

Data File : VN051663.D  
Acq On : 4 Oct 2018 13:19  
Operator : MD\SY  
Sample : VSTDIC005  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Quant Time: Oct 05 02:04:01 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N100418W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 05 01:55:54 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 517891   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 793781   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 688030   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 291405   | 50.00 | ug/l  | 0.00     |

#### System Monitoring Compounds

|                           |        |     |          |      |        |      |
|---------------------------|--------|-----|----------|------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 38021    | 5.56 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 11.12% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 32227    | 5.25 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 10.50% |      |
| 50) Toluene-d8            | 10.09  | 98  | 114186   | 4.99 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.98%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 38557    | 4.76 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.52%  |      |

#### Target Compounds

|                               |      |     |        |               | Qvalue |
|-------------------------------|------|-----|--------|---------------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 21948  | 3.571 ug/l    | 93     |
| 3) Chloromethane              | 2.06 | 50  | 28607  | 4.840 ug/l    | 99     |
| 4) Vinyl Chloride             | 2.18 | 62  | 44831  | 4.815 ug/l    | 100    |
| 5) Bromomethane               | 2.56 | 94  | 44718  | 6.246 ug/l    | 99     |
| 6) Chloroethane               | 2.70 | 64  | 33975  | 5.430 ug/l    | 98     |
| 7) Trichlorofluoromethane     | 3.01 | 101 | 71339  | 6.721 ug/l    | 95     |
| 8) Diethyl Ether              | 3.42 | 74  | 15178  | 5.594 ug/l    | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 28340  | 5.477 ug/l    | 97     |
| 10) Methyl Iodide             | 3.95 | 142 | 21127  | 3.349 ug/l    | 98     |
| 11) Tert butyl alcohol        | 4.80 | 59  | 9759   | 22.650 ug/l # | 86     |
| 12) 1,1-Dichloroethene        | 3.73 | 96  | 27001  | 5.598 ug/l    | 96     |
| 13) Acrolein                  | 3.61 | 56  | 12164  | 41.875 ug/l   | 96     |
| 14) Allyl chloride            | 4.32 | 41  | 38367  | 5.216 ug/l    | 94     |
| 15) Acrylonitrile             | 4.99 | 53  | 42450  | 26.457 ug/l   | 98     |
| 16) Acetone                   | 3.82 | 43  | 39863  | 31.836 ug/l   | 96     |
| 17) Carbon Disulfide          | 4.05 | 76  | 82852  | 5.652 ug/l    | 99     |
| 18) Methyl Acetate            | 4.33 | 43  | 19520  | 5.169 ug/l    | 97     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 85915  | 5.397 ug/l    | 99     |
| 20) Methylene Chloride        | 4.55 | 84  | 30421  | 5.404 ug/l    | 97     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96  | 31125  | 5.446 ug/l    | 88     |
| 22) Diisopropyl ether         | 5.95 | 45  | 82292  | 5.219 ug/l    | 97     |
| 23) Vinyl Acetate             | 5.90 | 43  | 310864 | 26.812 ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 55548  | 5.477 ug/l    | 99     |
| 25) 2-Butanone                | 6.84 | 43  | 59318  | 30.025 ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.83 | 77  | 53790  | 5.293 ug/l    | 96     |
| 27) cis-1,2-Dichloroethene    | 6.84 | 96  | 36268  | 5.466 ug/l    | 95     |
| 28) Bromochloromethane        | 7.19 | 49  | 24478  | 5.452 ug/l #  | 5      |
| 29) Tetrahydrofuran           | 7.22 | 42  | 31836  | 26.260 ug/l   | 96     |
| 30) Chloroform                | 7.38 | 83  | 57280  | 5.027 ug/l    | 96     |
| 31) Cyclohexane               | 7.66 | 56  | 53834  | 5.796 ug/l #  | 92     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 56596  | 5.125 ug/l    | 97     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 42379  | 5.108 ug/l    | 99     |
| 37) Ethyl Acetate             | 6.94 | 43  | 22945  | 5.302 ug/l #  | 79     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 49934  | 5.016 ug/l    | 94     |

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ALS Vial : 8 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Quant Time: Oct 05 02:04:01 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N100418W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 05 01:55:54 2018  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 52051    | 4.998   | ug/l   | 100      |
| 40) Benzene                    | 8.04  | 78   | 122329   | 4.974   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 15174    | 6.386   | ug/l # | 83       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 43280    | 5.221   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 47846    | 5.303   | ug/l   | 98       |
| 44) Trichloroethene            | 8.83  | 130  | 35516    | 5.085   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 32701    | 5.377   | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 21291    | 5.037   | ug/l   | 93       |
| 47) Bromodichloromethane       | 9.40  | 83   | 47428    | 5.097   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.20  | 41   | 22117    | 5.365   | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 6572     | 106.314 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 121899   | 26.664  | ug/l   | 98       |
| 52) Toluene                    | 10.16 | 92   | 77532    | 4.739   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 46526    | 4.846   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 51186    | 5.020   | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 29269    | 5.022   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 34417    | 4.670   | ug/l   | 88       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 44583    | 4.834   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 69179    | 22.681  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 85391    | 27.503  | ug/l   | 96       |
| 60) Dibromochloromethane       | 10.90 | 129  | 35334    | 4.633   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 29059    | 4.717   | ug/l   | 95       |
| 64) Tetrachloroethene          | 10.63 | 164  | 31751    | 5.231   | ug/l   | 97       |
| 65) Chlorobenzene              | 11.44 | 112  | 87425    | 5.131   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 34609    | 5.072   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 147495   | 5.008   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 113890   | 9.664   | ug/l   | 98       |
| 69) o-Xylene                   | 11.95 | 106  | 55922    | 4.839   | ug/l   | 94       |
| 70) Styrene                    | 11.96 | 104  | 84880    | 4.609   | ug/l   | 97       |
| 71) Bromoform                  | 12.13 | 173  | 23607    | 4.652   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 148182   | 5.965   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 36945    | 6.522   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 35415    | 6.614   | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 40783    | 9.978   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 35947    | 5.918   | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 157879   | 5.827   | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 94536    | 5.920   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 122513   | 5.852   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 8962     | 5.653   | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 89438    | 5.576   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 114320   | 6.095   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 121040   | 5.772   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 142041   | 5.725   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 123139   | 5.598   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 55354    | 5.230   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 55557    | 5.333   | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.62 | 91   | 89610    | 5.152   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 25375    | 5.782   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 58442    | 5.555   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 5067     | 5.807   | ug/l   | 95       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN100418\  
Quantitation Report (Not Reviewed)

Data File : VN051663.D  
Acq On : 4 Oct 2018 13:19  
Operator : MD\SY  
Sample : VSTDICC005  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

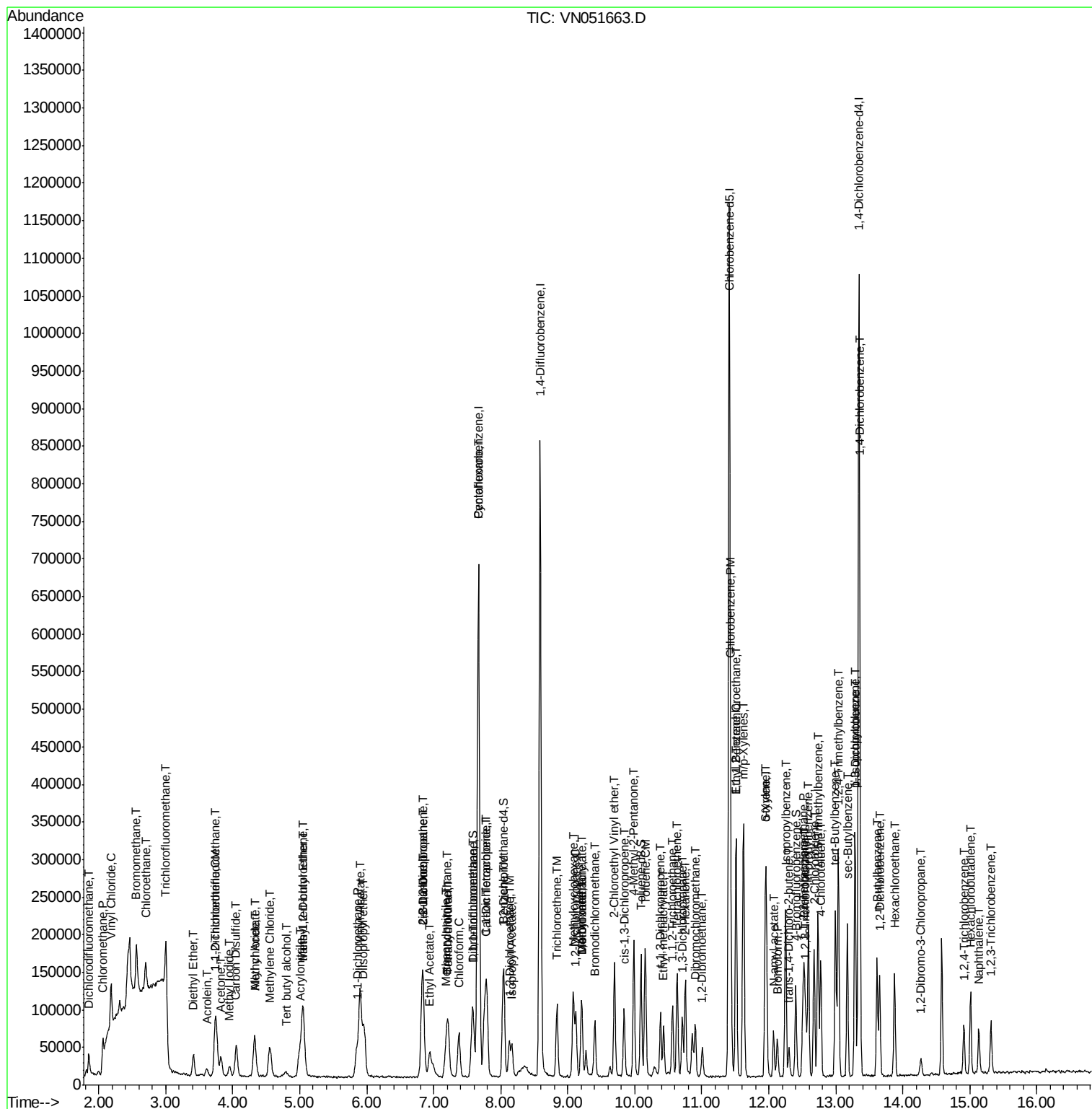
Quant Time: Oct 05 02:04:01 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N100418W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 05 01:55:54 2018  
Response via : Initial Calibration

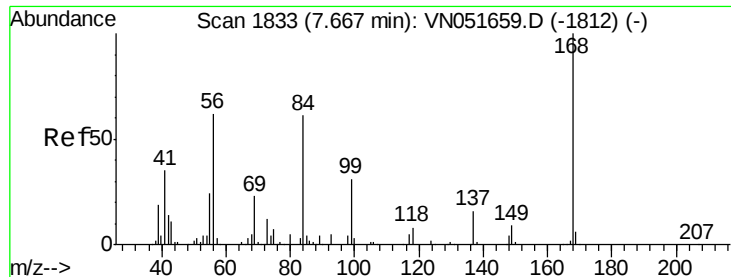
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 20696    | 4.421 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 18934    | 5.961 | ug/l  | 97       |
| 95) Naphthalene            | 15.14 | 128  | 49199    | 4.866 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 22586    | 4.898 | ug/l  | 99       |

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

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
VSTDICC005

Quant Time: Oct 05 02:04:01 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N100418W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 05 01:55:54 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampled :

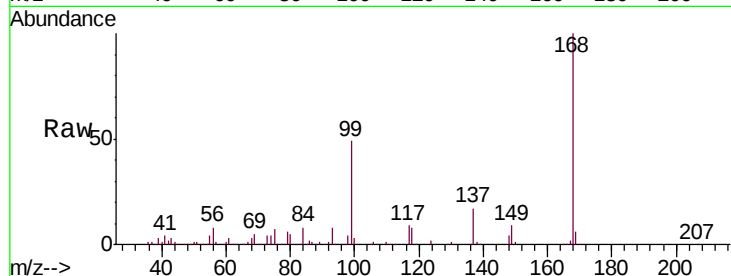
VSTDIC005

Tgt Ion:168 Resp: 517891

Ion Ratio Lower Upper

168 100

99 48.3 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

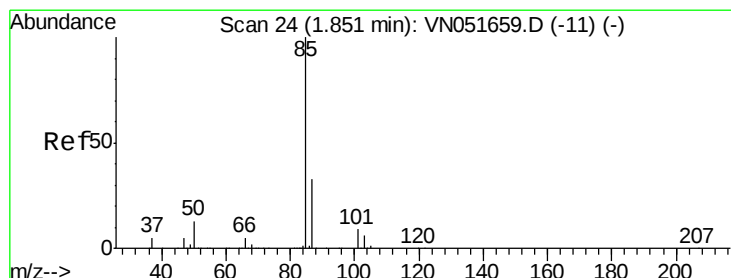
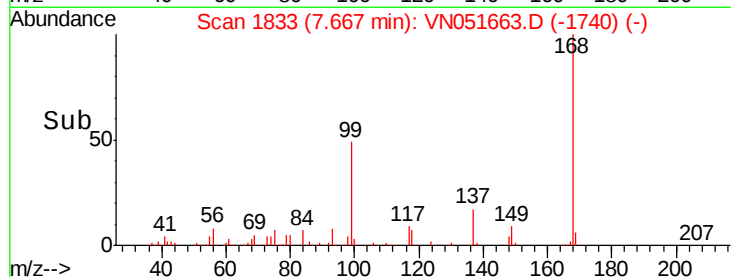
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 3.571 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN051663.D

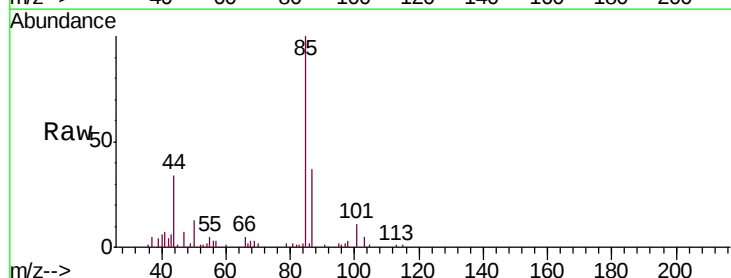
Acq: 4 Oct 2018 13:19

Tgt Ion: 85 Resp: 21948

Ion Ratio Lower Upper

85 100

87 36.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

15000

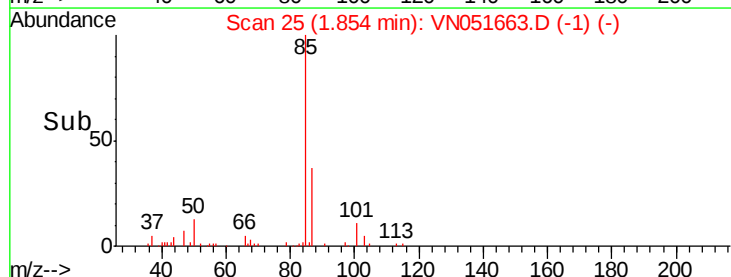
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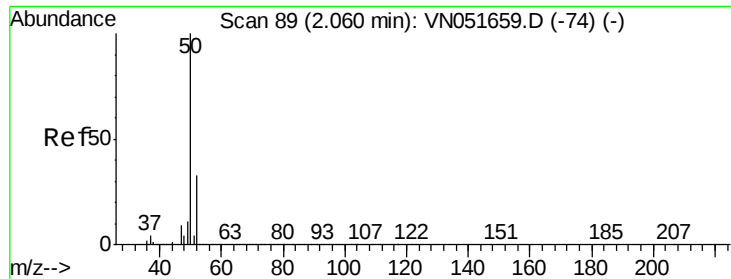
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 4.840 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

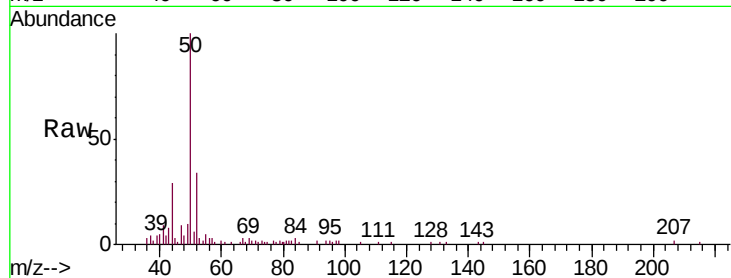
VSTDIC005

Tgt Ion: 50 Resp: 28607

Ion Ratio Lower Upper

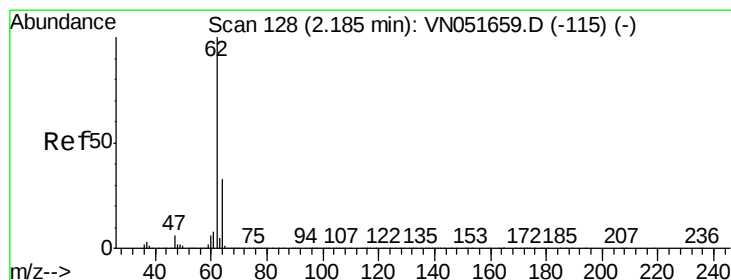
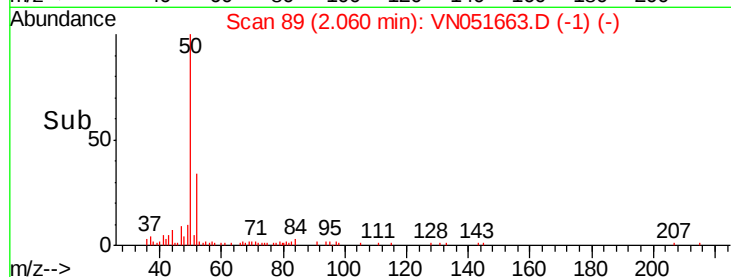
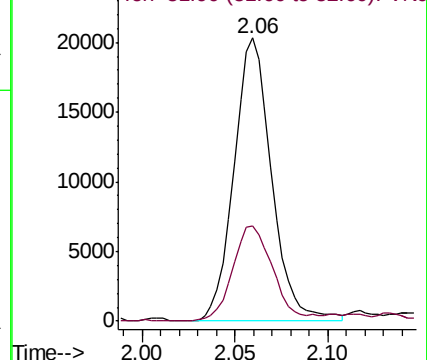
50 100

52 33.8 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 4.815 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051663.D

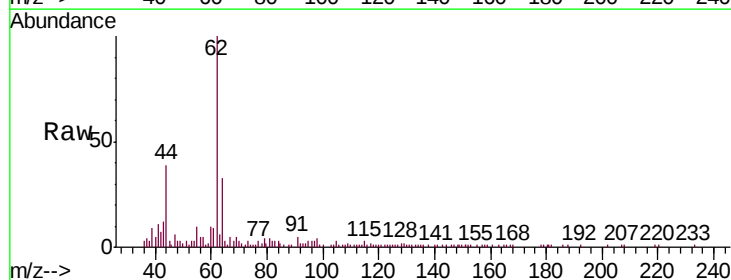
Acq: 4 Oct 2018 13:19

Tgt Ion: 62 Resp: 44831

Ion Ratio Lower Upper

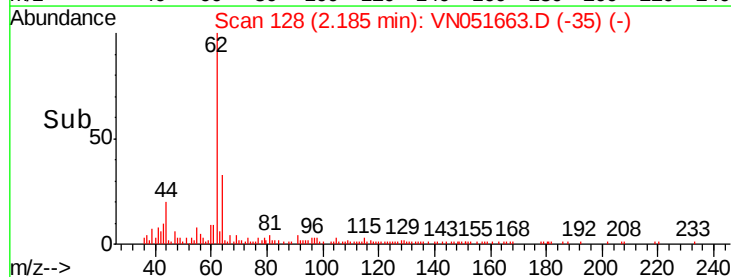
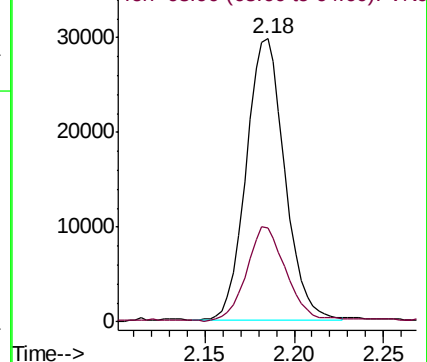
62 100

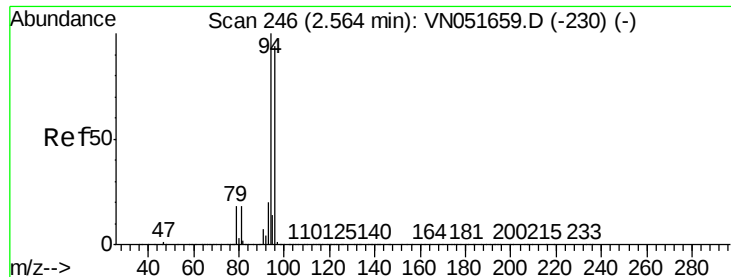
64 33.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 6.246 ug/l

RT: 2.56 min Scan# 245

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

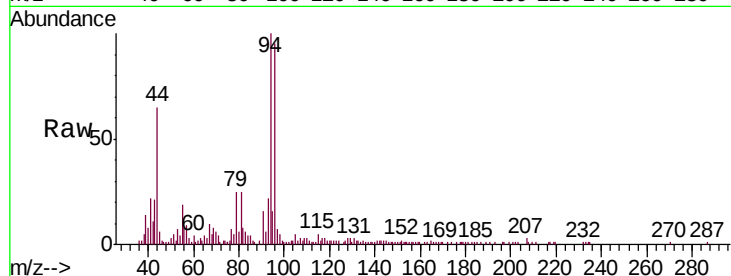
VSTDIC005

Tgt Ion: 94 Resp: 44718

Ion Ratio Lower Upper

94 100

96 93.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

25000

20000

15000

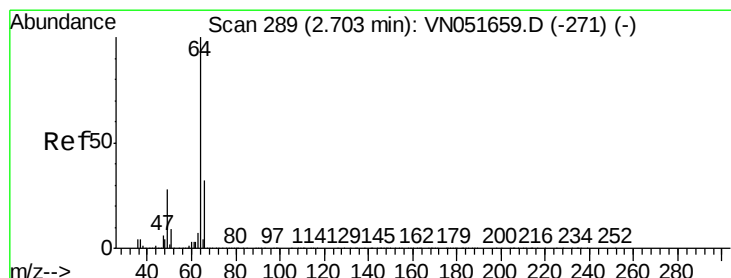
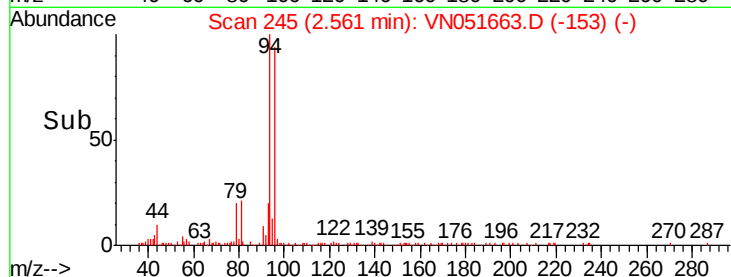
10000

5000

0

2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 5.430 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN051663.D

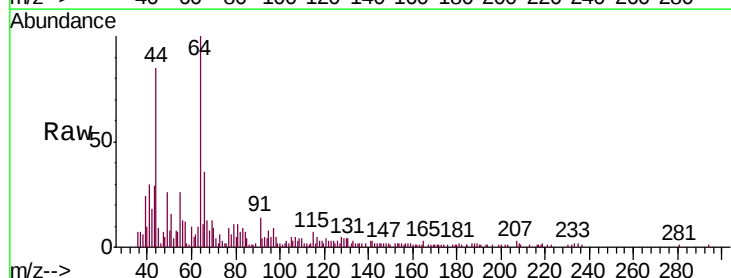
Acq: 4 Oct 2018 13:19

Tgt Ion: 64 Resp: 33975

Ion Ratio Lower Upper

64 100

66 33.4 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

20000

15000

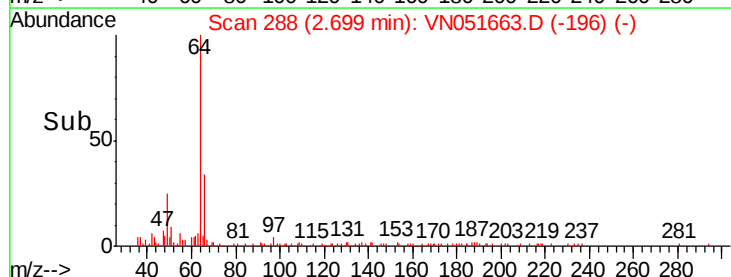
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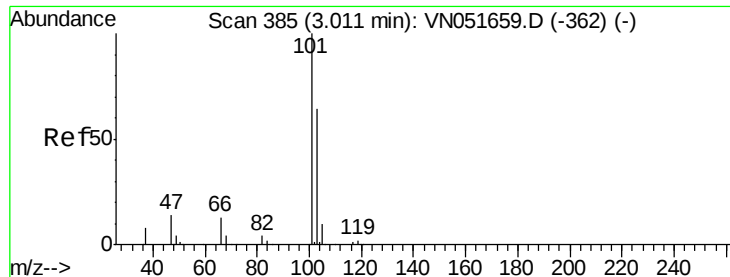
5000

0

2.60 2.65 2.70 2.75 2.80

Time-->



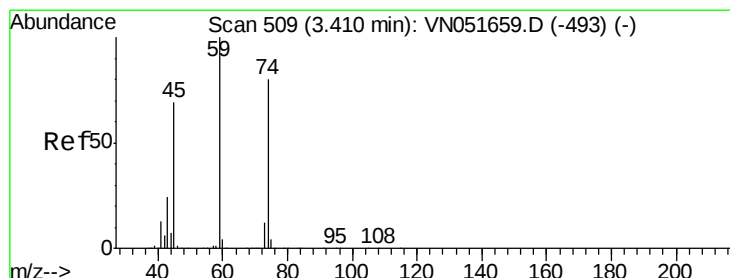
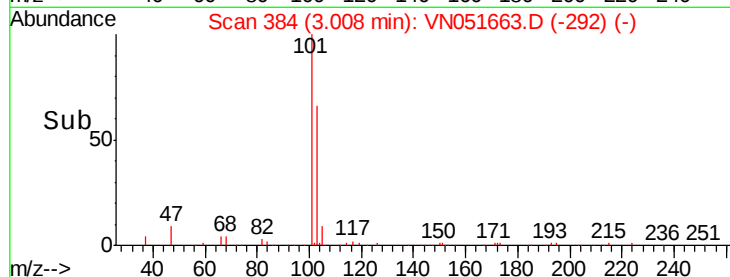
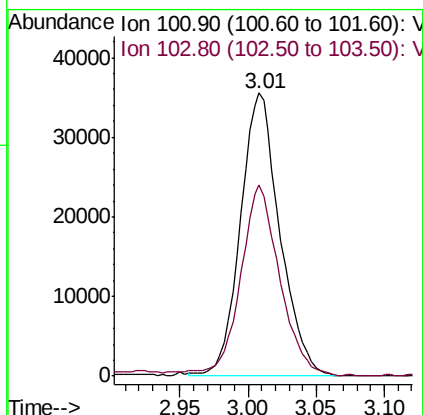
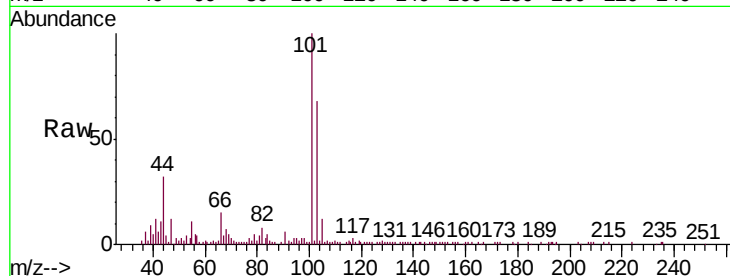


#7

Trichlorofluoromethane  
 Concen: 6.721 ug/l  
 RT: 3.01 min Scan# 384  
 Delta R.T. -0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

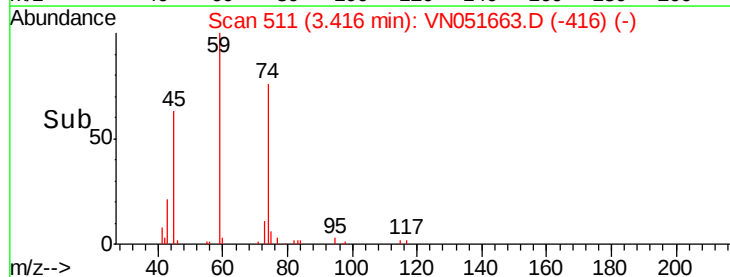
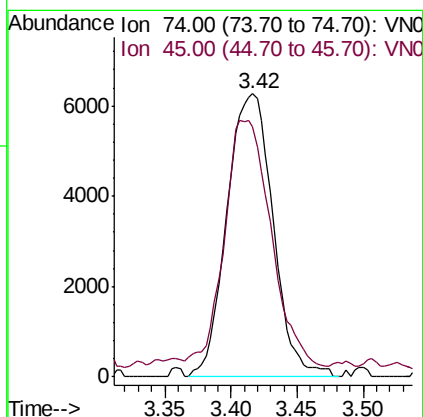
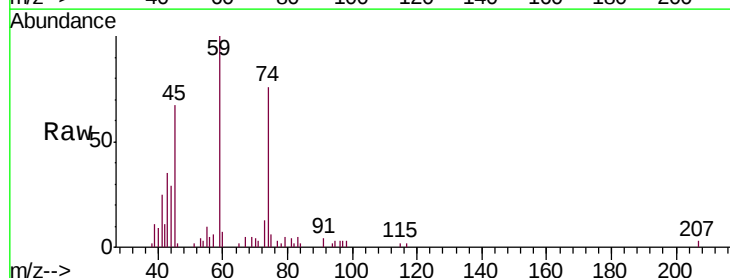
Tgt Ion:101 Resp: 71339  
 Ion Ratio Lower Upper  
 101 100  
 103 67.7 51.1 76.7

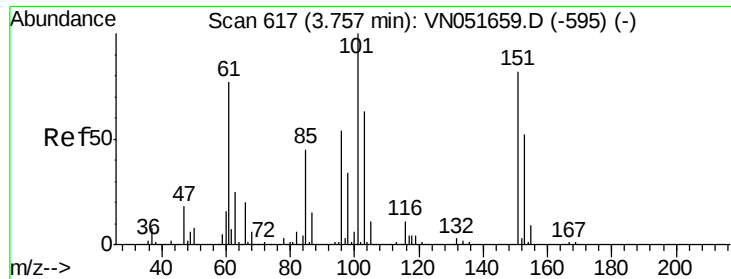


#8

Diethyl Ether  
 Concen: 5.594 ug/l  
 RT: 3.42 min Scan# 511  
 Delta R.T. 0.01 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Tgt Ion: 74 Resp: 15178  
 Ion Ratio Lower Upper  
 74 100  
 45 87.2 44.3 132.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.477 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

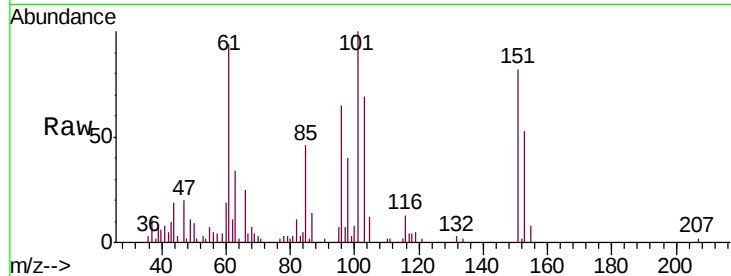
Tgt Ion:101 Resp: 28340

Ion Ratio Lower Upper

101 100

85 46.6 35.6 53.4

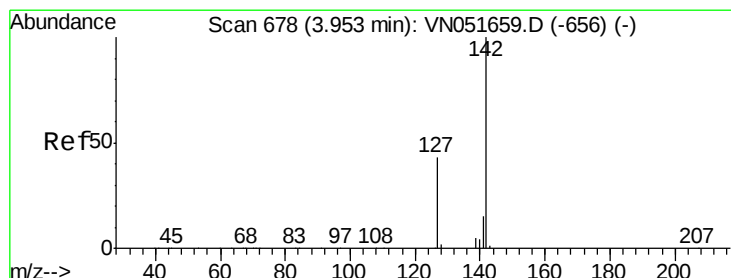
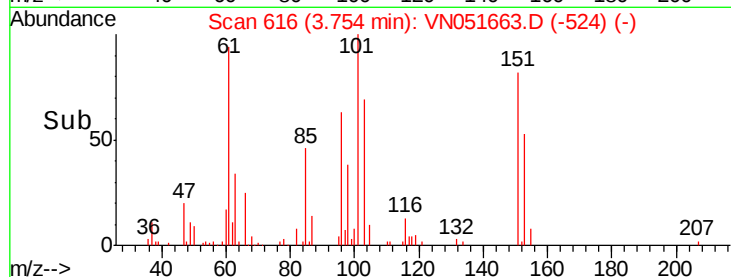
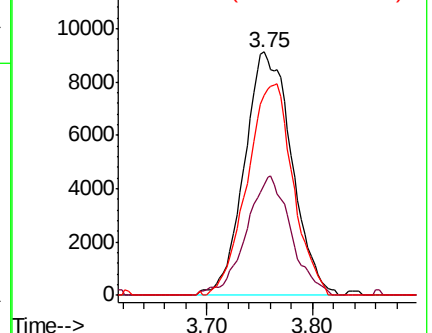
151 84.5 65.5 98.3



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: 3.349 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

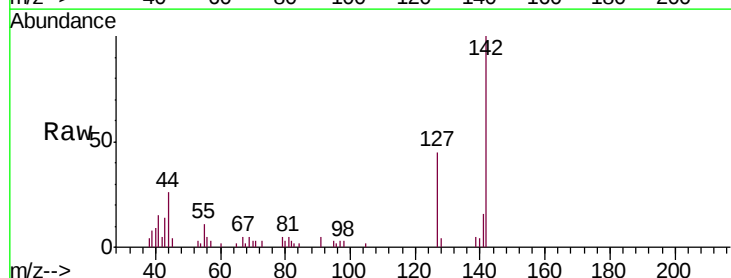
Tgt Ion:142 Resp: 21127

Ion Ratio Lower Upper

142 100

127 41.9 34.7 52.1

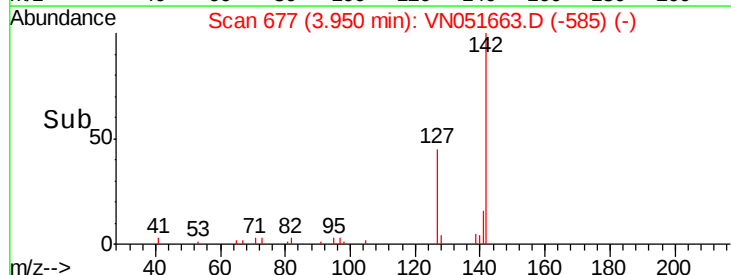
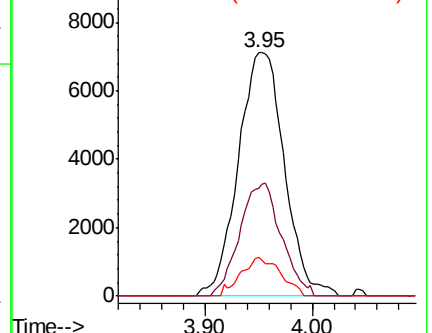
141 13.6 11.4 17.2

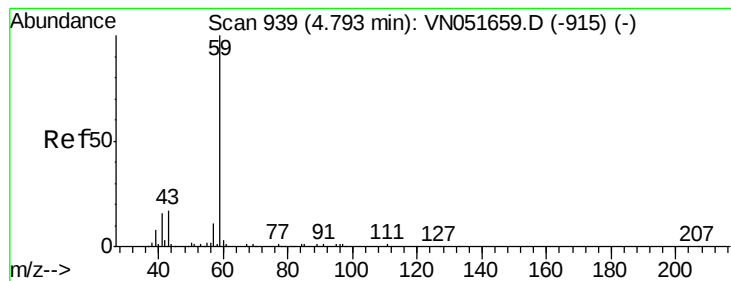


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



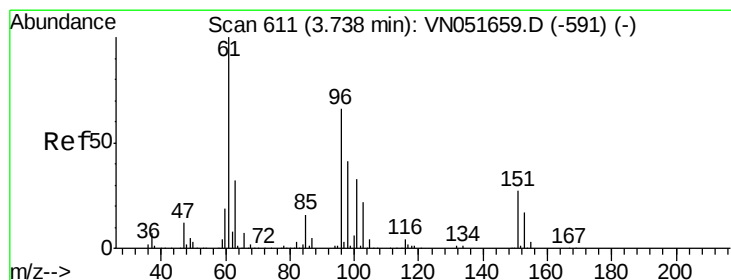
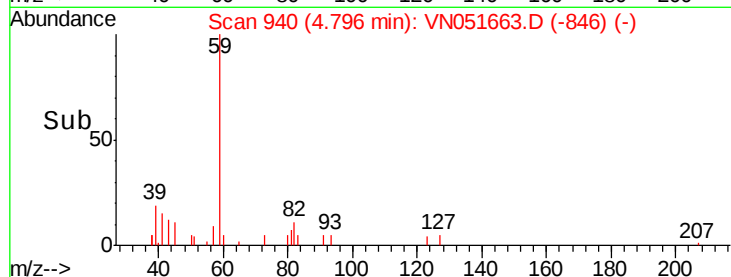
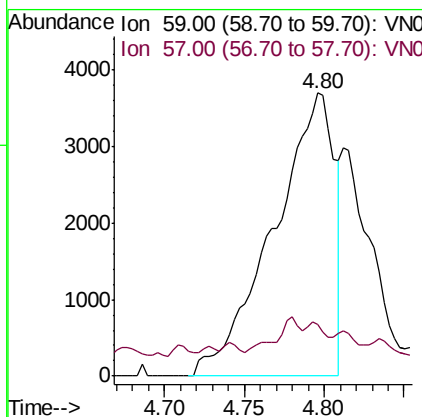
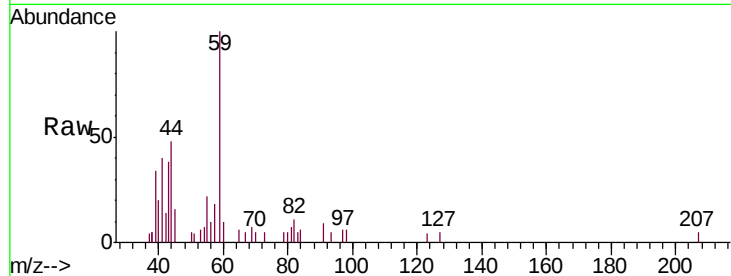


#11

Tert butyl alcohol  
 Concen: 22.650 ug/l  
 RT: 4.80 min Scan# 940  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

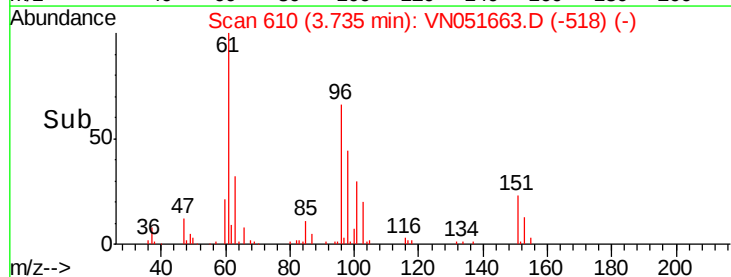
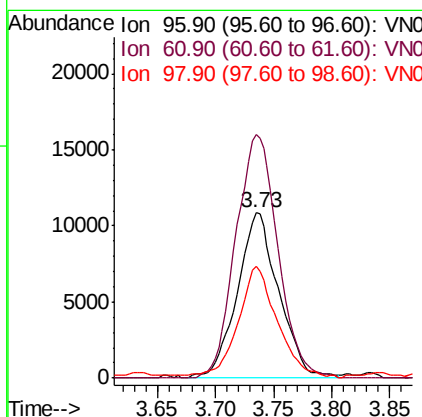
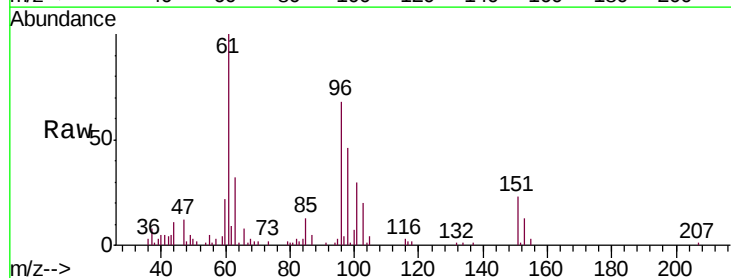
Tgt Ion: 59 Resp: 9759  
 Ion Ratio Lower Upper  
 59 100  
 57 4.9 8.1 12.1#



#12

1,1-Dichloroethene  
 Concen: 5.598 ug/l  
 RT: 3.73 min Scan# 610  
 Delta R.T. -0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Tgt Ion: 96 Resp: 27001  
 Ion Ratio Lower Upper  
 96 100  
 61 147.3 121.4 182.0  
 98 67.5 49.9 74.9





#13

Acrolein

Concen: 41.875 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

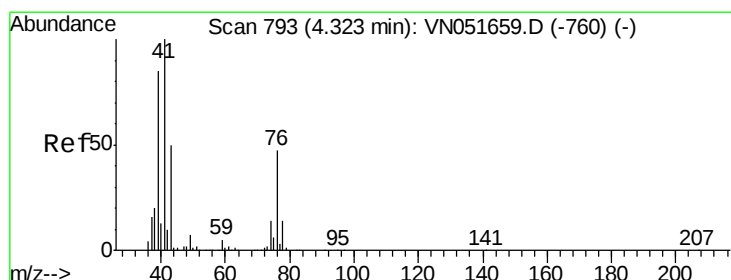
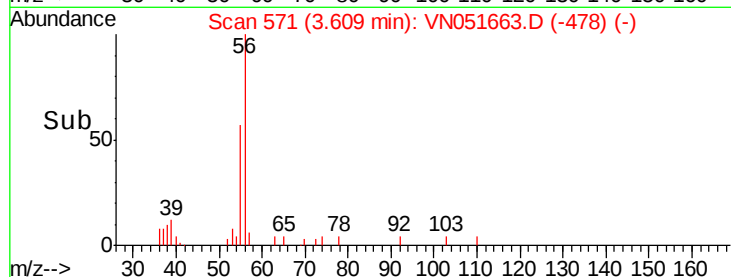
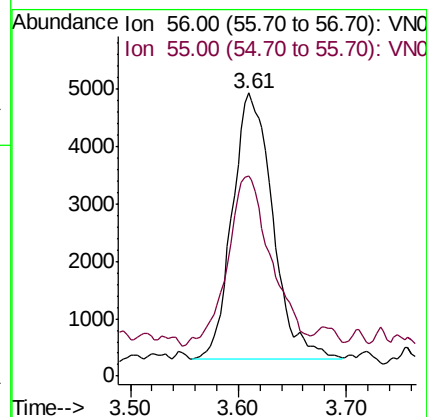
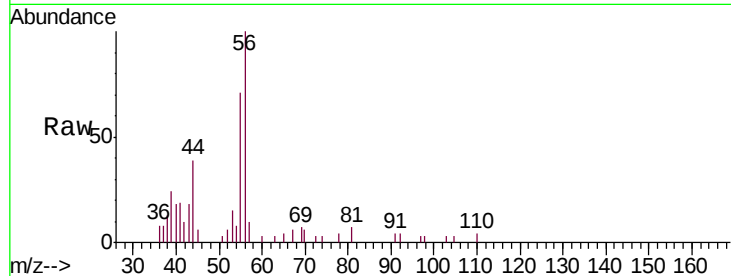
VSTDIC005

Tgt Ion: 56 Resp: 12164

Ion Ratio Lower Upper

56 100

55 68.6 57.5 86.3



#14

Allyl chloride

Concen: 5.216 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

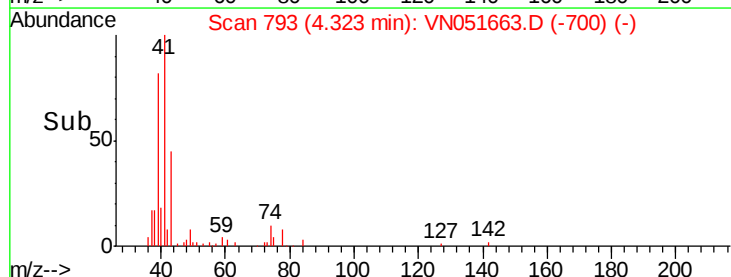
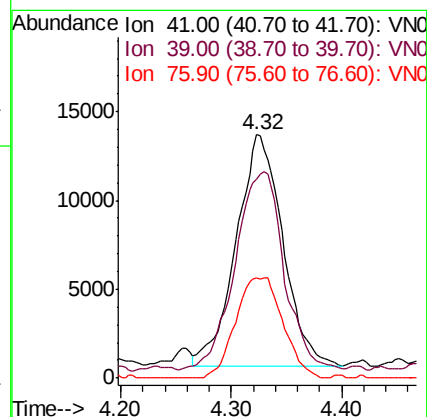
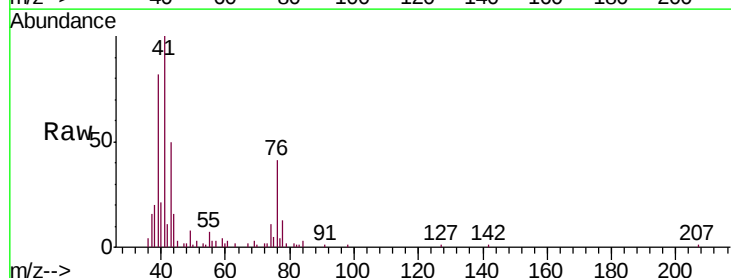
Tgt Ion: 41 Resp: 38367

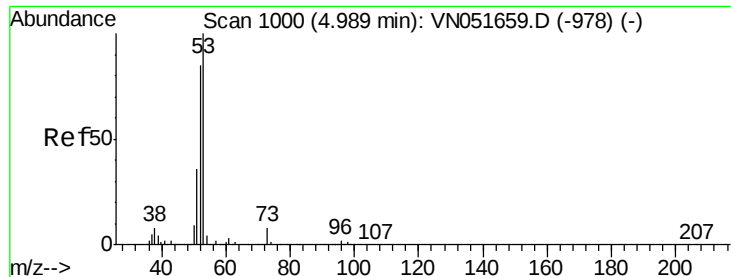
Ion Ratio Lower Upper

41 100

39 89.6 65.4 98.0

76 43.7 34.3 51.5





#15

Acrylonitrile

Concen: 26.457 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

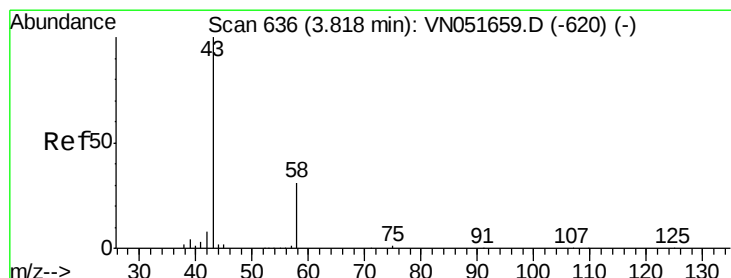
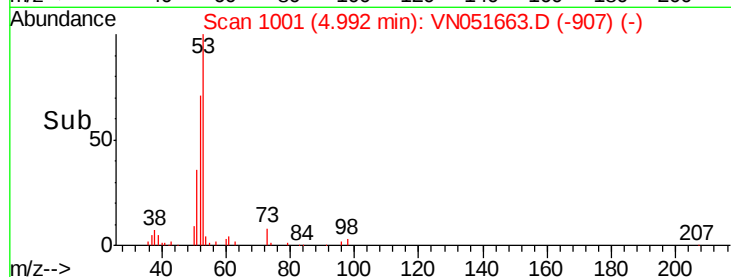
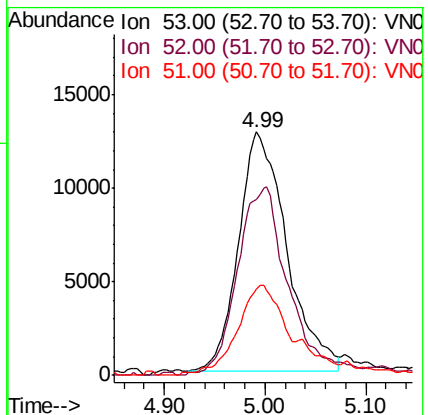
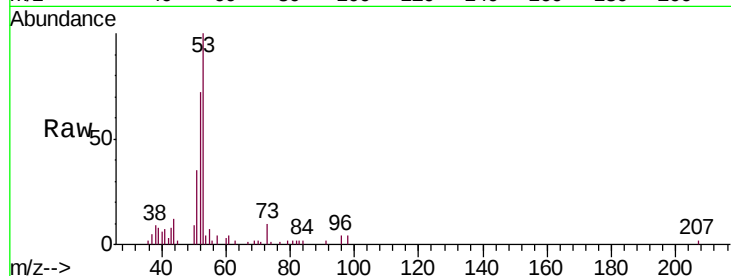
Tgt Ion: 53 Resp: 42450

Ion Ratio Lower Upper

53 100

52 83.7 66.2 99.2

51 35.3 30.3 45.5



#16

Acetone

Concen: 31.836 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051663.D

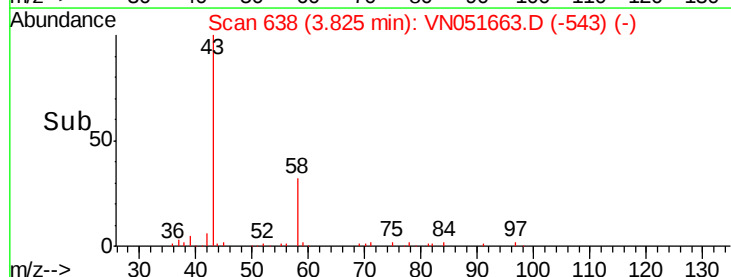
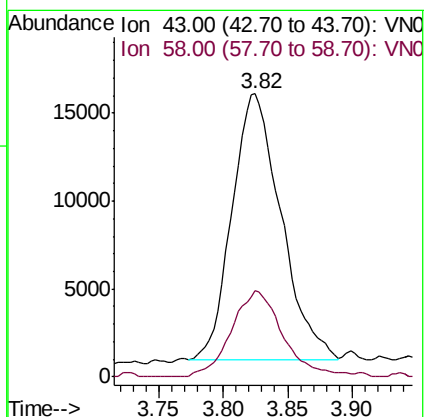
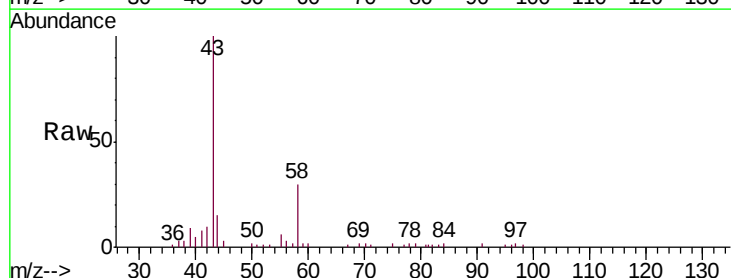
Acq: 4 Oct 2018 13:19

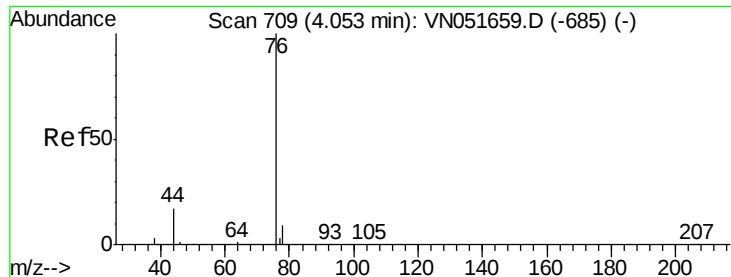
Tgt Ion: 43 Resp: 39863

Ion Ratio Lower Upper

43 100

58 32.3 24.3 36.5

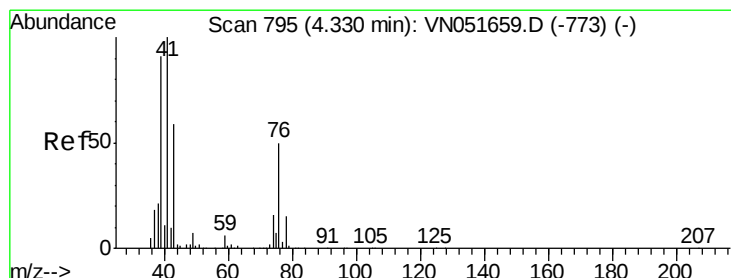
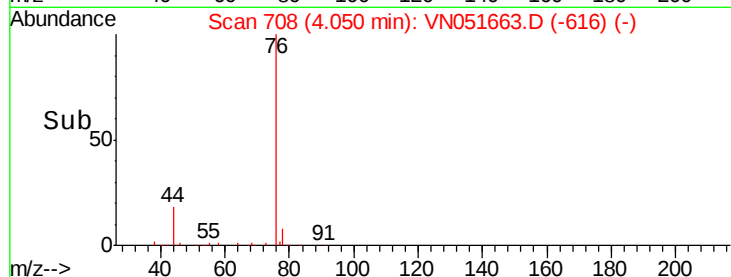
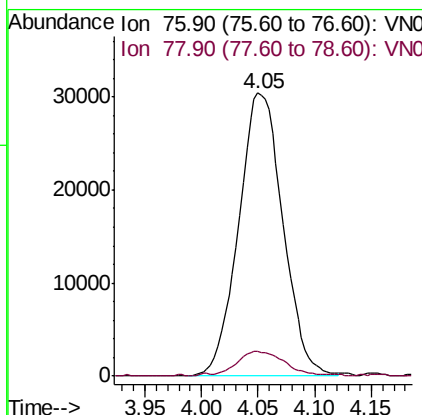
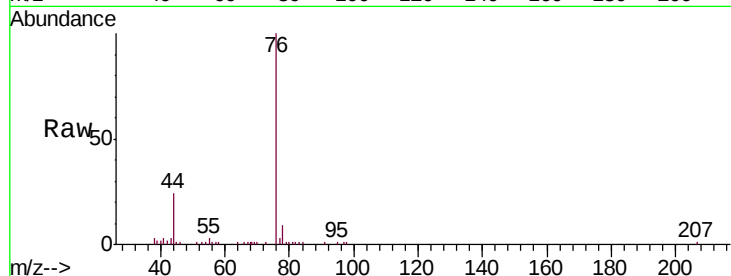




#17  
Carbon Disulfide  
Concen: 5.652 ug/l  
RT: 4.05 min Scan# 708  
Delta R.T. -0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

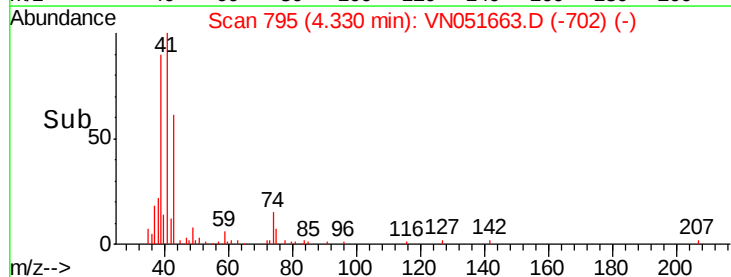
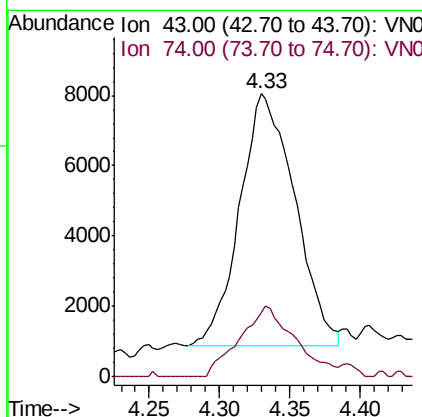
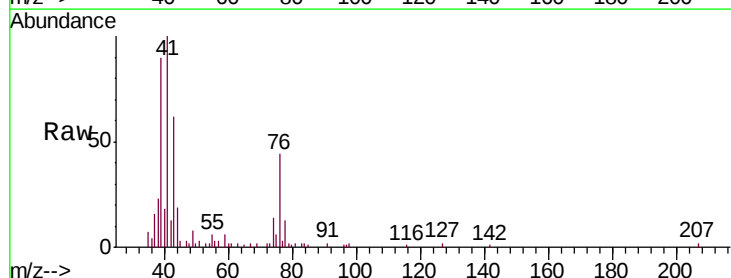
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

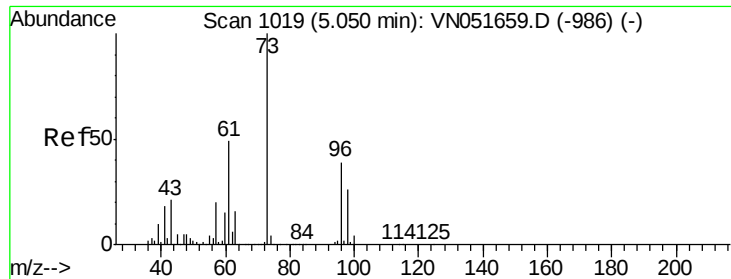
Tgt Ion: 76 Resp: 82852  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.2 10.8



#18  
Methyl Acetate  
Concen: 5.169 ug/l  
RT: 4.33 min Scan# 795  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion: 43 Resp: 19520  
Ion Ratio Lower Upper  
43 100  
74 28.3 21.5 32.3

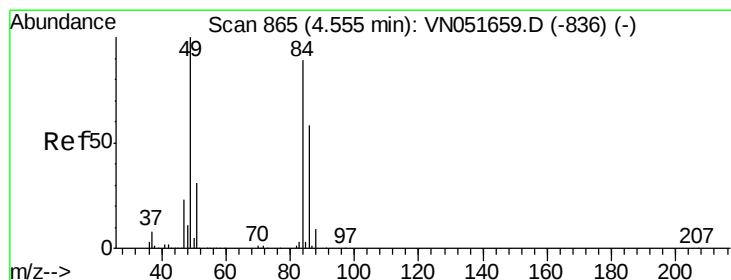
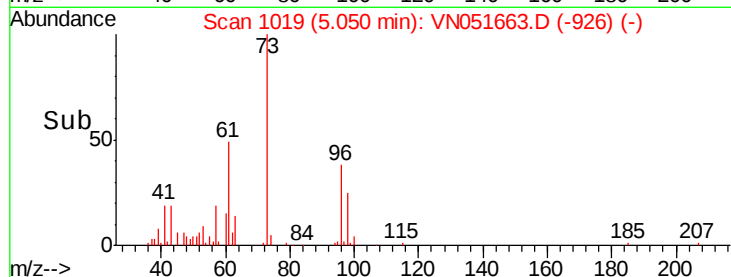
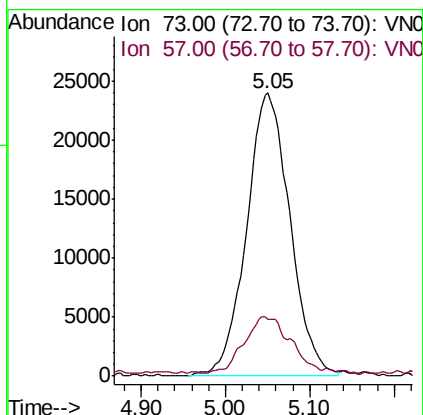
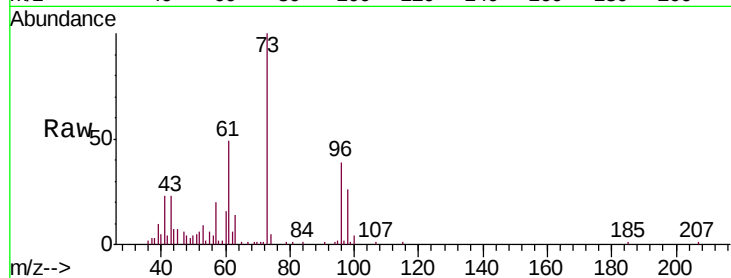




#19  
Methyl tert-butyl Ether  
Concen: 5.397 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

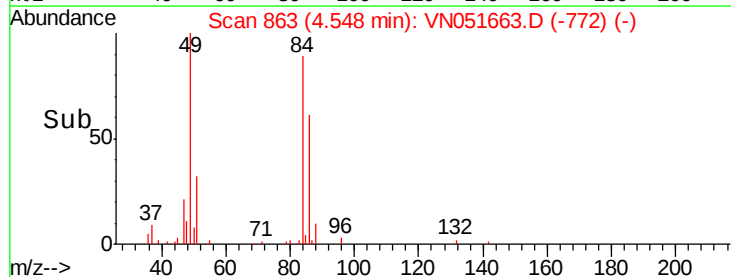
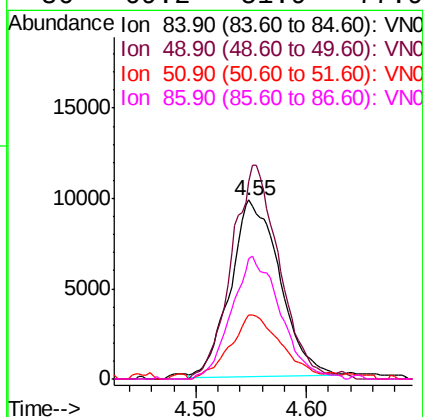
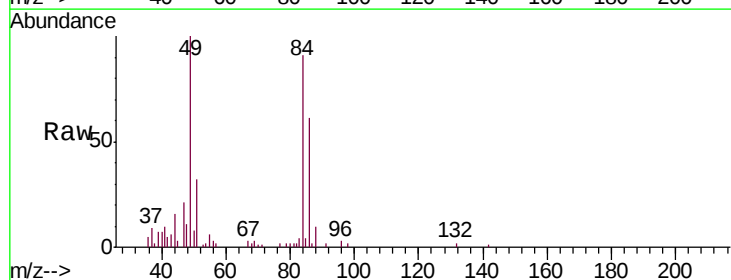
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

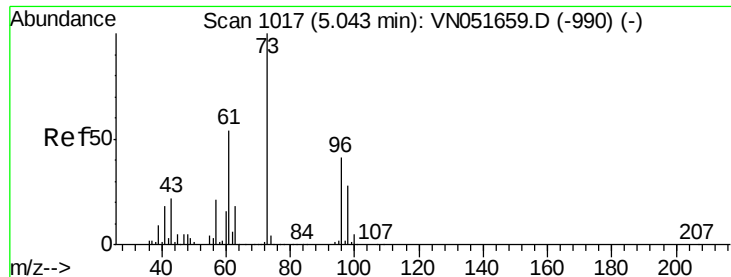
Tgt Ion: 73 Resp: 85915  
Ion Ratio Lower Upper  
73 100  
57 18.9 15.6 23.4



#20  
Methylene Chloride  
Concen: 5.404 ug/l  
RT: 4.55 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion: 84 Resp: 30421  
Ion Ratio Lower Upper  
84 100  
49 112.7 89.5 134.3  
51 36.3 27.4 41.0  
86 69.2 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 5.446 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

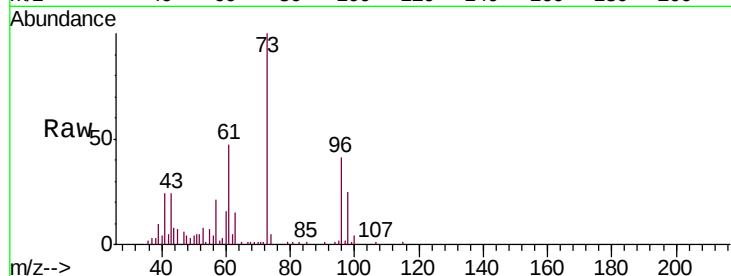
Tgt Ion: 96 Resp: 31125

Ion Ratio Lower Upper

96 100

61 117.0 104.7 157.1

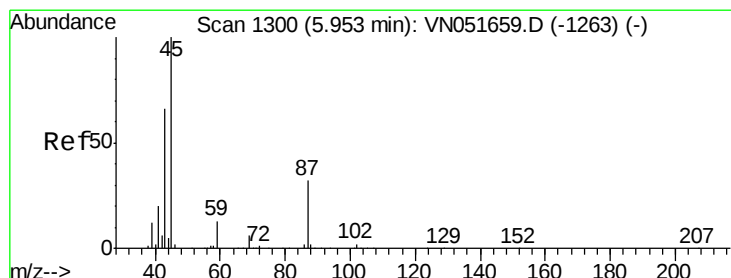
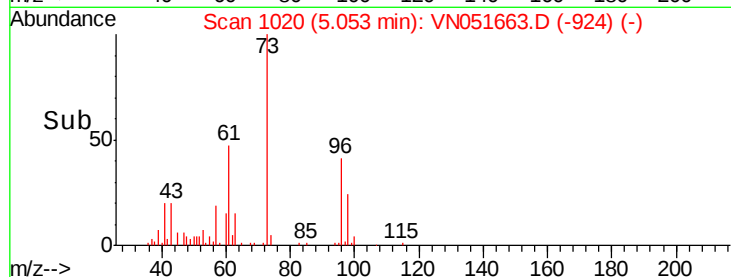
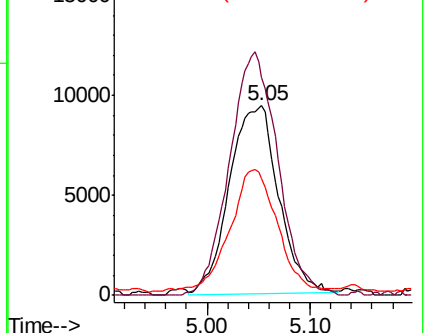
98 59.0 54.6 82.0



Abundance Ion 95.90 (95.60 to 96.60): VN051663.D (-1207) (-)

Ion 60.90 (60.60 to 61.60): VN051663.D (-1207) (-)

Ion 97.90 (97.60 to 98.60): VN051663.D (-1207) (-)



#22

Diisopropyl ether

Concen: 5.219 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Tgt Ion: 45 Resp: 82292

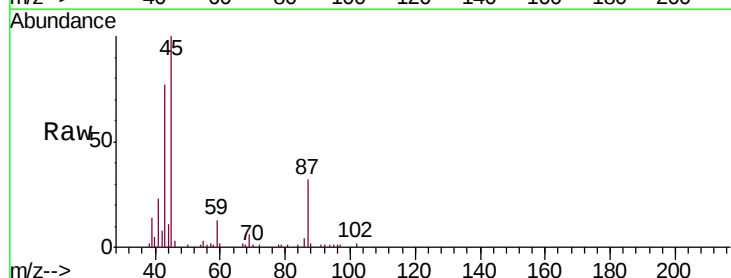
Ion Ratio Lower Upper

45 100

43 70.4 53.0 79.4

87 32.3 26.4 39.6

59 12.5 10.0 15.0

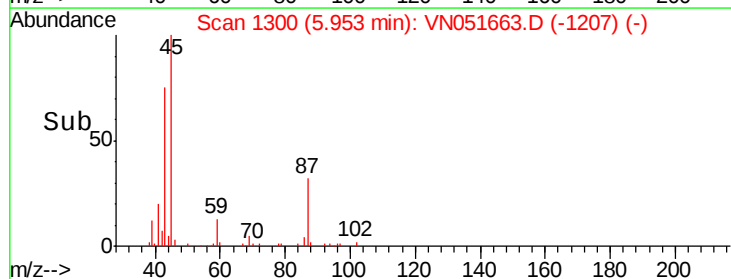
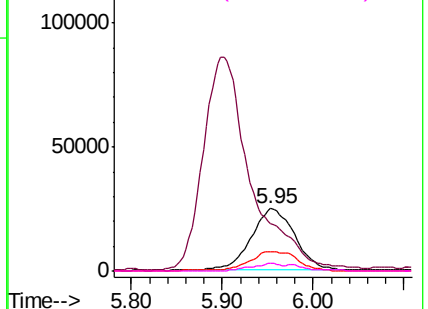


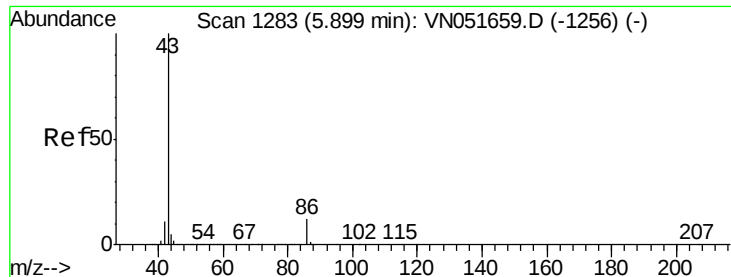
Abundance Ion 45.00 (44.70 to 45.70): VN051663.D (-1207) (-)

Ion 43.00 (42.70 to 43.70): VN051663.D (-1207) (-)

Ion 87.00 (86.70 to 87.70): VN051663.D (-1207) (-)

Ion 59.00 (58.70 to 59.70): VN051663.D (-1207) (-)

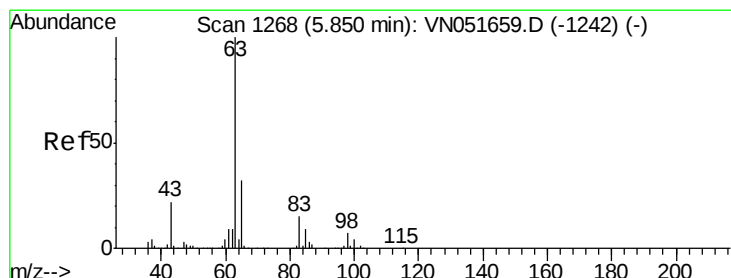
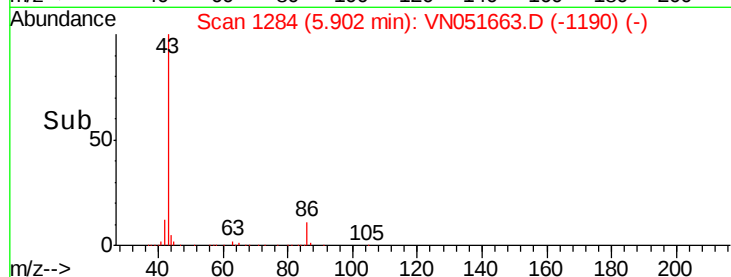
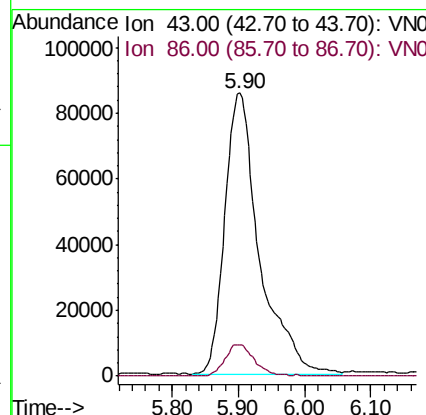
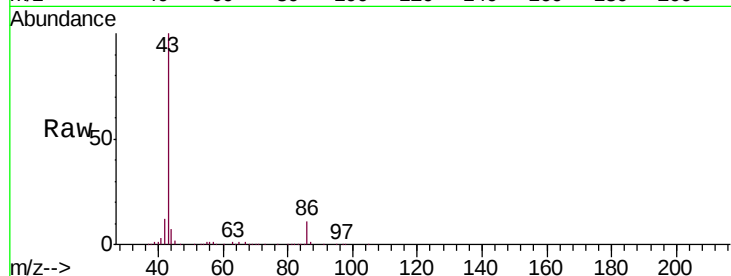




#23  
 Vinyl Acetate  
 Concen: 26.812 ug/l  
 RT: 5.90 min Scan# 1284  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

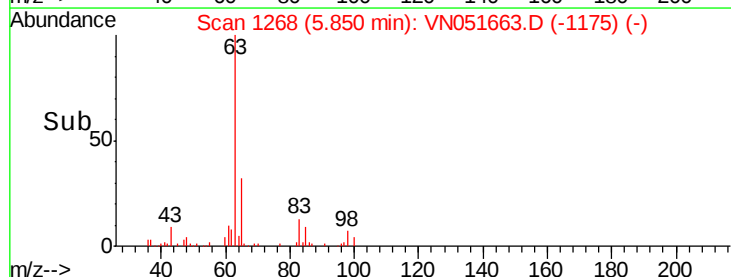
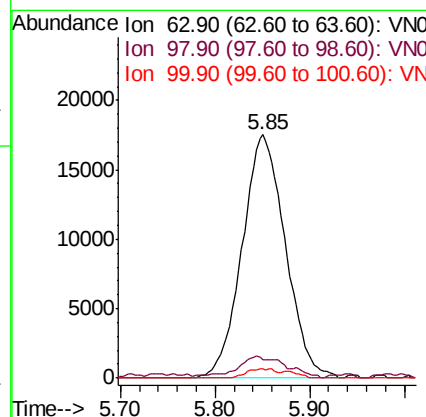
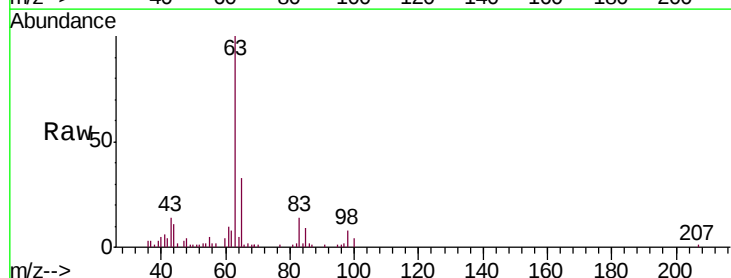
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

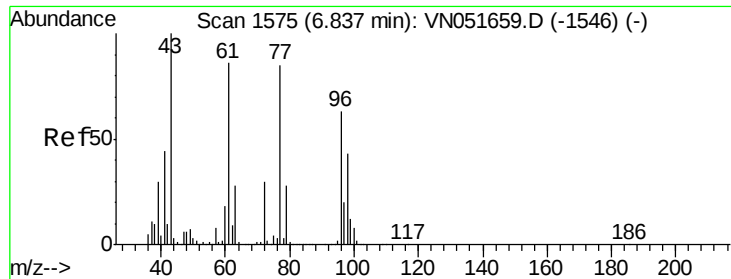
Tgt Ion: 43 Resp: 310864  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 9.3 13.9



#24  
 1,1-Dichloroethane  
 Concen: 5.477 ug/l  
 RT: 5.85 min Scan# 1268  
 Delta R.T. -0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Tgt Ion: 63 Resp: 55548  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.3 9.9  
 100 3.9 2.2 6.6

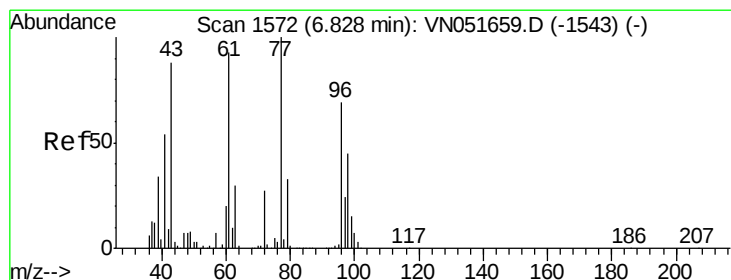
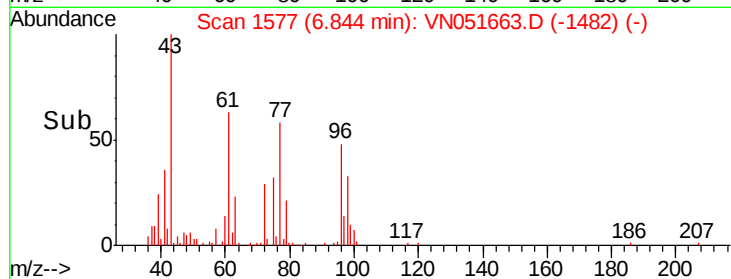
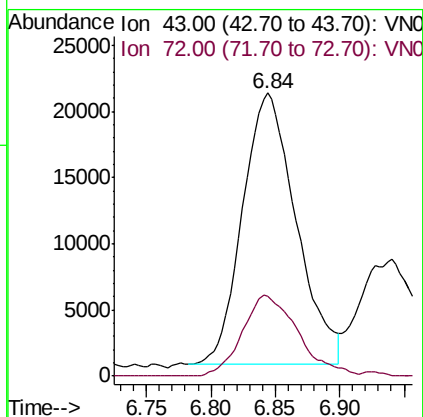
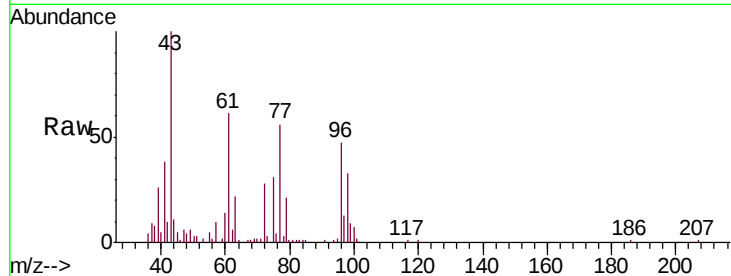




#25  
2-Butanone  
Concen: 30.025 ug/l  
RT: 6.84 min Scan# 1577  
Delta R.T. 0.01 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

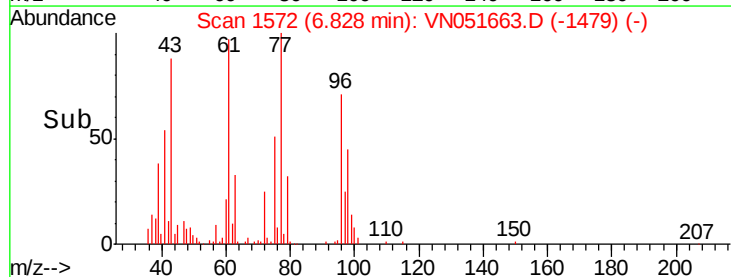
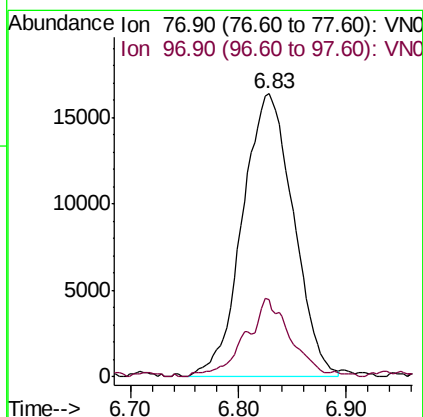
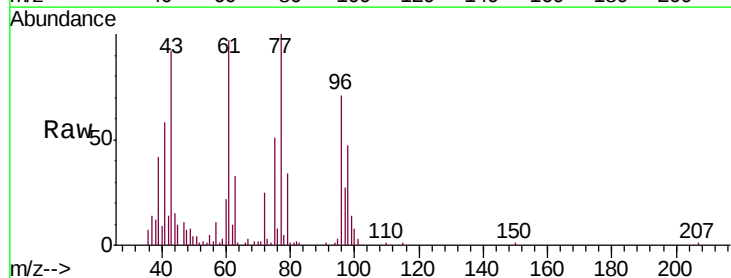
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

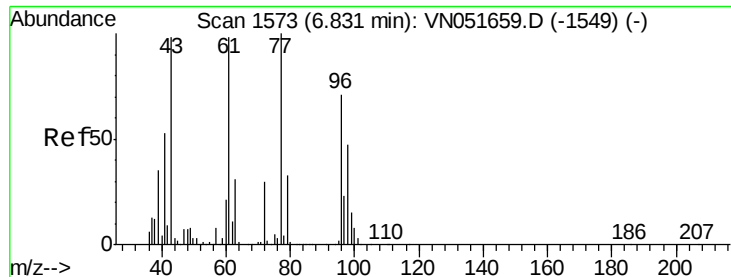
Tgt Ion: 43 Resp: 59318  
Ion Ratio Lower Upper  
43 100  
72 29.5 24.2 36.2



#26  
2,2-Dichloropropane  
Concen: 5.293 ug/l  
RT: 6.83 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion: 77 Resp: 53790  
Ion Ratio Lower Upper  
77 100  
97 24.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 5.466 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

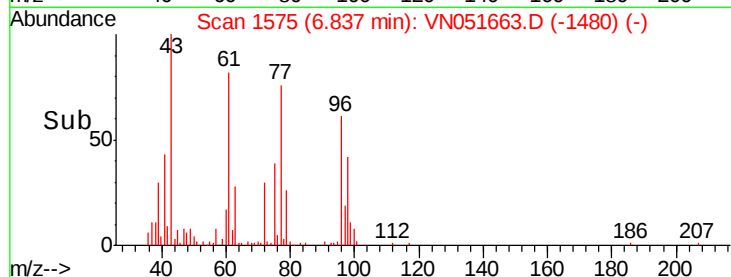
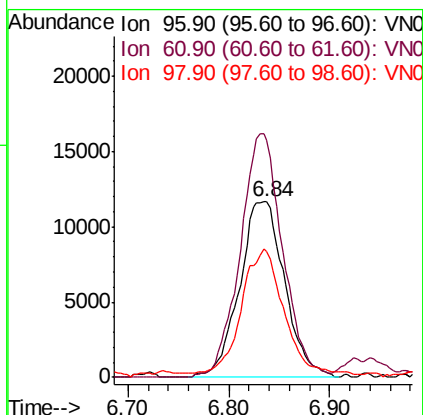
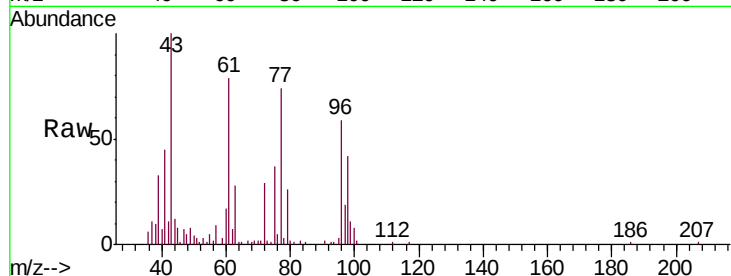
Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 96 Resp: 36268

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 129.9 | 0.0   | 275.4 |
| 98  | 66.6  | 0.0   | 129.6 |



#28

Bromochloromethane

Concen: 5.452 ug/l

RT: 7.19 min Scan# 1686

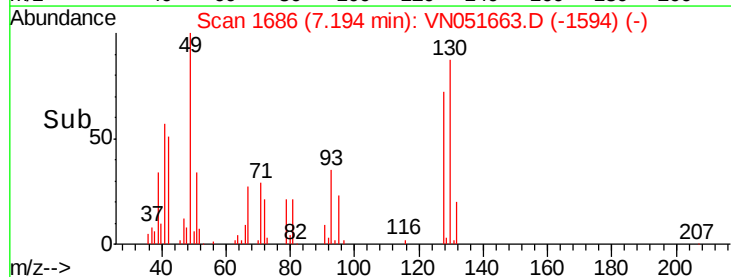
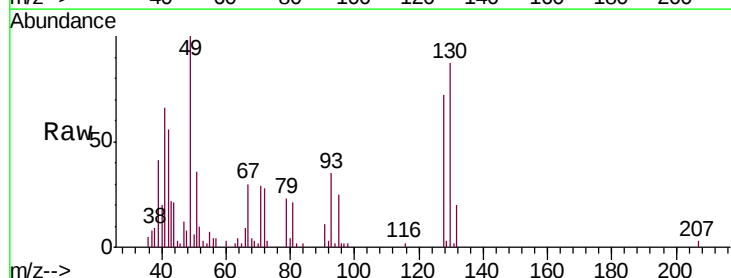
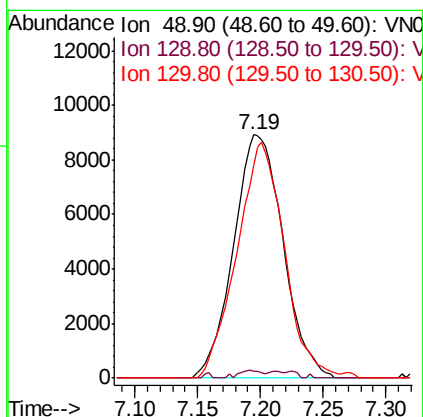
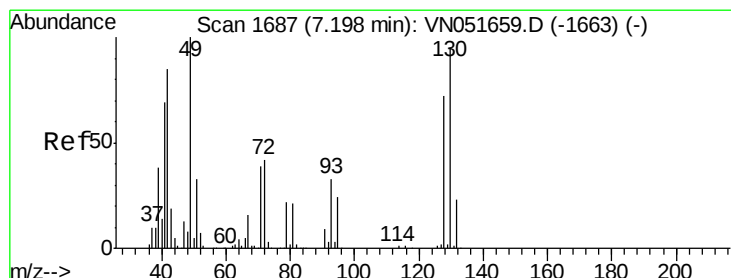
Delta R.T. -0.00 min

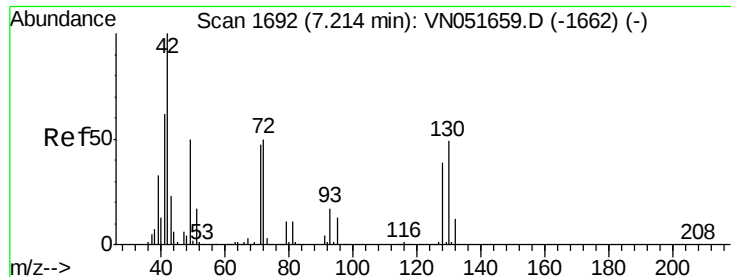
Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Tgt Ion: 49 Resp: 24478

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 49  | 100   |       |        |
| 129 | 1.5   | 0.0   | 4.8    |
| 130 | 0.0   | 75.7  | 113.5# |





#29

Tetrahydrofuran

Concen: 26.260 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

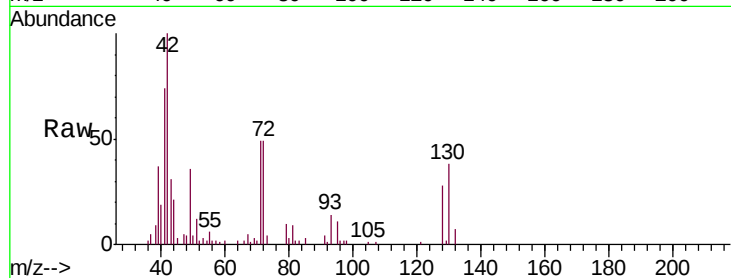
Tgt Ion: 42 Resp: 31836

Ion Ratio Lower Upper

42 100

72 53.6 40.1 60.1

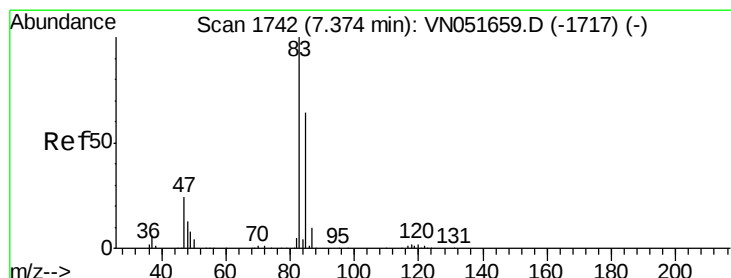
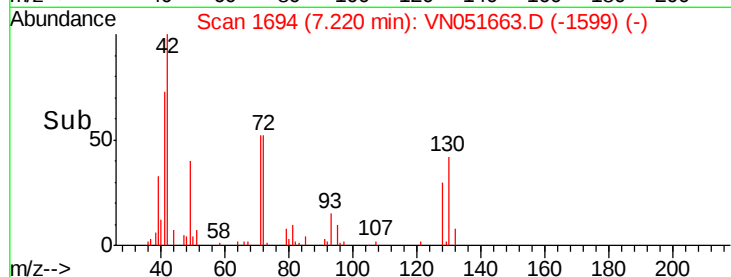
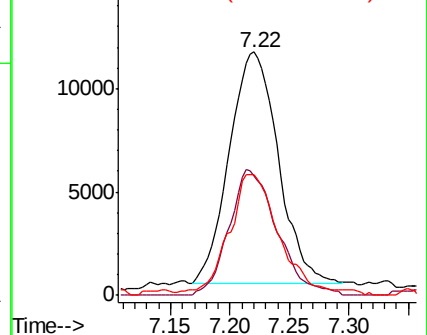
71 49.4 38.0 57.0



Abundance Ion 42.00 (41.70 to 42.70): VN051663.D (-1599) (-)

Ion 72.00 (71.70 to 72.70): VN051663.D (-1599) (-)

Ion 71.00 (70.70 to 71.70): VN051663.D (-1599) (-)



#30

Chloroform

Concen: 5.027 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VN051663.D

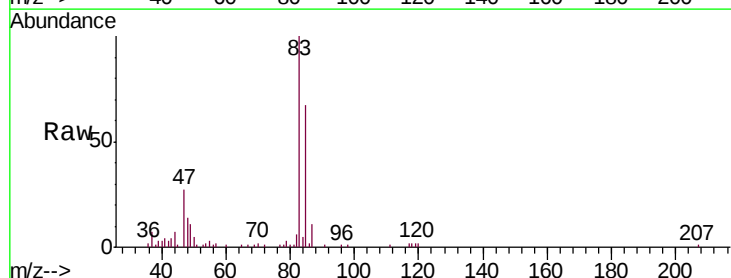
Acq: 4 Oct 2018 13:19

Tgt Ion: 83 Resp: 57280

Ion Ratio Lower Upper

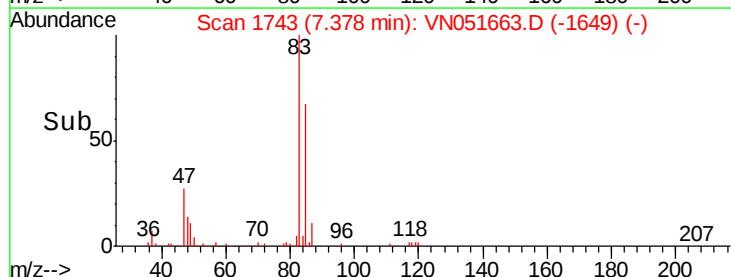
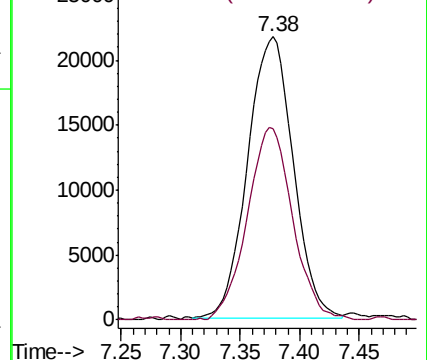
83 100

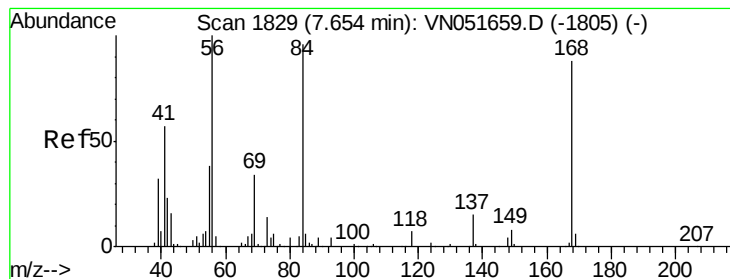
85 68.0 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VN051663.D (-1649) (-)

Ion 84.90 (84.60 to 85.60): VN051663.D (-1649) (-)





#31

Cyclohexane

Concen: 5.796 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

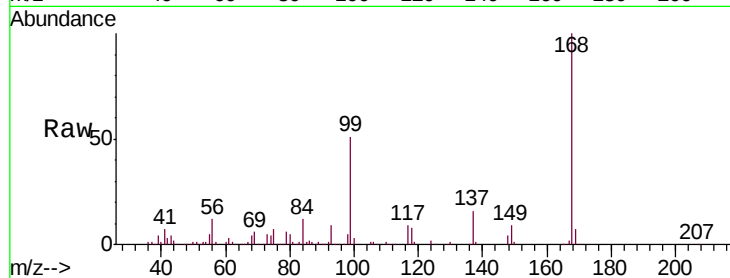
Tgt Ion: 56 Resp: 53834

Ion Ratio Lower Upper

56 100

69 49.6 27.5 41.3#

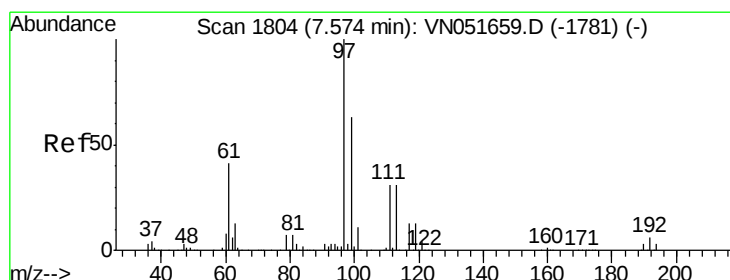
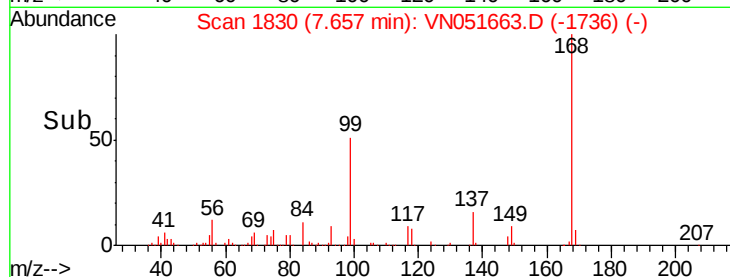
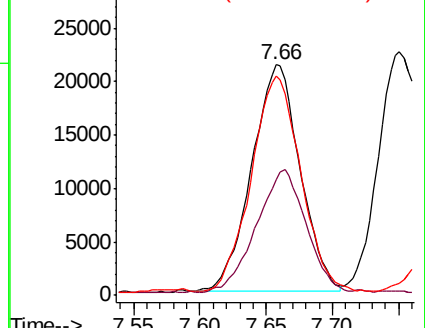
84 94.5 76.7 115.1



Abundance Ion 56.00 (55.70 to 56.70): VN051659.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN051659.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN051659.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 5.125 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

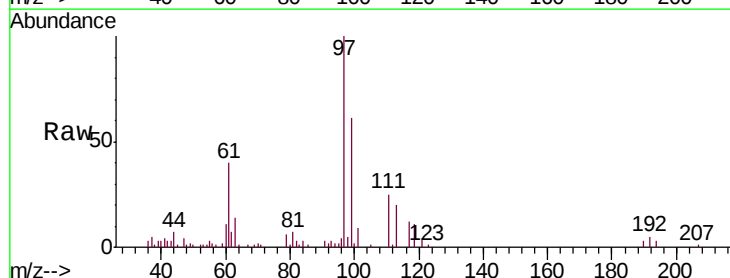
Tgt Ion: 97 Resp: 56596

Ion Ratio Lower Upper

97 100

99 61.3 51.9 77.9

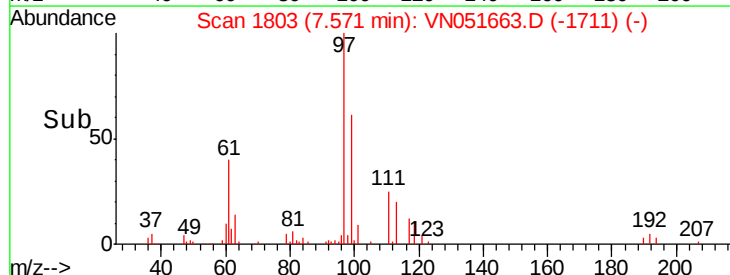
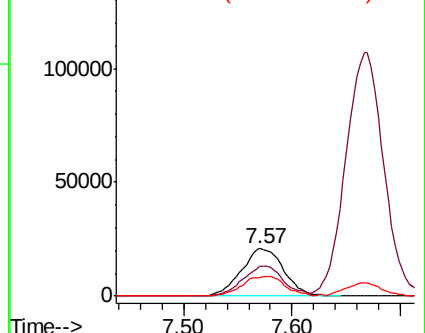
61 42.1 33.4 50.0

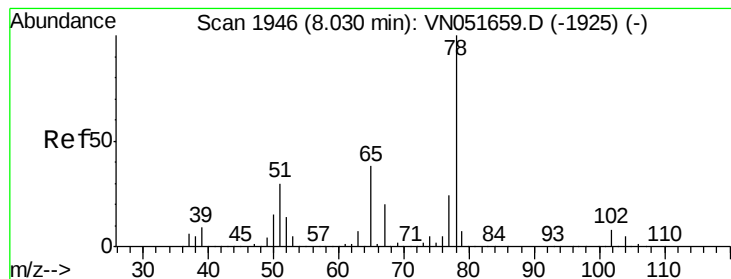


Abundance Ion 96.90 (96.60 to 97.60): VN051659.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN051659.D (-1781) (-)

Ion 60.90 (60.60 to 61.60): VN051659.D (-1781) (-)





#33

1,2-Dichloroethane-d4

Concen: 5.125 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

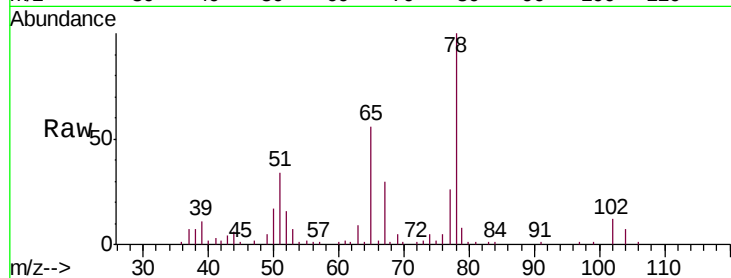
VSTDIC005

Tgt Ion: 65 Resp: 38021

Ion Ratio Lower Upper

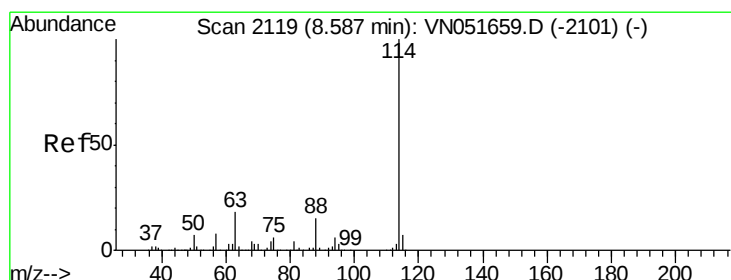
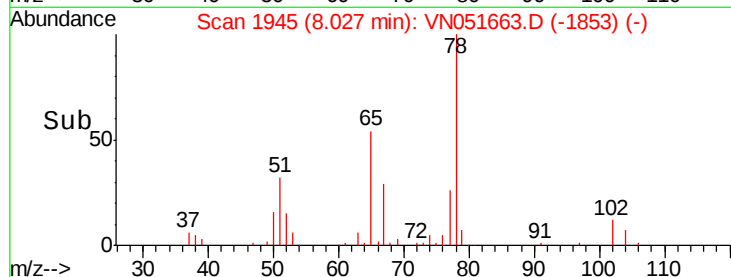
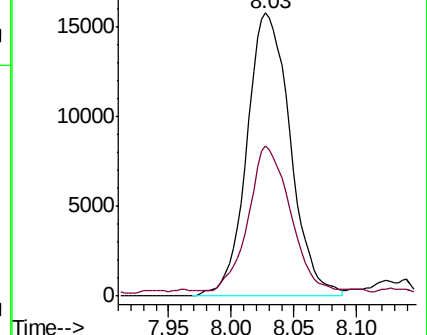
65 100

67 48.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051659.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN051659.D (-1925) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

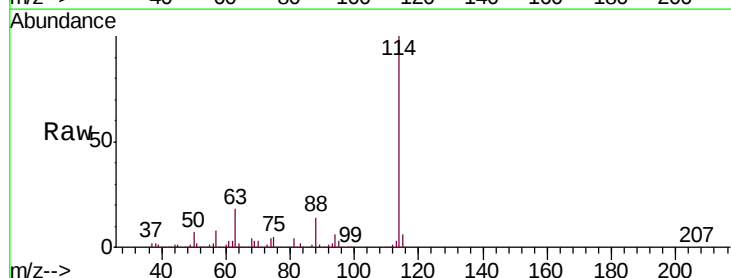
Tgt Ion: 114 Resp: 793781

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.2

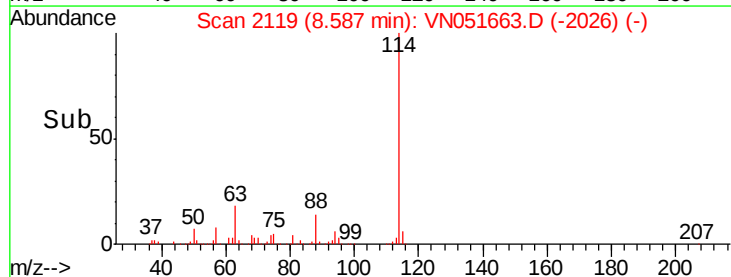
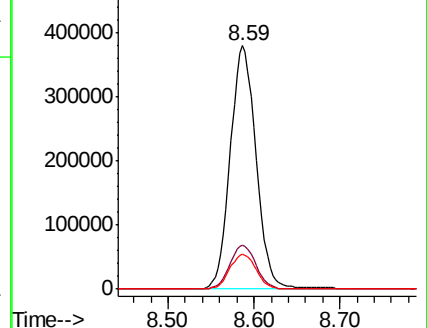
88 14.2 0.0 30.2

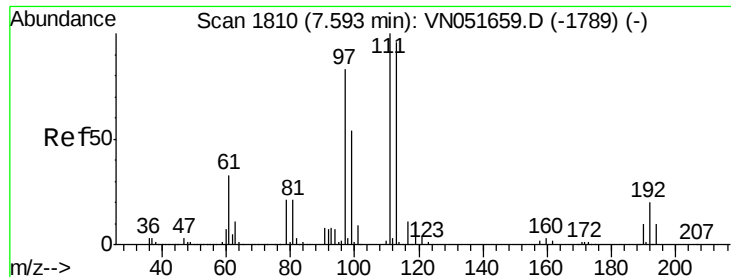


Abundance Ion 113.90 (113.60 to 114.60): VN051659.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN051659.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN051659.D (-2101) (-)

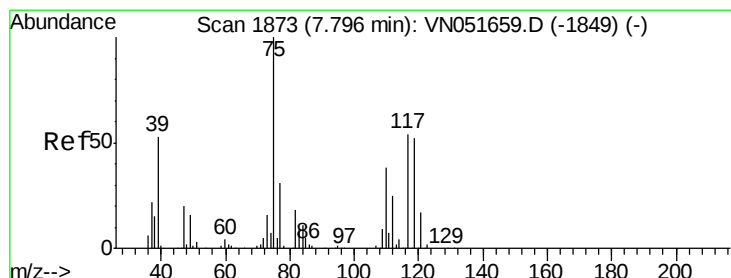
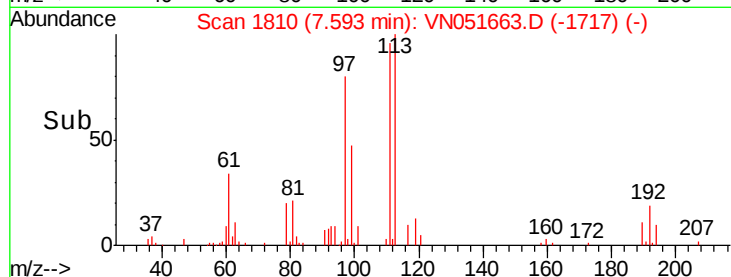
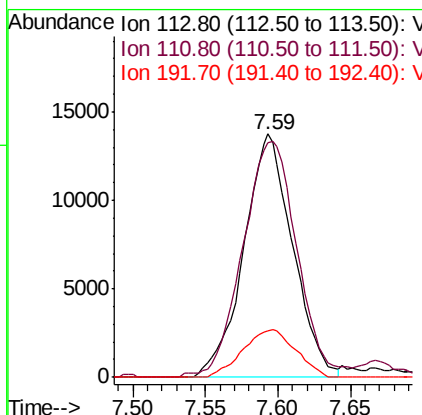
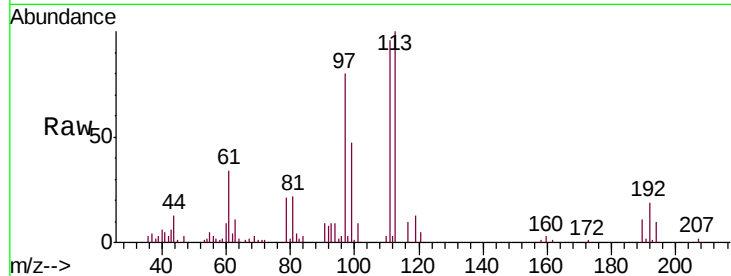




#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

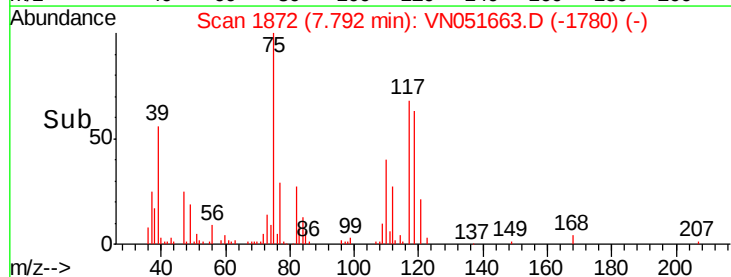
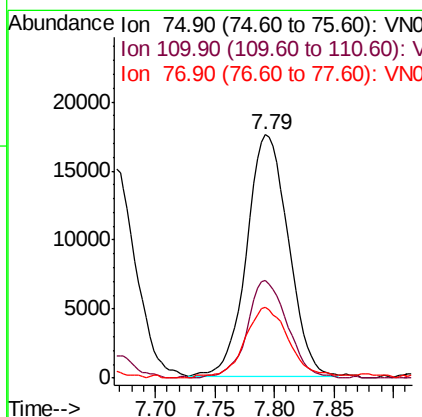
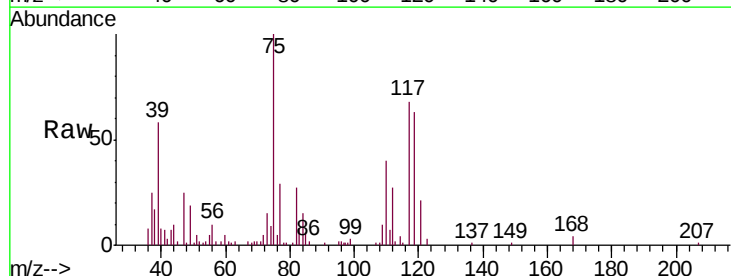
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

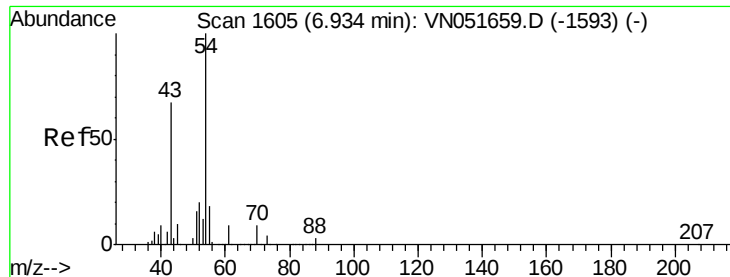
Tgt Ion:113 Resp: 32227  
 Ion Ratio Lower Upper  
 113 100  
 111 107.7 81.8 122.8  
 192 21.1 16.5 24.7



#36  
 1,1-Dichloropropene  
 Concen: 5.108 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. -0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Tgt Ion: 75 Resp: 42379  
 Ion Ratio Lower Upper  
 75 100  
 110 39.1 19.3 57.8  
 77 31.4 24.7 37.1

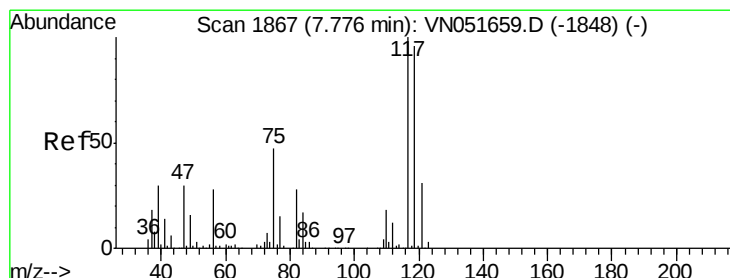
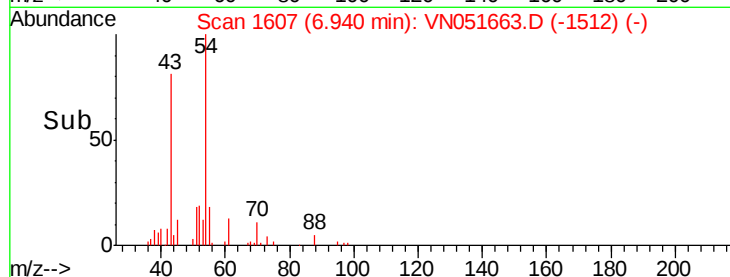
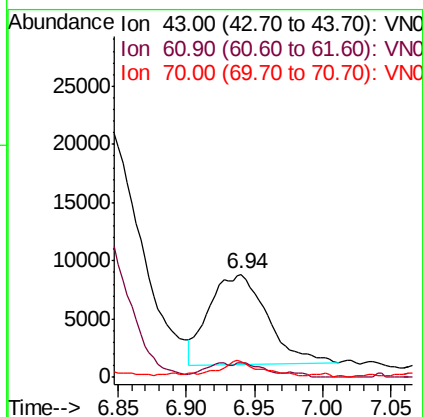
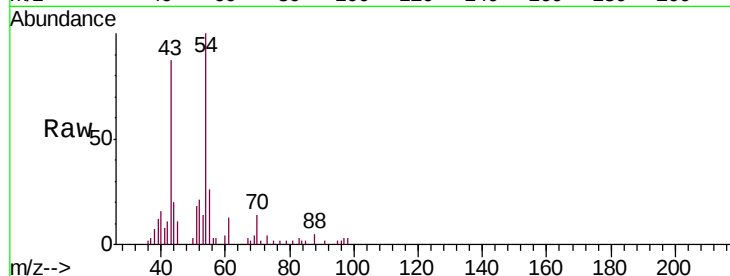




#37  
Ethyl Acetate  
Concen: 5.302 ug/l  
RT: 6.94 min Scan# 1607  
Delta R.T. 0.01 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

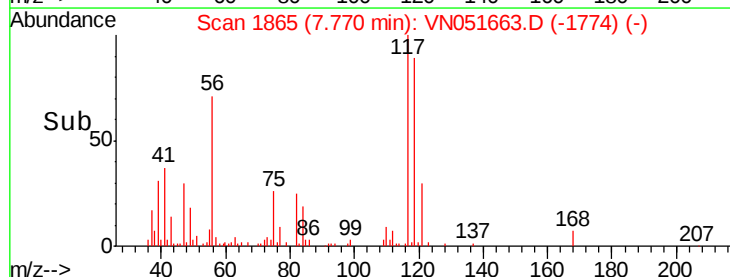
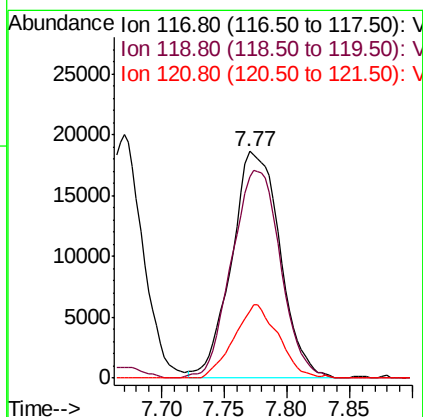
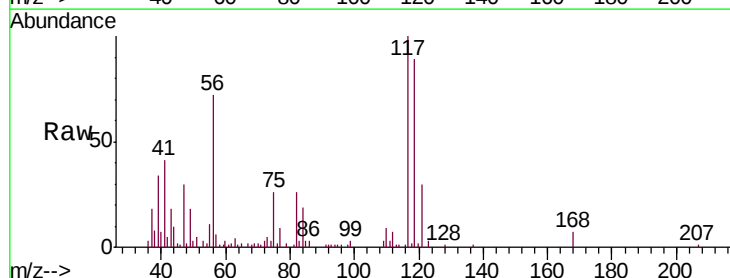
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

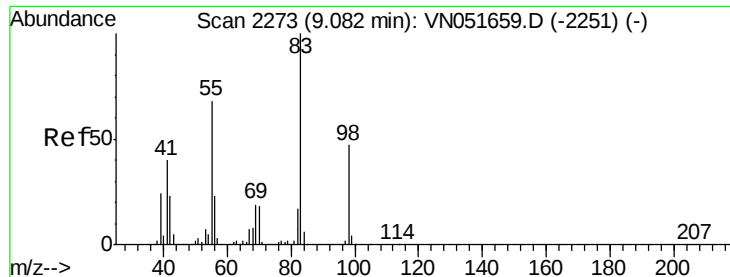
Tgt Ion: 43 Resp: 22945  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.8 17.6#  
70 10.7 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 5.016 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. -0.01 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion: 117 Resp: 49934  
Ion Ratio Lower Upper  
117 100  
119 89.0 77.0 115.6  
121 29.7 25.0 37.6

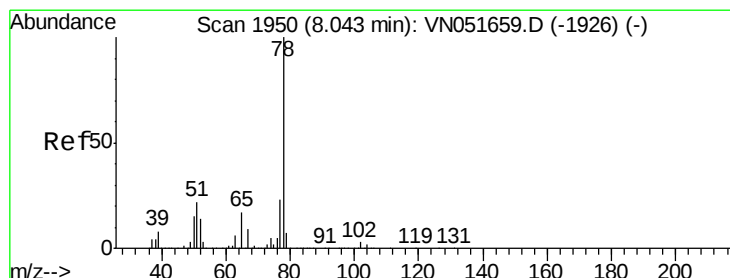
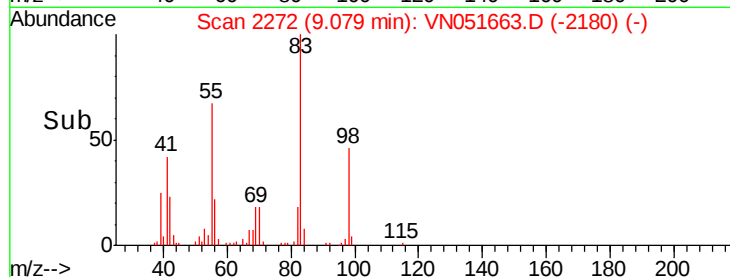
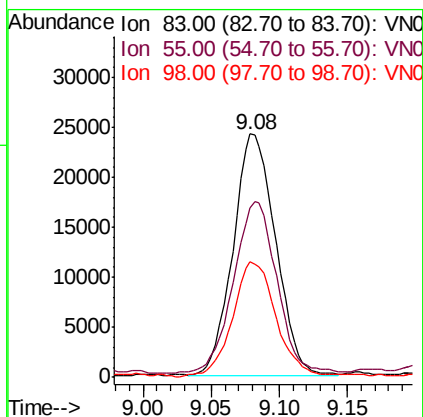
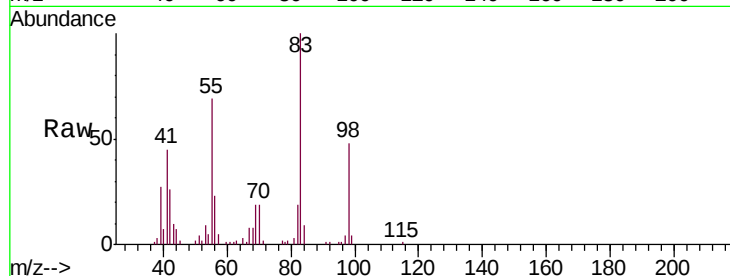




#39  
Methylcyclohexane  
Concen: 4.998 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

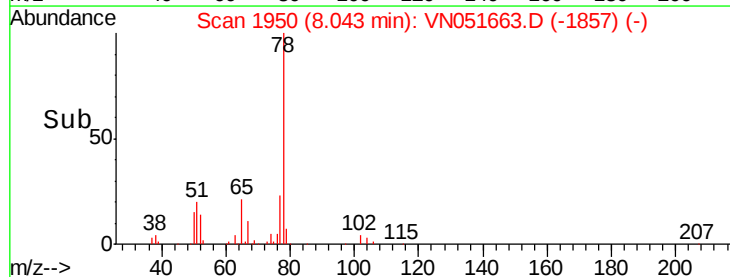
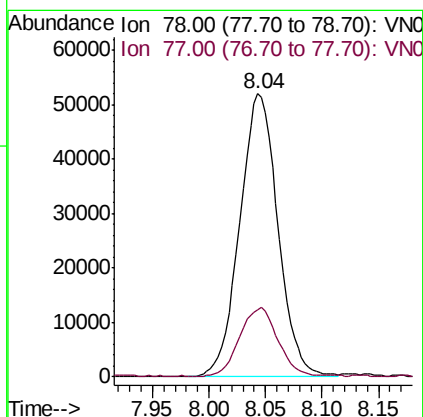
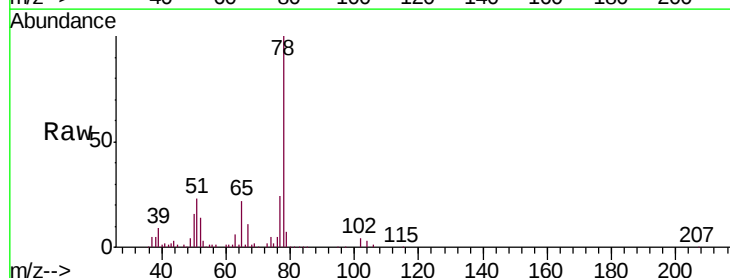
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

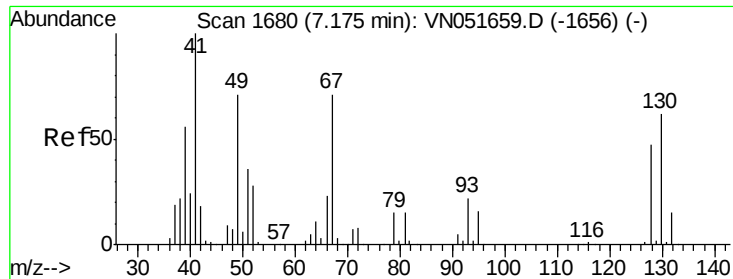
Tgt Ion: 83 Resp: 52051  
Ion Ratio Lower Upper  
83 100  
55 67.5 54.3 81.5  
98 46.9 37.4 56.2



#40  
Benzene  
Concen: 4.974 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion: 78 Resp: 122329  
Ion Ratio Lower Upper  
78 100  
77 23.8 18.5 27.7

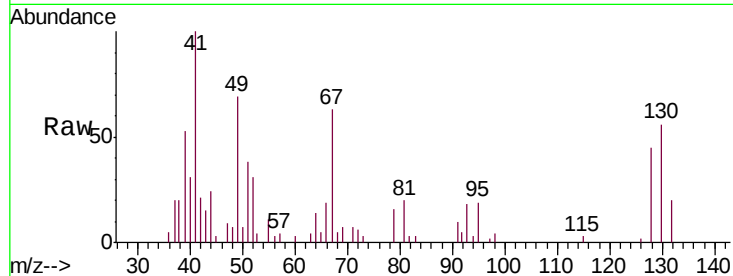




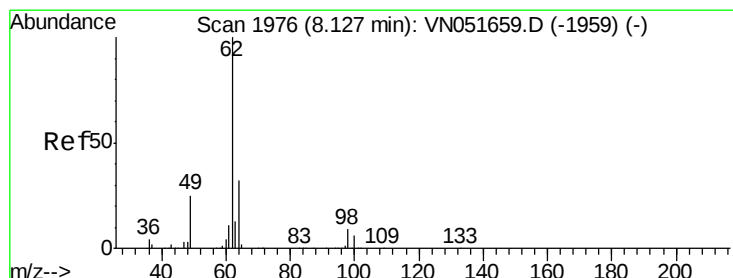
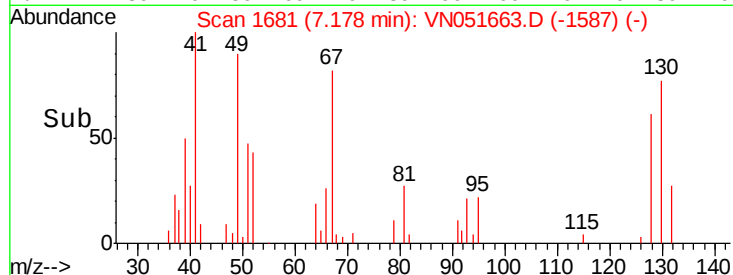
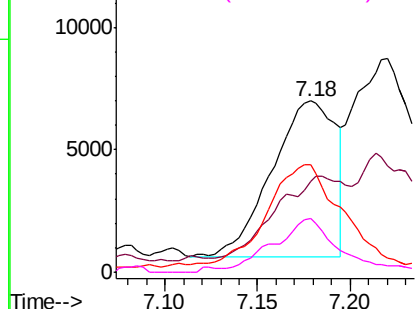
#41  
Methacrylonitrile  
Concen: 6.386 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

Tgt Ion: 41 Resp: 15174  
Ion Ratio Lower Upper  
41 100  
39 59.4 53.9 80.9  
67 75.1 78.1 117.1#  
52 32.2 32.3 48.5#

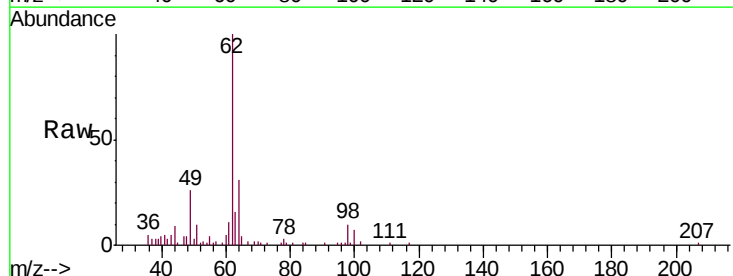


Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 67.00 (66.70 to 67.70): VNO  
Ion 52.00 (51.70 to 52.70): VNO

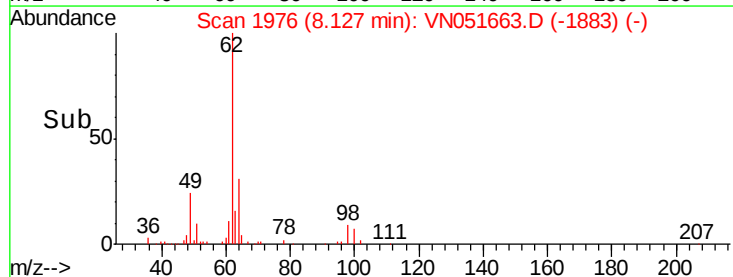
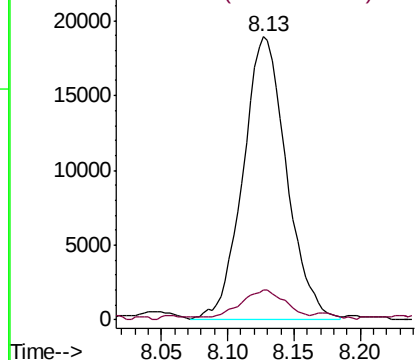


#42  
1,2-Dichloroethane  
Concen: 5.221 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion: 62 Resp: 43280  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 18.4



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

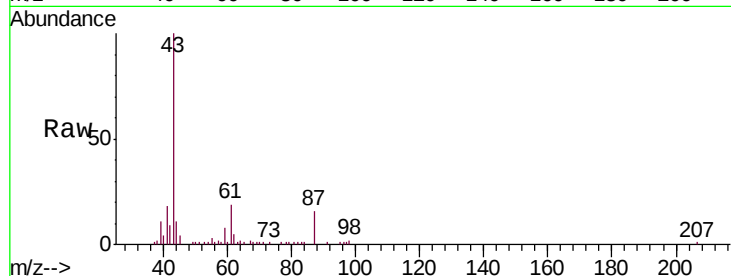




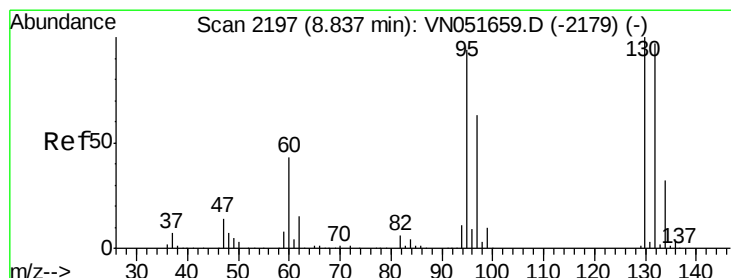
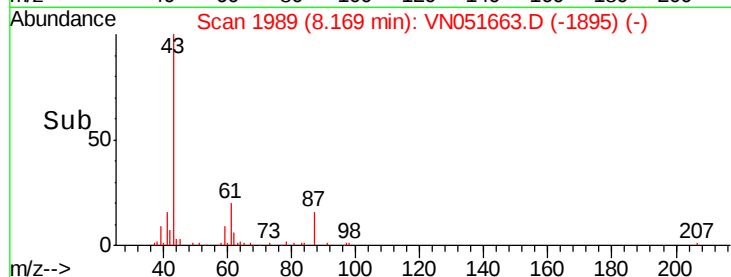
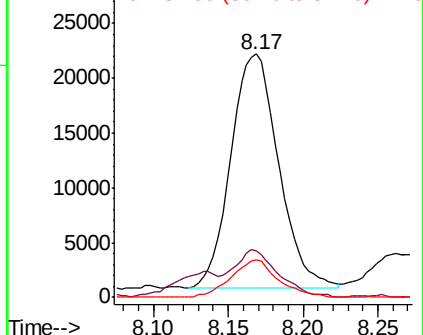
#43  
Isopropyl Acetate  
Concen: 5.303 ug/l  
RT: 8.17 min Scan# 1989  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 43 Resp: 47846  
Ion Ratio Lower Upper  
43 100  
61 18.4 15.8 23.6  
87 15.6 12.6 19.0

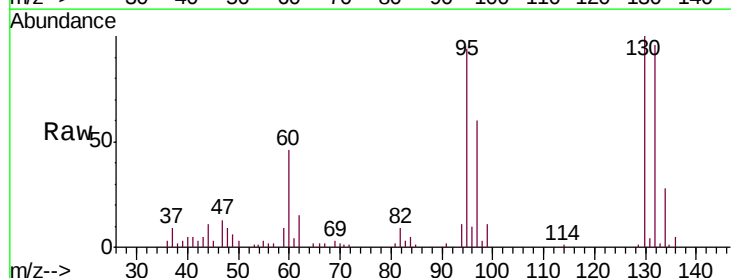


Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1970) (-)  
Ion 61.00 (60.70 to 61.70): VN051659.D (-1970) (-)  
Ion 87.00 (86.70 to 87.70): VN051659.D (-1970) (-)

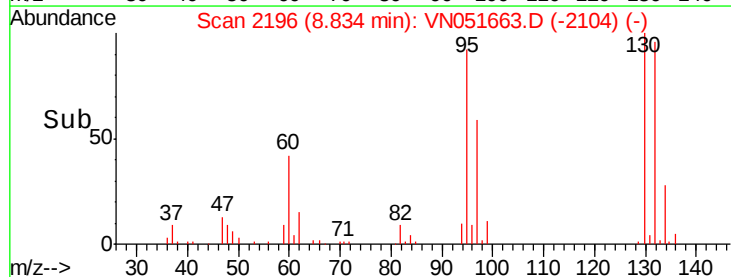
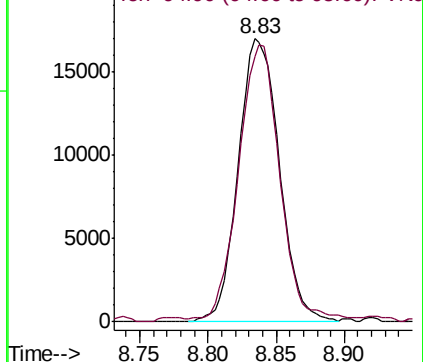


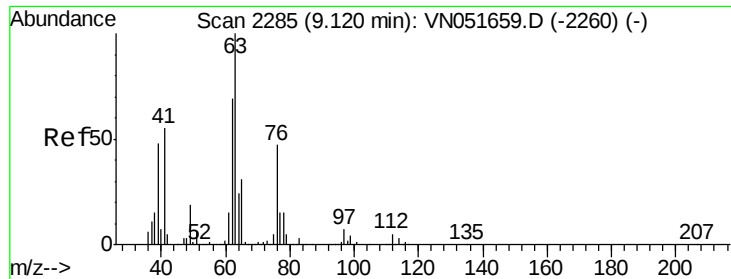
#44  
Trichloroethene  
Concen: 5.085 ug/l  
RT: 8.83 min Scan# 2196  
Delta R.T. -0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion: 130 Resp: 35516  
Ion Ratio Lower Upper  
130 100  
95 92.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN051659.D (-2179) (-)  
Ion 94.90 (94.60 to 95.60): VN051659.D (-2179) (-)

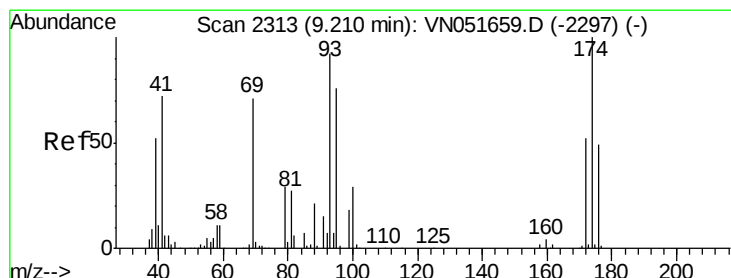
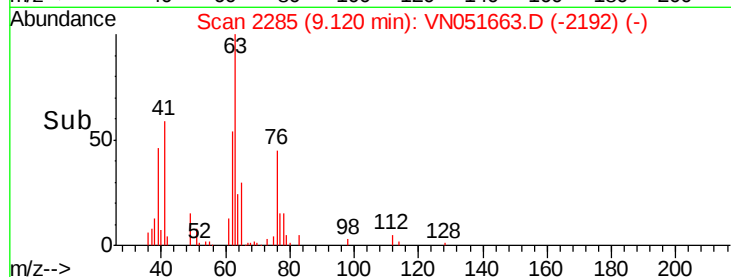
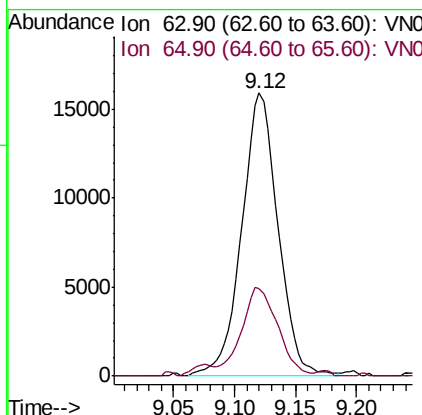
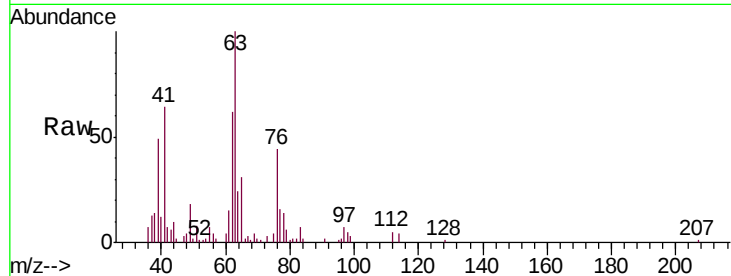




#45  
 1,2-Dichloropropane  
 Concen: 5.377 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. -0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

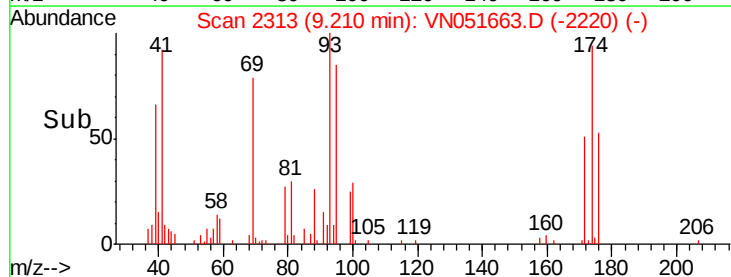
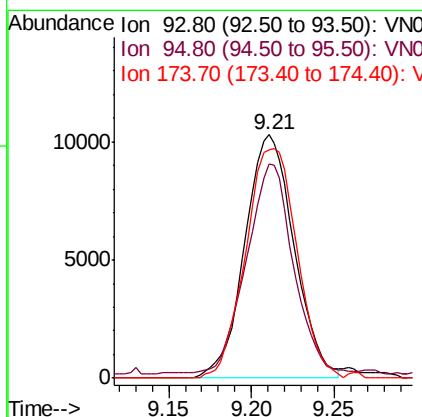
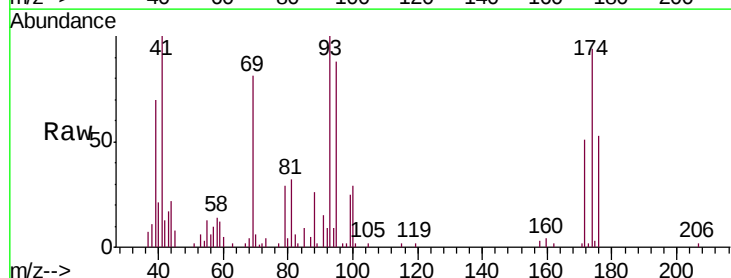
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

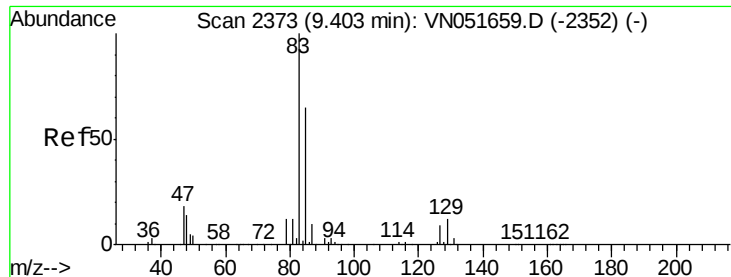
Tgt Ion: 63 Resp: 32701  
 Ion Ratio Lower Upper  
 63 100  
 65 30.8 25.0 37.4



#46  
 Dibromomethane  
 Concen: 5.037 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Tgt Ion: 93 Resp: 21291  
 Ion Ratio Lower Upper  
 93 100  
 95 79.9 66.6 100.0  
 174 98.2 85.9 128.9

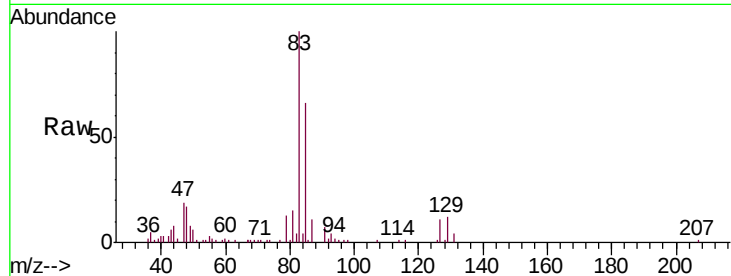




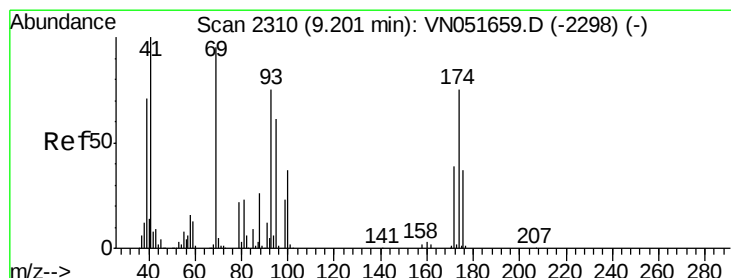
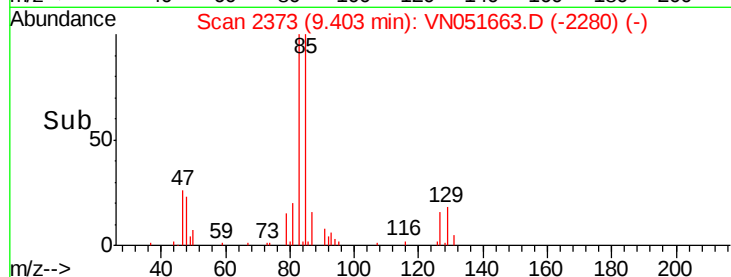
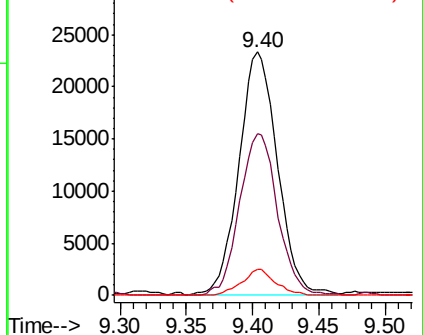
#47  
Bromodichloromethane  
Concen: 5.097 ug/l  
RT: 9.40 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 83 Resp: 47428  
Ion Ratio Lower Upper  
83 100  
85 66.3 51.6 77.4  
127 10.7 7.3 10.9

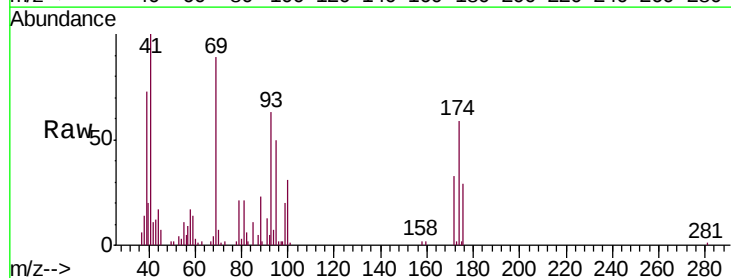


Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): VN0

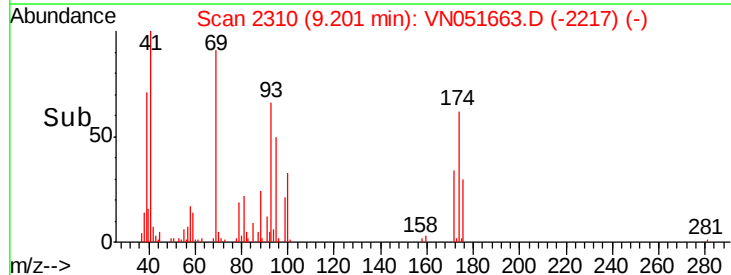
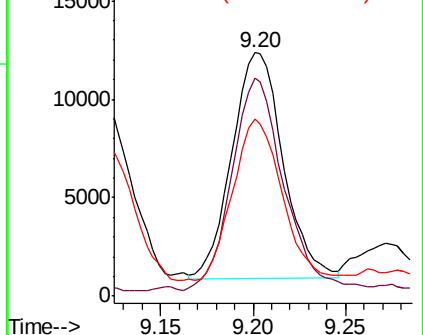


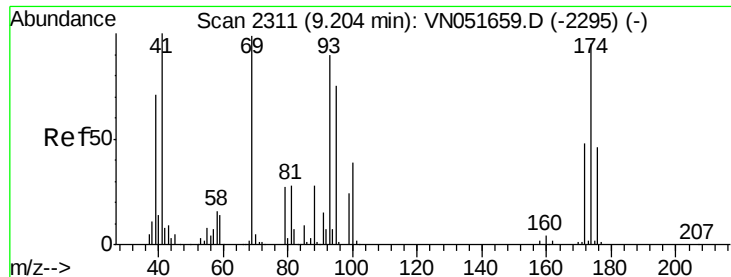
#48  
Methyl methacrylate  
Concen: 5.365 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. -0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion: 41 Resp: 22117  
Ion Ratio Lower Upper  
41 100  
69 94.9 78.6 118.0  
39 68.4 59.2 88.8



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

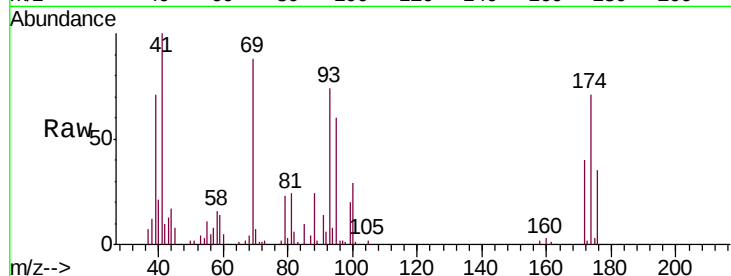




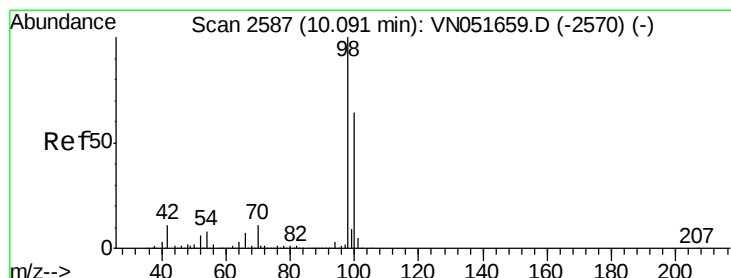
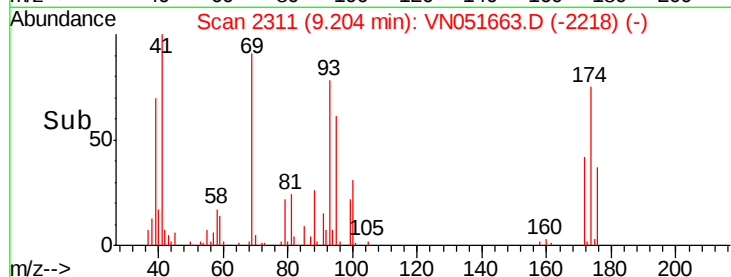
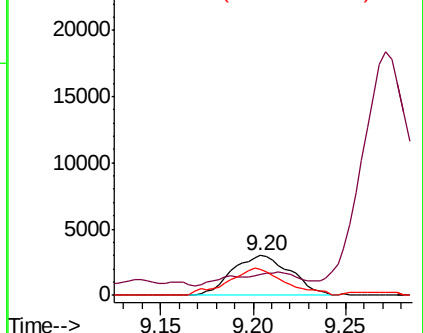
#49  
1,4-Dioxane  
Concen: 106.314 ug/l  
RT: 9.20 min Scan# 2311  
Delta R.T. -0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 88 Resp: 6572  
Ion Ratio Lower Upper  
88 100  
43 17.9 24.5 36.7#  
58 64.9 47.6 71.4

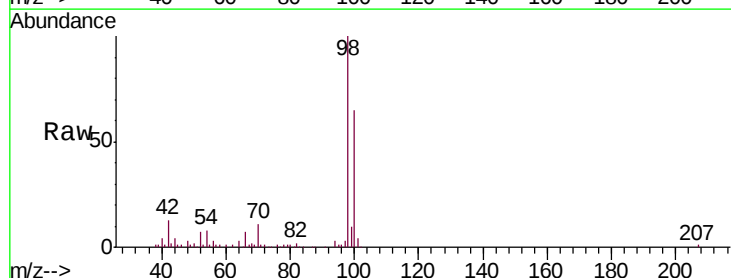


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

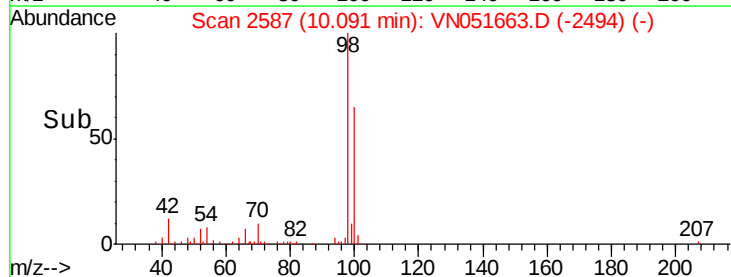
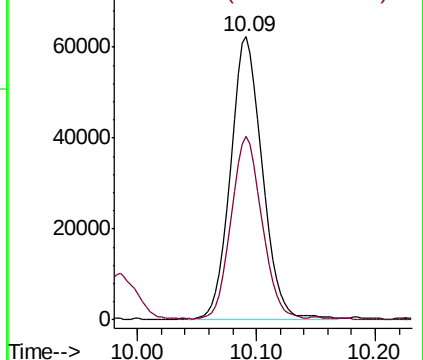


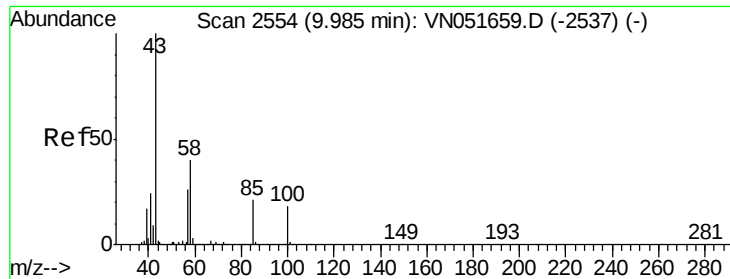
#50  
Toluene-d8  
Concen: 106.314 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion: 98 Resp: 114186  
Ion Ratio Lower Upper  
98 100  
100 63.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0

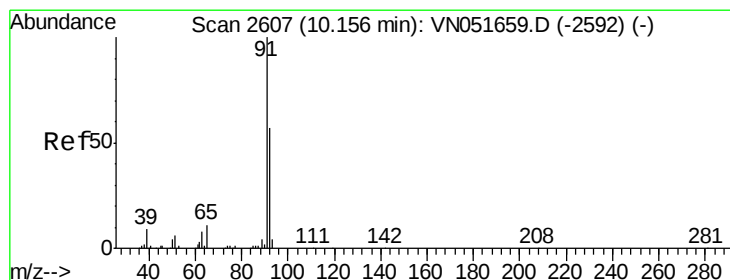
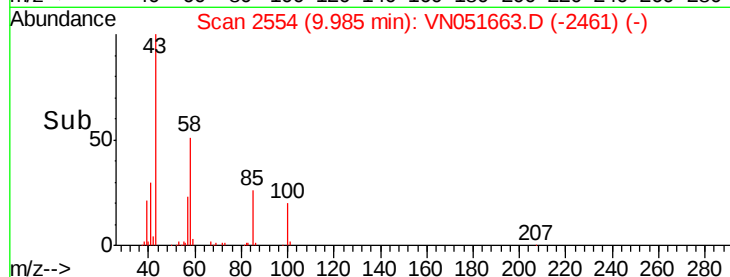
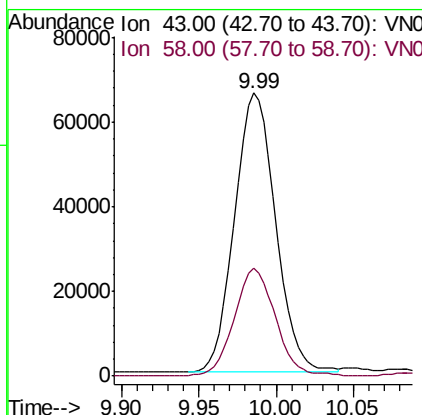
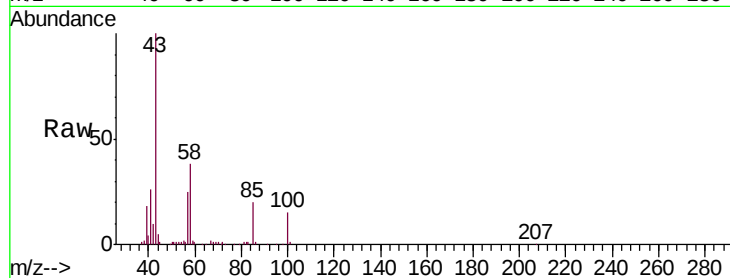




#51  
 4-Methyl-2-Pentanone  
 Concen: 26.664 ug/l  
 RT: 9.99 min Scan# 2554  
 Delta R.T. -0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

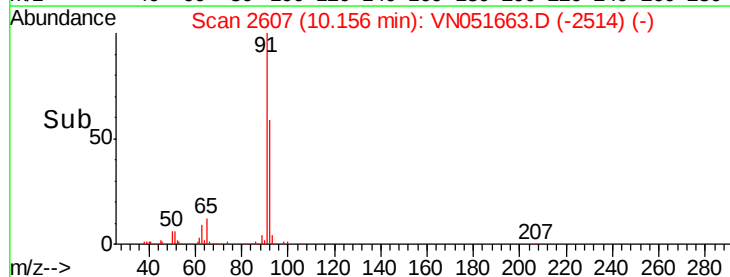
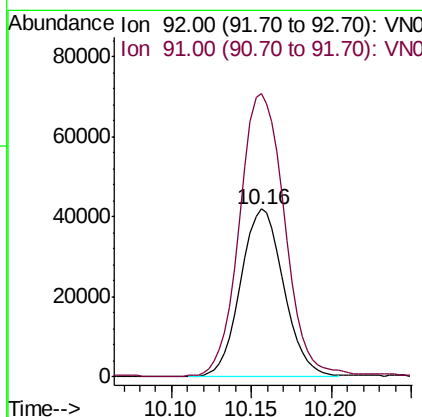
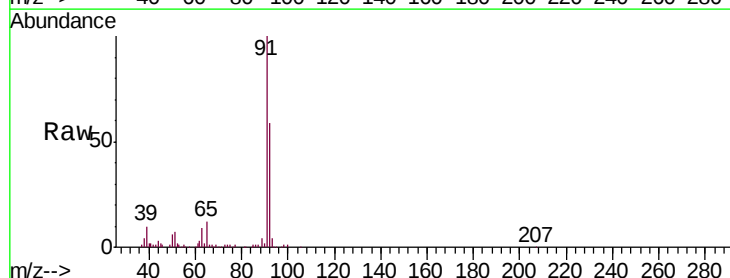
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

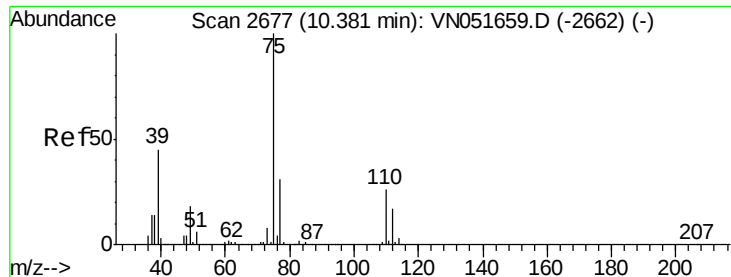
Tgt Ion: 43 Resp: 121899  
 Ion Ratio Lower Upper  
 43 100  
 58 38.9 32.2 48.2



#52  
 Toluene  
 Concen: 4.739 ug/l  
 RT: 10.16 min Scan# 2607  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Tgt Ion: 92 Resp: 77532  
 Ion Ratio Lower Upper  
 92 100  
 91 175.3 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 4.846 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

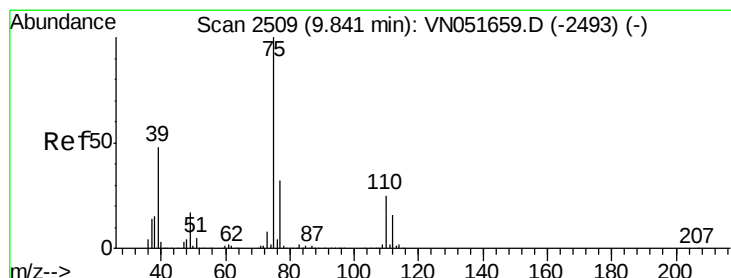
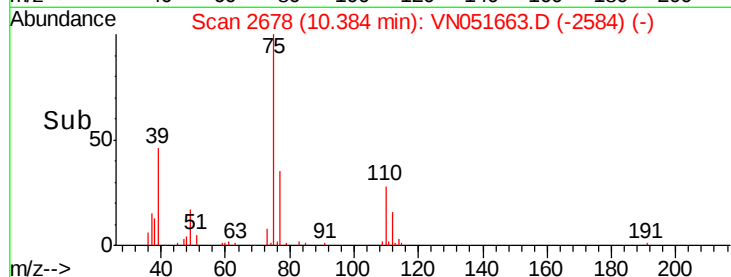
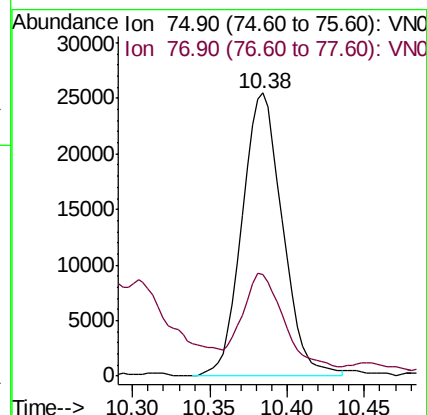
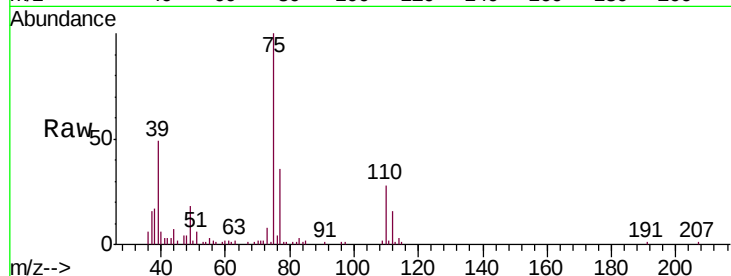
VSTDIC005

Tgt Ion: 75 Resp: 46526

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 5.020 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

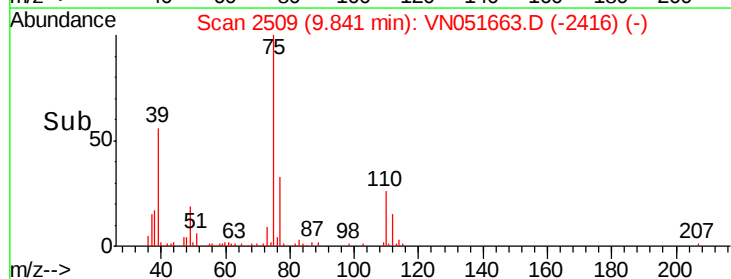
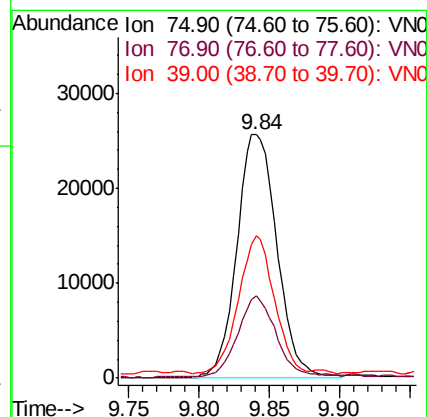
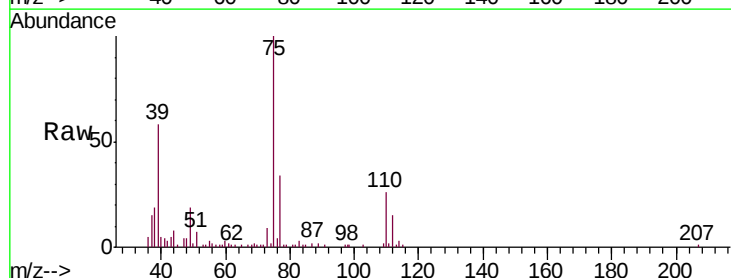
Tgt Ion: 75 Resp: 51186

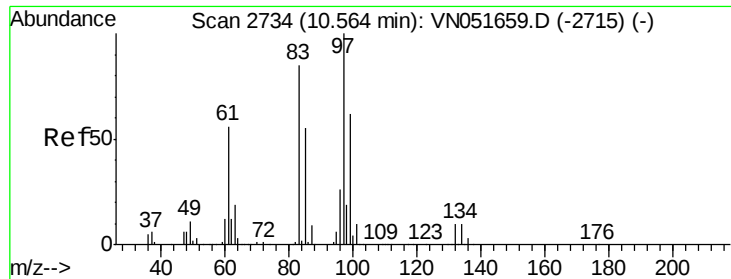
Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5

39 56.6 38.1 57.1

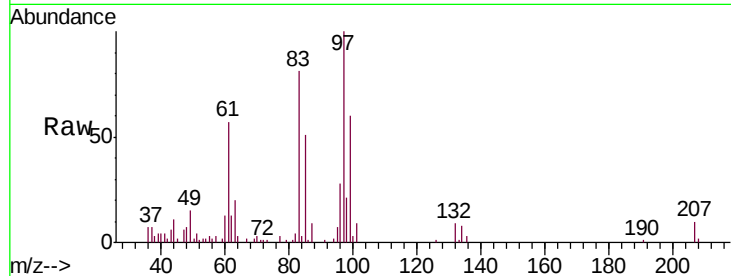




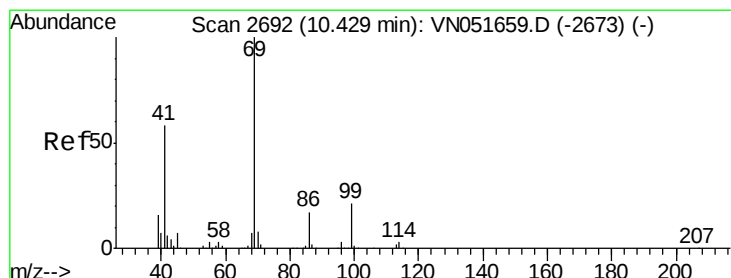
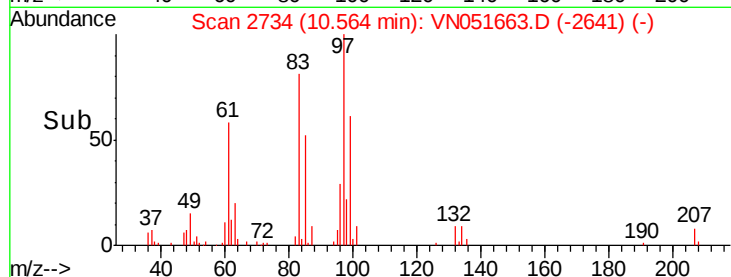
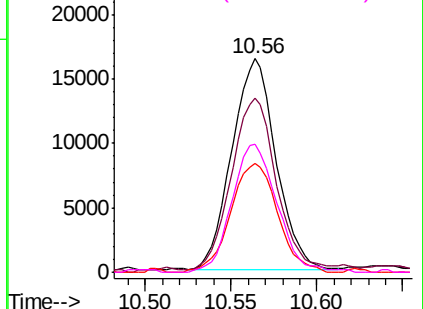
#55  
 1,1,2-Trichloroethane  
 Concen: 5.022 ug/l  
 RT: 10.56 min Scan# 2734  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion: 97 Resp: 29269  
 Ion Ratio Lower Upper  
 97 100  
 83 80.9 68.1 102.1  
 85 51.8 43.6 65.4  
 99 60.8 49.4 74.0

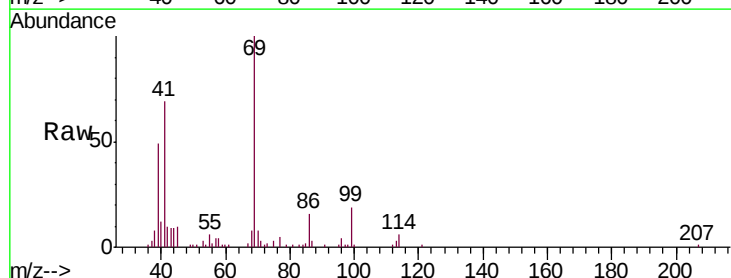


Abundance Ion 96.90 (96.60 to 97.60): VNO  
 Ion 82.90 (82.60 to 83.60): VNO  
 Ion 84.90 (84.60 to 85.60): VNO  
 Ion 98.90 (98.60 to 99.60): VNO

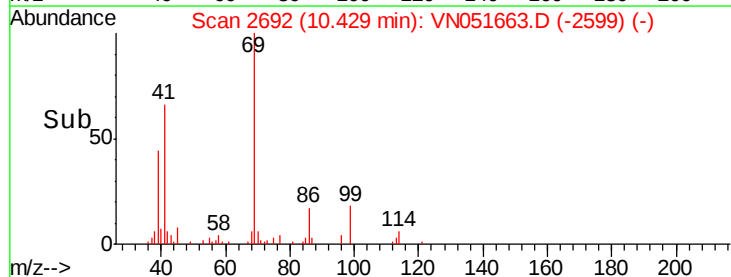
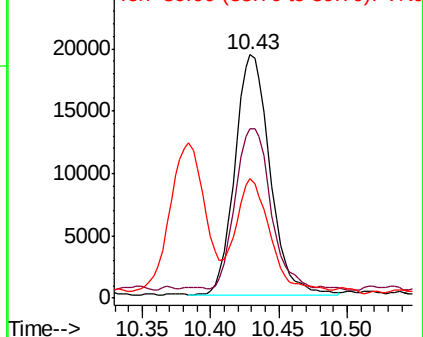


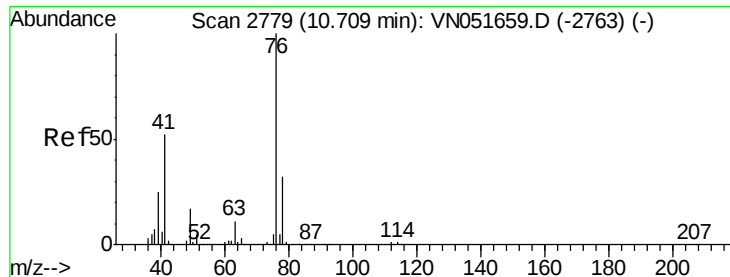
#56  
 Ethyl methacrylate  
 Concen: 4.670 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Tgt Ion: 69 Resp: 34417  
 Ion Ratio Lower Upper  
 69 100  
 41 67.1 46.4 69.6  
 39 48.2 32.4 48.6



Abundance Ion 69.00 (68.70 to 69.70): VNO  
 Ion 41.00 (40.70 to 41.70): VNO  
 Ion 39.00 (38.70 to 39.70): VNO

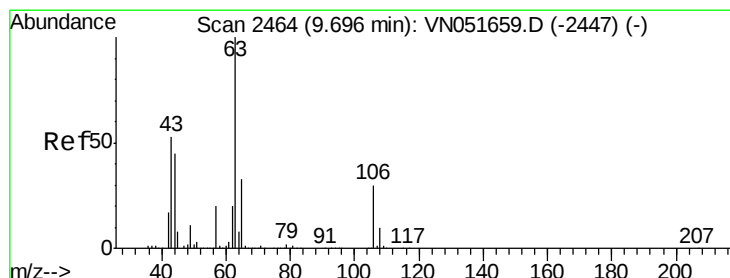
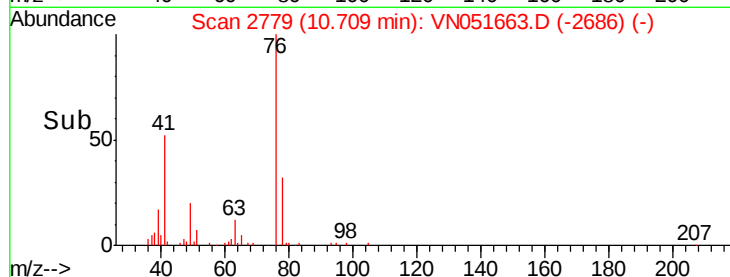
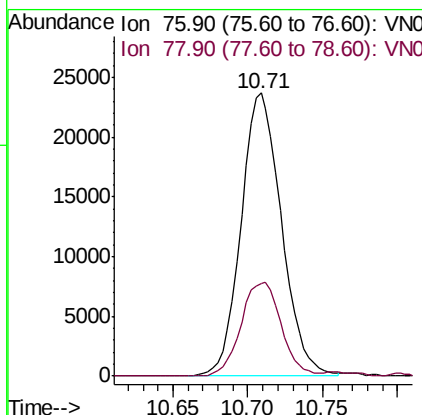
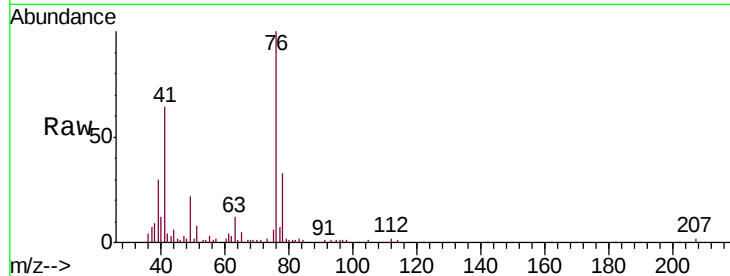




#57  
 1,3-Dichloropropane  
 Concen: 4.834 ug/l  
 RT: 10.71 min Scan# 2779  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

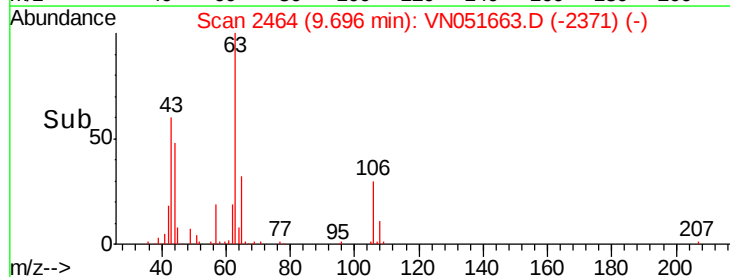
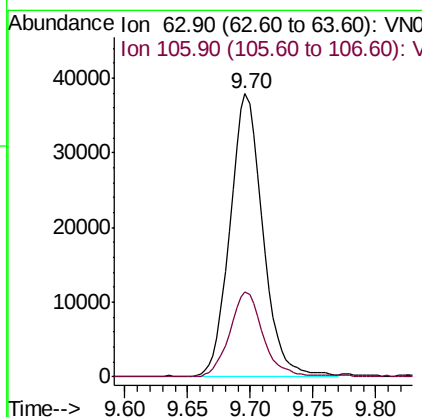
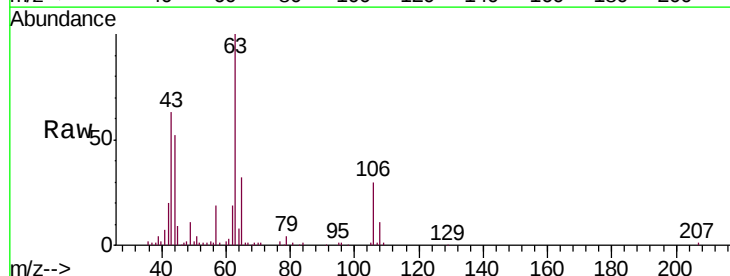
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

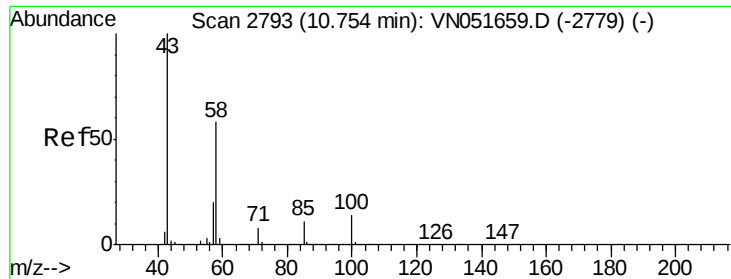
Tgt Ion: 76 Resp: 44583  
 Ion Ratio Lower Upper  
 76 100  
 78 32.9 26.0 39.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 22.681 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Tgt Ion: 63 Resp: 69179  
 Ion Ratio Lower Upper  
 63 100  
 106 30.7 24.3 36.5

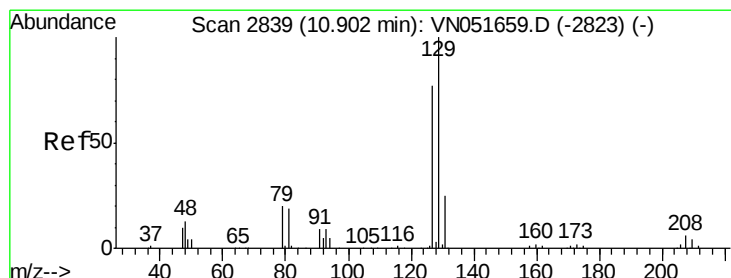
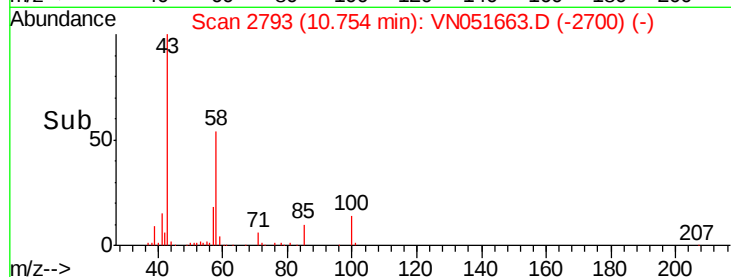
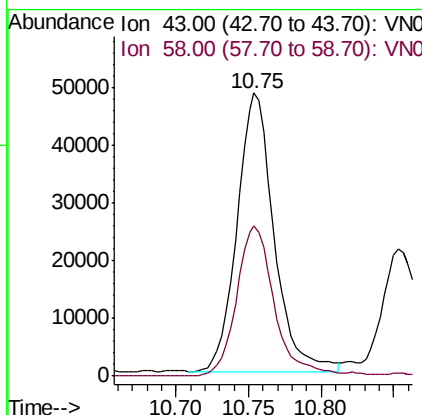
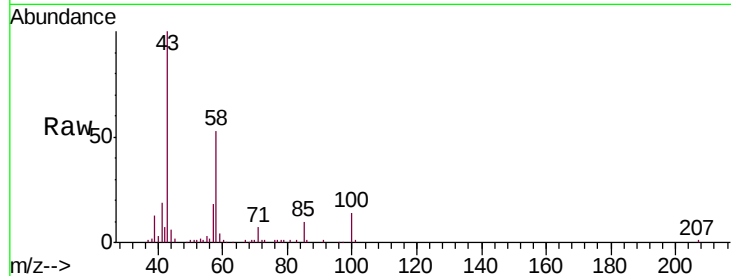




#59  
2-Hexanone  
Concen: 27.503 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

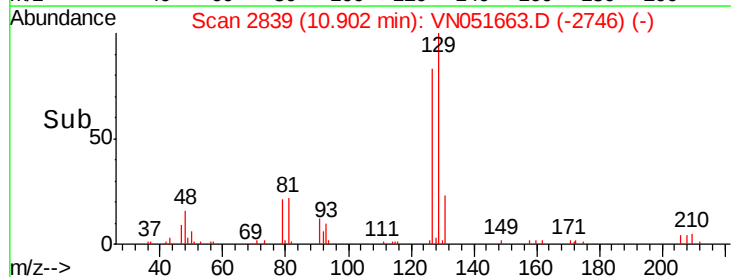
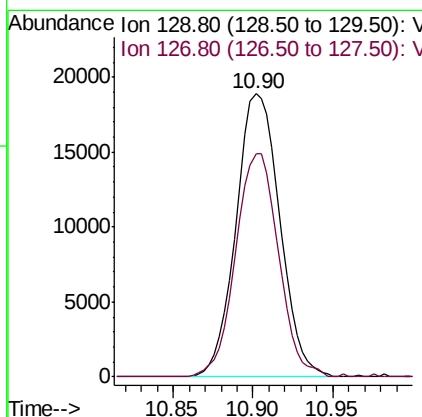
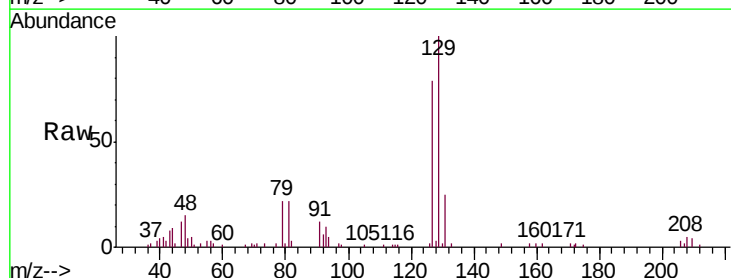
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

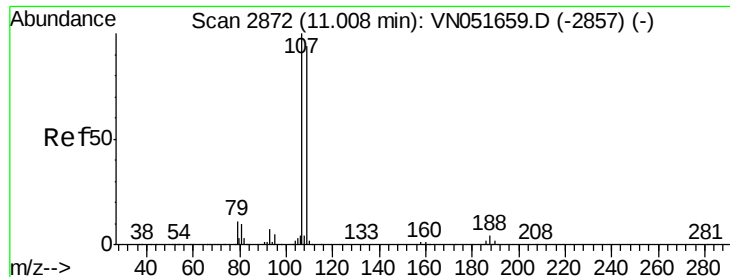
Tgt Ion: 43 Resp: 85391  
Ion Ratio Lower Upper  
43 100  
58 54.7 28.8 86.4



#60  
Dibromochloromethane  
Concen: 4.633 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion: 129 Resp: 35334  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 115.7

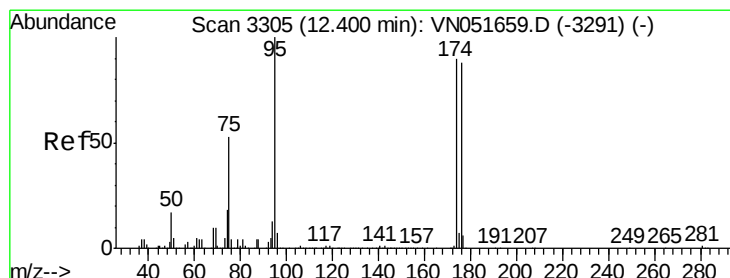
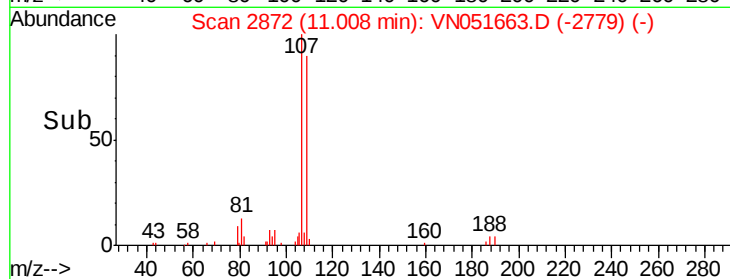
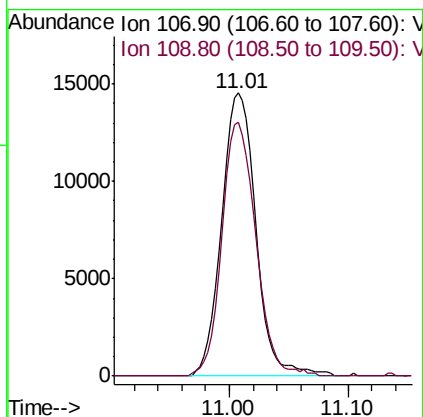
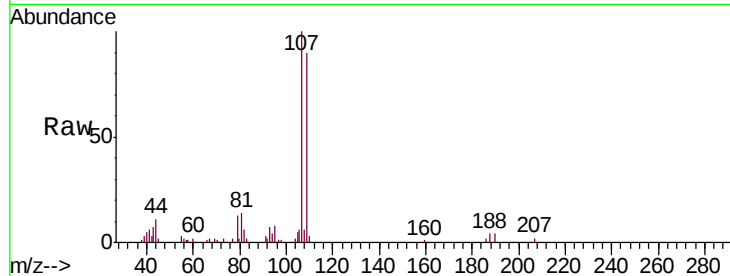




#61  
 1,2-Dibromoethane  
 Concen: 4.717 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. -0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

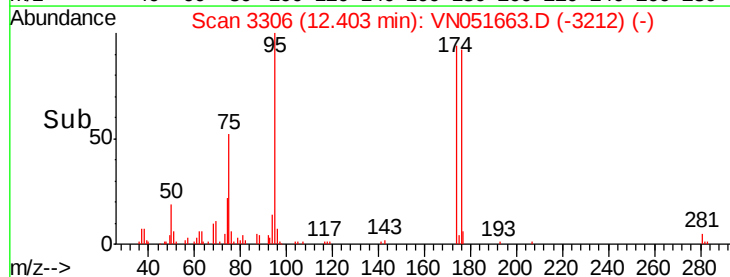
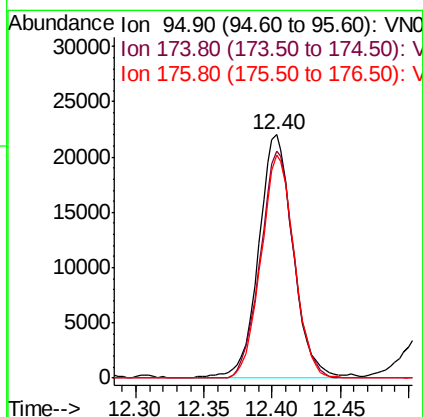
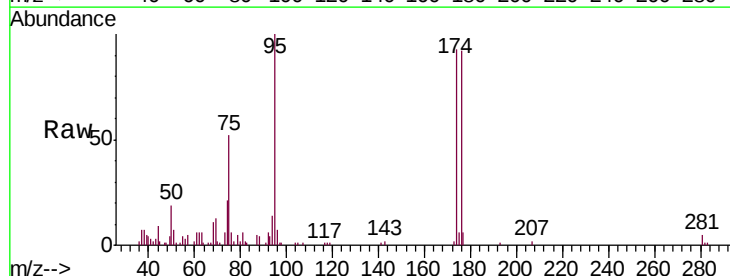
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

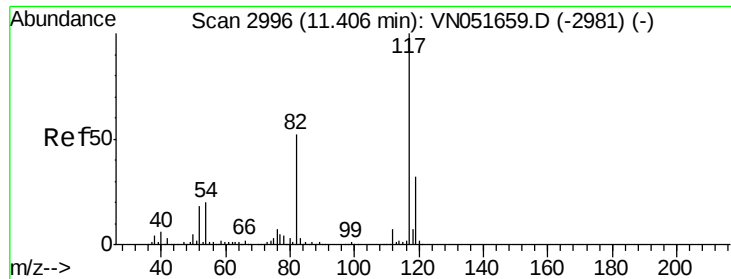
Tgt Ion: 107 Resp: 29059  
 Ion Ratio Lower Upper  
 107 100  
 109 88.9 75.4 113.0



#62  
 4-Bromofluorobenzene  
 Concen: 4.717 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Tgt Ion: 95 Resp: 38557  
 Ion Ratio Lower Upper  
 95 100  
 174 90.4 0.0 182.8  
 176 88.0 0.0 176.4

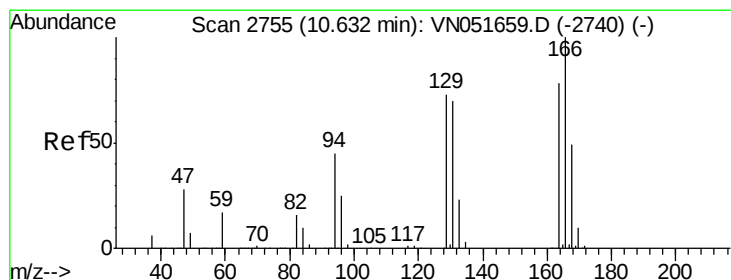
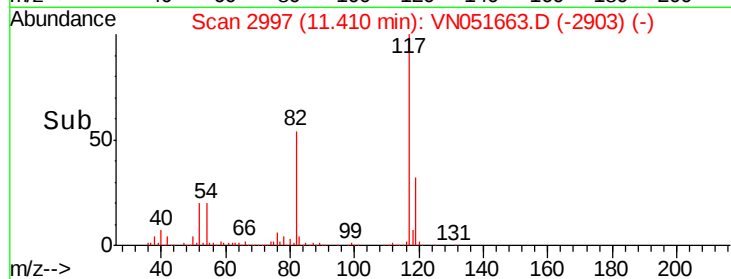
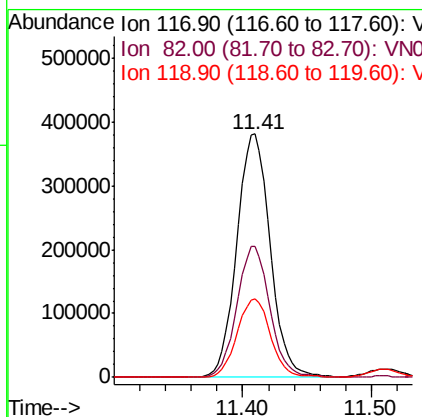
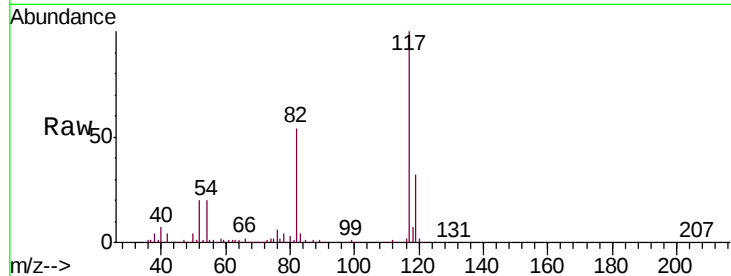




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

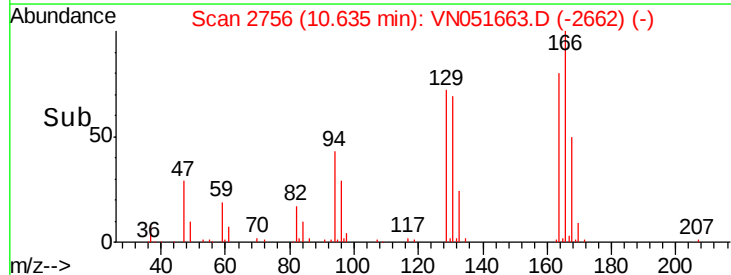
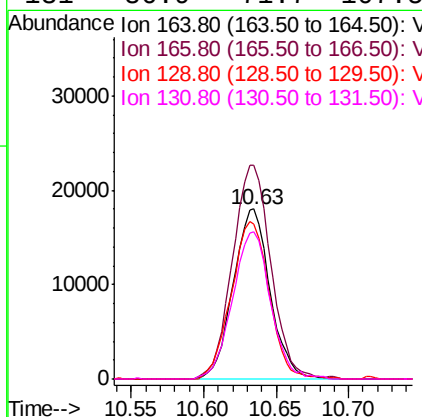
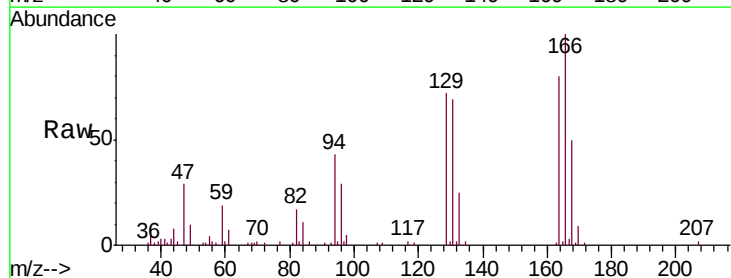
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

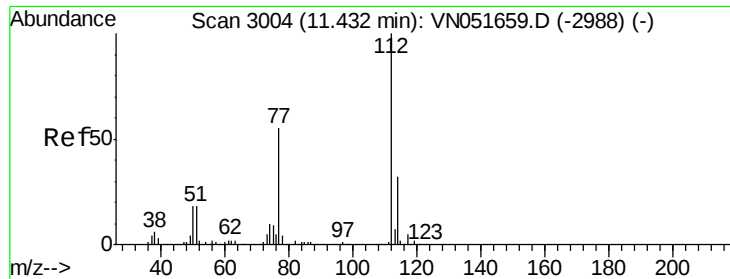
Tgt Ion:117 Resp: 688030  
Ion Ratio Lower Upper  
117 100  
82 53.6 41.3 61.9  
119 32.3 25.9 38.9



#64  
Tetrachloroethene  
Concen: 5.231 ug/l  
RT: 10.63 min Scan# 2756  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion:164 Resp: 31751  
Ion Ratio Lower Upper  
164 100  
166 125.7 103.0 154.6  
129 90.9 75.2 112.8  
131 86.9 71.7 107.5





#65

Chlorobenzene

Concen: 5.131 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampled :

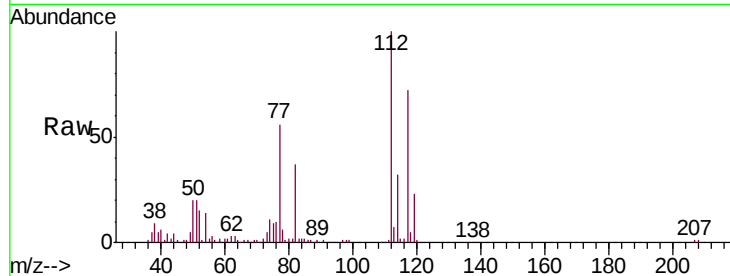
VSTDIC005

Tgt Ion:112 Resp: 87425

Ion Ratio Lower Upper

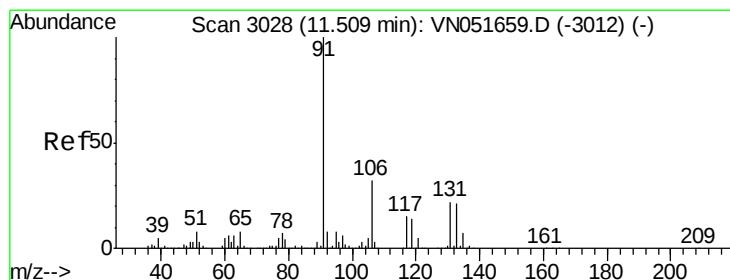
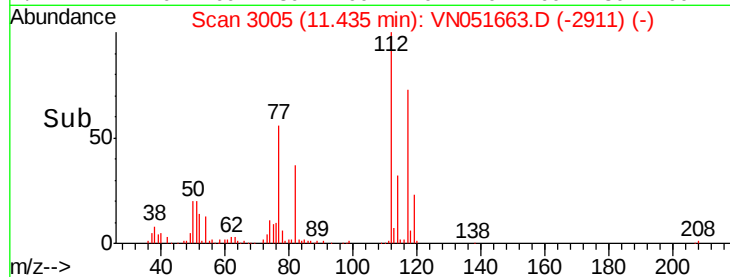
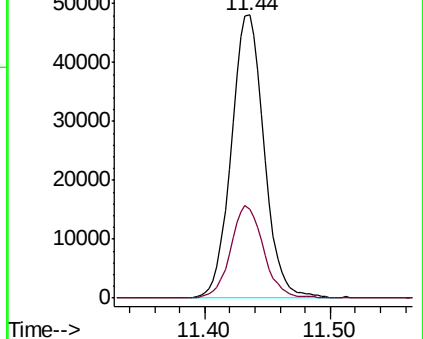
112 100

114 31.6 25.9 38.9



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: 5.072 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

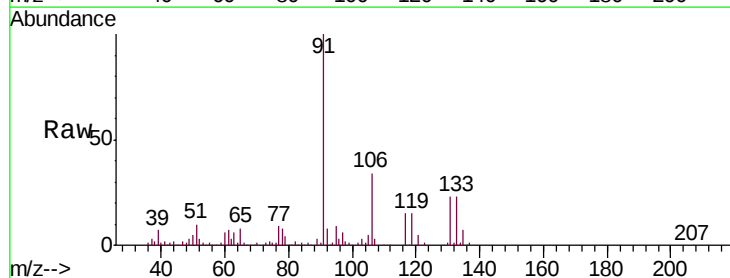
Tgt Ion:131 Resp: 34609

Ion Ratio Lower Upper

131 100

133 95.5 47.6 142.8

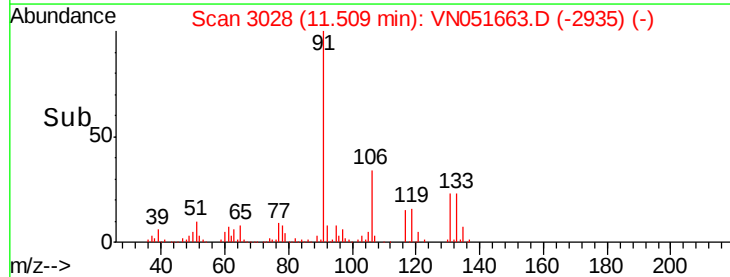
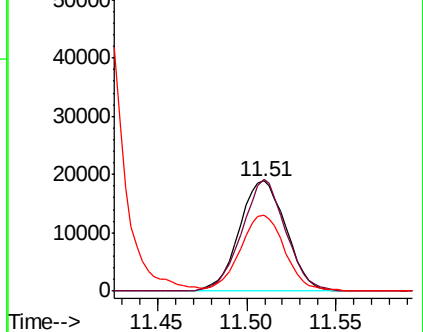
119 66.4 32.0 96.0

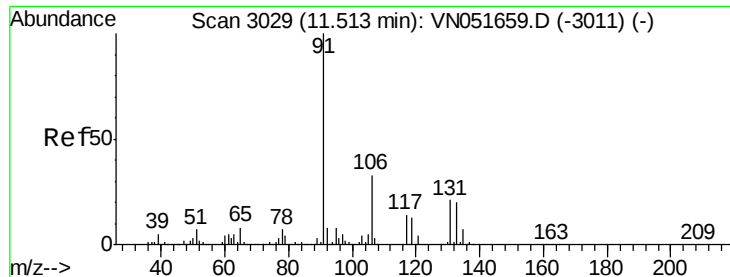


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

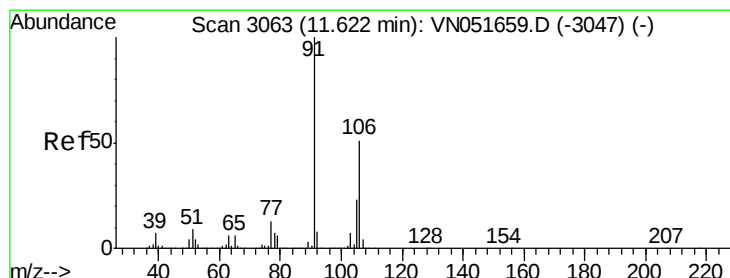
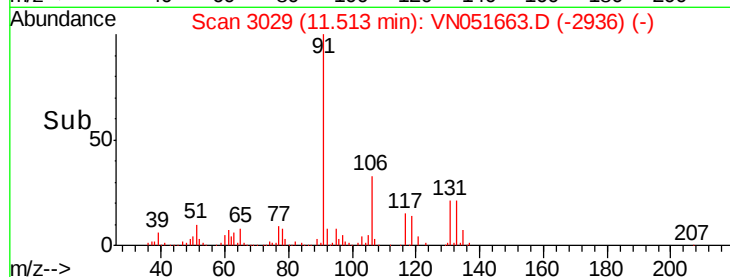
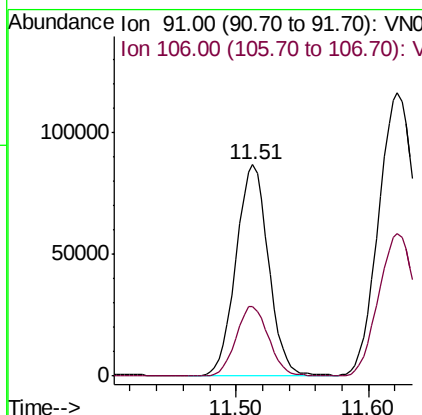
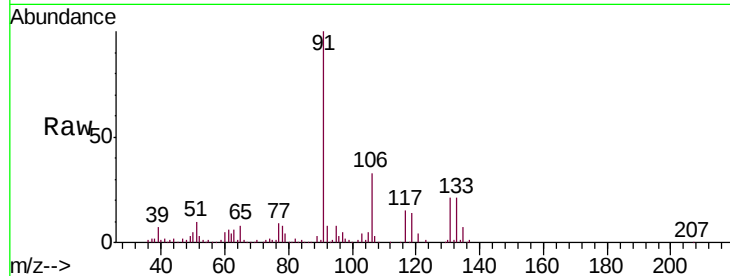




#67  
Ethyl Benzene  
Concen: 5.008 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

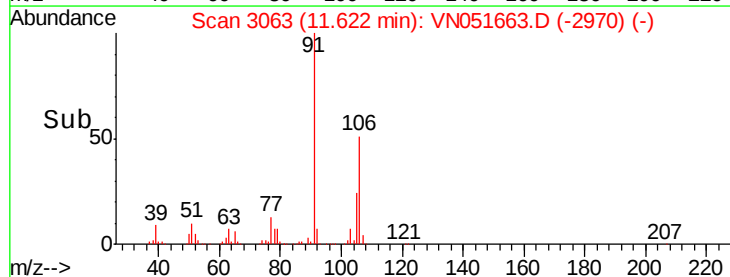
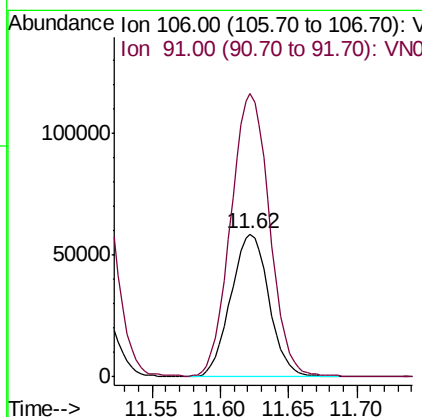
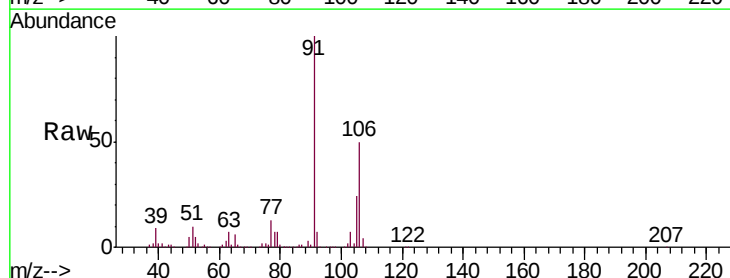
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

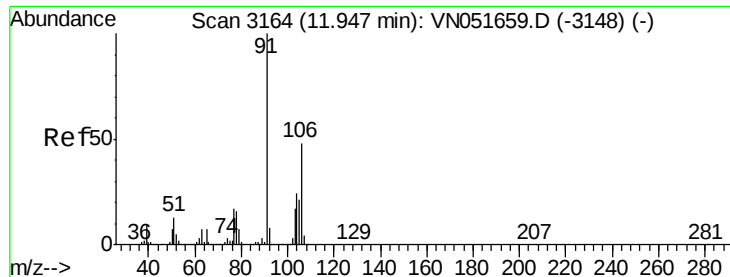
Tgt Ion: 91 Resp: 147495  
Ion Ratio Lower Upper  
91 100  
106 32.9 26.0 39.0



#68  
m/p-Xylenes  
Concen: 9.664 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion: 106 Resp: 113890  
Ion Ratio Lower Upper  
106 100  
91 200.6 158.4 237.6

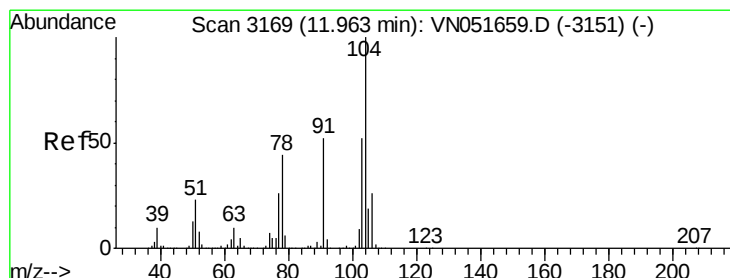
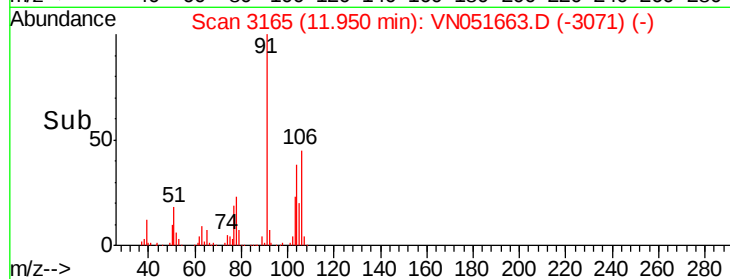
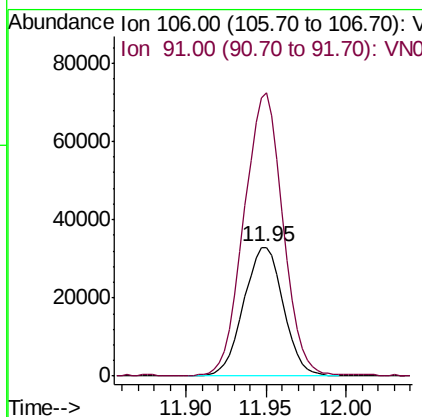
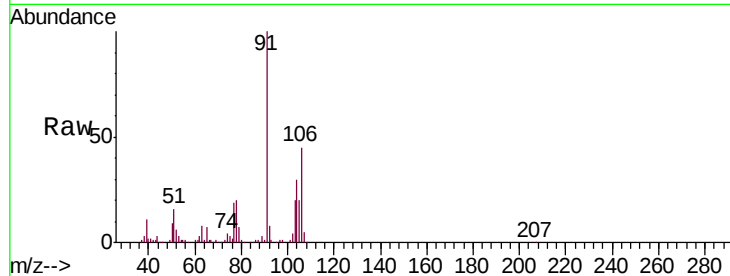




#69  
o-Xylene  
Concen: 4.839 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

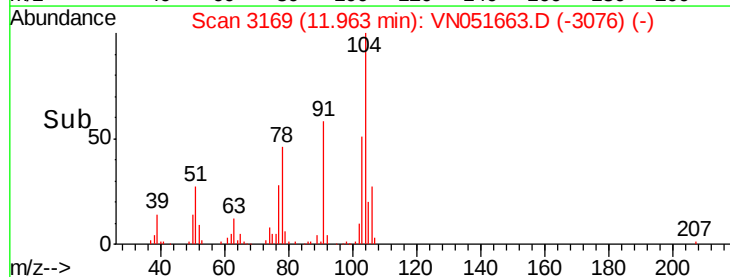
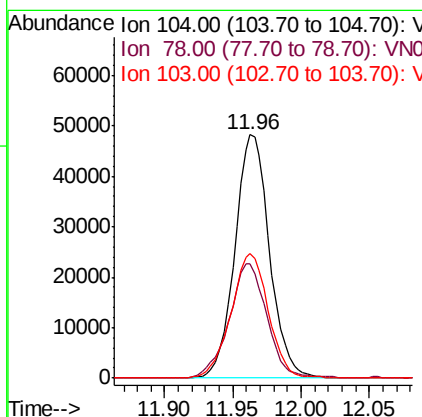
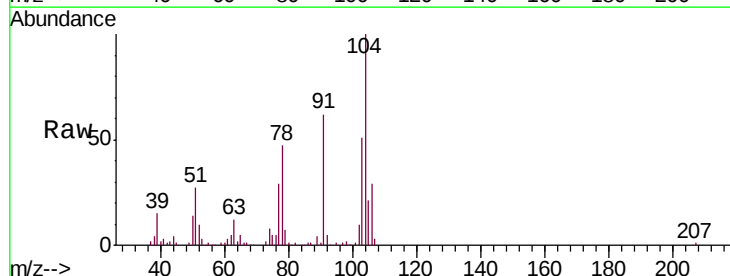
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

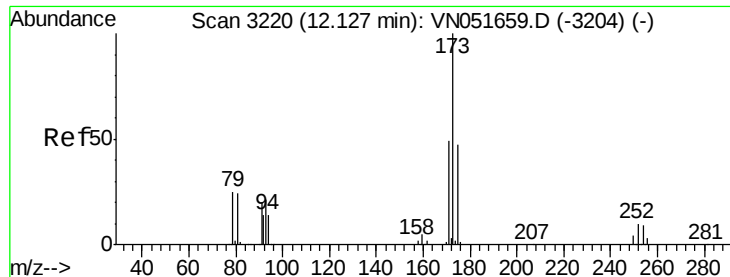
Tgt Ion:106 Resp: 55922  
Ion Ratio Lower Upper  
106 100  
91 217.7 104.4 313.2



#70  
Styrene  
Concen: 4.609 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion:104 Resp: 84880  
Ion Ratio Lower Upper  
104 100  
78 51.5 39.3 58.9  
103 55.1 45.0 67.6





#71

Bromoform

Concen: 4.652 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

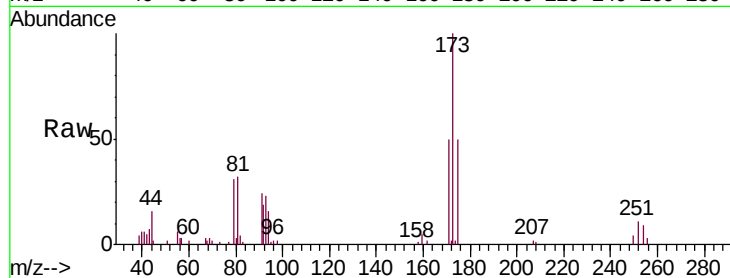
Tgt Ion:173 Resp: 23607

Ion Ratio Lower Upper

173 100

175 47.2 24.0 72.0

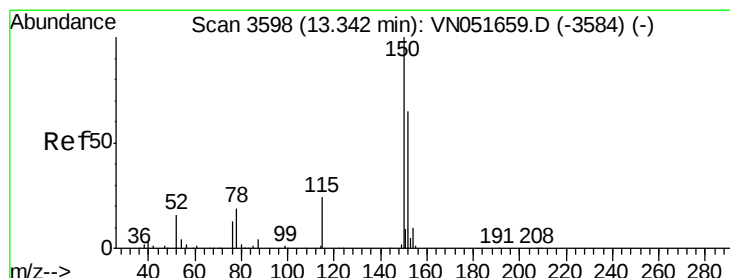
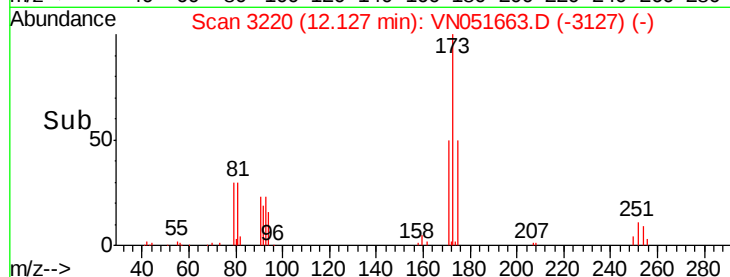
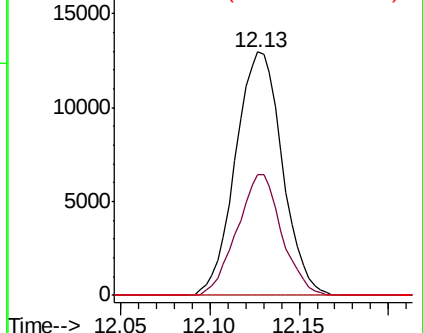
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

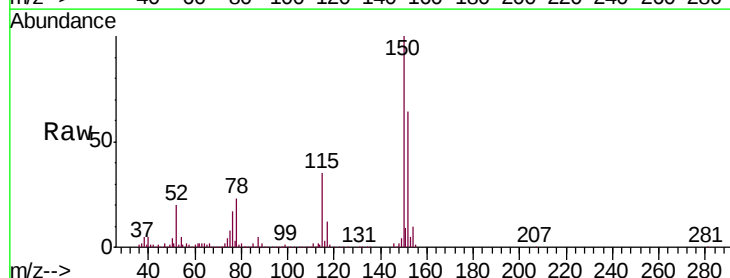
Tgt Ion:152 Resp: 291405

Ion Ratio Lower Upper

152 100

115 55.1 28.6 85.8

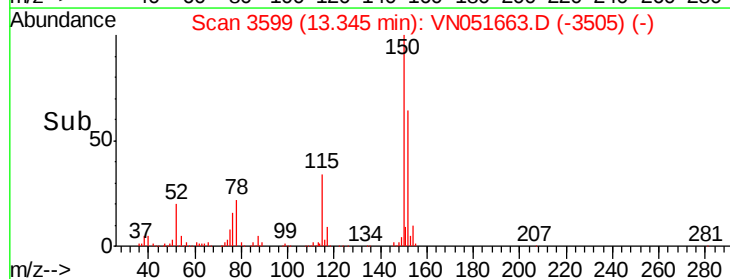
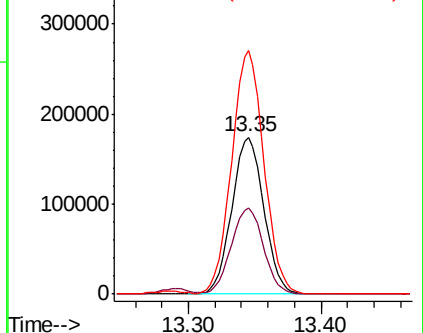
150 156.8 0.0 352.4

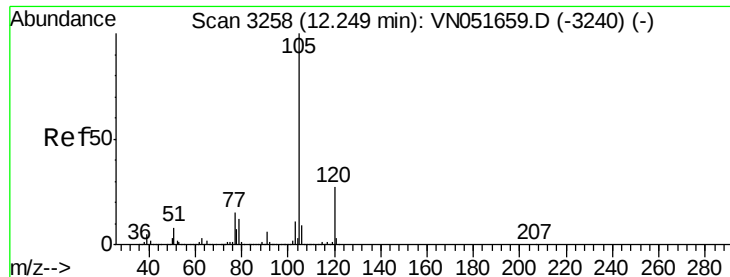


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.965 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

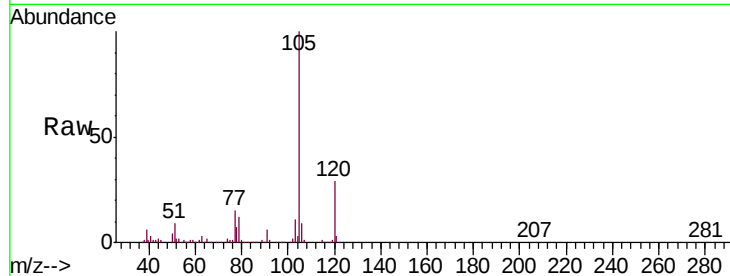
VSTDIC005

Tgt Ion: 105 Resp: 148182

Ion Ratio Lower Upper

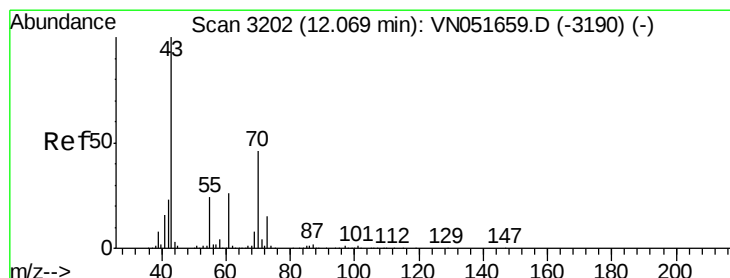
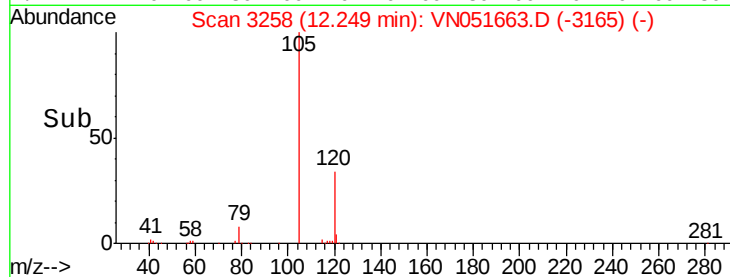
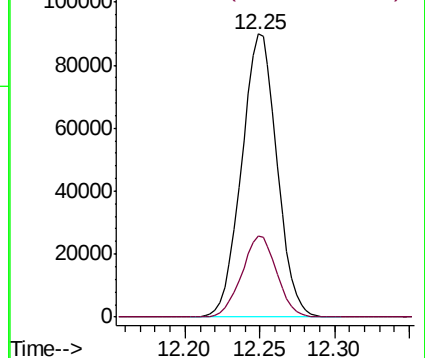
105 100

120 28.3 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 6.522 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Tgt Ion: 43 Resp: 36945

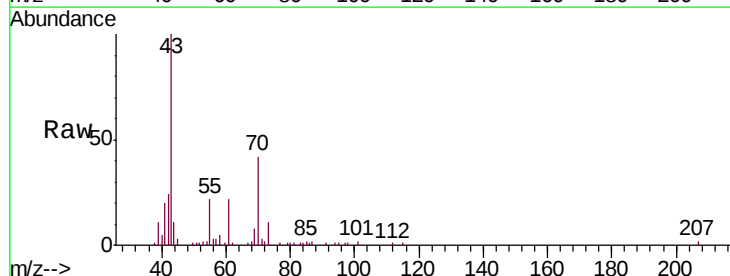
Ion Ratio Lower Upper

43 100

70 41.4 37.1 55.7

55 22.3 19.1 28.7

61 24.1 20.8 31.2

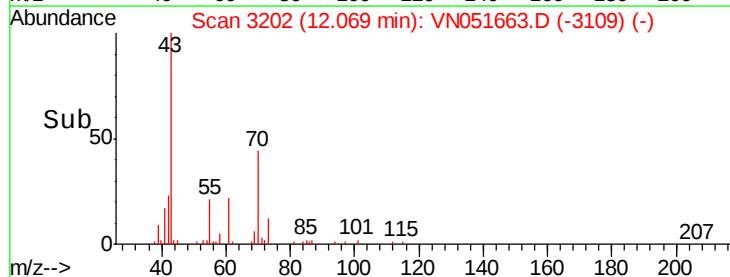
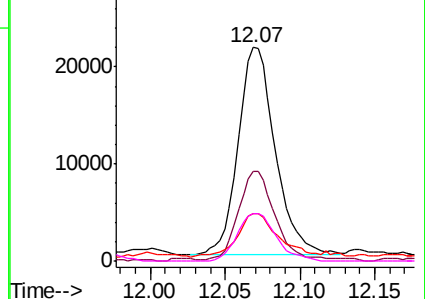


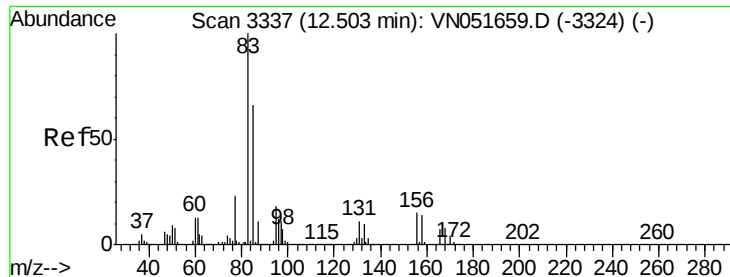
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 6.614 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

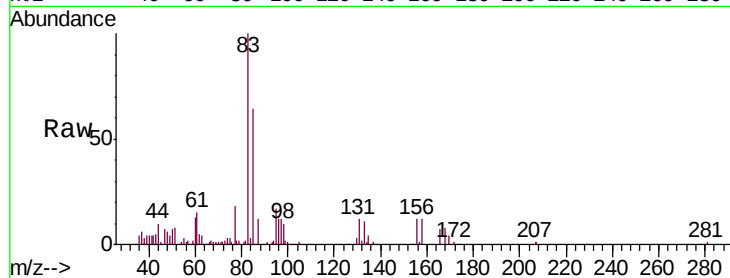
Tgt Ion: 83 Resp: 35415

Ion Ratio Lower Upper

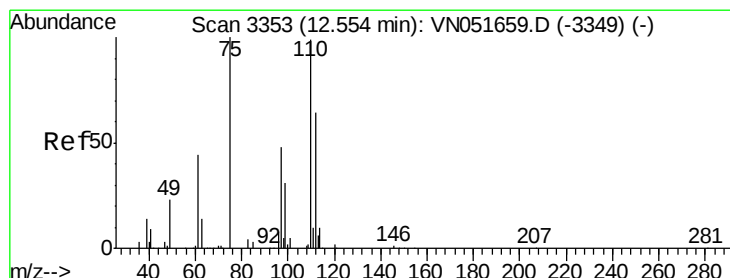
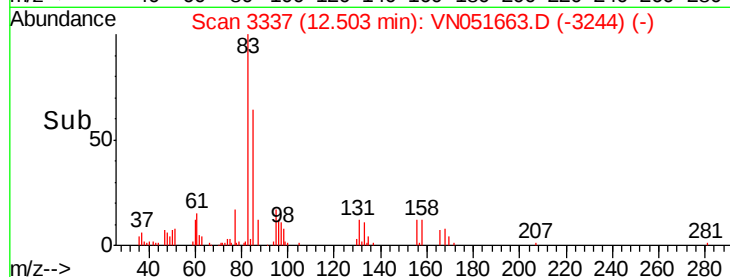
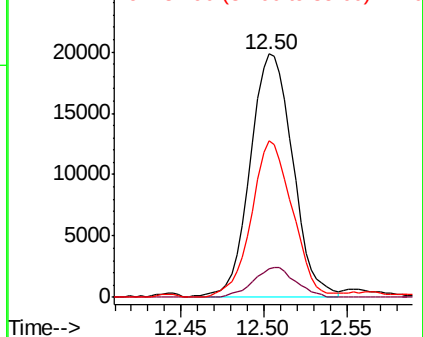
83 100

131 12.1 5.7 17.1

85 61.6 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VNO  
Ion 130.80 (130.50 to 131.50): VNO  
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 9.978 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051663.D

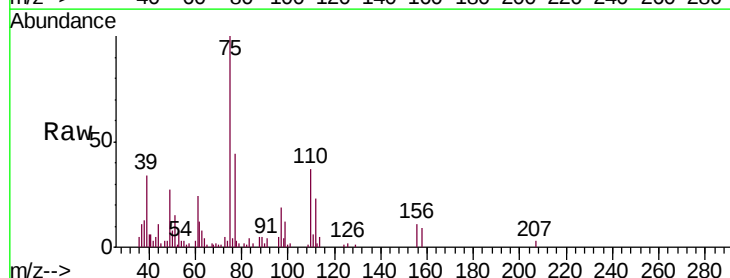
Acq: 4 Oct 2018 13:19

Tgt Ion: 75 Resp: 40783

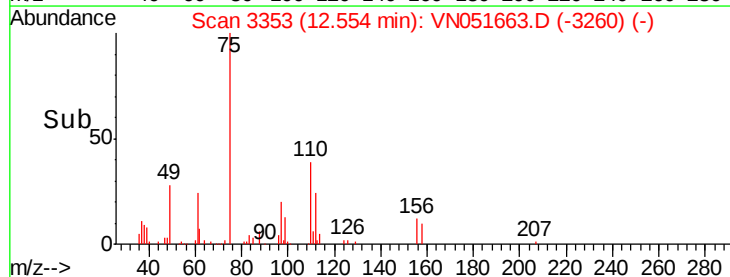
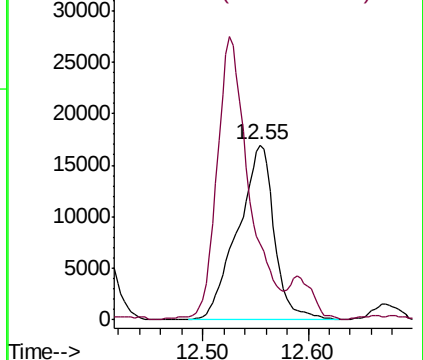
Ion Ratio Lower Upper

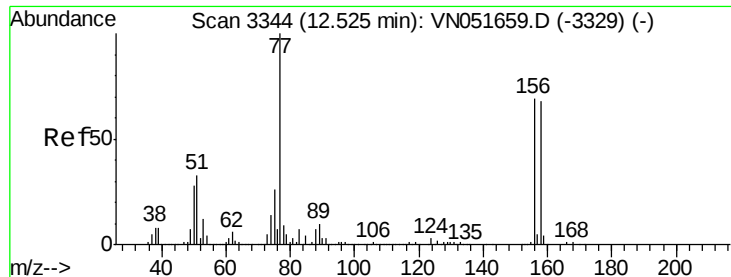
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO  
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 5.918 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

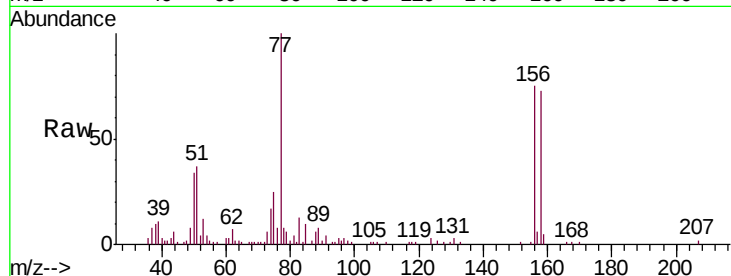
Tgt Ion:156 Resp: 35947

Ion Ratio Lower Upper

156 100

77 161.8 83.2 249.4

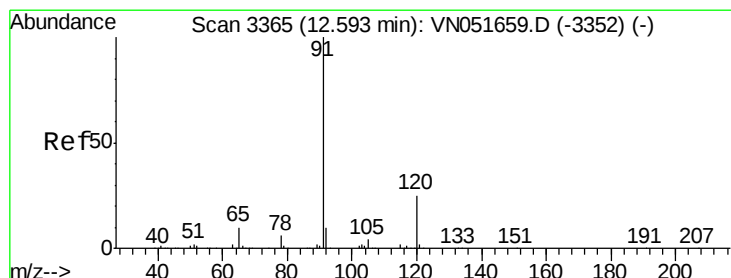
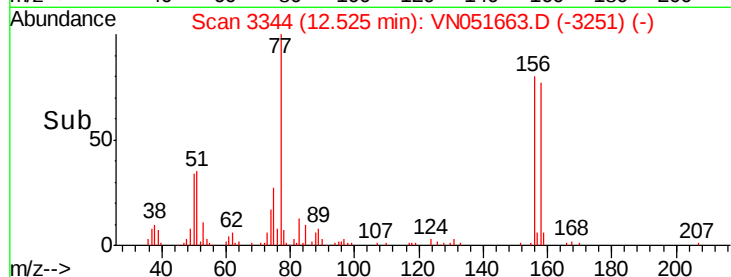
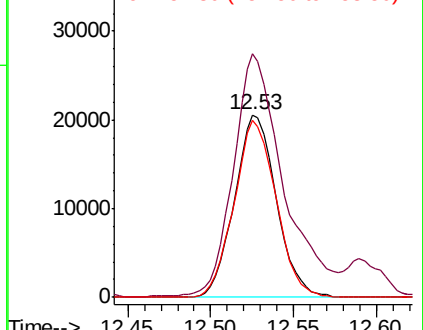
158 97.3 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.827 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051663.D

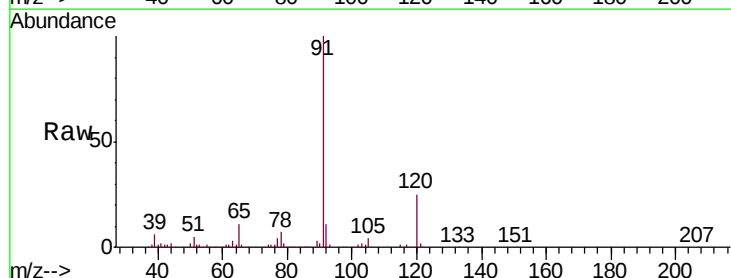
Acq: 4 Oct 2018 13:19

Tgt Ion: 91 Resp: 157879

Ion Ratio Lower Upper

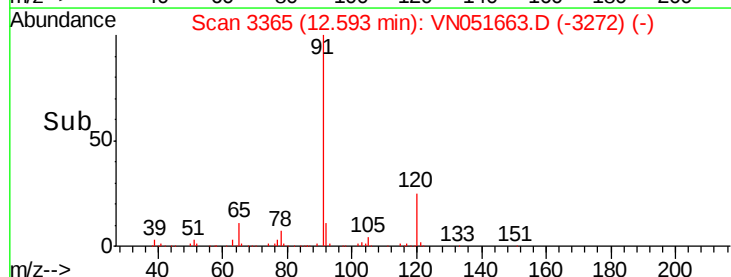
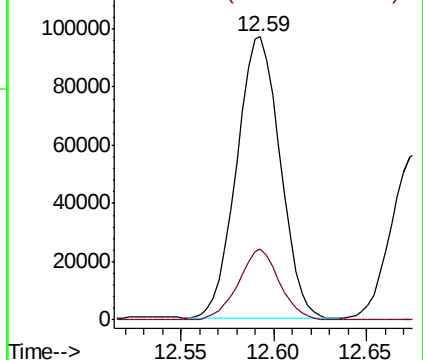
91 100

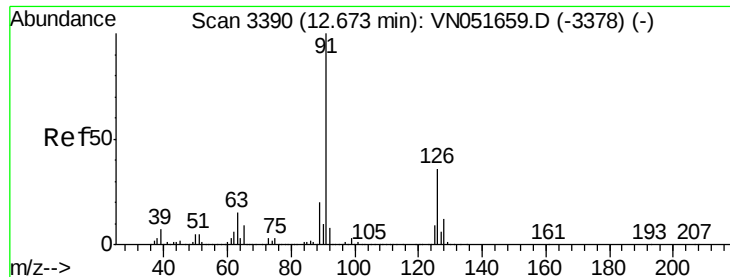
120 23.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.920 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

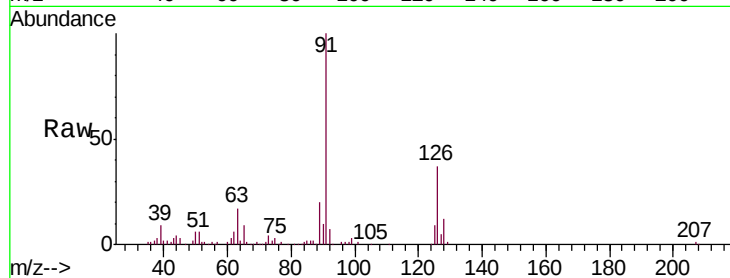
VSTDIC005

Tgt Ion: 91 Resp: 94536

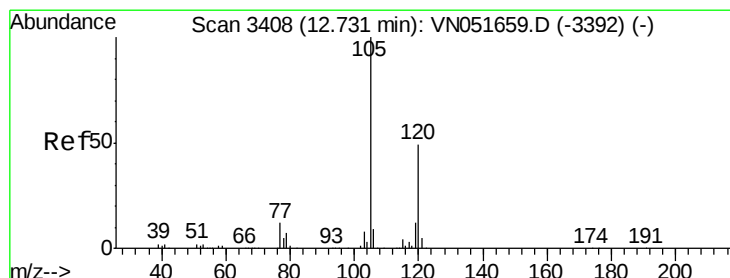
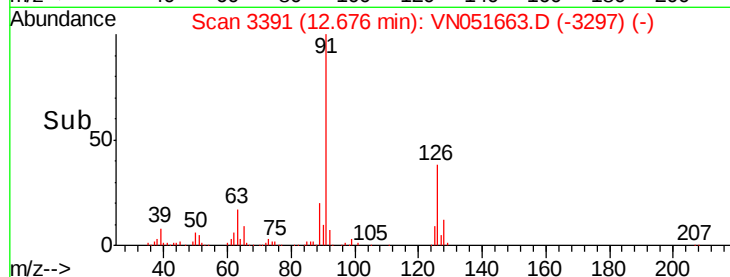
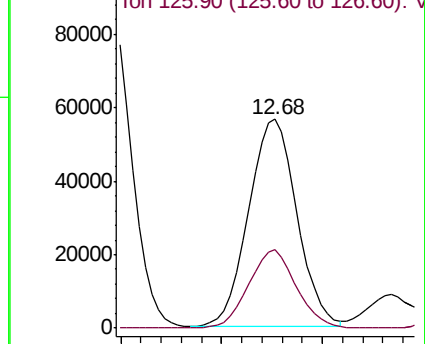
Ion Ratio Lower Upper

91 100

126 37.2 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VN051659.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.852 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051663.D

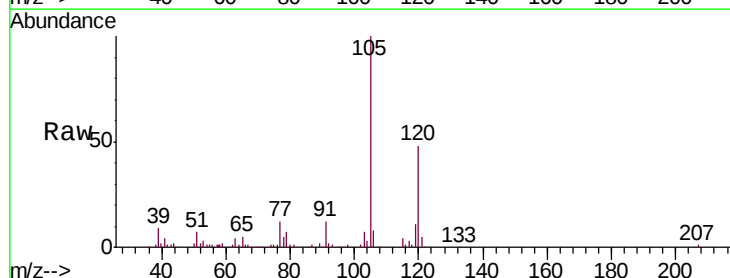
Acq: 4 Oct 2018 13:19

Tgt Ion: 105 Resp: 122513

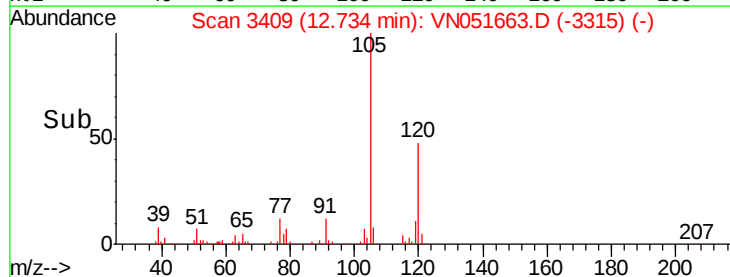
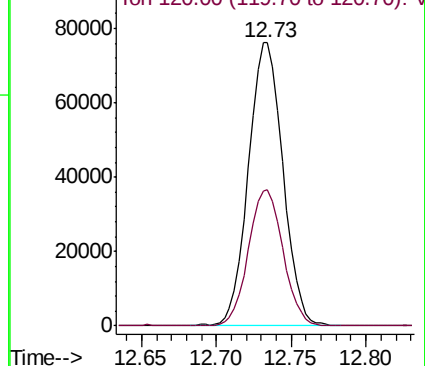
Ion Ratio Lower Upper

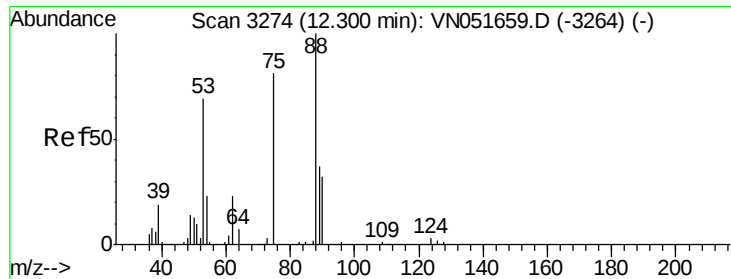
105 100

120 48.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN051659.D (-3392) (-)

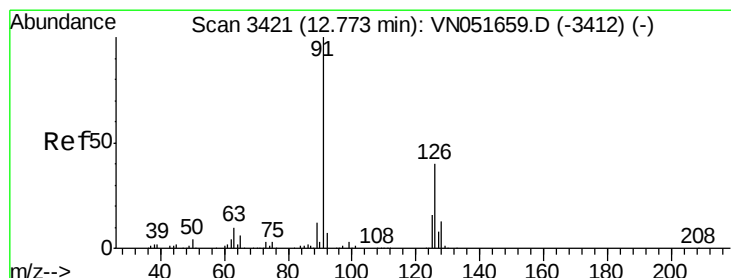
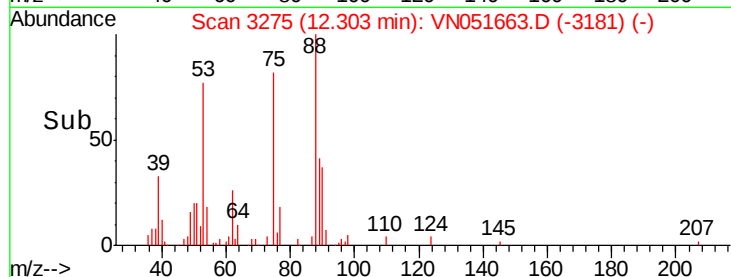
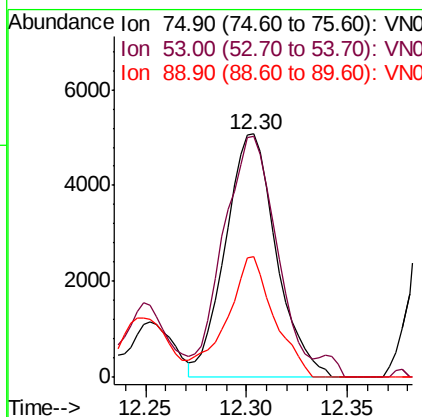
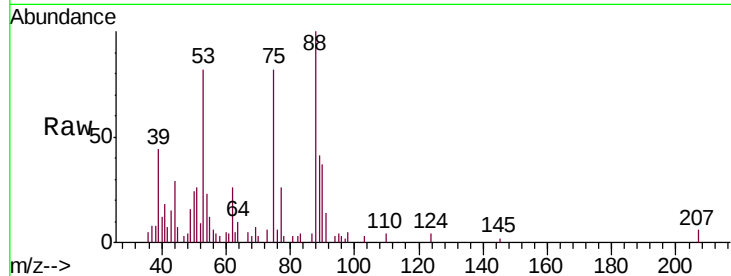




#81  
trans-1,4-Dichloro-2-butene  
Concen: 5.653 ug/l  
RT: 12.30 min Scan# 3275  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

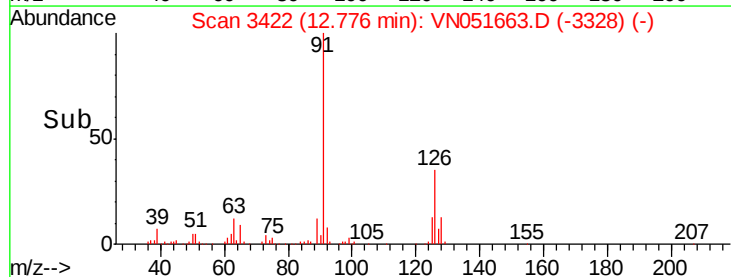
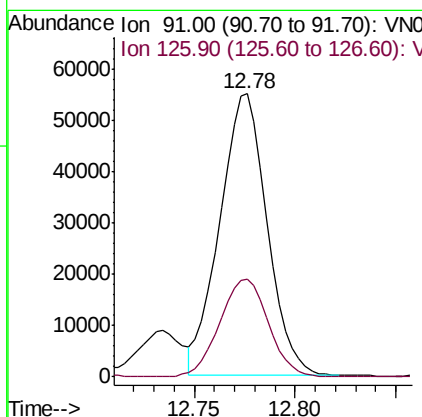
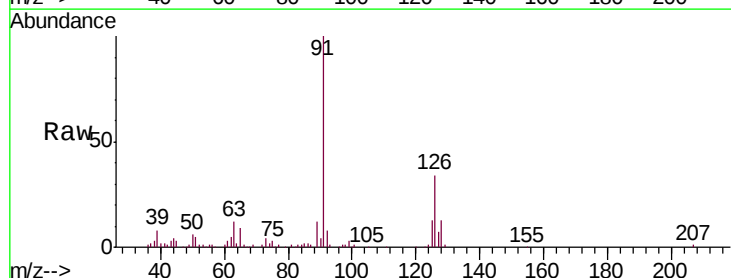
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

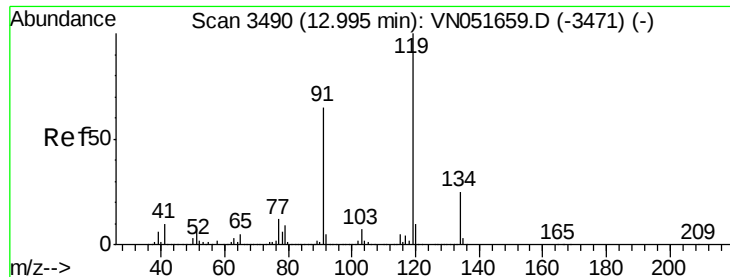
Tgt Ion: 75 Resp: 8962  
Ion Ratio Lower Upper  
75 100  
53 90.5 68.6 102.8  
89 46.0 39.4 59.2



#82  
4-Chlorotoluene  
Concen: 5.576 ug/l  
RT: 12.78 min Scan# 3422  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion: 91 Resp: 89438  
Ion Ratio Lower Upper  
91 100  
126 35.8 18.0 54.0

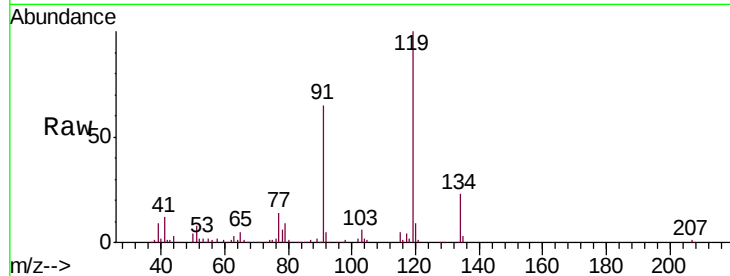




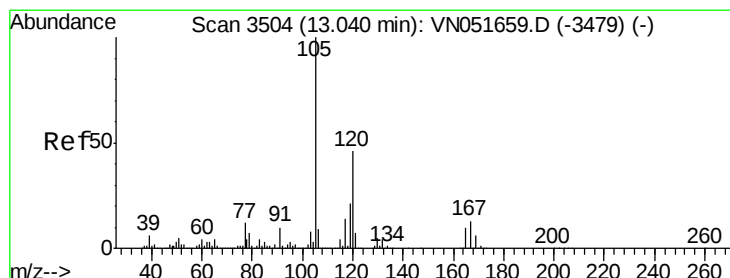
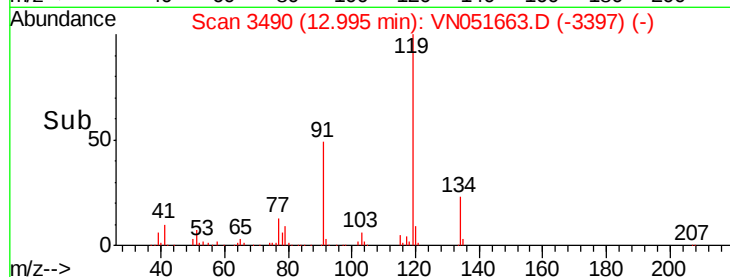
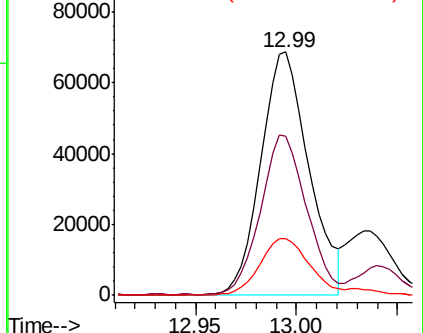
#83  
 tert-Butylbenzene  
 Concen: 6.095 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion:119 Resp: 114320  
 Ion Ratio Lower Upper  
 119 100  
 91 62.2 32.1 96.5  
 134 25.8 13.3 39.9

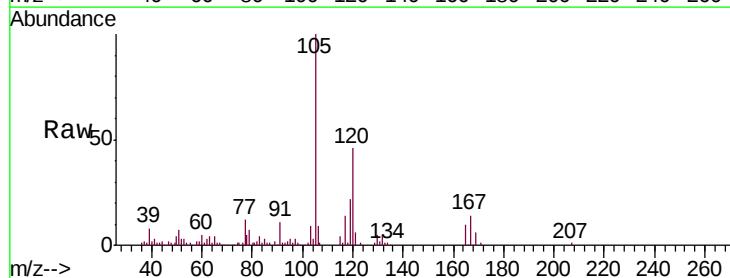


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

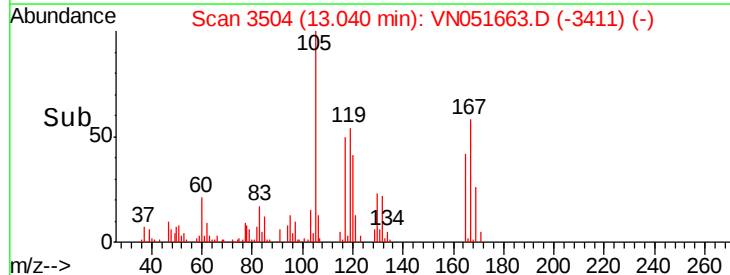
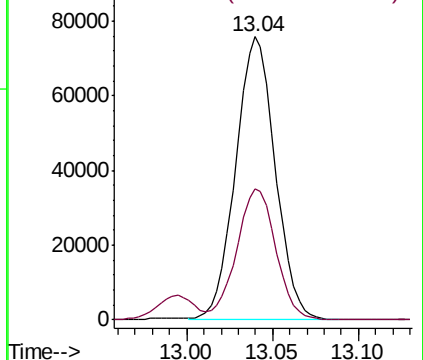


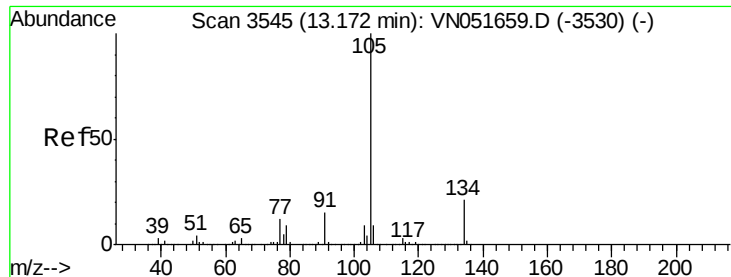
#84  
 1,2,4-Trimethylbenzene  
 Concen: 5.772 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Tgt Ion:105 Resp: 121040  
 Ion Ratio Lower Upper  
 105 100  
 120 45.8 22.9 68.7



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





#85

sec-Butylbenzene

Concen: 5.725 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

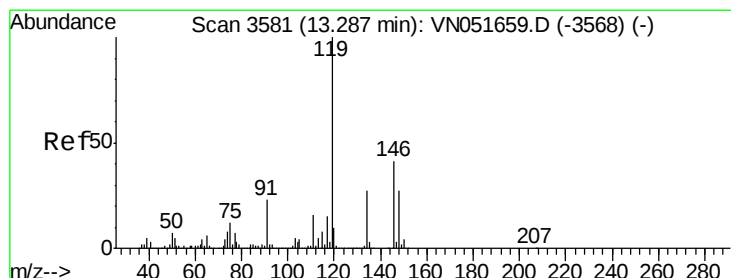
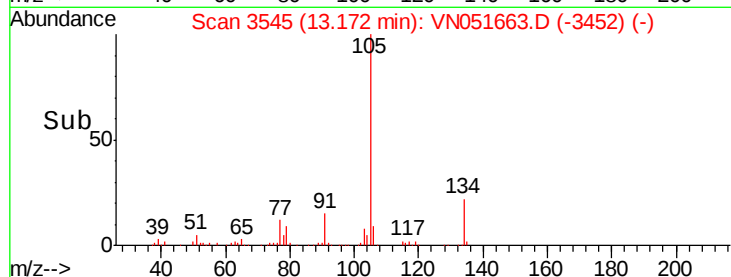
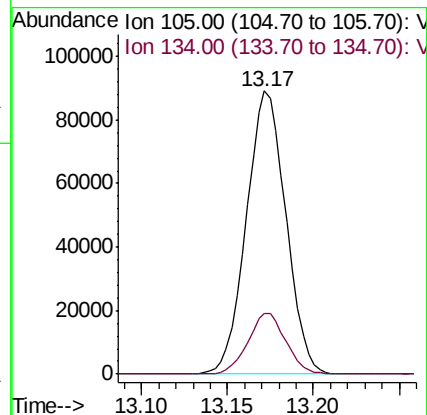
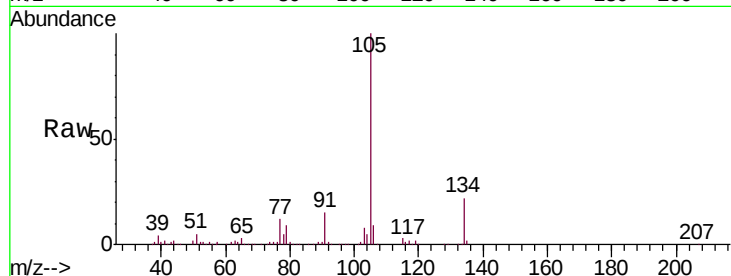
VSTDIC005

Tgt Ion:105 Resp: 142041

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.6



#86

p-Isopropyltoluene

Concen: 5.598 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

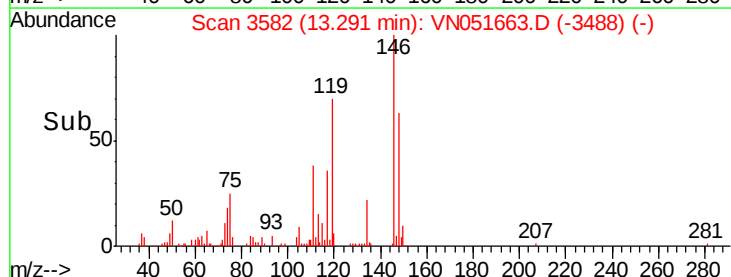
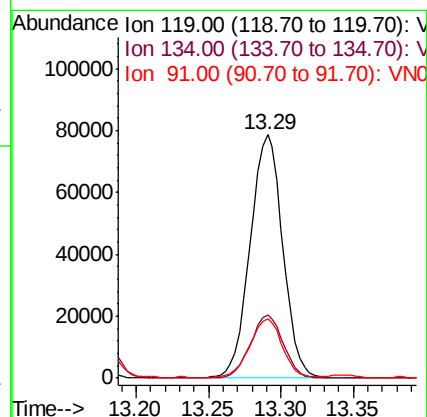
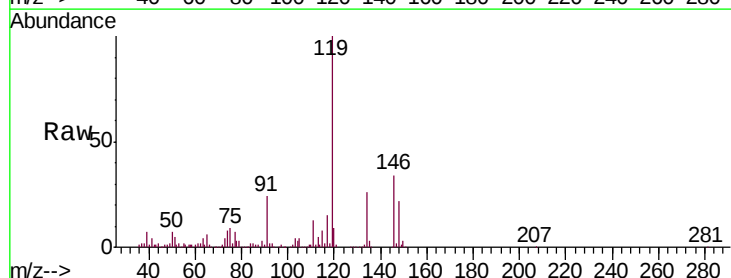
Tgt Ion:119 Resp: 123139

Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.2

91 23.9 11.7 35.1

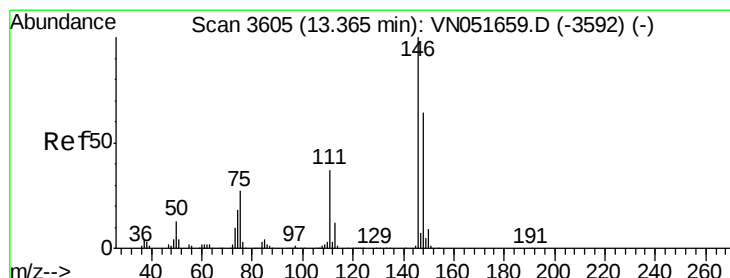
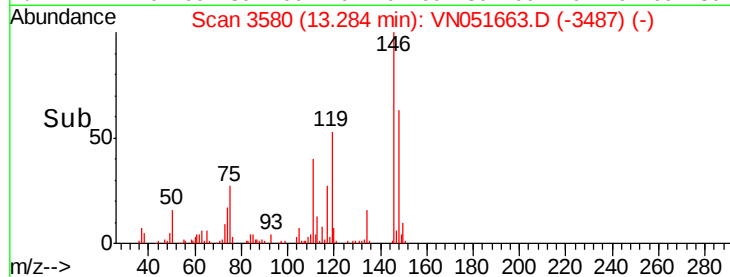
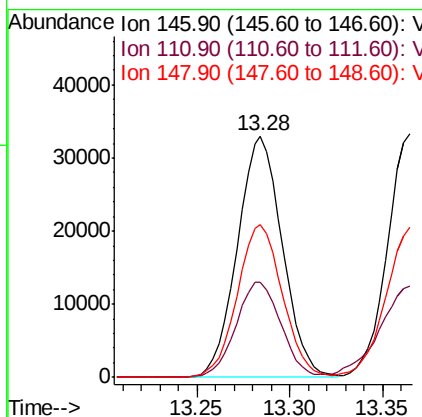
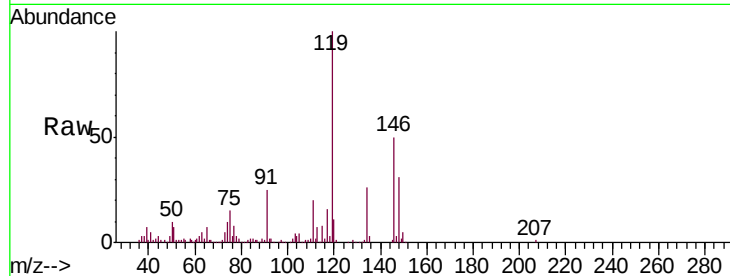




#87  
 1,3-Dichlorobenzene  
 Concen: 5.230 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. -0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

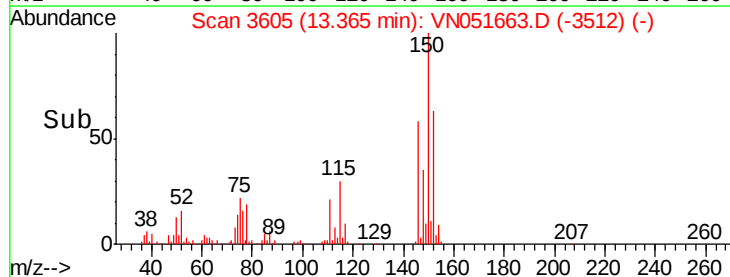
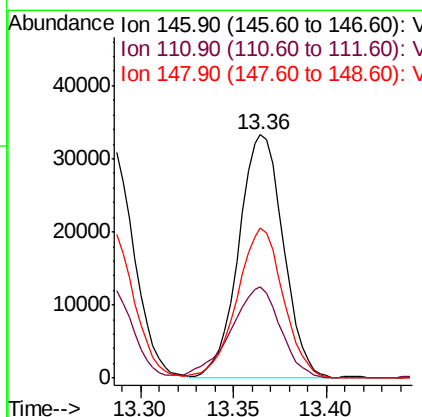
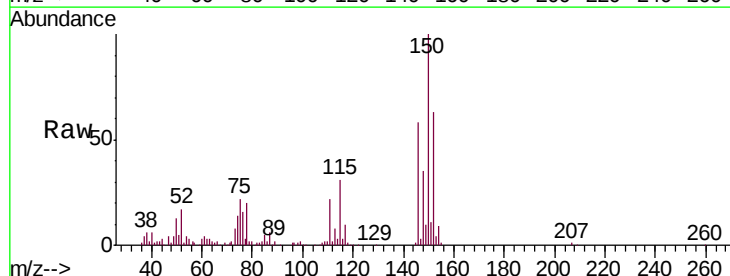
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

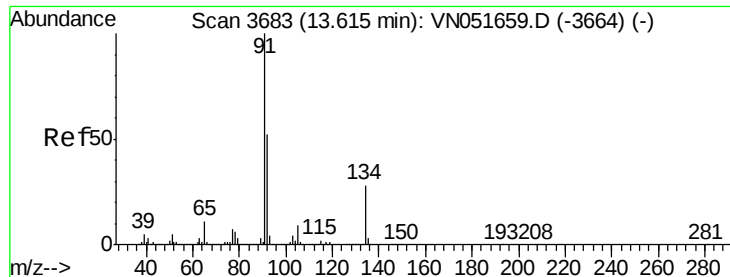
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.8  | 19.3  | 57.9  |
| 148     | 63.5  | 32.5  | 97.5  |



#88  
 1,4-Dichlorobenzene  
 Concen: 5.333 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. -0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.9  | 18.6  | 55.8  |
| 148     | 63.9  | 32.3  | 96.8  |





#89

n-Butylbenzene

Concen: 5.152 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051663.D

Acq: 4 Oct 2018 13:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

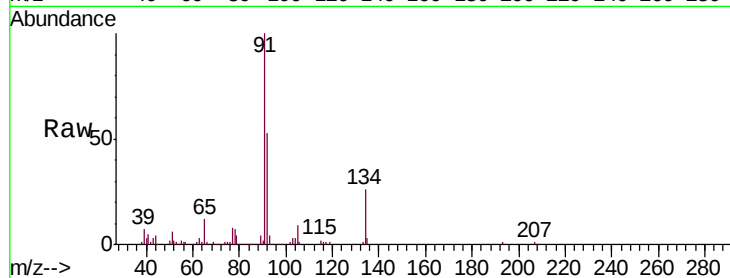
Tgt Ion: 91 Resp: 89610

Ion Ratio Lower Upper

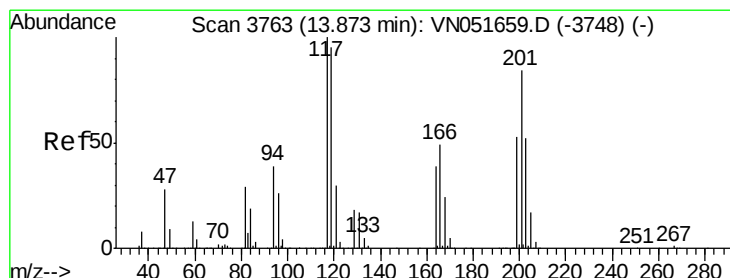
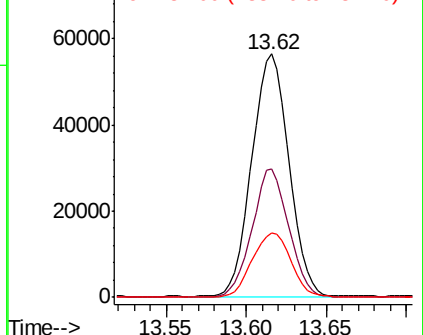
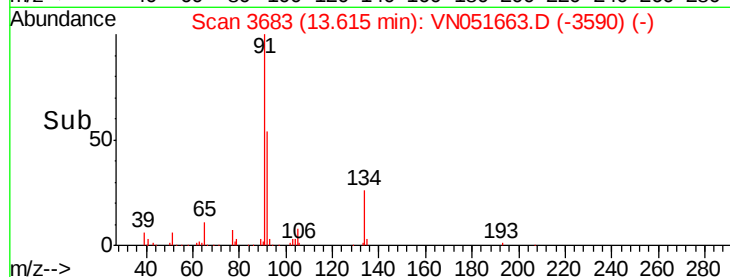
91 100

92 52.2 26.0 78.0

134 27.8 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VN051663.D (-3590) (-)



#90

Hexachloroethane

Concen: 5.782 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051663.D

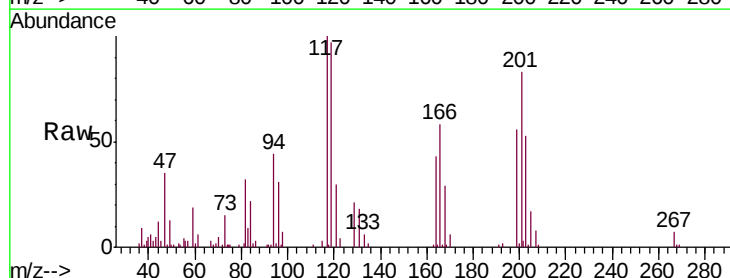
Acq: 4 Oct 2018 13:19

Tgt Ion: 117 Resp: 25375

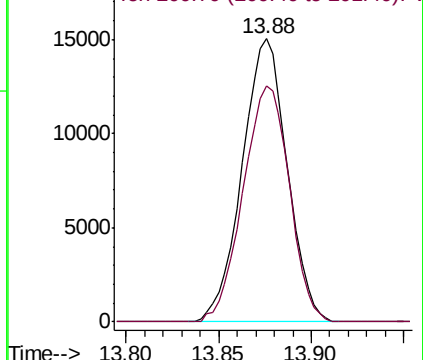
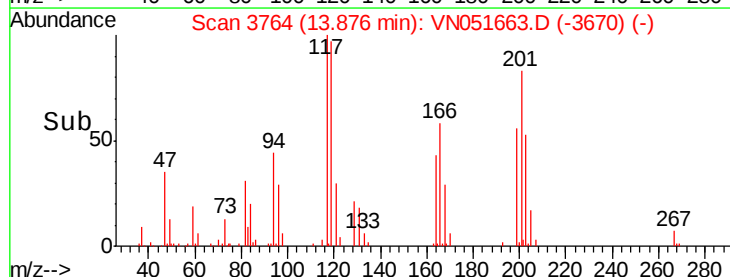
Ion Ratio Lower Upper

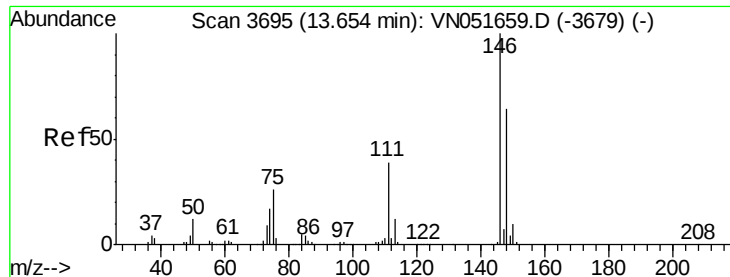
117 100

201 85.4 42.4 127.3



Abundance Ion 116.80 (116.50 to 117.50): VN051663.D (-3670) (-)

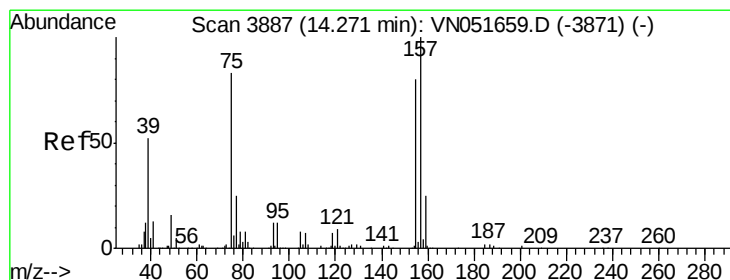
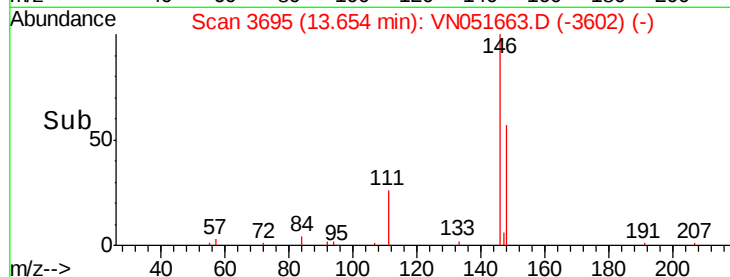
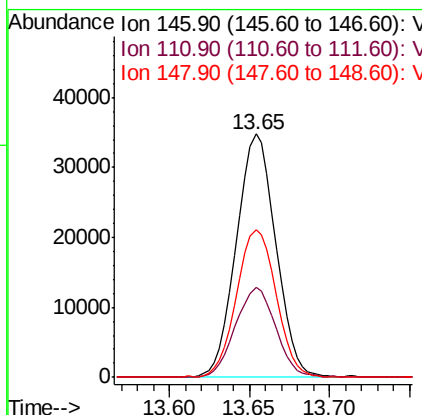
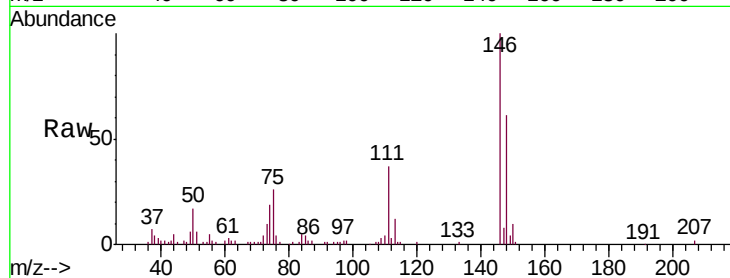




#91  
 1,2-Dichlorobenzene  
 Concen: 5.555 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

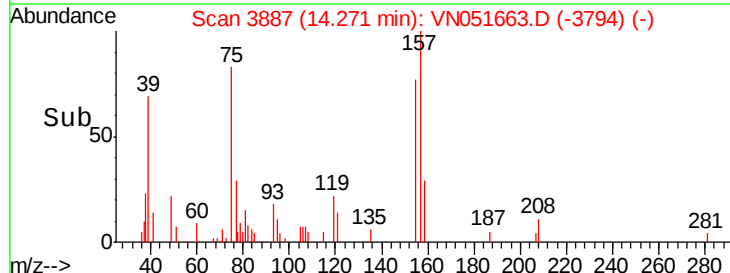
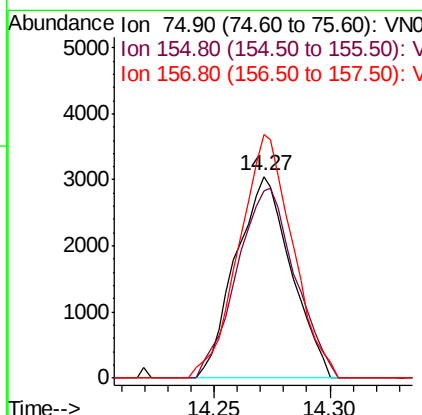
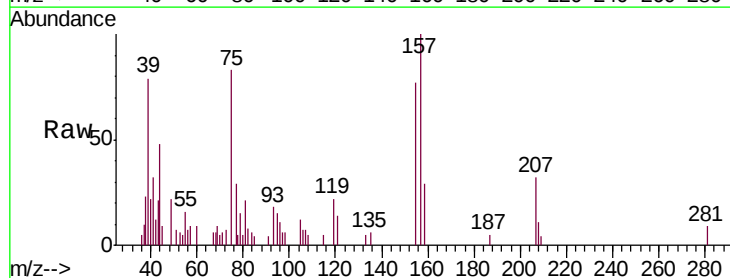
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

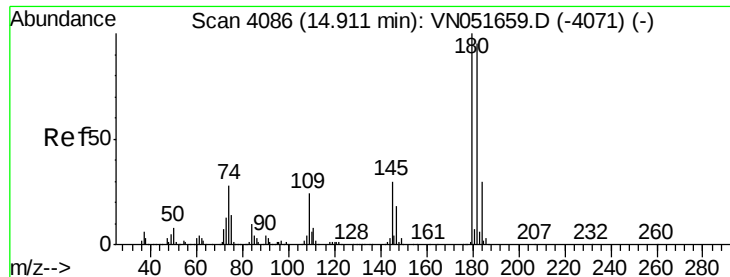
Tgt Ion:146 Resp: 58442  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 19.7 59.0  
 148 60.9 32.1 96.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 5.807 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. -0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Tgt Ion: 75 Resp: 5067  
 Ion Ratio Lower Upper  
 75 100  
 155 99.0 47.6 142.9  
 157 116.4 61.7 185.1

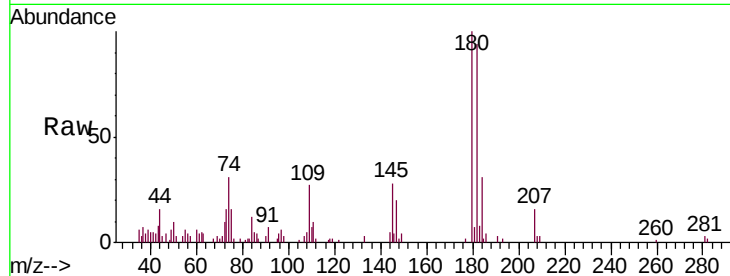




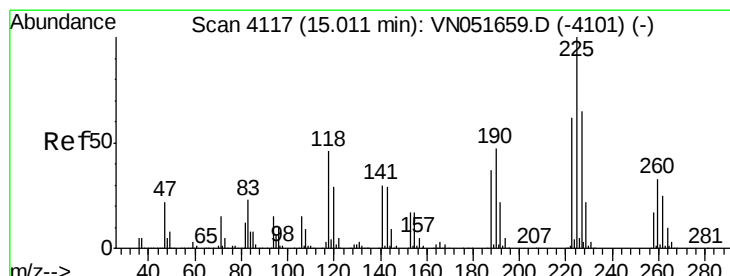
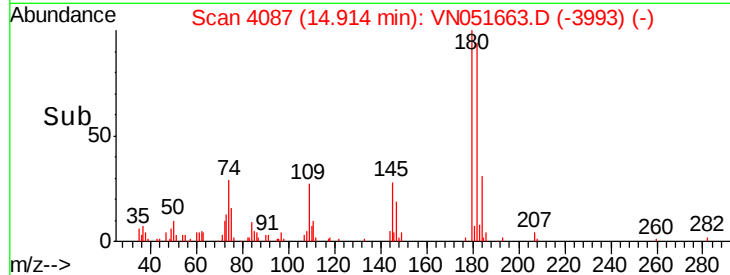
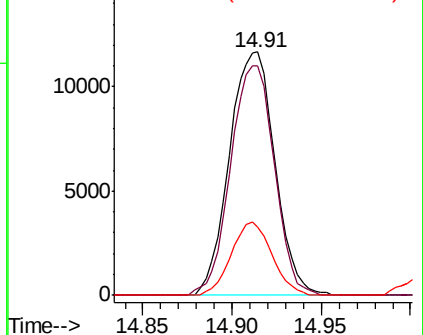
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.421 ug/l  
 RT: 14.91 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion:180 Resp: 20696  
 Ion Ratio Lower Upper  
 180 100  
 182 90.7 47.7 143.1  
 145 27.0 15.3 45.9

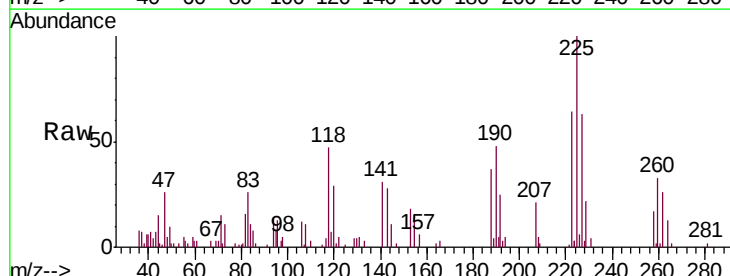


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

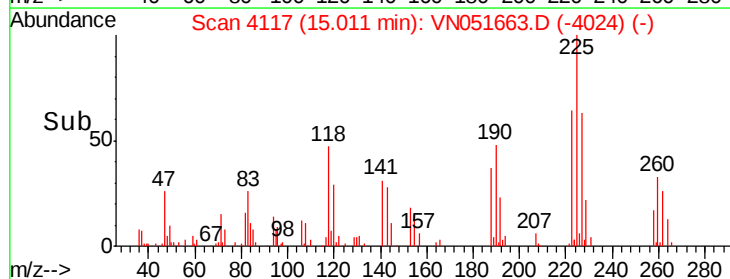
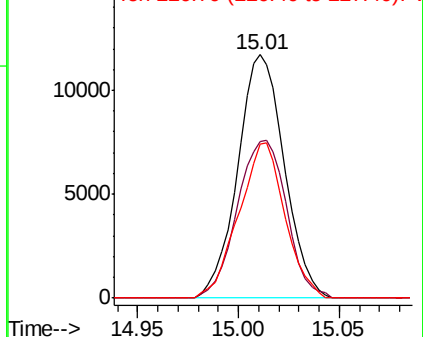


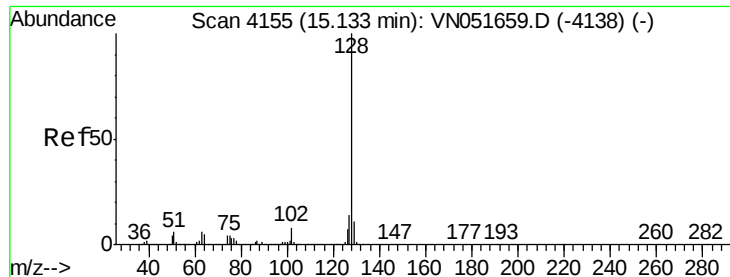
#94  
 Hexachlorobutadiene  
 Concen: 5.961 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN051663.D  
 Acq: 4 Oct 2018 13:19

Tgt Ion:225 Resp: 18934  
 Ion Ratio Lower Upper  
 225 100  
 223 68.5 31.9 95.5  
 227 63.3 31.7 95.1



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

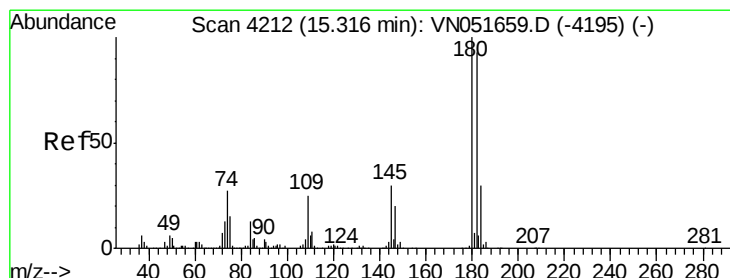
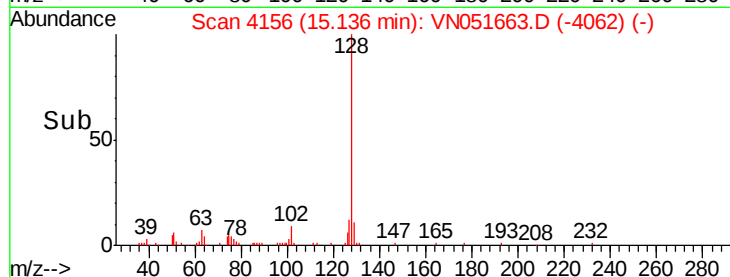
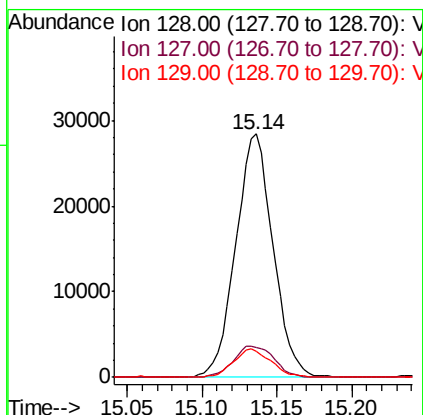
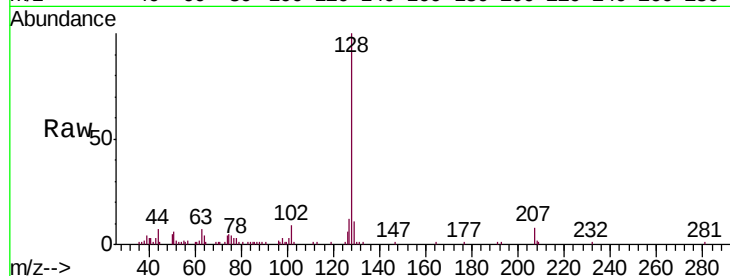




#95  
Naphthalene  
Concen: 4.866 ug/l  
RT: 15.14 min Scan# 4156  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:128 Resp: 49199  
Ion Ratio Lower Upper  
128 100  
127 13.9 10.6 15.8  
129 11.7 9.0 13.6



#96  
1,2,3-Trichlorobenzene  
Concen: 4.898 ug/l  
RT: 15.32 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN051663.D  
Acq: 4 Oct 2018 13:19

Tgt Ion:180 Resp: 22586  
Ion Ratio Lower Upper  
180 100  
182 93.4 47.3 141.8  
145 31.0 15.6 46.8

