103.8  
134 23.5 11.4 34.2





#85

1,2,4-Trimethylbenzene

Concen: 18.13 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

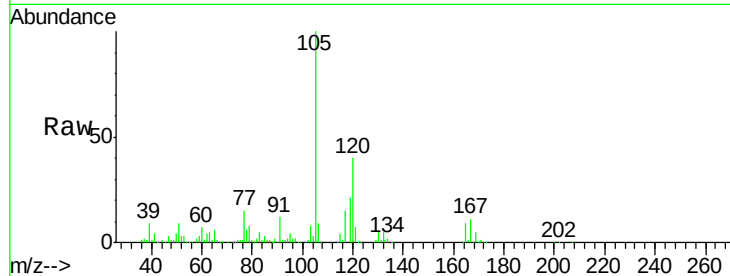
VSTDIC020

Tgt Ion:105 Resp: 545635

Ion Ratio Lower Upper

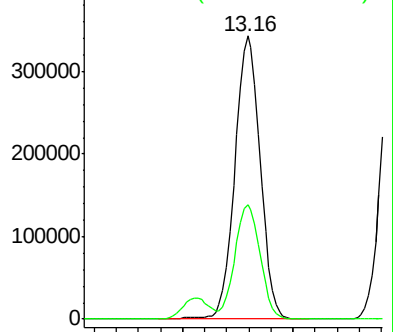
105 100

120 40.5 21.9 65.5

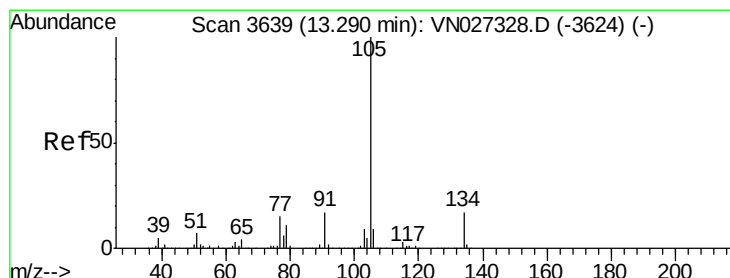
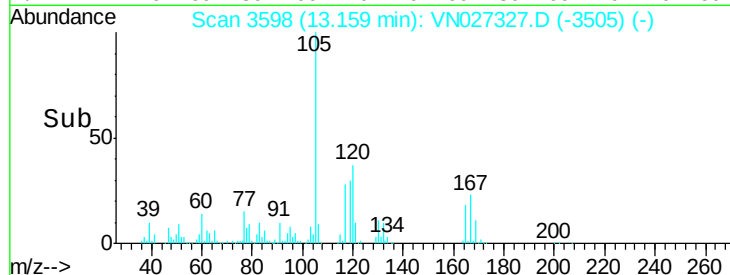


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#86

sec-Butylbenzene

Concen: 18.18 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN027327.D

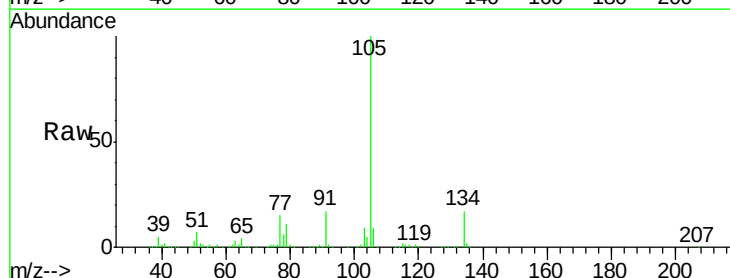
Acq: 21 Sep 2015 11:14

Tgt Ion:105 Resp: 658157

Ion Ratio Lower Upper

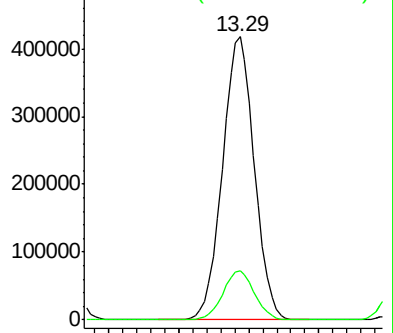
105 100

134 17.2 8.8 26.4

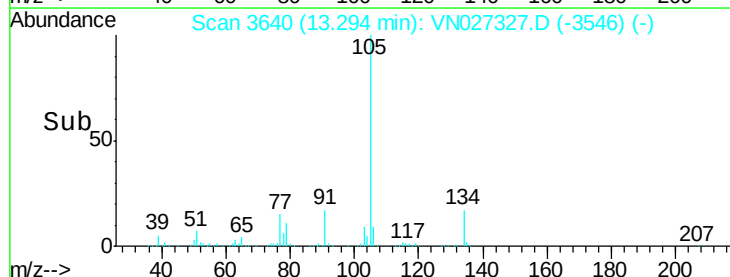


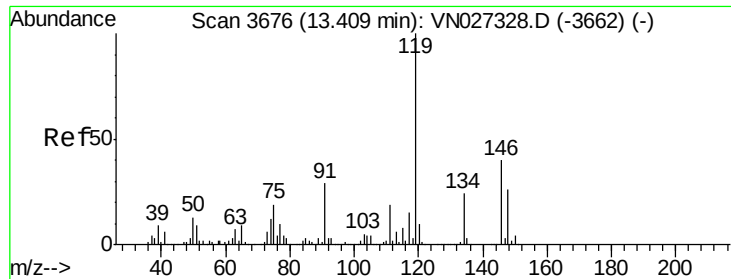
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->

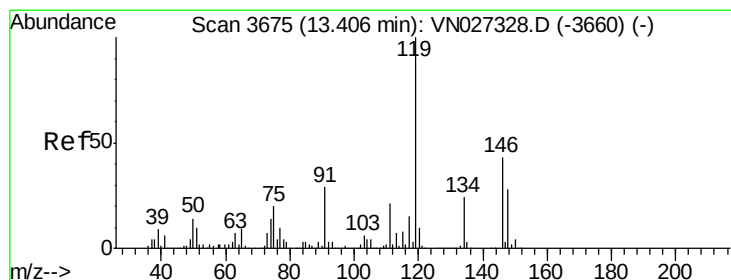
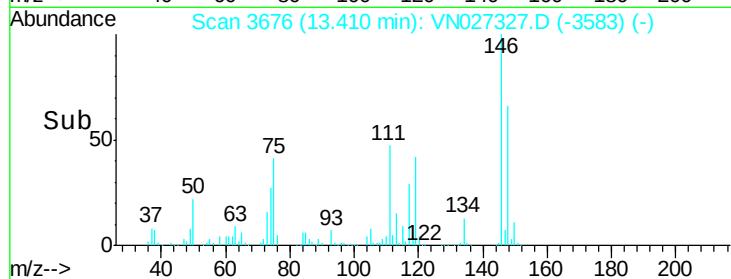
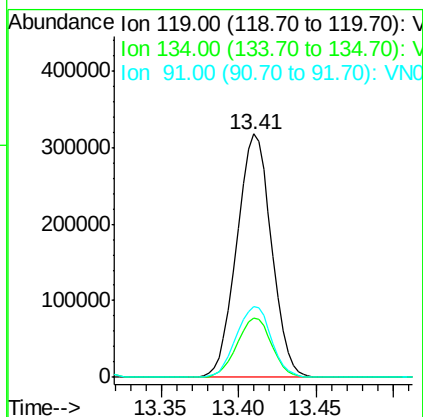
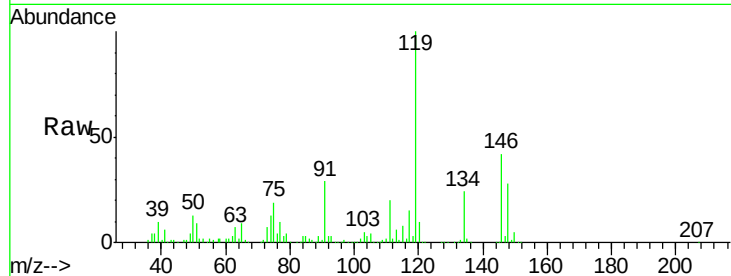




#87  
 p-Isopropyltoluene  
 Concen: 17.77 ug/l  
 RT: 13.41 min Scan# 3676  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

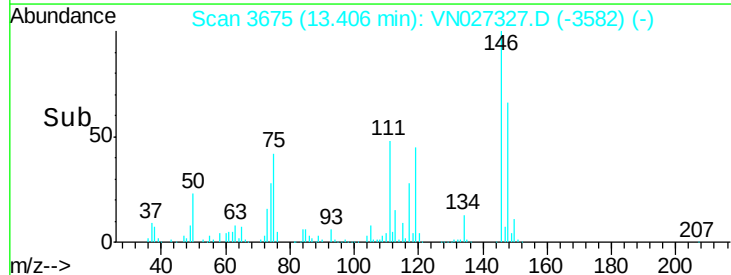
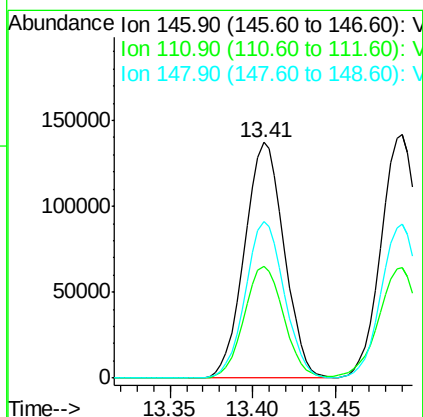
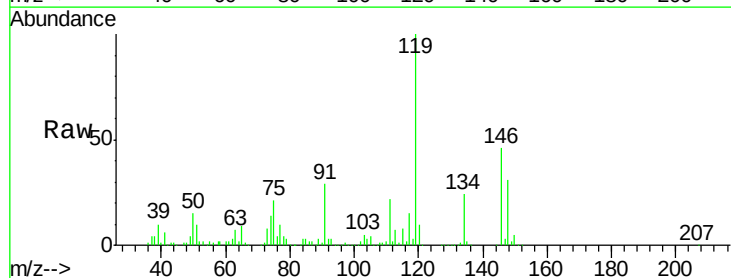
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

Tgt Ion:119 Resp: 495495  
 Ion Ratio Lower Upper  
 119 100  
 134 24.4 12.4 37.0  
 91 29.2 12.0 36.1

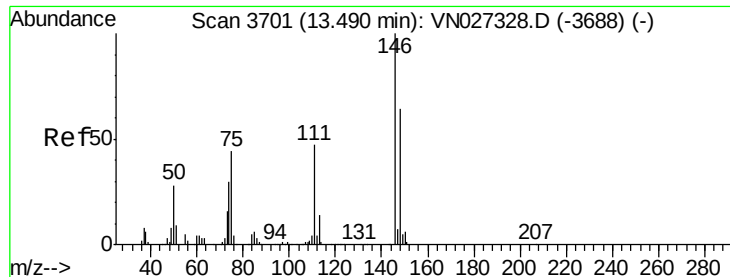


#88  
 1,3-Dichlorobenzene  
 Concen: 18.20 ug/l  
 RT: 13.41 min Scan# 3675  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Tgt Ion:146 Resp: 227757  
 Ion Ratio Lower Upper  
 146 100  
 111 47.3 21.0 63.0  
 148 65.2 31.9 95.9



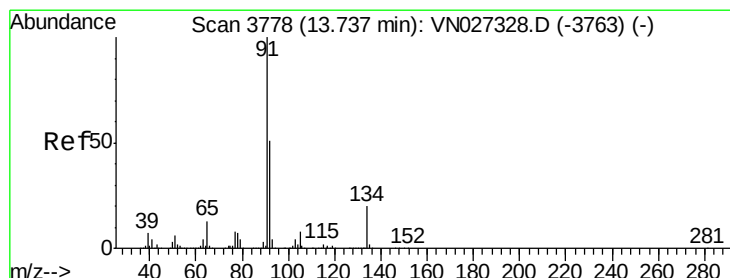
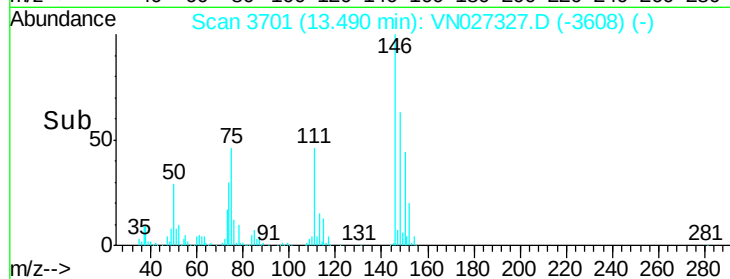
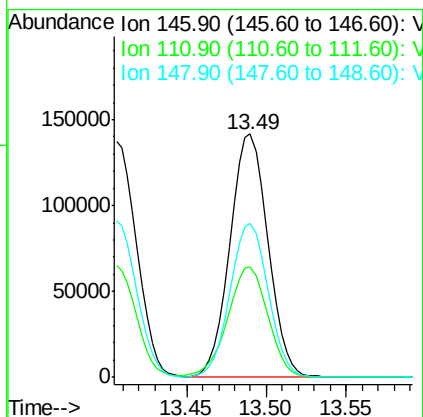
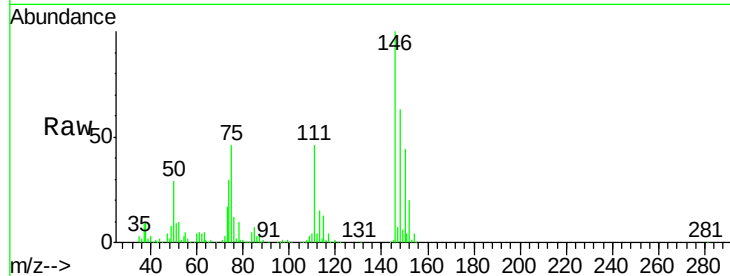




#89  
 1,4-Dichlorobenzene  
 Concen: 18.09 ug/l  
 RT: 13.49 min Scan# 3701  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

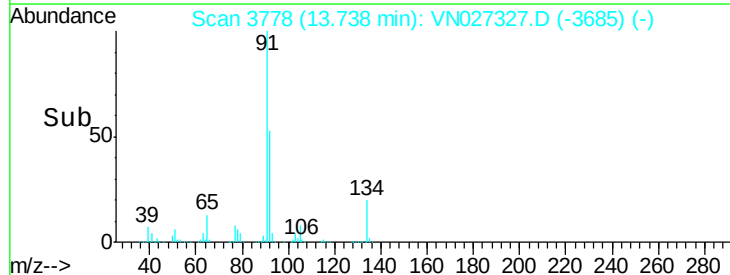
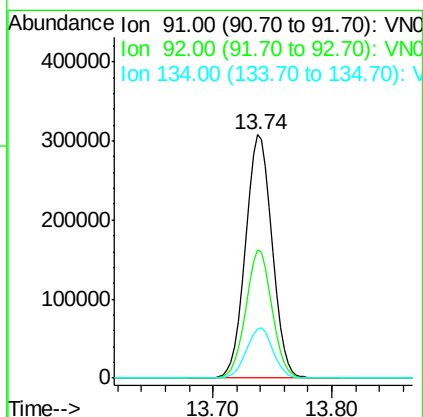
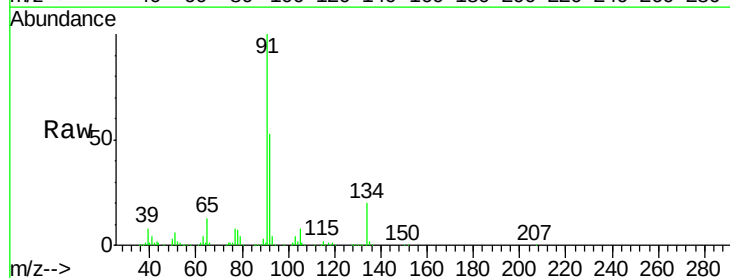
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

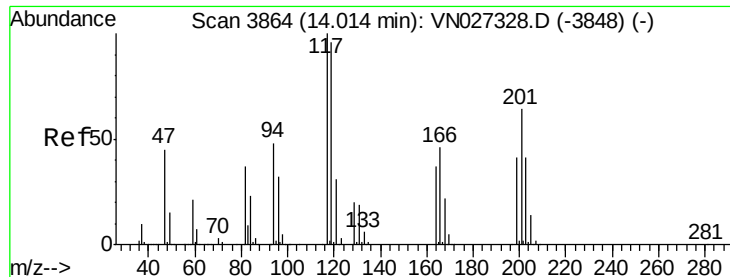
Tgt Ion:146 Resp: 229302  
 Ion Ratio Lower Upper  
 146 100  
 111 47.9 19.9 59.6  
 148 63.7 31.7 95.1



#90  
 n-Butylbenzene  
 Concen: 17.60 ug/l  
 RT: 13.74 min Scan# 3778  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Tgt Ion: 91 Resp: 476410  
 Ion Ratio Lower Upper  
 91 100  
 92 51.9 26.1 78.2  
 134 20.7 11.1 33.1





#91

Hexachloroethane

Concen: 17.22 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

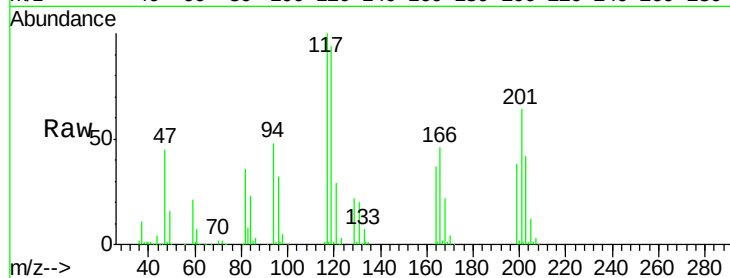
VSTDIC020

Tgt Ion:117 Resp: 105077

Ion Ratio Lower Upper

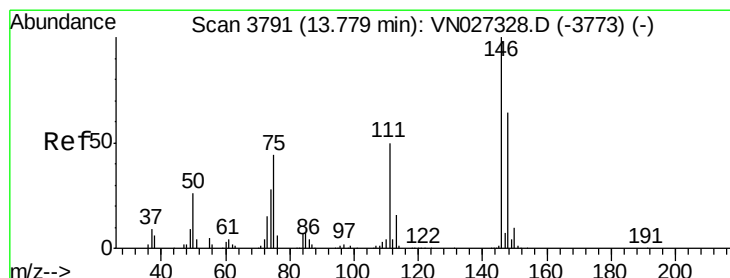
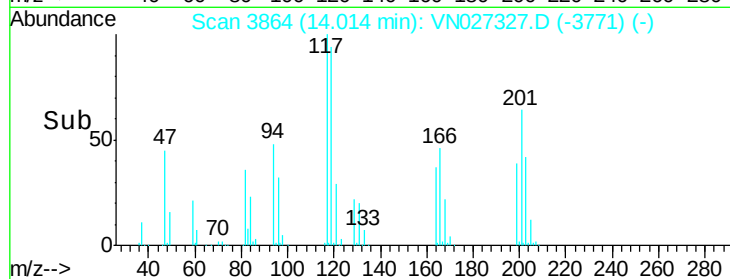
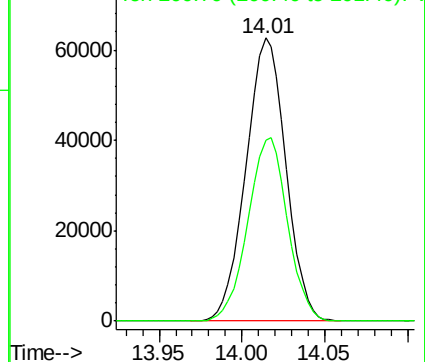
117 100

201 64.5 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: 18.71 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

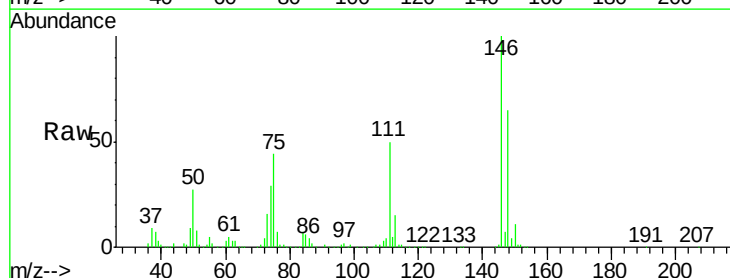
Tgt Ion:146 Resp: 231414

Ion Ratio Lower Upper

146 100

111 48.7 22.1 66.3

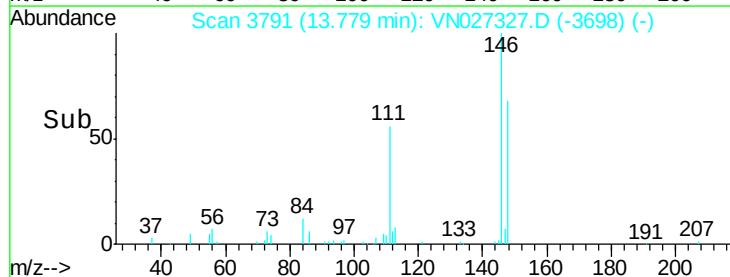
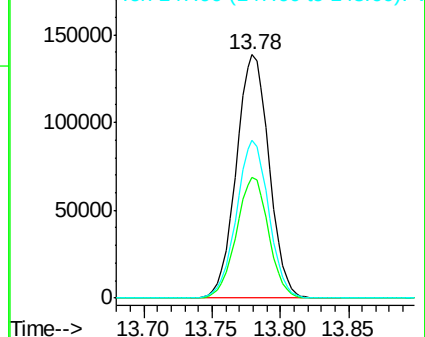
148 63.6 32.0 96.0

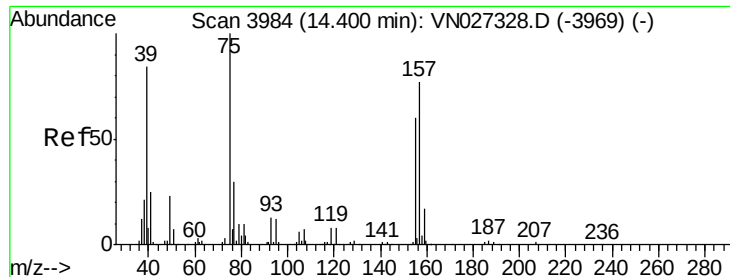


Abundance Ion 145.90 (145.60 to 146.60): V

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: 16.45 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

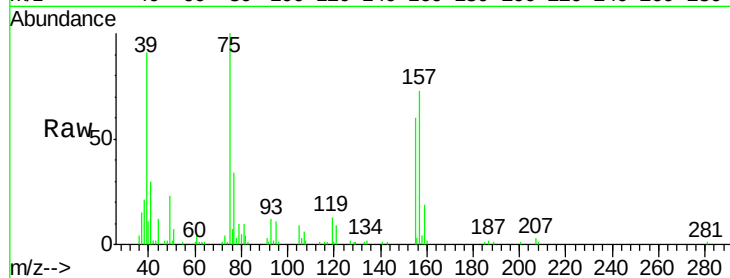
MSVOA\_N

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 36996

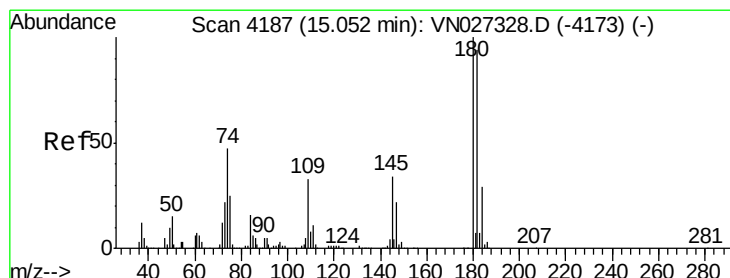
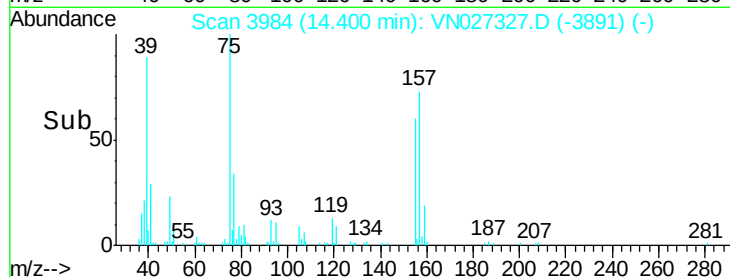
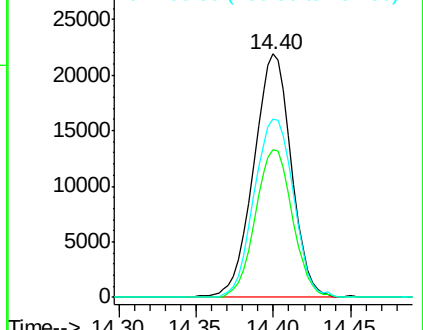
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 59.8  | 35.6  | 106.9 |
| 157 | 76.8  | 44.6  | 133.8 |



Abundance Ion 74.90 (74.60 to 75.60): VN027327.D (-3891) (-)

Ion 154.80 (154.50 to 155.50): VN027327.D (-3891) (-)

Ion 156.80 (156.50 to 157.50): VN027327.D (-3891) (-)



#94

1,2,4-Trichlorobenzene

Concen: 17.63 ug/l

RT: 15.06 min Scan# 4188

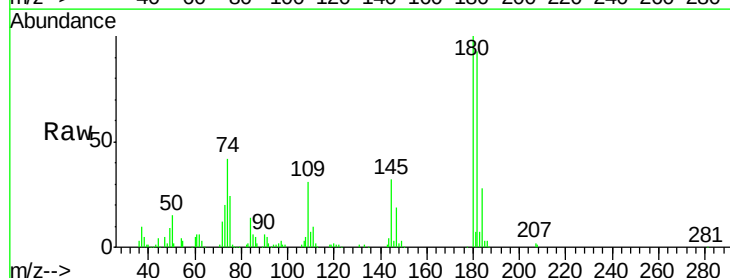
Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Tgt Ion: 180 Resp: 117770

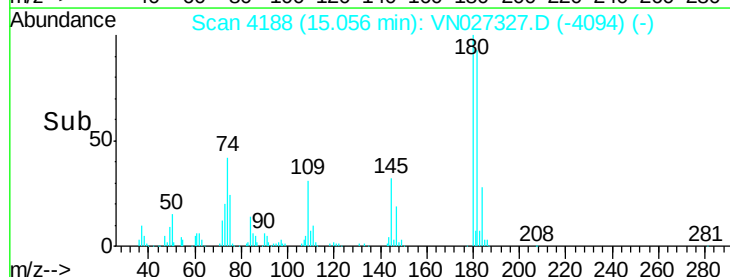
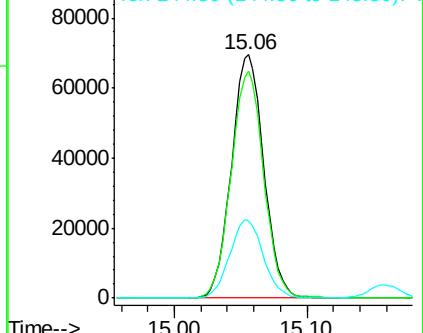
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.0  | 47.5  | 142.5 |
| 145 | 33.3  | 15.1  | 45.3  |

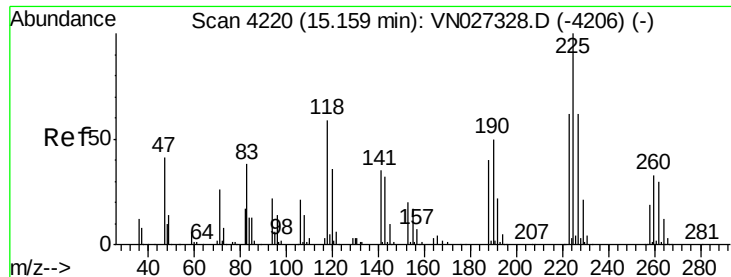


Abundance Ion 179.80 (179.50 to 180.50): VN027327.D (-4094) (-)

Ion 181.80 (181.50 to 182.50): VN027327.D (-4094) (-)

Ion 144.80 (144.50 to 145.50): VN027327.D (-4094) (-)





#95

Hexachlorobutadiene

Concen: 17.75 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

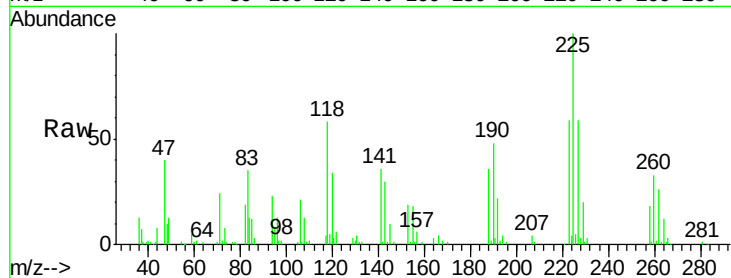
Tgt Ion: 225 Resp: 62434

Ion Ratio Lower Upper

225 100

223 62.0 30.8 92.3

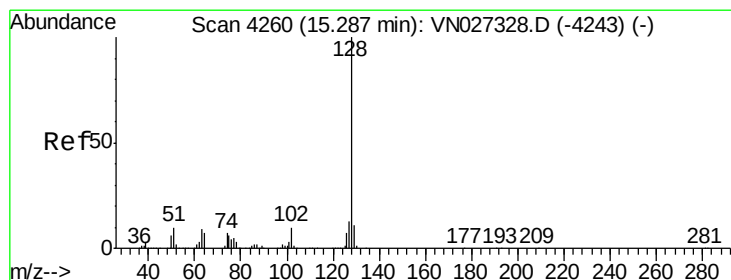
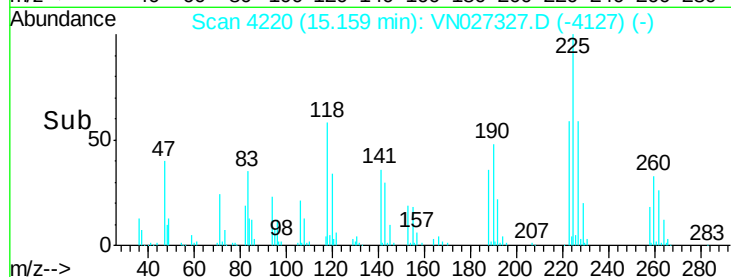
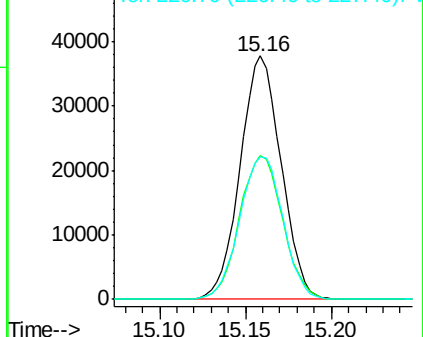
227 61.8 31.7 95.1



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: 16.18 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027327.D

Acq: 21 Sep 2015 11:14

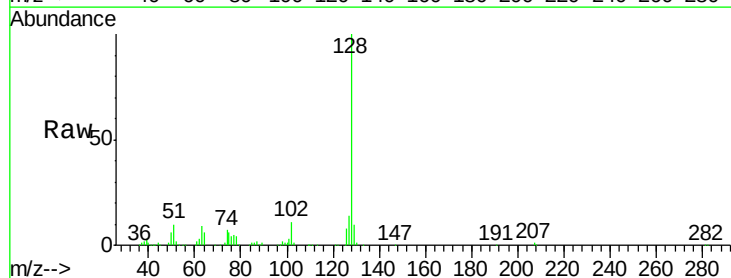
Tgt Ion: 128 Resp: 316790

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

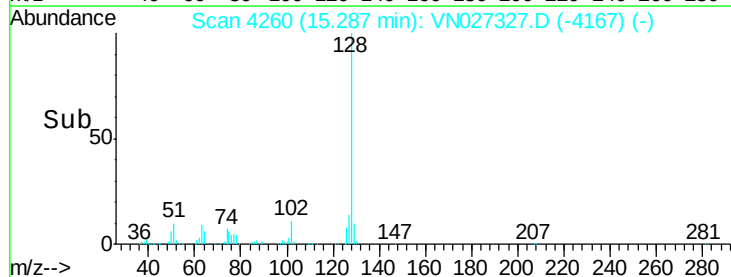
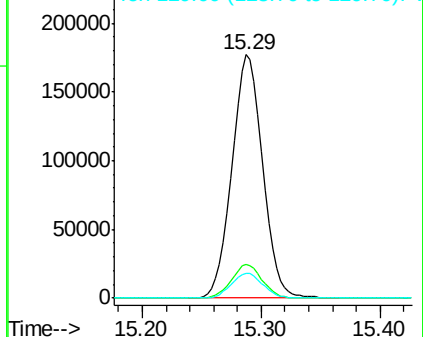
129 10.7 8.6 12.8

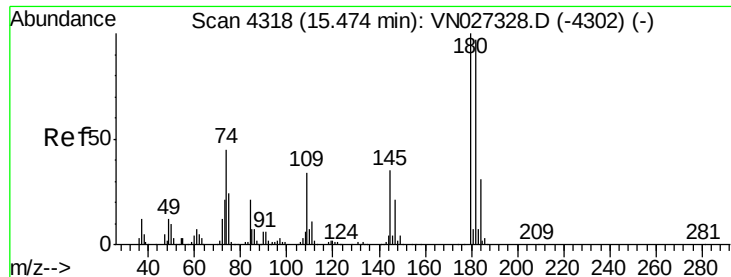


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97  
 1,2,3-Trichlorobenzene  
 Concen: 17.96 ug/l  
 RT: 15.47 min Scan# 4318  
 Delta R.T. 0.00 min  
 Lab File: VN027327.D  
 Acq: 21 Sep 2015 11:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.2  | 48.8  | 146.4 |
| 145     | 34.1  | 16.6  | 49.8  |

