

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN040419\  
 Data File : VN054936.D  
 Acq On : 4 Apr 2019 9:46  
 Operator : JC/SP  
 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Quant Time: Apr 05 01:50:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N040419W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 05 01:45:45 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 391188   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 667401   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 558697   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 177790   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |       |      |
|---------------------------|--------|-----|----------|------|-------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 6329     | 1.23 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 2.46% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 4458     | 1.03 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 2.06% |      |
| 50) Toluene-d8            | 10.09  | 98  | 15361    | 0.93 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 1.86% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 4848     | 0.88 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 1.76% |      |

## Target Compounds

|                               |      |     |       |       | Qvalue    |
|-------------------------------|------|-----|-------|-------|-----------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 4265  | 0.912 | ug/l 95   |
| 3) Chloromethane              | 2.06 | 50  | 6757  | 1.093 | ug/l 89   |
| 4) Vinyl Chloride             | 2.19 | 62  | 5618  | 1.040 | ug/l 89   |
| 5) Bromomethane               | 2.58 | 94  | 3639  | 1.180 | ug/l 88   |
| 6) Chloroethane               | 2.71 | 64  | 3393  | 1.126 | ug/l # 87 |
| 7) Trichlorofluoromethane     | 3.03 | 101 | 6990  | 1.065 | ug/l 95   |
| 8) Diethyl Ether              | 3.42 | 74  | 2373  | 1.136 | ug/l 97   |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 3851  | 1.108 | ug/l 95   |
| 10) Methyl Iodide             | 3.94 | 142 | 4636  | 0.946 | ug/l 97   |
| 11) Tert butyl alcohol        | 4.81 | 59  | 98    | 0.367 | ug/l # 82 |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 3973  | 1.152 | ug/l 96   |
| 13) Acrolein                  | 3.60 | 56  | 806   | 2.208 | ug/l 88   |
| 14) Allyl chloride            | 4.31 | 41  | 3862  | 0.494 | ug/l # 18 |
| 15) Acrylonitrile             | 5.00 | 53  | 5109  | 3.201 | ug/l # 93 |
| 16) Acetone                   | 3.82 | 43  | 3213  | 2.292 | ug/l 99   |
| 17) Carbon Disulfide          | 4.05 | 76  | 11210 | 1.021 | ug/l 95   |
| 18) Methyl Acetate            | 4.34 | 43  | 5087  | 1.325 | ug/l 98   |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 11540 | 1.032 | ug/l 96   |
| 20) Methylene Chloride        | 4.55 | 84  | 5511  | 1.151 | ug/l 85   |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 3185  | 0.741 | ug/l 86   |
| 22) Diisopropyl ether         | 5.97 | 45  | 14856 | 0.945 | ug/l 95   |
| 23) Vinyl Acetate             | 5.91 | 43  | 48725 | 4.455 | ug/l 98   |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 9210  | 1.075 | ug/l # 91 |
| 25) 2-Butanone                | 6.85 | 43  | 8048  | 4.156 | ug/l 97   |
| 26) 2,2-Dichloropropane       | 6.83 | 77  | 6179  | 1.028 | ug/l 96   |
| 27) cis-1,2-Dichloroethene    | 6.84 | 96  | 4900  | 1.003 | ug/l 96   |
| 28) Bromochloromethane        | 7.20 | 49  | 4503  | 1.121 | ug/l # 95 |
| 29) Tetrahydrofuran           | 7.23 | 42  | 6434  | 5.069 | ug/l # 62 |
| 30) Chloroform                | 7.37 | 83  | 8240  | 1.014 | ug/l 92   |
| 31) Cyclohexane               | 7.66 | 56  | 16587 | 1.695 | ug/l # 53 |
| 32) 1,1,1-Trichloroethane     | 7.56 | 97  | 7331  | 1.069 | ug/l # 53 |
| 36) 1,1-Dichloropropene       | 7.80 | 75  | 6945  | 1.050 | ug/l 95   |
| 37) Ethyl Acetate             | 6.94 | 43  | 4241  | 0.935 | ug/l # 72 |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 7331  | 1.148 | ug/l # 79 |

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 Quant Title : SW846 8260  
 QLast Update : Fri Apr 05 01:45:45 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 6595     | 0.907  | ug/l   | 94       |
| 40) Benzene                    | 8.05  | 78   | 18094    | 0.951  | ug/l   | 96       |
| 41) Methacrylonitrile          | 7.17  | 41   | 2810     | 1.083  | ug/l # | 65       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 6822     | 1.020  | ug/l   | 85       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 7015     | 0.917  | ug/l # | 94       |
| 44) Trichloroethene            | 8.84  | 130  | 4532     | 0.931  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 4882     | 0.921  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 2878     | 0.957  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.41  | 83   | 6081     | 0.963  | ug/l   | 90       |
| 48) Methyl methacrylate        | 9.20  | 41   | 3240     | 0.837  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 9.21  | 88   | 649      | 16.607 | ug/l # | 41       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 18999    | 4.453  | ug/l   | 100      |
| 52) Toluene                    | 10.15 | 92   | 10025    | 0.894  | ug/l   | 86       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 4666     | 0.801  | ug/l # | 77       |
| 54) cis-1,3-Dichloropropene    | 9.85  | 75   | 5602     | 0.788  | ug/l   | 88       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 3999     | 0.983  | ug/l # | 88       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 4498     | 0.846  | ug/l # | 91       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 6604     | 0.930  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 7860     | 3.741  | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.75 | 43   | 10345    | 3.882  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 3379     | 0.793  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 2785     | 0.728  | ug/l # | 74       |
| 64) Tetrachloroethene          | 10.63 | 164  | 4954     | 1.099  | ug/l # | 81       |
| 65) Chlorobenzene              | 11.43 | 112  | 11447    | 1.005  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 3767     | 0.903  | ug/l # | 62       |
| 67) Ethyl Benzene              | 11.51 | 91   | 19202    | 0.935  | ug/l   | 93       |
| 68) m/p-Xylenes                | 11.62 | 106  | 14160    | 1.886  | ug/l   | 93       |
| 69) o-Xylene                   | 11.95 | 106  | 6759     | 0.923  | ug/l   | 93       |
| 70) Styrene                    | 11.96 | 104  | 8990     | 0.766  | ug/l   | 90       |
| 71) Bromoform                  | 12.12 | 173  | 2226     | 0.888  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 17369    | 1.156  | ug/l   | 94       |
| 74) N-amyl acetate             | 12.07 | 43   | 3234     | 0.775  | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 4686     | 1.270  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 5380     | 1.861  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 4001     | 1.100  | ug/l   | 92       |
| 78) n-propylbenzene            | 12.59 | 91   | 18271    | 1.104  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 11976    | 1.168  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 13346    | 1.082  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 453      | 0.622  | ug/l # | 19       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 9845     | 1.015  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 12222    | 1.165  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 12188    | 1.021  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 15299    | 1.127  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 11647    | 0.996  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 6389     | 1.056  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 13.28 | 146  | 6389     | 1.109  | ug/l   | 95       |
| 89) n-Butylbenzene             | 13.62 | 91   | 7879     | 0.843  | ug/l   | 95       |
| 90) Hexachloroethane           | 13.88 | 117  | 2014     | 1.025  | ug/l   | 85       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 6205     | 1.045  | ug/l   | 93       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 598      | 1.163  | ug/l   | 81       |

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Sample : VSTDICC001  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

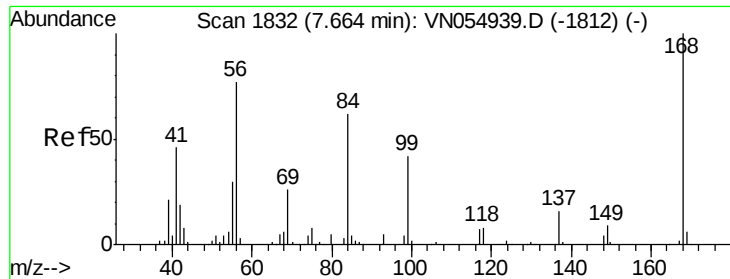
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Quant Time: Apr 05 01:50:33 2019  
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Quant Title : SW846 8260  
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Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|-------|------|----------|-------|--------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.92 | 180  | 1857     | 0.703 | ug/l   | 93       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 2258     | 1.136 | ug/l   | 83       |
| 95) Naphthalene            | 15.13 | 128  | 4492     | 0.775 | ug/l # | 93       |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 2409     | 0.883 | ug/l   | 85       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

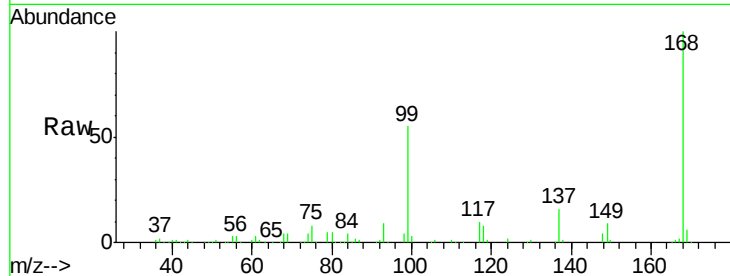
VSTDIC001

Tgt Ion:168 Resp: 391188

Ion Ratio Lower Upper

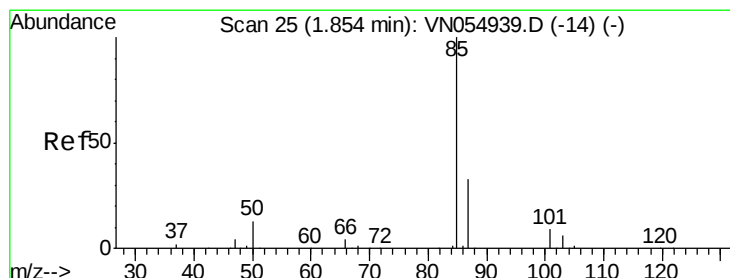
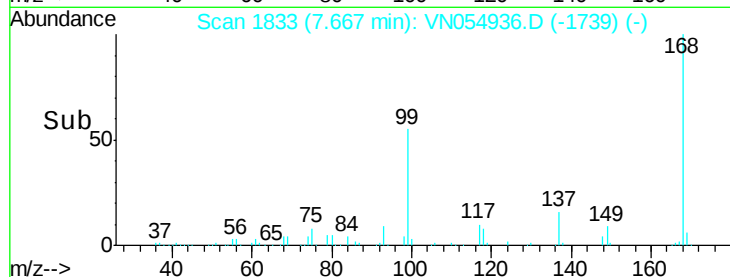
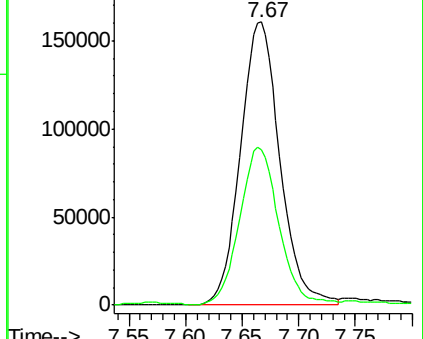
168 100

99 54.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.912 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054936.D

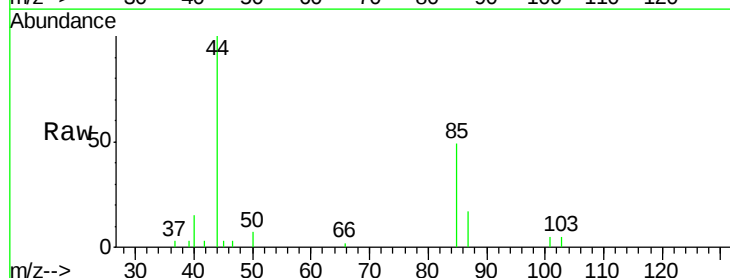
Acq: 4 Apr 2019 9:46

Tgt Ion: 85 Resp: 4265

Ion Ratio Lower Upper

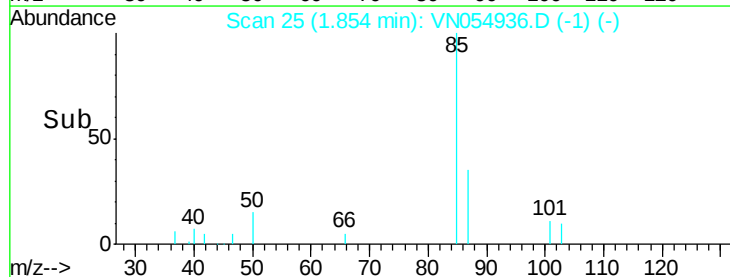
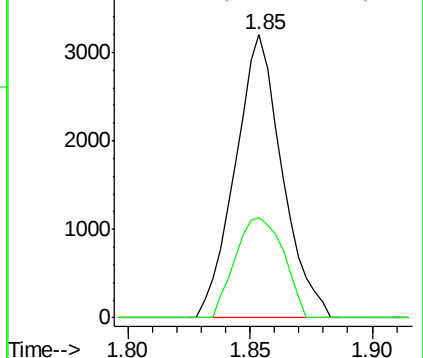
85 100

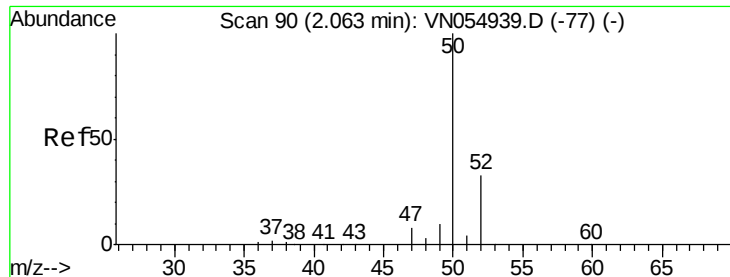
87 35.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.093 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

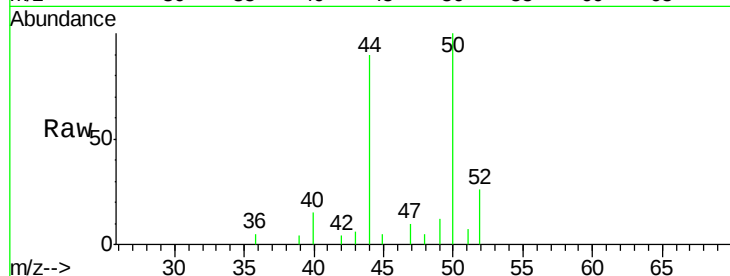
VSTDIC001

Tgt Ion: 50 Resp: 6757

Ion Ratio Lower Upper

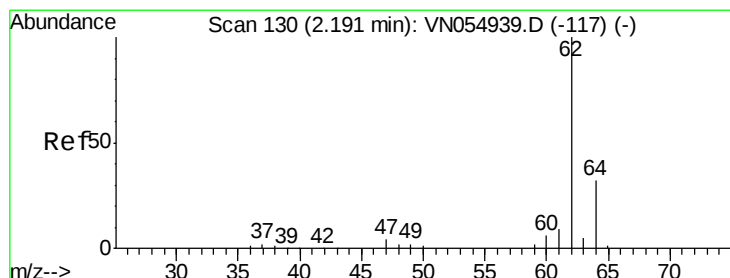
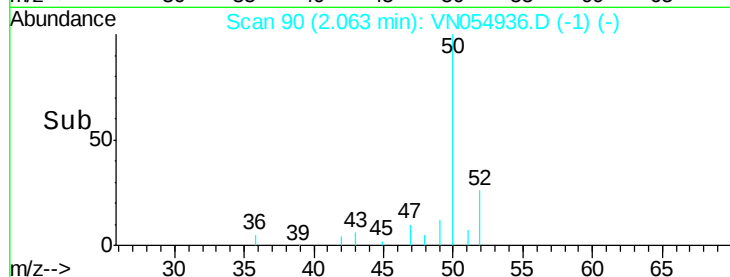
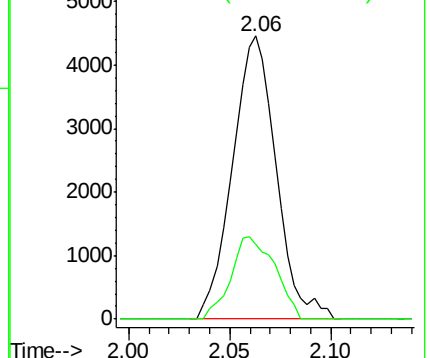
50 100

52 26.5 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 1.040 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054936.D

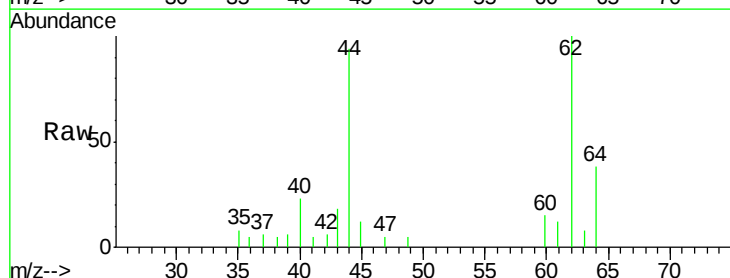
Acq: 4 Apr 2019 9:46

Tgt Ion: 62 Resp: 5618

Ion Ratio Lower Upper

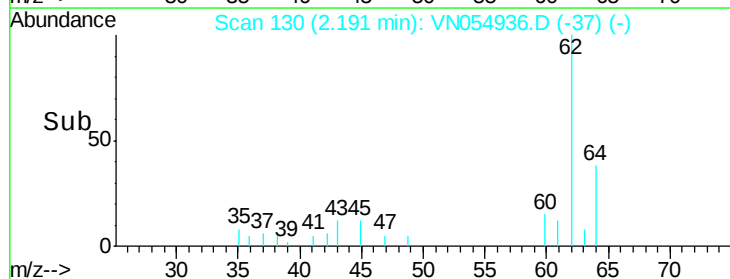
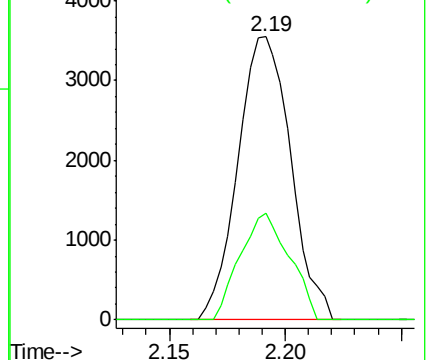
62 100

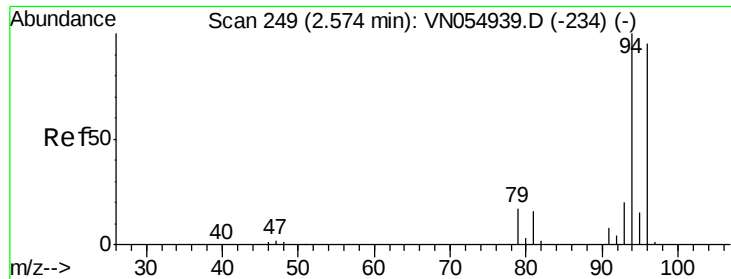
64 37.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 1.180 ug/l

RT: 2.58 min Scan# 252

Delta R.T. 0.01 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

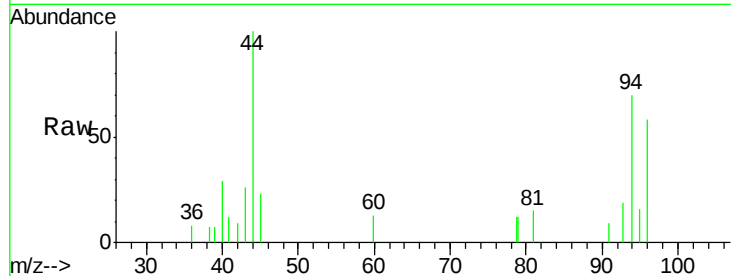
VSTDIC001

Tgt Ion: 94 Resp: 3639

Ion Ratio Lower Upper

94 100

96 83.4 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2000

1500

1000

500

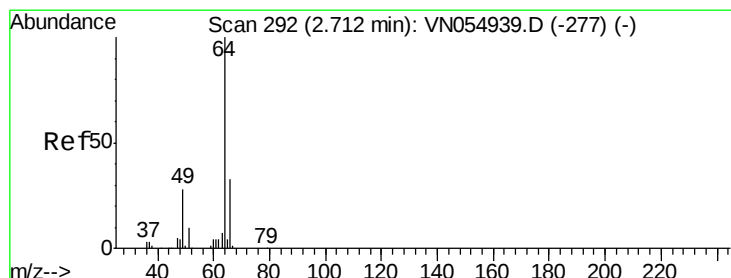
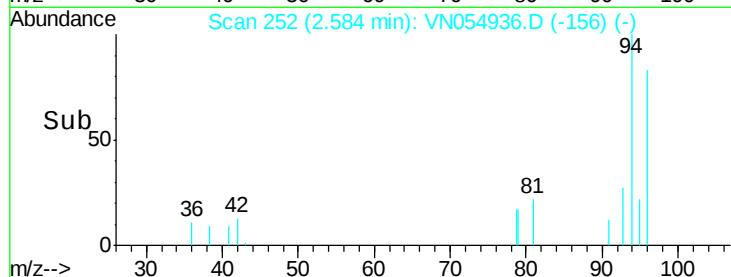
0

2.55

2.60

2.58

Time-->



#6

Chloroethane

Concen: 1.126 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054936.D

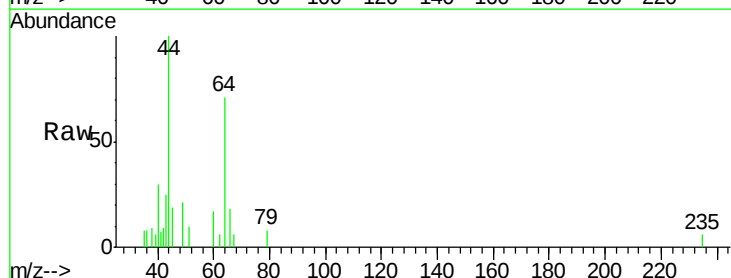
Acq: 4 Apr 2019 9:46

Tgt Ion: 64 Resp: 3393

Ion Ratio Lower Upper

64 100

66 25.4 26.2 39.4#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2000

1500

1000

500

0

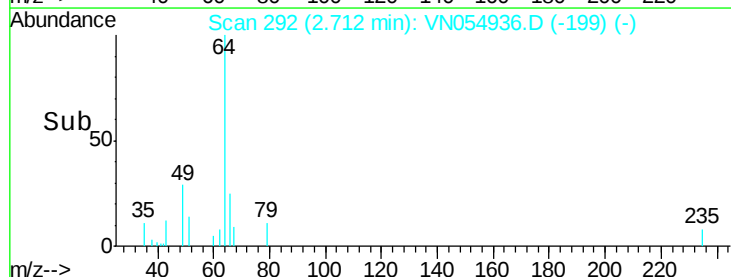
2.65

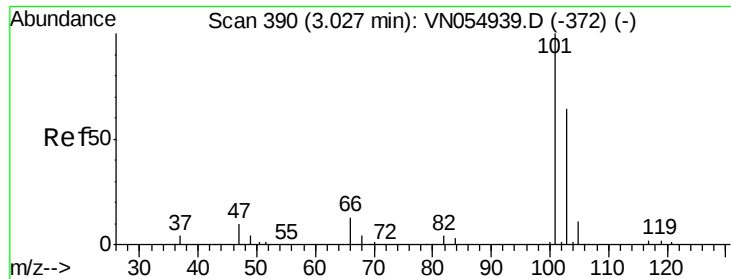
2.70

2.71

2.75

Time-->



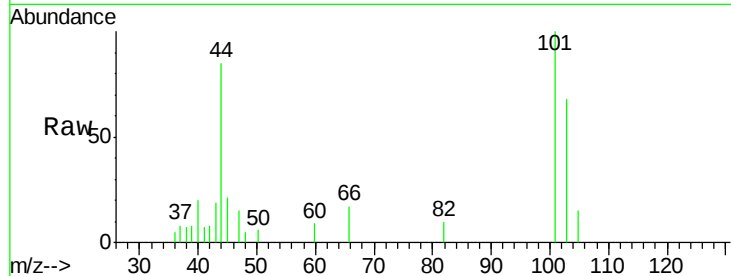


#7

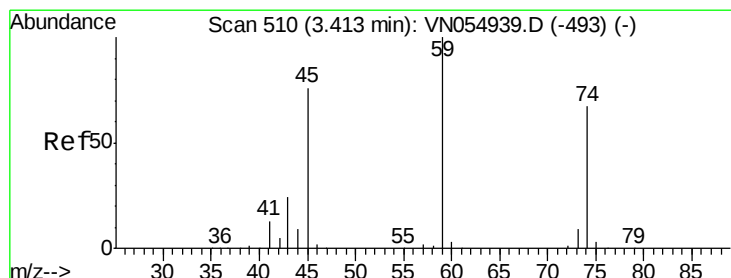
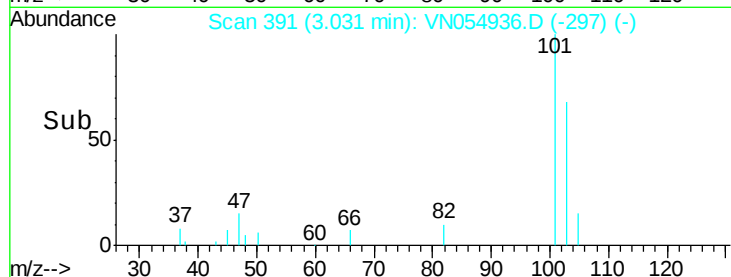
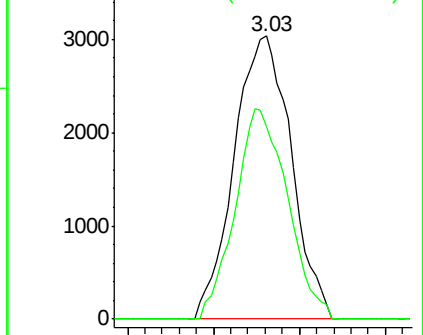
Trichlorofluoromethane  
 Concen: 1.065 ug/l  
 RT: 3.03 min Scan# 391  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 101 Resp: 6990  
 Ion Ratio Lower Upper  
 101 100  
 103 68.0 51.3 76.9



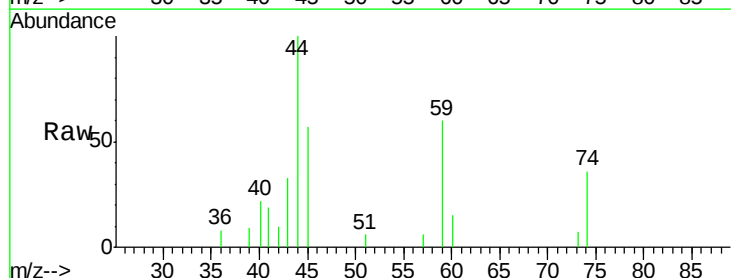
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



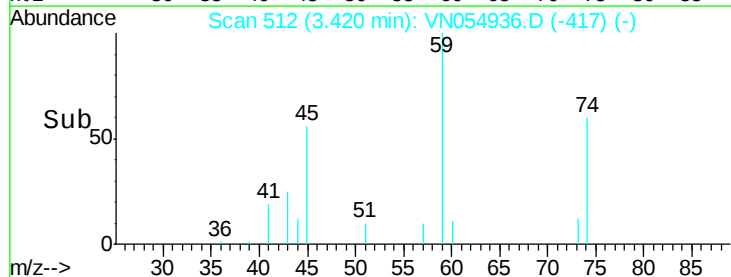
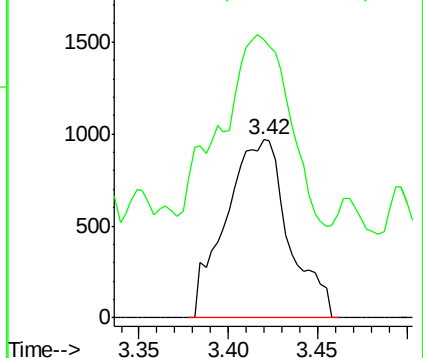
#8

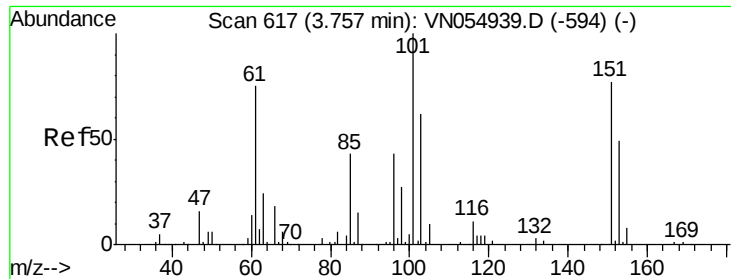
Diethyl Ether  
 Concen: 1.136 ug/l  
 RT: 3.42 min Scan# 512  
 Delta R.T. 0.01 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

Tgt Ion: 74 Resp: 2373  
 Ion Ratio Lower Upper  
 74 100  
 45 116.0 56.3 168.9



Abundance Ion 74.00 (73.70 to 74.70): VNO  
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.108 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

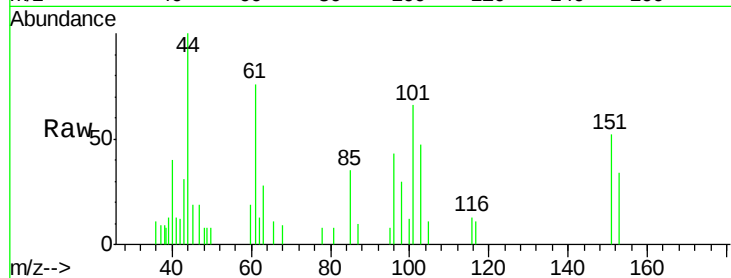
Tgt Ion:101 Resp: 3851

Ion Ratio Lower Upper

101 100

85 47.7 36.2 54.2

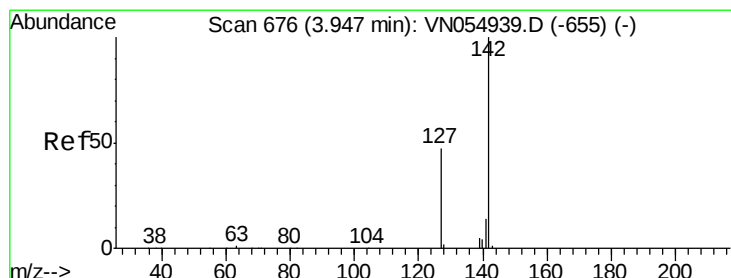
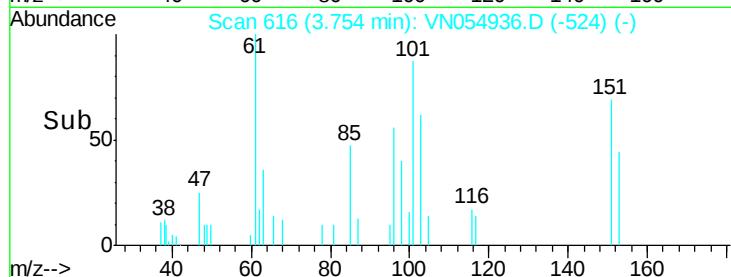
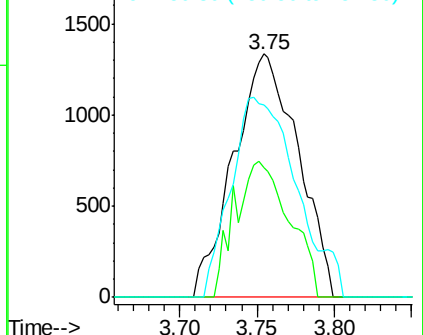
151 84.1 63.4 95.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.946 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

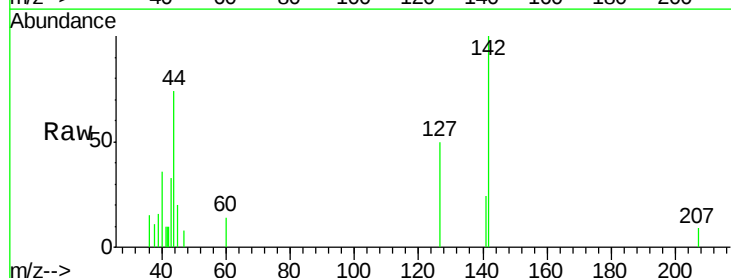
Tgt Ion:142 Resp: 4636

Ion Ratio Lower Upper

142 100

127 49.8 38.0 57.0

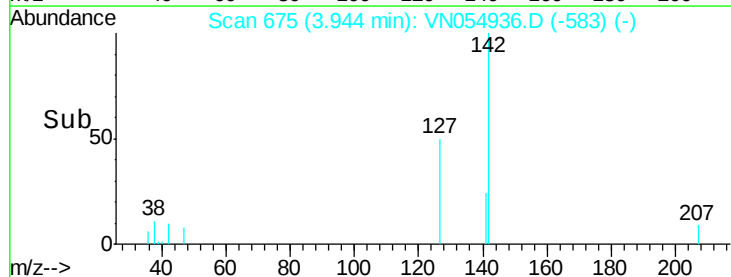
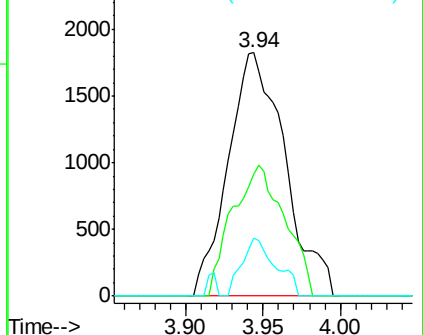
141 14.1 11.7 17.5

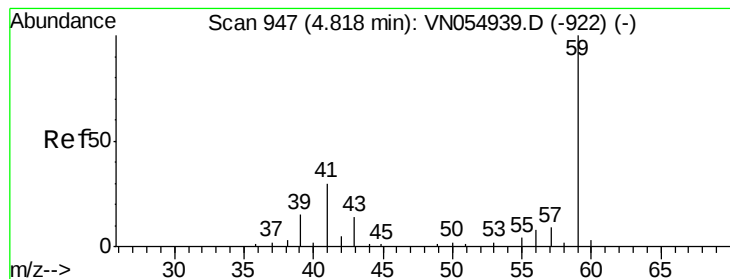


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 0.367 ug/l

RT: 4.81 min Scan# 945

Delta R.T. -0.01 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampled :

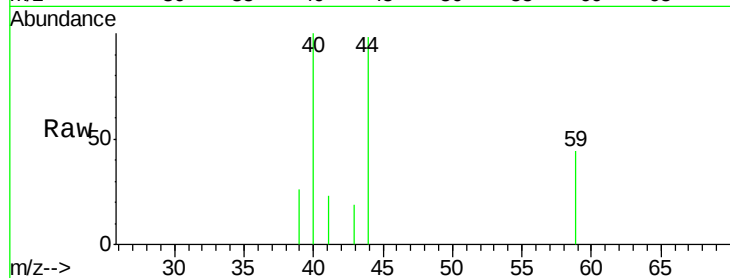
VSTDIC001

Tgt Ion: 59 Resp: 98

Ion Ratio Lower Upper

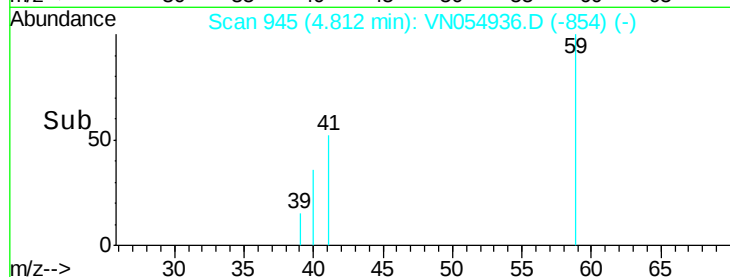
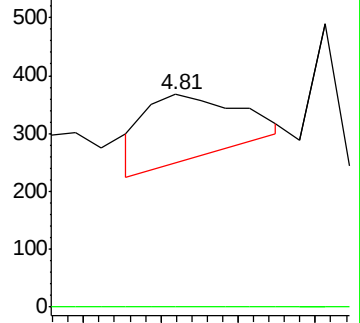
59 100

57 0.0 5.0 7.4#

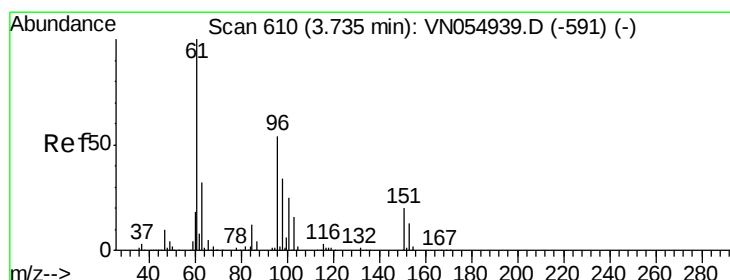


Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



Time-->



#12

1,1-Dichloroethene

Concen: 1.152 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

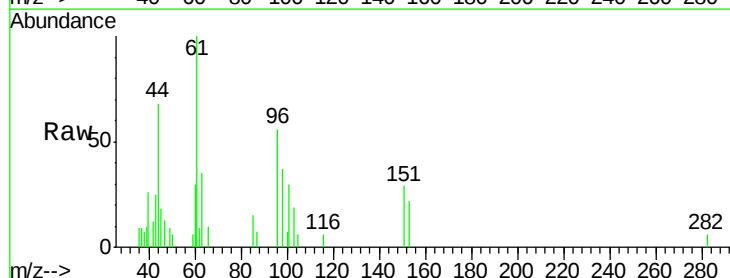
Tgt Ion: 96 Resp: 3973

Ion Ratio Lower Upper

96 100

61 179.6 148.2 222.2

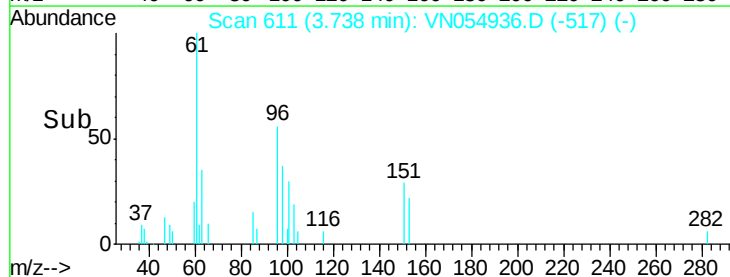
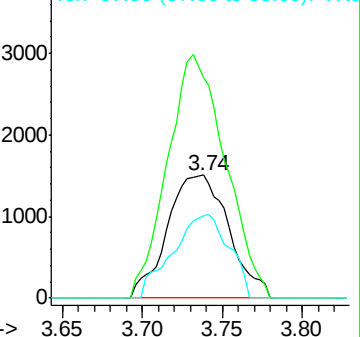
98 66.9 50.2 75.4



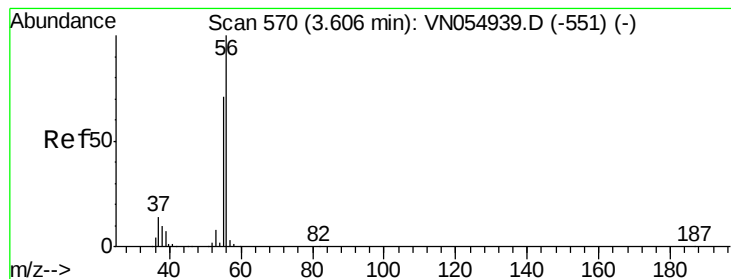
Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



Time-->



#13

Acrolein

Concen: 2.208 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

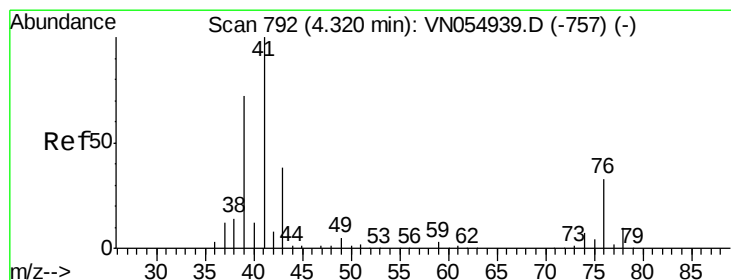
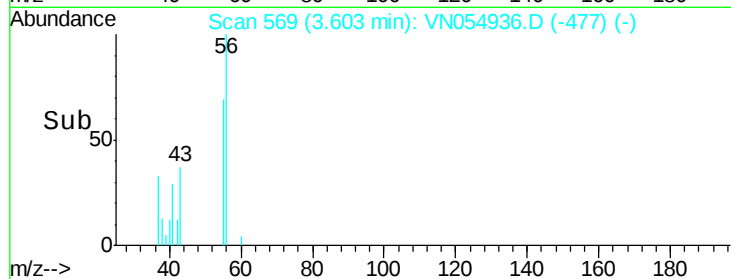
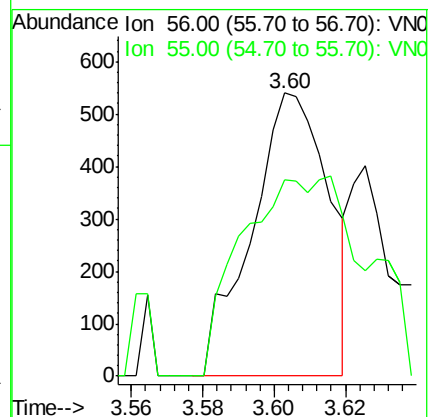
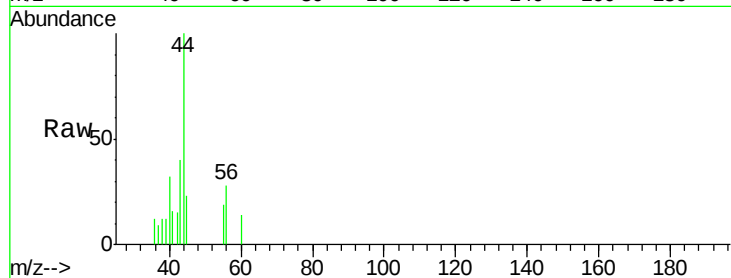
VSTDIC001

Tgt Ion: 56 Resp: 806

Ion Ratio Lower Upper

56 100

55 63.2 58.6 87.8



#14

Allyl chloride

Concen: 0.494 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.01 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

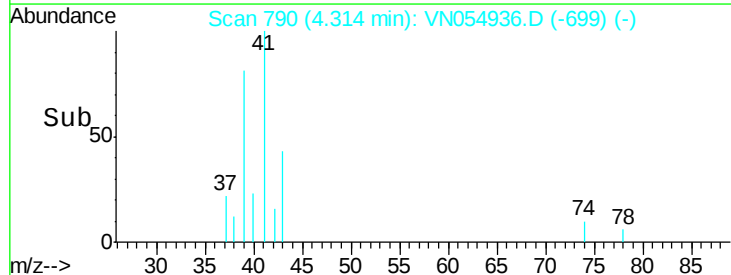
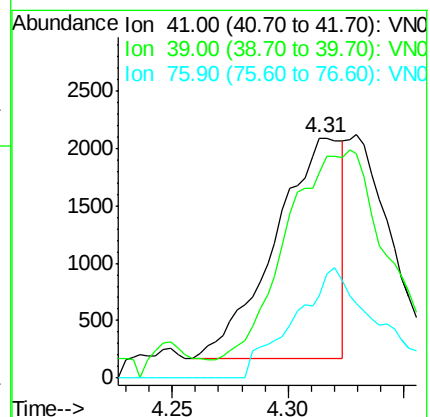
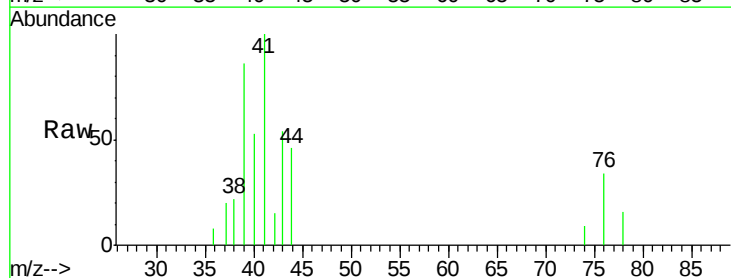
Tgt Ion: 41 Resp: 3862

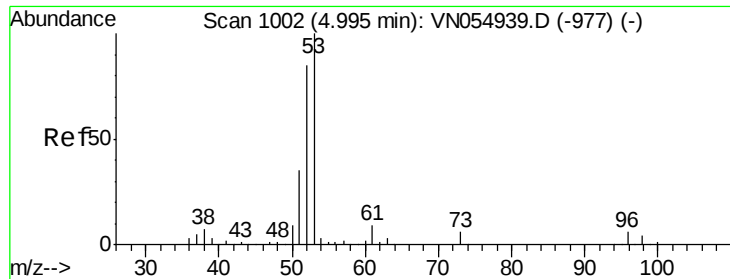
Ion Ratio Lower Upper

41 100

39 144.6 55.4 83.2#

76 60.5 23.8 35.8#





#15

Acrylonitrile

Concen: 3.201 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. 0.01 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

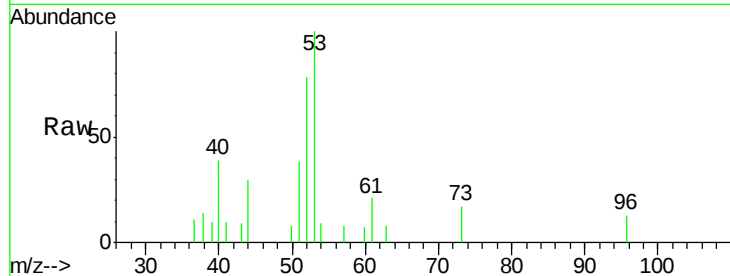
Tgt Ion: 53 Resp: 5109

Ion Ratio Lower Upper

53 100

52 78.9 66.4 99.6

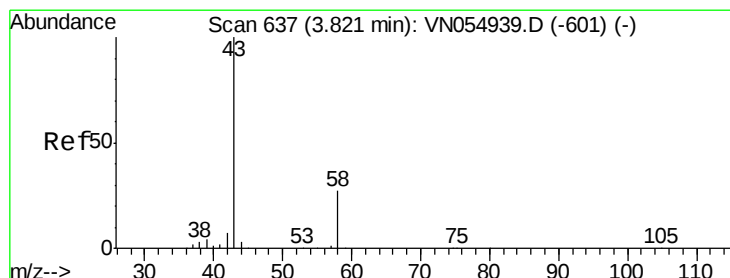
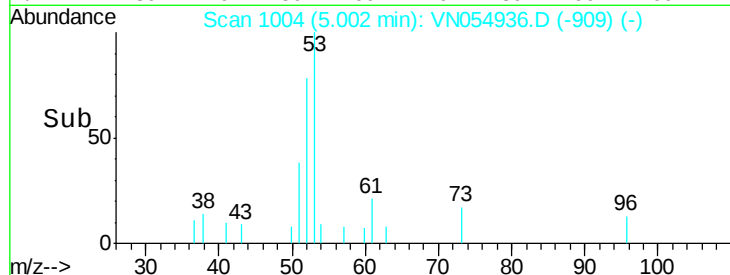
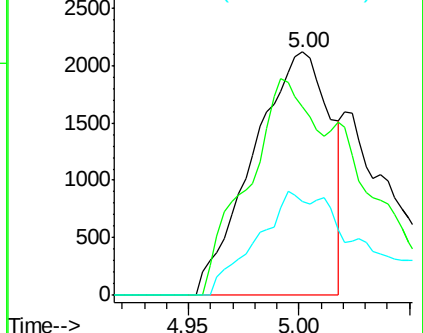
51 28.9 29.5 44.3#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 2.292 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.01 min

Lab File: VN054936.D

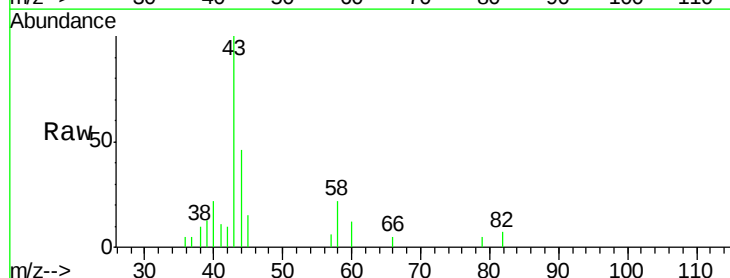
Acq: 4 Apr 2019 9:46

Tgt Ion: 43 Resp: 3213

Ion Ratio Lower Upper

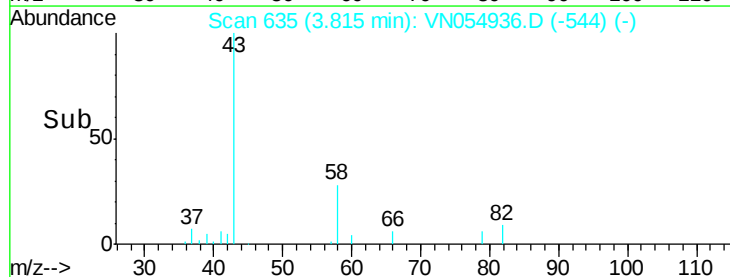
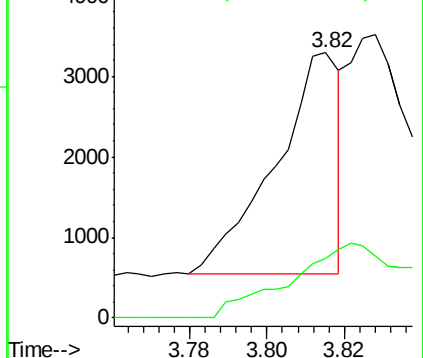
43 100

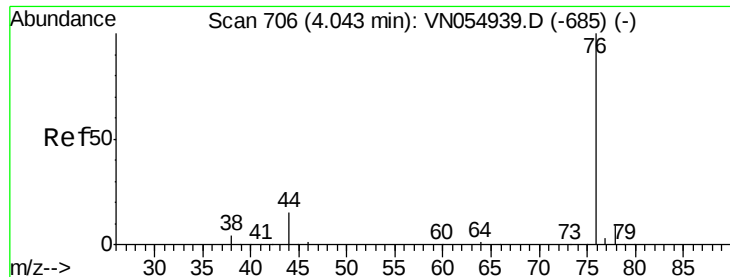
58 26.7 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

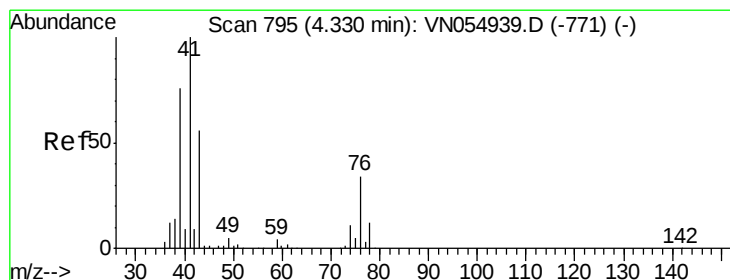
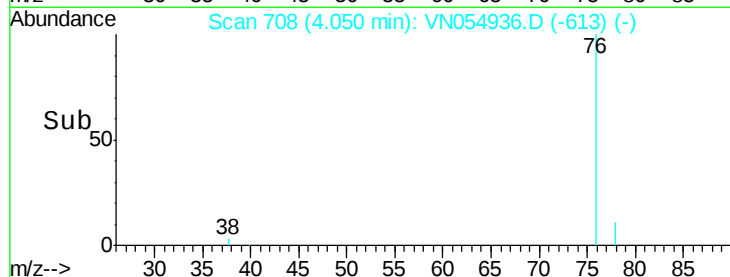
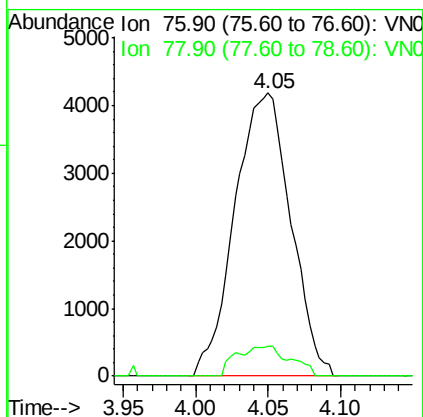
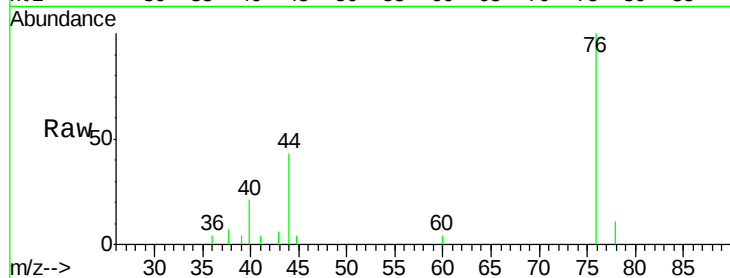




#17  
Carbon Disulfide  
Concen: 1.021 ug/l  
RT: 4.05 min Scan# 708  
Delta R.T. 0.01 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

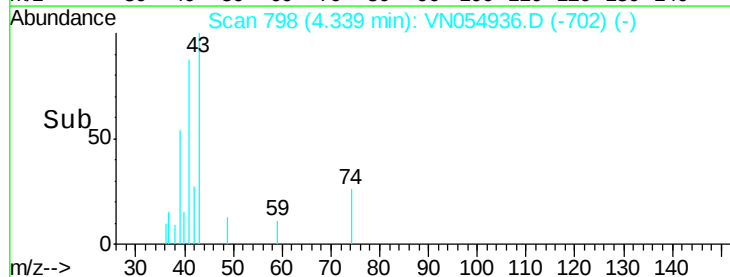
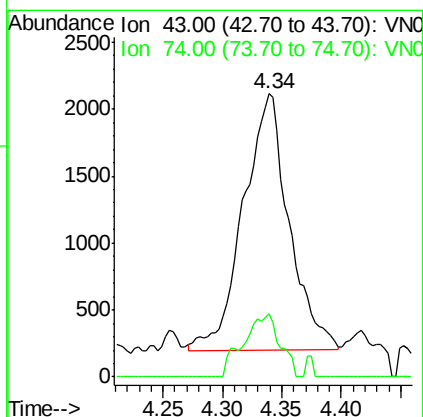
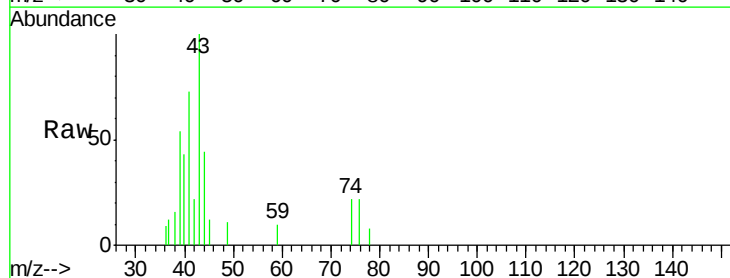
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

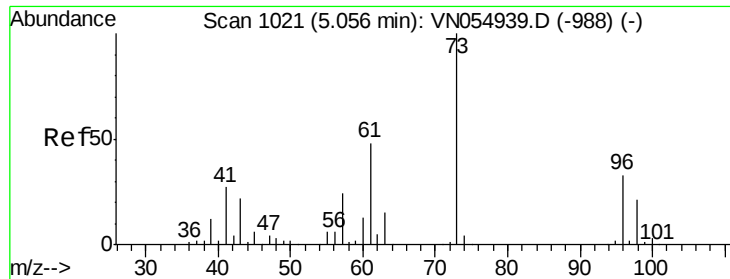
Tgt Ion: 76 Resp: 11210  
Ion Ratio Lower Upper  
76 100  
78 10.6 7.1 10.7



#18  
Methyl Acetate  
Concen: 1.325 ug/l  
RT: 4.34 min Scan# 798  
Delta R.T. 0.01 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Tgt Ion: 43 Resp: 5087  
Ion Ratio Lower Upper  
43 100  
74 19.6 16.4 24.6

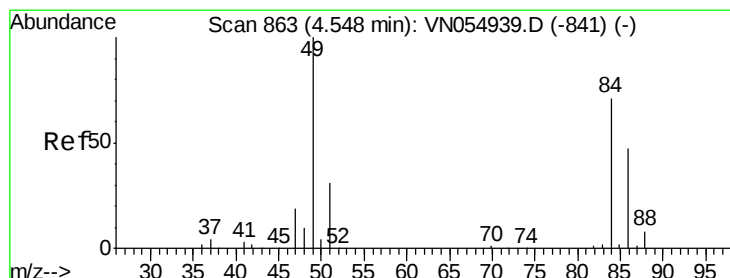
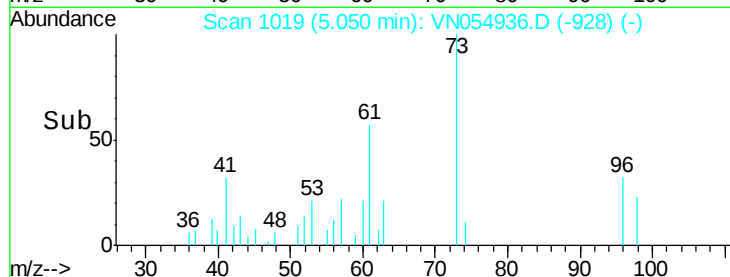
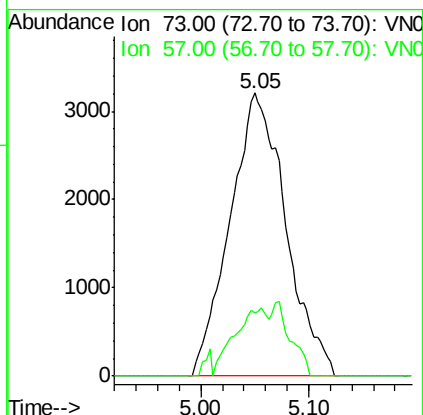
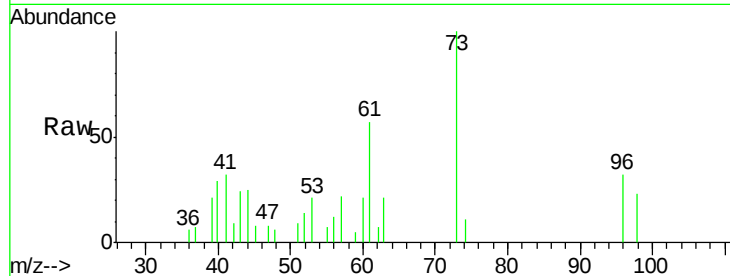




#19  
Methyl tert-butyl Ether  
Concen: 1.032 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

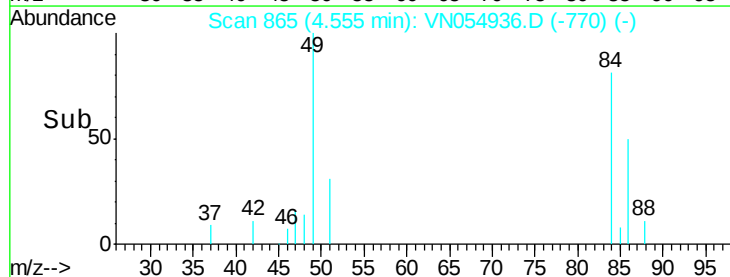
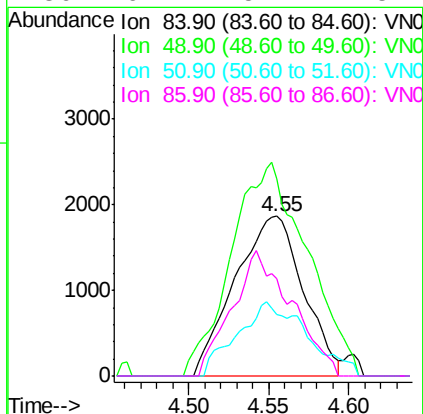
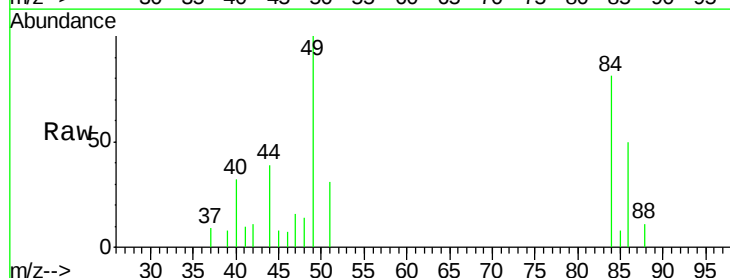
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

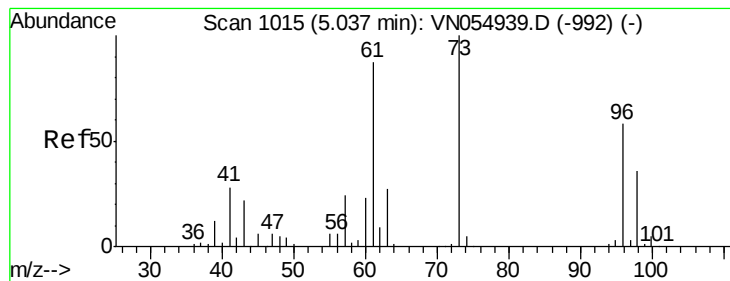
Tgt Ion: 73 Resp: 11540  
Ion Ratio Lower Upper  
73 100  
57 22.5 19.5 29.3



#20  
Methylene Chloride  
Concen: 1.151 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.01 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Tgt Ion: 84 Resp: 5511  
Ion Ratio Lower Upper  
84 100  
49 114.0 112.1 168.1  
51 38.2 34.5 51.7  
86 61.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 0.741 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

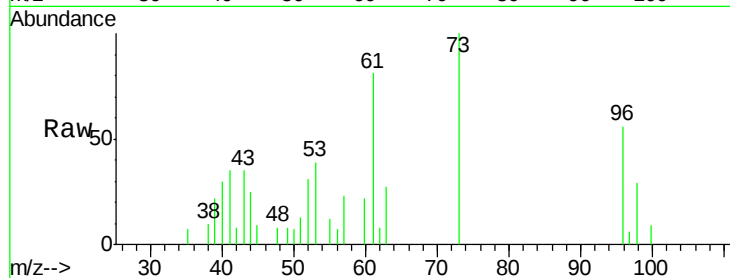
Tgt Ion: 96 Resp: 3185

Ion Ratio Lower Upper

96 100

61 132.5 120.1 180.1

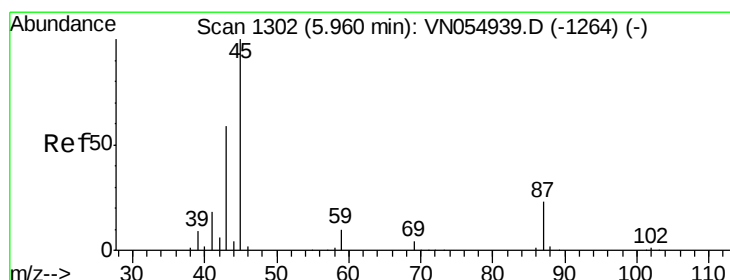
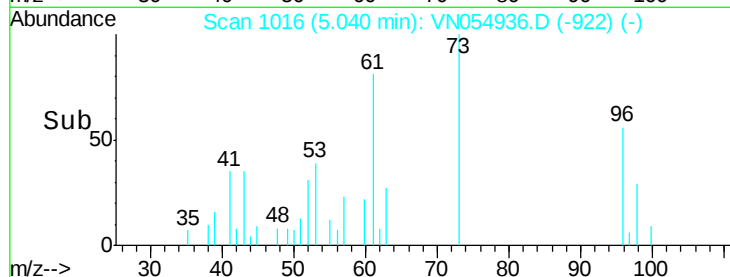
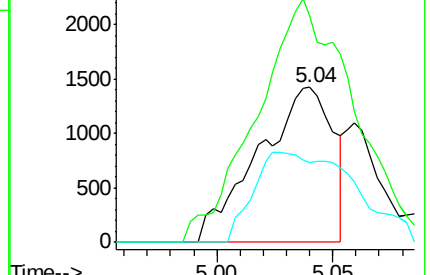
98 51.8 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN054939.D (-992) (-)

Ion 60.90 (60.60 to 61.60): VN054939.D (-992) (-)

Ion 97.90 (97.60 to 98.60): VN054939.D (-992) (-)



#22

Diisopropyl ether

Concen: 0.945 ug/l

RT: 5.97 min Scan# 1306

Delta R.T. 0.01 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Tgt Ion: 45 Resp: 14856

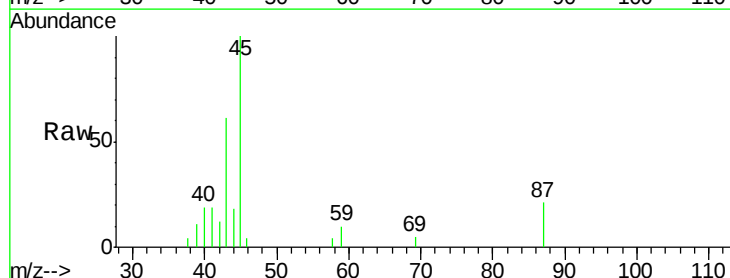
Ion Ratio Lower Upper

45 100

43 53.3 46.9 70.3

87 22.1 18.6 28.0

59 10.3 8.5 12.7

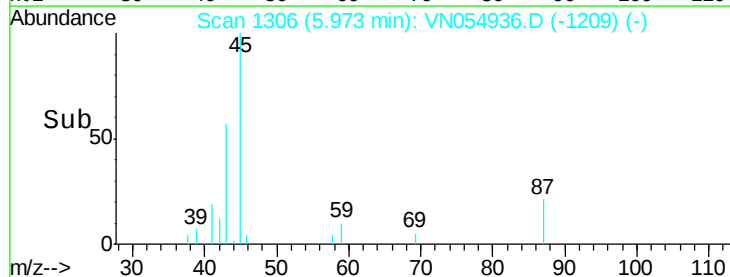
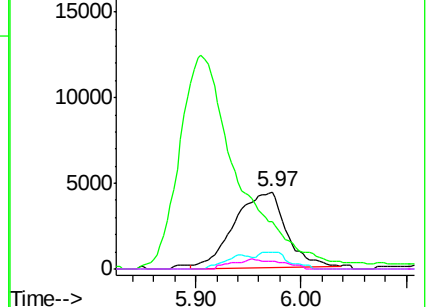


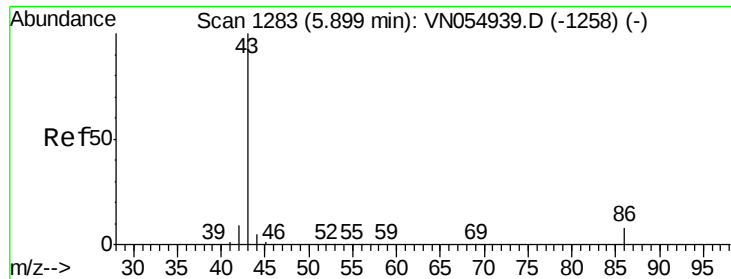
Abundance Ion 45.00 (44.70 to 45.70): VN054939.D (-1264) (-)

Ion 43.00 (42.70 to 43.70): VN054939.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN054939.D (-1264) (-)

Ion 59.00 (58.70 to 59.70): VN054939.D (-1264) (-)

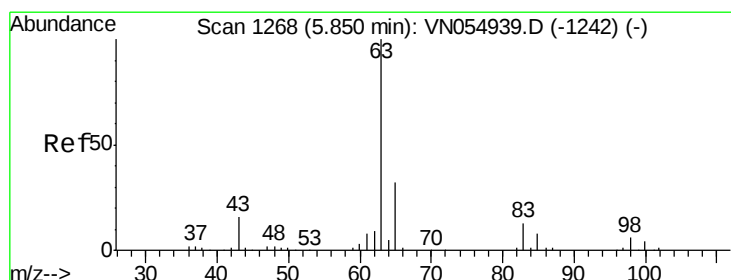
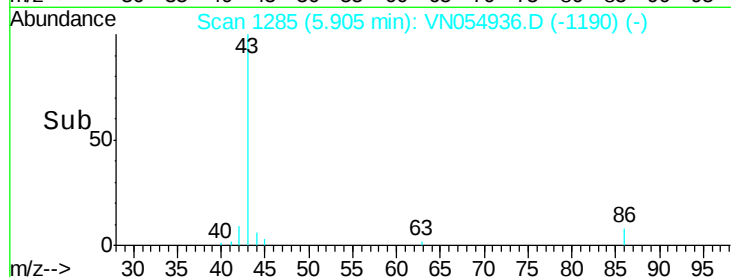
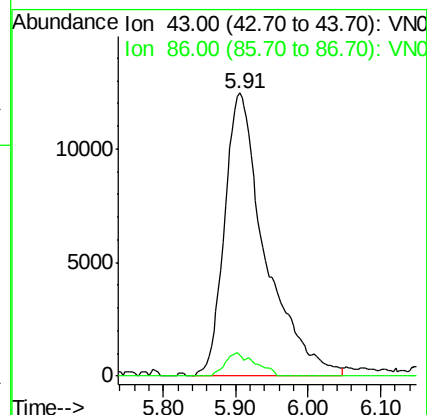
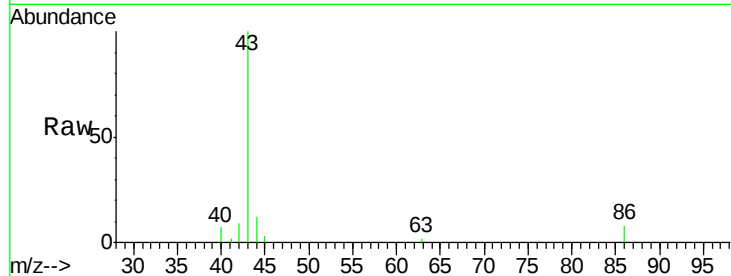




#23  
 Vinyl Acetate  
 Concen: 4.455 ug/l  
 RT: 5.91 min Scan# 1285  
 Delta R.T. 0.01 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

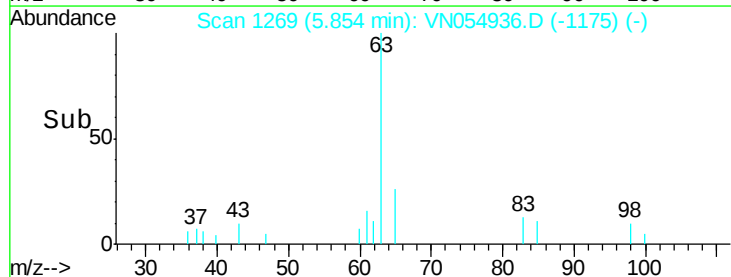
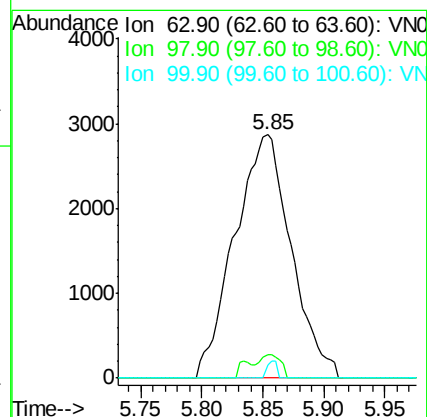
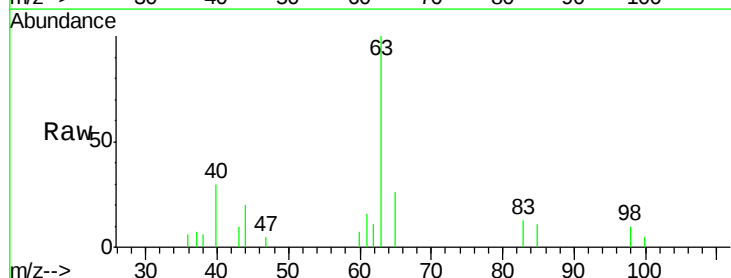
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

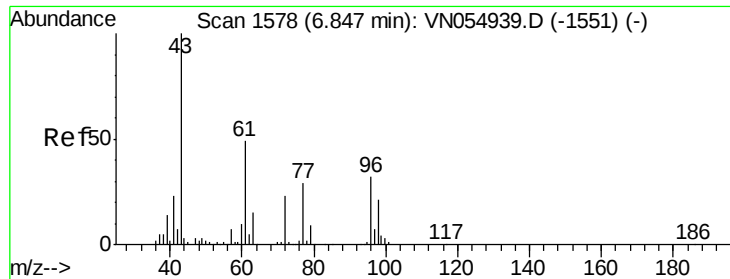
Tgt Ion: 43 Resp: 48725  
 Ion Ratio Lower Upper  
 43 100  
 86 7.6 6.7 10.1



#24  
 1,1-Dichloroethane  
 Concen: 1.075 ug/l  
 RT: 5.85 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

Tgt Ion: 63 Resp: 9210  
 Ion Ratio Lower Upper  
 63 100  
 98 9.8 2.9 8.7#  
 100 5.5 2.1 6.2





#25

2-Butanone

Concen: 4.156 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

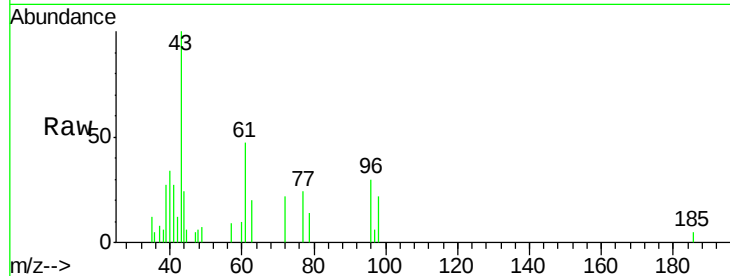
VSTDIC001

Tgt Ion: 43 Resp: 8048

Ion Ratio Lower Upper

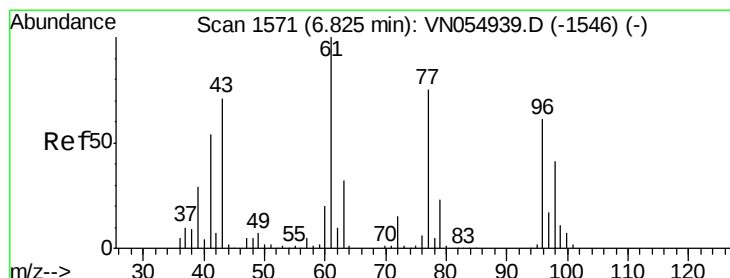
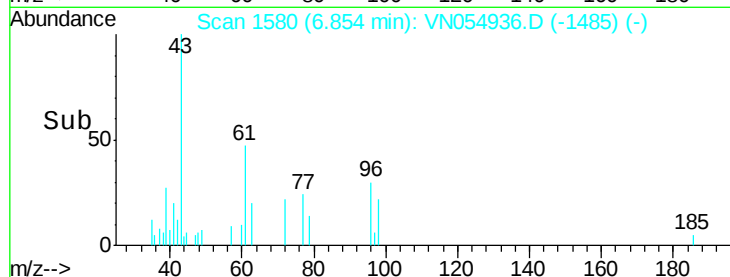
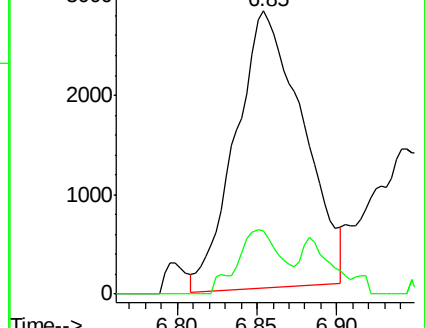
43 100

72 24.1 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VN054939.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN054939.D (-1551) (-)



#26

2,2-Dichloropropane

Concen: 1.028 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054936.D

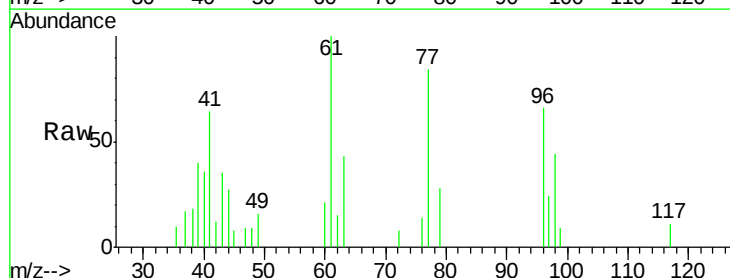
Acq: 4 Apr 2019 9:46

Tgt Ion: 77 Resp: 6179

Ion Ratio Lower Upper

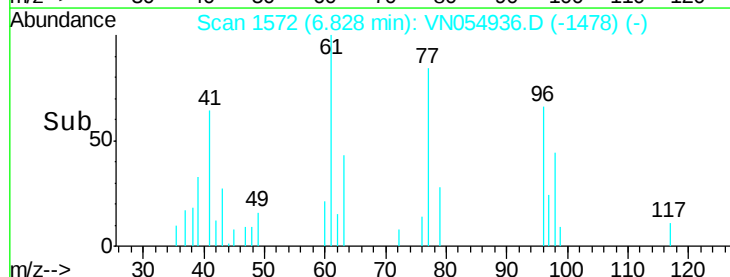
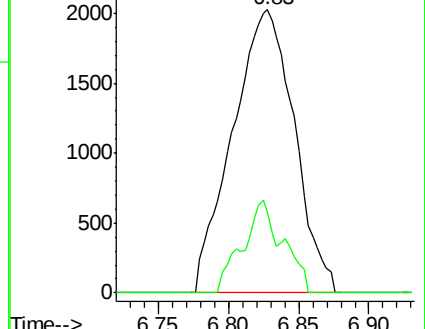
77 100

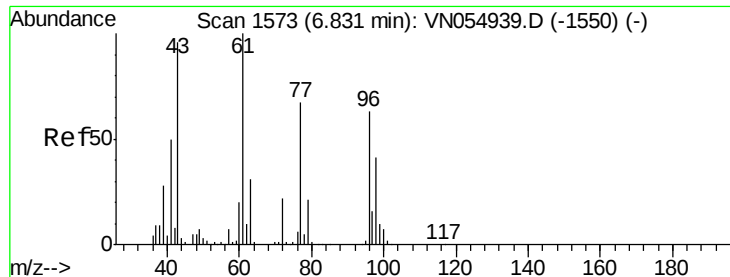
97 21.2 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VN054939.D (-1546) (-)

Ion 96.90 (96.60 to 97.60): VN054939.D (-1546) (-)





#27

cis-1,2-Dichloroethene

Concen: 1.003 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

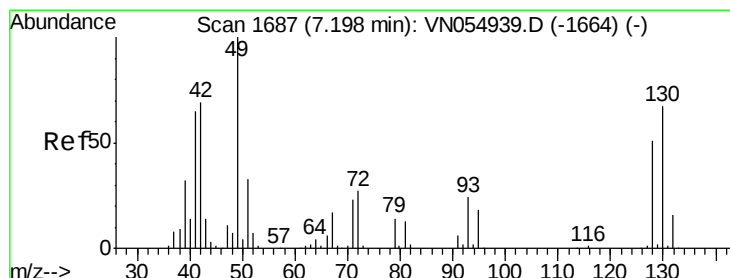
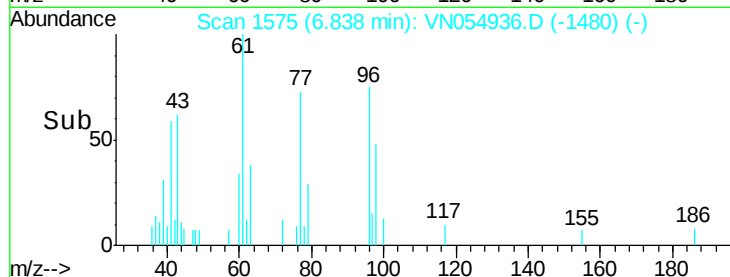
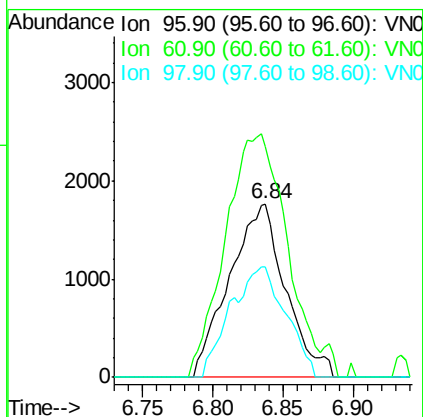
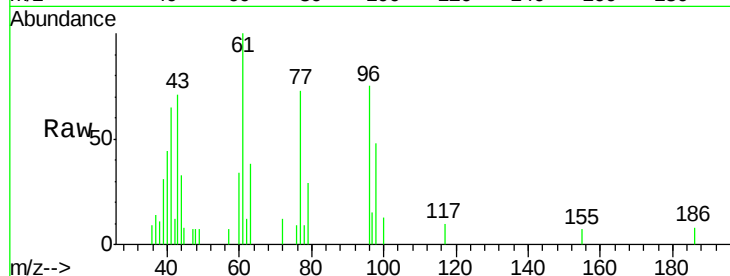
Tgt Ion: 96 Resp: 4900

Ion Ratio Lower Upper

96 100

61 152.8 0.0 316.2

98 62.5 0.0 129.6



#28

Bromochloromethane

Concen: 1.121 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

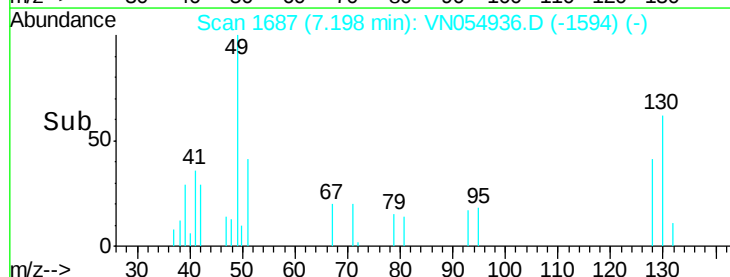
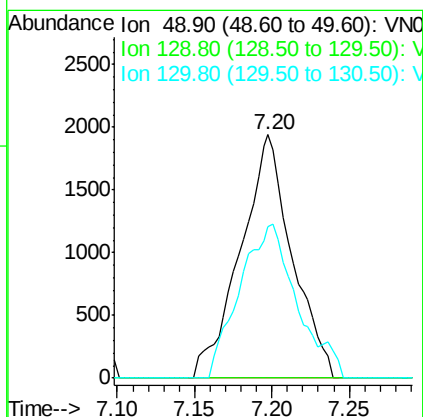
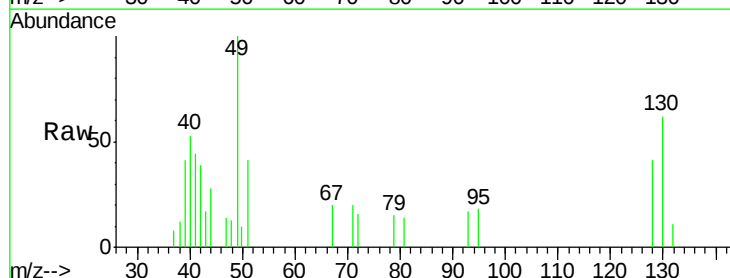
Tgt Ion: 49 Resp: 4503

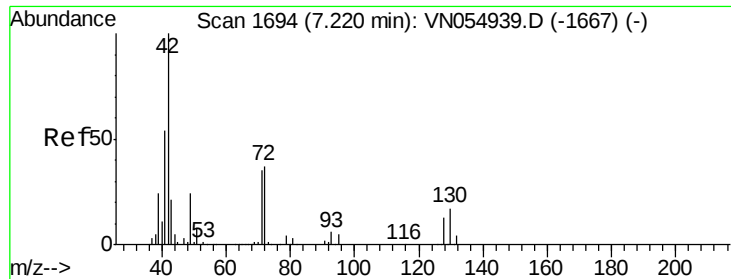
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 70.2 53.1 79.7

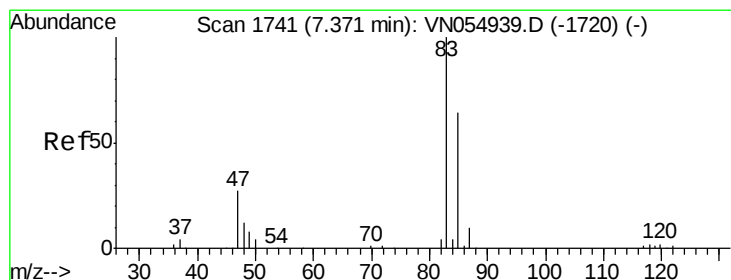
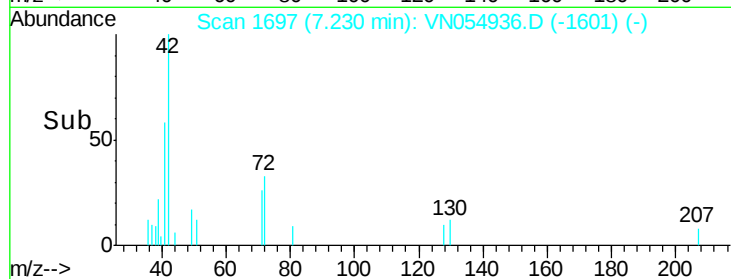
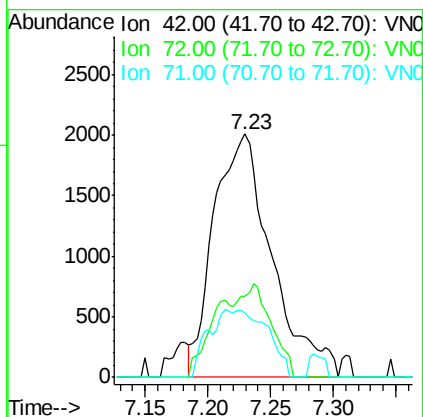
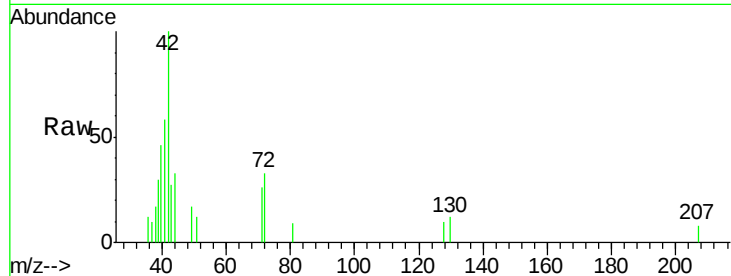




#29  
Tetrahydrofuran  
Concen: 5.069 ug/l  
RT: 7.23 min Scan# 1697  
Delta R.T. 0.01 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

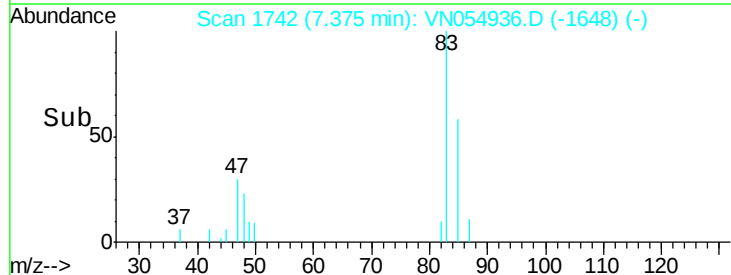
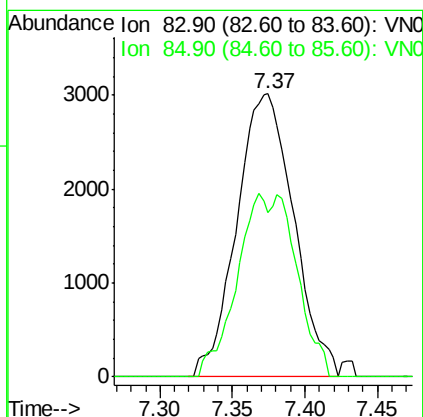
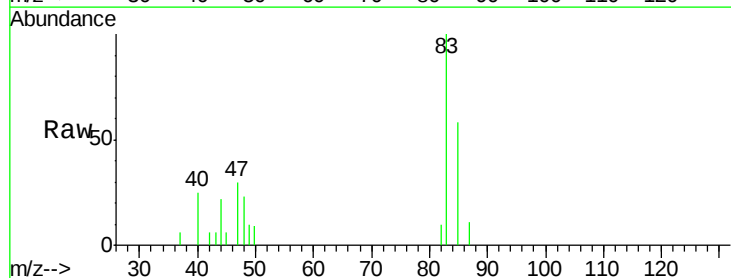
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

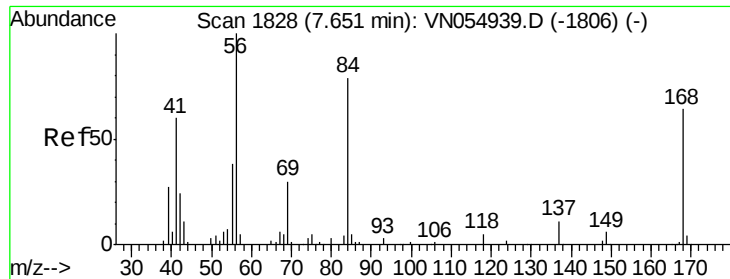
Tgt Ion: 42 Resp: 6434  
Ion Ratio Lower Upper  
42 100  
72 14.2 29.3 43.9#  
71 12.5 27.8 41.6#



#30  
Chloroform  
Concen: 1.014 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Tgt Ion: 83 Resp: 8240  
Ion Ratio Lower Upper  
83 100  
85 58.2 51.4 77.0

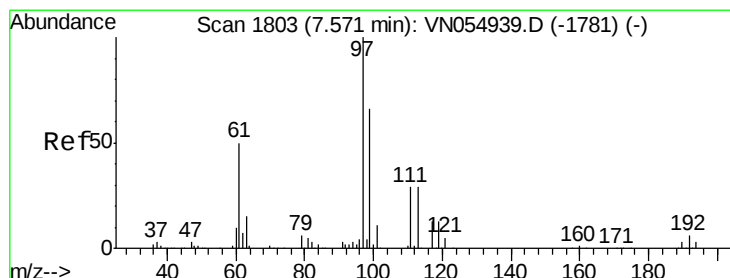
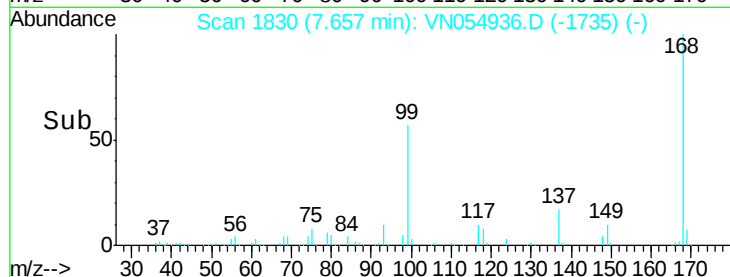
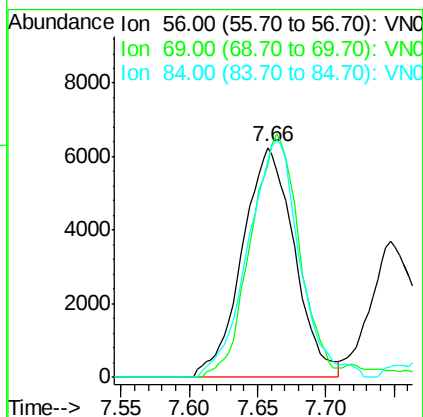
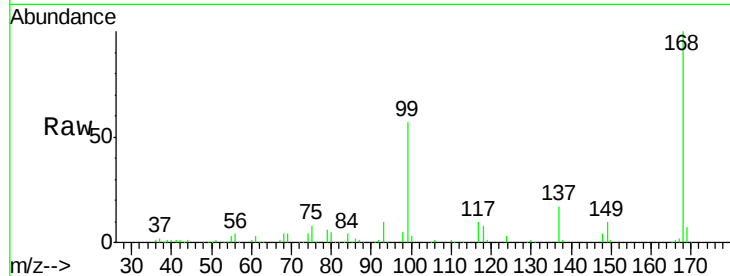




#31  
Cyclohexane  
Concen: 1.695 ug/l  
RT: 7.66 min Scan# 1830  
Delta R.T. 0.01 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

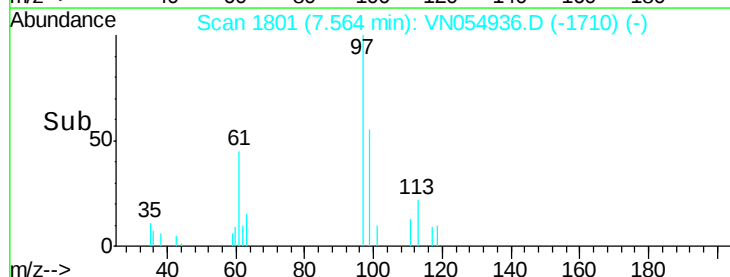
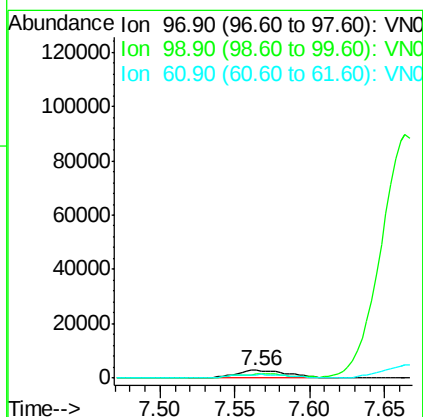
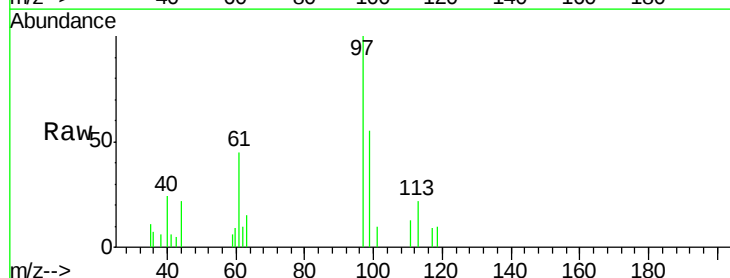
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

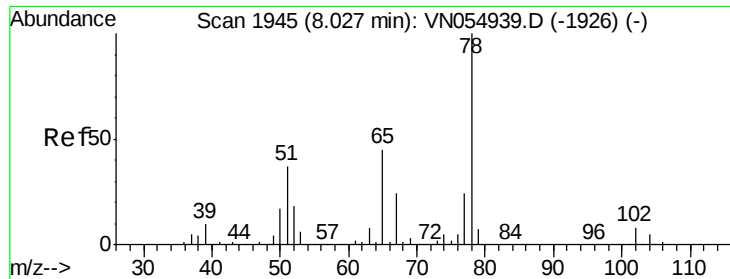
Tgt Ion: 56 Resp: 16587  
Ion Ratio Lower Upper  
56 100  
69 92.5 23.8 35.6#  
84 94.4 61.8 92.8#



#32  
1,1,1-Trichloroethane  
Concen: 1.069 ug/l  
RT: 7.56 min Scan# 1801  
Delta R.T. -0.01 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Tgt Ion: 97 Resp: 7331  
Ion Ratio Lower Upper  
97 100  
99 0.0 52.1 78.1#  
61 48.6 39.6 59.4

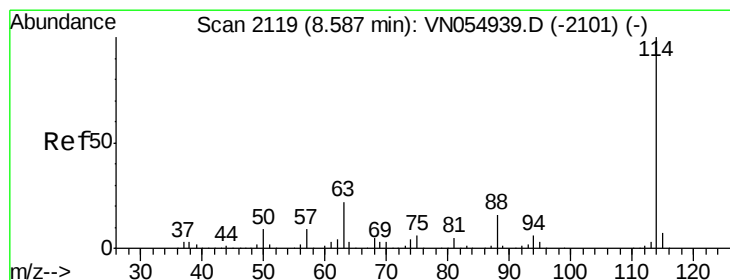
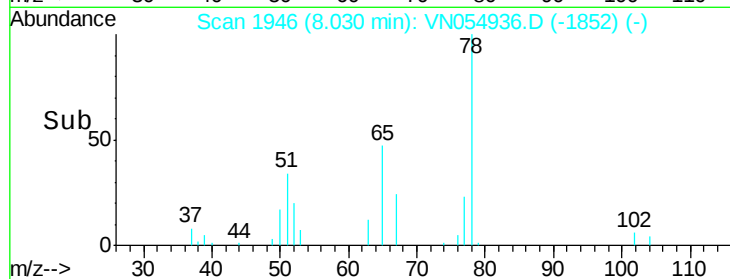
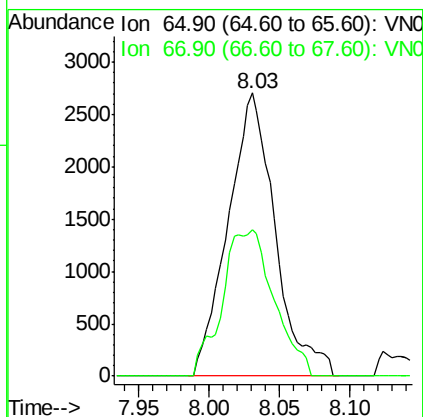
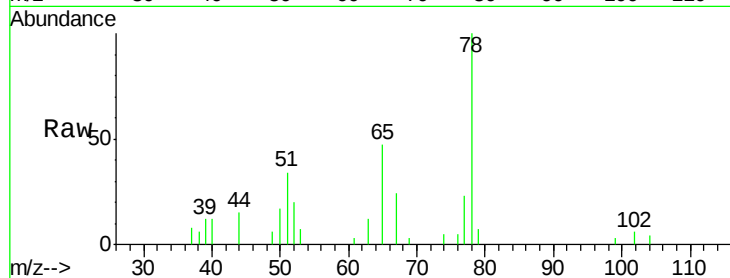




#33  
 1,2-Dichloroethane-d4  
 Concen: 1.227 ug/l  
 RT: 8.03 min Scan# 1946  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

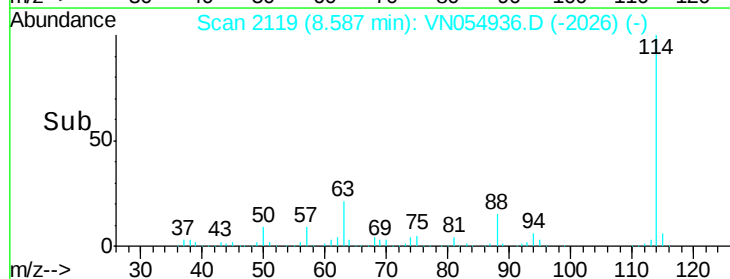
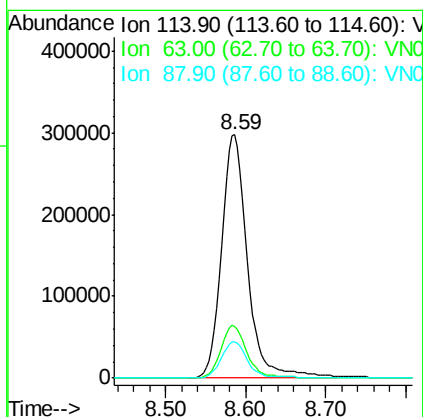
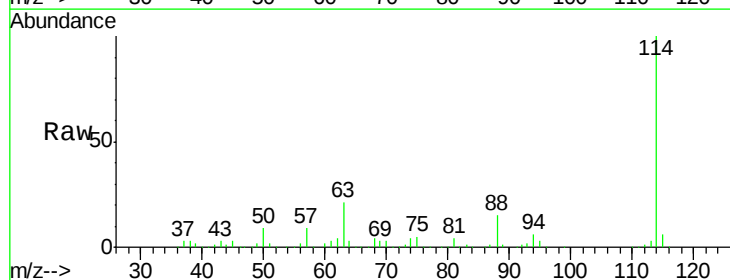
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

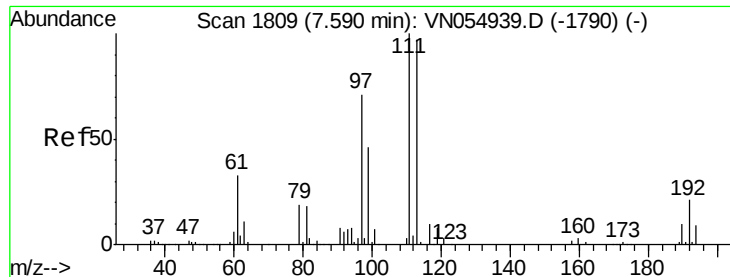
Tgt Ion: 65 Resp: 6329  
 Ion Ratio Lower Upper  
 65 100  
 67 56.6 0.0 105.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

Tgt Ion: 114 Resp: 667401  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 44.6  
 88 15.1 0.0 32.0

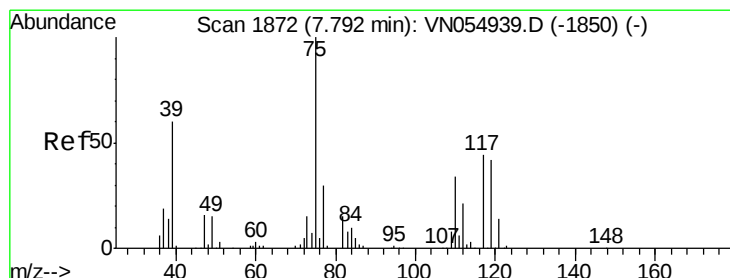
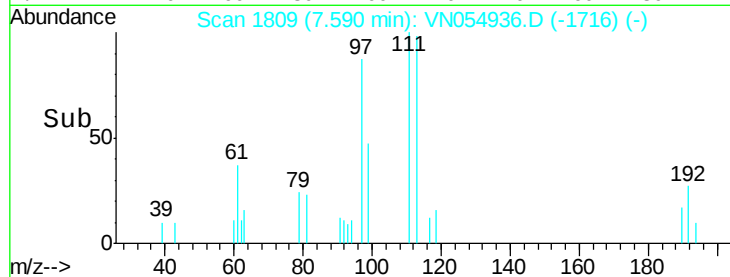
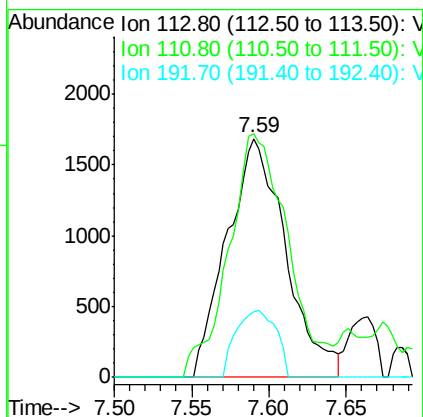
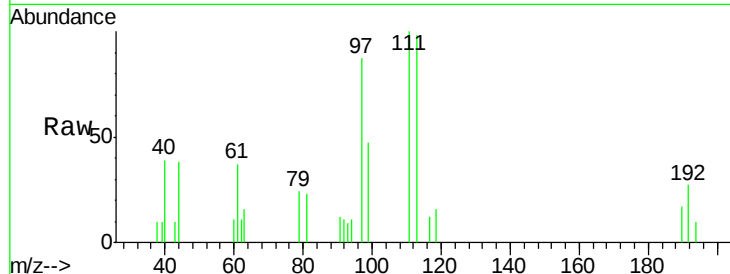




#35  
 Dibromofluoromethane  
 Concen: 1.026 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

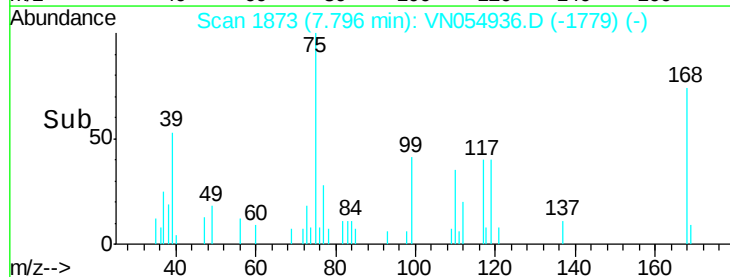
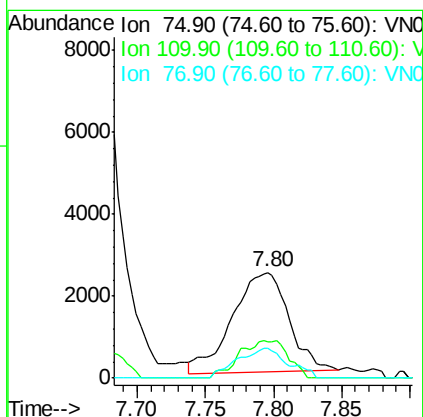
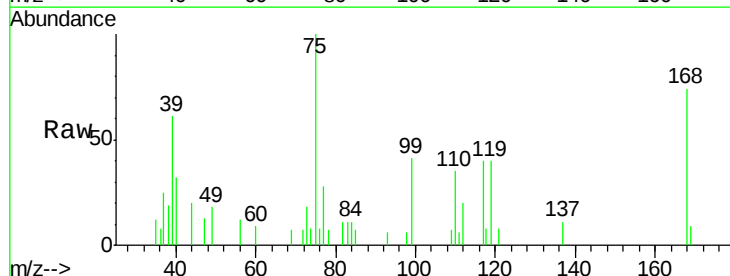
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

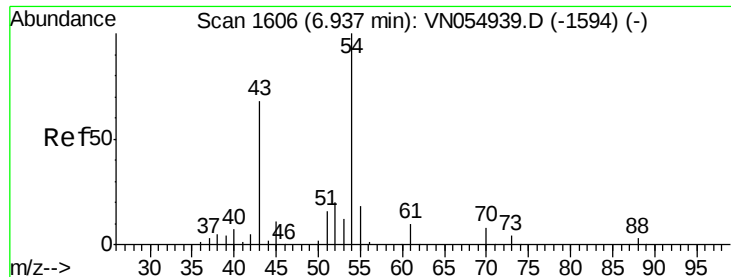
Tgt Ion: 113 Resp: 4458  
 Ion Ratio Lower Upper  
 113 100  
 111 102.5 81.0 121.4  
 192 18.9 16.5 24.7



#36  
 1,1-Dichloropropene  
 Concen: 1.050 ug/l  
 RT: 7.80 min Scan# 1873  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

Tgt Ion: 75 Resp: 6945  
 Ion Ratio Lower Upper  
 75 100  
 110 32.8 17.0 50.9  
 77 26.9 25.3 37.9

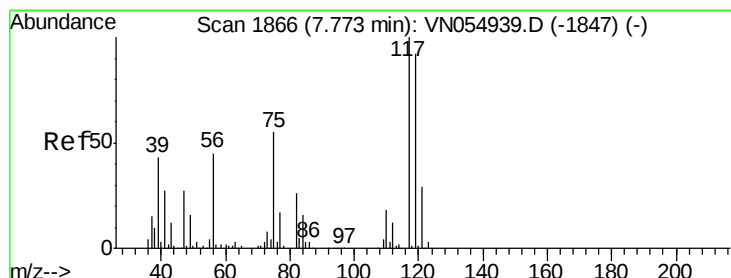
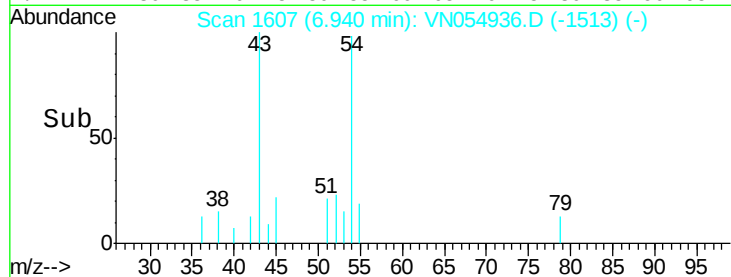
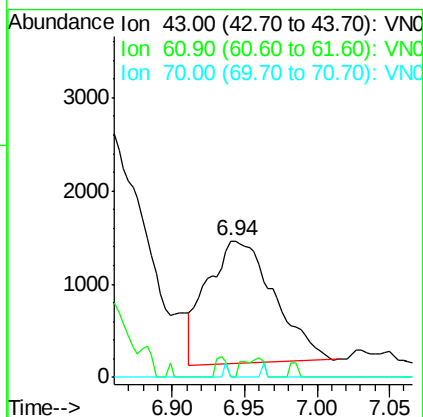
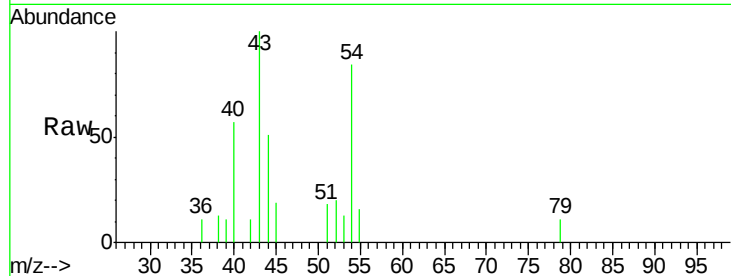




#37  
 Ethyl Acetate  
 Concen: 0.935 ug/l  
 RT: 6.94 min Scan# 1607  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

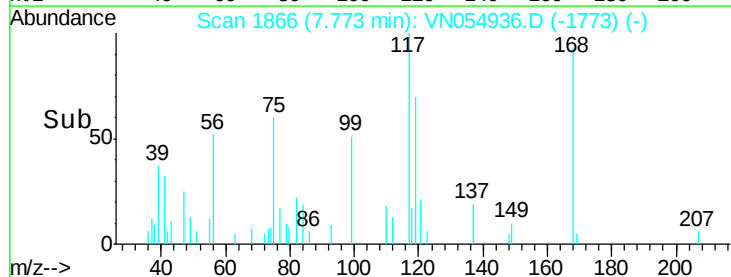
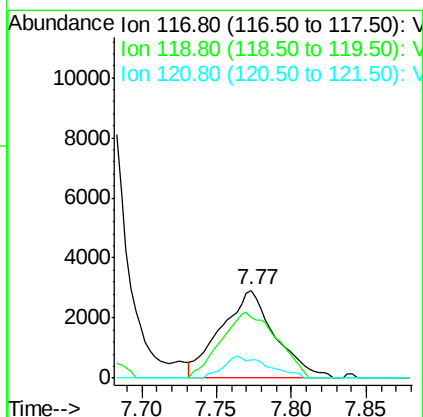
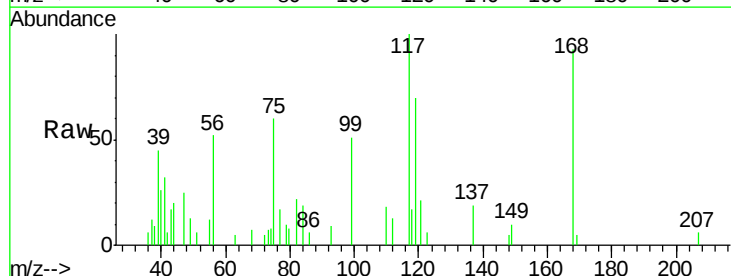
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 ClientSampleId :  
 VSTDIC001

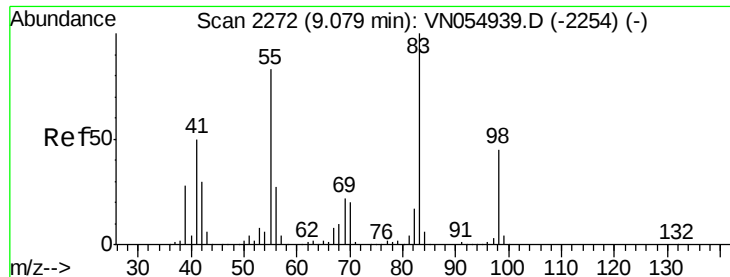
Tgt Ion: 43 Resp: 4241  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 10.3 15.5#  
 70 0.7 7.0 10.4#



#38  
 Carbon Tetrachloride  
 Concen: 1.148 ug/l  
 RT: 7.77 min Scan# 1866  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

Tgt Ion: 117 Resp: 7331  
 Ion Ratio Lower Upper  
 117 100  
 119 69.8 73.6 110.4#  
 121 20.9 23.4 35.0#

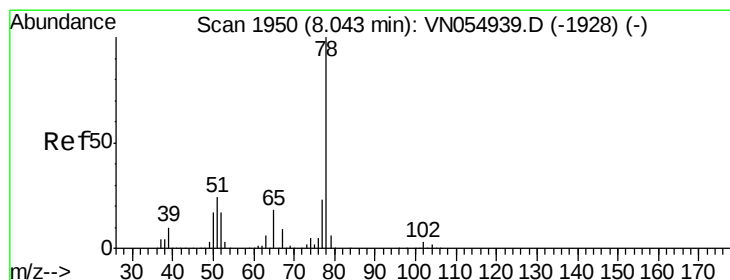
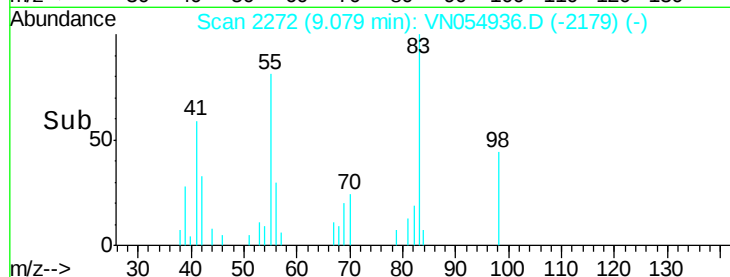
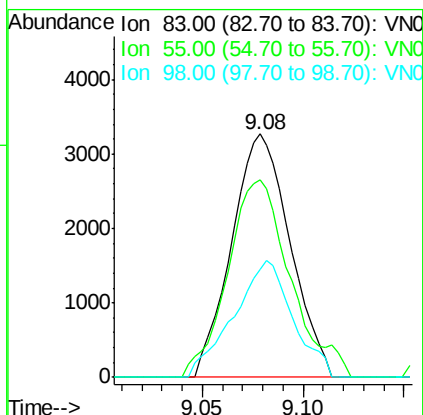
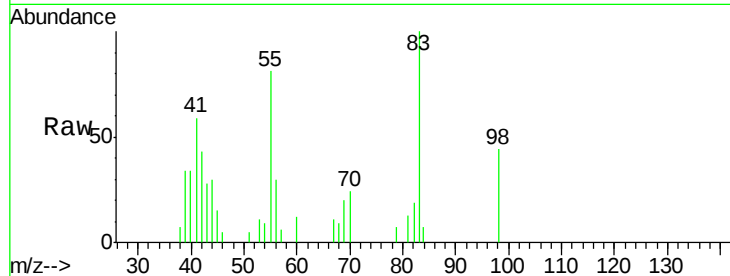




#39  
Methylcyclohexane  
Concen: 0.907 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

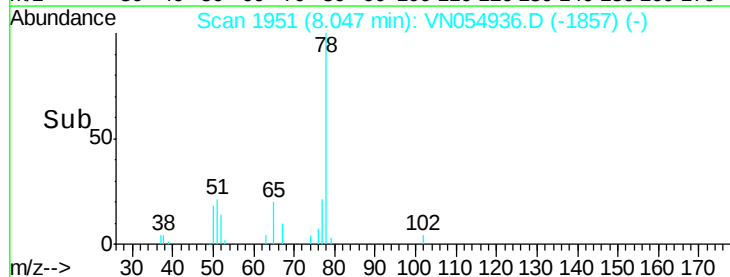
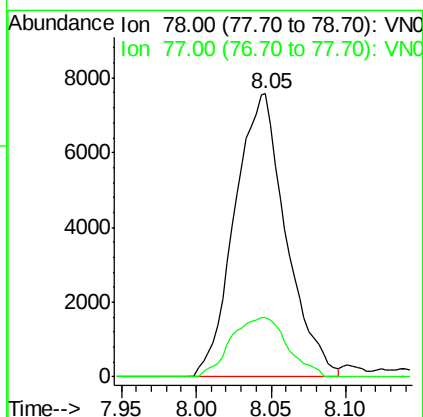
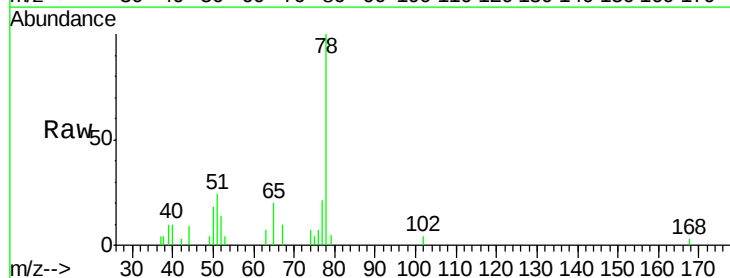
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

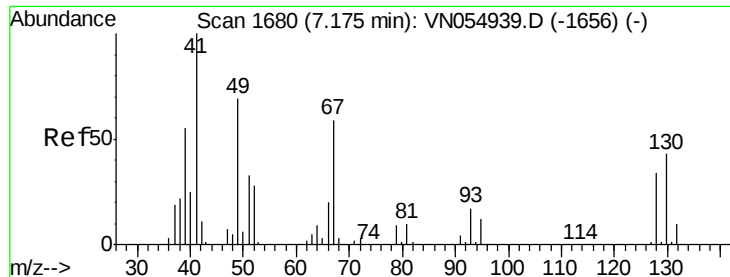
Tgt Ion: 83 Resp: 6595  
Ion Ratio Lower Upper  
83 100  
55 75.8 66.4 99.6  
98 44.2 36.4 54.6



#40  
Benzene  
Concen: 0.951 ug/l  
RT: 8.05 min Scan# 1951  
Delta R.T. 0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Tgt Ion: 78 Resp: 18094  
Ion Ratio Lower Upper  
78 100  
77 21.0 18.6 27.8

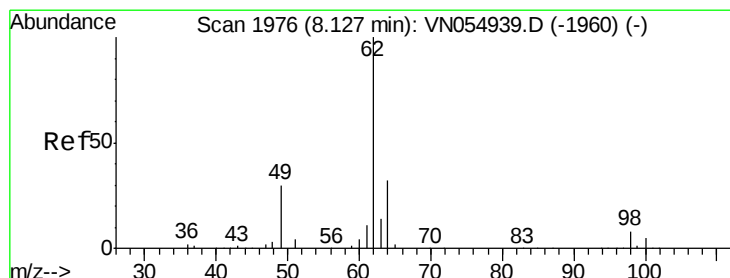
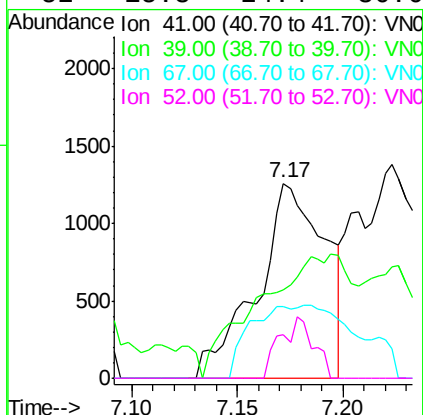
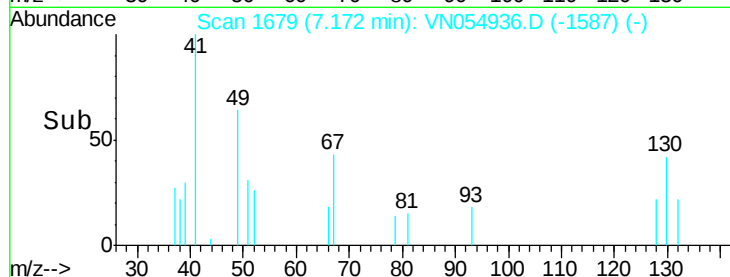
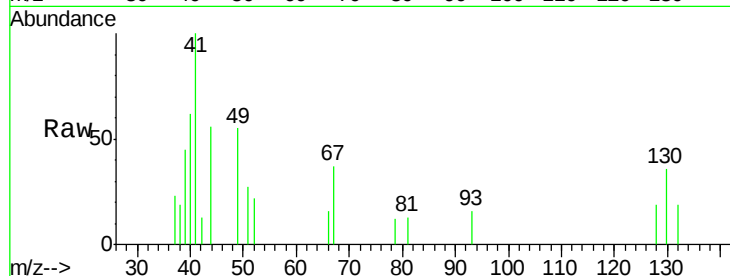




#41  
Methacrylonitrile  
Concen: 1.083 ug/l  
RT: 7.17 min Scan# 1679  
Delta R.T. -0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

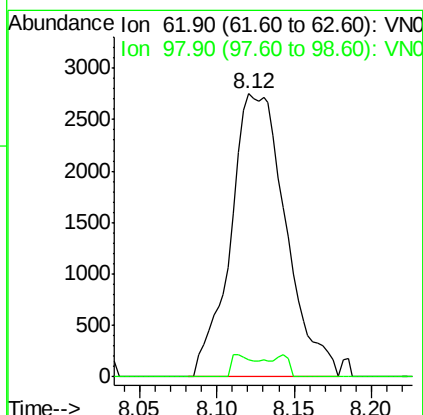
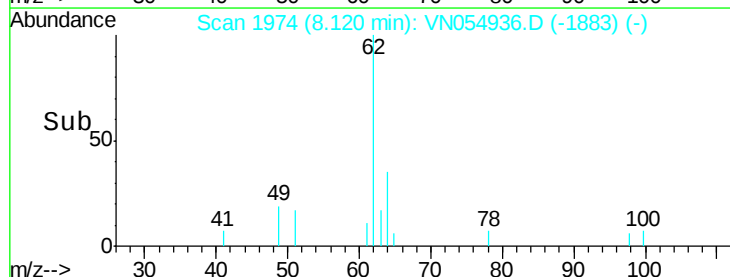
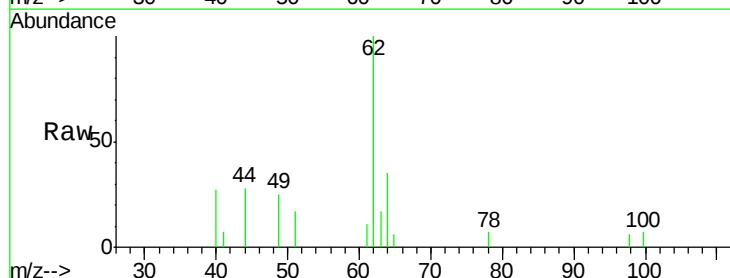
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

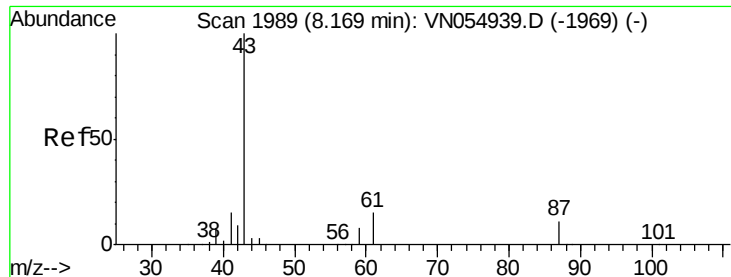
Tgt Ion: 41 Resp: 2810  
Ion Ratio Lower Upper  
41 100  
39 63.4 43.0 64.6  
67 23.3 55.0 82.6#  
52 15.8 24.4 36.6#



#42  
1,2-Dichloroethane  
Concen: 1.020 ug/l  
RT: 8.12 min Scan# 1974  
Delta R.T. -0.01 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Tgt Ion: 62 Resp: 6822  
Ion Ratio Lower Upper  
62 100  
98 2.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 0.917 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

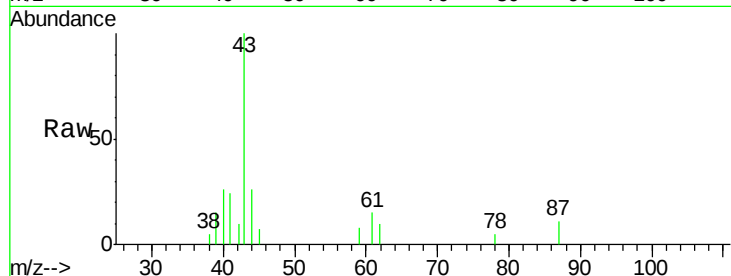
Tgt Ion: 43 Resp: 7015

Ion Ratio Lower Upper

43 100

61 16.6 14.4 21.6

87 7.3 9.0 13.4#

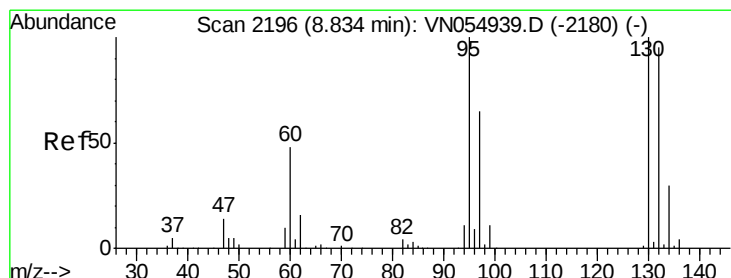
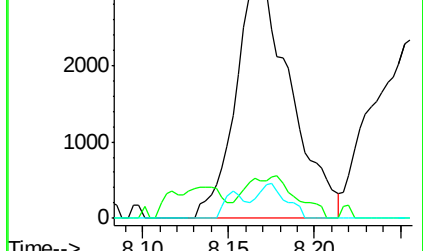
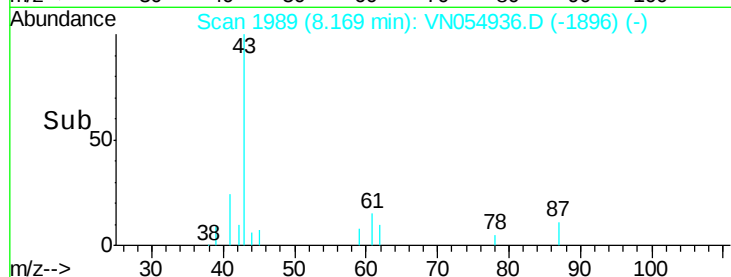


Abundance Ion 43.00 (42.70 to 43.70): VN054936.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054936.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054936.D (-1896) (-)

Time-->



#44

Trichloroethene

Concen: 0.931 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054936.D

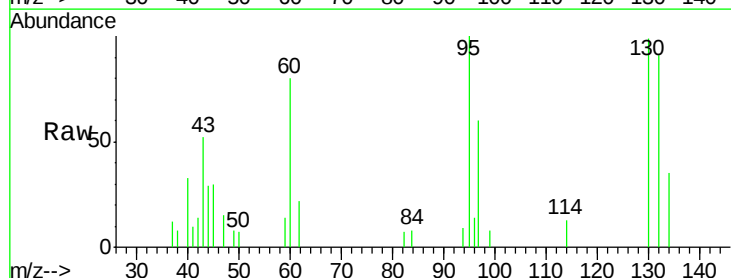
Acq: 4 Apr 2019 9:46

Tgt Ion: 130 Resp: 4532

Ion Ratio Lower Upper

130 100

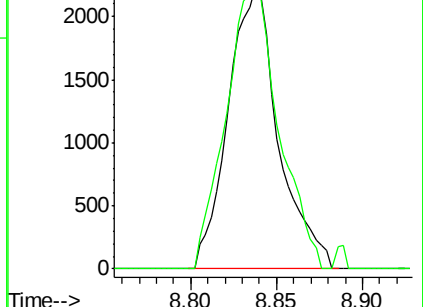
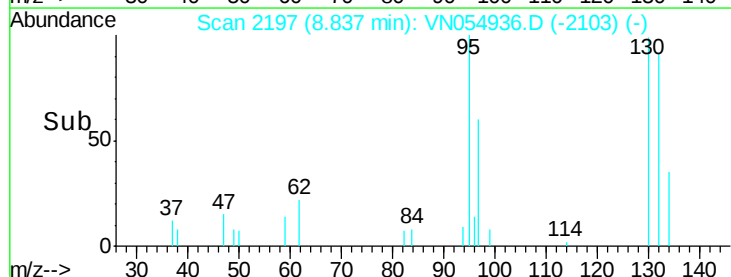
95 100.6 0.0 200.4

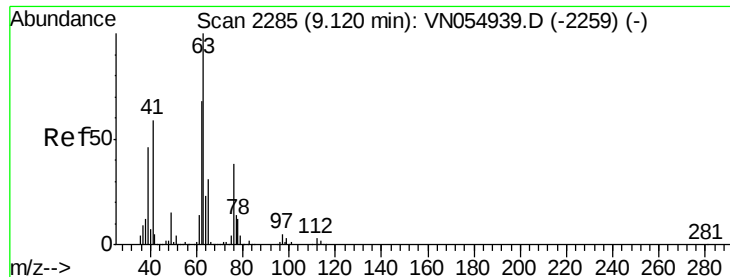


Abundance Ion 129.80 (129.50 to 130.50): VN054936.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN054936.D (-2103) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 0.921 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

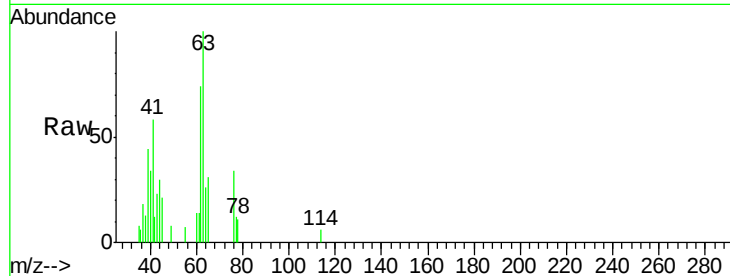
VSTDIC001

Tgt Ion: 63 Resp: 4882

Ion Ratio Lower Upper

63 100

65 31.2 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

2500

2000

1500

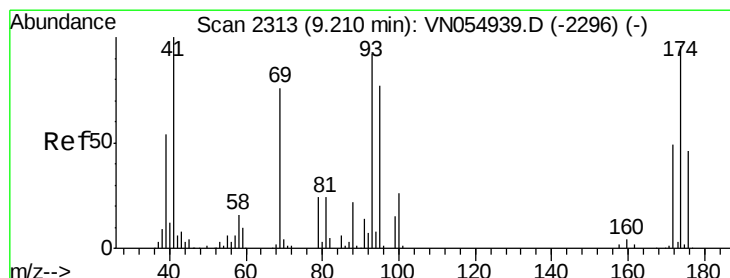
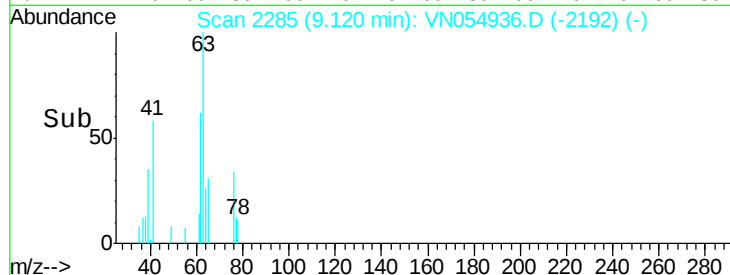
1000

500

0

Time-->

9.05 9.10 9.15



#46

Dibromomethane

Concen: 0.957 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

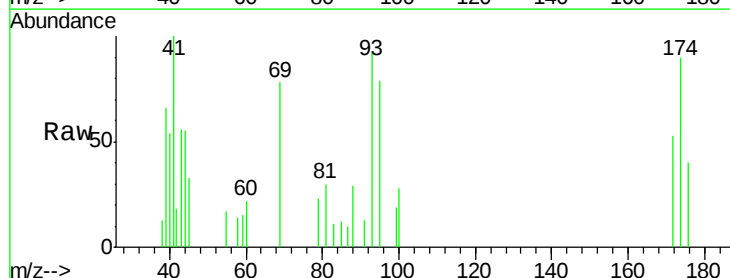
Tgt Ion: 93 Resp: 2878

Ion Ratio Lower Upper

93 100

95 79.8 66.7 100.1

174 104.8 82.0 123.0



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

2000

1500

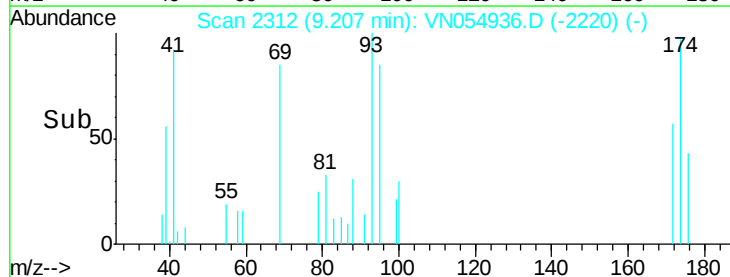
1000

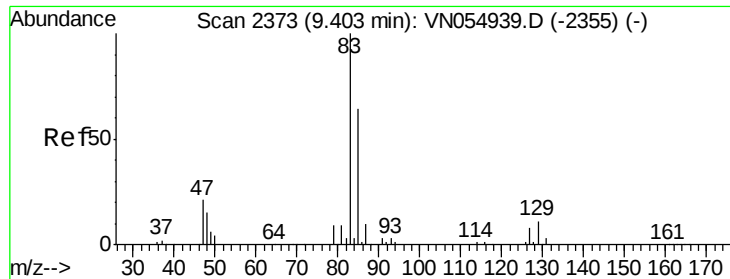
500

0

Time-->

9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 0.963 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

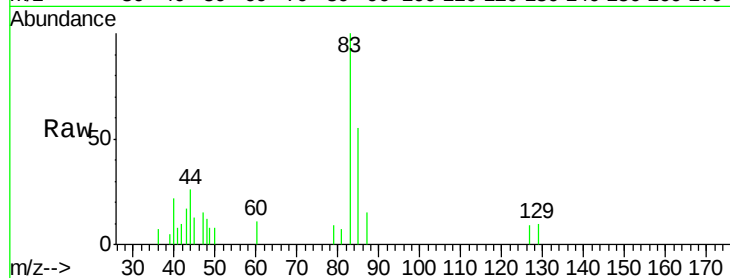
Tgt Ion: 83 Resp: 6081

Ion Ratio Lower Upper

83 100

85 54.9 51.1 76.7

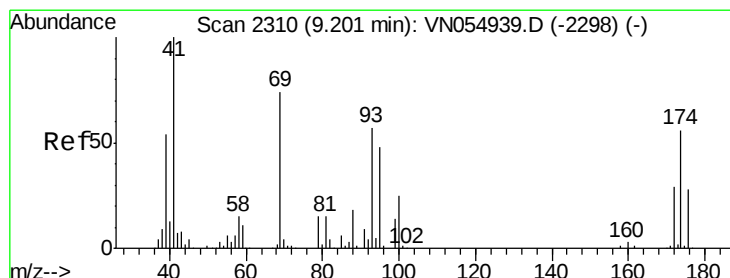
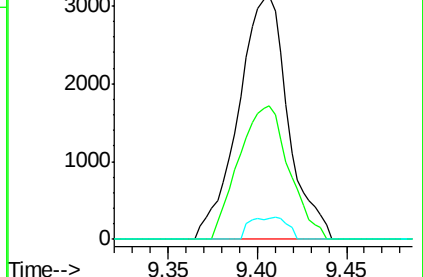
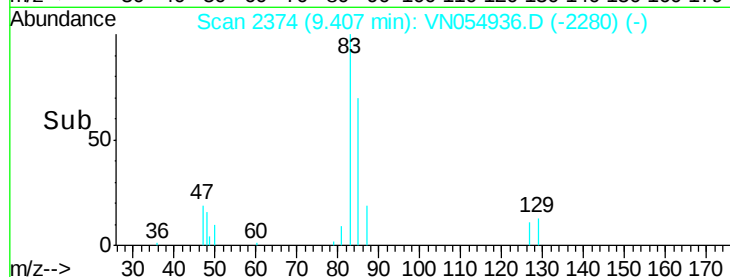
127 8.6 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN054936.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054936.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054936.D (-2280) (-)



#48

Methyl methacrylate

Concen: 0.837 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

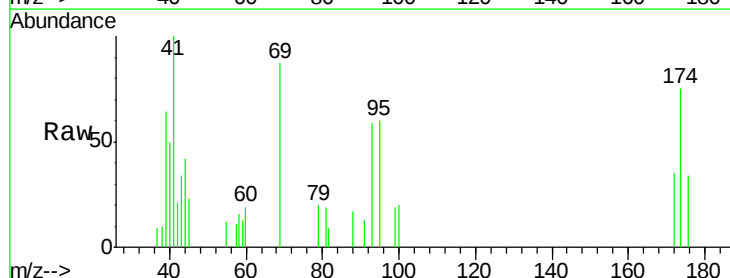
Tgt Ion: 41 Resp: 3240

Ion Ratio Lower Upper

41 100

69 86.3 58.9 88.3

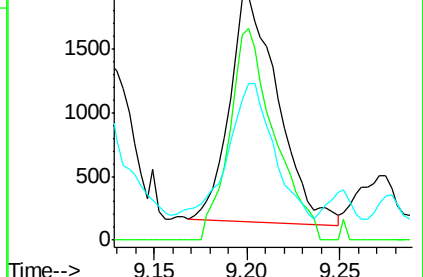
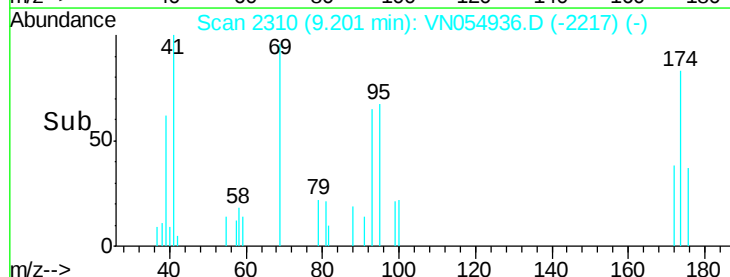
39 55.5 44.2 66.4

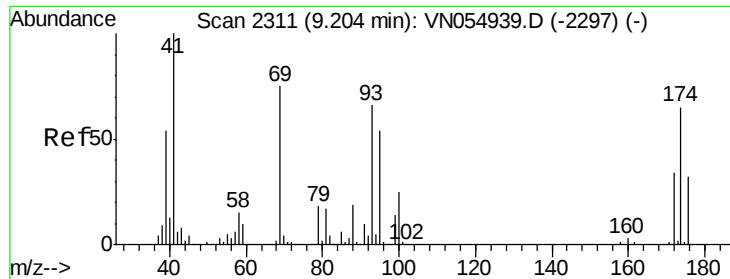


Abundance Ion 41.00 (40.70 to 41.70): VN054936.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054936.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054936.D (-2217) (-)

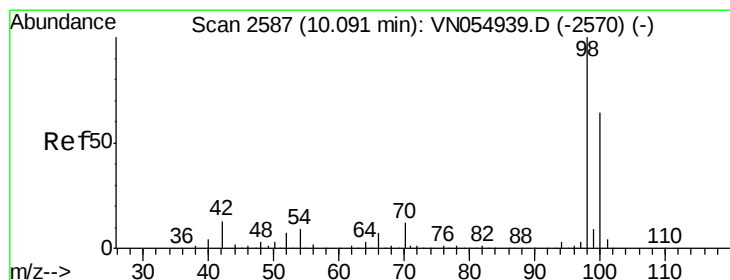
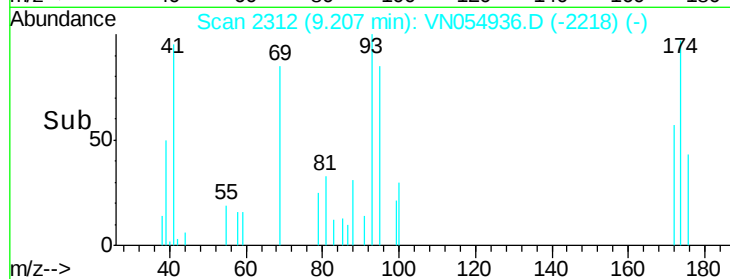
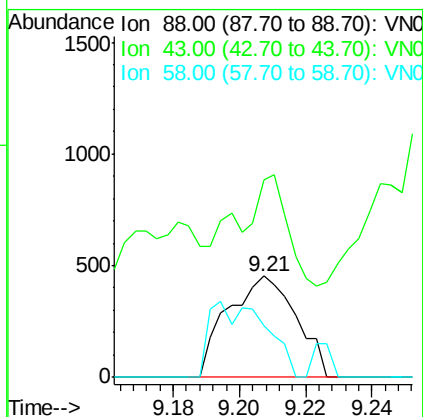
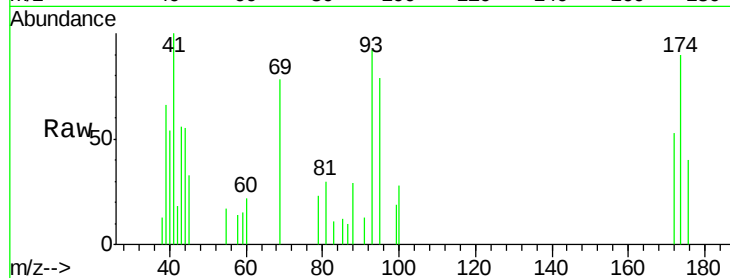




#49  
1,4-Dioxane  
Concen: 16.607 ug/l  
RT: 9.21 min Scan# 2312  
Delta R.T. 0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

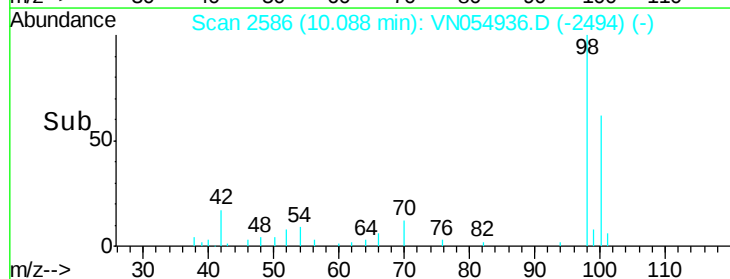
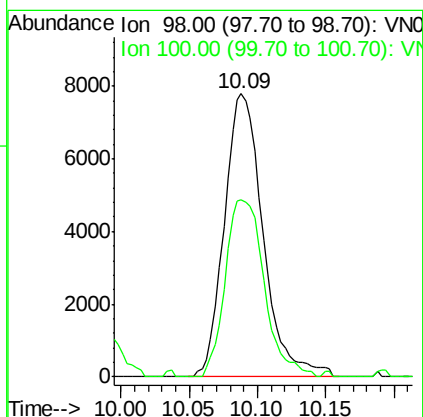
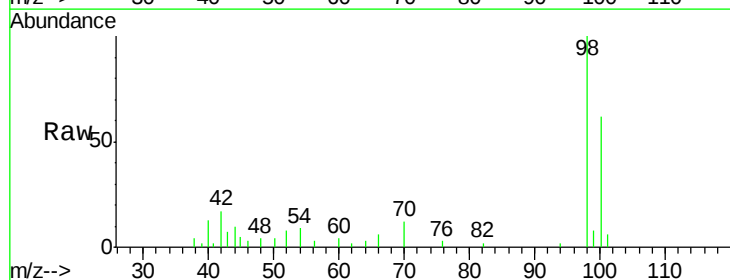
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

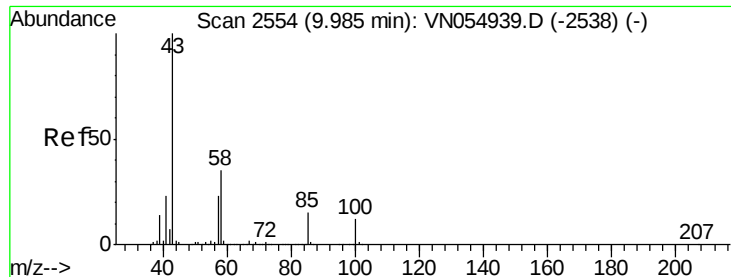
Tgt Ion: 88 Resp: 649  
Ion Ratio Lower Upper  
88 100  
43 51.8 31.5 47.3#  
58 9.1 61.9 92.9#



#50  
Toluene-d8  
Concen: 0.932 ug/l  
RT: 10.09 min Scan# 2586  
Delta R.T. -0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Tgt Ion: 98 Resp: 15361  
Ion Ratio Lower Upper  
98 100  
100 63.0 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 4.453 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

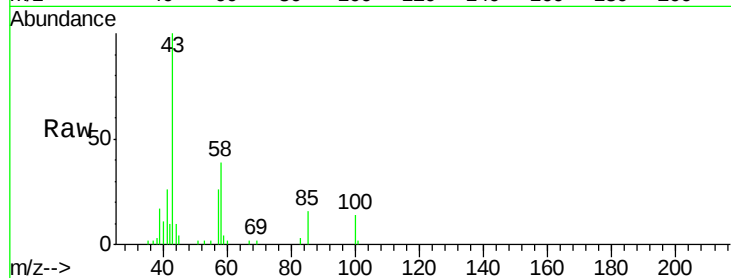
VSTDIC001

Tgt Ion: 43 Resp: 18999

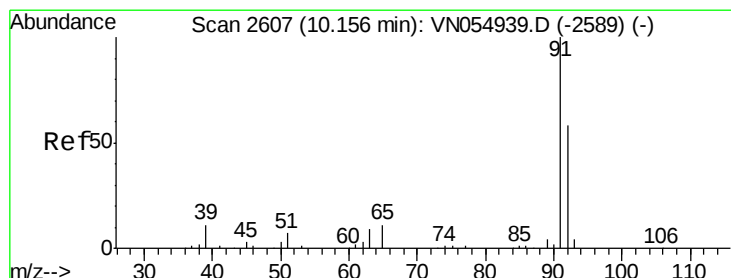
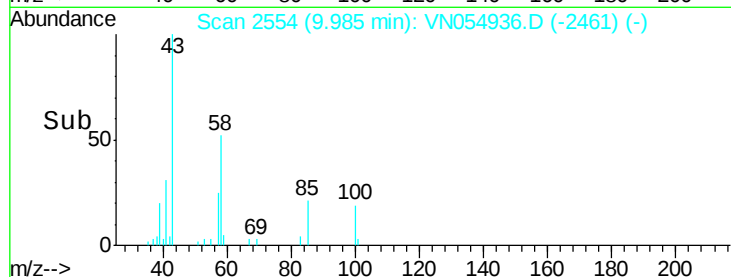
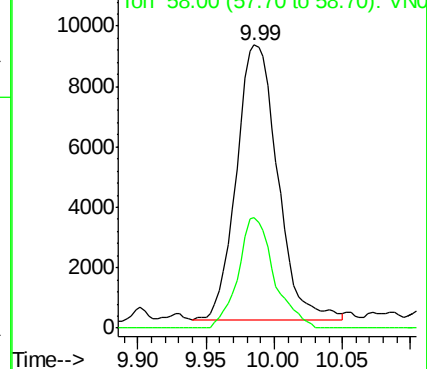
Ion Ratio Lower Upper

43 100

58 35.2 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN054939.D (-2538) (-)



#52

Toluene

Concen: 0.894 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN054936.D

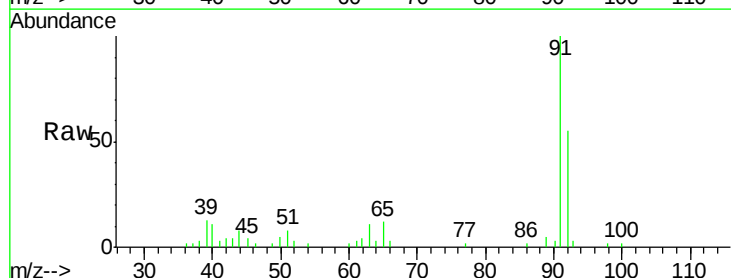
Acq: 4 Apr 2019 9:46

Tgt Ion: 92 Resp: 10025

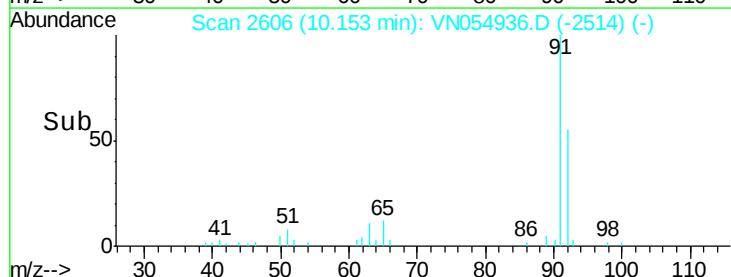
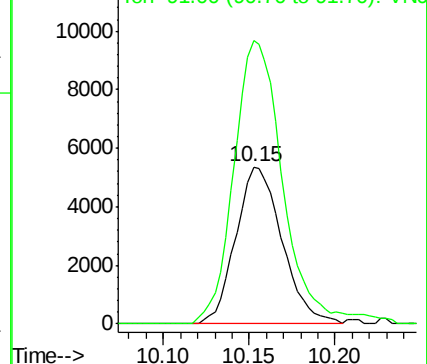
Ion Ratio Lower Upper

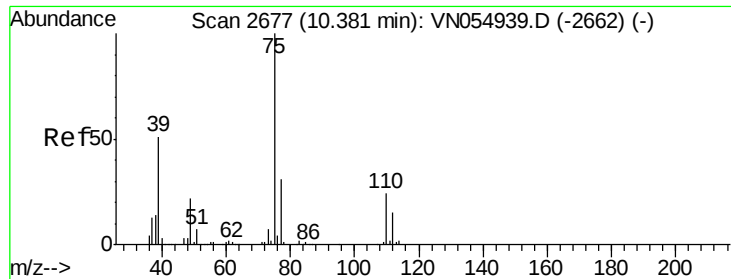
92 100

91 192.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VN054939.D (-2589) (-)





#53

t-1,3-Dichloropropene

Concen: 0.801 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampled :

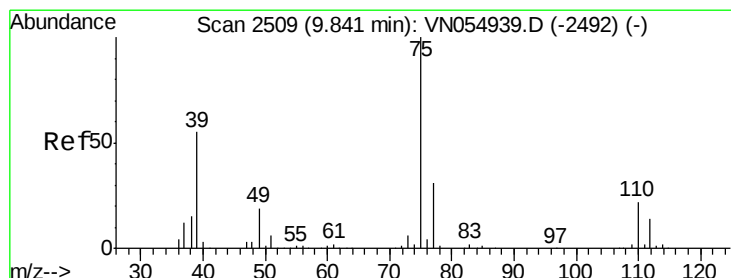
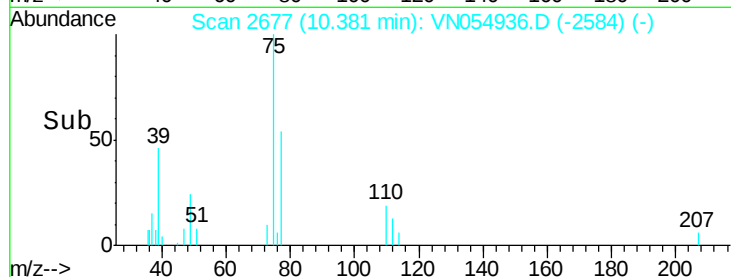
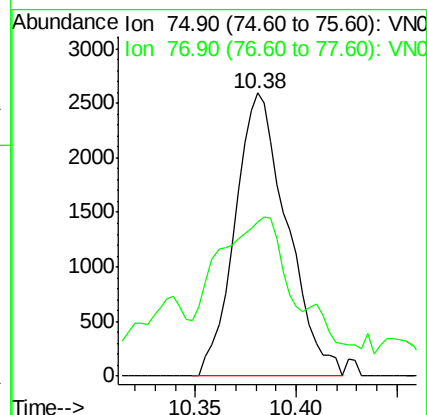
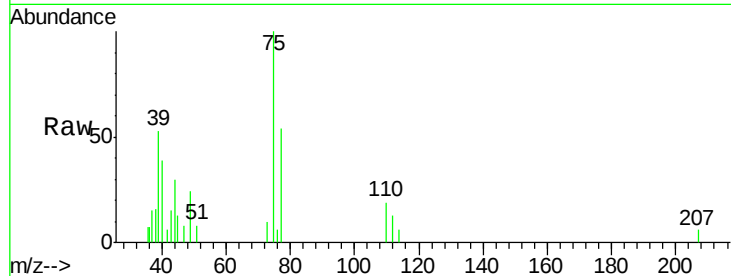
VSTDIC001

Tgt Ion: 75 Resp: 4666

Ion Ratio Lower Upper

75 100

77 43.1 24.6 36.8#



#54

cis-1,3-Dichloropropene

Concen: 0.788 ug/l

RT: 9.85 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

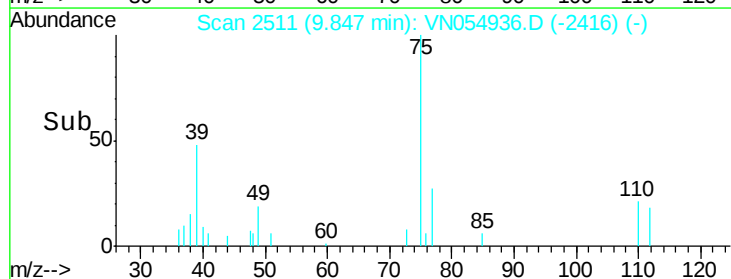
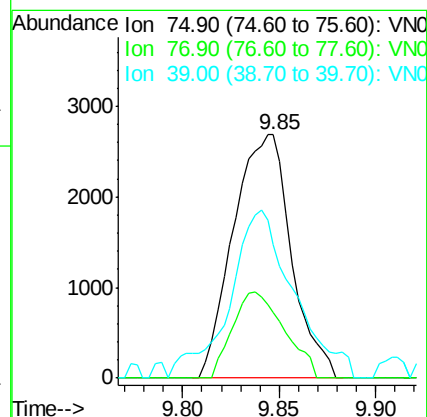
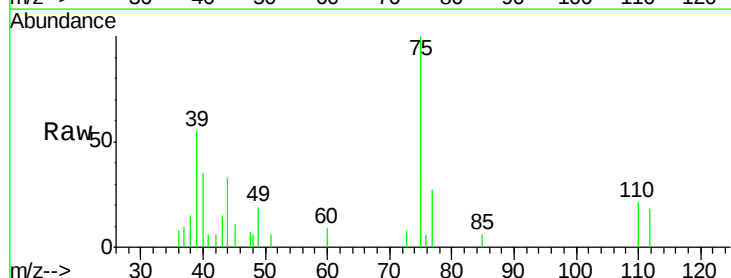
Tgt Ion: 75 Resp: 5602

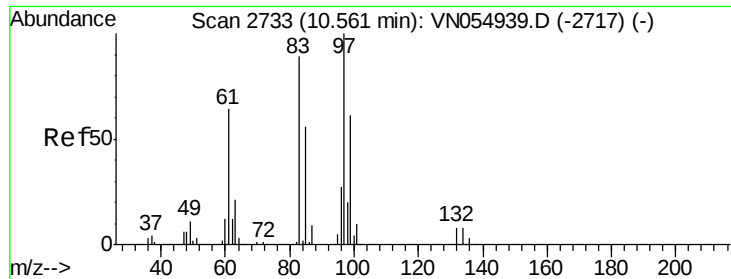
Ion Ratio Lower Upper

75 100

77 27.2 25.0 37.4

39 44.8 43.9 65.9

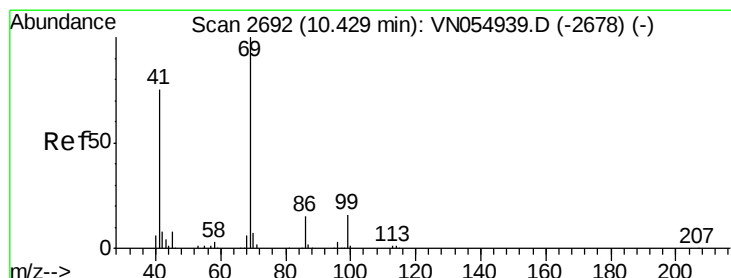
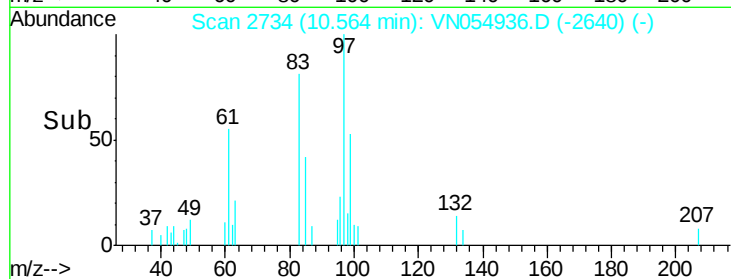
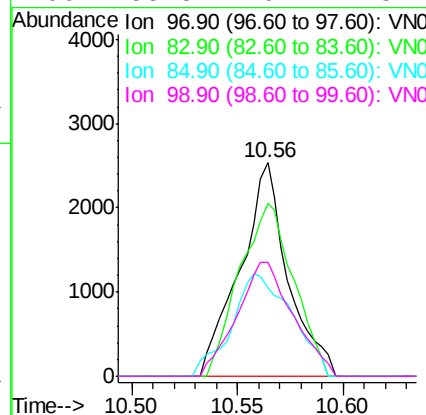
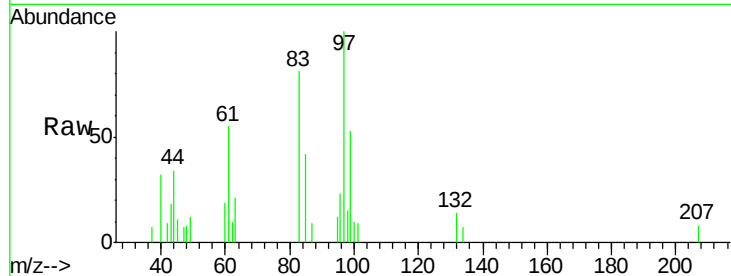




#55  
 1,1,2-Trichloroethane  
 Concen: 0.983 ug/l  
 RT: 10.56 min Scan# 2734  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

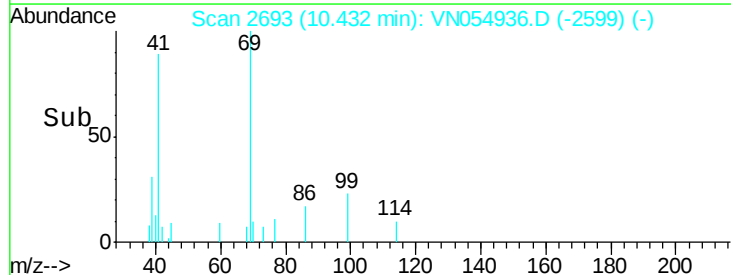
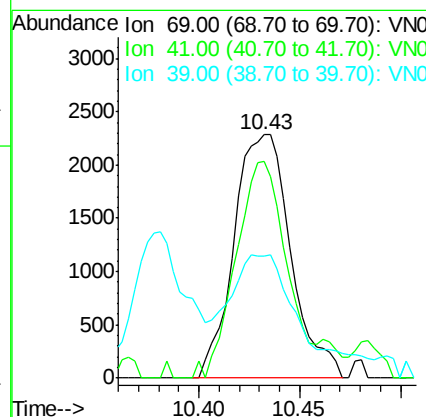
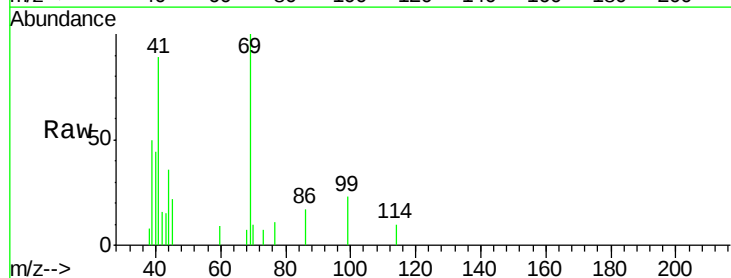
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

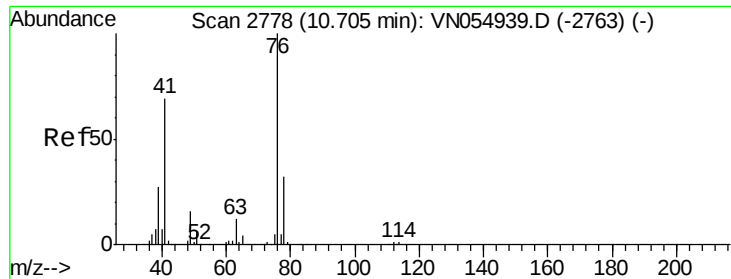
Tgt Ion: 97 Resp: 3999  
 Ion Ratio Lower Upper  
 97 100  
 83 81.1 71.5 107.3  
 85 41.5 45.0 67.6#  
 99 53.3 49.1 73.7



#56  
 Ethyl methacrylate  
 Concen: 0.846 ug/l  
 RT: 10.43 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

Tgt Ion: 69 Resp: 4498  
 Ion Ratio Lower Upper  
 69 100  
 41 79.7 60.2 90.2  
 39 48.3 31.3 46.9#

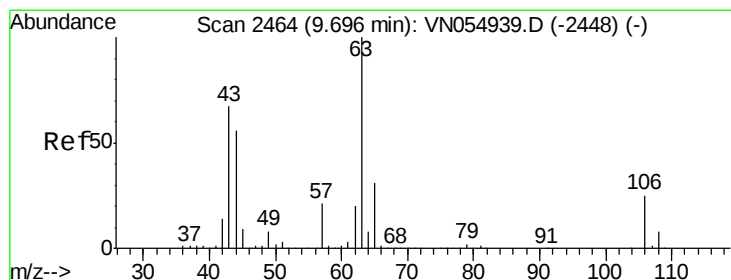
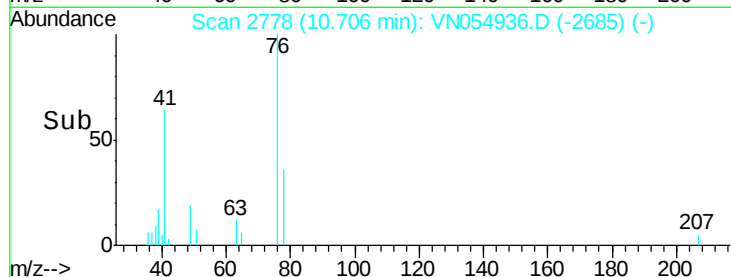
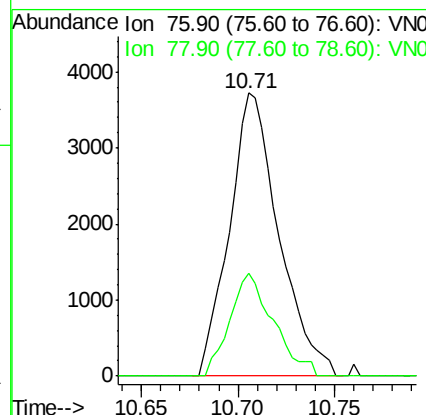
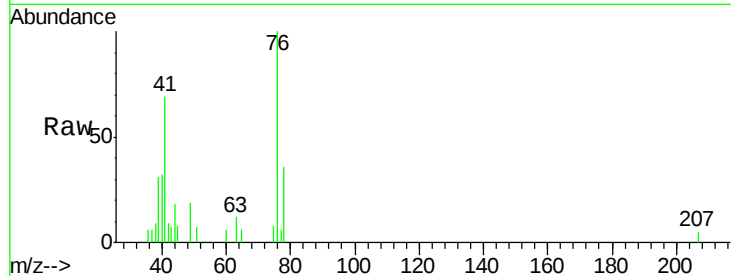




#57  
 1,3-Dichloropropane  
 Concen: 0.930 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

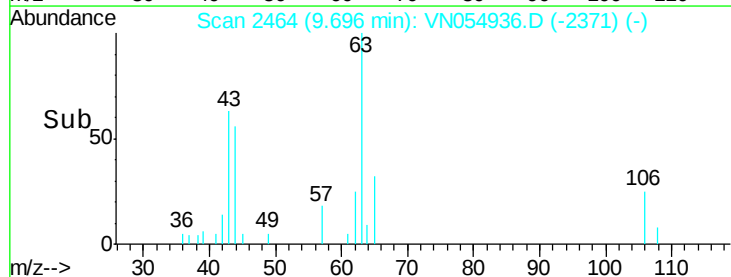
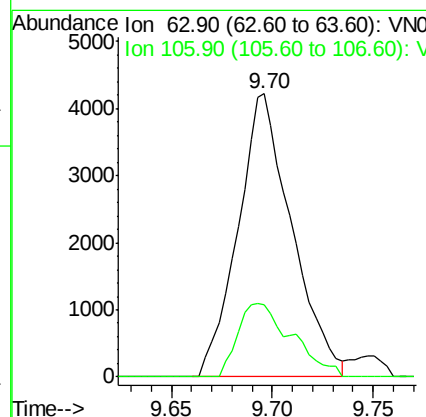
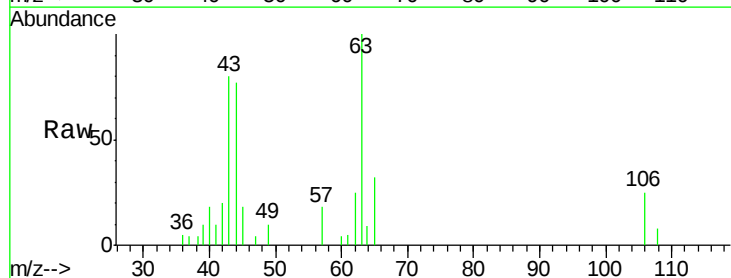
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

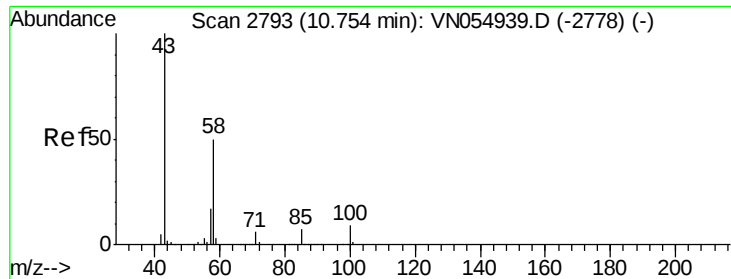
Tgt Ion: 76 Resp: 6604  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 25.9 38.9



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 3.741 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

Tgt Ion: 63 Resp: 7860  
 Ion Ratio Lower Upper  
 63 100  
 106 26.1 19.7 29.5

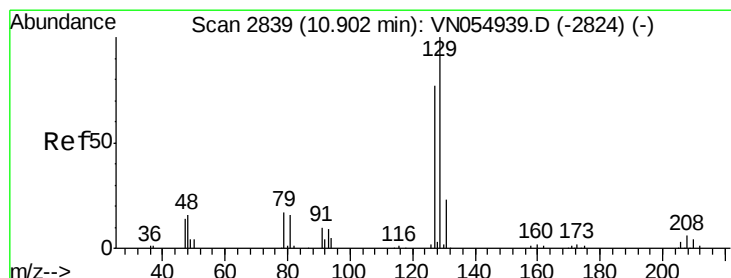
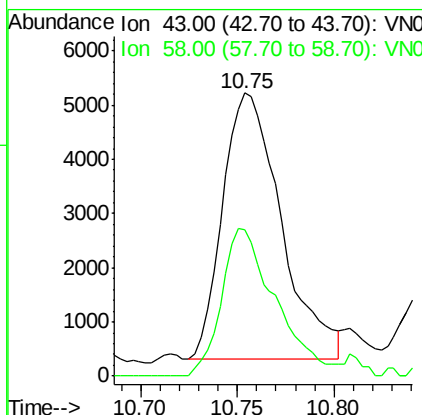
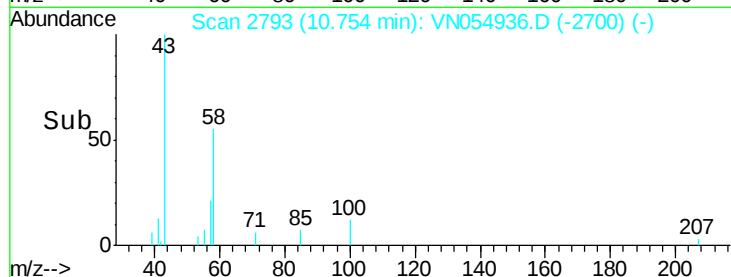
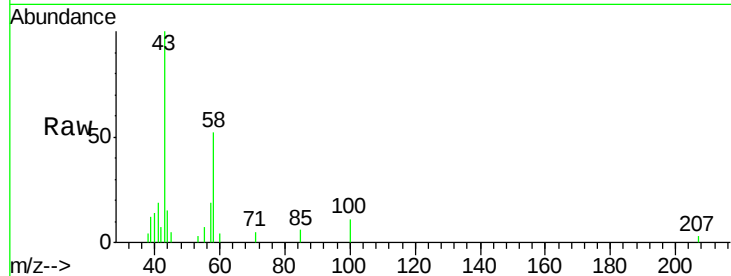




#59  
2-Hexanone  
Concen: 3.882 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

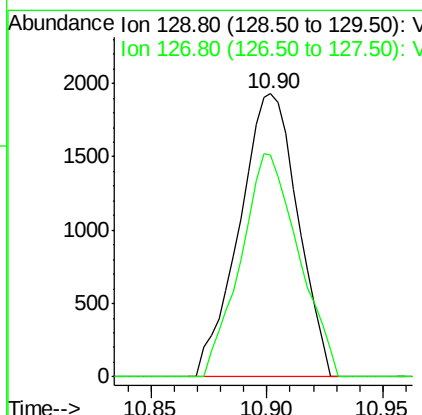
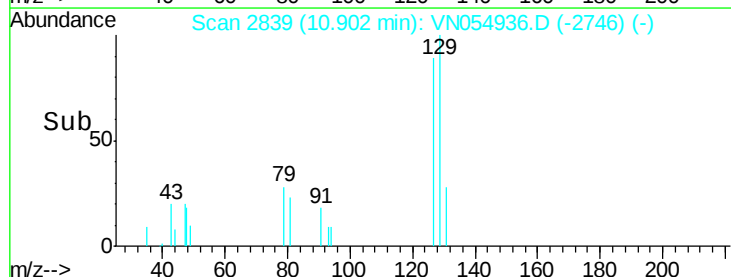
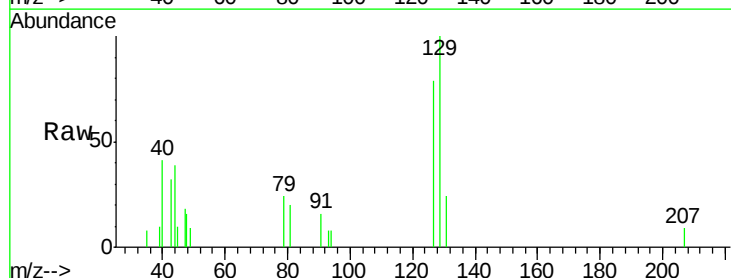
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

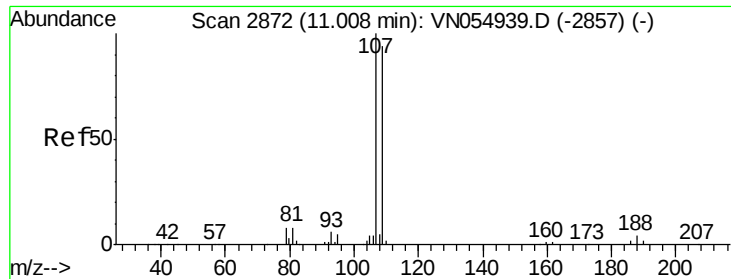
Tgt Ion: 43 Resp: 10345  
Ion Ratio Lower Upper  
43 100  
58 50.8 24.6 73.8



#60  
Dibromochloromethane  
Concen: 0.793 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Tgt Ion: 129 Resp: 3379  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 0.728 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

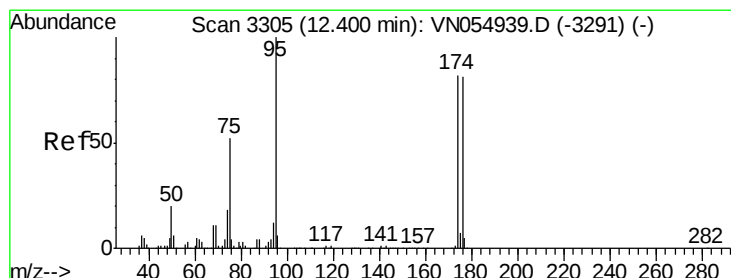
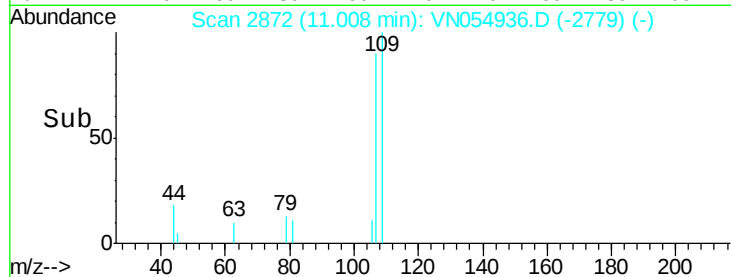
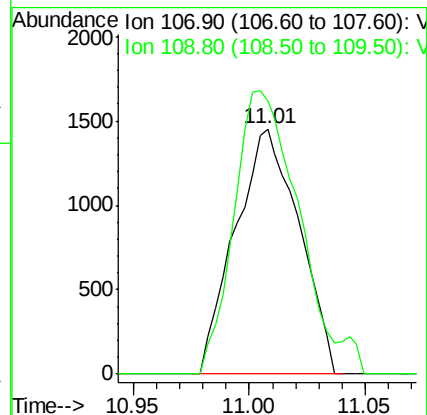
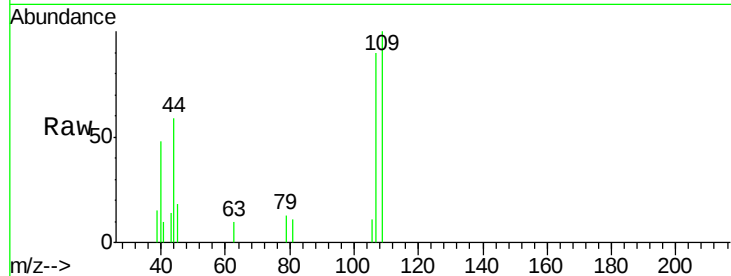
VSTDIC001

Tgt Ion: 107 Resp: 2785

Ion Ratio Lower Upper

107 100

109 118.3 74.6 112.0#



#62

4-Bromofluorobenzene

Concen: 0.881 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

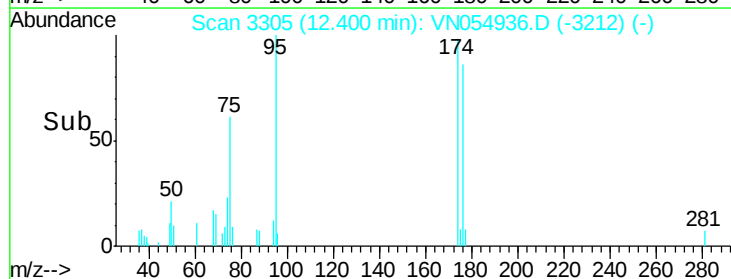
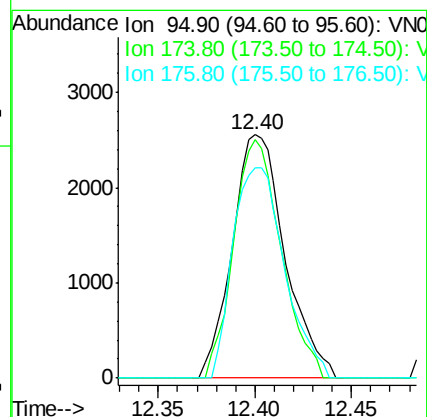
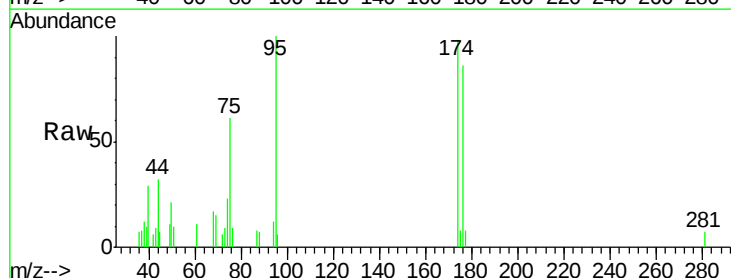
Tgt Ion: 95 Resp: 4848

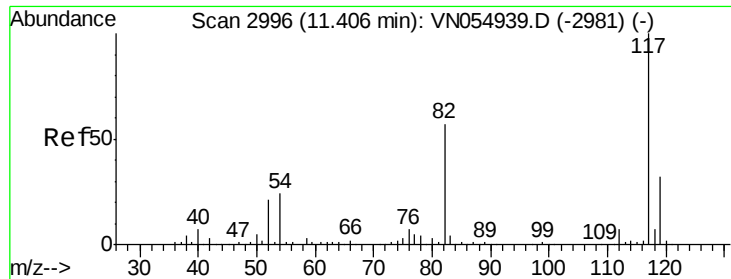
Ion Ratio Lower Upper

95 100

174 87.9 0.0 166.2

176 84.9 0.0 163.2

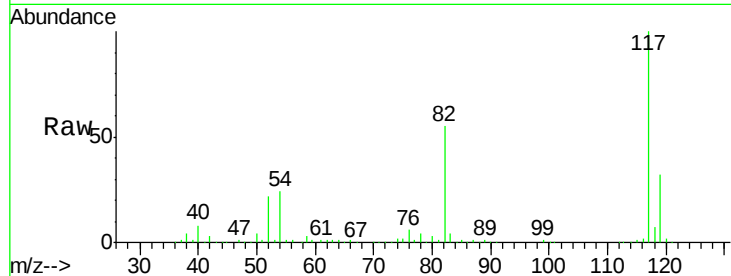




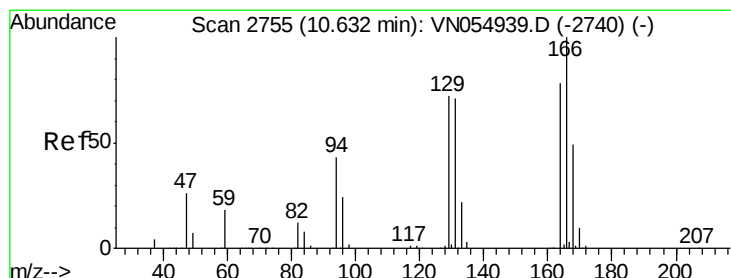
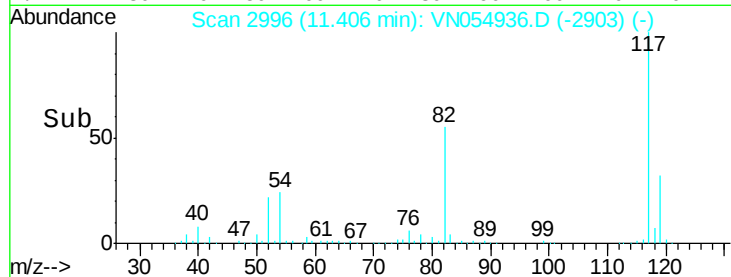
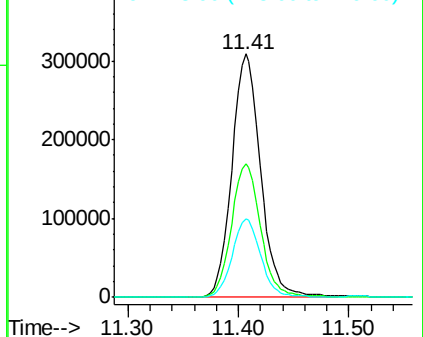
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

Tgt Ion:117 Resp: 558697  
Ion Ratio Lower Upper  
117 100  
82 55.0 45.3 67.9  
119 32.4 25.8 38.6

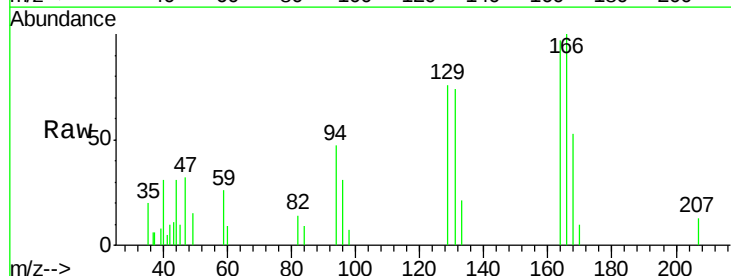


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

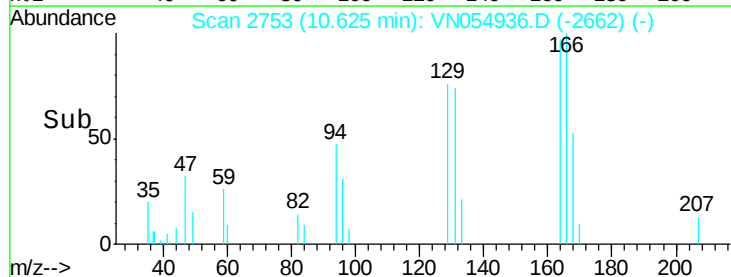
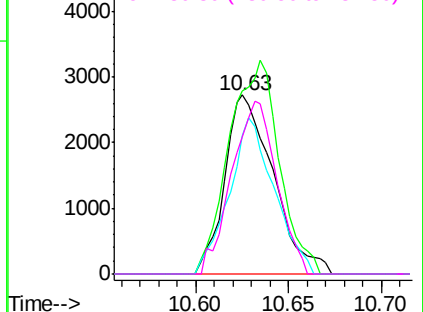


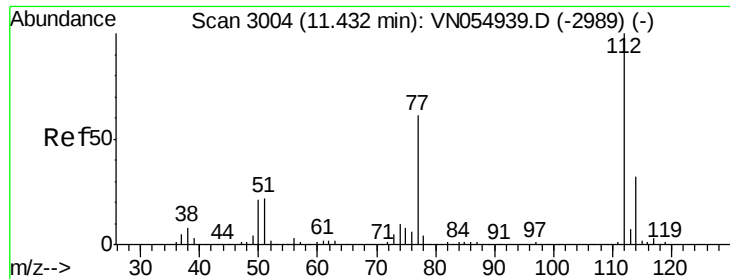
#64  
Tetrachloroethene  
Concen: 1.099 ug/l  
RT: 10.63 min Scan# 2753  
Delta R.T. -0.01 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Tgt Ion:164 Resp: 4954  
Ion Ratio Lower Upper  
164 100  
166 102.6 103.1 154.7#  
129 77.5 73.9 110.9  
131 76.4 73.0 109.4



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





#65

Chlorobenzene

Concen: 1.005 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampled :

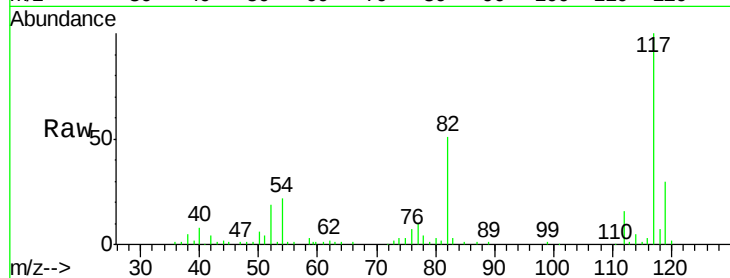
VSTDIC001

Tgt Ion:112 Resp: 11447

Ion Ratio Lower Upper

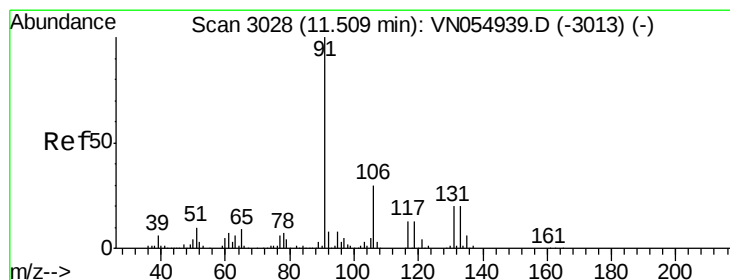
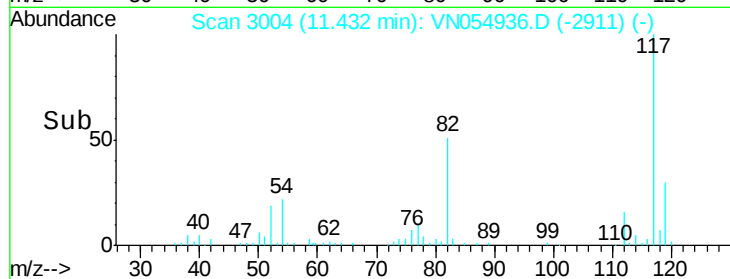
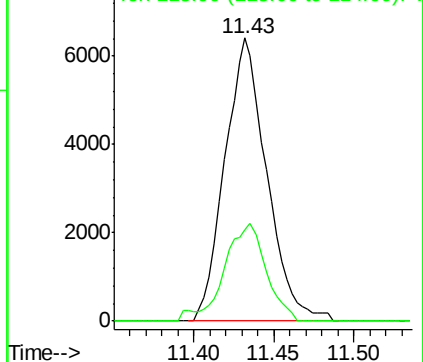
112 100

114 32.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.903 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

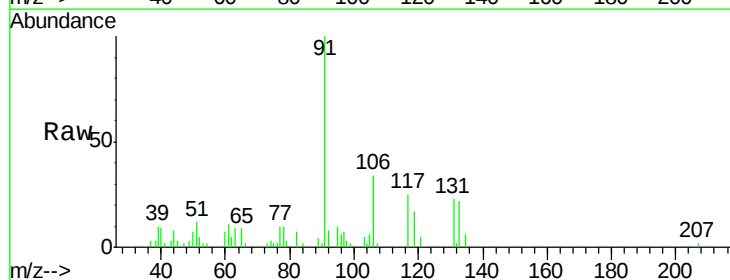
Tgt Ion:131 Resp: 3767

Ion Ratio Lower Upper

131 100

133 103.2 48.1 144.4

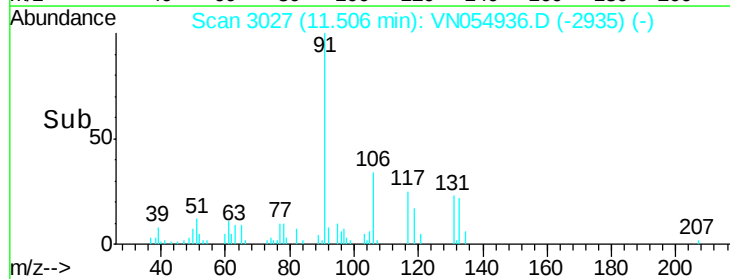
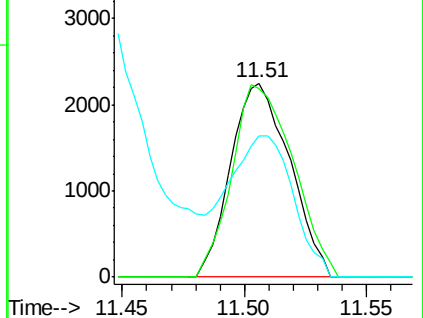
119 0.0 33.1 99.2#

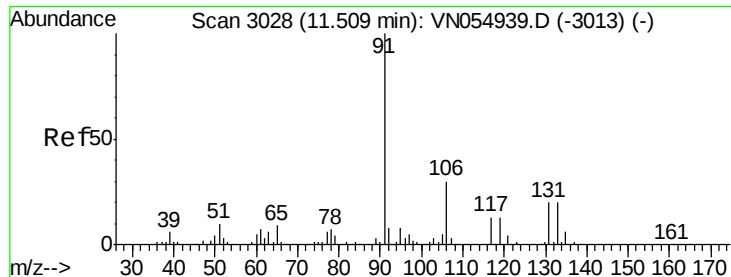


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

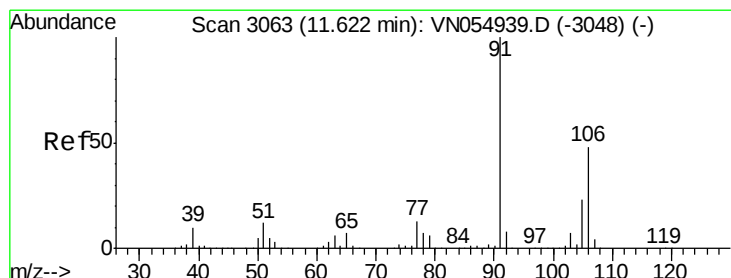
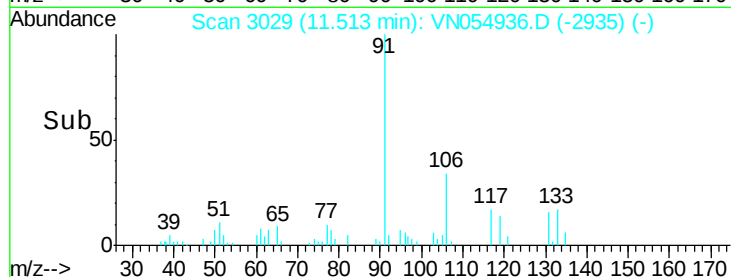
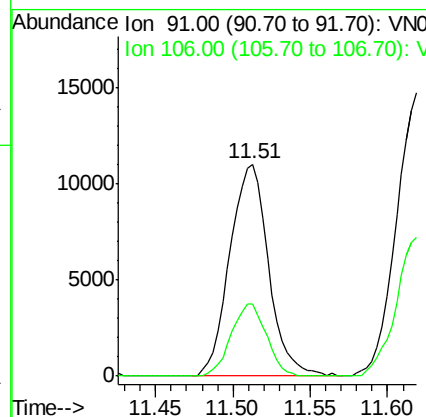
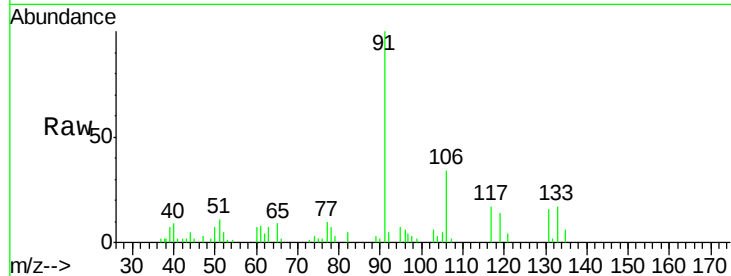




#67  
Ethyl Benzene  
Concen: 0.935 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

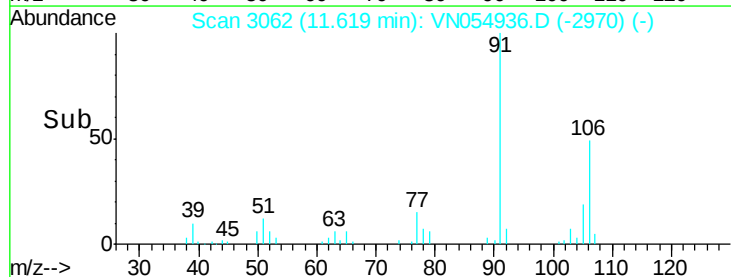
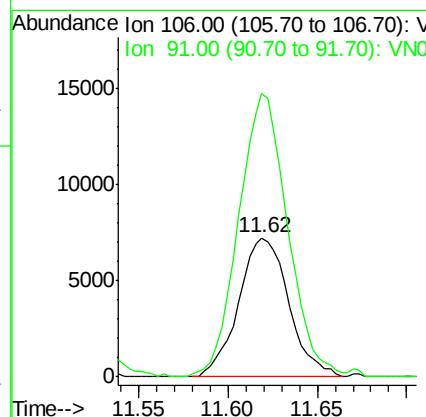
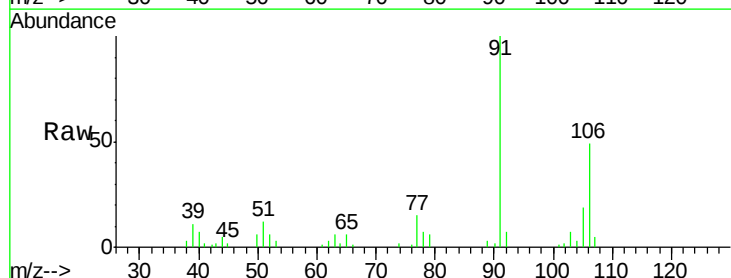
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

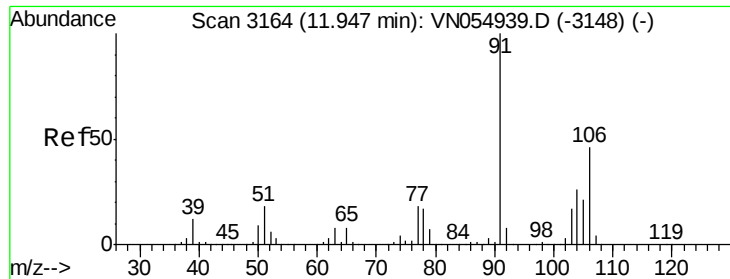
Tgt Ion: 91 Resp: 19202  
Ion Ratio Lower Upper  
91 100  
106 34.1 24.1 36.1



#68  
m/p-Xylenes  
Concen: 1.886 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Tgt Ion: 106 Resp: 14160  
Ion Ratio Lower Upper  
106 100  
91 199.0 167.4 251.2

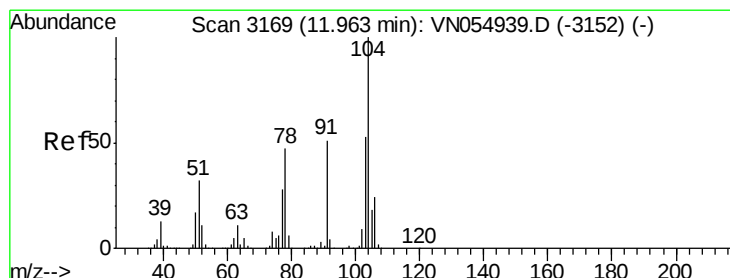
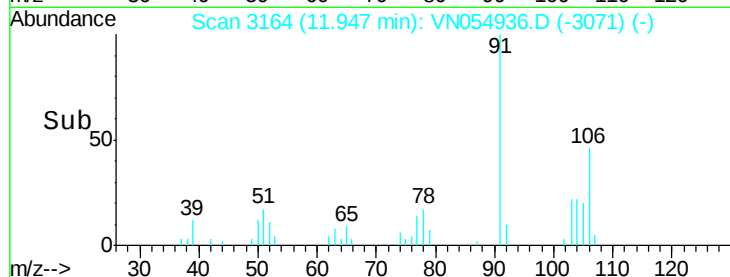
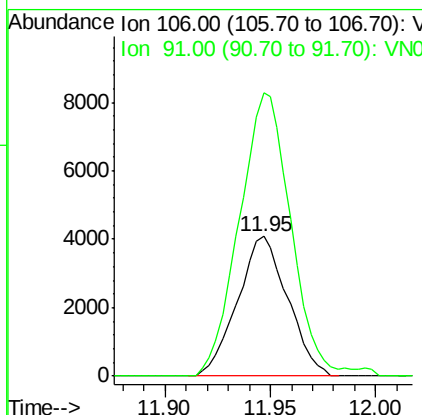
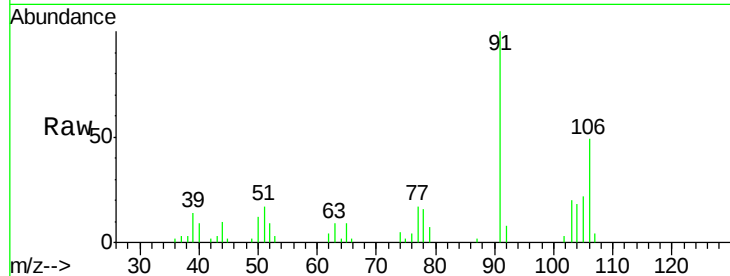




#69  
o-Xylene  
Concen: 0.923 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

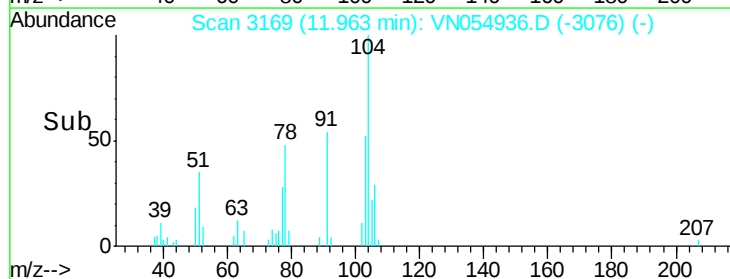
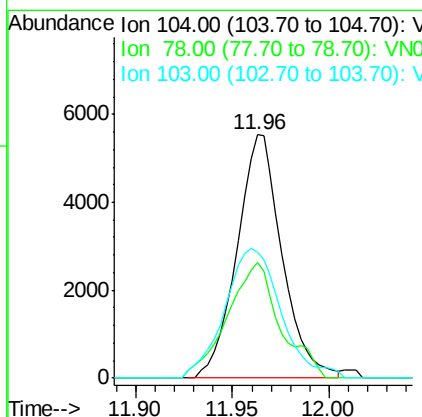
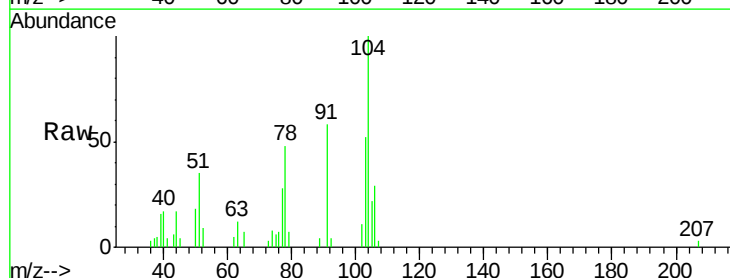
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

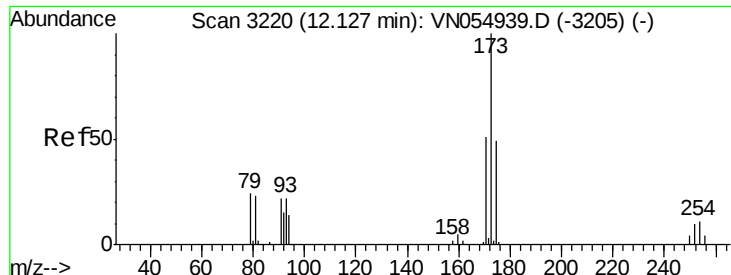
Tgt Ion:106 Resp: 6759  
Ion Ratio Lower Upper  
106 100  
91 207.9 109.9 329.7



#70  
Styrene  
Concen: 0.766 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Tgt Ion:104 Resp: 8990  
Ion Ratio Lower Upper  
104 100  
78 55.5 41.1 61.7  
103 66.1 45.0 67.4





#71

Bromoform

Concen: 0.888 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

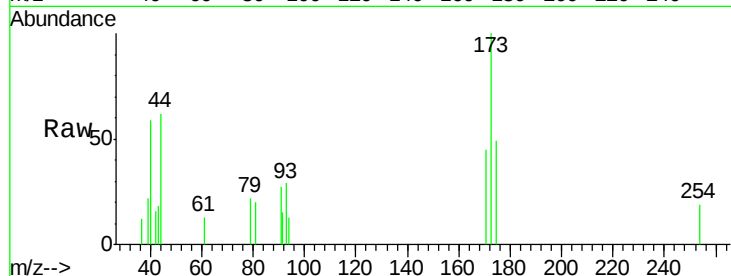
Tgt Ion:173 Resp: 2226

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

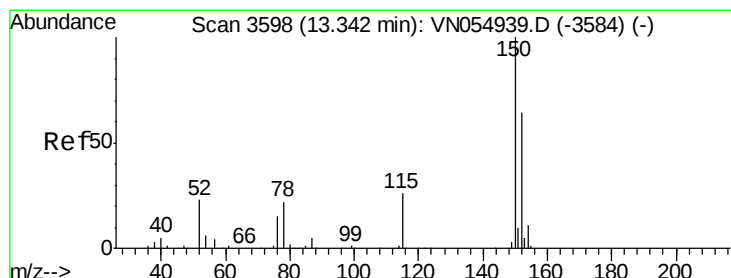
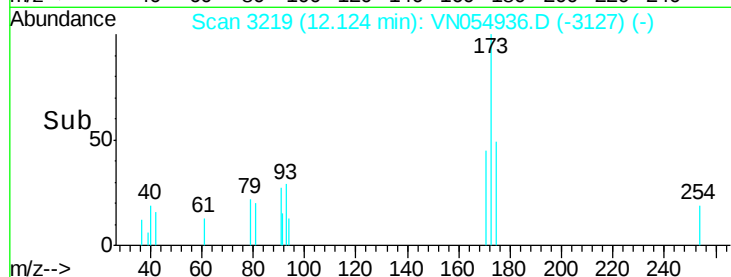
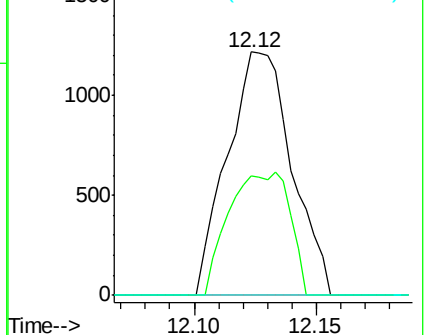
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

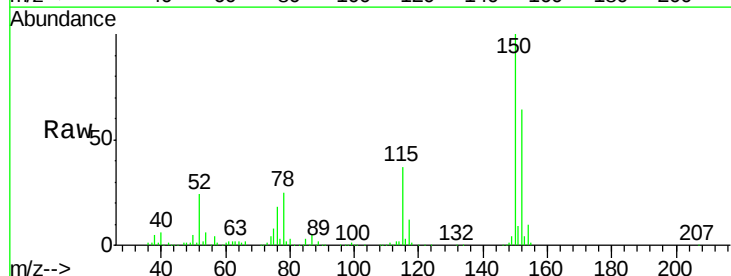
Tgt Ion:152 Resp: 177790

Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.8

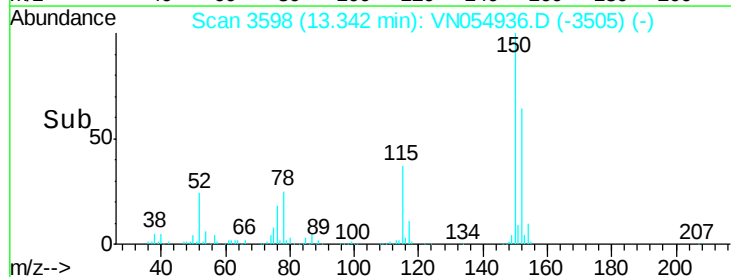
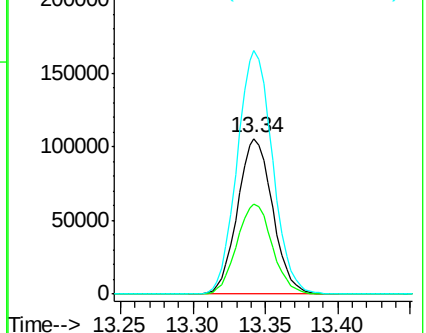
150 158.0 0.0 345.4

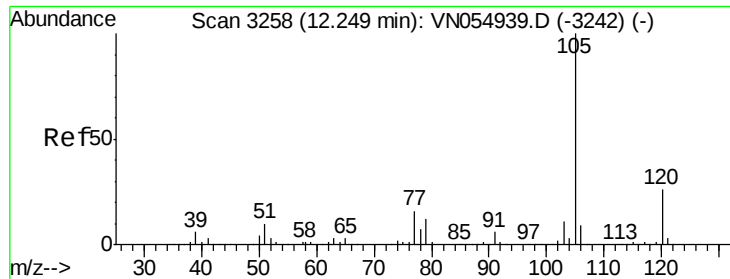


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.156 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

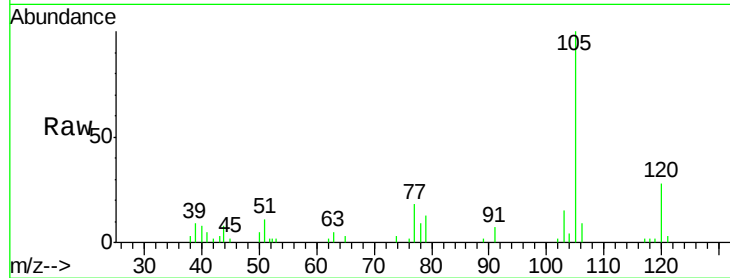
VSTDIC001

Tgt Ion: 105 Resp: 17369

Ion Ratio Lower Upper

105 100

120 29.0 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

4000

2000

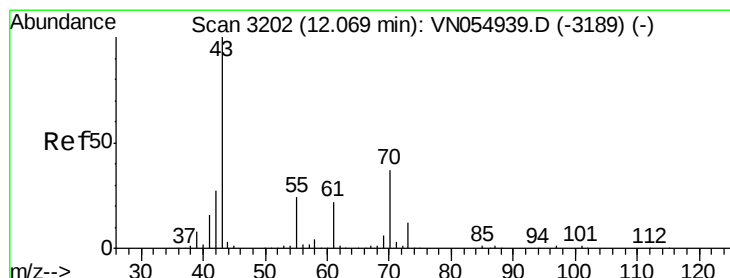
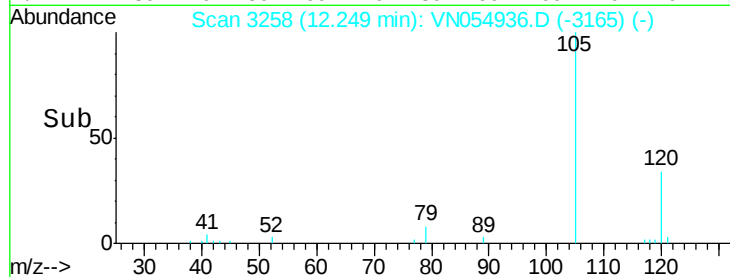
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 0.775 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Tgt Ion: 43 Resp: 3234

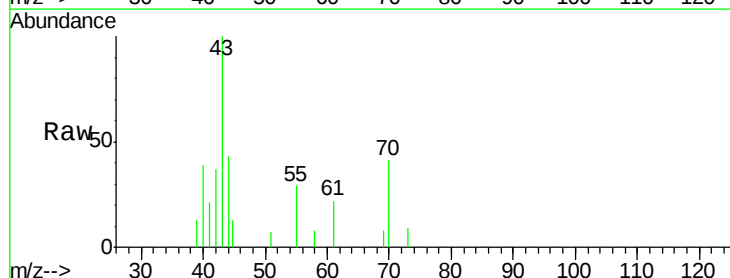
Ion Ratio Lower Upper

43 100

70 41.6 29.3 43.9

55 31.4 19.2 28.8

61 24.3 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

3000

2500

2000

1500

1000

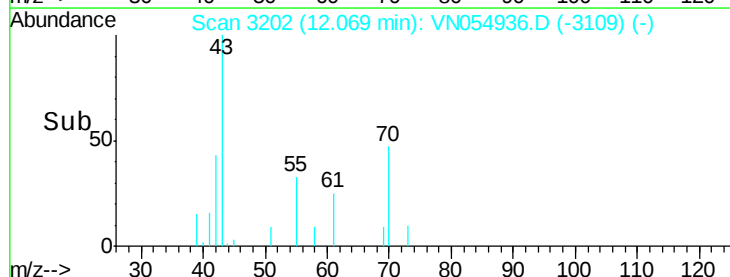
500

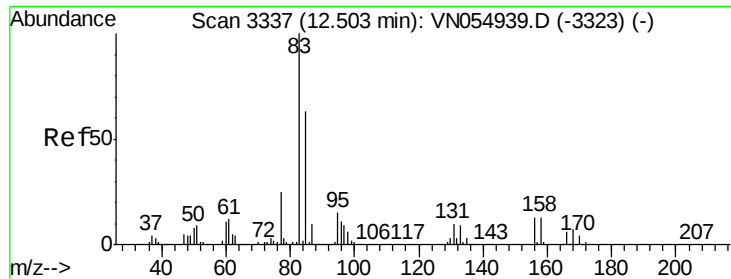
0

12.05

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 1.270 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

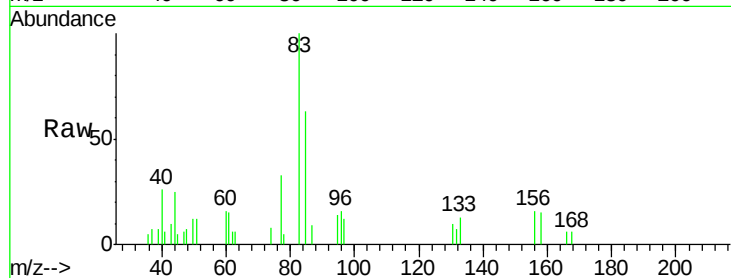
Tgt Ion: 83 Resp: 4686

Ion Ratio Lower Upper

83 100

131 11.1 5.0 15.0

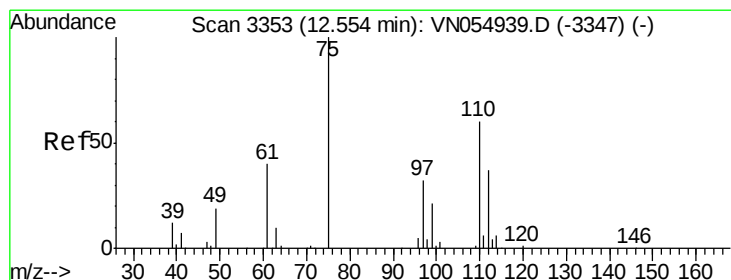
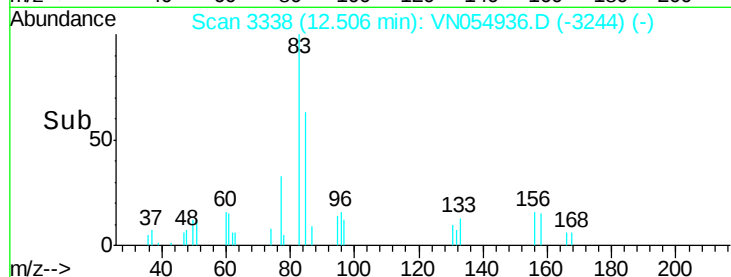
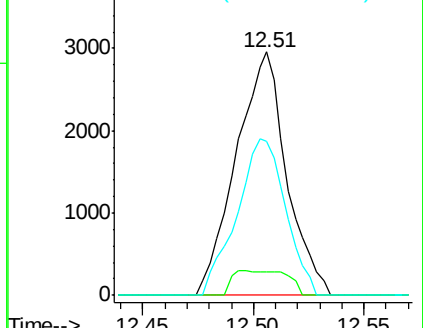
85 62.0 31.4 94.0



Abundance Ion 82.90 (82.60 to 83.60): VN054939.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN054939.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN054939.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 1.861 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054936.D

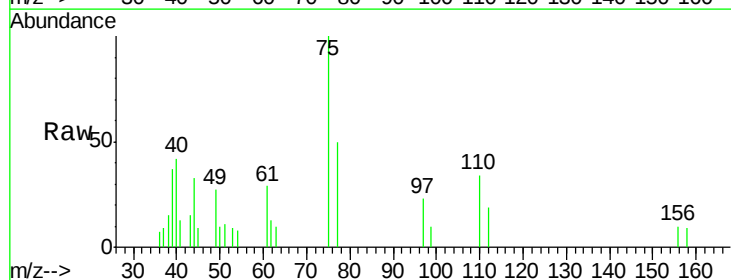
Acq: 4 Apr 2019 9:46

Tgt Ion: 75 Resp: 5380

Ion Ratio Lower Upper

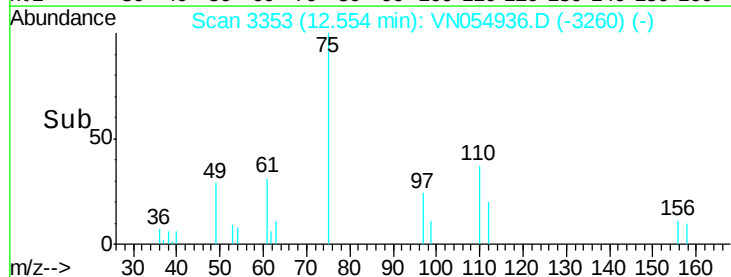
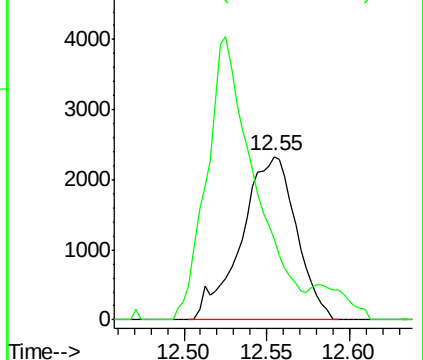
75 100

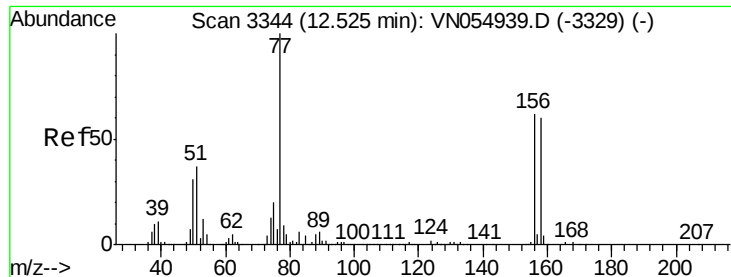
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054939.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN054939.D (-3347) (-)





#77

Bromobenzene

Concen: 1.100 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

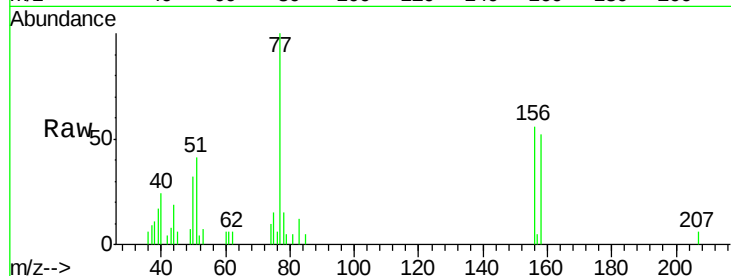
Tgt Ion:156 Resp: 4001

Ion Ratio Lower Upper

156 100

77 203.2 93.1 279.3

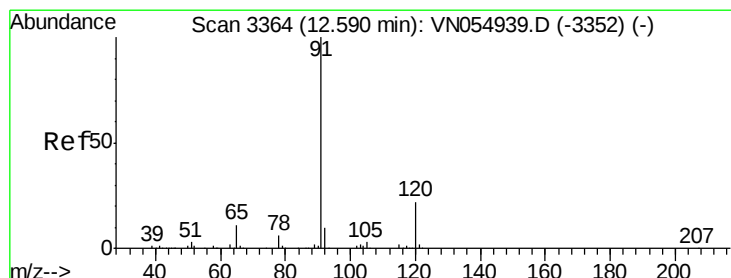
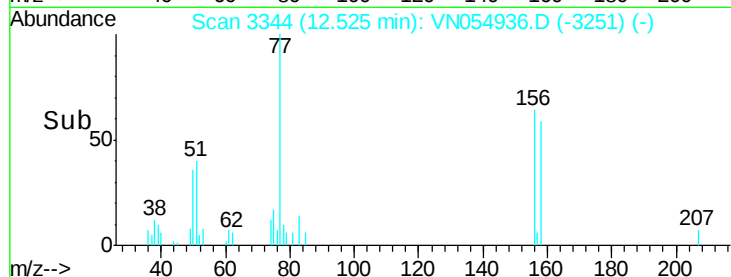
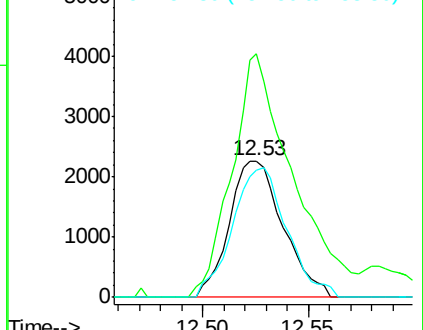
158 96.3 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.104 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054936.D

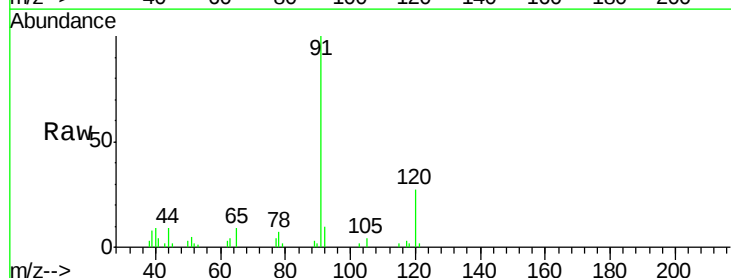
Acq: 4 Apr 2019 9:46

Tgt Ion: 91 Resp: 18271

Ion Ratio Lower Upper

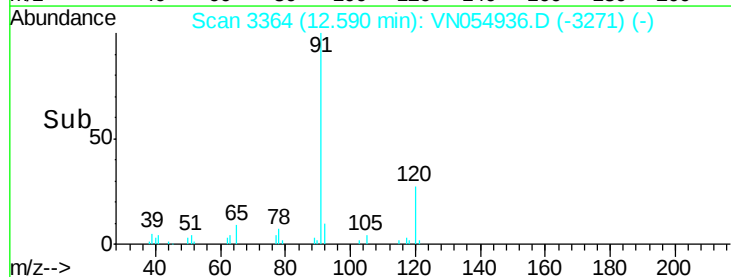
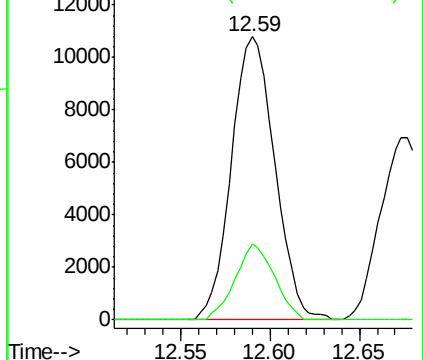
91 100

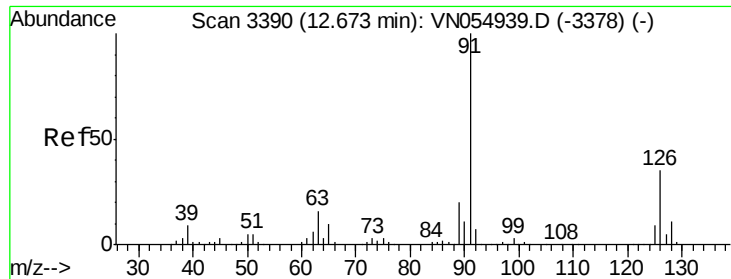
120 24.1 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.168 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

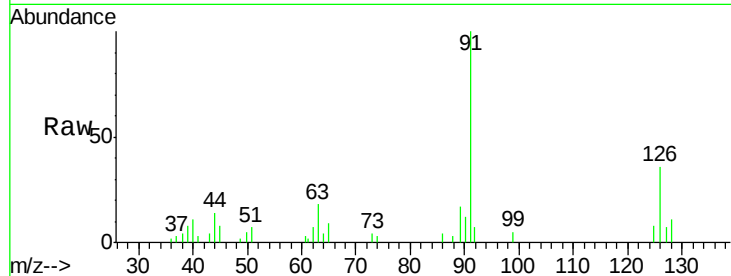
VSTDIC001

Tgt Ion: 91 Resp: 11976

Ion Ratio Lower Upper

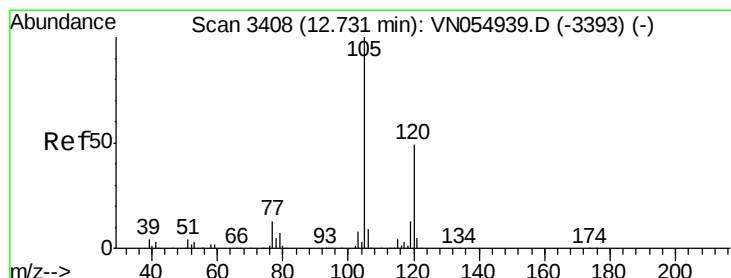
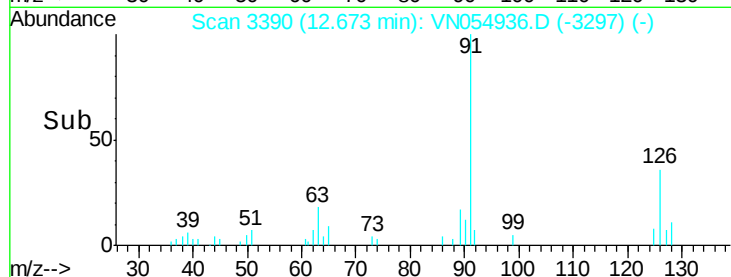
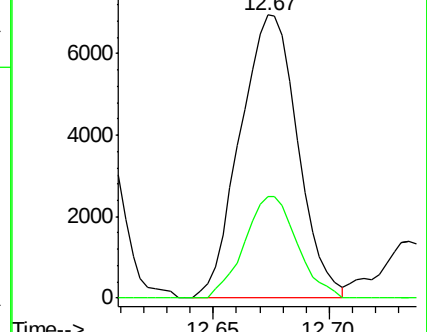
91 100

126 33.0 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN054939.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN054939.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.082 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054936.D

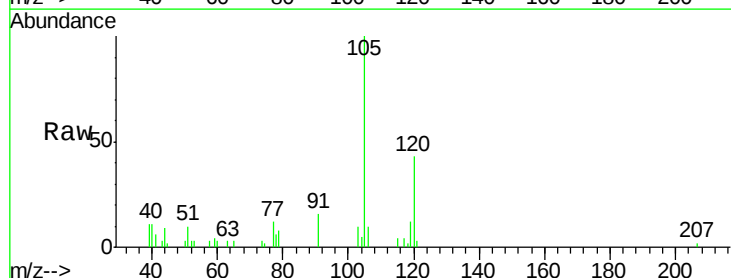
Acq: 4 Apr 2019 9:46

Tgt Ion: 105 Resp: 13346

Ion Ratio Lower Upper

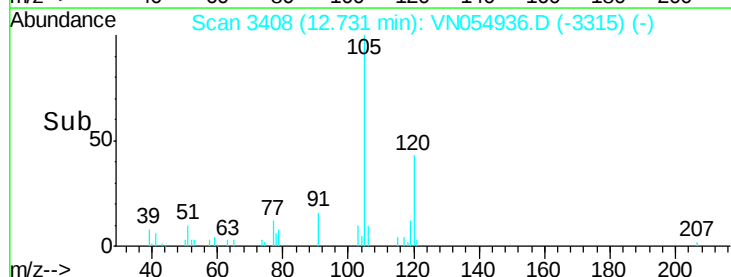
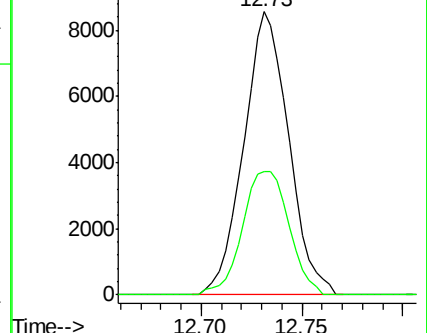
105 100

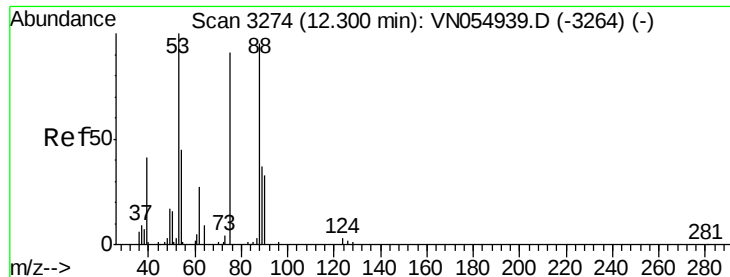
120 45.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VN054939.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN054939.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.622 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

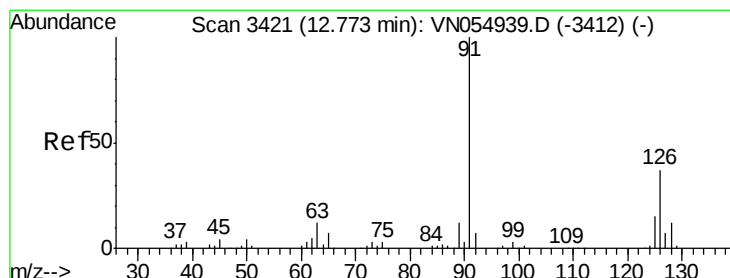
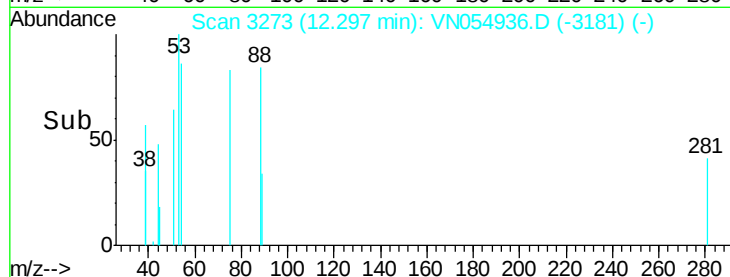
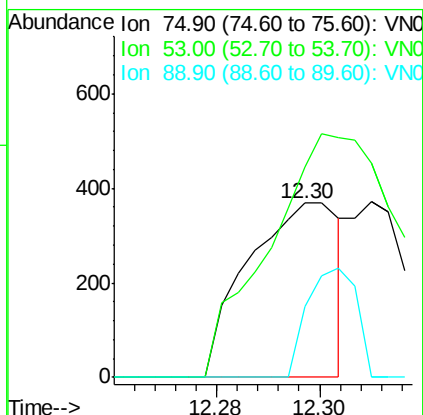
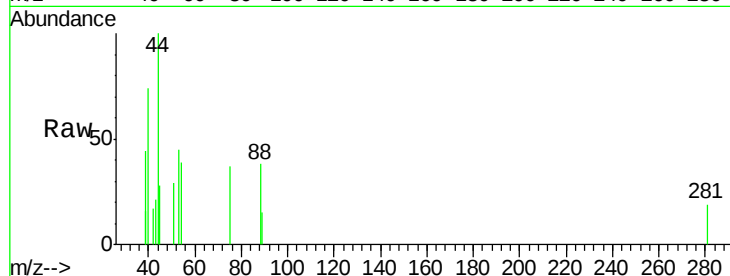
Tgt Ion: 75 Resp: 453

Ion Ratio Lower Upper

75 100

53 231.3 92.8 139.2#

89 33.6 36.7 55.1#



#82

4-Chlorotoluene

Concen: 1.015 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054936.D

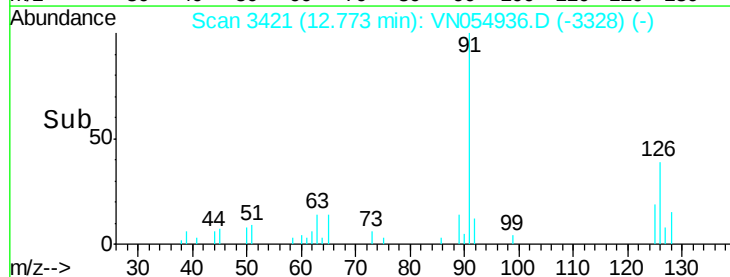
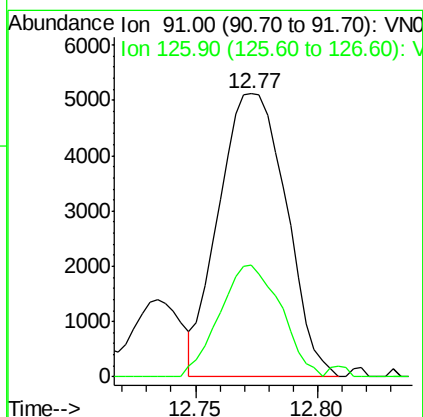
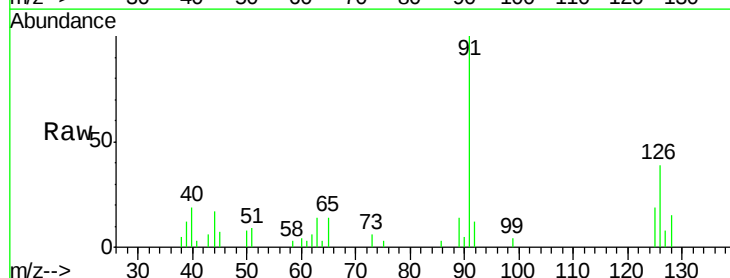
Acq: 4 Apr 2019 9:46

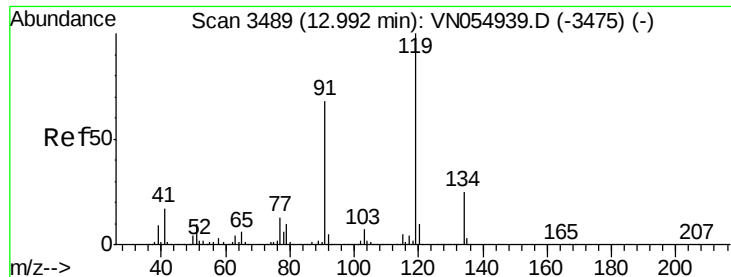
Tgt Ion: 91 Resp: 9845

Ion Ratio Lower Upper

91 100

126 35.9 16.9 50.7

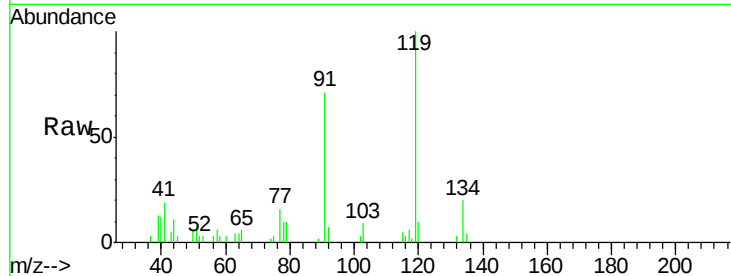




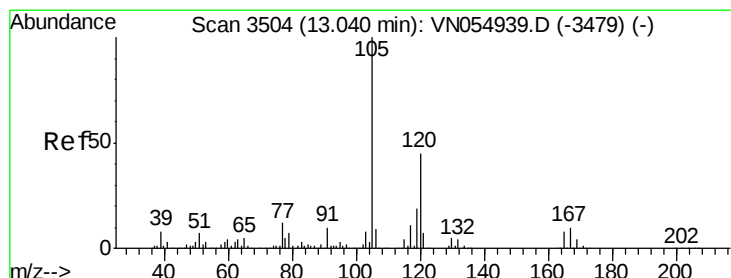
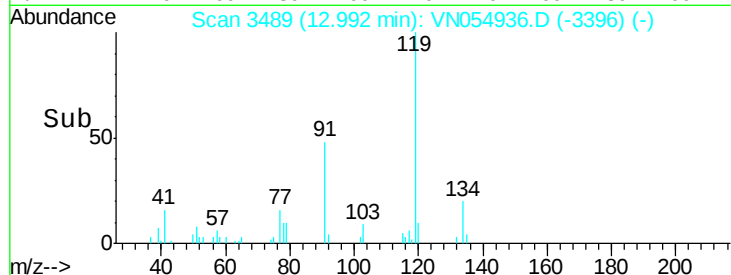
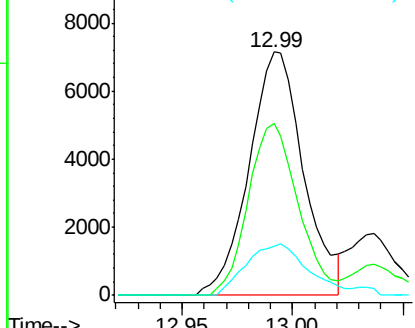
#83  
 tert-Butylbenzene  
 Concen: 1.165 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion:119 Resp: 12222  
 Ion Ratio Lower Upper  
 119 100  
 91 64.8 33.5 100.5  
 134 24.1 12.4 37.0

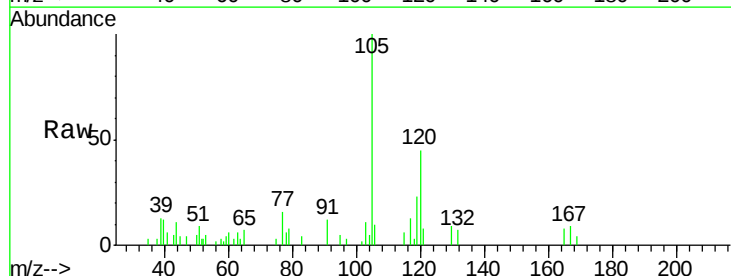


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

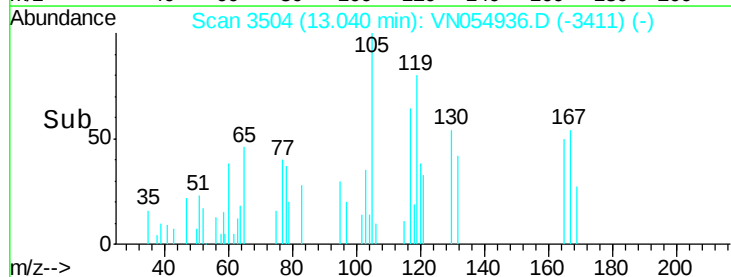
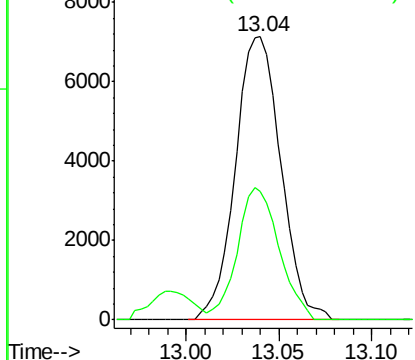


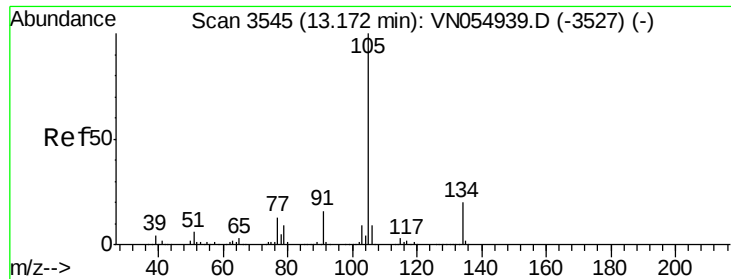
#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.021 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

Tgt Ion:105 Resp: 12188  
 Ion Ratio Lower Upper  
 105 100  
 120 43.0 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V

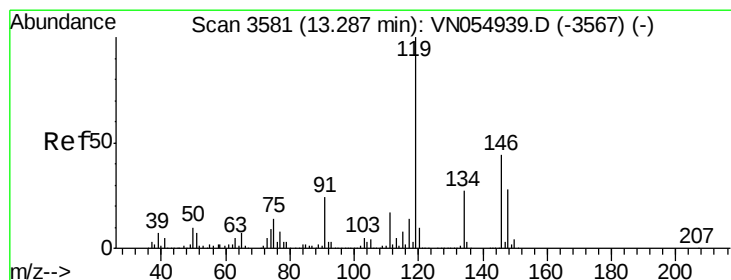
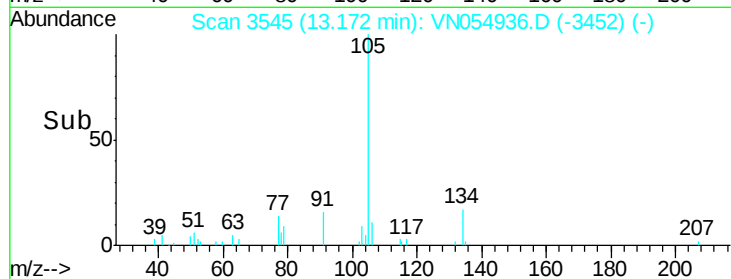
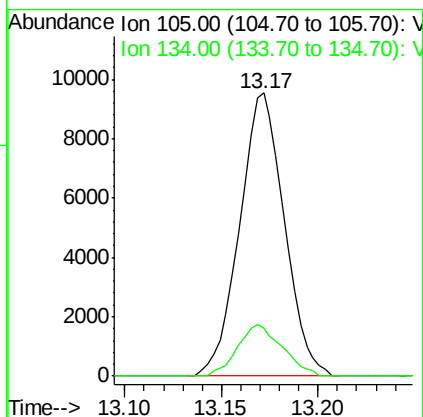
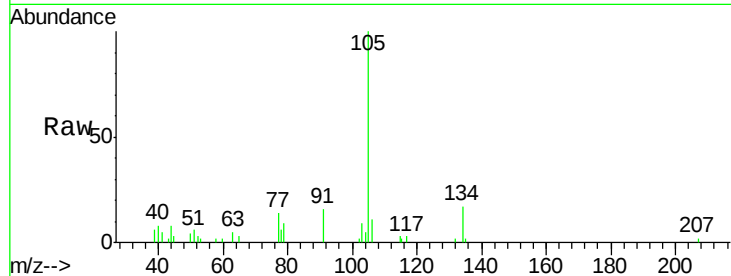




#85  
 sec-Butylbenzene  
 Concen: 1.127 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

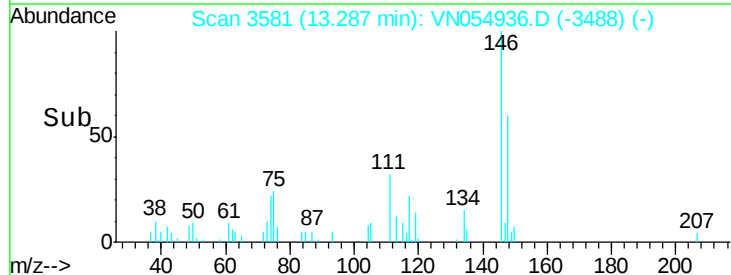
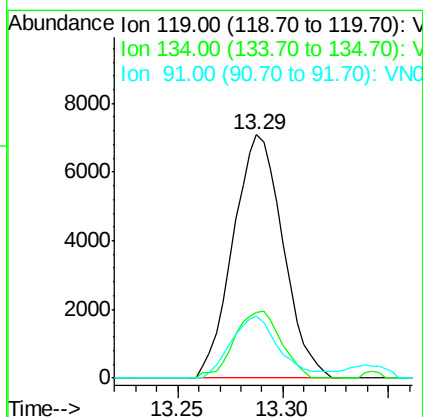
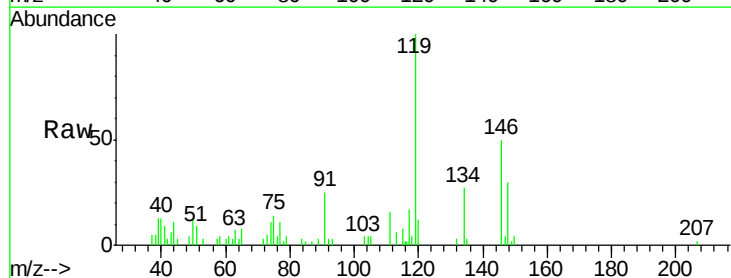
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

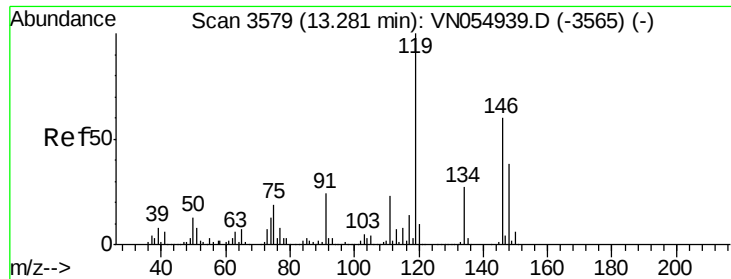
Tgt Ion:105 Resp: 15299  
 Ion Ratio Lower Upper  
 105 100  
 134 18.2 9.8 29.5



#86  
 p-Isopropyltoluene  
 Concen: 0.996 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

Tgt Ion:119 Resp: 11647  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.5 40.5  
 91 24.2 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 1.056 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

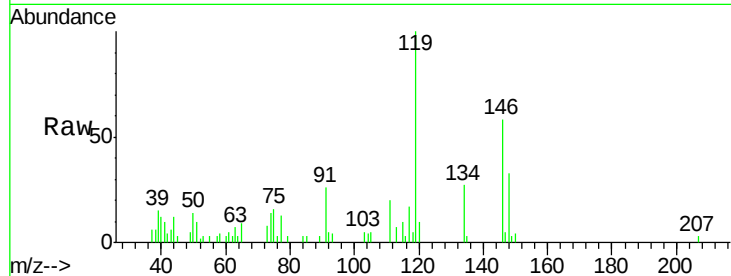
Tgt Ion:146 Resp: 6389

Ion Ratio Lower Upper

146 100

111 42.5 19.6 58.7

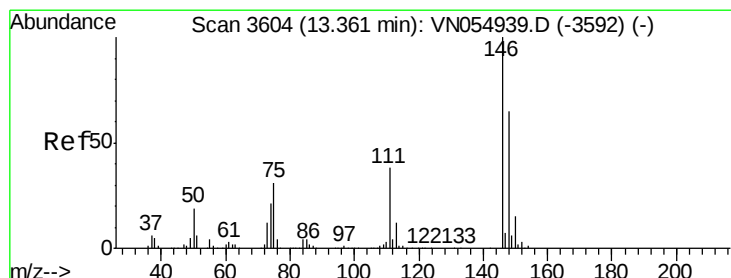
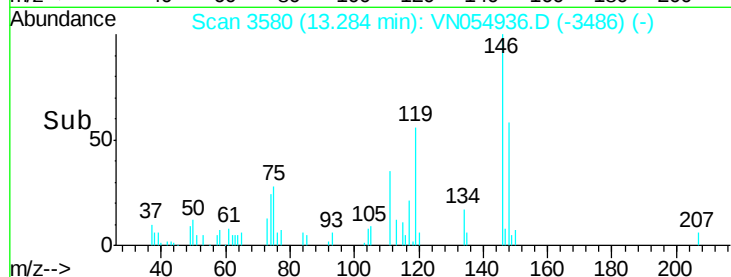
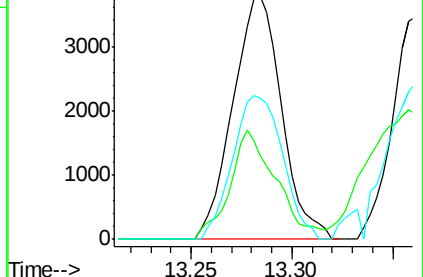
148 60.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.109 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.08 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

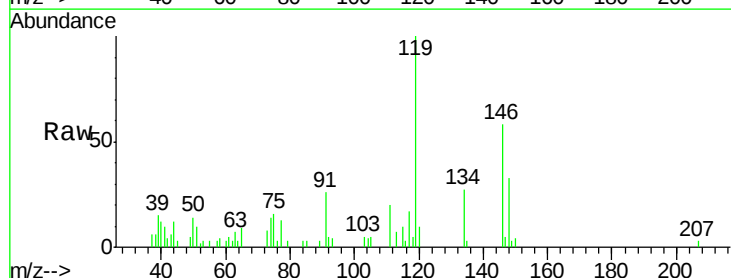
Tgt Ion:146 Resp: 6389

Ion Ratio Lower Upper

146 100

111 42.5 19.2 57.6

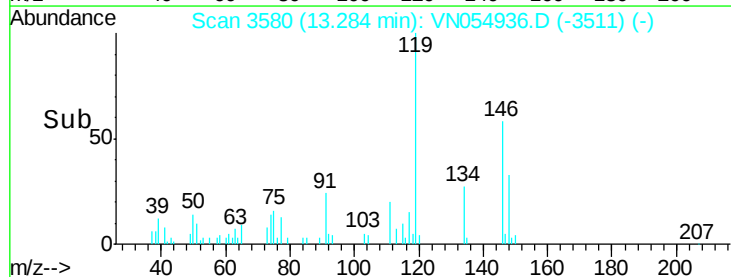
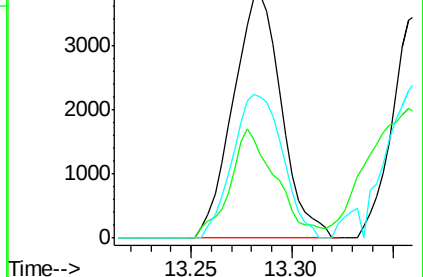
148 60.8 31.9 95.7

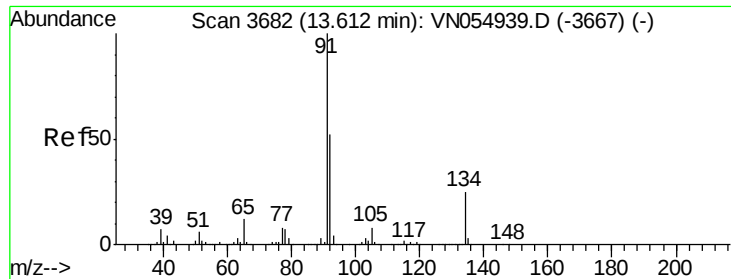


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

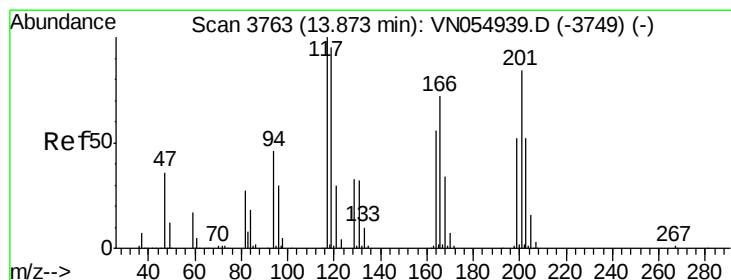
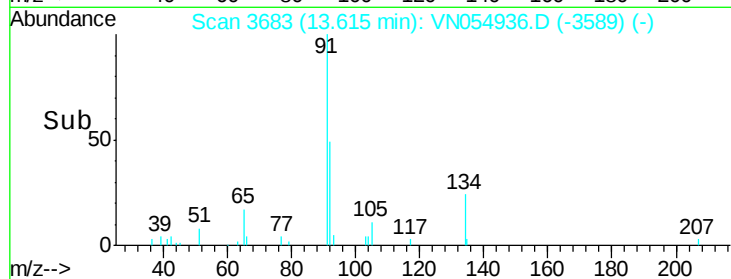
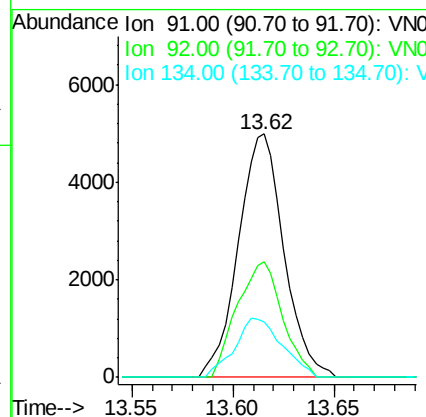
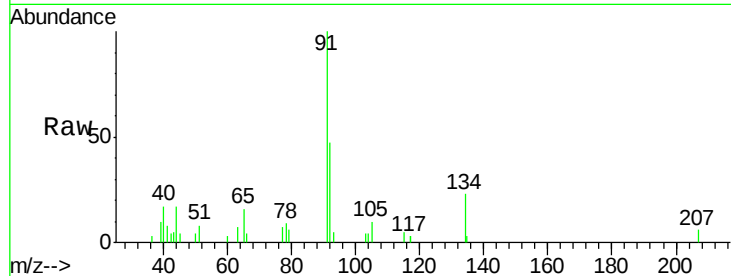




#89  
n-Butylbenzene  
Concen: 0.843 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

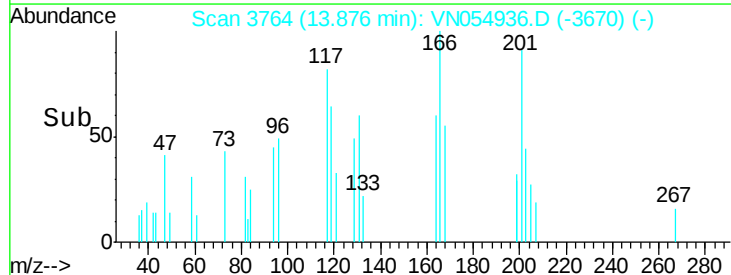
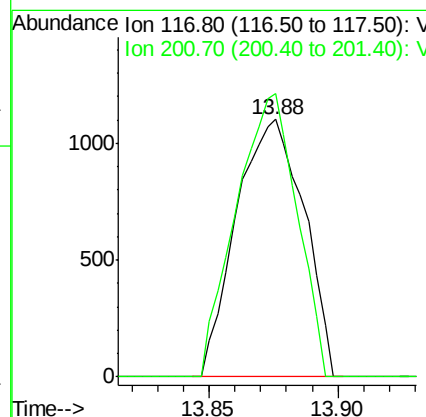
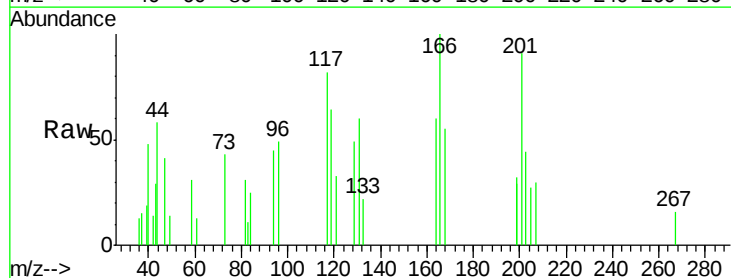
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

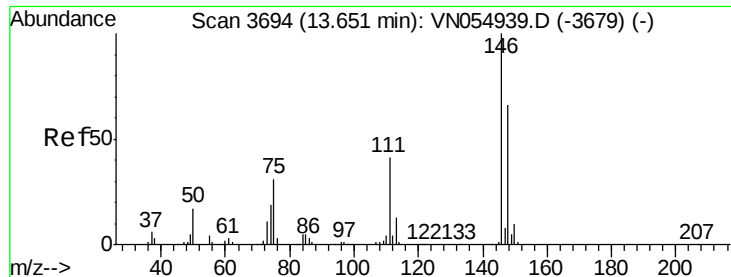
Tgt Ion: 91 Resp: 7879  
Ion Ratio Lower Upper  
91 100  
92 47.3 26.1 78.2  
134 25.2 12.6 37.8



#90  
Hexachloroethane  
Concen: 1.025 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. 0.00 min  
Lab File: VN054936.D  
Acq: 4 Apr 2019 9:46

Tgt Ion: 117 Resp: 2014  
Ion Ratio Lower Upper  
117 100  
201 99.0 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 1.045 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

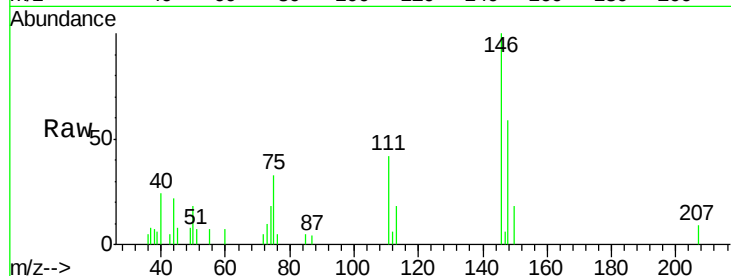
Tgt Ion:146 Resp: 6205

Ion Ratio Lower Upper

146 100

111 44.8 20.2 60.5

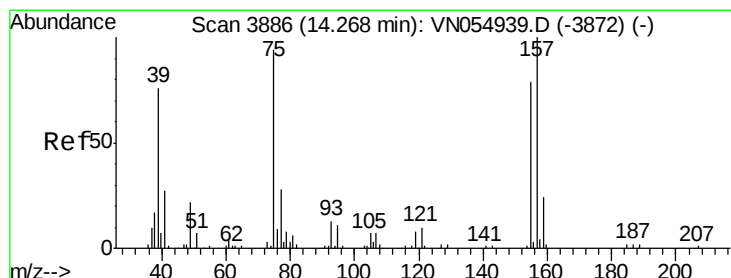
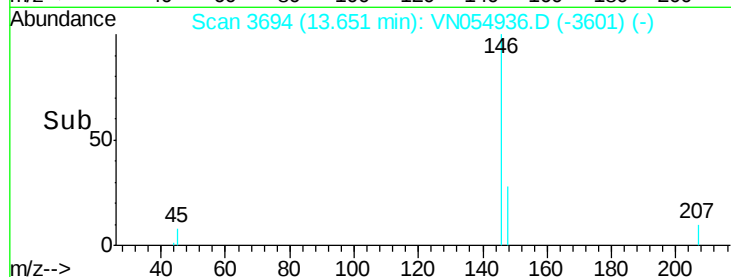
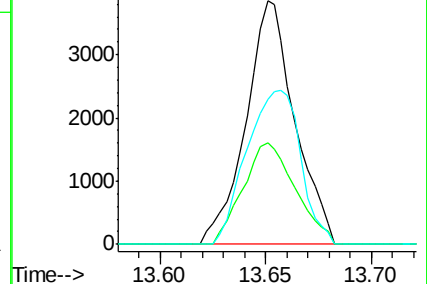
148 69.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.163 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

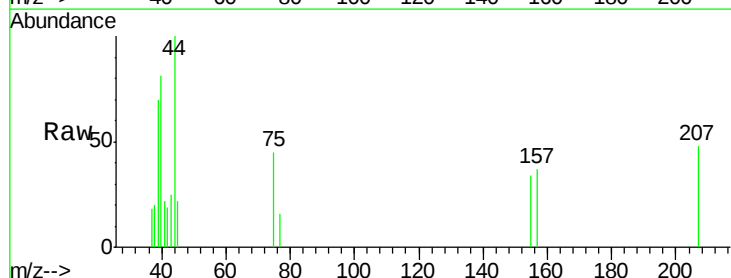
Tgt Ion: 75 Resp: 598

Ion Ratio Lower Upper

75 100

155 68.9 41.5 124.6

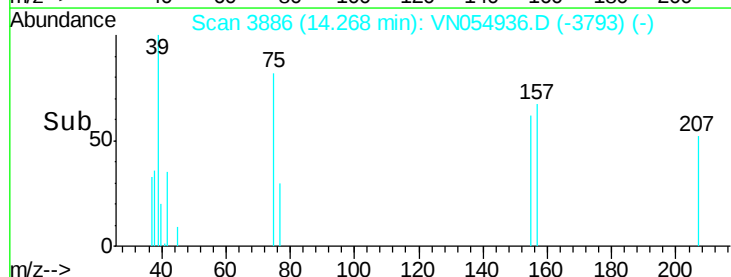
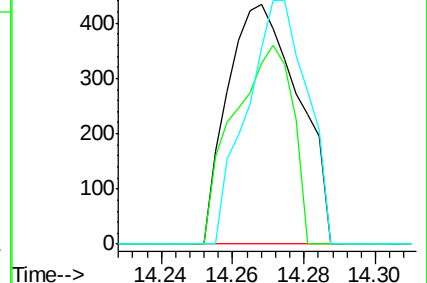
157 86.1 54.4 163.2

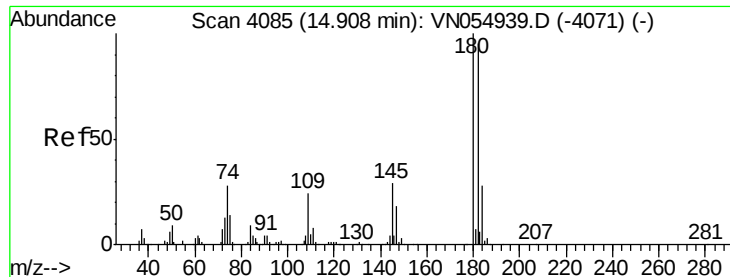


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

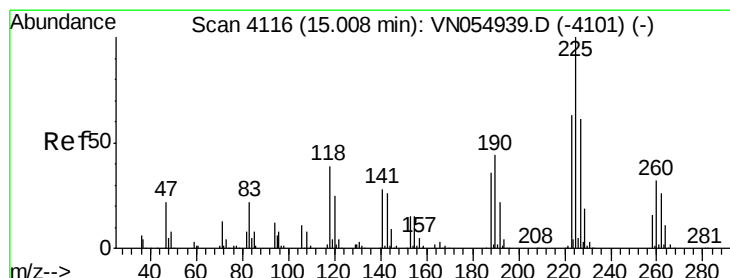
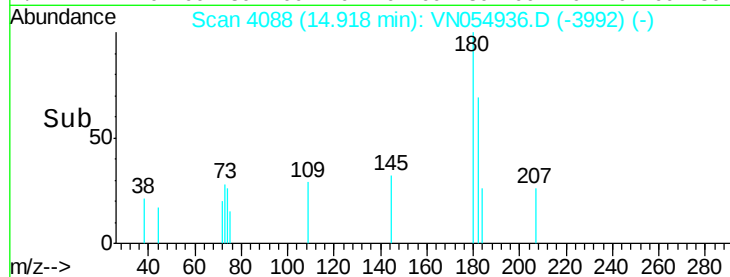
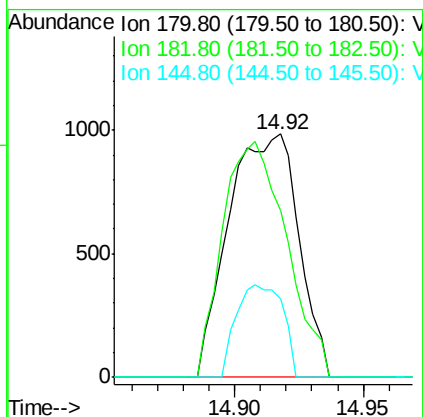
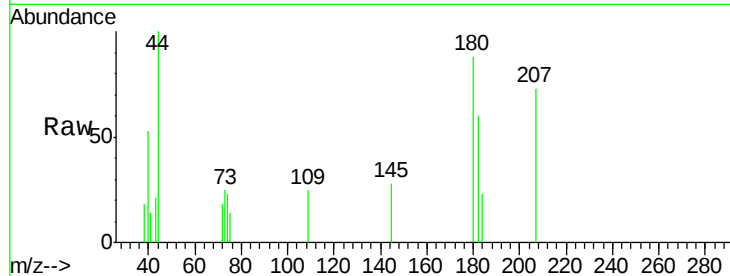




#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.703 ug/l  
 RT: 14.92 min Scan# 4088  
 Delta R.T. 0.01 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

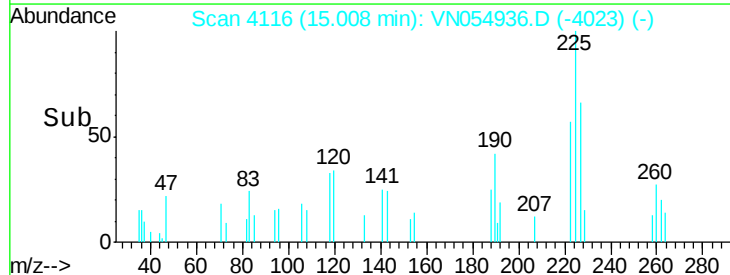
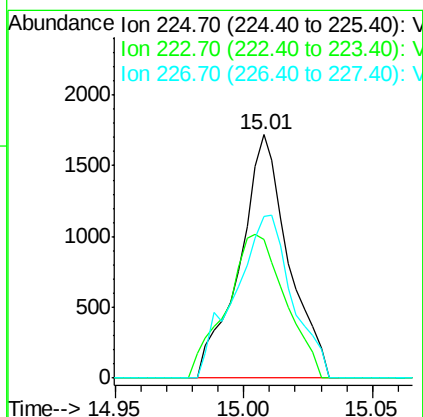
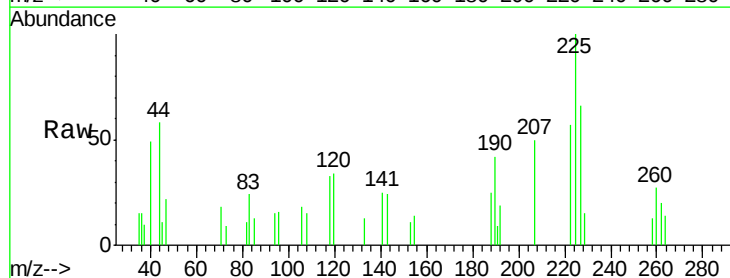
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

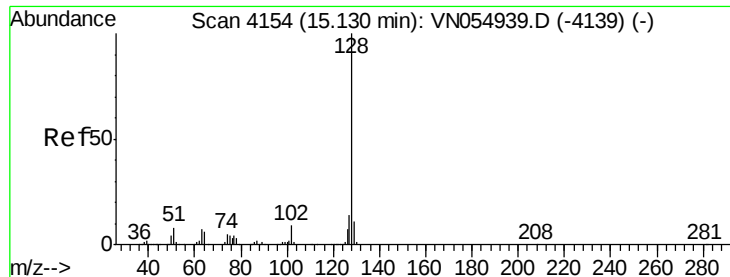
Tgt Ion:180 Resp: 1857  
 Ion Ratio Lower Upper  
 180 100  
 182 88.2 47.5 142.6  
 145 25.3 14.6 43.8



#94  
 Hexachlorobutadiene  
 Concen: 1.136 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN054936.D  
 Acq: 4 Apr 2019 9:46

Tgt Ion:225 Resp: 2258  
 Ion Ratio Lower Upper  
 225 100  
 223 71.3 31.1 93.5  
 227 78.3 30.9 92.5





#95

Naphthalene

Concen: 0.775 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

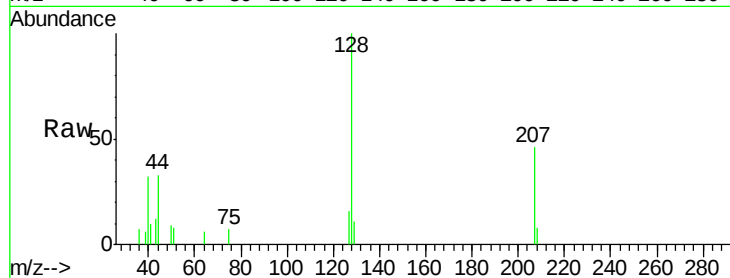
Tgt Ion:128 Resp: 4492

Ion Ratio Lower Upper

128 100

127 11.1 10.6 16.0

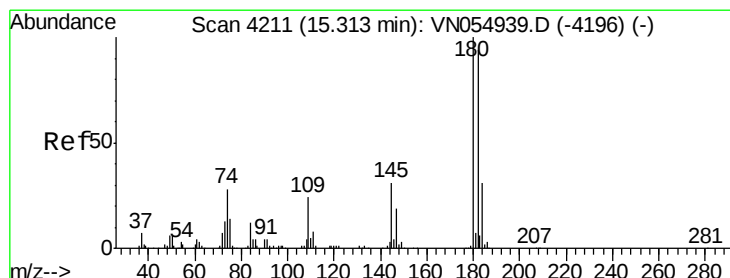
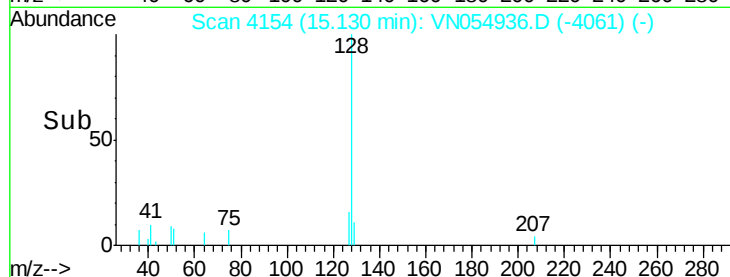
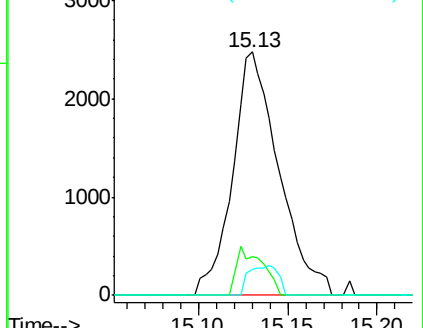
129 7.8 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.883 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN054936.D

Acq: 4 Apr 2019 9:46

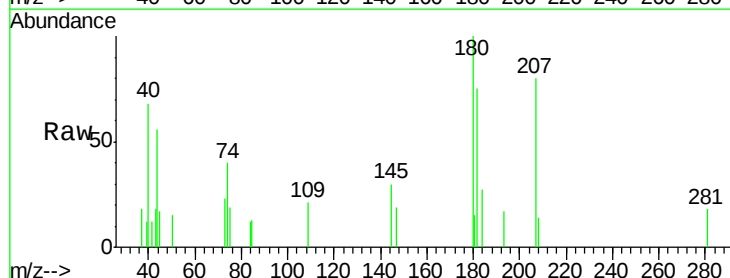
Tgt Ion:180 Resp: 2409

Ion Ratio Lower Upper

180 100

182 79.6 47.5 142.5

145 23.5 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

