

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\  
 Data File : VN054999.D  
 Acq On : 12 Apr 2019 15:13  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Apr 13 02:25:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041319W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 13 02:20:24 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 404751   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 631134   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 554669   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 204566   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65   | 26119    | 4.91 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 9.82%  |          |
| 35) Dibromofluoromethane    | 7.59   | 113  | 21240    | 5.17 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 10.34% |          |
| 50) Toluene-d8              | 10.09  | 98   | 73433    | 4.73 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 9.46%  |          |
| 62) 4-Bromofluorobenzene    | 12.40  | 95   | 24502    | 4.74 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 9.48%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 20775    | 4.355  | ug/l   | 97     |
| 3) Chloromethane              | 2.06 | 50   | 29206    | 4.644  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.19 | 62   | 25399    | 4.658  | ug/l   | 98     |
| 5) Bromomethane               | 2.56 | 94   | 15320    | 4.911  | ug/l   | 97     |
| 6) Chloroethane               | 2.70 | 64   | 13751    | 4.506  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 32582    | 4.898  | ug/l   | 93     |
| 8) Diethyl Ether              | 3.41 | 74   | 9612     | 4.508  | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101  | 17215    | 4.890  | ug/l   | 100    |
| 10) Methyl Iodide             | 3.94 | 142  | 21163    | 4.265  | ug/l # | 91     |
| 11) Tert butyl alcohol        | 4.83 | 59   | 1907     | 6.728  | ug/l # | 64     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 16567    | 4.756  | ug/l   | 87     |
| 13) Acrolein                  | 3.60 | 56   | 9761     | 26.364 | ug/l # | 56     |
| 14) Allyl chloride            | 4.32 | 41   | 35836    | 4.580  | ug/l   | 95     |
| 15) Acrylonitrile             | 5.00 | 53   | 40457    | 24.215 | ug/l   | 99     |
| 16) Acetone                   | 3.82 | 43   | 35000    | 23.373 | ug/l   | 93     |
| 17) Carbon Disulfide          | 4.04 | 76   | 47582    | 4.290  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.33 | 43   | 21826    | 5.385  | ug/l # | 83     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 54875    | 4.759  | ug/l   | 95     |
| 20) Methylene Chloride        | 4.55 | 84   | 25840    | 5.232  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 20085    | 4.567  | ug/l   | 88     |
| 22) Diisopropyl ether         | 5.96 | 45   | 72949    | 4.523  | ug/l   | 91     |
| 23) Vinyl Acetate             | 5.90 | 43   | 239063   | 21.275 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.84 | 63   | 42004    | 4.791  | ug/l   | 99     |
| 25) 2-Butanone                | 6.85 | 43   | 48382    | 23.953 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 26596    | 4.355  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 23994    | 4.790  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.19 | 49   | 21658    | 5.231  | ug/l   | 93     |
| 29) Tetrahydrofuran           | 7.22 | 42   | 33194    | 24.857 | ug/l   | 98     |
| 30) Chloroform                | 7.37 | 83   | 39105    | 4.700  | ug/l   | 100    |
| 31) Cyclohexane               | 7.64 | 56   | 45545    | 4.552  | ug/l # | 91     |
| 32) 1,1,1-Trichloroethane     | 7.56 | 97   | 31172    | 4.458  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 29971    | 4.862  | ug/l   | 97     |
| 37) Ethyl Acetate             | 6.94 | 43   | 20536    | 4.740  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 26934    | 4.540  | ug/l   | 95     |

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 Data File : VN054999.D  
 Acq On : 12 Apr 2019 15:13  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Apr 13 02:25:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041319W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 13 02:20:24 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 32625    | 4.803  | ug/l   | 97       |
| 40) Benzene                    | 8.04  | 78   | 89324    | 5.007  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.17  | 41   | 9233     | 3.738  | ug/l # | 77       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 32507    | 5.174  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 33669    | 4.619  | ug/l   | 97       |
| 44) Trichloroethene            | 8.83  | 130  | 23349    | 5.114  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 26027    | 5.235  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 14080    | 4.953  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 27527    | 4.645  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 16387    | 4.471  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.21  | 88   | 3744     | 99.241 | ug/l   | 87       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 99848    | 24.417 | ug/l   | 97       |
| 52) Toluene                    | 10.15 | 92   | 52303    | 4.982  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 22219    | 4.086  | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 28319    | 4.256  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 19242    | 5.007  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 21929    | 4.381  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 32306    | 4.817  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 41924    | 21.312 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 61013    | 23.989 | ug/l   | 97       |
| 60) Dibromochloromethane       | 10.90 | 129  | 17341    | 4.337  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 17510    | 4.859  | ug/l   | 93       |
| 64) Tetrachloroethene          | 10.63 | 164  | 22941    | 5.165  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 52786    | 4.726  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 18696    | 4.571  | ug/l   | 94       |
| 67) Ethyl Benzene              | 11.51 | 91   | 97699    | 4.854  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.62 | 106  | 72151    | 9.796  | ug/l   | 96       |
| 69) o-Xylene                   | 11.95 | 106  | 34306    | 4.783  | ug/l   | 98       |
| 70) Styrene                    | 11.96 | 104  | 53389    | 4.635  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 10287    | 4.155  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.25 | 105  | 90147    | 5.252  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 24045    | 5.003  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 23643    | 5.526  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 26308    | 7.121  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 21648    | 5.201  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 97903    | 5.176  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 60675    | 5.176  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 74266    | 5.272  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 3646     | 4.136  | ug/l # | 76       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 57751    | 5.209  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 64969    | 5.408  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 70730    | 5.194  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 82692    | 5.321  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 68587    | 5.127  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 35502    | 5.145  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 33374    | 5.074  | ug/l   | 94       |
| 89) n-Butylbenzene             | 13.61 | 91   | 48082    | 4.529  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 11357    | 5.104  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 35538    | 5.230  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 2788     | 4.682  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\  
Data File : VN054999.D  
Acq On : 12 Apr 2019 15:13  
Operator : JC/SP  
Sample : VSTDICC005  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Quant Time: Apr 13 02:25:07 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041319W.M  
Quant Title : SW846 8260  
QLast Update : Sat Apr 13 02:20:24 2019  
Response via : Initial Calibration

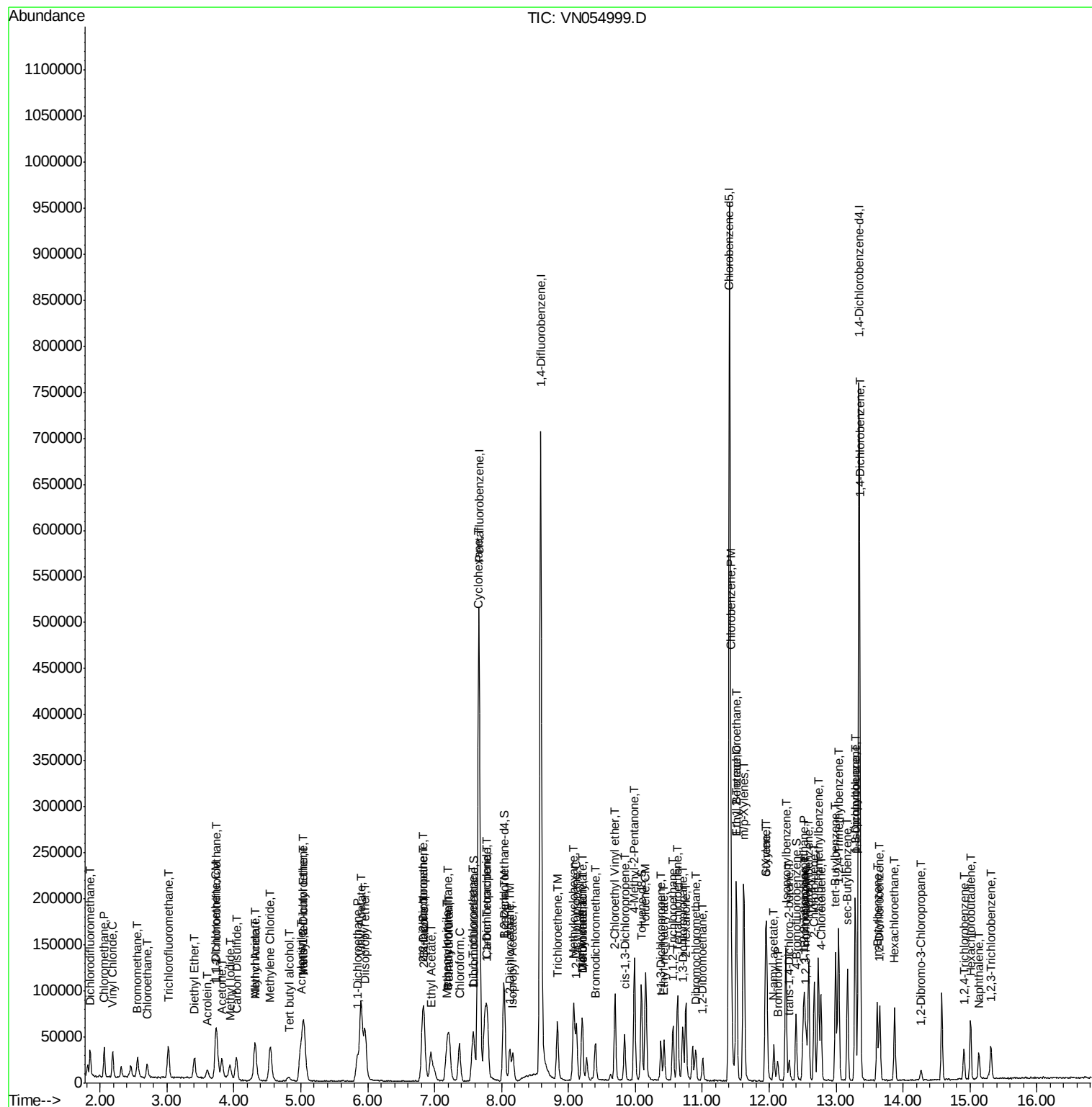
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 10468    | 3.504 | ug/l  | 93       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 12960    | 5.692 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 23517    | 3.564 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 12402    | 3.995 | ug/l  | 99       |

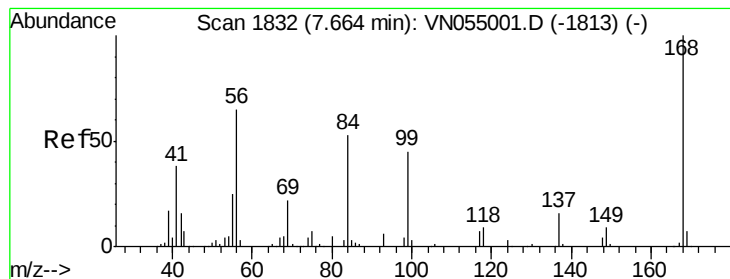
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\  
 Data File : VN054999.D  
 Acq On : 12 Apr 2019 15:13  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Apr 13 02:25:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041319W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 13 02:20:24 2019  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

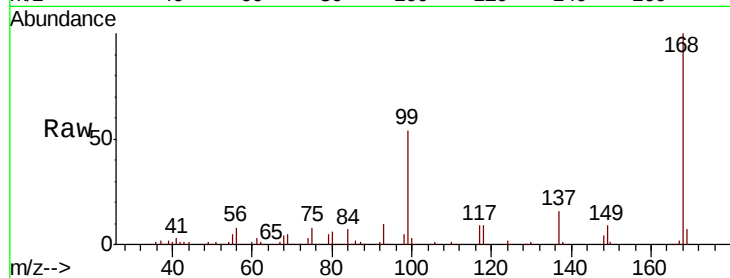
VSTDIC005

Tot Ion:168 Resp: 404751

Ion Ratio Lower Upper

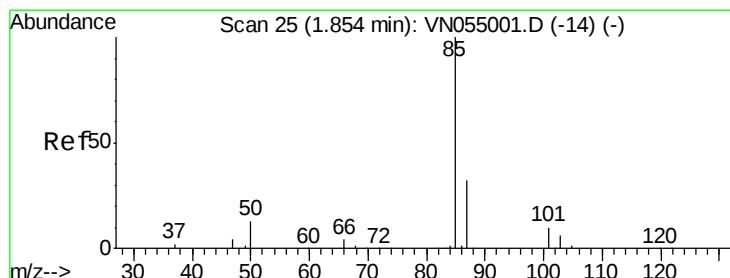
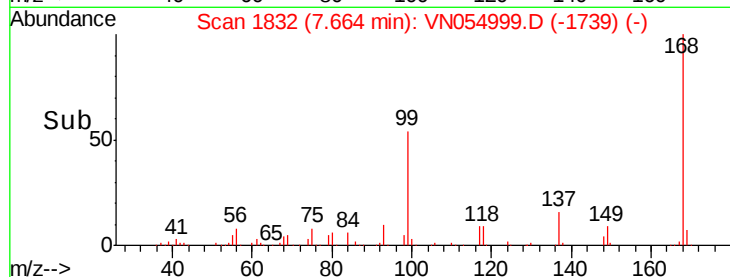
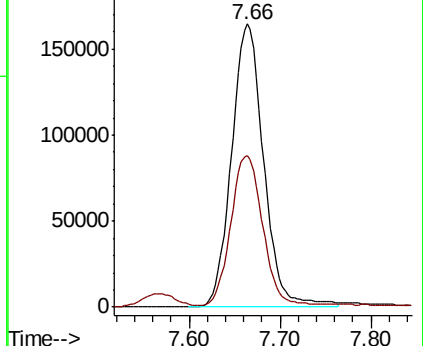
168 100

99 52.5 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 4.355 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN054999.D

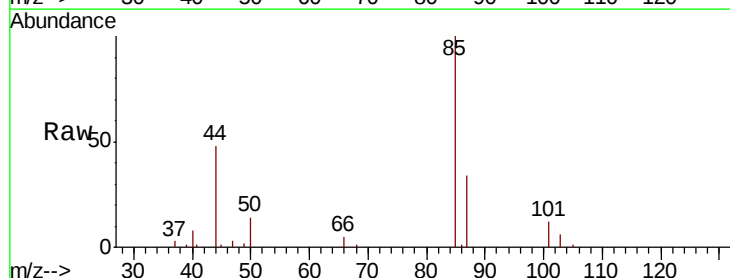
Acq: 12 Apr 2019 15:13

Tgt Ion: 85 Resp: 20775

Ion Ratio Lower Upper

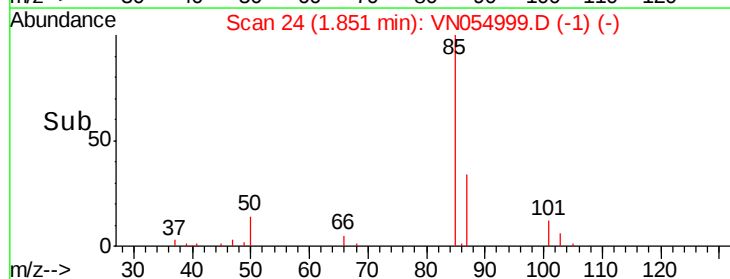
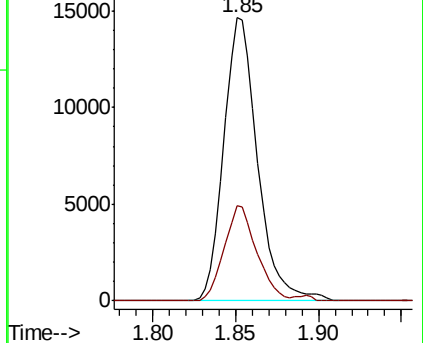
85 100

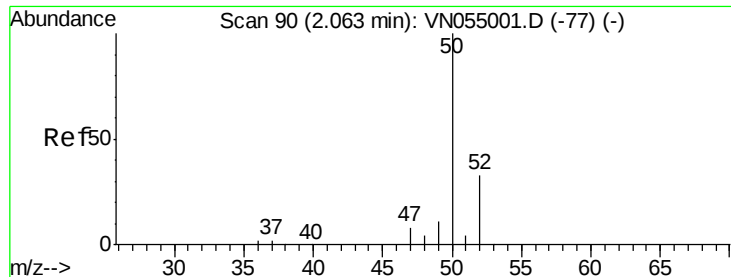
87 33.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 4.644 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

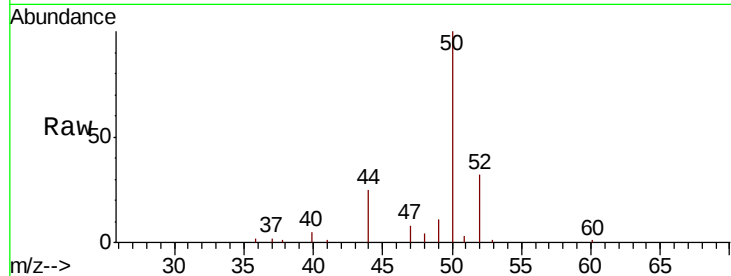
VSTDIC005

Tot Ion: 50 Resp: 29206

Ion Ratio Lower Upper

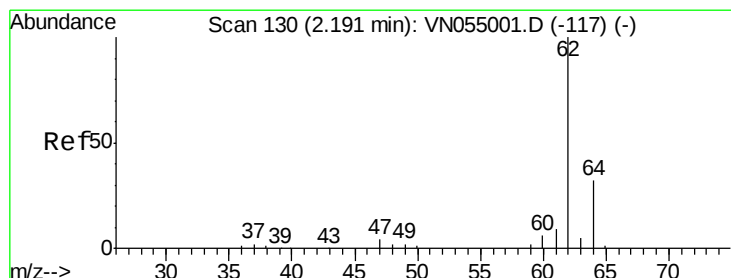
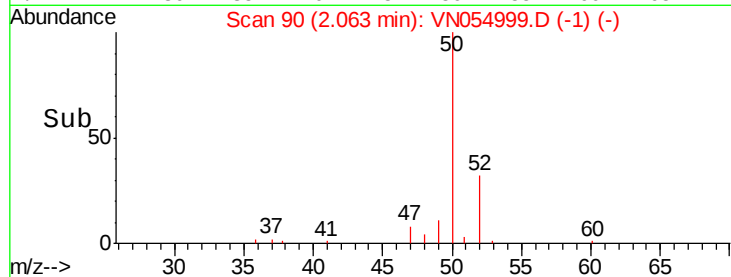
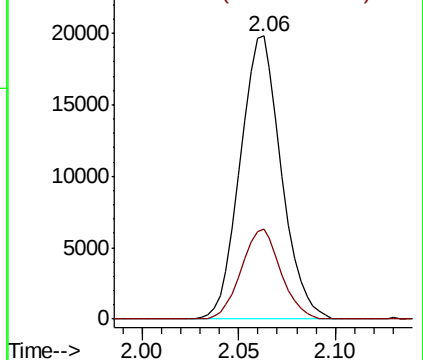
50 100

52 31.8 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 4.658 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054999.D

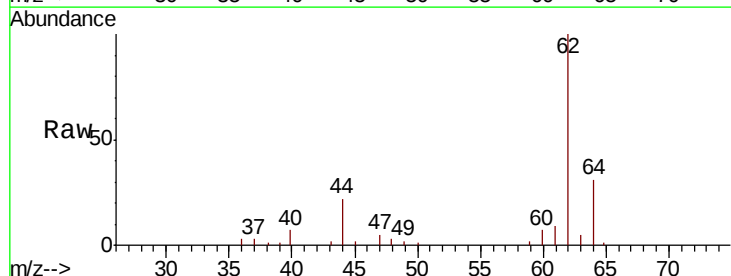
Acq: 12 Apr 2019 15:13

Tgt Ion: 62 Resp: 25399

Ion Ratio Lower Upper

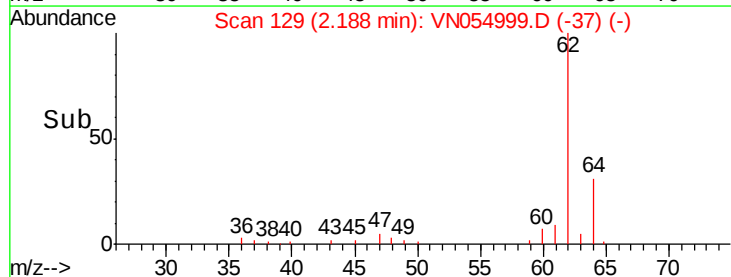
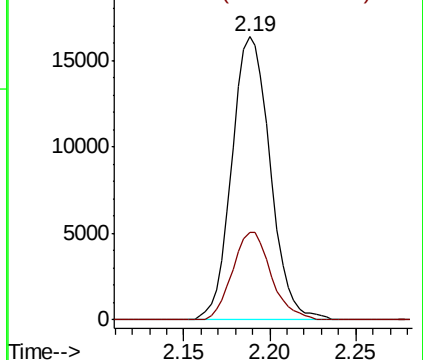
62 100

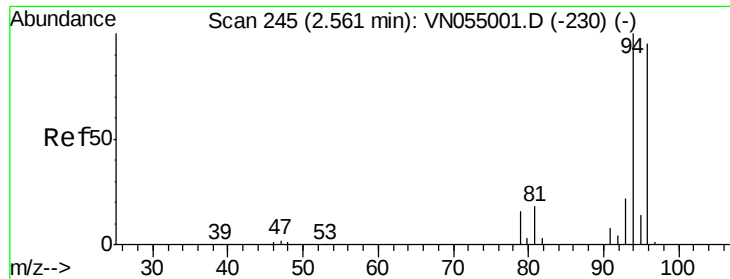
64 31.1 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 4.911 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

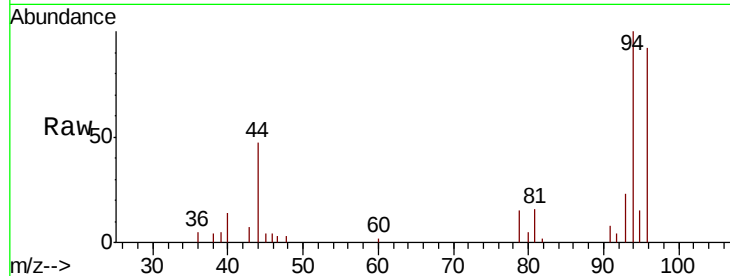
VSTDIC005

Tot Ion: 94 Resp: 15320

Ion Ratio Lower Upper

94 100

96 92.1 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN055001.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN055001.D (-230) (-)

2.56

8000

6000

4000

2000

0

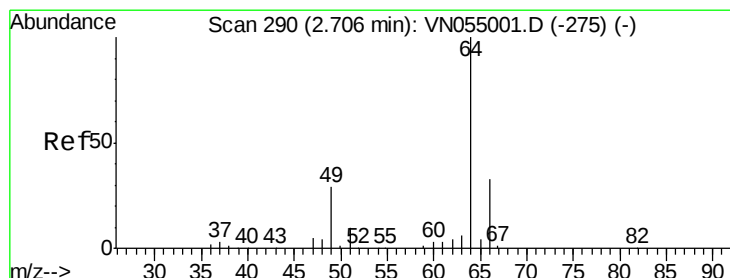
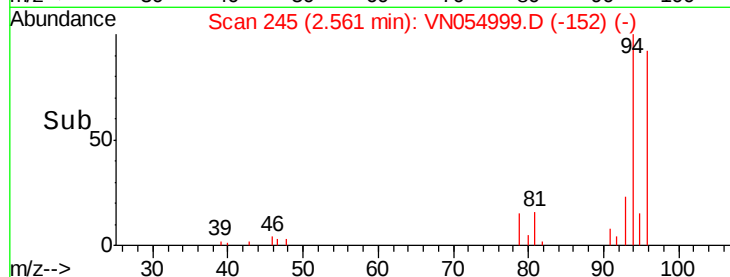
Time-->

2.50

2.55

2.60

2.65



#6

Chloroethane

Concen: 4.506 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN054999.D

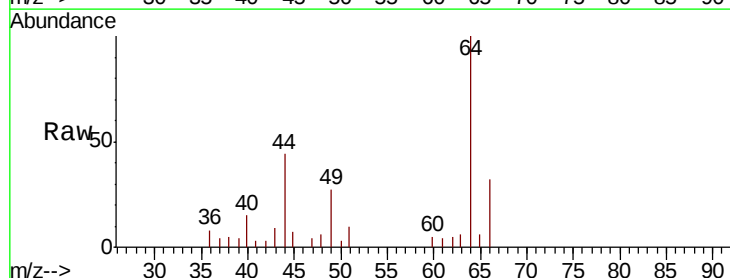
Acq: 12 Apr 2019 15:13

Tgt Ion: 64 Resp: 13751

Ion Ratio Lower Upper

64 100

66 31.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN055001.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN055001.D (-275) (-)

2.70

8000

6000

4000

2000

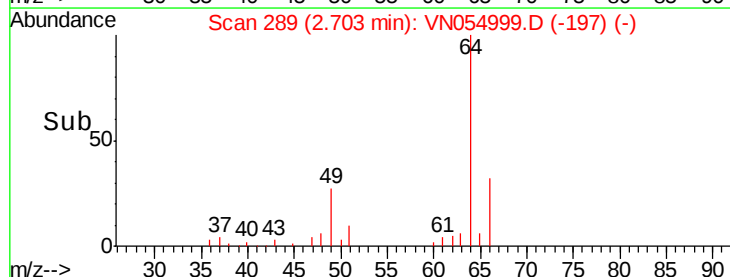
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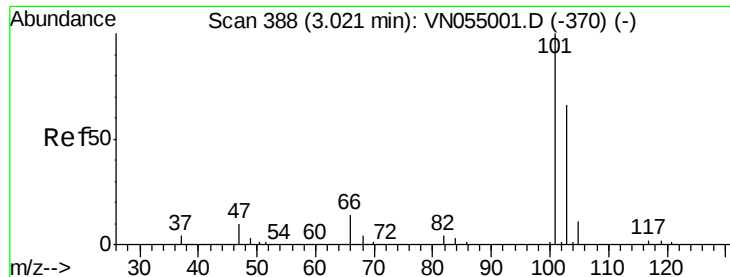
Time-->

2.65

2.70

2.75



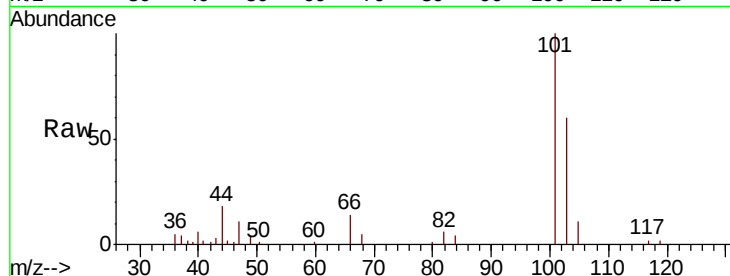


#7

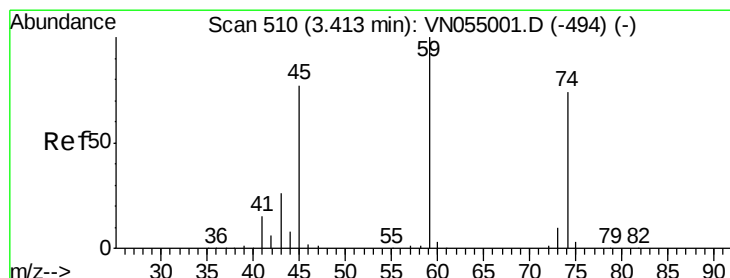
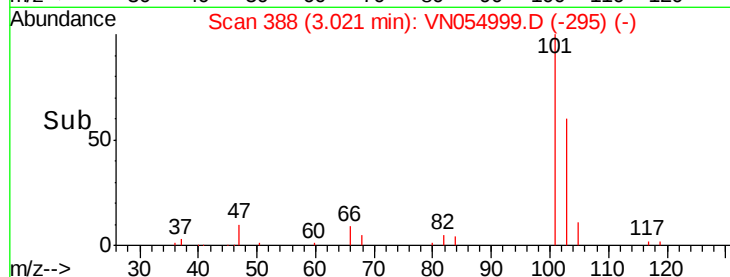
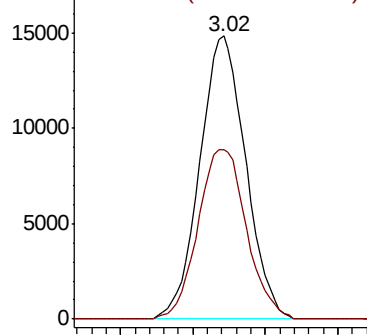
Trichlorofluoromethane  
 Concen: 4.898 ug/l  
 RT: 3.02 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: VN054999.D  
 Acq: 12 Apr 2019 15:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tot Ion:101 Resp: 32582  
 Ion Ratio Lower Upper  
 101 100  
 103 60.0 52.5 78.7



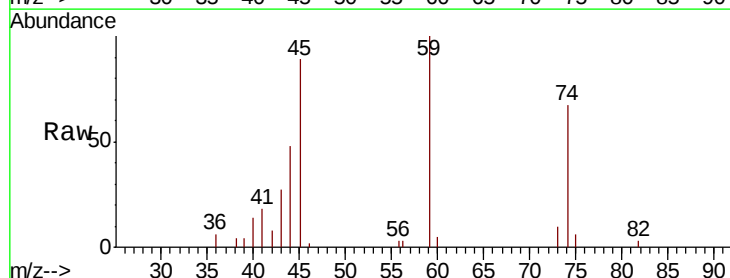
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



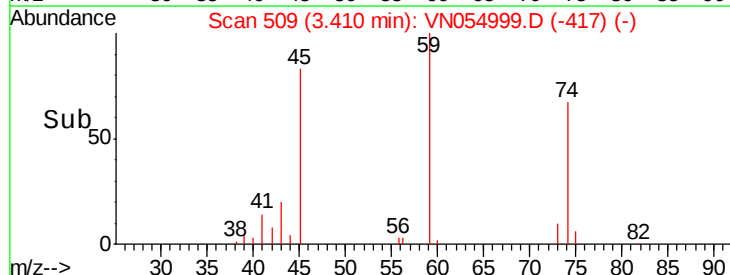
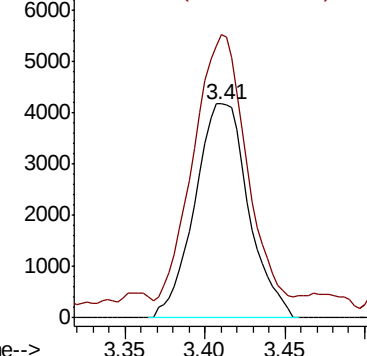
#8

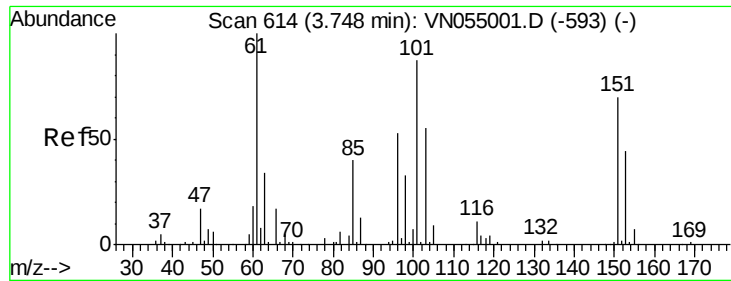
Diethyl Ether  
 Concen: 4.508 ug/l  
 RT: 3.41 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: VN054999.D  
 Acq: 12 Apr 2019 15:13

Tgt Ion: 74 Resp: 9612  
 Ion Ratio Lower Upper  
 74 100  
 45 120.0 55.7 167.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.890 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

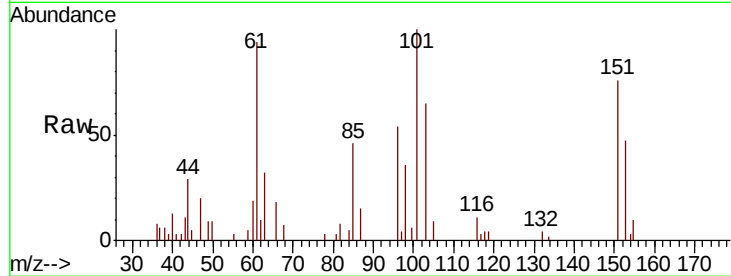
Tot Ion:101 Resp: 17215

Ion Ratio Lower Upper

101 100

85 46.4 36.9 55.3

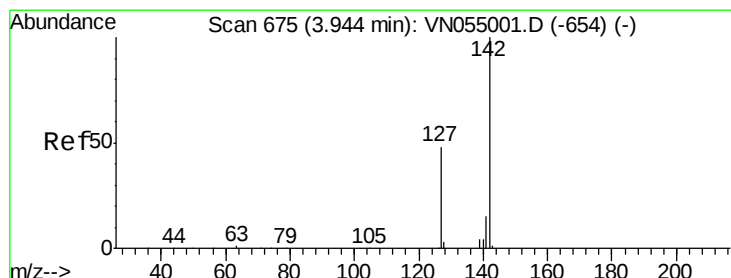
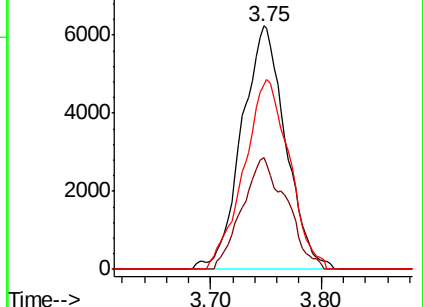
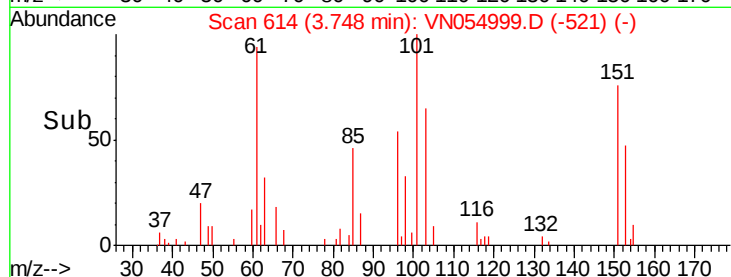
151 80.4 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.265 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

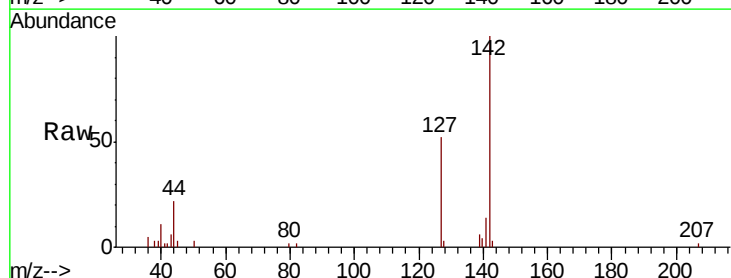
Tgt Ion:142 Resp: 21163

Ion Ratio Lower Upper

142 100

127 51.6 37.9 56.9

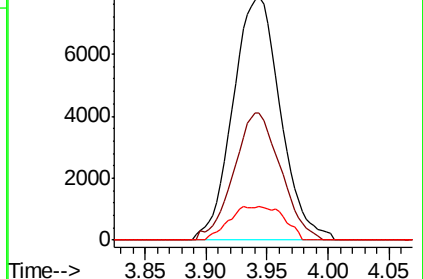
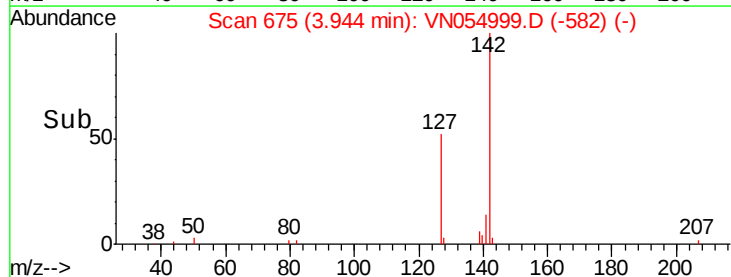
141 7.1 11.8 17.8#

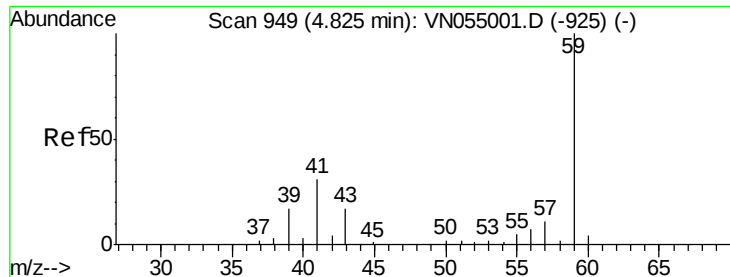


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

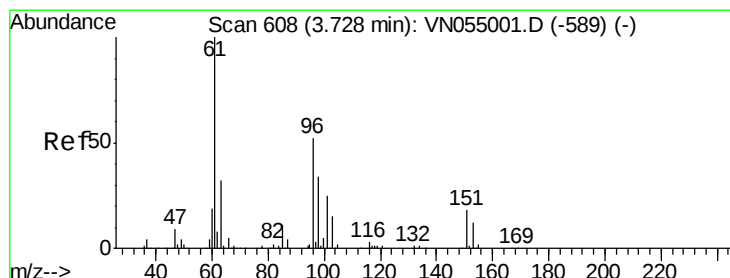
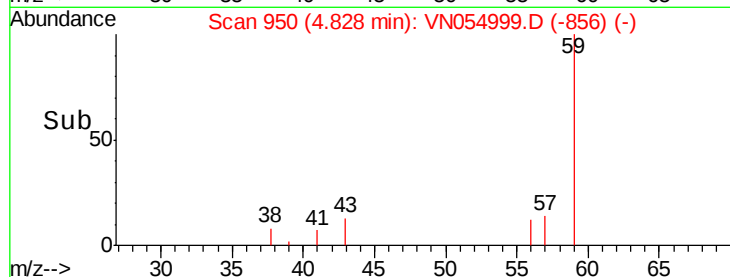
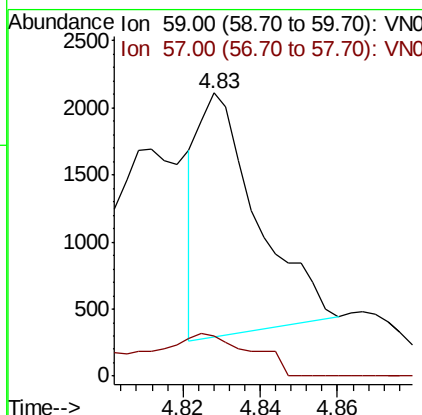
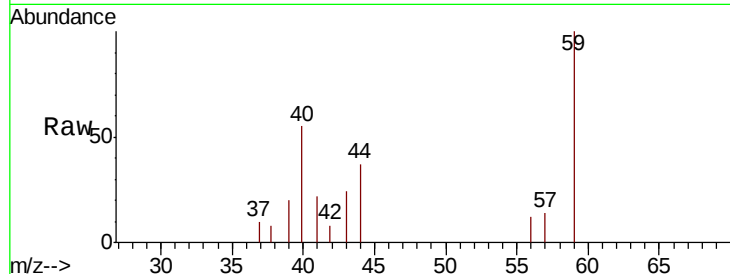




#11  
Tert butyl alcohol  
Concen: 6.728 ug/l  
RT: 4.83 min Scan# 950  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

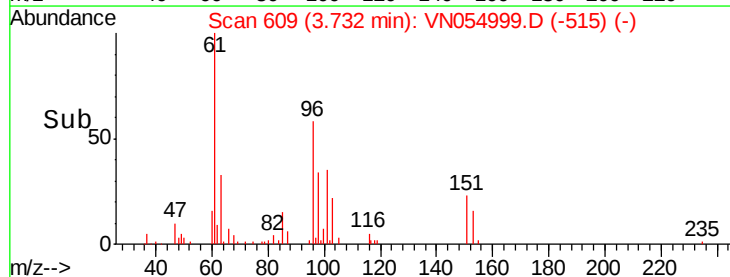
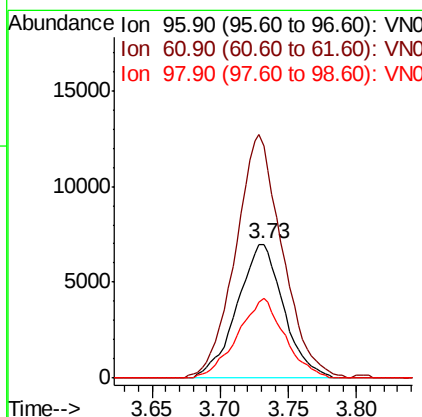
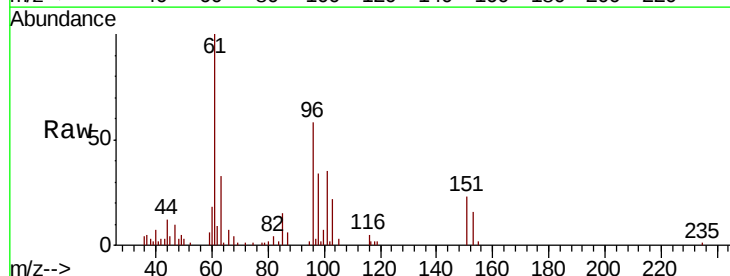
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

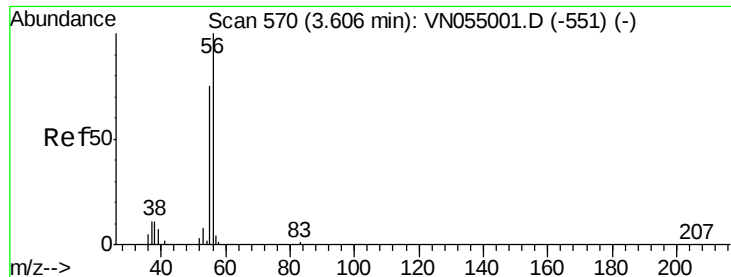
Tot Ion: 59 Resp: 1907  
Ion Ratio Lower Upper  
59 100  
57 23.7 8.3 12.5#



#12  
1,1-Dichloroethene  
Concen: 4.756 ug/l  
RT: 3.73 min Scan# 609  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion: 96 Resp: 16567  
Ion Ratio Lower Upper  
96 100  
61 171.2 154.2 231.4  
98 59.5 52.9 79.3





#13

Acrolein

Concen: 26.364 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

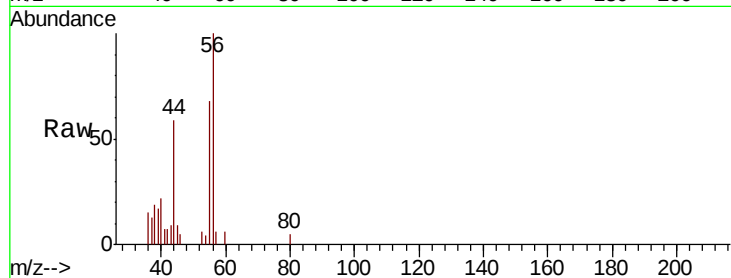
VSTDIC005

Tot Ion: 56 Resp: 9761

Ion Ratio Lower Upper

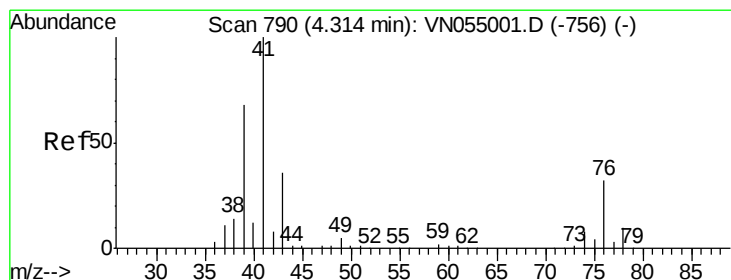
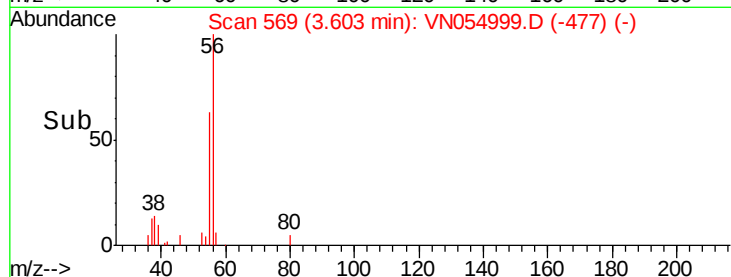
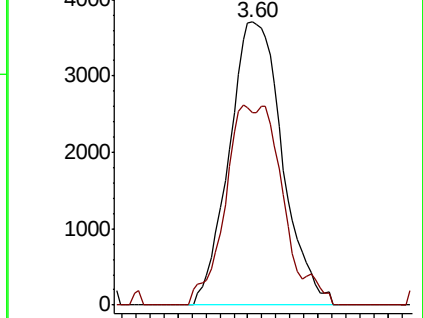
56 100

55 37.3 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN055001.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN055001.D (-551) (-)



#14

Allyl chloride

Concen: 4.580 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

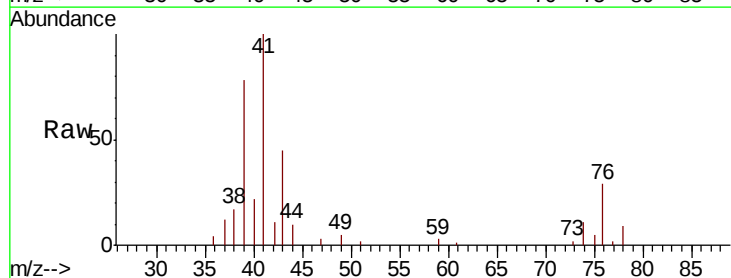
Tgt Ion: 41 Resp: 35836

Ion Ratio Lower Upper

41 100

39 70.9 52.7 79.1

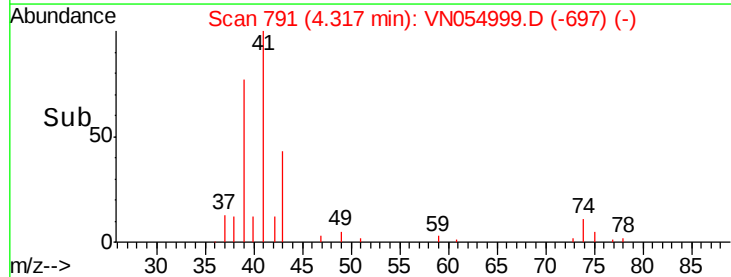
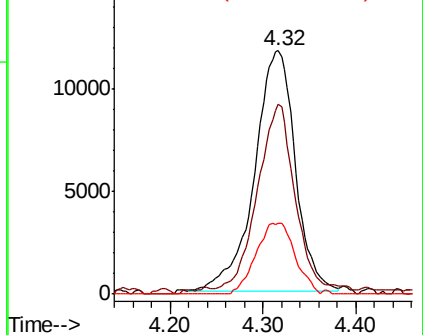
76 28.1 23.2 34.8

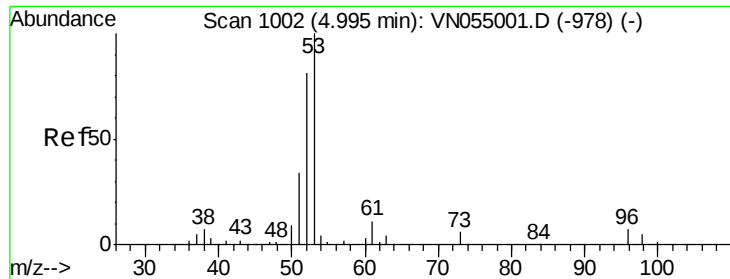


Abundance Ion 41.00 (40.70 to 41.70): VN055001.D (-756) (-)

Ion 39.00 (38.70 to 39.70): VN055001.D (-756) (-)

Ion 75.90 (75.60 to 76.60): VN055001.D (-756) (-)





#15

Acrylonitrile

Concen: 24.215 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

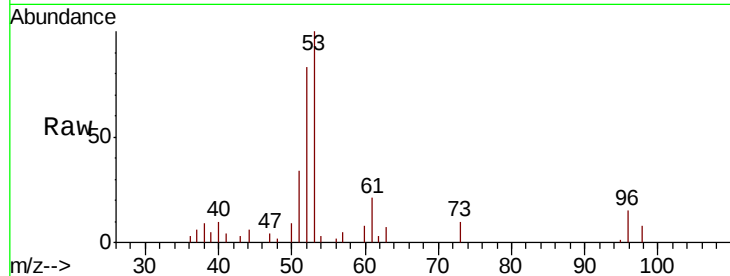
Tot Ion: 53 Resp: 40457

Ion Ratio Lower Upper

53 100

52 81.6 65.9 98.9

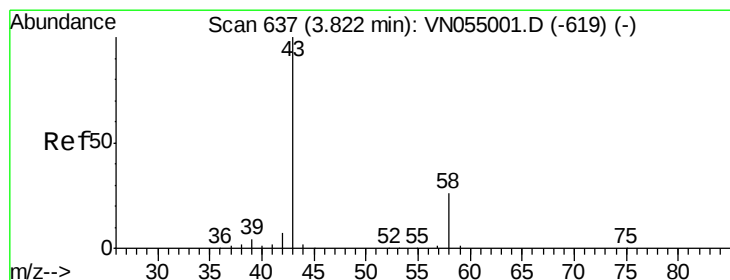
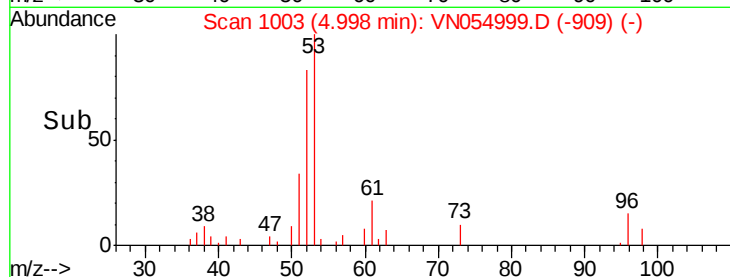
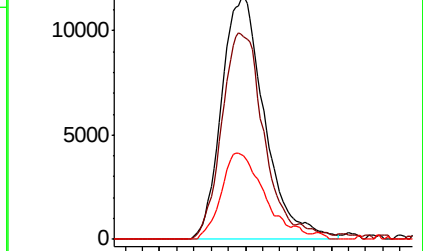
51 35.8 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN055001.D (-978) (-)

Ion 52.00 (51.70 to 52.70): VN055001.D (-978) (-)

Ion 51.00 (50.70 to 51.70): VN055001.D (-978) (-)



#16

Acetone

Concen: 23.373 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN054999.D

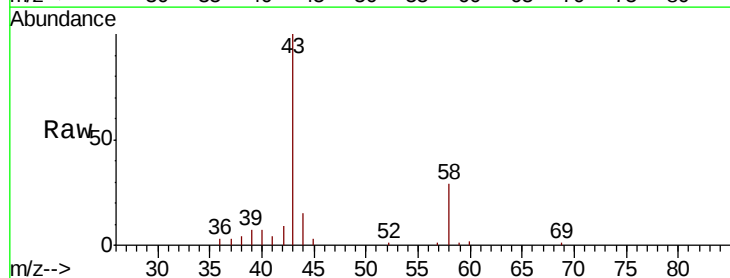
Acq: 12 Apr 2019 15:13

Tgt Ion: 43 Resp: 35000

Ion Ratio Lower Upper

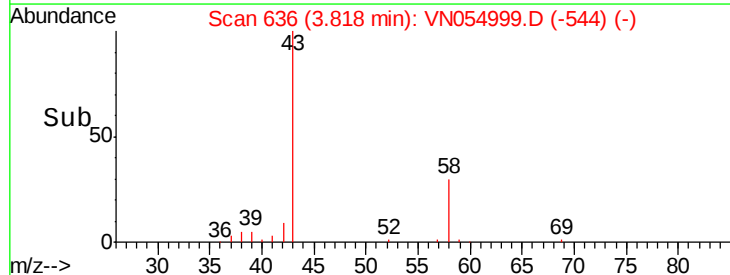
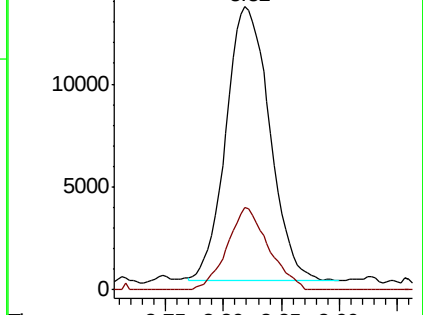
43 100

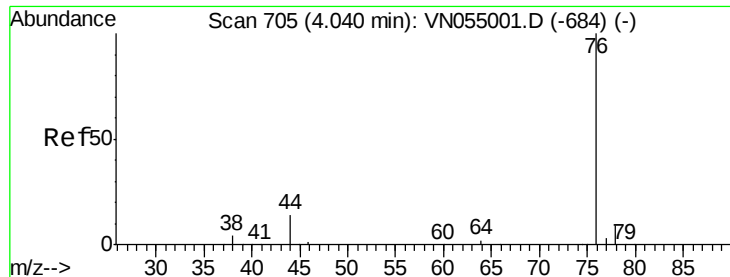
58 29.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-619) (-)

Ion 58.00 (57.70 to 58.70): VN055001.D (-619) (-)





#17

Carbon Disulfide

Concen: 4.290 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

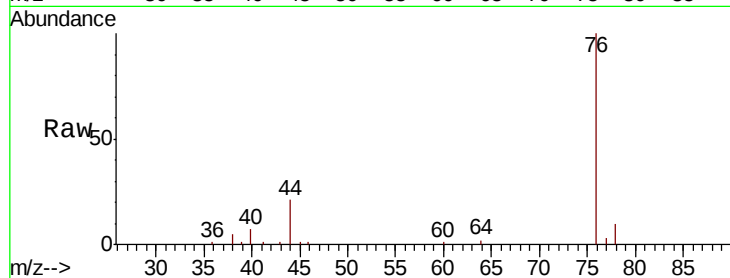
VSTDIC005

Tot Ion: 76 Resp: 47582

Ion Ratio Lower Upper

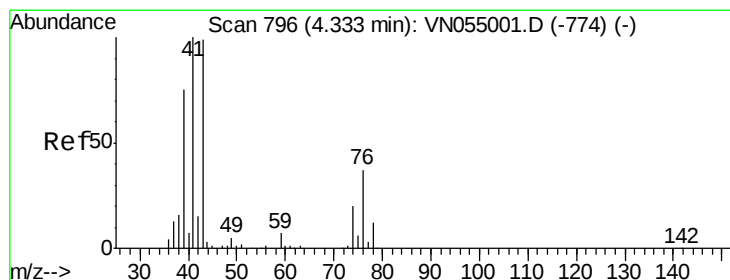
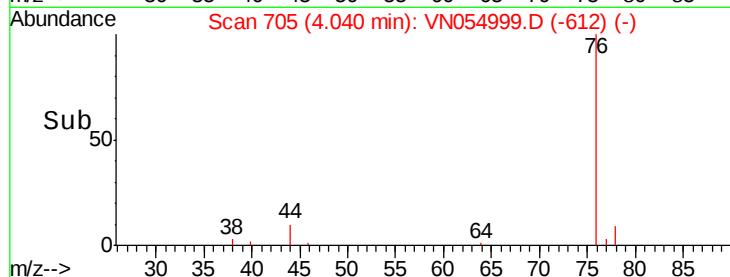
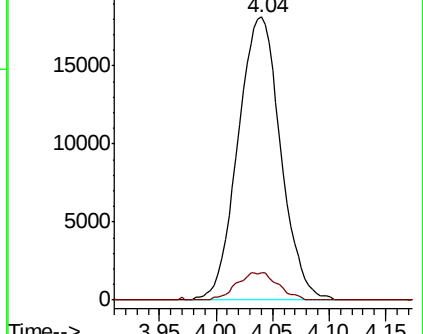
76 100

78 9.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 5.385 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN054999.D

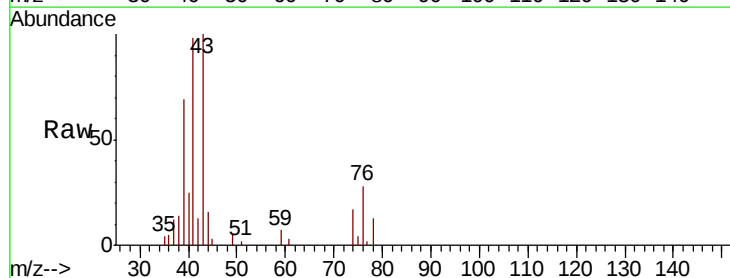
Acq: 12 Apr 2019 15:13

Tgt Ion: 43 Resp: 21826

Ion Ratio Lower Upper

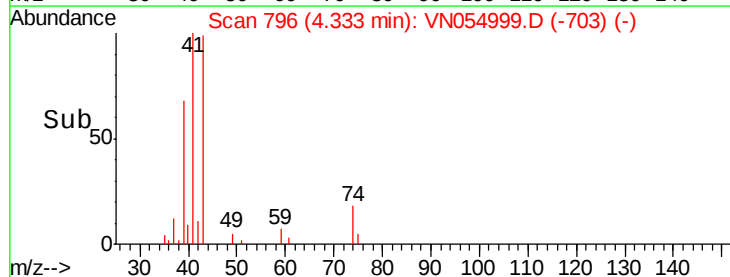
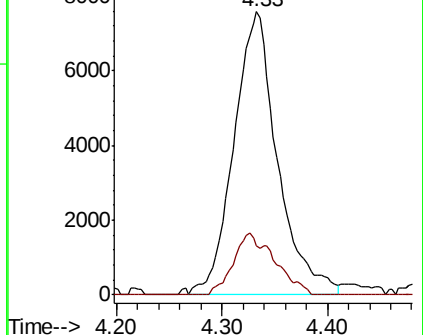
43 100

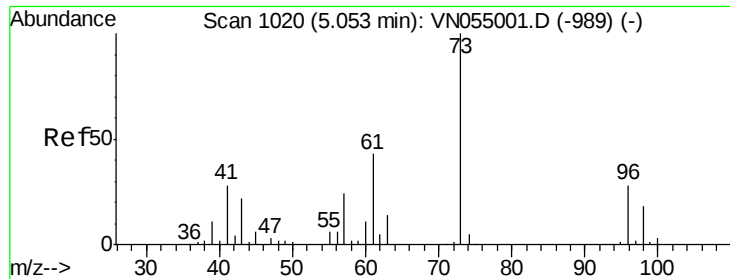
74 12.4 16.1 24.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



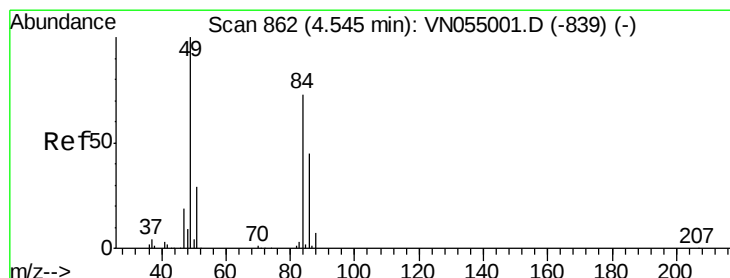
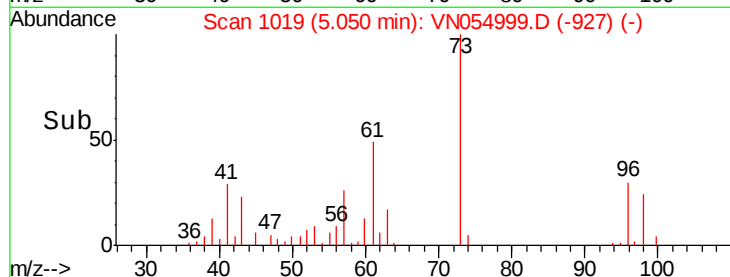
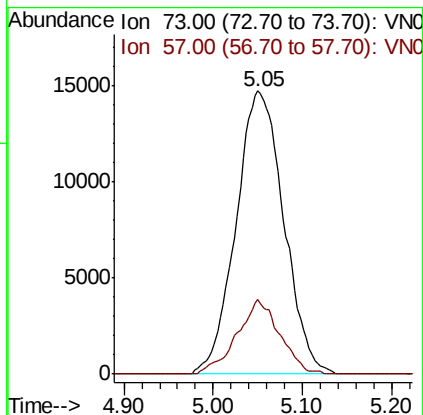
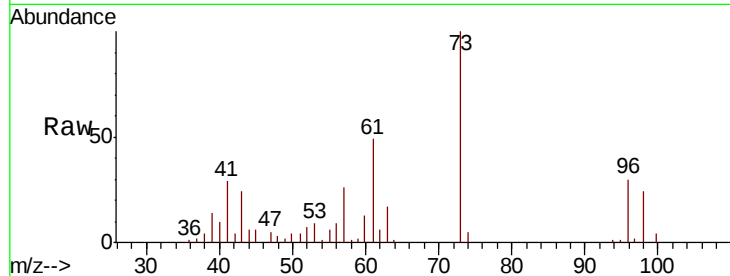


#19

Methyl tert-butyl Ether  
 Concen: 4.759 ug/l  
 RT: 5.05 min Scan# 1019  
 Delta R.T. -0.00 min  
 Lab File: VN054999.D  
 Acq: 12 Apr 2019 15:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

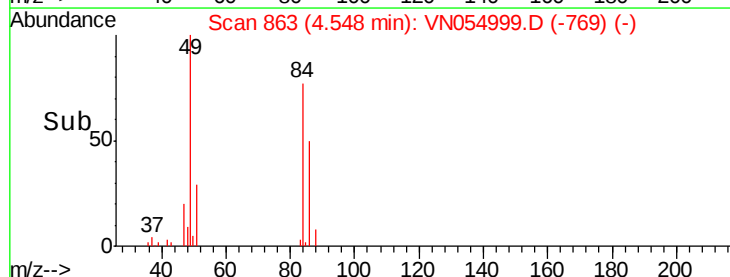
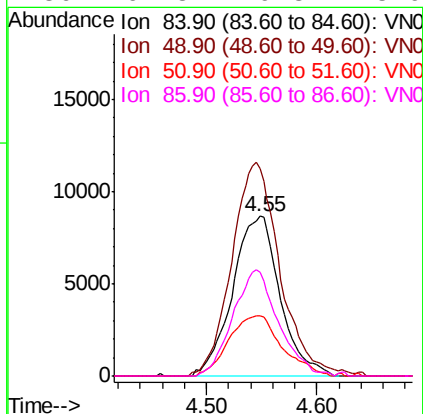
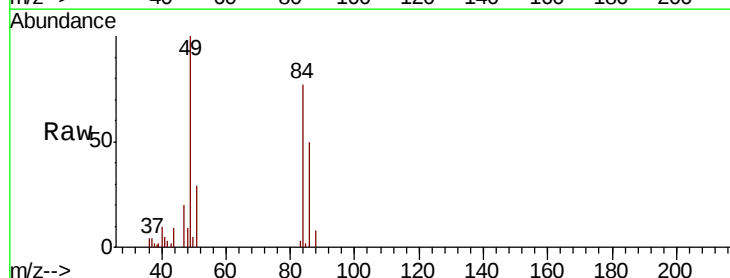
Tot Ion: 73 Resp: 54875  
 Ion Ratio Lower Upper  
 73 100  
 57 26.3 19.0 28.4

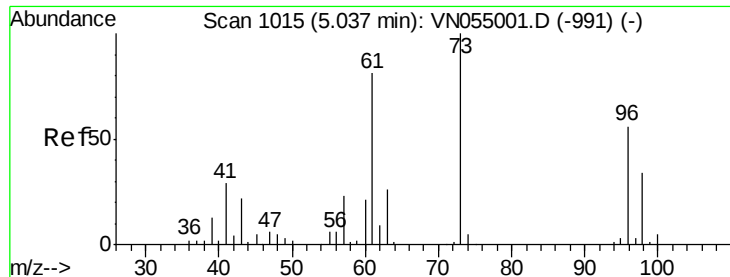


#20

Methylene Chloride  
 Concen: 5.232 ug/l  
 RT: 4.55 min Scan# 863  
 Delta R.T. 0.00 min  
 Lab File: VN054999.D  
 Acq: 12 Apr 2019 15:13

Tgt Ion: 84 Resp: 25840  
 Ion Ratio Lower Upper  
 84 100  
 49 130.5 109.4 164.2  
 51 37.9 32.2 48.4  
 86 64.8 49.3 73.9

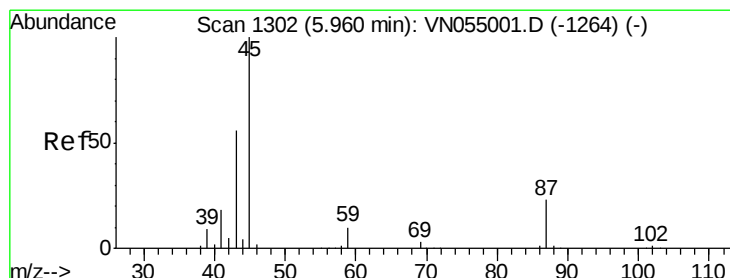
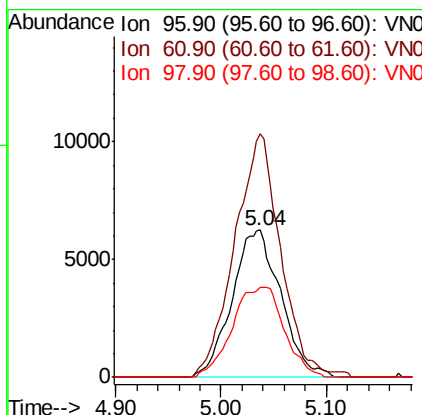
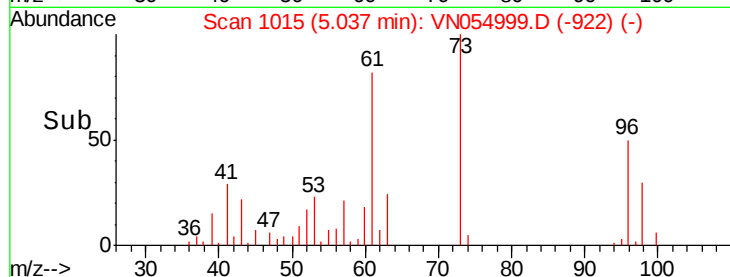
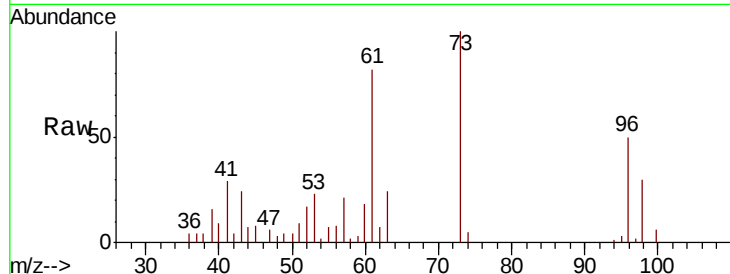




#21  
trans-1,2-Dichloroethene  
Concen: 4.567 ug/l  
RT: 5.04 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

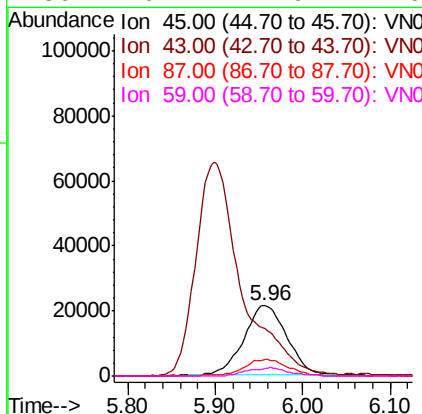
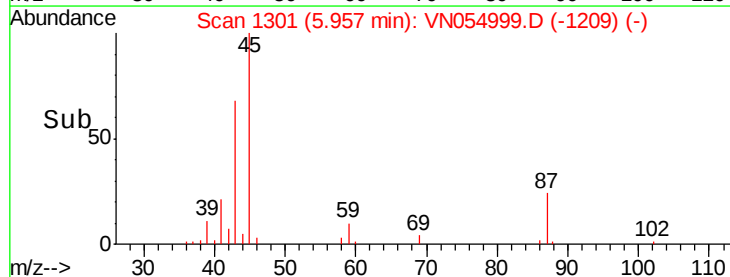
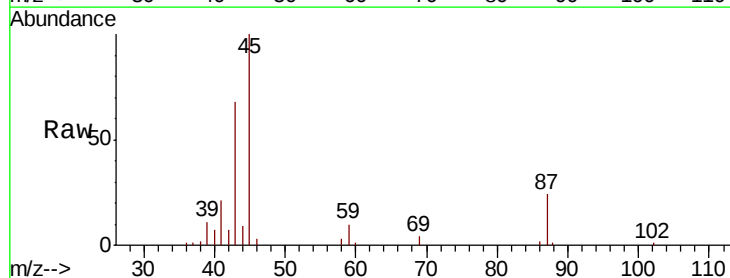
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

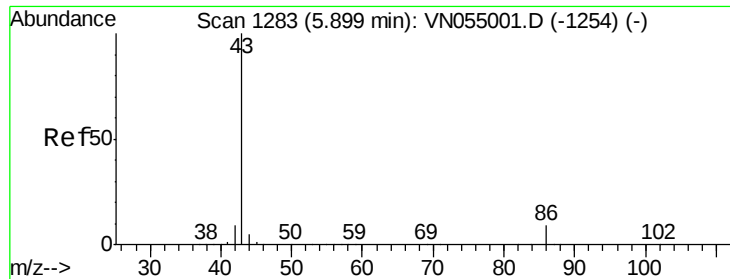
Tot Ion: 96 Resp: 20085  
Ion Ratio Lower Upper  
96 100  
61 165.2 114.9 172.3  
98 60.8 48.4 72.6



#22  
Diisopropyl ether  
Concen: 4.523 ug/l  
RT: 5.96 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion: 45 Resp: 72949  
Ion Ratio Lower Upper  
45 100  
43 65.9 44.8 67.2  
87 23.8 18.9 28.3  
59 10.2 7.9 11.9

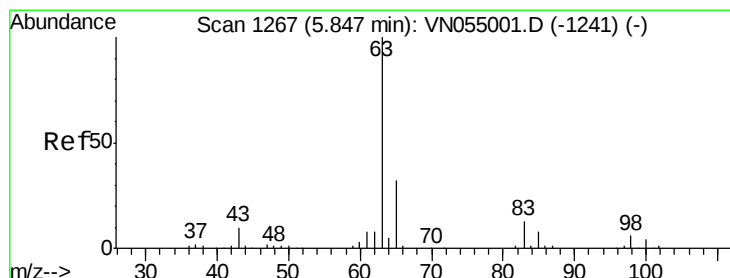
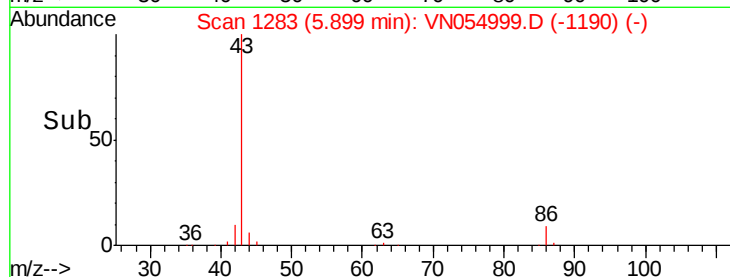
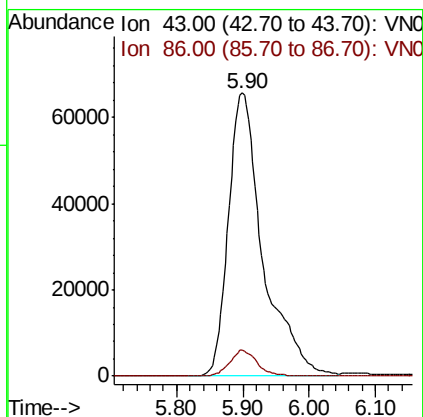
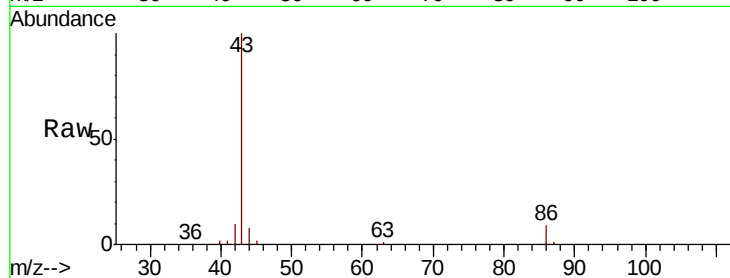




#23  
 Vinyl Acetate  
 Concen: 21.275 ug/l  
 RT: 5.90 min Scan# 1283  
 Delta R.T. 0.00 min  
 Lab File: VN054999.D  
 Acq: 12 Apr 2019 15:13

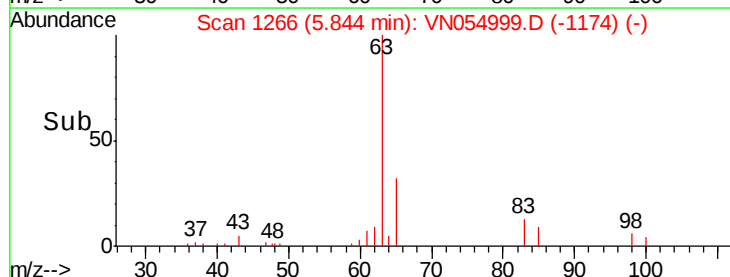
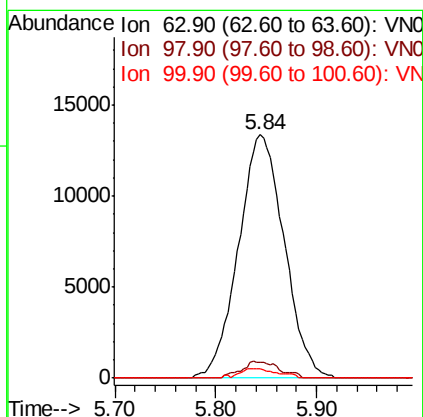
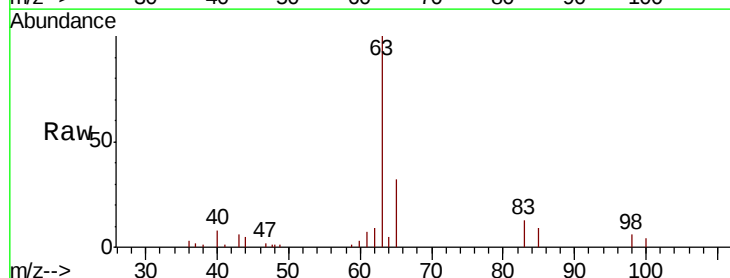
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

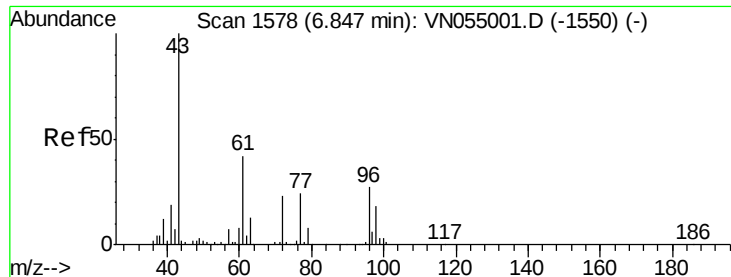
Tot Ion: 43 Resp: 239063  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 7.0 10.4



#24  
 1,1-Dichloroethane  
 Concen: 4.791 ug/l  
 RT: 5.84 min Scan# 1266  
 Delta R.T. -0.00 min  
 Lab File: VN054999.D  
 Acq: 12 Apr 2019 15:13

Tgt Ion: 63 Resp: 42004  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 2.8 8.4  
 100 3.7 2.0 5.8

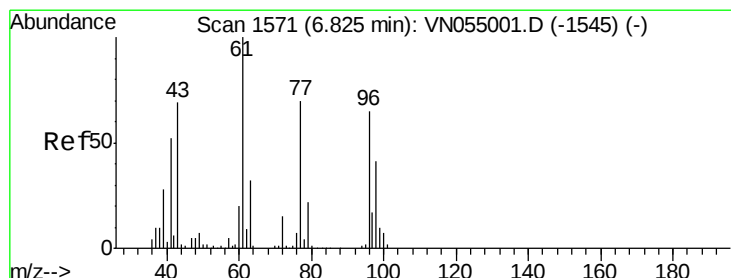
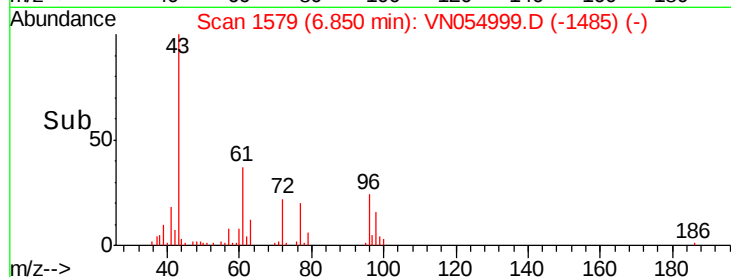
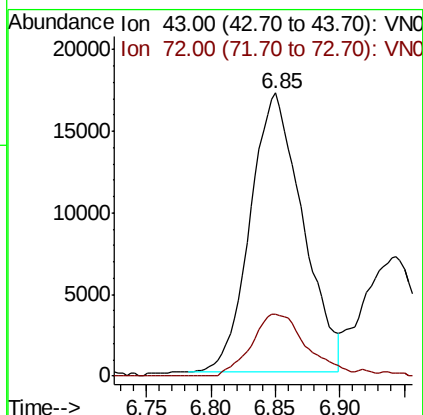
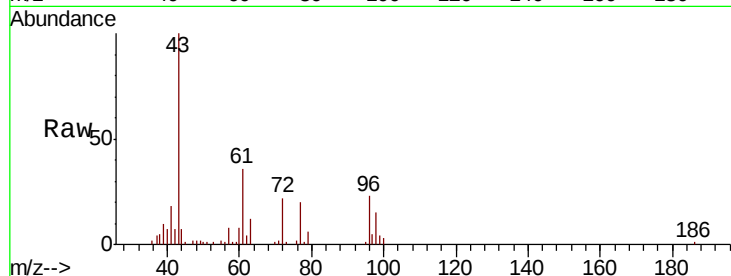




#25  
2-Butanone  
Concen: 23.953 ug/l  
RT: 6.85 min Scan# 1579  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

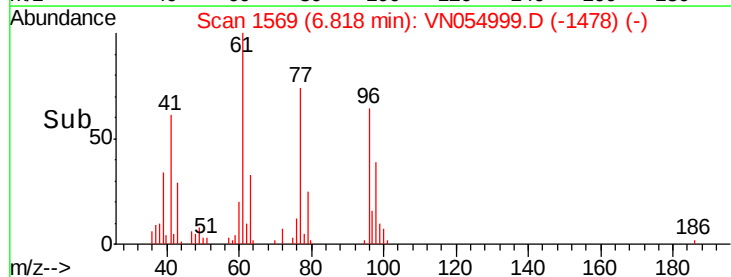
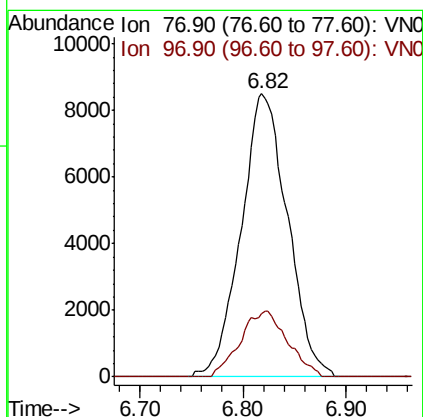
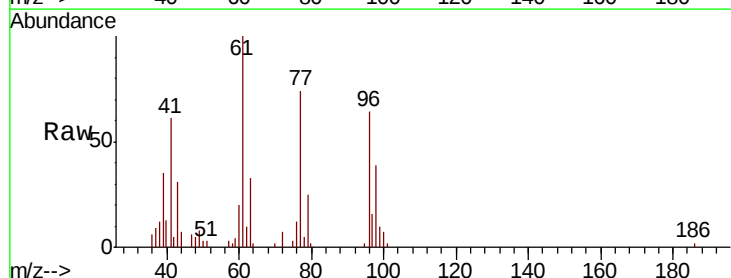
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

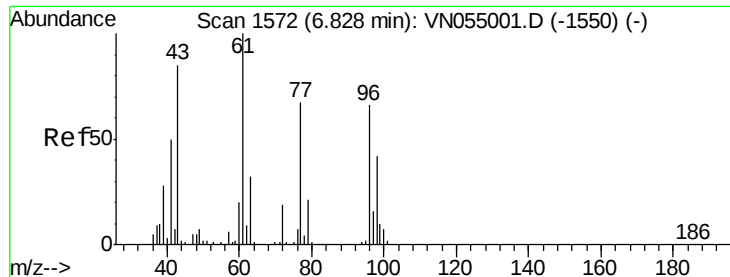
Tot Ion: 43 Resp: 48382  
Ion Ratio Lower Upper  
43 100  
72 22.0 18.1 27.1



#26  
2,2-Dichloropropane  
Concen: 4.355 ug/l  
RT: 6.82 min Scan# 1569  
Delta R.T. -0.01 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion: 77 Resp: 26596  
Ion Ratio Lower Upper  
77 100  
97 23.6 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 4.790 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

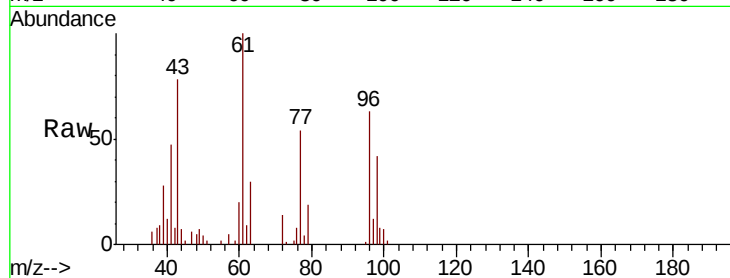
Tot Ion: 96 Resp: 23994

Ion Ratio Lower Upper

96 100

61 158.6 0.0 311.0

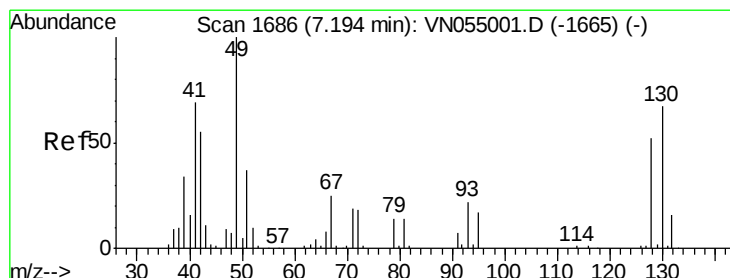
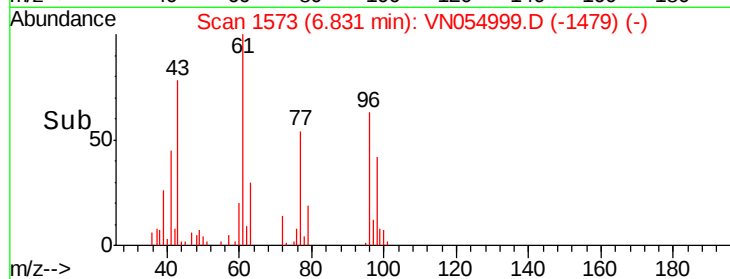
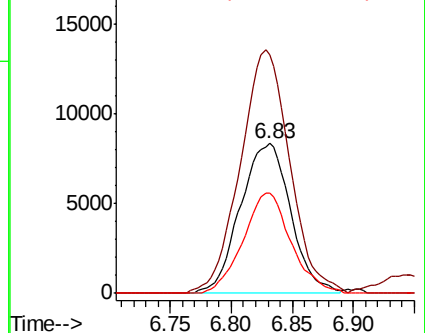
98 63.7 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 5.231 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

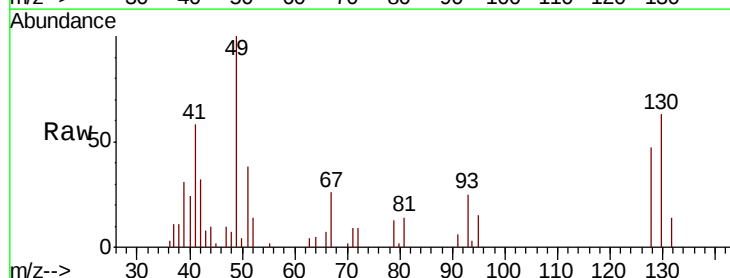
Tgt Ion: 49 Resp: 21658

Ion Ratio Lower Upper

49 100

129 0.1 0.0 2.0

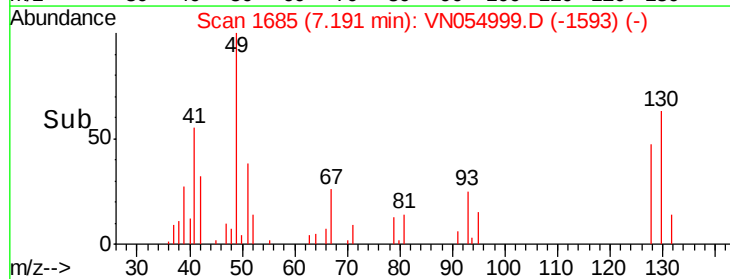
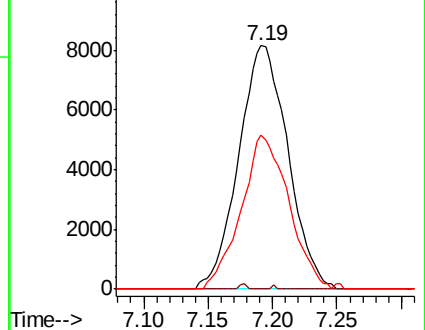
130 61.0 53.4 80.2

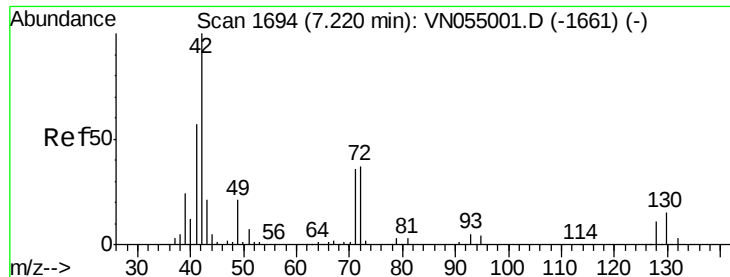


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

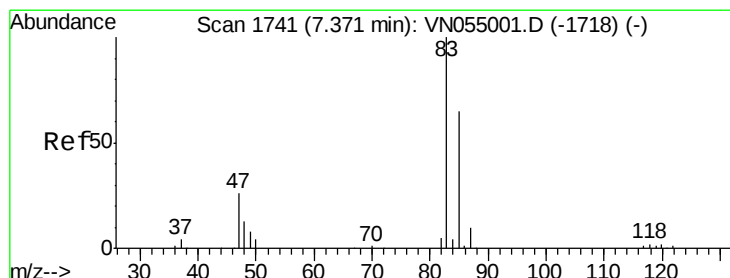
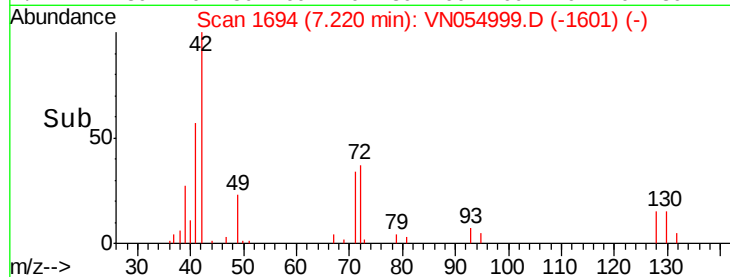
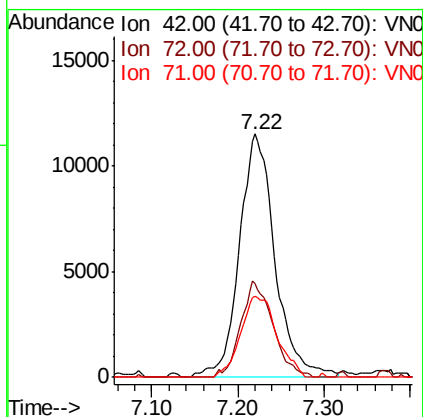
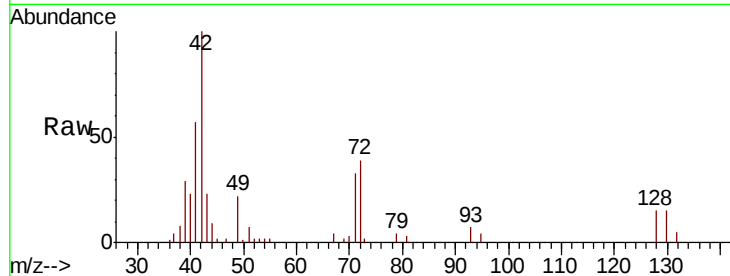




#29  
Tetrahydrofuran  
Concen: 24.857 ug/l  
RT: 7.22 min Scan# 1694  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

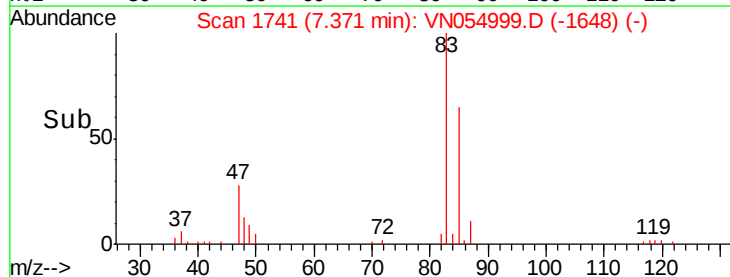
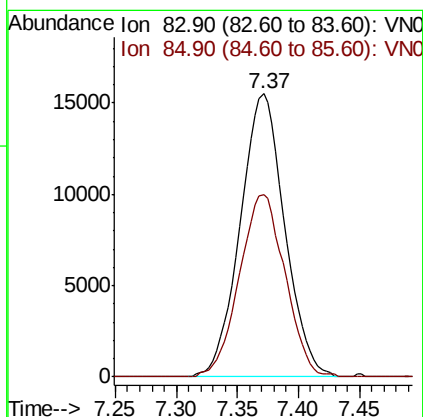
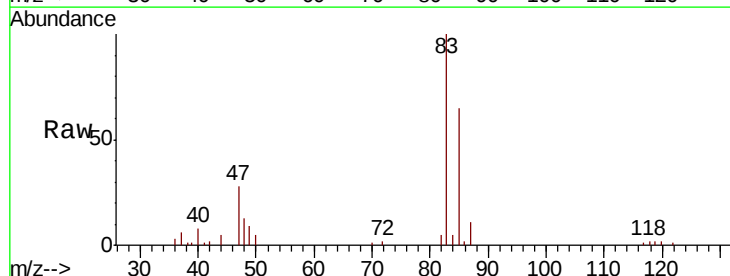
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

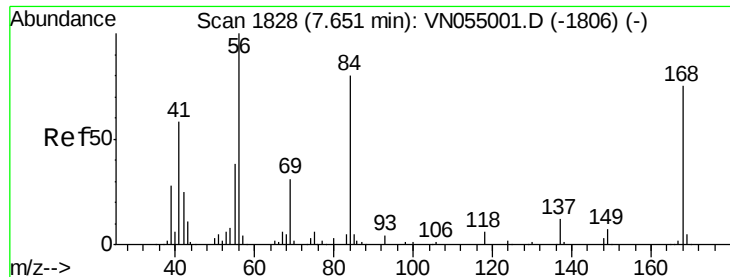
Tot Ion: 42 Resp: 33194  
Ion Ratio Lower Upper  
42 100  
72 35.6 29.4 44.0  
71 33.8 27.8 41.6



#30  
Chloroform  
Concen: 4.700 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion: 83 Resp: 39105  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.8 77.6

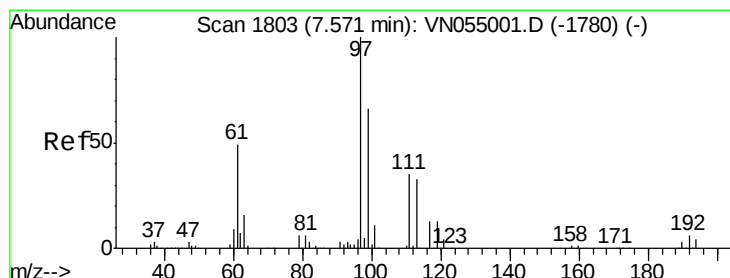
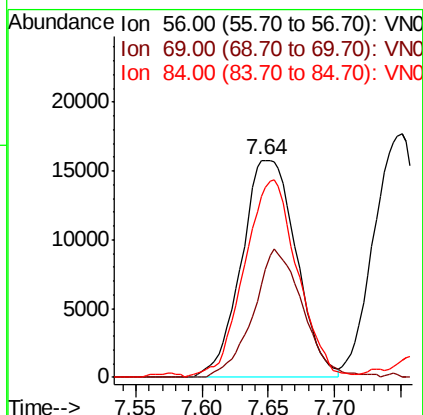
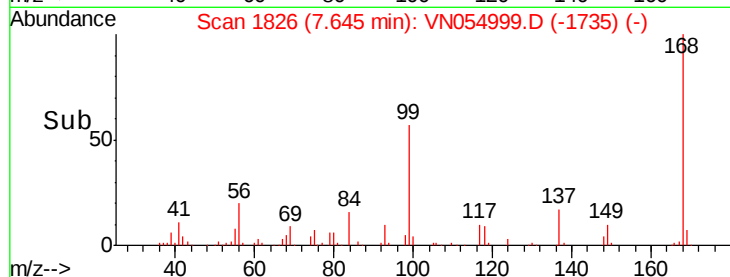
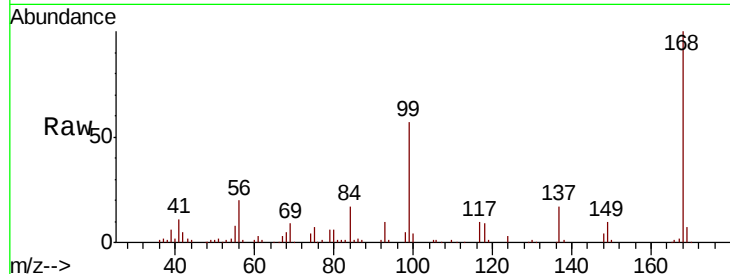




#31  
Cyclohexane  
Concen: 4.552 ug/l  
RT: 7.64 min Scan# 1826  
Delta R.T. -0.01 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

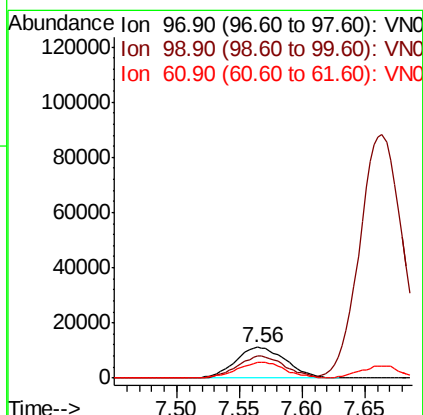
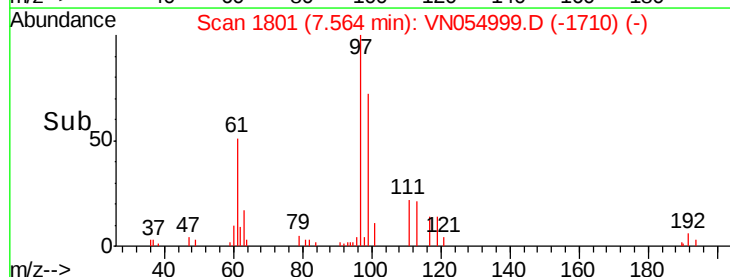
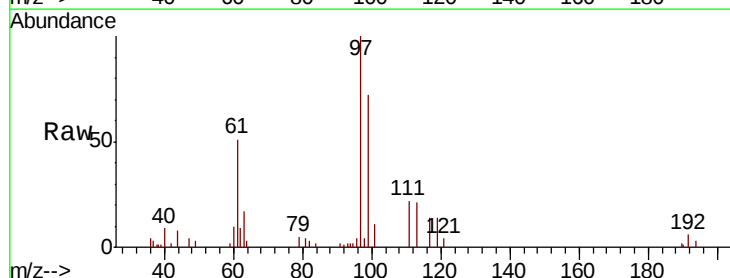
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

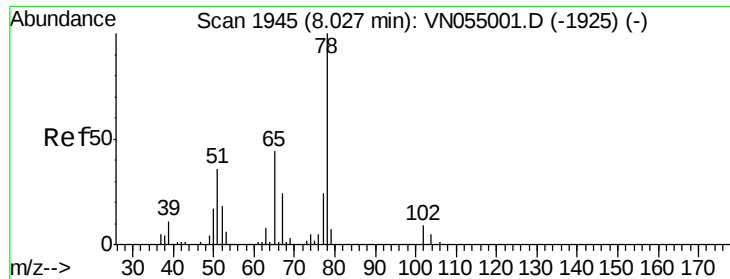
Tot Ion: 56 Resp: 45545  
Ion Ratio Lower Upper  
56 100  
69 42.6 24.5 36.7#  
84 82.2 62.9 94.3



#32  
1,1,1-Trichloroethane  
Concen: 4.458 ug/l  
RT: 7.56 min Scan# 1801  
Delta R.T. -0.01 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion: 97 Resp: 31172  
Ion Ratio Lower Upper  
97 100  
99 67.5 51.6 77.4  
61 49.0 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 4.909 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

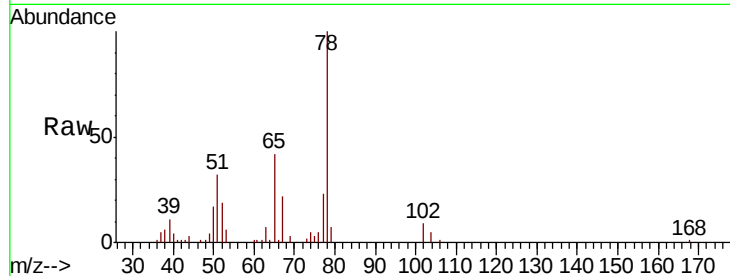
VSTDIC005

Tot Ion: 65 Resp: 26119

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN055001.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN055001.D (-1925) (-)

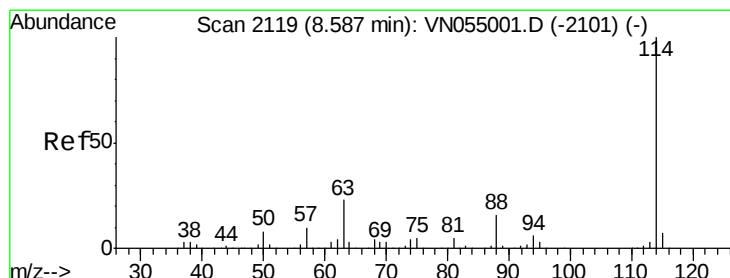
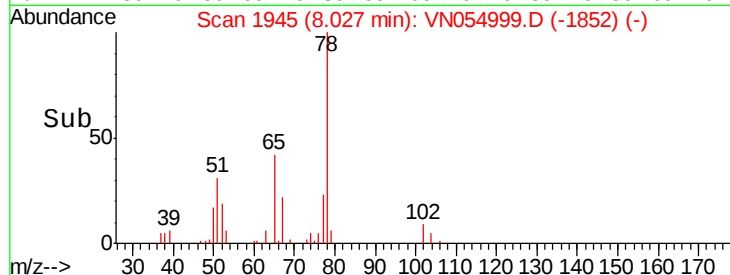
8.03

10000

5000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

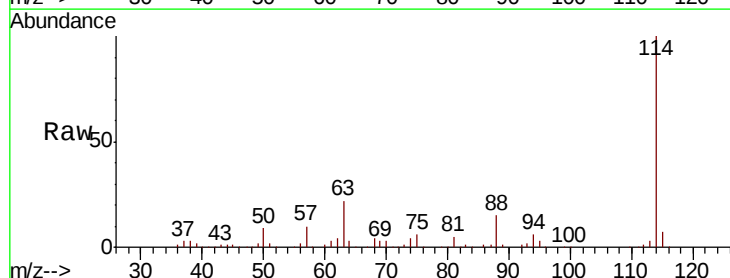
Tgt Ion: 114 Resp: 631134

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

88 15.3 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): VN055001.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055001.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055001.D (-2101) (-)

8.58

400000

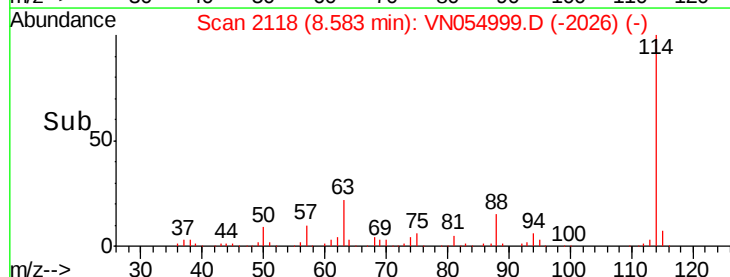
300000

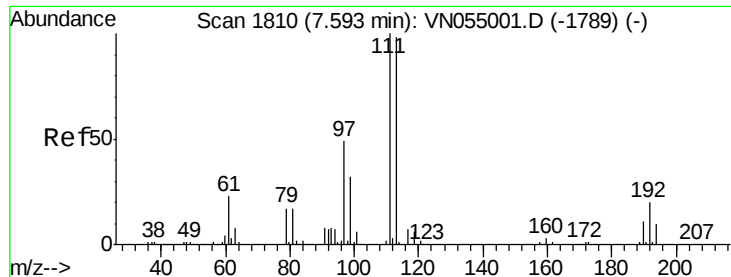
200000

100000

0

Time-->

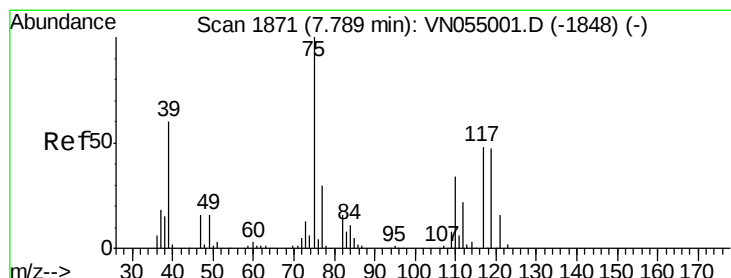
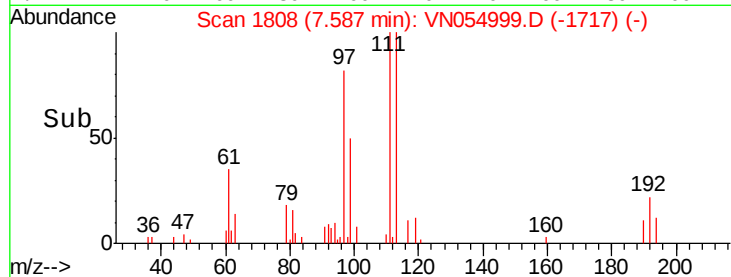
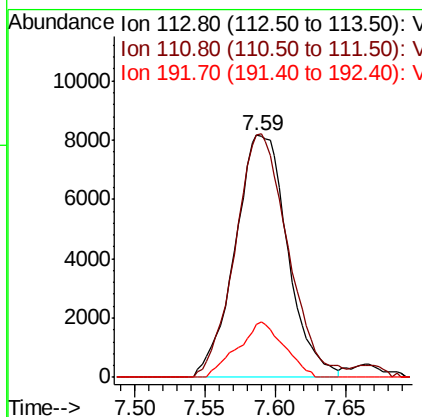
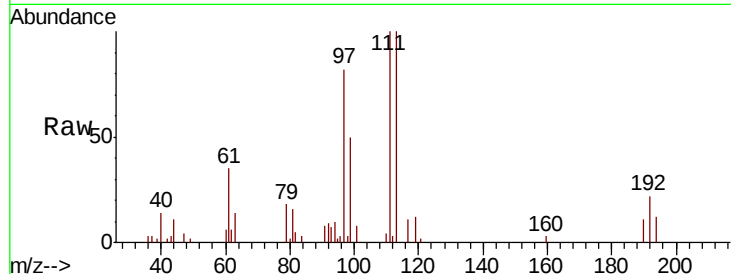




#35  
Dibromofluoromethane  
Concen: 5.171 ug/l  
RT: 7.59 min Scan# 1808  
Delta R.T. -0.01 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

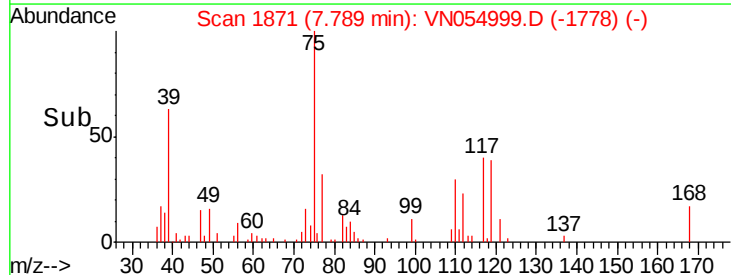
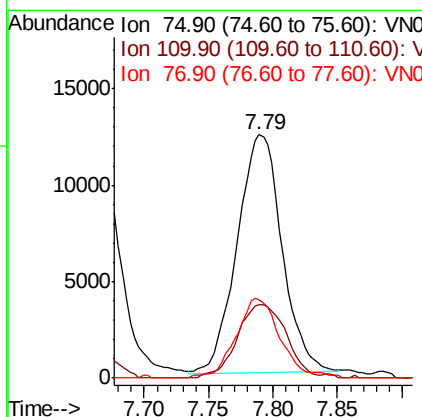
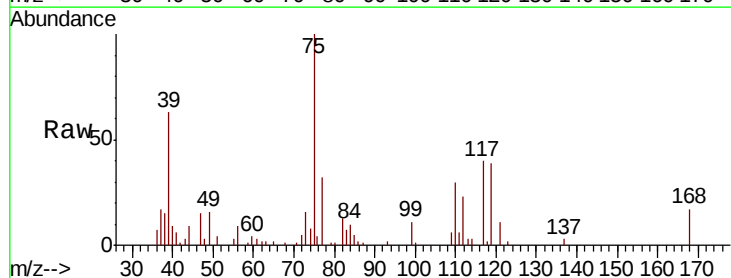
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

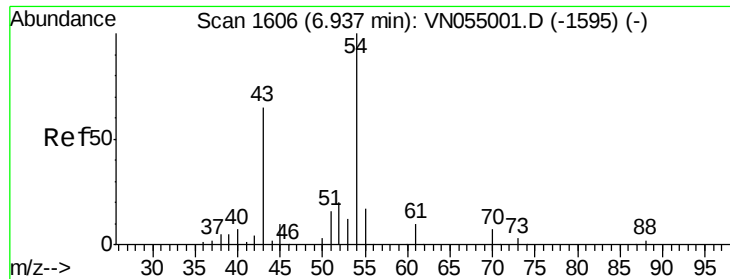
Tot Ion:113 Resp: 21240  
Ion Ratio Lower Upper  
113 100  
111 101.0 82.1 123.1  
192 20.1 16.5 24.7



#36  
1,1-Dichloropropene  
Concen: 4.862 ug/l  
RT: 7.79 min Scan# 1871  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion: 75 Resp: 29971  
Ion Ratio Lower Upper  
75 100  
110 34.0 17.5 52.5  
77 33.1 24.9 37.3

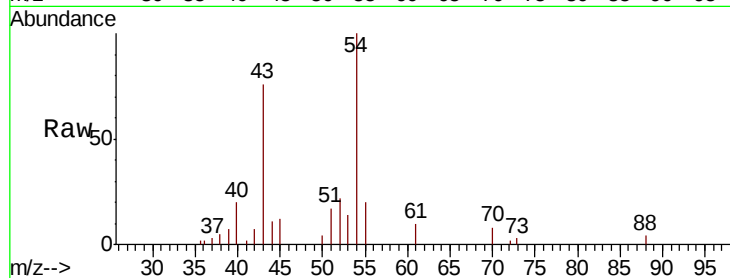




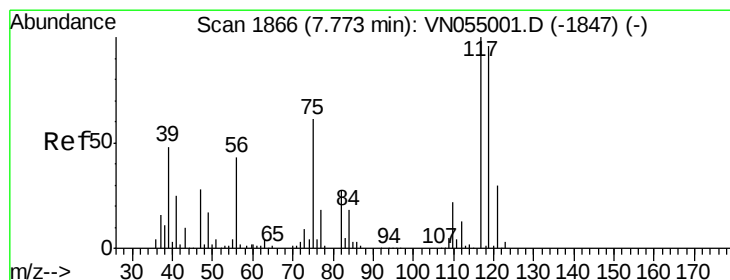
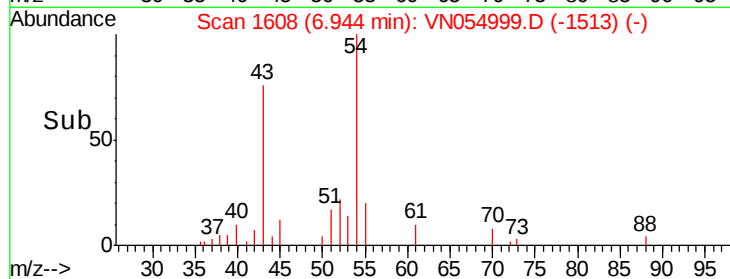
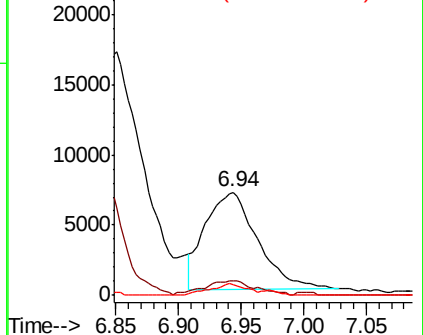
#37  
Ethyl Acetate  
Concen: 4.740 ug/l  
RT: 6.94 min Scan# 1608  
Delta R.T. 0.01 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

Tot Ion: 43 Resp: 20536  
Ion Ratio Lower Upper  
43 100  
61 14.7 10.0 15.0  
70 8.0 7.1 10.7

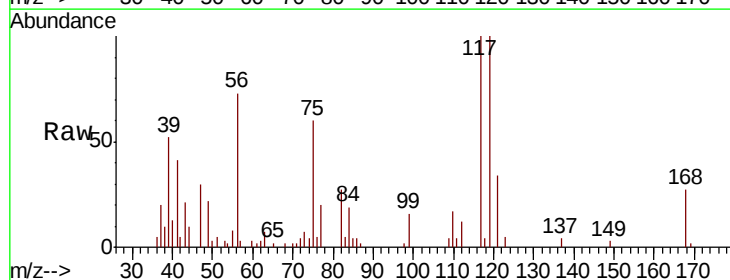


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

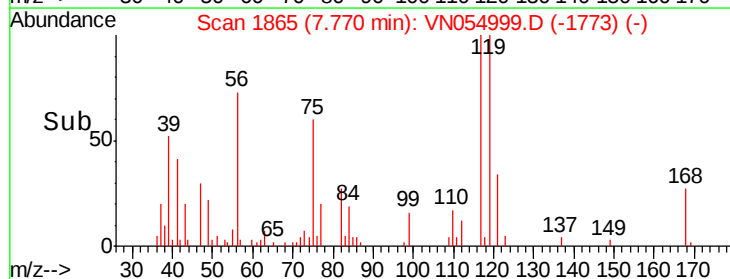
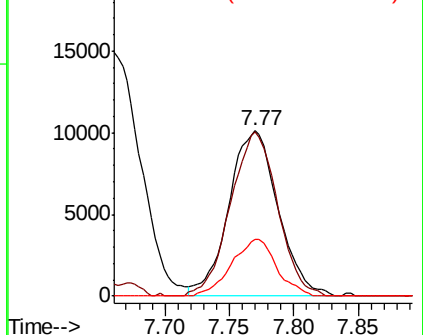


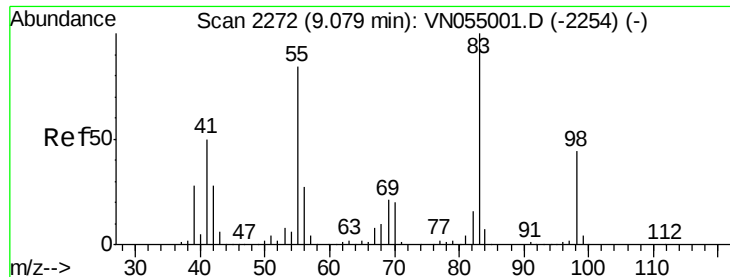
#38  
Carbon Tetrachloride  
Concen: 4.540 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. -0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion: 117 Resp: 26934  
Ion Ratio Lower Upper  
117 100  
119 99.5 76.3 114.5  
121 34.1 23.9 35.9



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

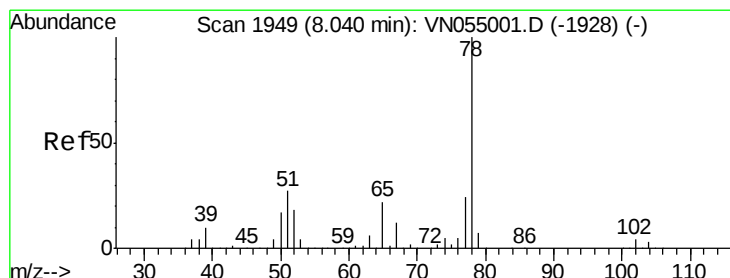
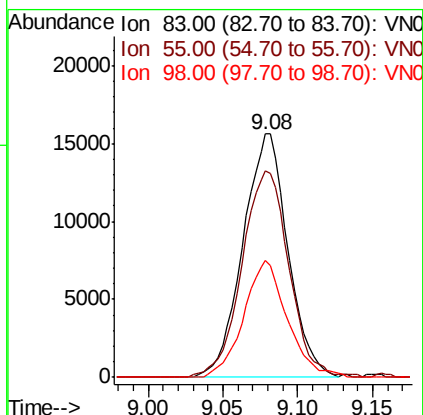
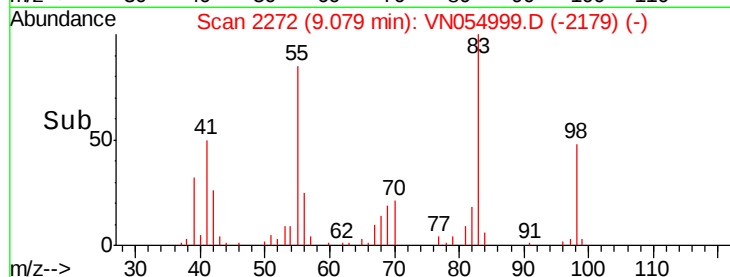
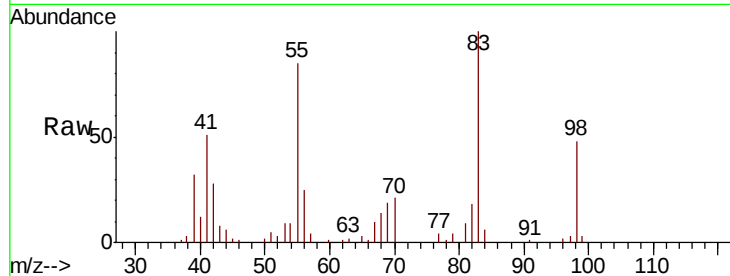




#39  
Methvlcvclohexane  
Concen: 4.803 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

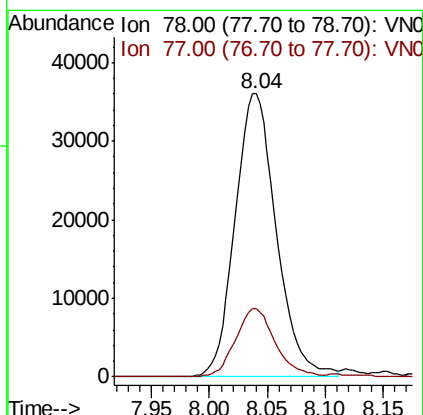
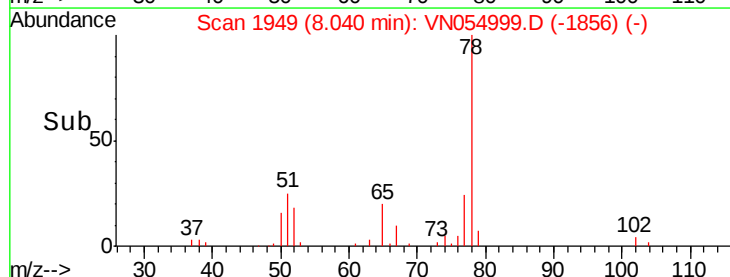
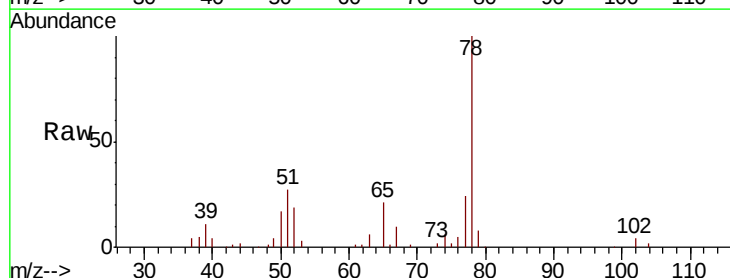
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

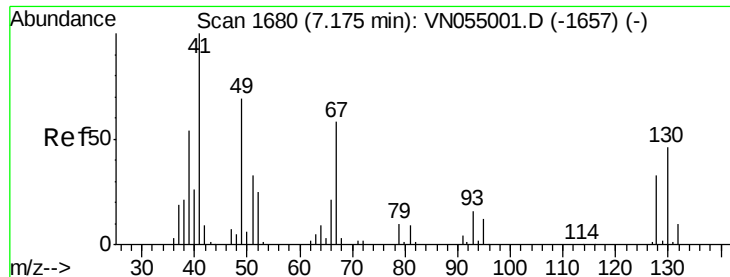
Tot Ion: 83 Resp: 32625  
Ion Ratio Lower Upper  
83 100  
55 84.7 67.0 100.4  
98 48.0 35.6 53.4



#40  
Benzene  
Concen: 5.007 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion: 78 Resp: 89324  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.8 28.2





#41

Methacrylonitrile

Concen: 3.738 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 9233

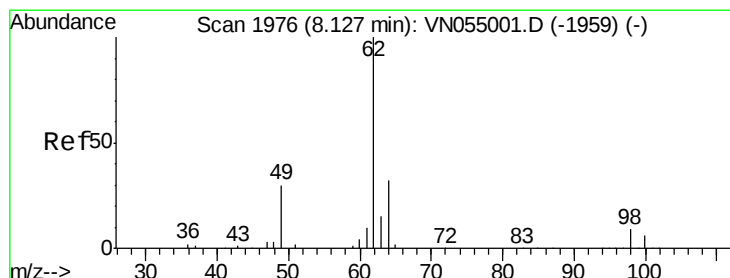
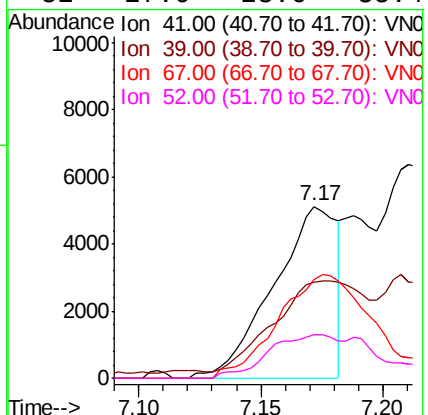
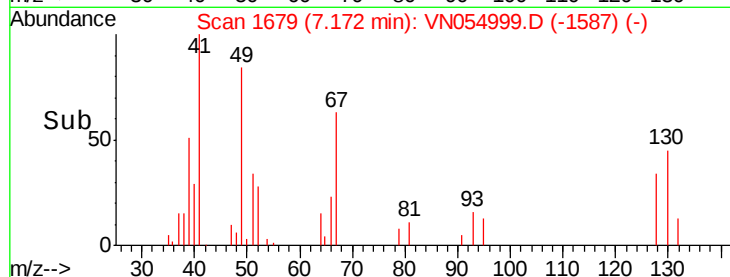
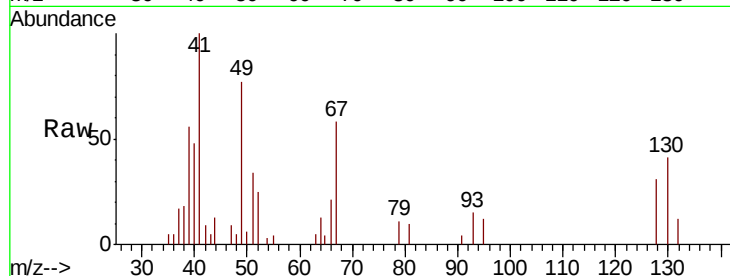
Ion Ratio Lower Upper

41 100

39 78.0 45.6 68.4#

67 92.9 57.0 85.6#

52 27.0 23.6 35.4



#42

1,2-Dichloroethane

Concen: 5.174 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN054999.D

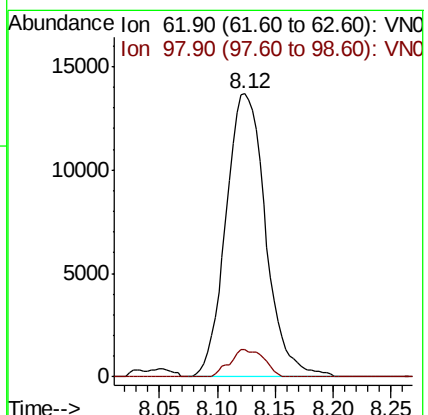
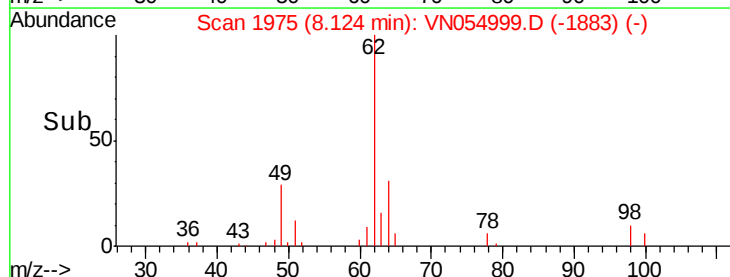
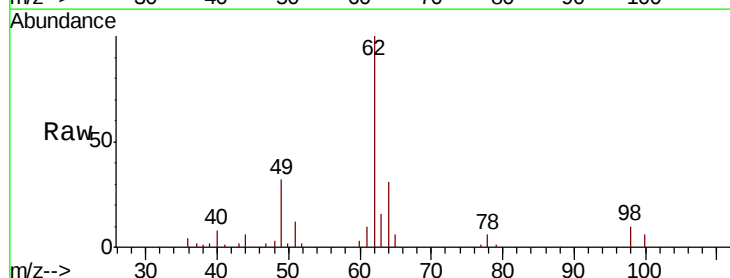
Acq: 12 Apr 2019 15:13

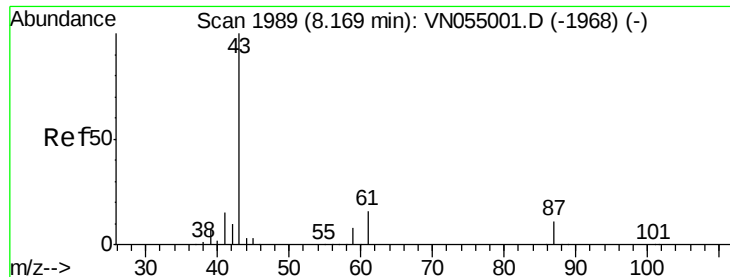
Tgt Ion: 62 Resp: 32507

Ion Ratio Lower Upper

62 100

98 8.4 0.0 17.4





#43

Isopropyl Acetate

Concen: 4.619 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

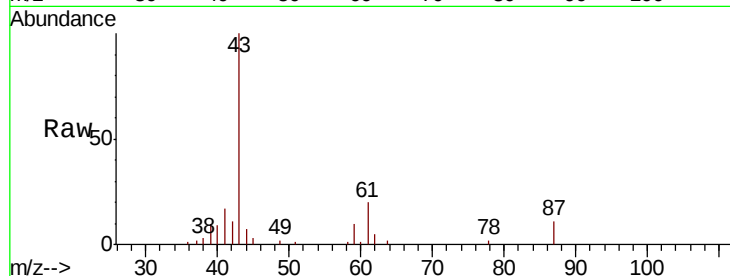
Tot Ion: 43 Resp: 33669

Ion Ratio Lower Upper

43 100

61 19.8 14.3 21.5

87 10.9 8.6 13.0

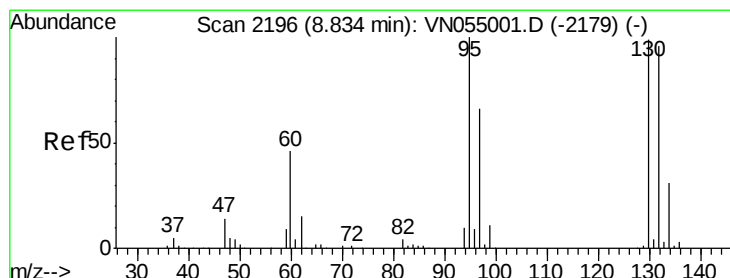
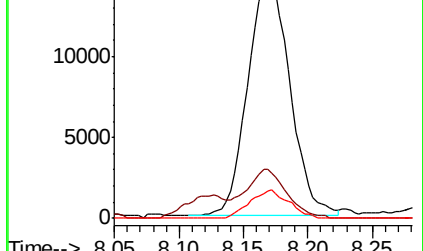
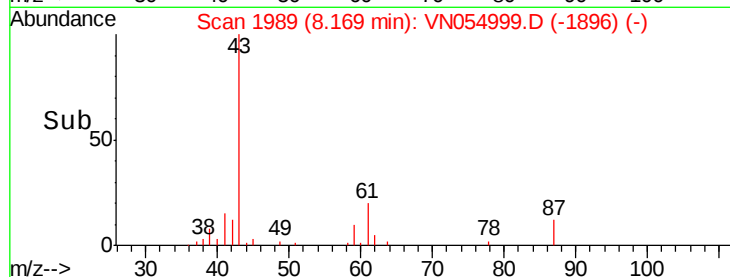


Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055001.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055001.D (-1968) (-)

Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 5.114 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN054999.D

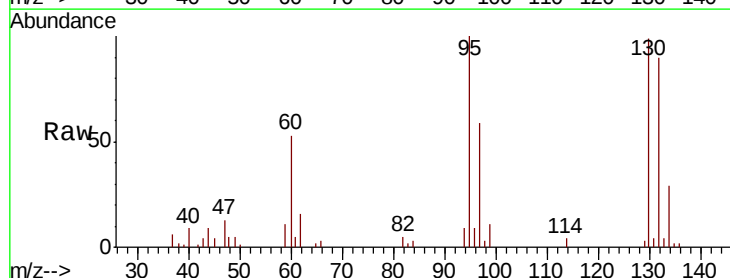
Acq: 12 Apr 2019 15:13

Tgt Ion: 130 Resp: 23349

Ion Ratio Lower Upper

130 100

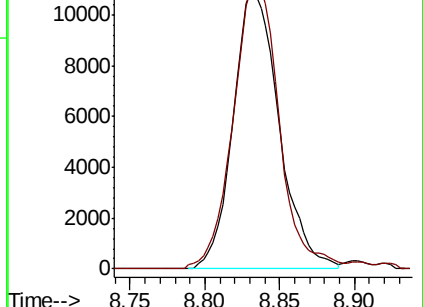
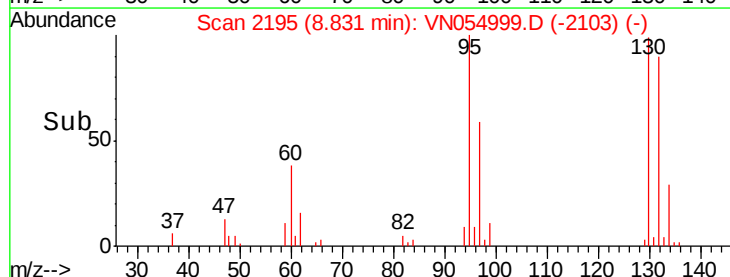
95 99.5 0.0 201.6

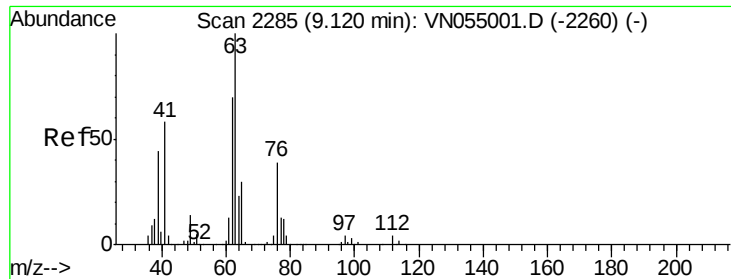


Abundance Ion 129.80 (129.50 to 130.50): VN055001.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055001.D (-2179) (-)

Time--> 8.75 8.80 8.85 8.90





#45

1,2-Dichloropropane

Concen: 5.235 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

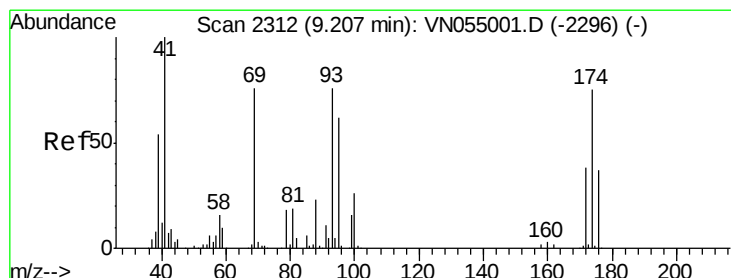
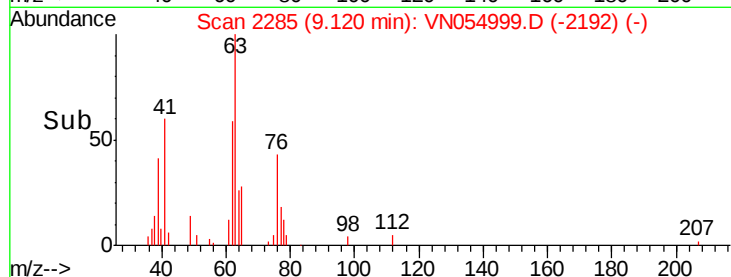
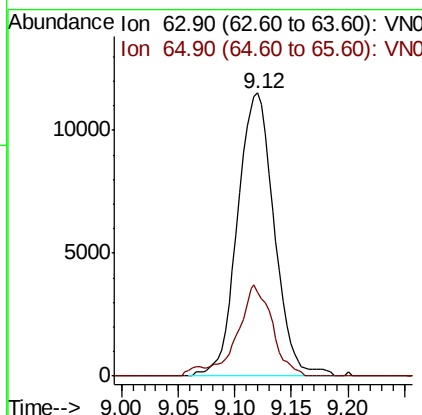
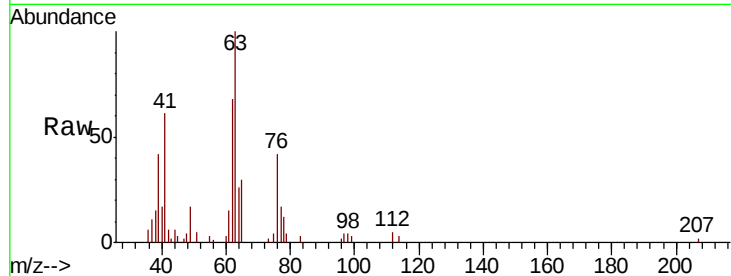
VSTDIC005

Tot Ion: 63 Resp: 26027

Ion Ratio Lower Upper

63 100

65 29.5 24.4 36.6



#46

Dibromomethane

Concen: 4.953 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

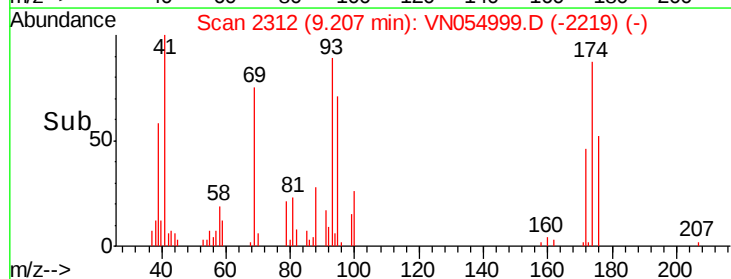
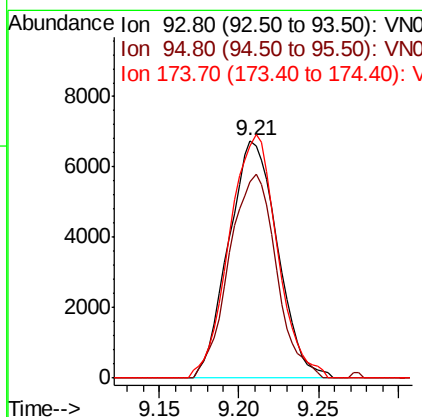
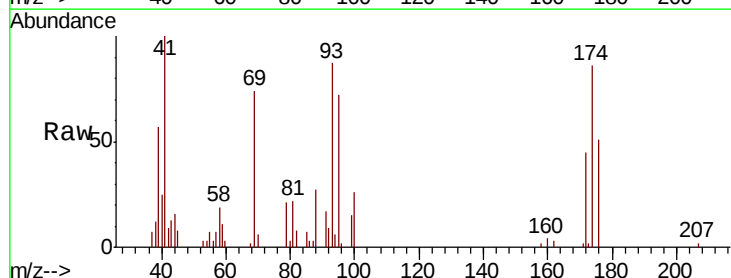
Tgt Ion: 93 Resp: 14080

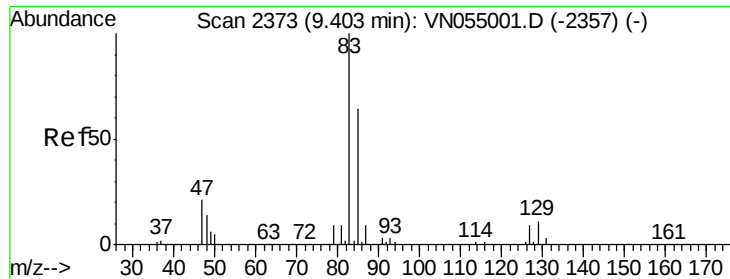
Ion Ratio Lower Upper

93 100

95 83.0 65.0 97.6

174 100.7 81.0 121.6





#47

Bromodichloromethane

Concen: 4.645 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

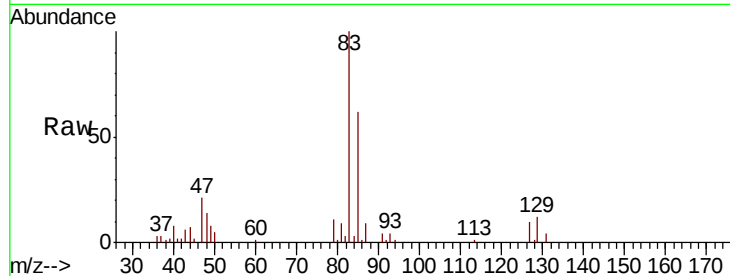
Tot Ion: 83 Resp: 27527

Ion Ratio Lower Upper

83 100

85 62.3 51.2 76.8

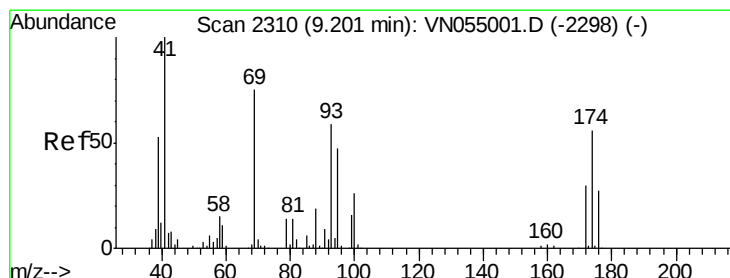
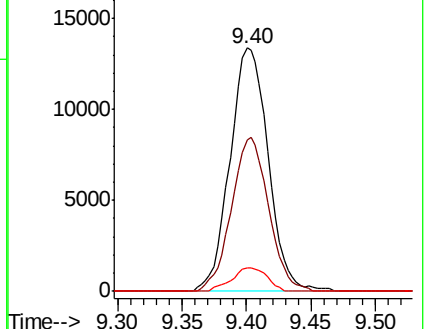
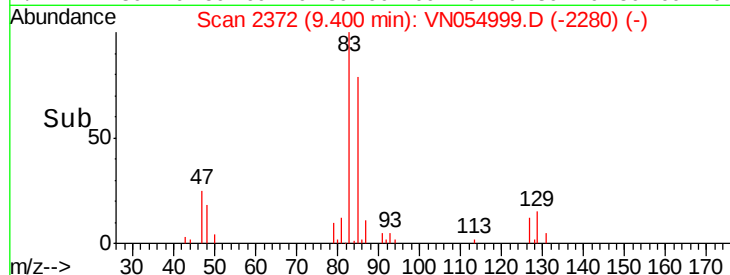
127 9.8 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN054999.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054999.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054999.D (-2280) (-)



#48

Methyl methacrylate

Concen: 4.471 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

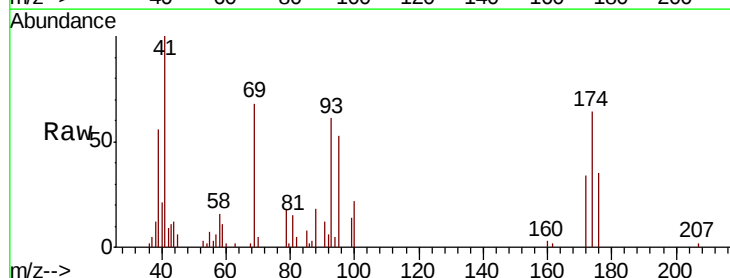
Tgt Ion: 41 Resp: 16387

Ion Ratio Lower Upper

41 100

69 76.7 60.5 90.7

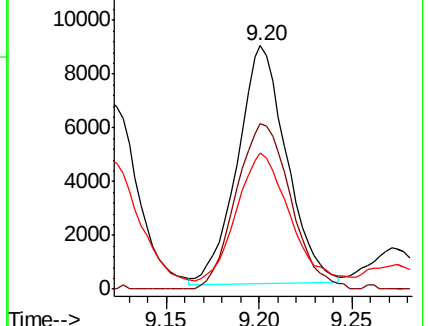
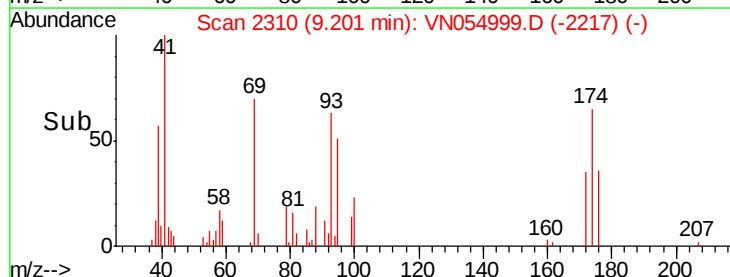
39 62.2 43.9 65.9

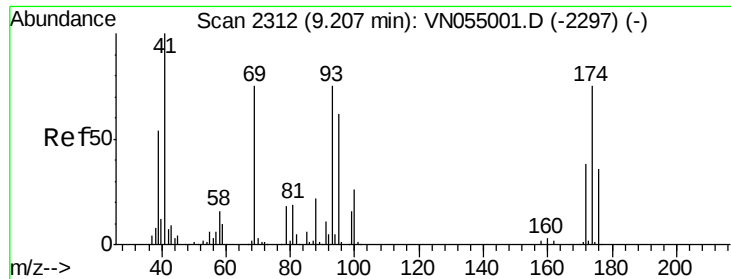


Abundance Ion 41.00 (40.70 to 41.70): VN054999.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054999.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054999.D (-2217) (-)

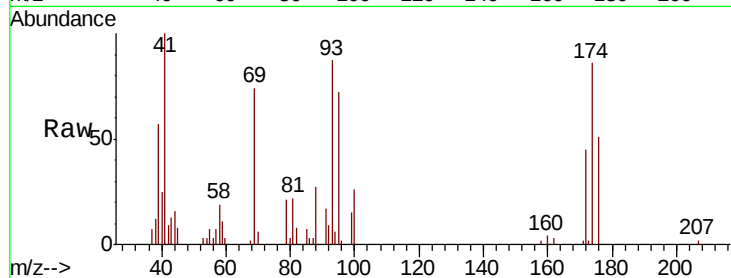




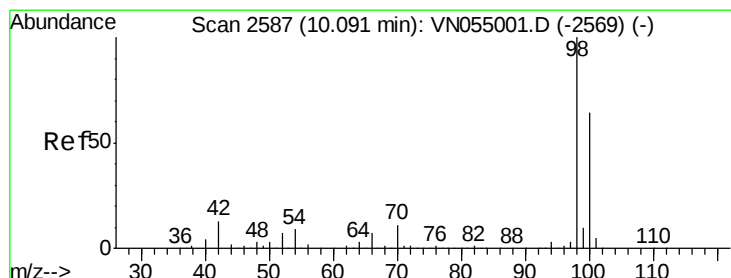
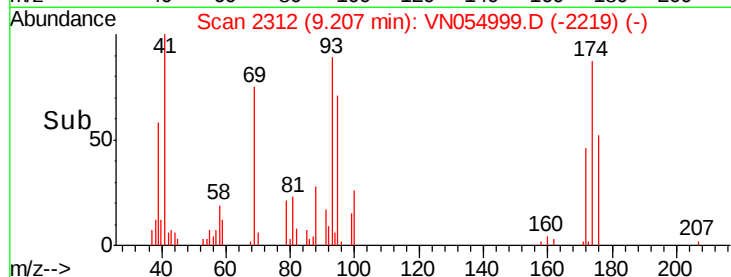
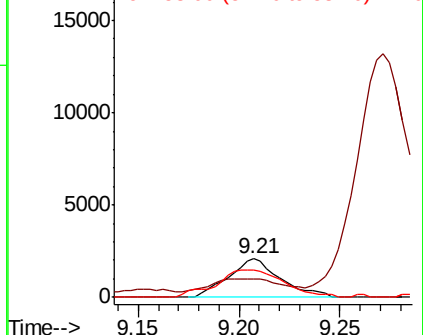
#49  
1,4-Dioxane  
Concen: 99.241 ug/l  
RT: 9.21 min Scan# 2312  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 88 Resp: 3744  
Ion Ratio Lower Upper  
88 100  
43 43.4 31.8 47.8  
58 91.5 61.6 92.4

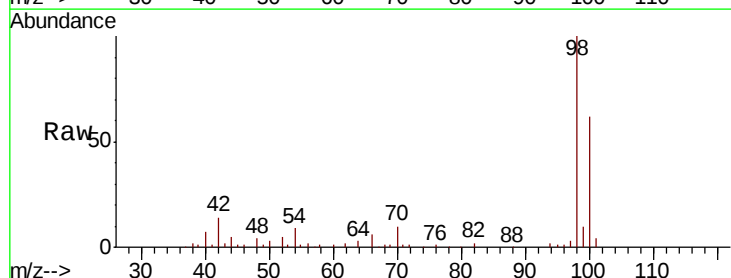


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

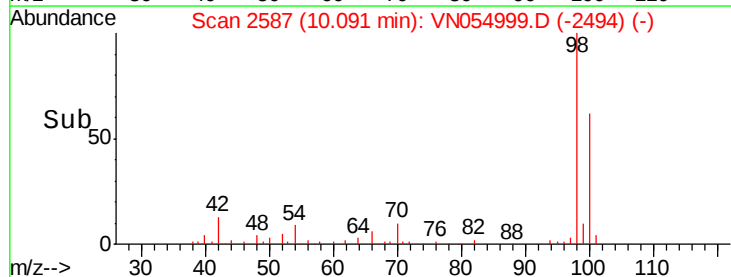
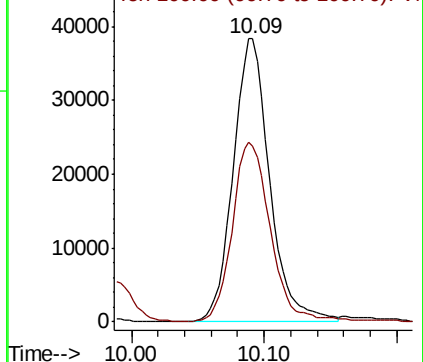


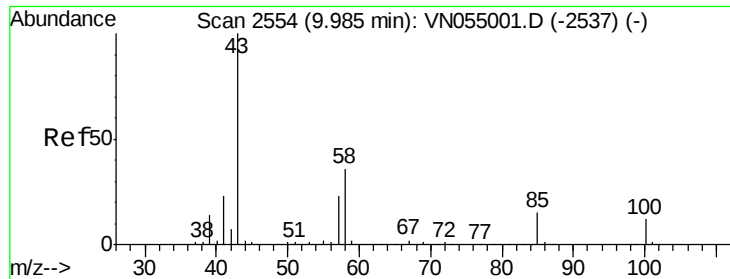
#50  
Toluene-d8  
Concen: 4.731 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion: 98 Resp: 73433  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.1 76.7



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: 24.417 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

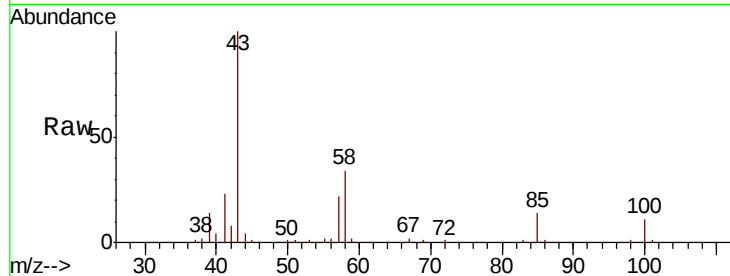
VSTDIC005

Tot Ion: 43 Resp: 99848

Ion Ratio Lower Upper

43 100

58 34.6 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055001.D (-2537) (-)

9.99

60000

50000

40000

30000

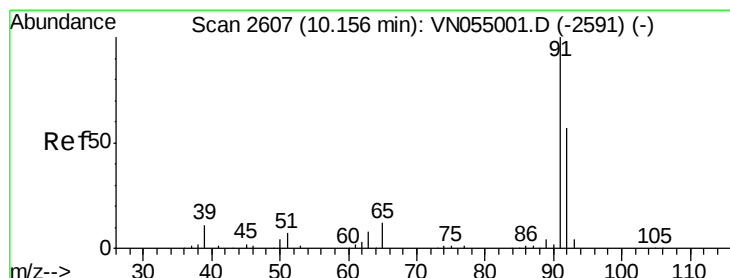
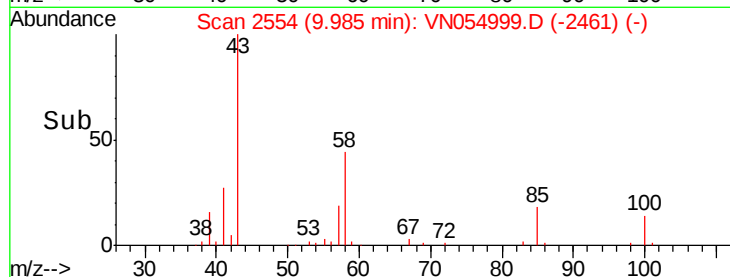
20000

10000

0

9.90 10.00 10.10

Time-->



#52

Toluene

Concen: 4.982 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN054999.D

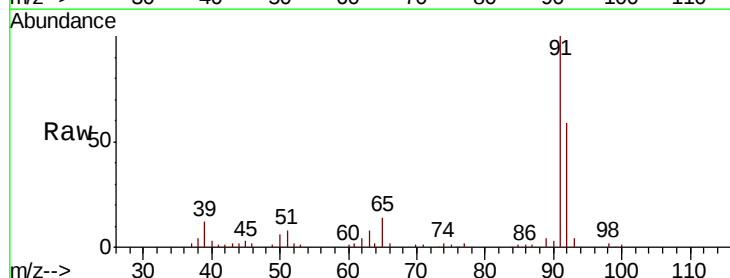
Acq: 12 Apr 2019 15:13

Tgt Ion: 92 Resp: 52303

Ion Ratio Lower Upper

92 100

91 171.6 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VN055001.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055001.D (-2591) (-)

10.15

50000

40000

30000

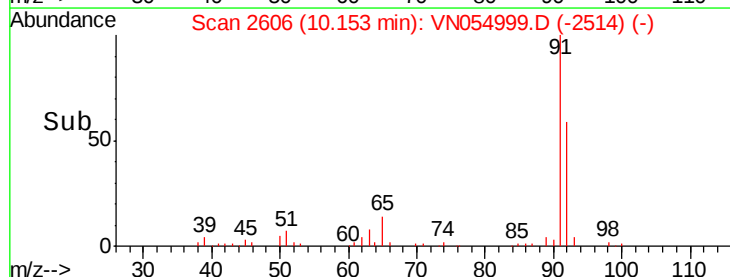
20000

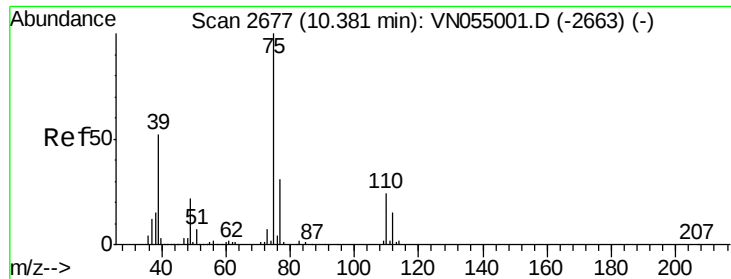
10000

0

10.10 10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 4.086 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampled :

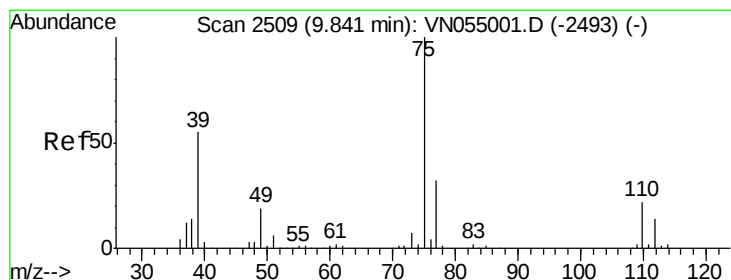
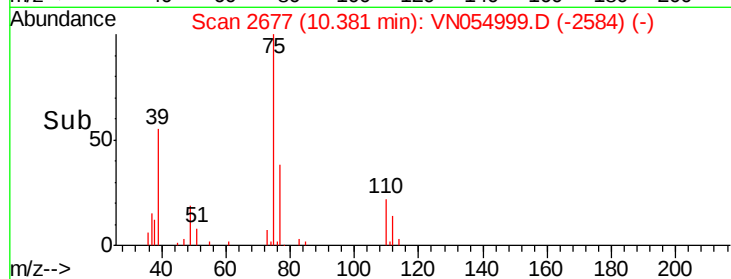
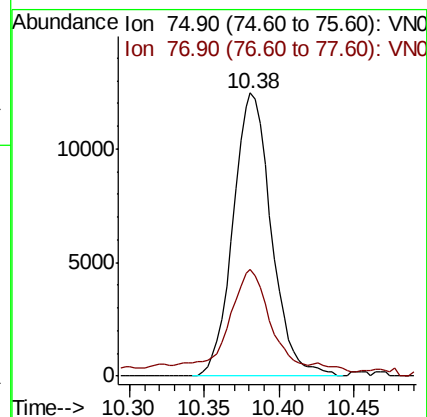
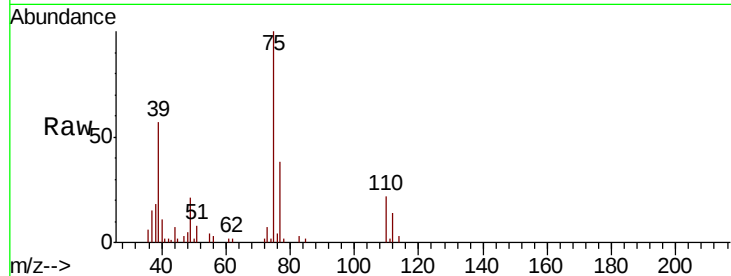
VSTDIC005

Tot Ion: 75 Resp: 22219

Ion Ratio Lower Upper

75 100

77 35.0 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 4.256 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

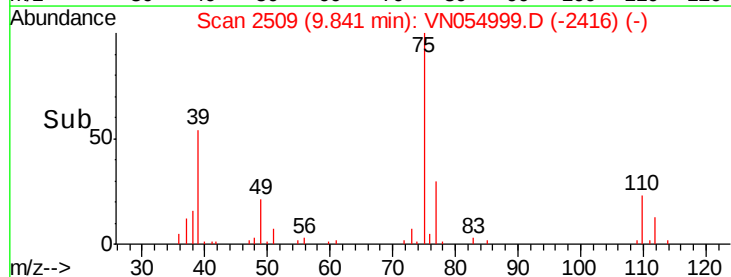
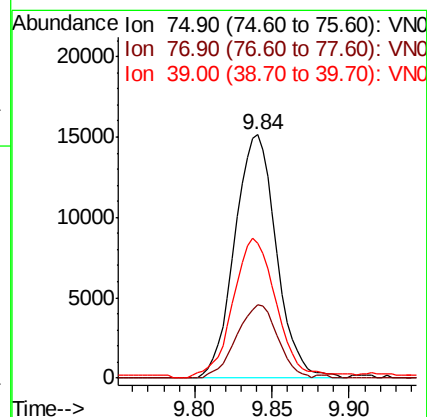
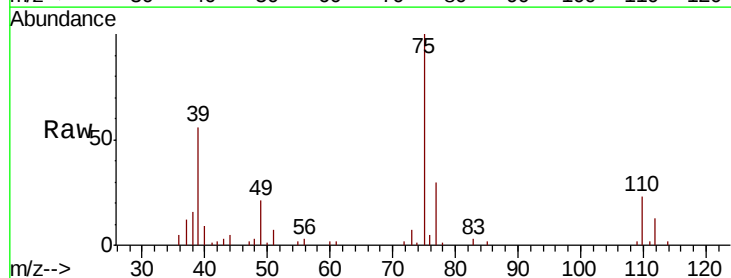
Tgt Ion: 75 Resp: 28319

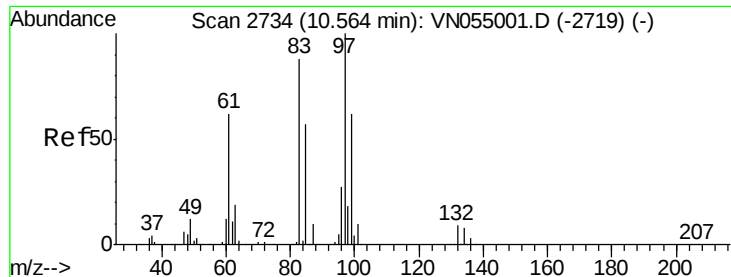
Ion Ratio Lower Upper

75 100

77 30.2 25.8 38.6

39 54.0 43.8 65.8





#55

1,1,2-Trichloroethane

Concen: 5.007 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 97 Resp: 19242

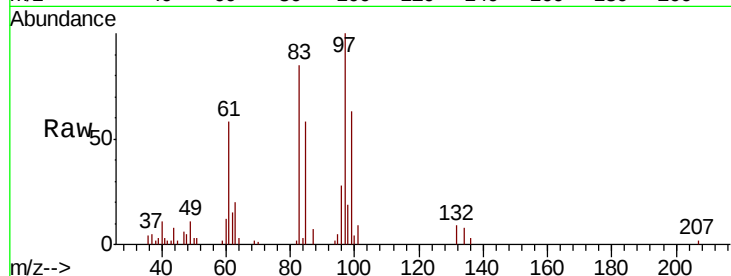
Ion Ratio Lower Upper

97 100

83 83.6 70.5 105.7

85 58.0 45.5 68.3

99 62.6 49.4 74.0

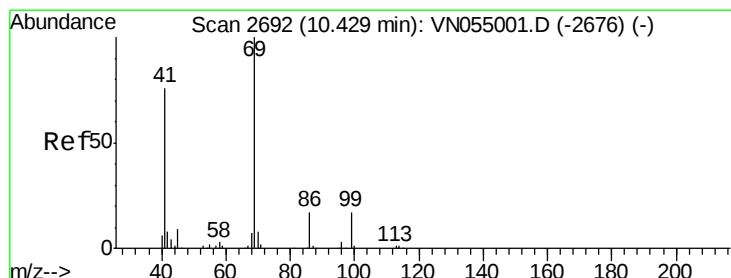
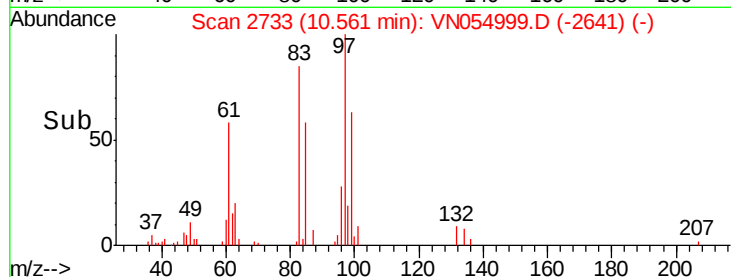
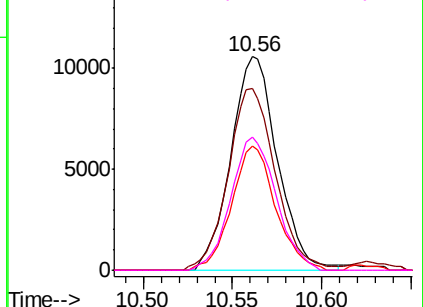


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 4.381 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

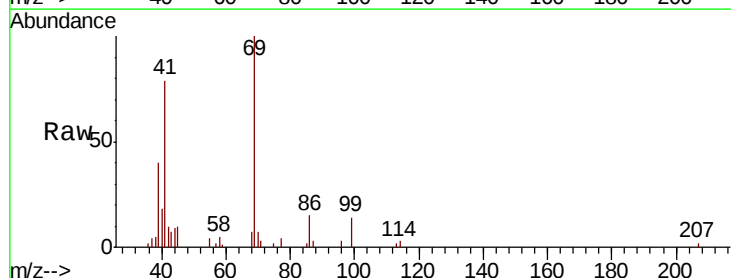
Tgt Ion: 69 Resp: 21929

Ion Ratio Lower Upper

69 100

41 75.3 61.4 92.0

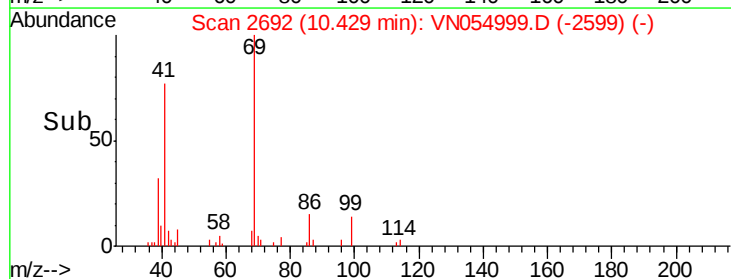
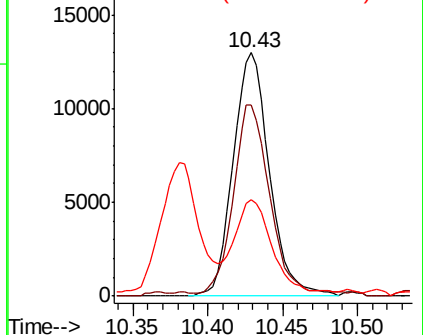
39 39.4 30.8 46.2

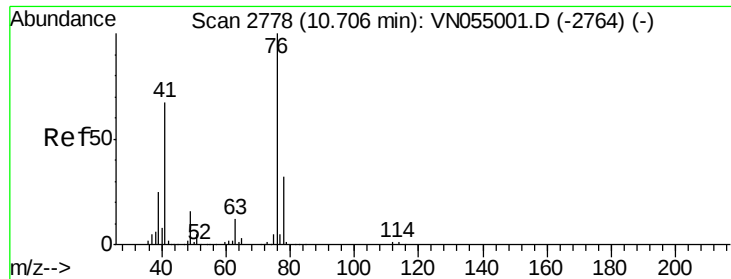


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 4.817 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

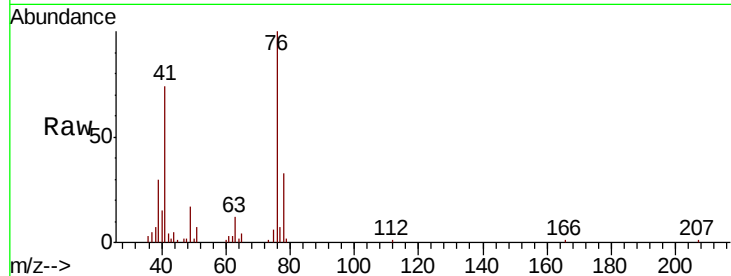
VSTDIC005

Tot Ion: 76 Resp: 32306

Ion Ratio Lower Upper

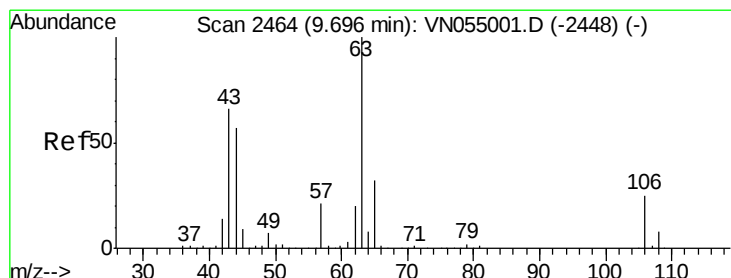
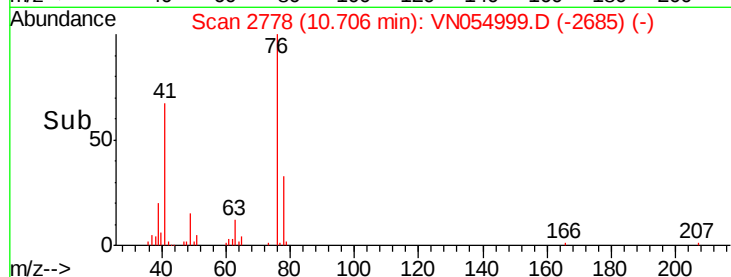
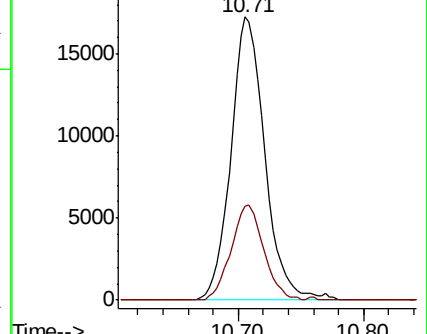
76 100

78 32.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN055001.D (-2764) (-)

Ion 77.90 (77.60 to 78.60): VN055001.D (-2764) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 21.312 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054999.D

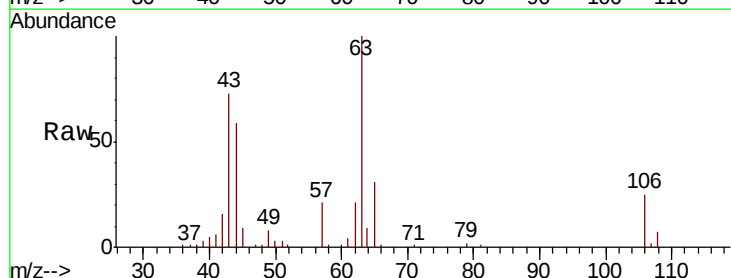
Acq: 12 Apr 2019 15:13

Tgt Ion: 63 Resp: 41924

Ion Ratio Lower Upper

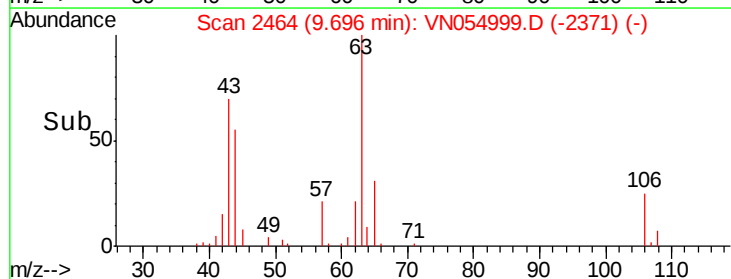
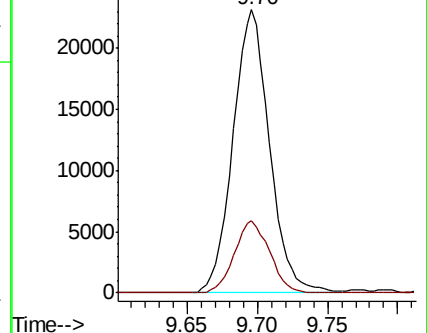
63 100

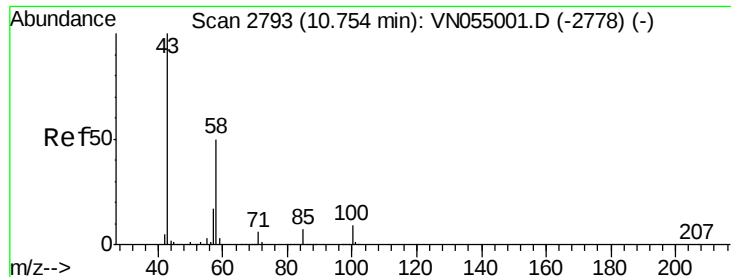
106 24.5 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN055001.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN055001.D (-2448) (-)

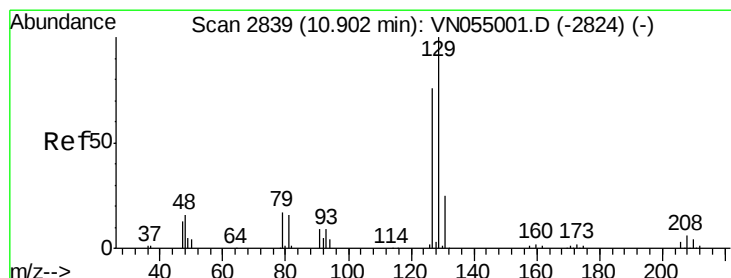
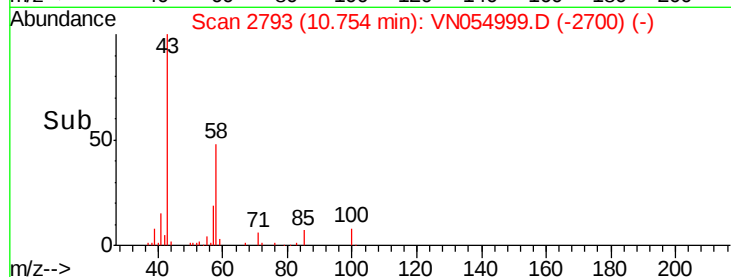
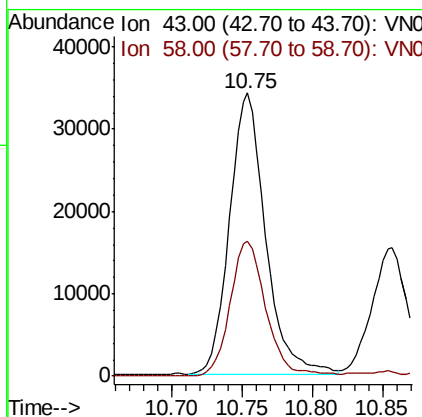
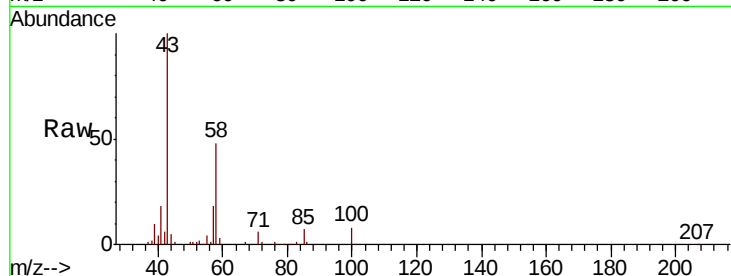




#59  
2-Hexanone  
Concen: 23.989 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

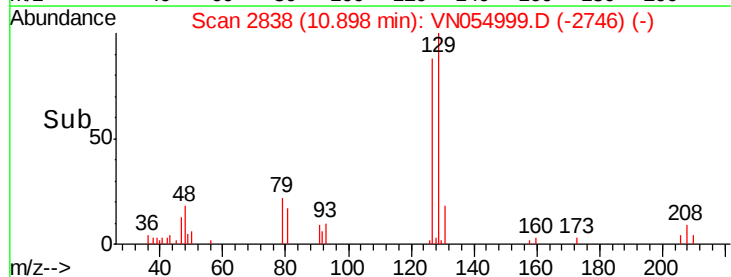
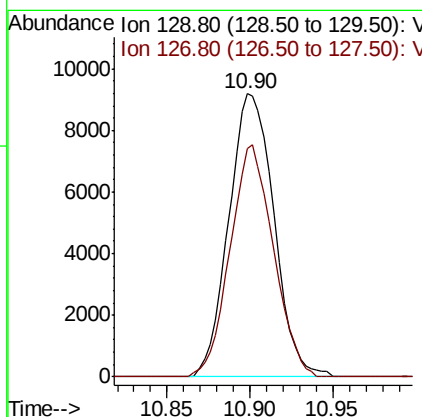
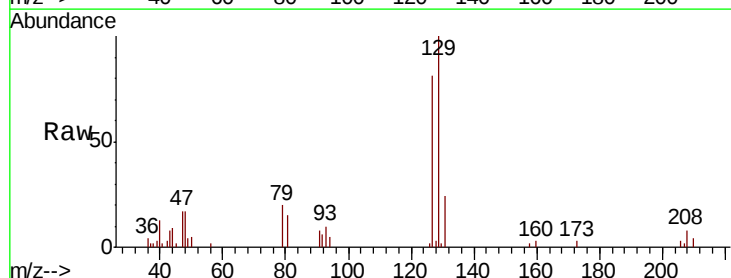
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

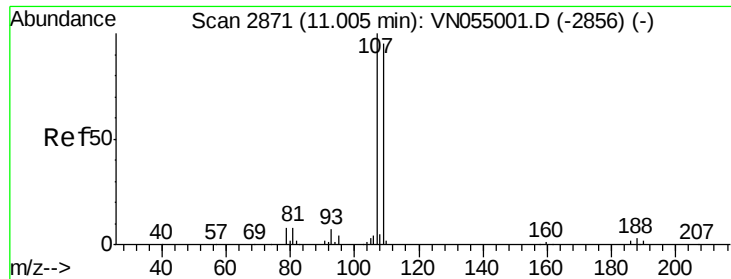
Tot Ion: 43 Resp: 61013  
Ion Ratio Lower Upper  
43 100  
58 48.0 25.1 75.2



#60  
Dibromochloromethane  
Concen: 4.337 ug/l  
RT: 10.90 min Scan# 2838  
Delta R.T. -0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion: 129 Resp: 17341  
Ion Ratio Lower Upper  
129 100  
127 78.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 4.859 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

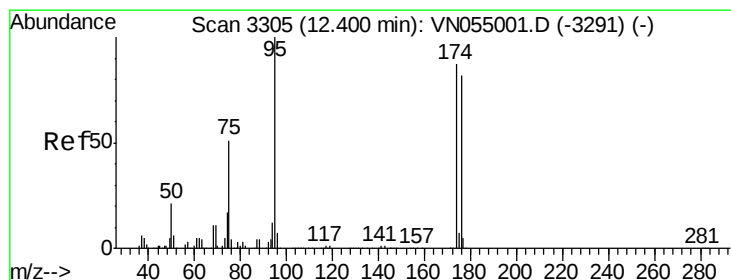
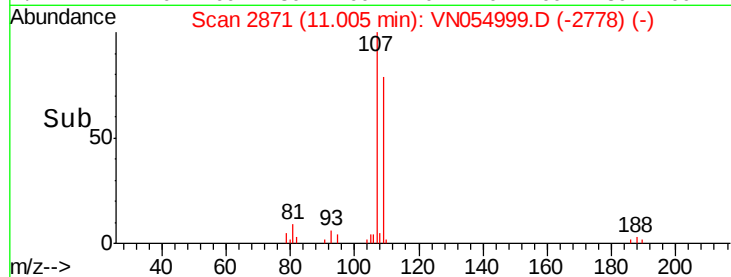
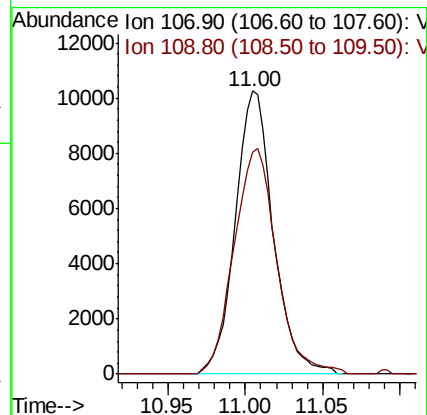
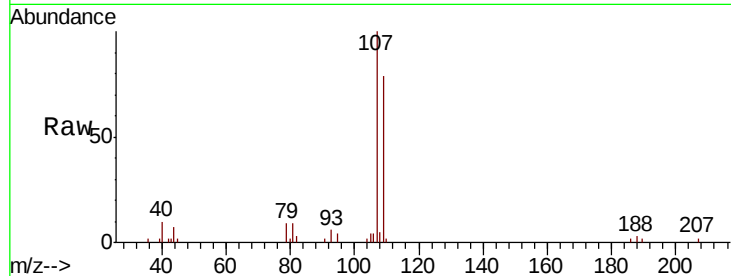
VSTDIC005

Tot Ion:107 Resp: 17510

Ion Ratio Lower Upper

107 100

109 89.0 76.5 114.7



#62

4-Bromofluorobenzene

Concen: 4.743 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

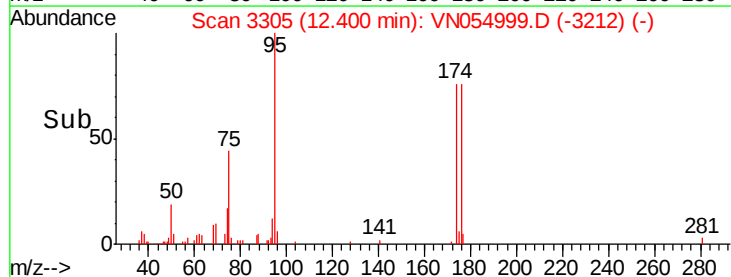
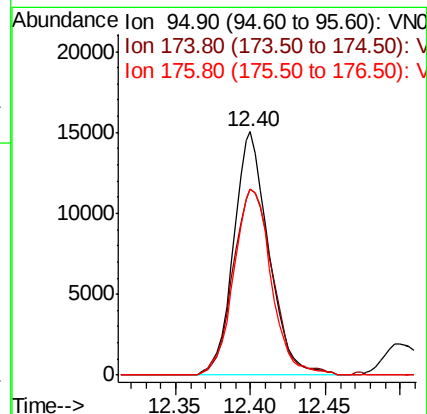
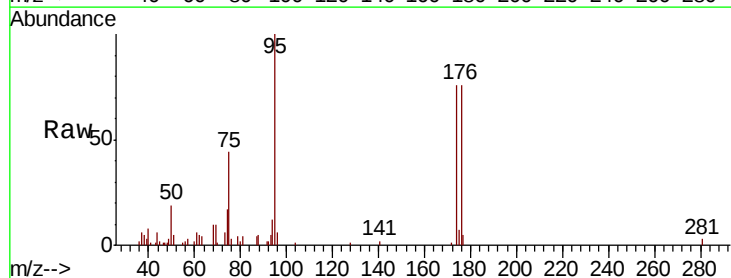
Tgt Ion: 95 Resp: 24502

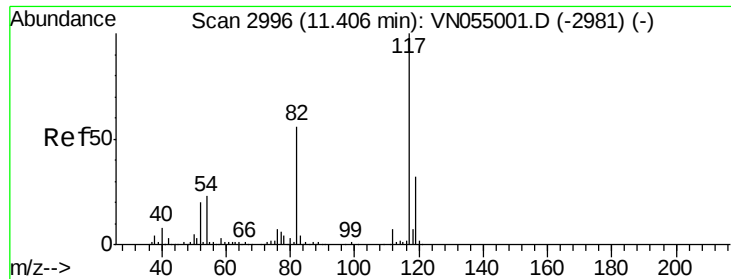
Ion Ratio Lower Upper

95 100

174 86.4 0.0 174.4

176 81.9 0.0 166.8

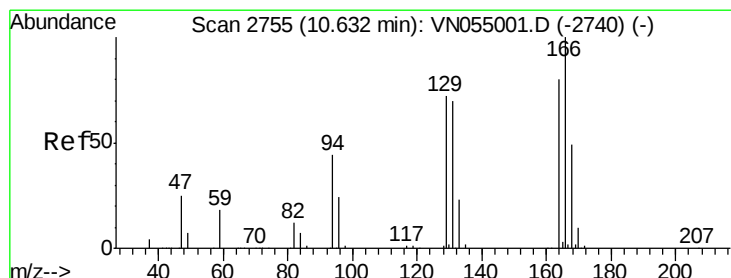
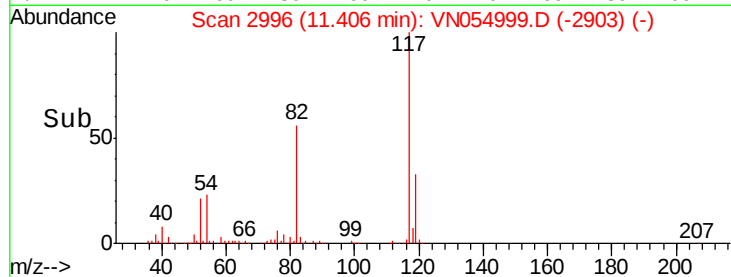
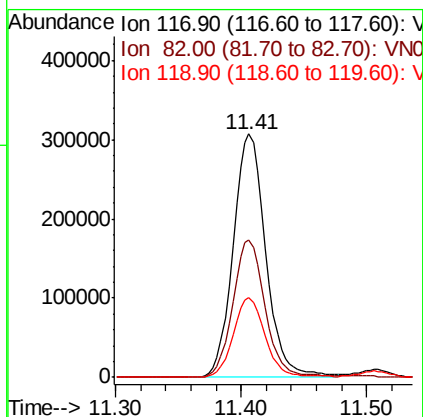
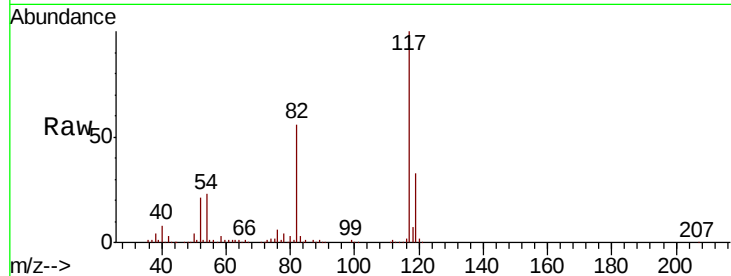




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

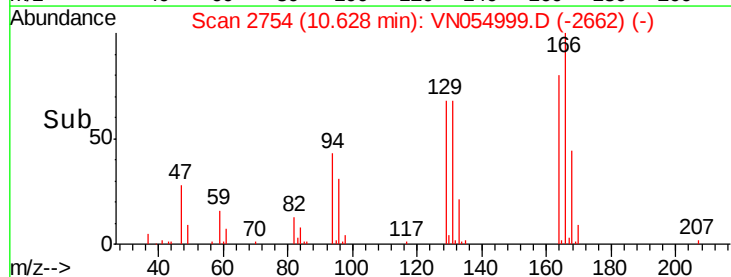
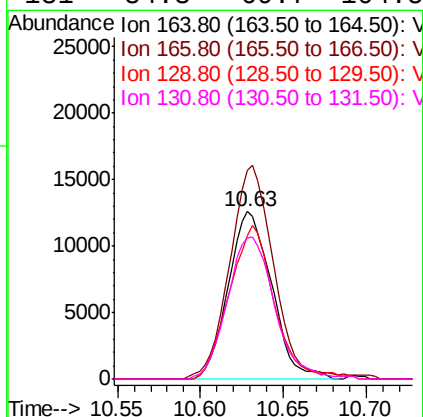
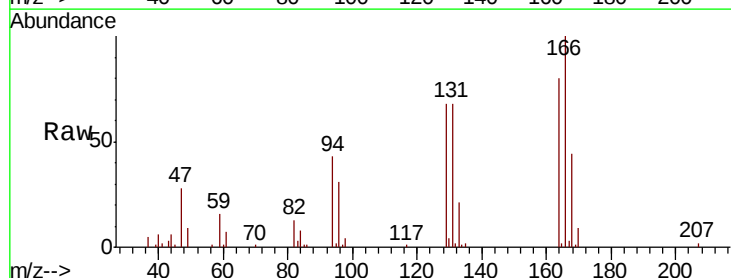
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

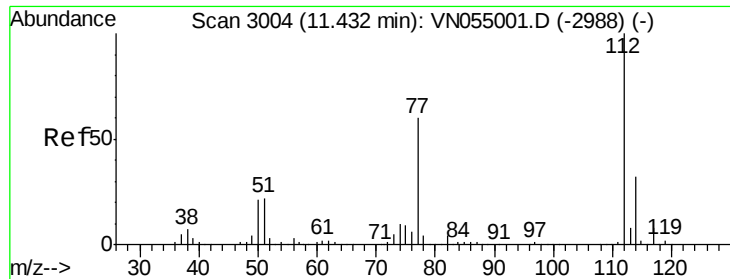
Tot Ion:117 Resp: 554669  
Ion Ratio Lower Upper  
117 100  
82 56.5 44.6 66.8  
119 32.6 25.5 38.3



#64  
Tetrachloroethene  
Concen: 5.165 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. -0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion:164 Resp: 22941  
Ion Ratio Lower Upper  
164 100  
166 123.5 100.0 150.0  
129 85.3 72.0 108.0  
131 84.3 69.7 104.5

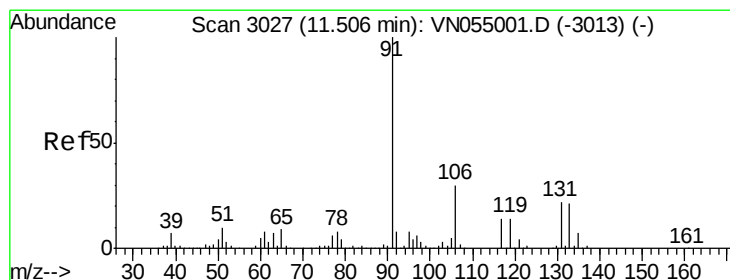
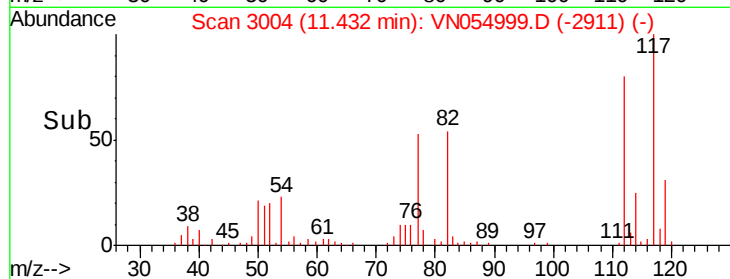
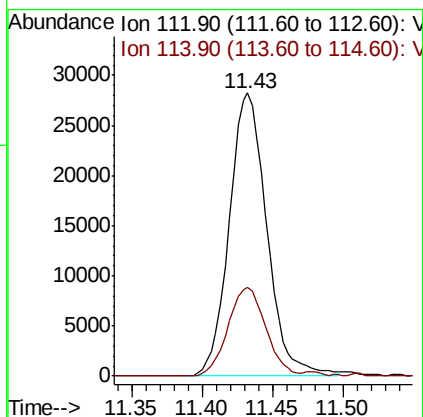
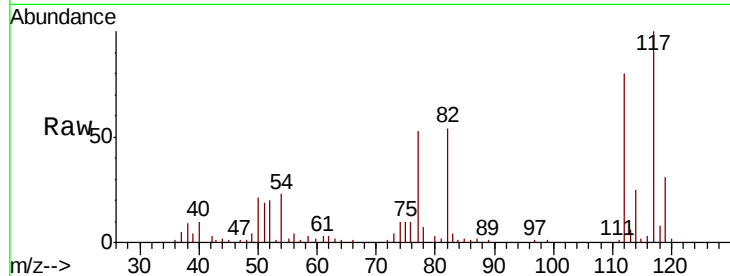




#65  
Chlorobenzene  
Concen: 4.726 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

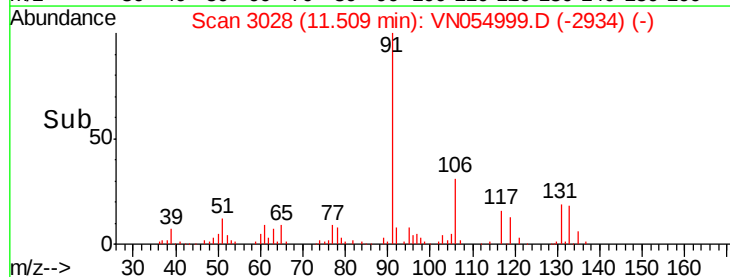
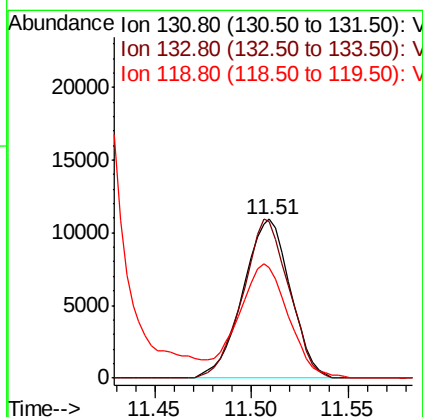
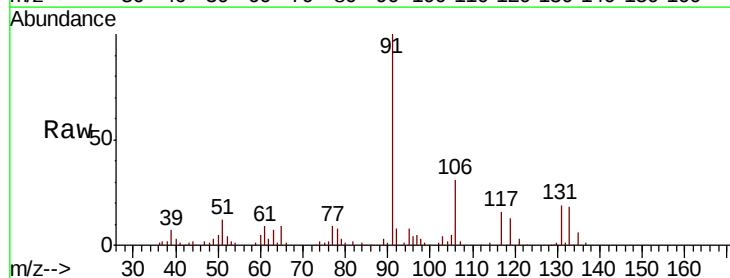
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

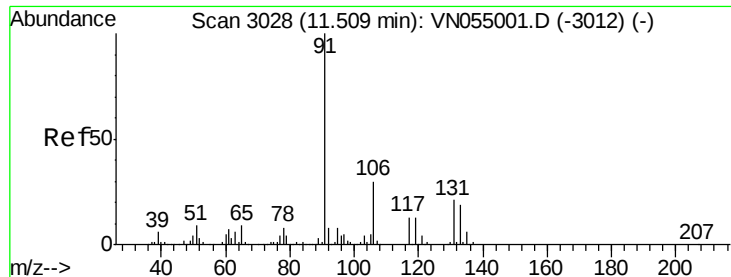
Tot Ion:112 Resp: 52786  
Ion Ratio Lower Upper  
112 100  
114 30.8 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.571 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion:131 Resp: 18696  
Ion Ratio Lower Upper  
131 100  
133 97.3 47.8 143.3  
119 76.2 33.6 100.6

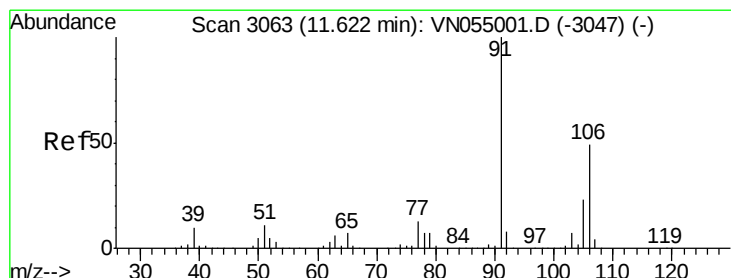
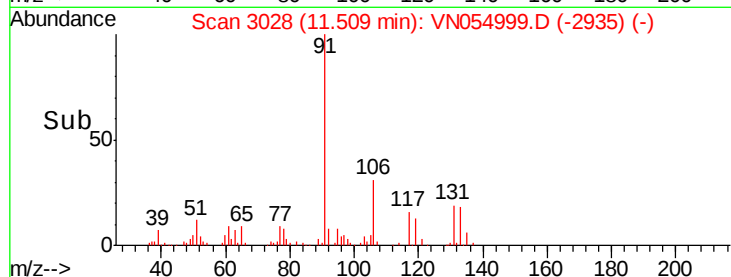
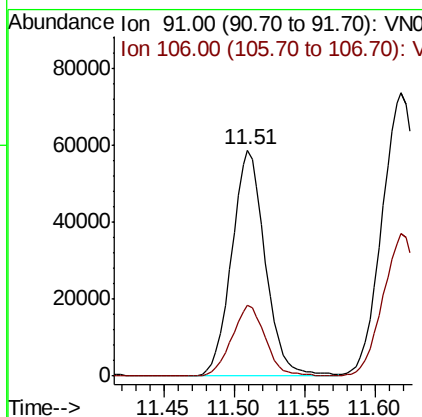
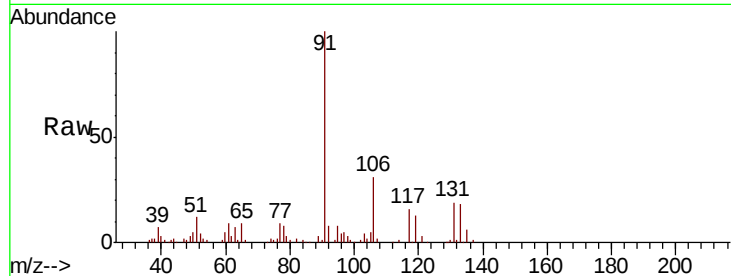




#67  
Ethyl Benzene  
Concen: 4.854 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

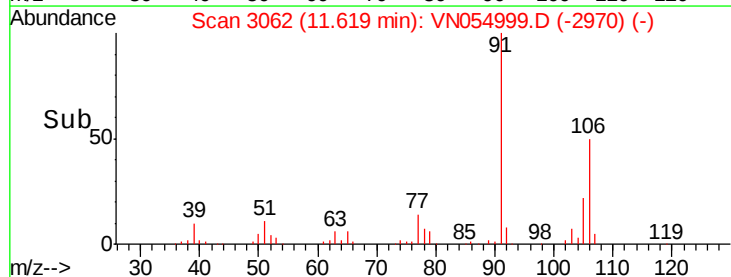
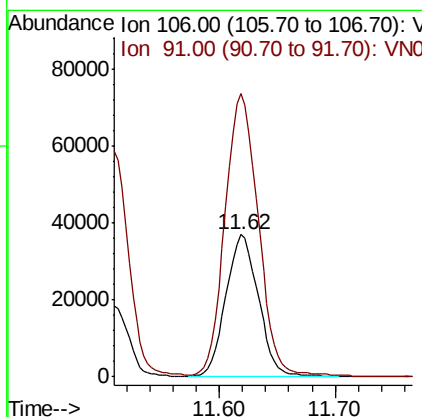
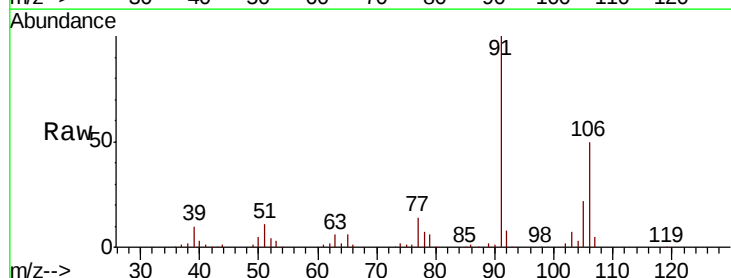
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

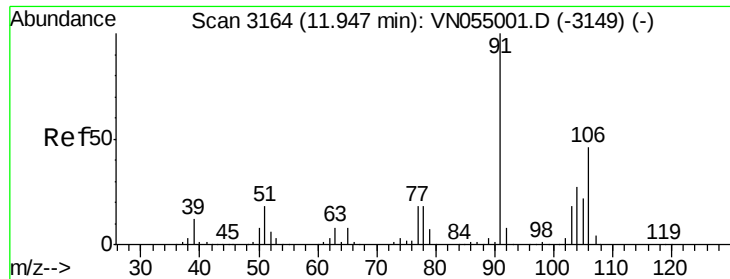
Tot Ion: 91 Resp: 97699  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.3 36.5



#68  
m/p-Xylenes  
Concen: 9.796 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion: 106 Resp: 72151  
Ion Ratio Lower Upper  
106 100  
91 200.8 165.9 248.9

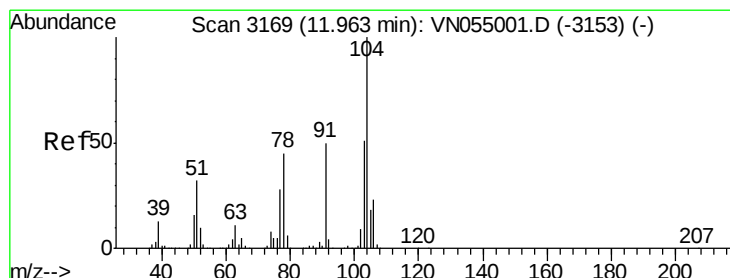
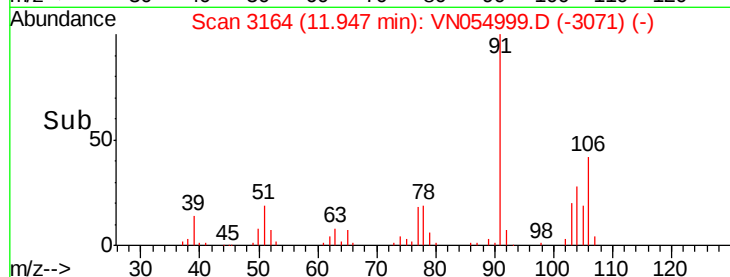
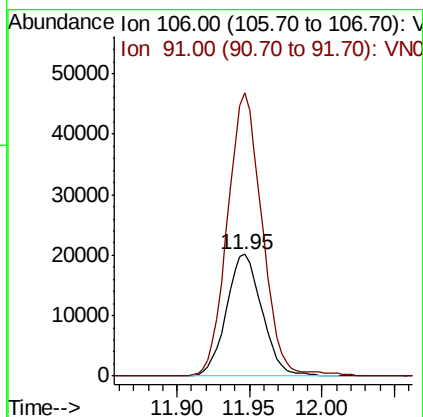
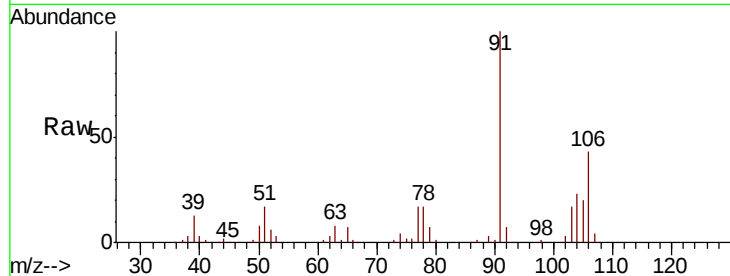




#69  
o-Xylene  
Concen: 4.783 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

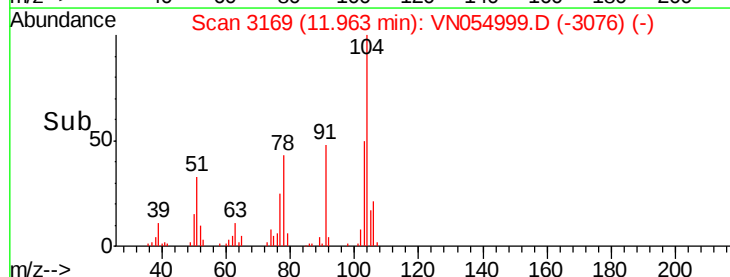
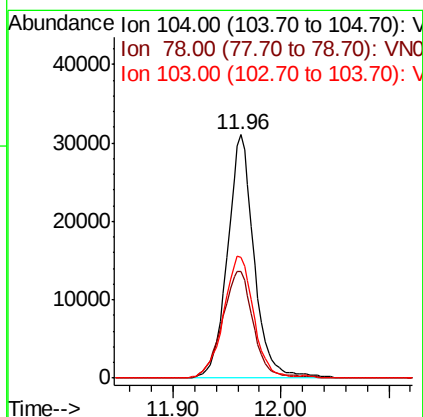
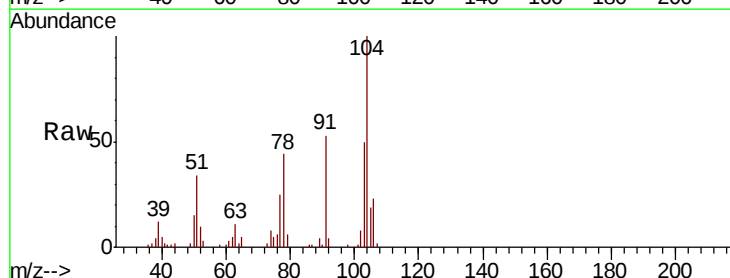
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

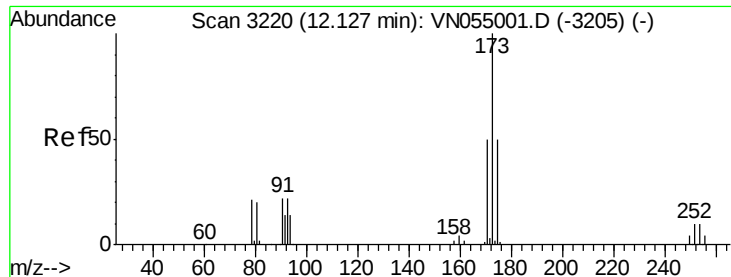
Tot Ion:106 Resp: 34306  
Ion Ratio Lower Upper  
106 100  
91 223.6 109.9 329.8



#70  
Styrene  
Concen: 4.635 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion:104 Resp: 53389  
Ion Ratio Lower Upper  
104 100  
78 50.2 40.3 60.5  
103 56.3 44.3 66.5





#71

Bromoform

Concen: 4.155 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

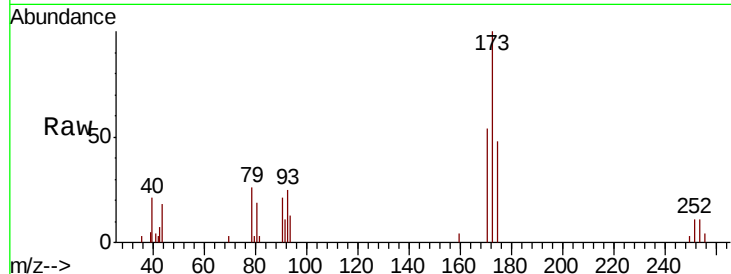
Tot Ion:173 Resp: 10287

Ion Ratio Lower Upper

173 100

175 46.9 24.3 73.0

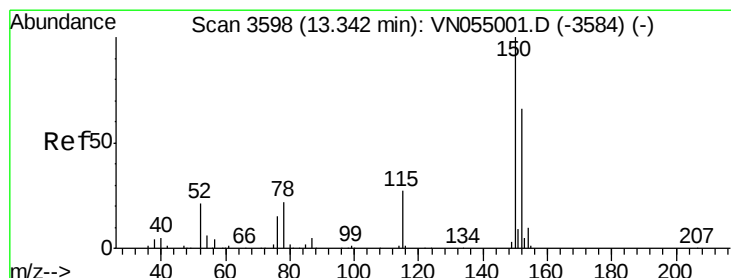
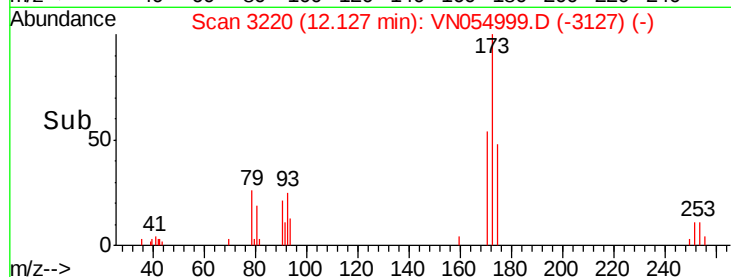
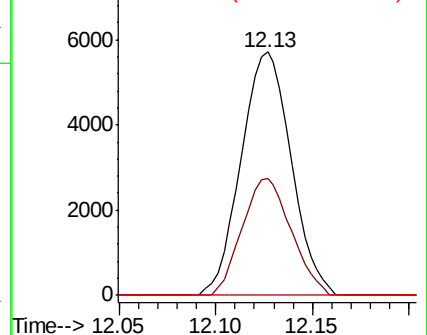
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

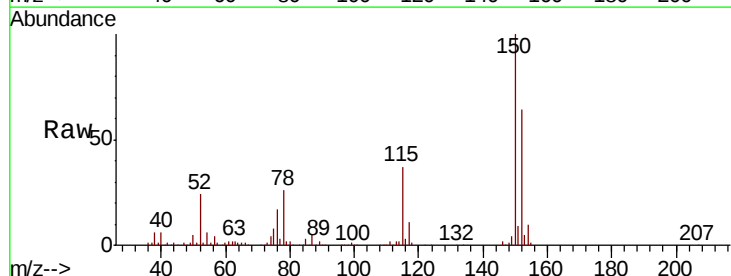
Tgt Ion:152 Resp: 204566

Ion Ratio Lower Upper

152 100

115 58.9 28.5 85.6

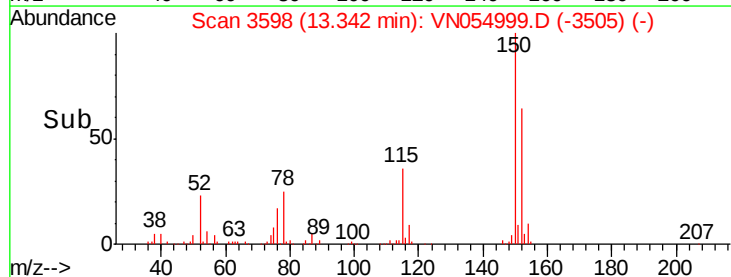
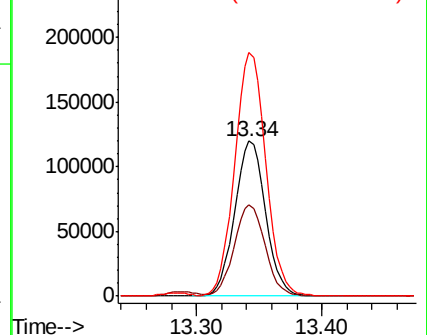
150 158.7 0.0 347.2

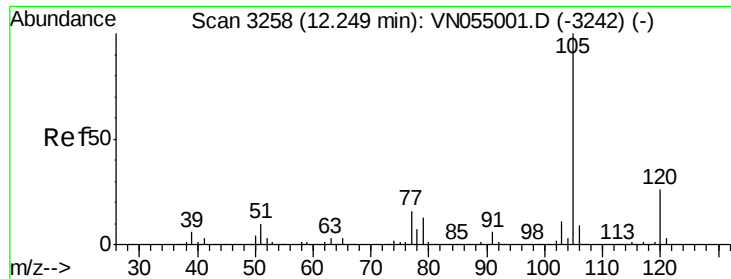


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.252 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

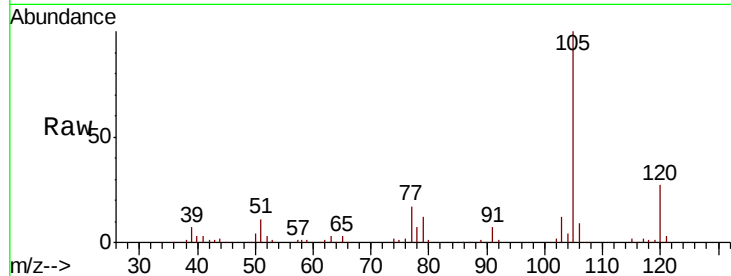
VSTDIC005

Tot Ion:105 Resp: 90147

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

60000

50000

40000

30000

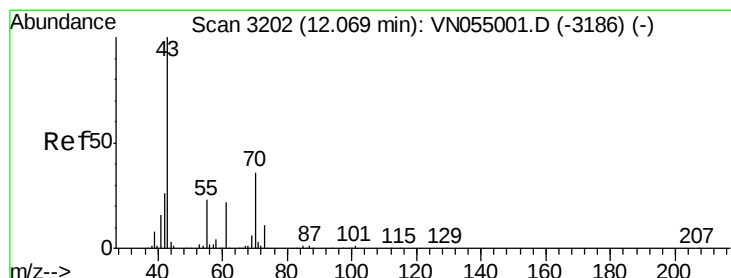
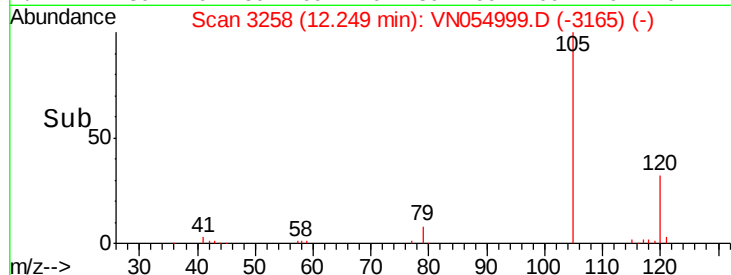
20000

10000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 5.003 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Tgt Ion: 43 Resp: 24045

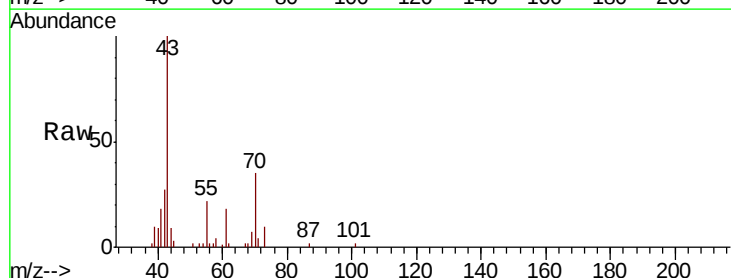
Ion Ratio Lower Upper

43 100

70 37.0 29.4 44.0

55 21.7 19.0 28.4

61 18.5 17.7 26.5



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

20000

15000

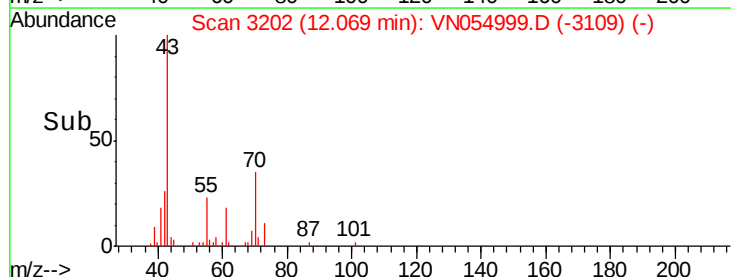
10000

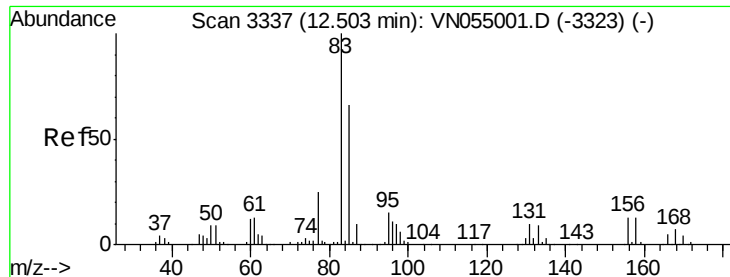
5000

0

Time-->

12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 5.526 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

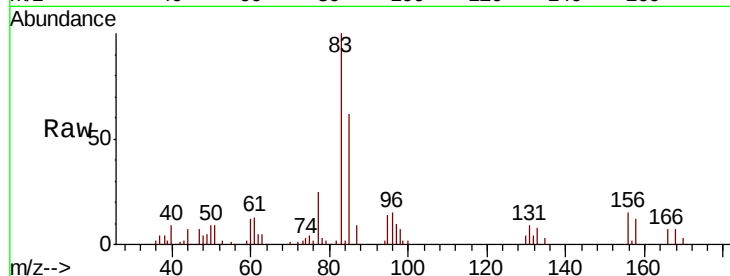
Tot Ion: 83 Resp: 23643

Ion Ratio Lower Upper

83 100

131 8.6 5.0 15.0

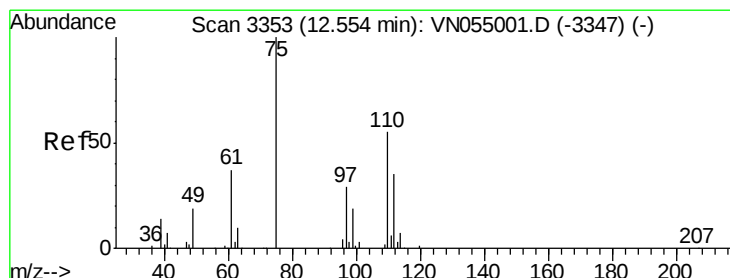
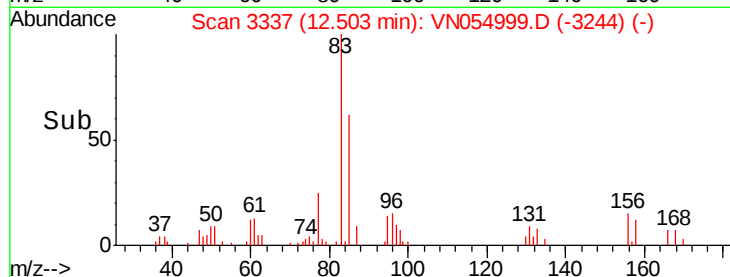
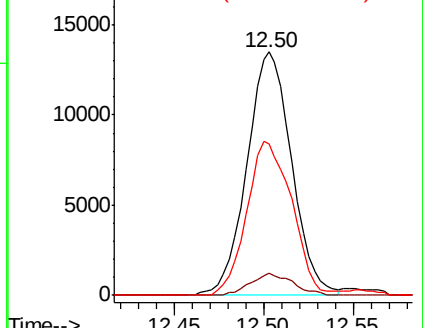
85 63.6 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 7.121 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054999.D

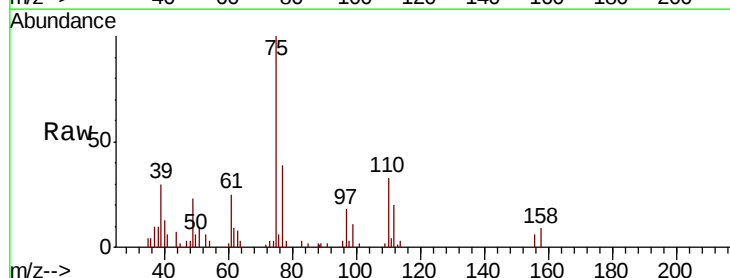
Acq: 12 Apr 2019 15:13

Tgt Ion: 75 Resp: 26308

Ion Ratio Lower Upper

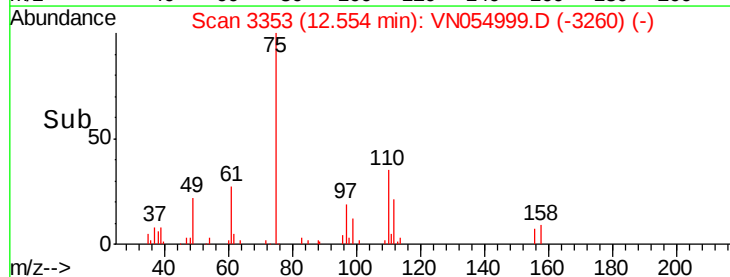
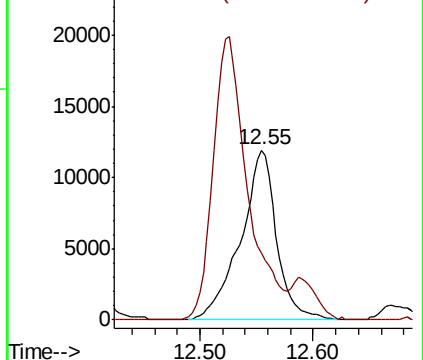
75 100

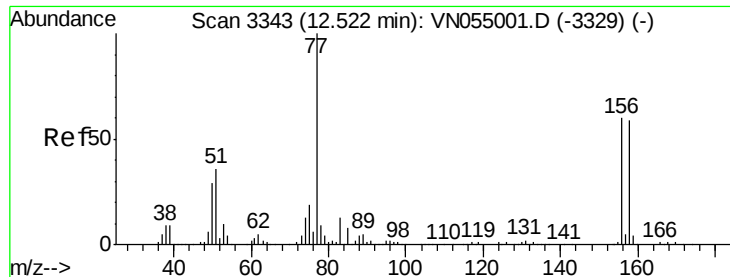
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 5.201 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

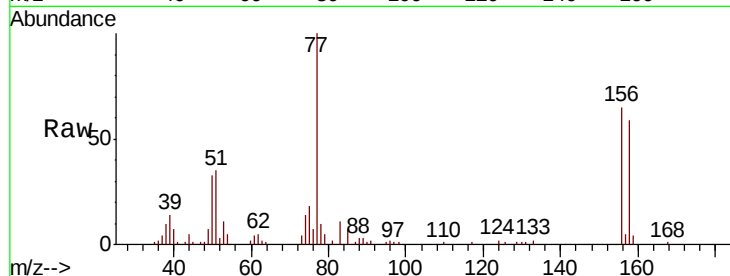
Tot Ion:156 Resp: 21648

Ion Ratio Lower Upper

156 100

77 195.4 97.2 291.5

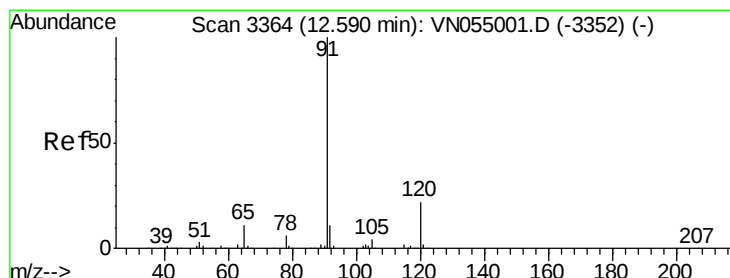
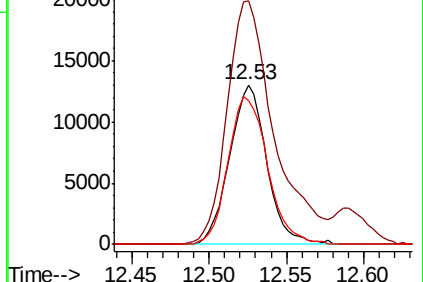
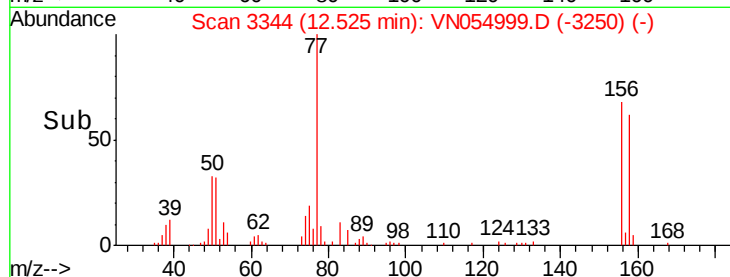
158 99.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.176 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054999.D

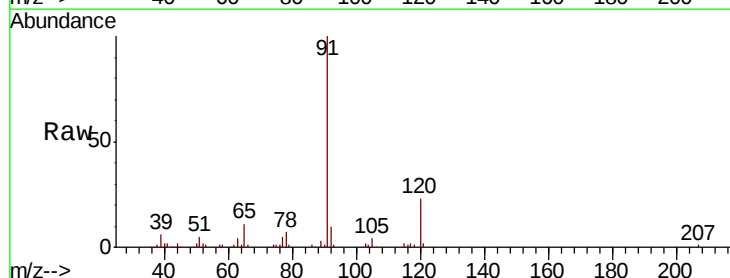
Acq: 12 Apr 2019 15:13

Tgt Ion: 91 Resp: 97903

Ion Ratio Lower Upper

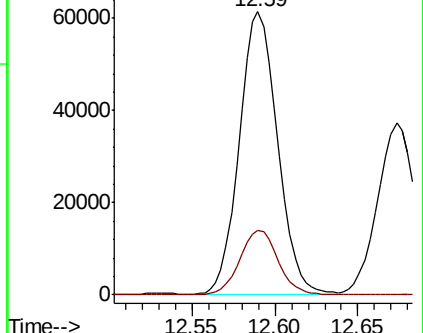
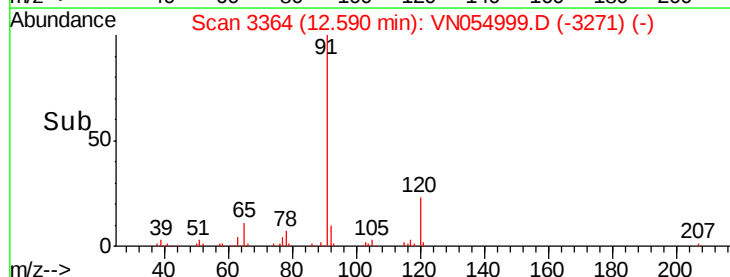
91 100

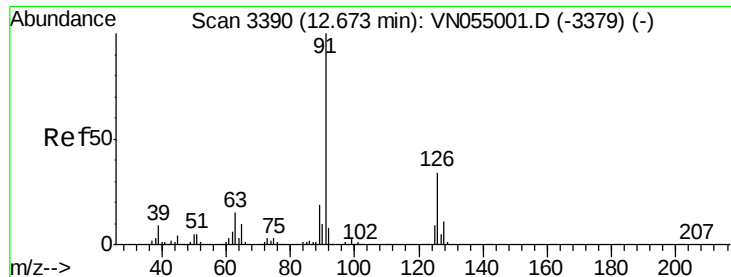
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.176 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

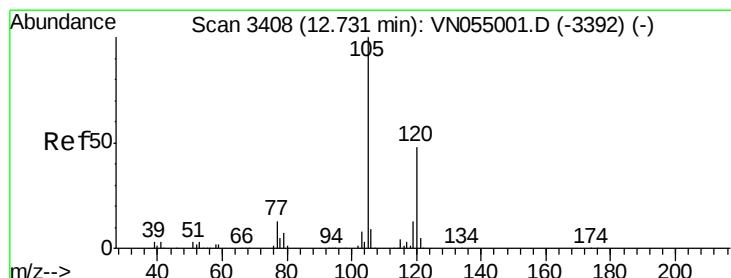
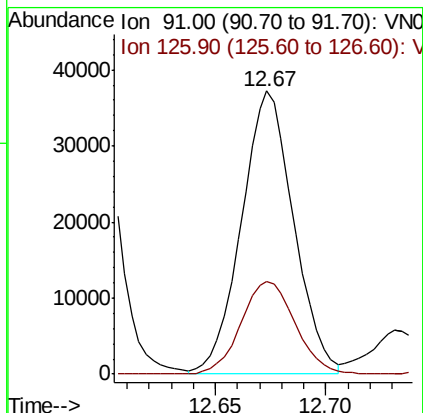
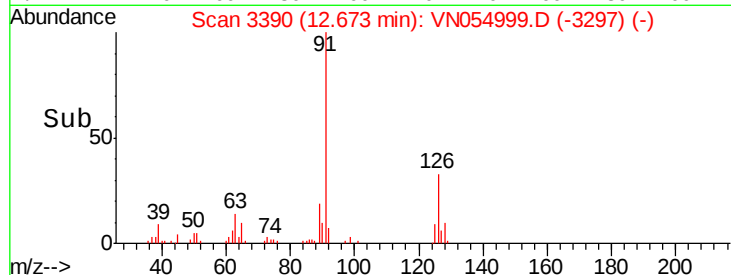
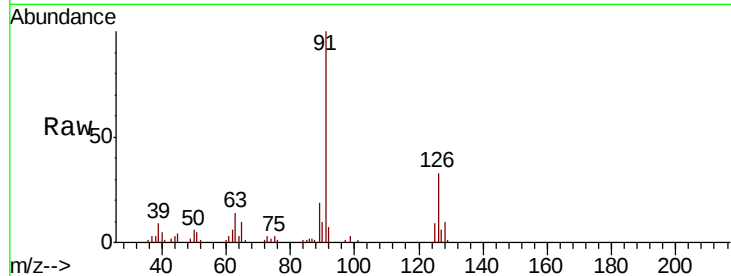
VSTDIC005

Tot Ion: 91 Resp: 60675

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 5.272 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054999.D

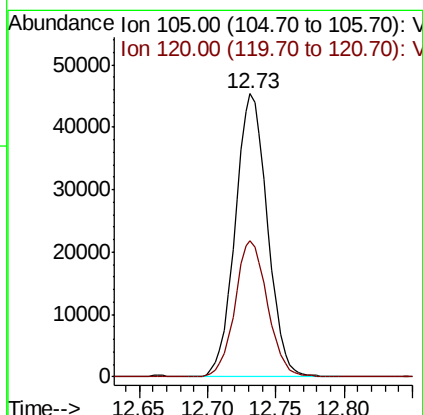
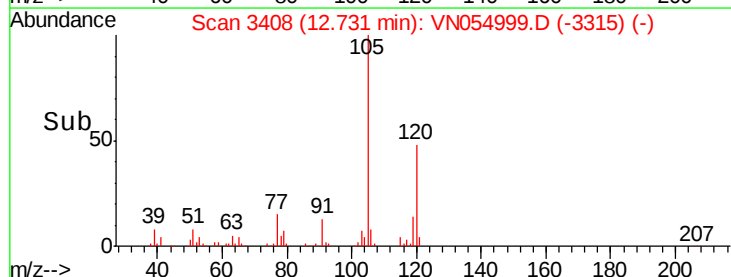
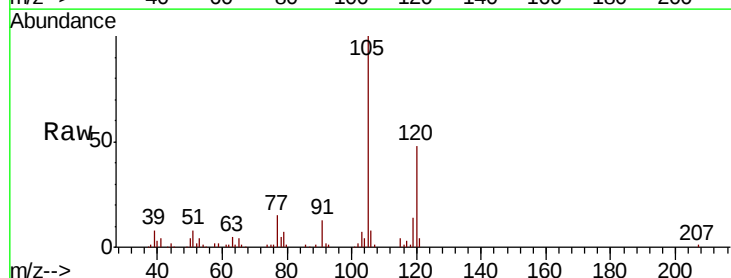
Acq: 12 Apr 2019 15:13

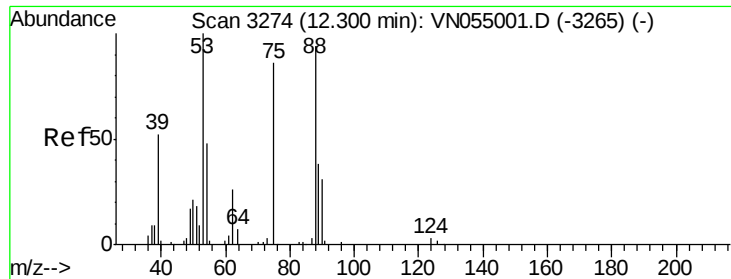
Tgt Ion: 105 Resp: 74266

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.136 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

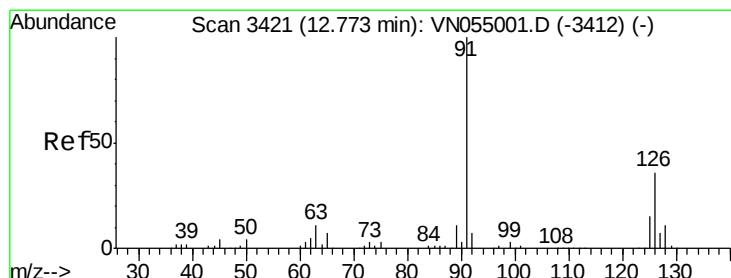
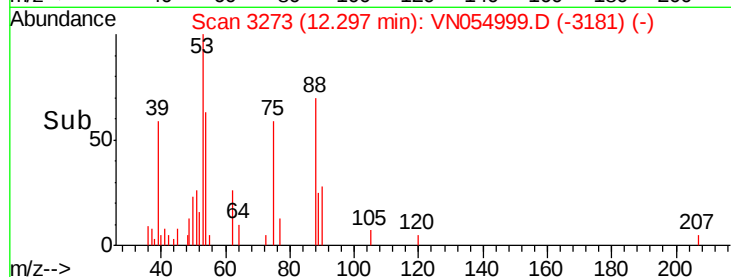
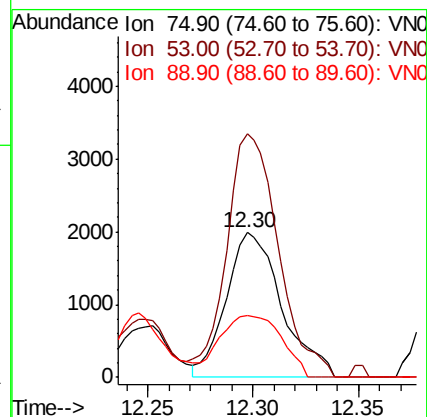
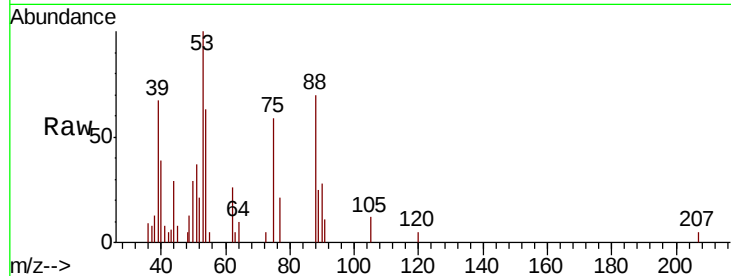
Tot Ion: 75 Resp: 3646

Ion Ratio Lower Upper

75 100

53 157.5 96.3 144.5#

89 47.1 38.6 57.8



#82

4-Chlorotoluene

Concen: 5.209 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054999.D

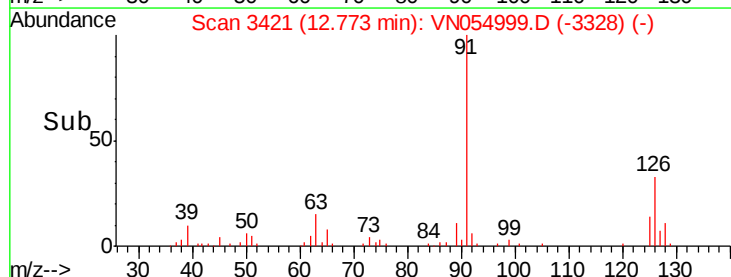
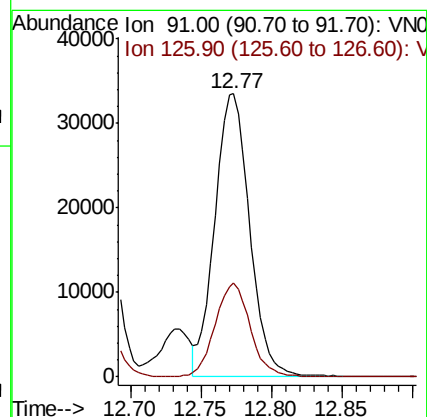
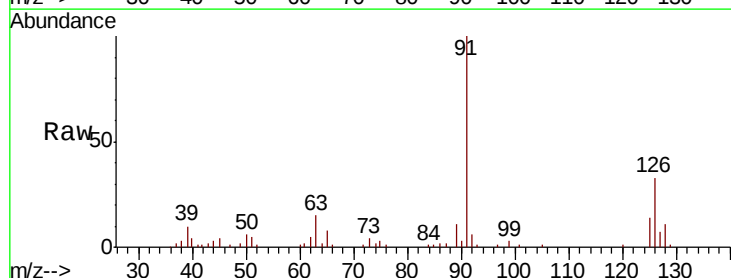
Acq: 12 Apr 2019 15:13

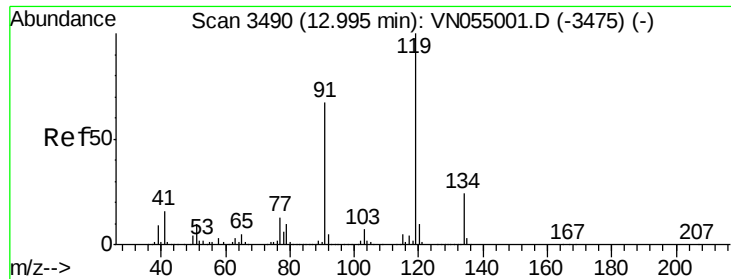
Tgt Ion: 91 Resp: 57751

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.2

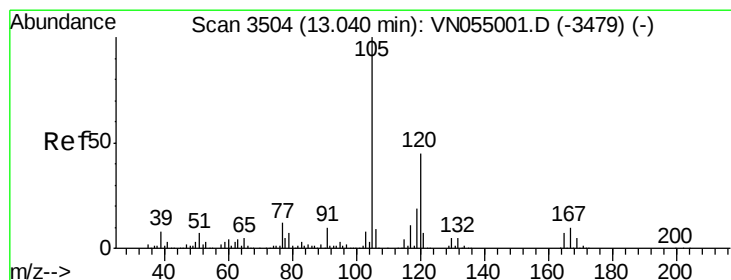
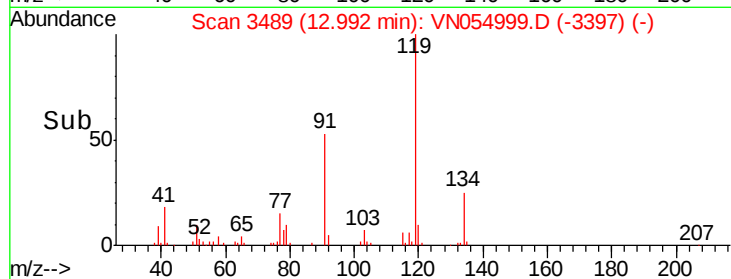
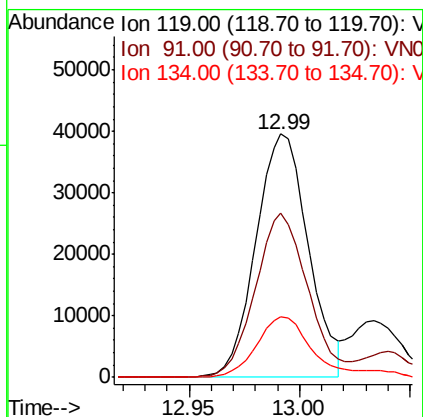
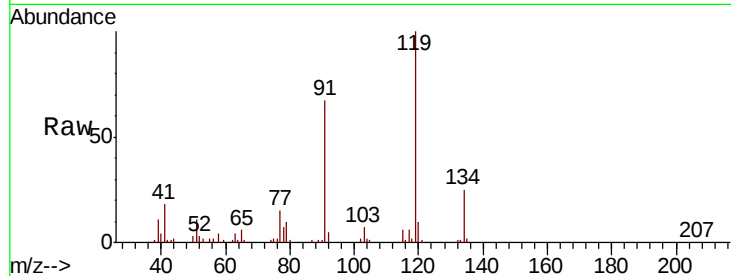




#83  
tert-Butylbenzene  
Concen: 5.408 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. -0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

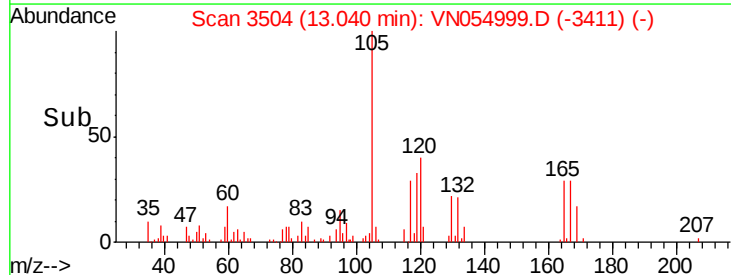
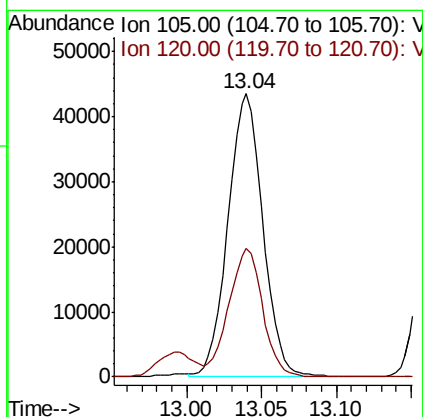
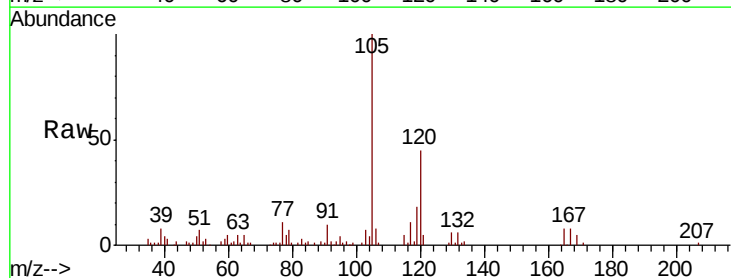
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

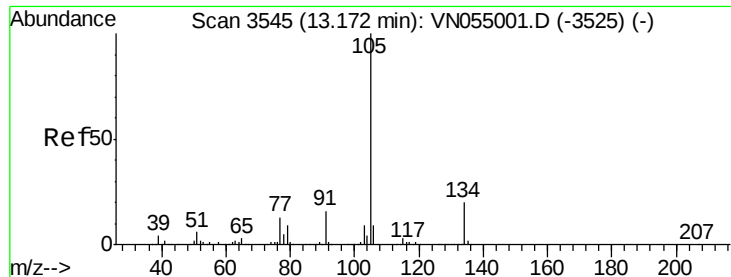
Tot Ion:119 Resp: 64969  
Ion Ratio Lower Upper  
119 100  
91 67.5 33.3 99.8  
134 27.6 12.3 36.9



#84  
1,2,4-Trimethylbenzene  
Concen: 5.194 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN054999.D  
Acq: 12 Apr 2019 15:13

Tgt Ion:105 Resp: 70730  
Ion Ratio Lower Upper  
105 100  
120 44.1 22.4 67.3

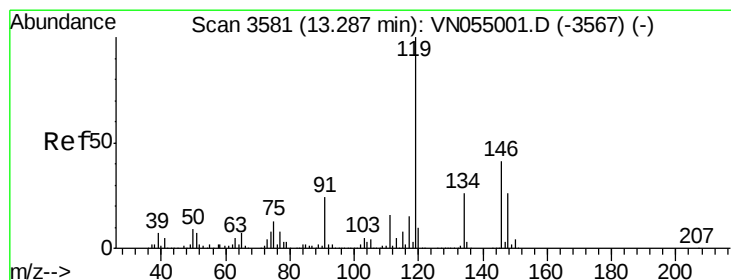
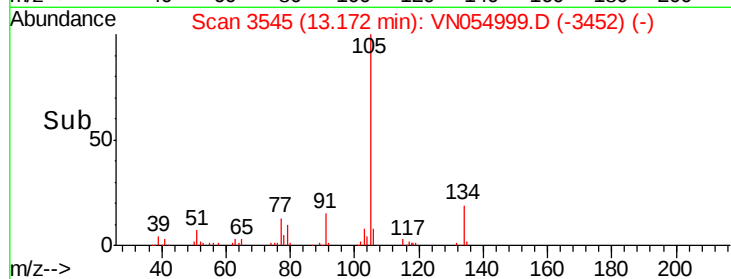
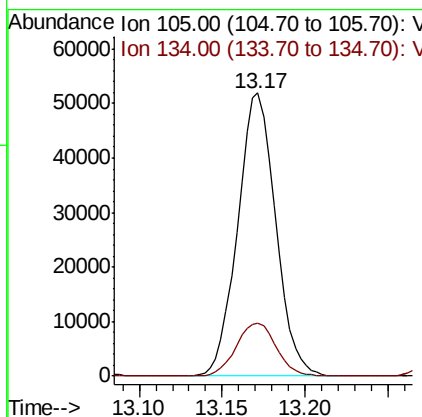
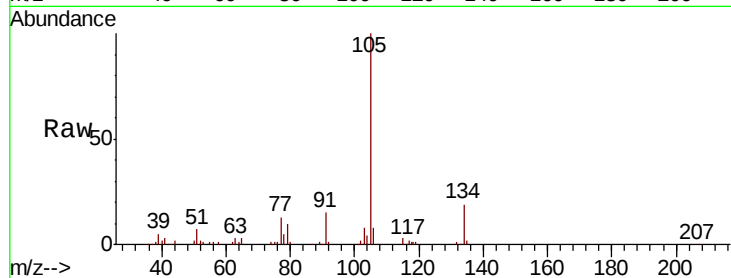




#85  
 sec-Butylbenzene  
 Concen: 5.321 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. 0.00 min  
 Lab File: VN054999.D  
 Acq: 12 Apr 2019 15:13

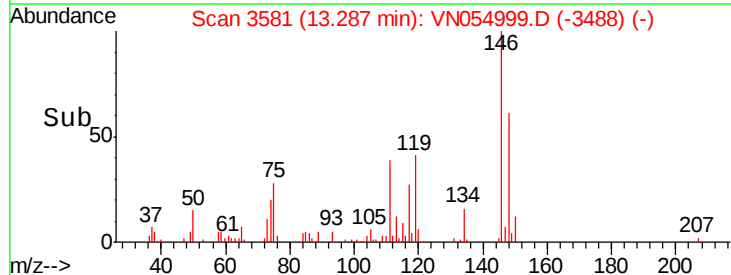
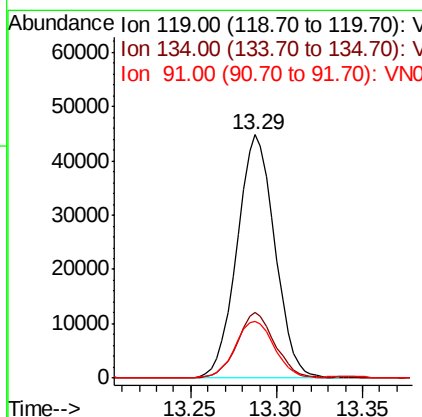
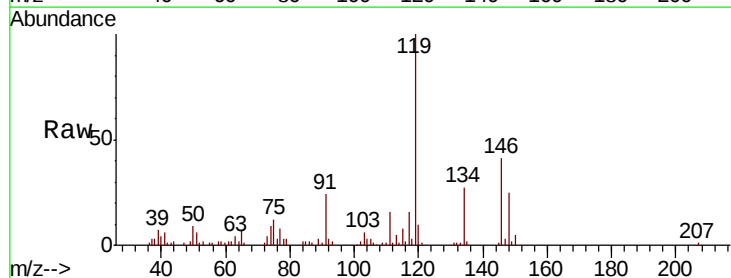
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

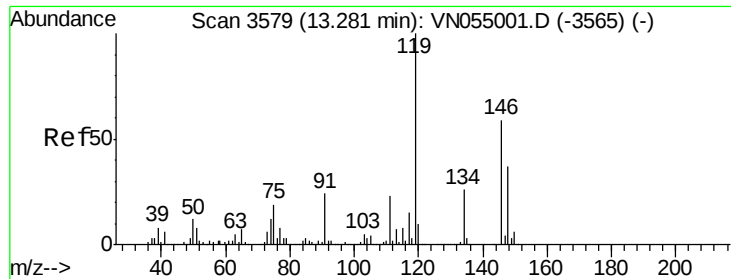
Tot Ion:105 Resp: 82692  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 5.127 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN054999.D  
 Acq: 12 Apr 2019 15:13

Tgt Ion:119 Resp: 68587  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 13.2 39.5  
 91 24.4 11.7 35.1

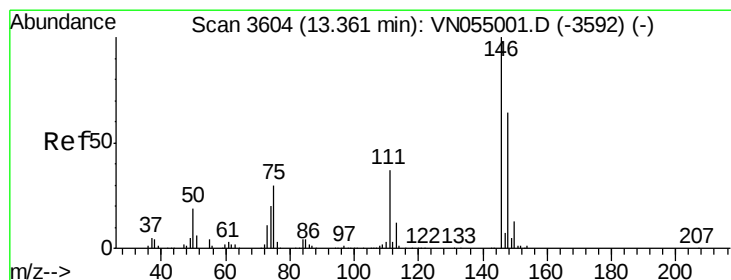
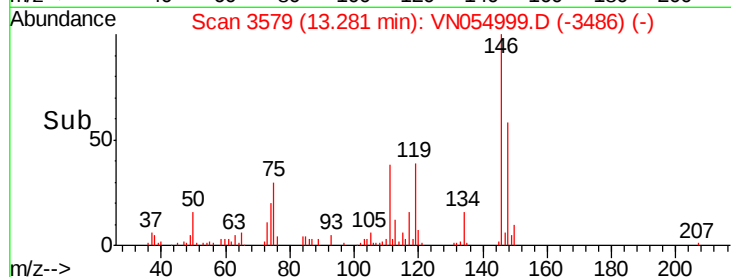
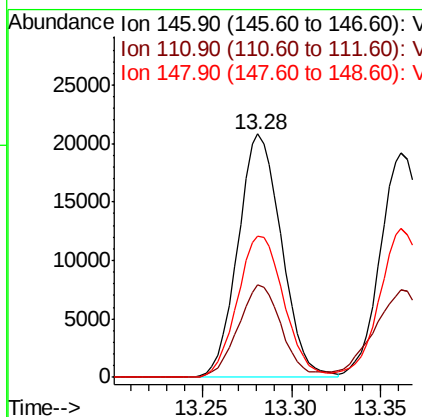
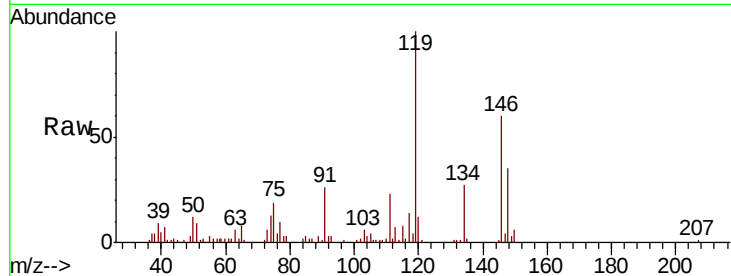




#87  
 1,3-Dichlorobenzene  
 Concen: 5.145 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN054999.D  
 Acq: 12 Apr 2019 15:13

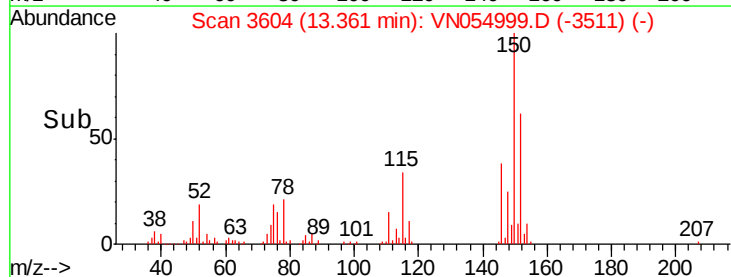
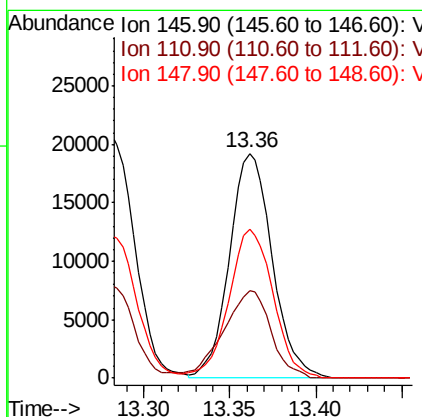
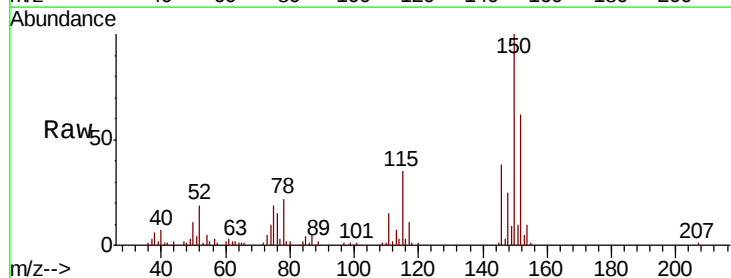
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

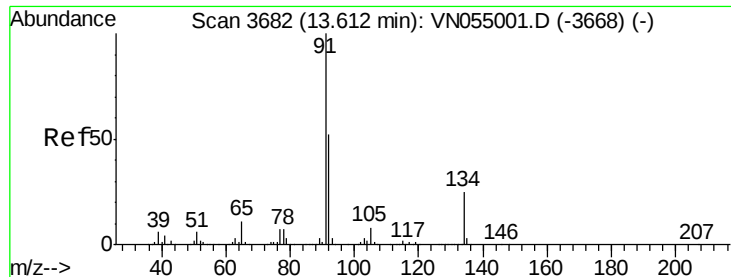
Tot Ion:146 Resp: 35502  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 19.5 58.5  
 148 62.0 31.6 94.7



#88  
 1,4-Dichlorobenzene  
 Concen: 5.074 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN054999.D  
 Acq: 12 Apr 2019 15:13

Tgt Ion:146 Resp: 33374  
 Ion Ratio Lower Upper  
 146 100  
 111 43.2 18.8 56.4  
 148 68.4 32.4 97.2





#89

n-Butylbenzene

Concen: 4.529 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

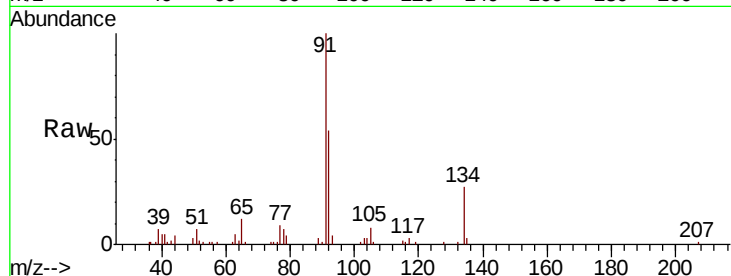
Tot Ion: 91 Resp: 48082

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.7

134 24.6 12.8 38.3

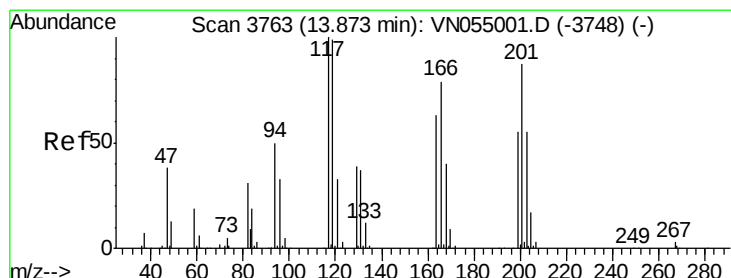
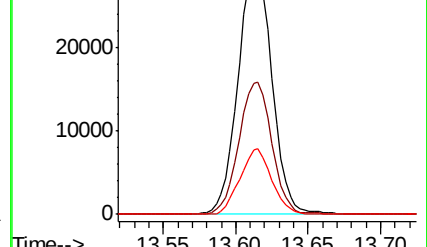
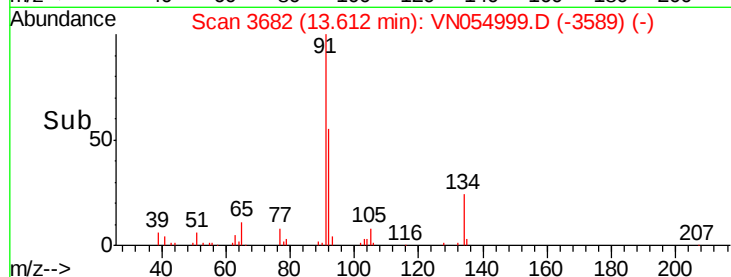


Abundance Ion 91.00 (90.70 to 91.70): VN055001.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055001.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055001.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 5.104 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054999.D

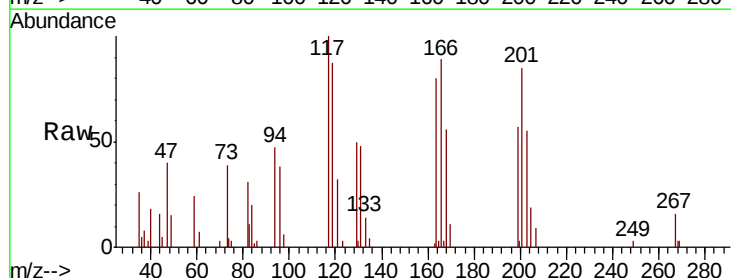
Acq: 12 Apr 2019 15:13

Tgt Ion: 117 Resp: 11357

Ion Ratio Lower Upper

117 100

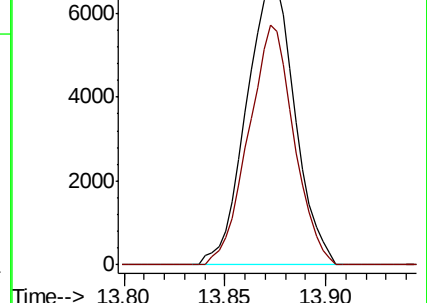
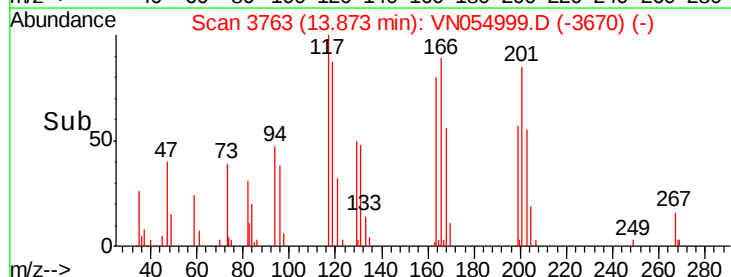
201 79.1 43.4 130.2

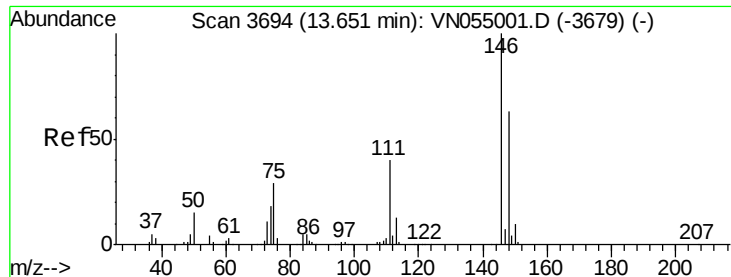


Abundance Ion 116.80 (116.50 to 117.50): VN055001.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN055001.D (-3748) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 5.230 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

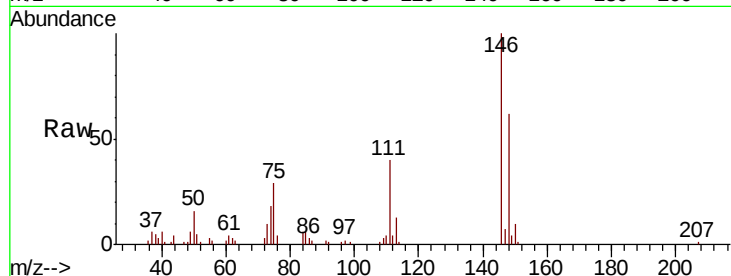
Tot Ion:146 Resp: 35538

Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.9

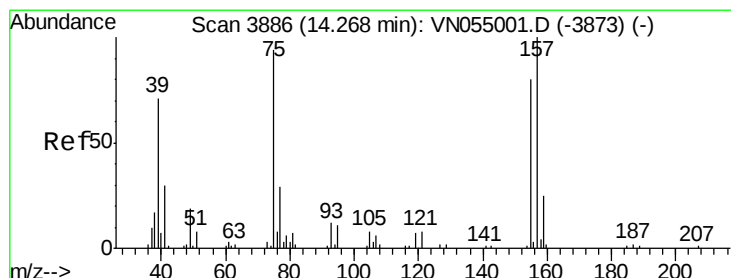
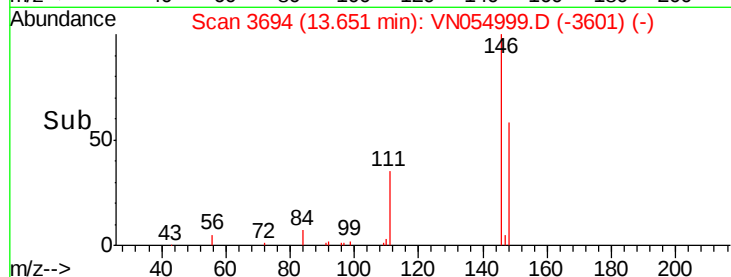
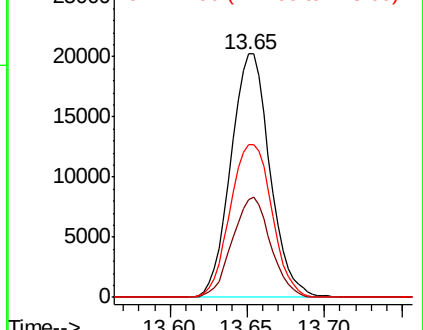
148 67.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.682 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

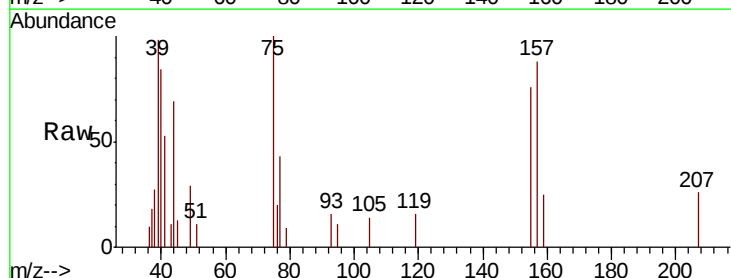
Tgt Ion: 75 Resp: 2788

Ion Ratio Lower Upper

75 100

155 80.5 42.0 126.0

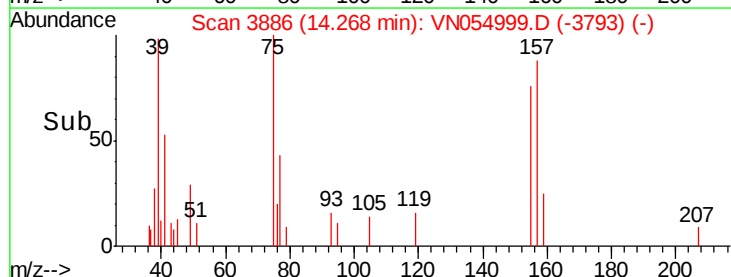
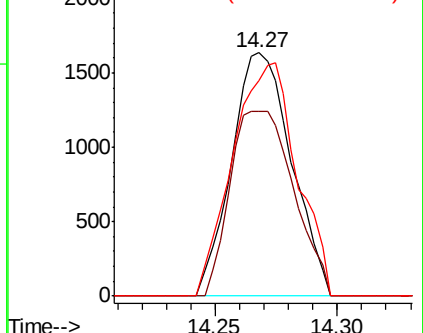
157 102.7 52.1 156.4

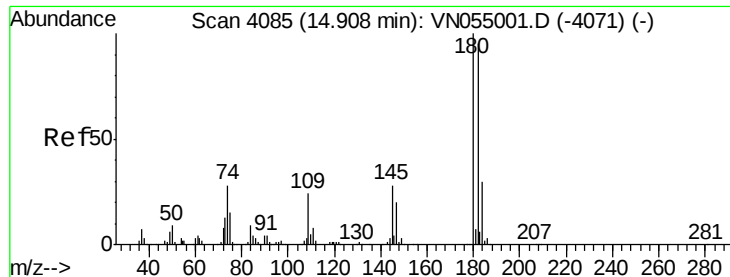


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

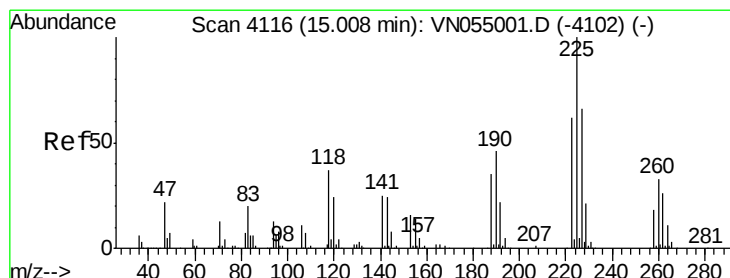
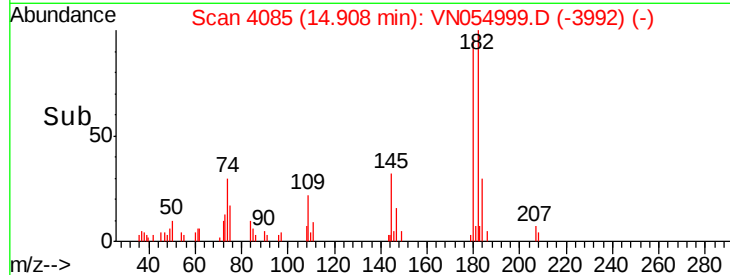
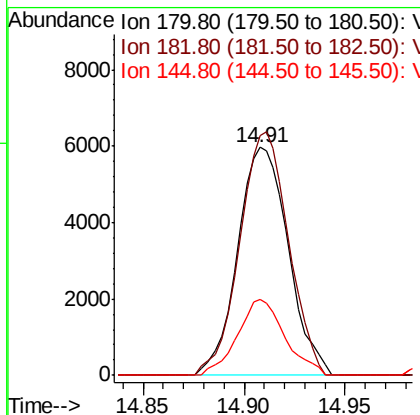
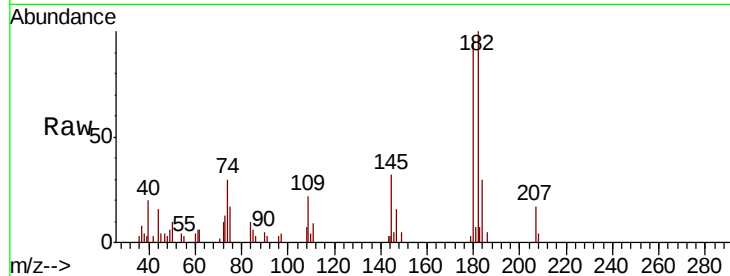




#93  
 1,2,4-Trichlorobenzene  
 Concen: 3.504 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN054999.D  
 Acq: 12 Apr 2019 15:13

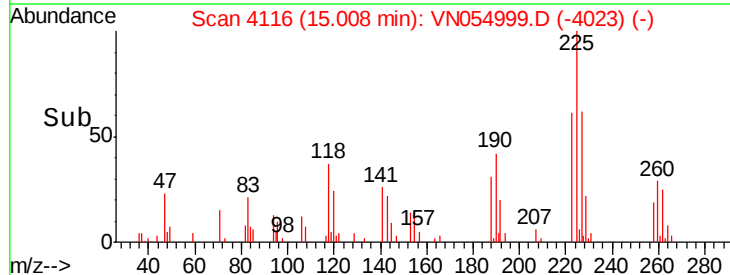
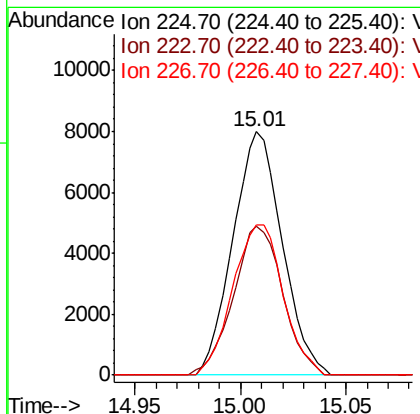
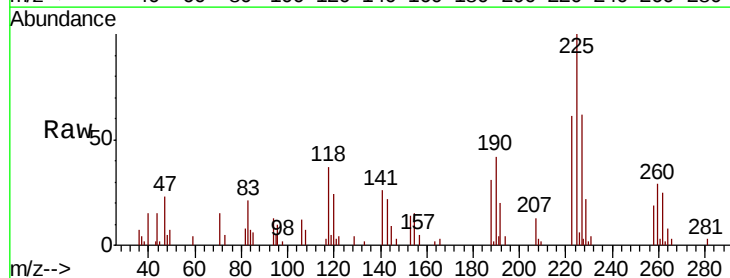
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

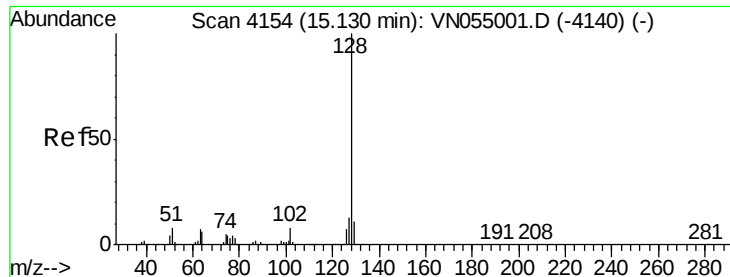
Tot Ion:180 Resp: 10468  
 Ion Ratio Lower Upper  
 180 100  
 182 102.6 47.5 142.6  
 145 31.0 14.2 42.8



#94  
 Hexachlorobutadiene  
 Concen: 5.692 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN054999.D  
 Acq: 12 Apr 2019 15:13

Tgt Ion:225 Resp: 12960  
 Ion Ratio Lower Upper  
 225 100  
 223 61.3 31.4 94.0  
 227 63.2 32.6 97.7





#95

Naphthalene

Concen: 3.564 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

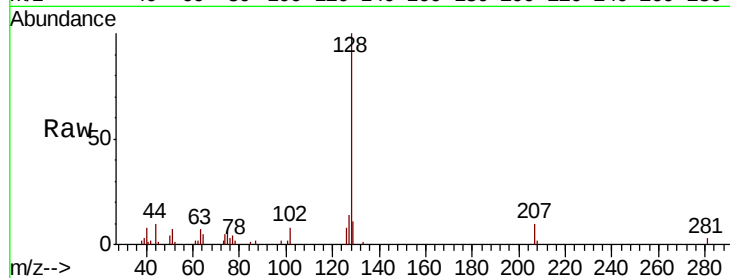
Tot Ion:128 Resp: 23517

Ion Ratio Lower Upper

128 100

127 14.2 10.1 15.1

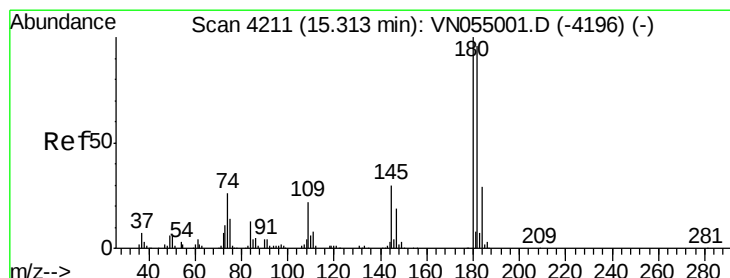
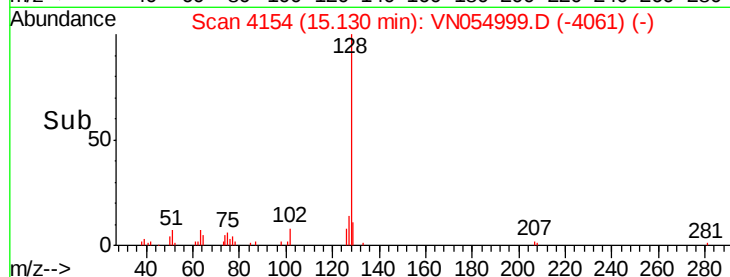
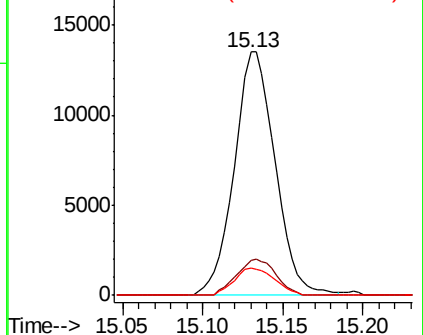
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.995 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054999.D

Acq: 12 Apr 2019 15:13

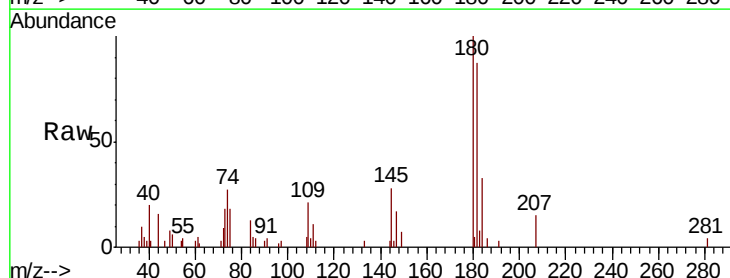
Tgt Ion:180 Resp: 12402

Ion Ratio Lower Upper

180 100

182 97.4 48.0 144.0

145 30.4 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

