

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\  
 Data File : VN055336.D  
 Acq On : 2 May 2019 8:58  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 03 01:49:52 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:16:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 393074   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 599362   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 523731   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 215669   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.02  | 65   | 243176   | 47.29 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.58%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 196294   | 49.90 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.80%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 724134   | 50.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.96% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 246812   | 55.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.18% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 237901   | 49.398  | ug/l  | 100    |
| 3) Chloromethane              | 2.06 | 50   | 264272   | 44.315  | ug/l  | 97     |
| 4) Vinyl Chloride             | 2.19 | 62   | 219285   | 45.618  | ug/l  | 99     |
| 5) Bromomethane               | 2.56 | 94   | 115149   | 45.223  | ug/l  | 94     |
| 6) Chloroethane               | 2.70 | 64   | 117742   | 45.214  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 320447   | 46.881  | ug/l  | 99     |
| 8) Diethyl Ether              | 3.41 | 74   | 108864   | 45.522  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101  | 196127   | 48.184  | ug/l  | 99     |
| 10) Methyl Iodide             | 3.95 | 142  | 265707   | 46.385  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.79 | 59   | 66181    | 224.791 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 175388   | 45.169  | ug/l  | 96     |
| 13) Acrolein                  | 3.61 | 56   | 50378    | 219.107 | ug/l  | 97     |
| 14) Allyl chloride            | 4.33 | 41   | 370613   | 46.085  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.99 | 53   | 394876   | 238.617 | ug/l  | 99     |
| 16) Acetone                   | 3.82 | 43   | 452172   | 282.206 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.06 | 76   | 459223   | 45.318  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.33 | 43   | 194330   | 49.783  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.04 | 73   | 508465   | 46.580  | ug/l  | 98     |
| 20) Methylene Chloride        | 4.55 | 84   | 211053   | 43.154  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 188988   | 45.957  | ug/l  | 97     |
| 22) Diisopropyl ether         | 5.95 | 45   | 769828   | 48.179  | ug/l  | 98     |
| 23) Vinyl Acetate             | 5.89 | 43   | 2542343  | 242.769 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 398448   | 46.802  | ug/l  | 100    |
| 25) 2-Butanone                | 6.83 | 43   | 529885   | 258.594 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 278710   | 47.408  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 218089   | 46.636  | ug/l  | 97     |
| 28) Bromochloromethane        | 7.19 | 49   | 198931   | 46.356  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 308305   | 234.971 | ug/l  | 100    |
| 30) Chloroform                | 7.37 | 83   | 382599   | 47.408  | ug/l  | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 361541   | 44.697  | ug/l  | 100    |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 306333   | 46.769  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 277637   | 48.361  | ug/l  | 100    |
| 37) Ethyl Acetate             | 6.93 | 43   | 200878   | 45.654  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 264106   | 47.690  | ug/l  | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 03 01:49:52 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:16:52 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 297933   | 48.810   | ug/l   | 96       |
| 40) Benzene                    | 8.04  | 78   | 833862   | 49.271   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 137273   | 57.533   | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 290060   | 48.391   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 357539   | 50.564   | ug/l # | 87       |
| 44) Trichloroethene            | 8.83  | 130  | 209516   | 48.562   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 239460   | 49.058   | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 131484   | 49.281   | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.40  | 83   | 291002   | 50.841   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.20  | 41   | 165974   | 47.747   | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 38009    | 1057.750 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 1007668  | 253.114  | ug/l   | 98       |
| 52) Toluene                    | 10.16 | 92   | 488455   | 50.302   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 269859   | 54.310   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 325571   | 52.552   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 179977   | 49.912   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 228197   | 51.415   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 313707   | 49.592   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 335991   | 244.229  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 679040   | 272.608  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 195695   | 53.100   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 168688   | 50.613   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 203827   | 47.590   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 499200   | 48.752   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 193362   | 48.226   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 937747   | 50.715   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 684954   | 103.779  | ug/l   | 98       |
| 69) o-Xylene                   | 11.95 | 106  | 334901   | 51.194   | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 550997   | 54.856   | ug/l   | 99       |
| 71) Bromoform                  | 12.12 | 173  | 118139   | 53.100   | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 900858   | 52.664   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 269306   | 48.656   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 213675   | 50.005   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 259799   | 65.593   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 212824   | 51.810   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 1024706  | 46.254   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 617935   | 53.029   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 752001   | 44.477   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 52532    | 46.159   | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 600314   | 46.605   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 639197   | 53.621   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 725325   | 47.967   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 832465   | 45.299   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 734559   | 48.632   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 351474   | 48.702   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 341497   | 50.248   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 579905   | 54.030   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 123737   | 51.795   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 339405   | 47.451   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 28955    | 51.032   | ug/l   | 96       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 2 Sample Multiplier: 1

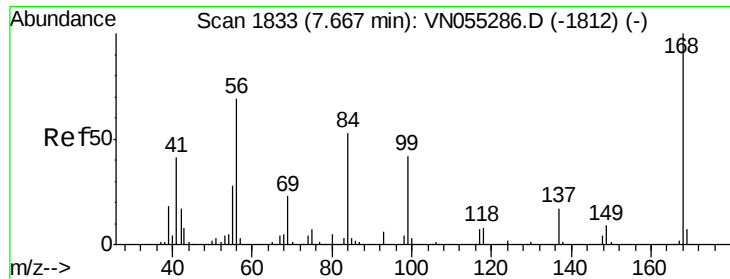
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: May 03 01:49:52 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 30 07:16:52 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 124922   | 44.678 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 126965   | 59.522 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 237808   | 40.357 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 125120   | 45.314 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

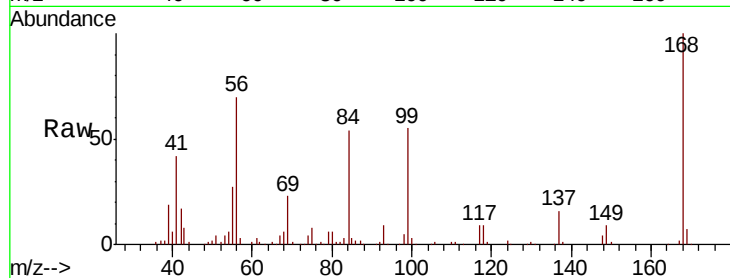
VSTDCCC050

Tot Ion:168 Resp: 393074

Ion Ratio Lower Upper

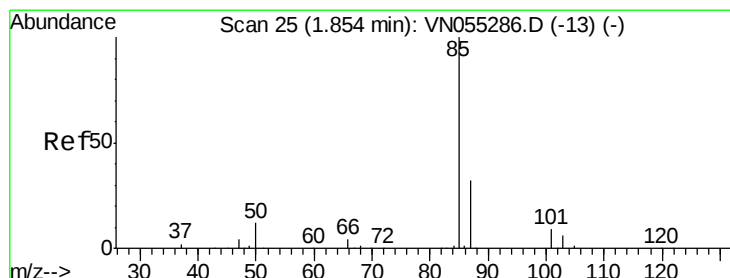
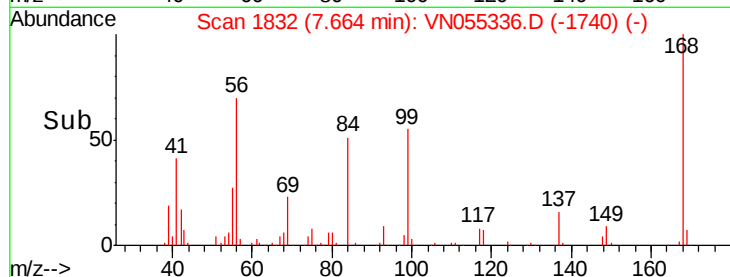
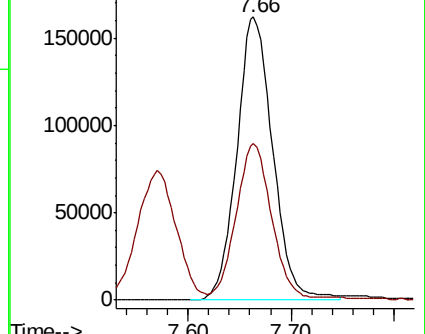
168 100

99 54.4 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.398 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055336.D

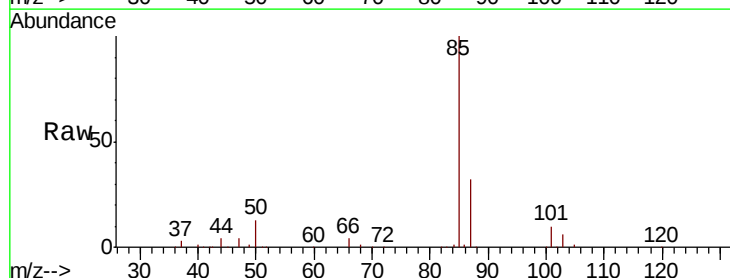
Acq: 2 May 2019 8:58

Tgt Ion: 85 Resp: 237901

Ion Ratio Lower Upper

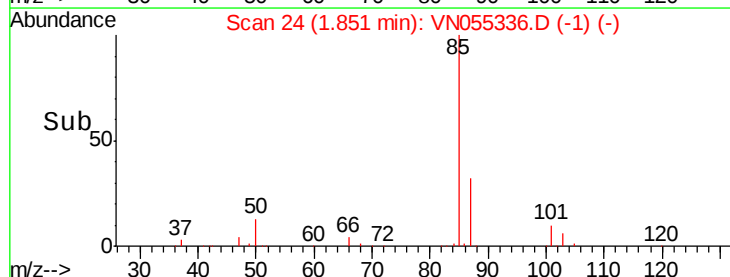
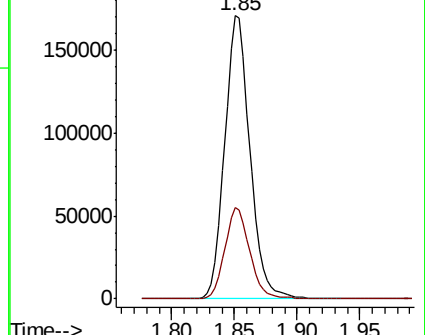
85 100

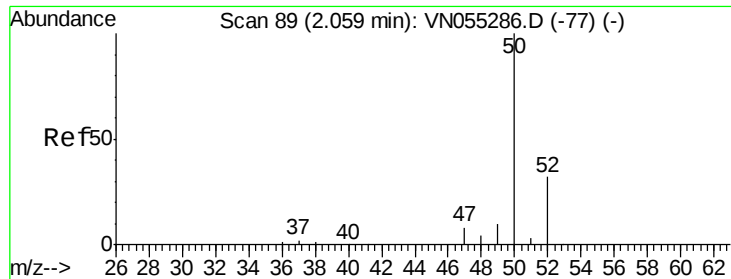
87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 44.315 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

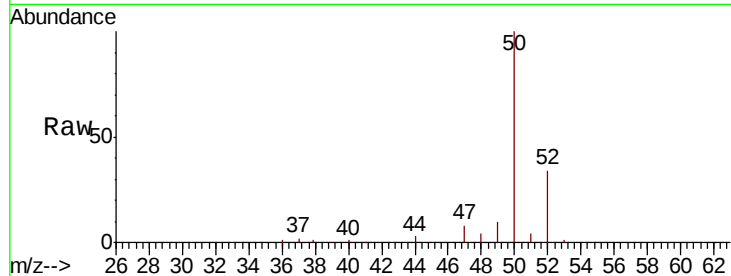
VSTDCCC050

Tot Ion: 50 Resp: 264272

Ion Ratio Lower Upper

50 100

52 33.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC

2.06

200000

150000

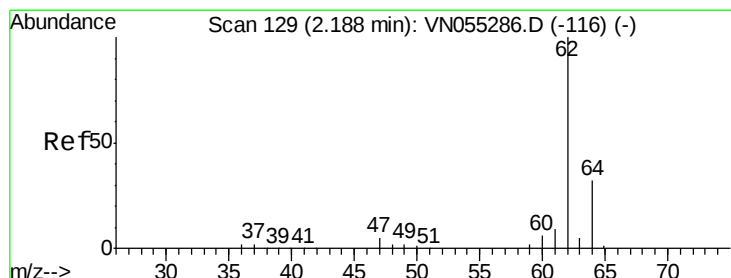
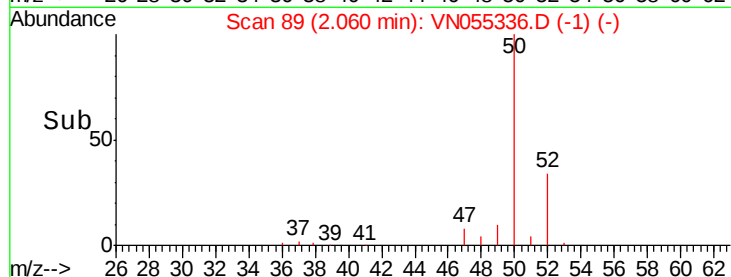
100000

50000

0

2.00 2.05 2.10 2.15

Time-->



#4

Vinyl Chloride

Concen: 45.618 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055336.D

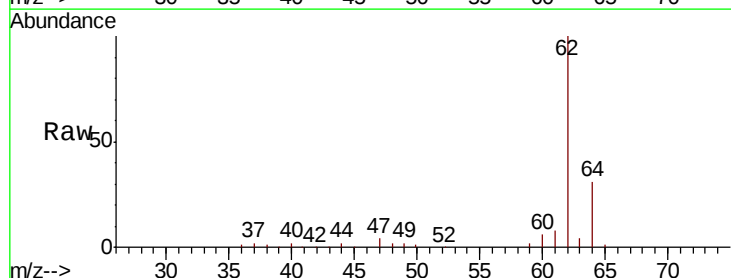
Acq: 2 May 2019 8:58

Tgt Ion: 62 Resp: 219285

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

2.19

150000

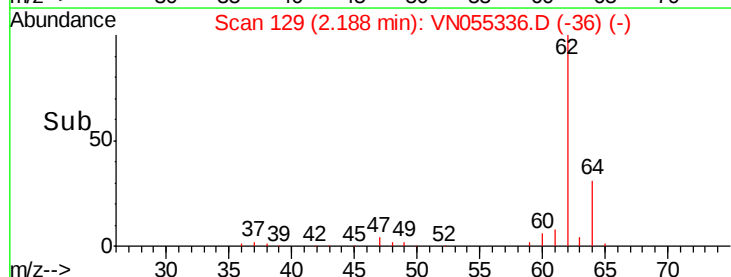
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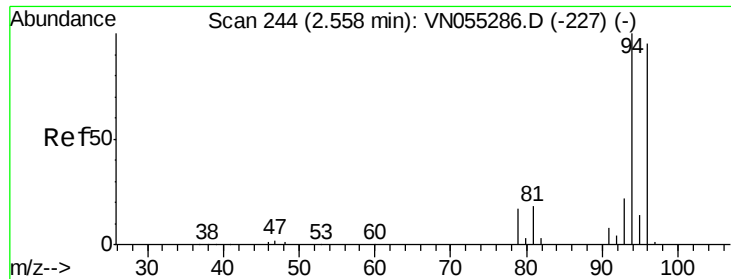
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0

2.10 2.15 2.20 2.25

Time-->

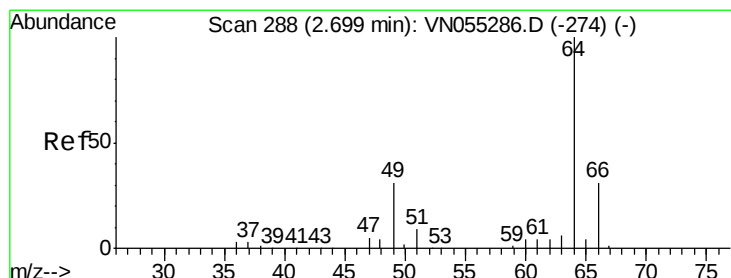
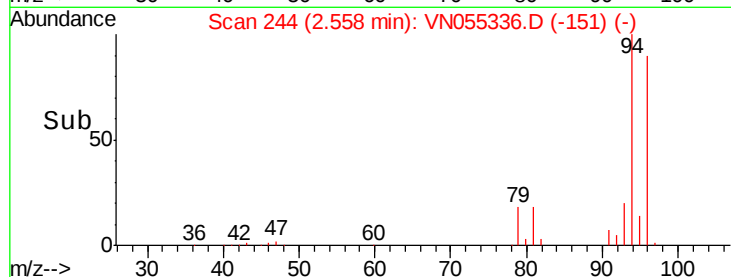
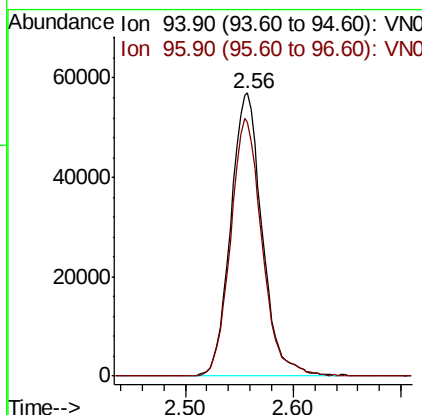
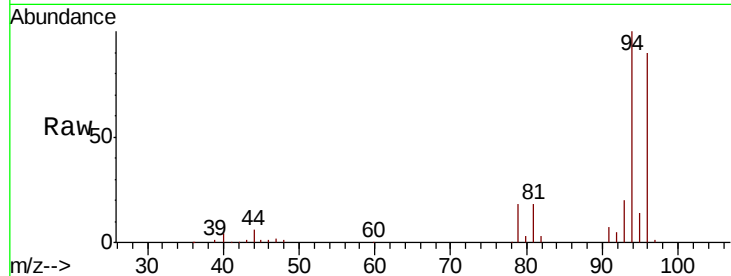




#5  
Bromomethane  
Concen: 45.223 ug/l  
RT: 2.56 min Scan# 244  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

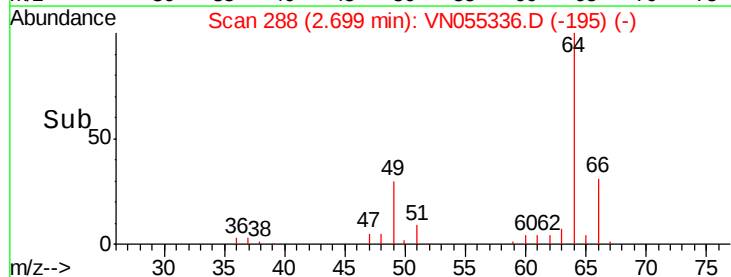
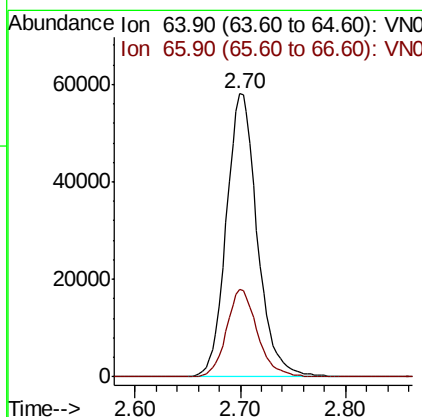
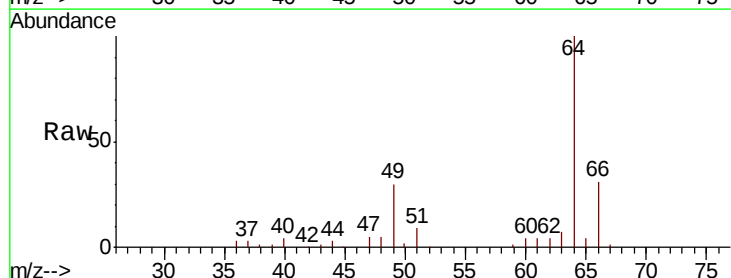
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

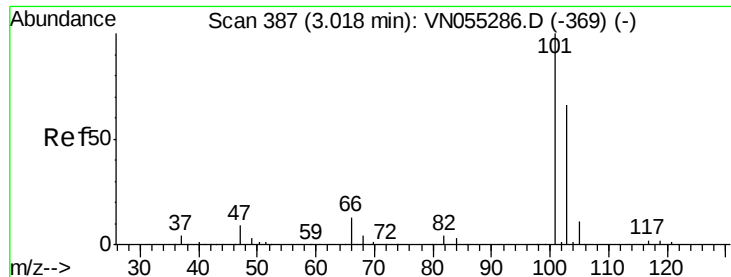
Tot Ion: 94 Resp: 115149  
Ion Ratio Lower Upper  
94 100  
96 89.5 76.0 114.0



#6  
Chloroethane  
Concen: 45.214 ug/l  
RT: 2.70 min Scan# 288  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion: 64 Resp: 117742  
Ion Ratio Lower Upper  
64 100  
66 31.0 25.0 37.4



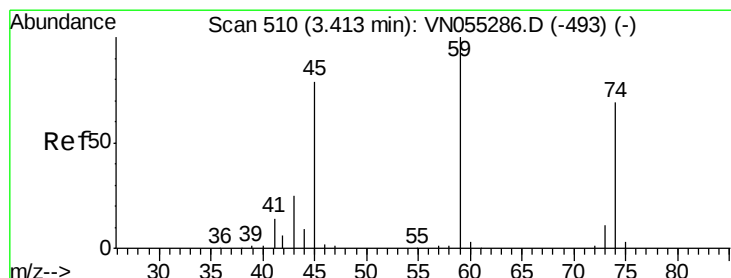
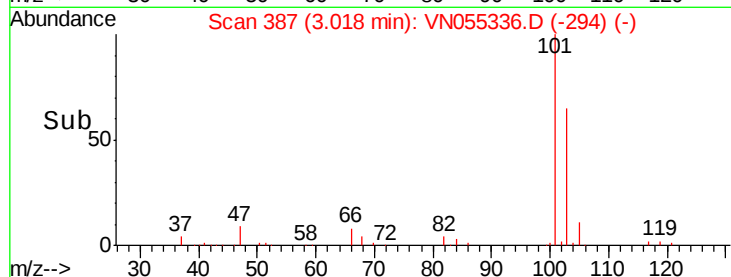
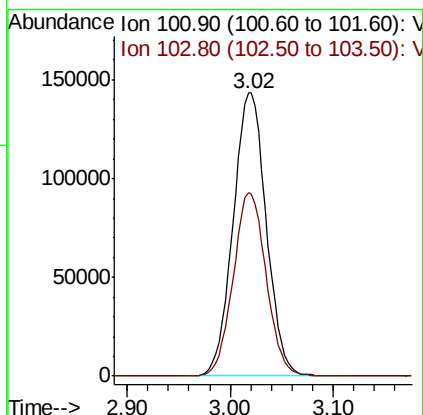
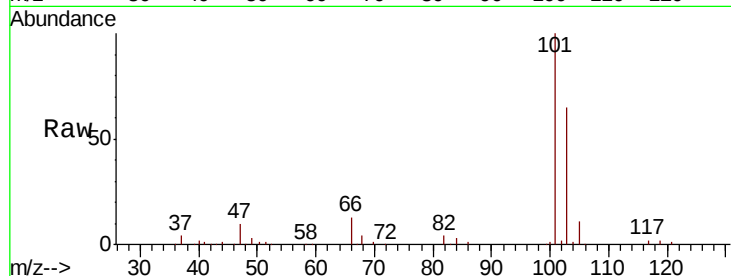


#7

Trichlorofluoromethane  
 Concen: 46.881 ug/l  
 RT: 3.02 min Scan# 387  
 Delta R.T. 0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

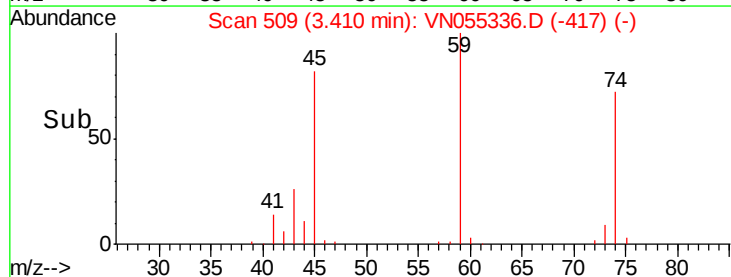
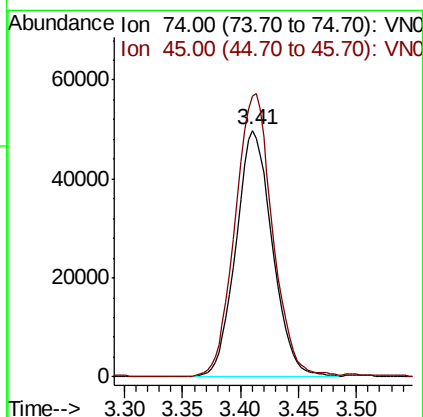
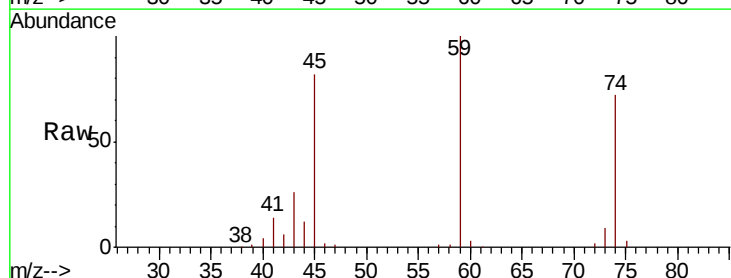
Tot Ion:101 Resp: 320447  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 52.6 79.0

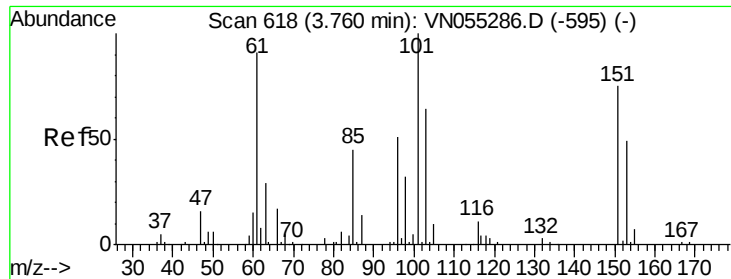


#8

Diethyl Ether  
 Concen: 45.522 ug/l  
 RT: 3.41 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

Tgt Ion: 74 Resp: 108864  
 Ion Ratio Lower Upper  
 74 100  
 45 118.5 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.184 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

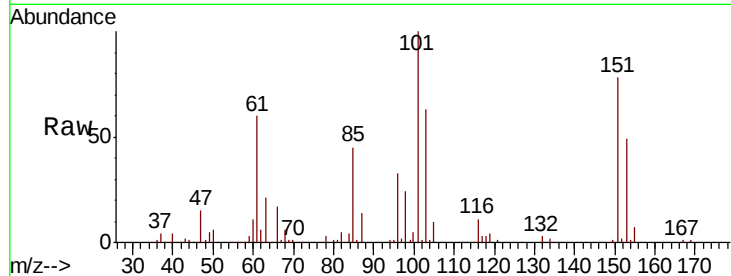
Tot Ion:101 Resp: 196127

Ion Ratio Lower Upper

101 100

85 45.0 35.7 53.5

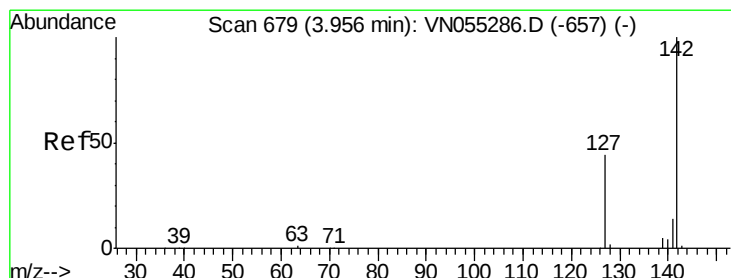
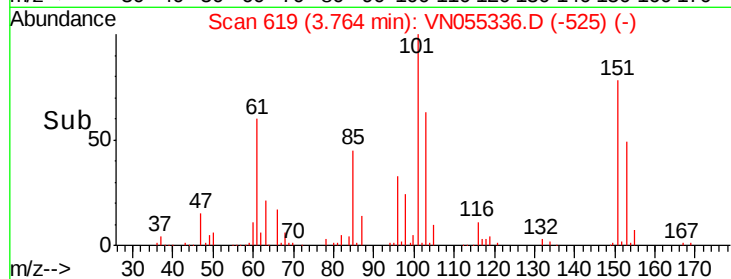
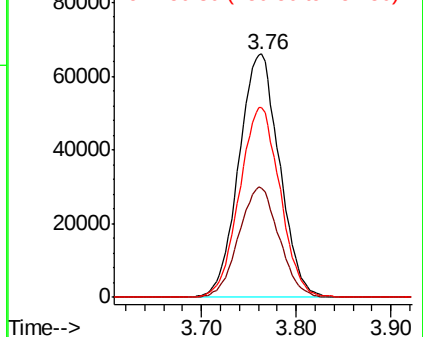
151 78.1 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.385 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

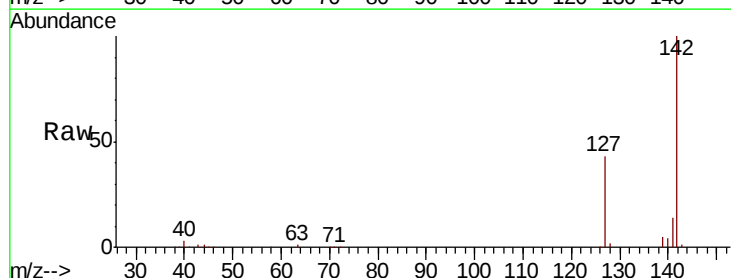
Tgt Ion:142 Resp: 265707

Ion Ratio Lower Upper

142 100

127 43.8 34.4 51.6

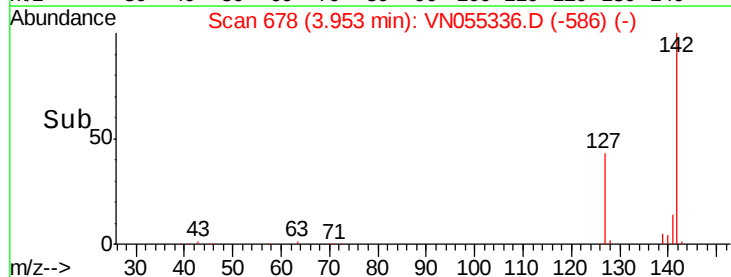
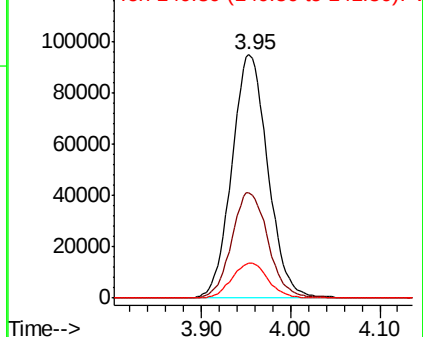
141 14.5 11.5 17.3



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

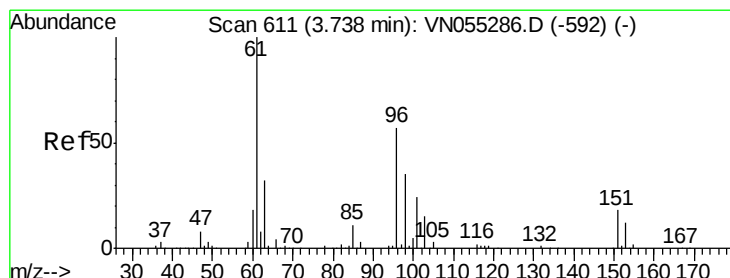
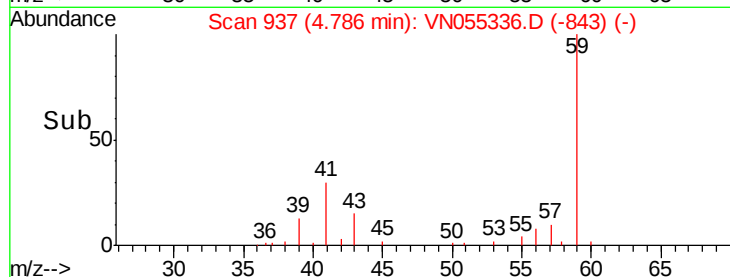
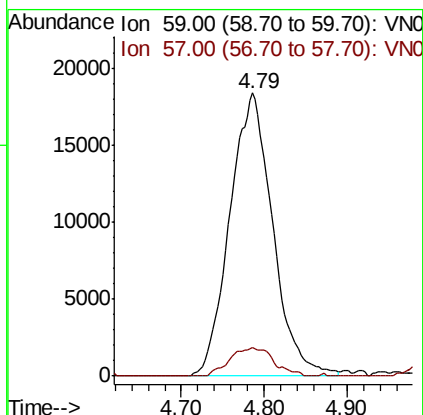
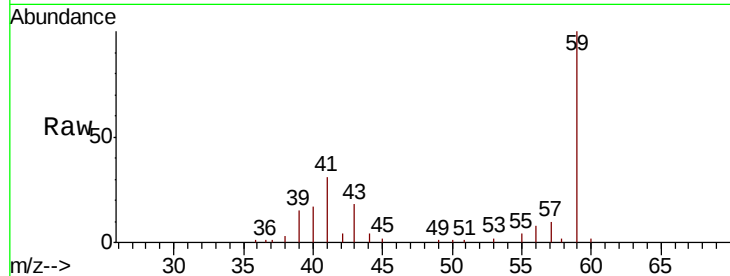




#11  
Tert butyl alcohol  
Concen: 224.791 ug/l  
RT: 4.79 min Scan# 937  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

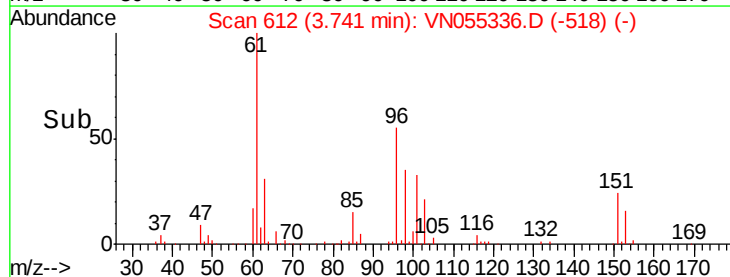
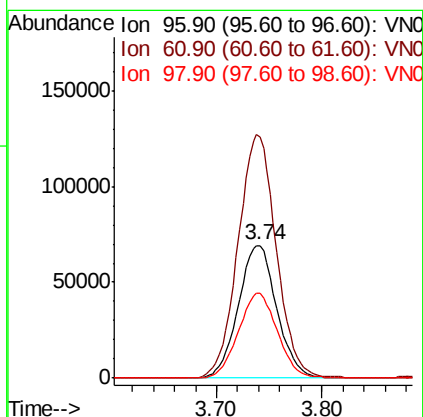
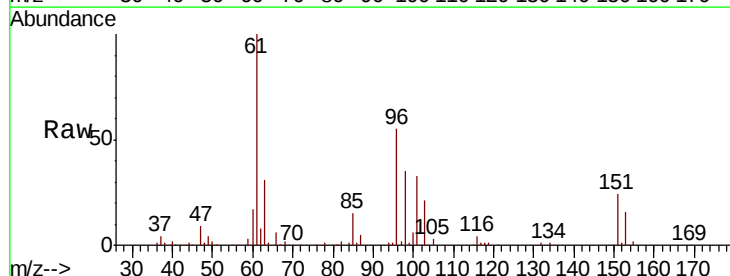
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

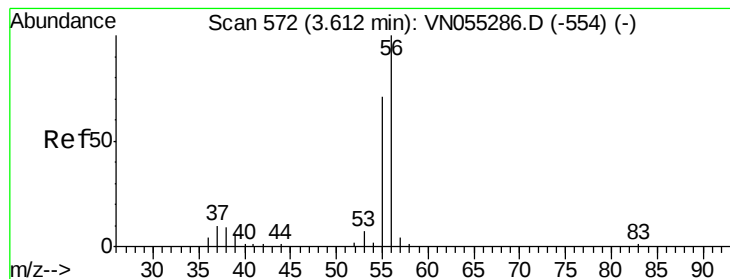
Tot Ion: 59 Resp: 66181  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 45.169 ug/l  
RT: 3.74 min Scan# 612  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion: 96 Resp: 175388  
Ion Ratio Lower Upper  
96 100  
61 182.3 140.9 211.3  
98 63.6 50.0 75.0





#13

Acrolein

Concen: 219.107 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

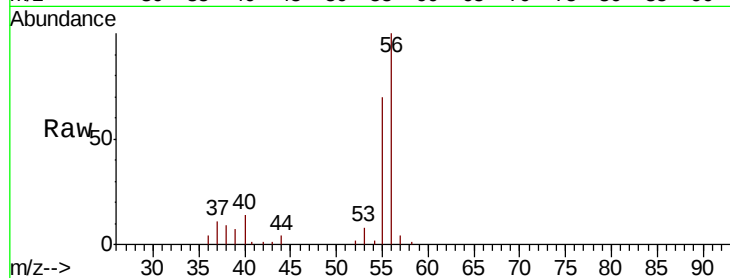
VSTDCCC050

Tot Ion: 56 Resp: 50378

Ion Ratio Lower Upper

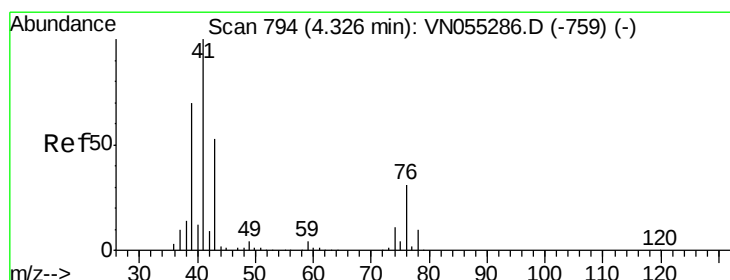
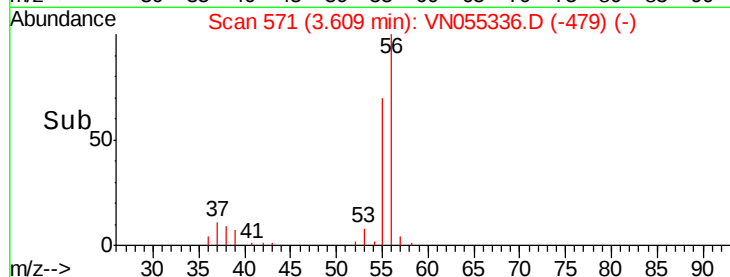
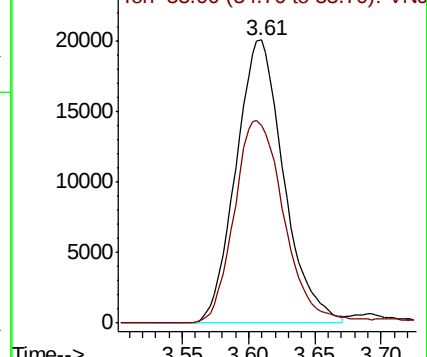
56 100

55 74.7 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 46.085 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

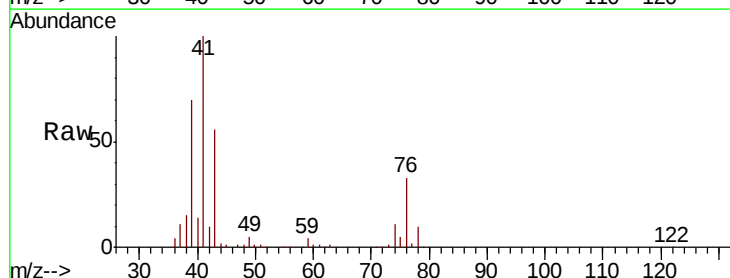
Tgt Ion: 41 Resp: 370613

Ion Ratio Lower Upper

41 100

39 66.9 53.0 79.6

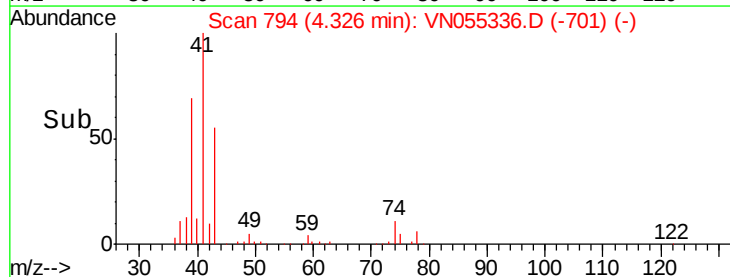
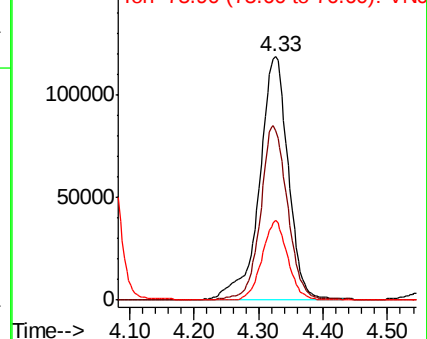
76 29.0 22.7 34.1

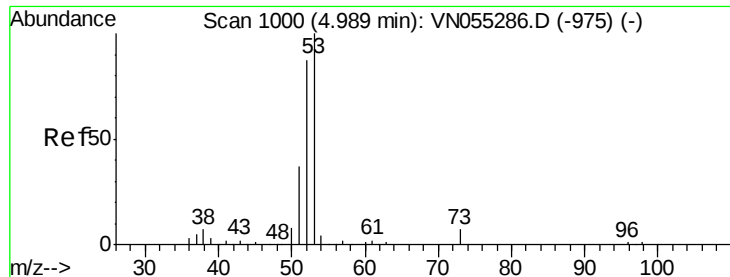


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 238.617 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

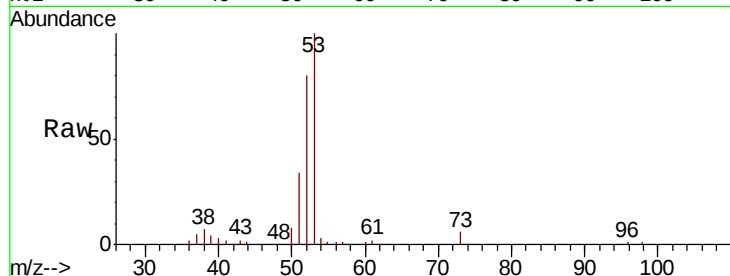
Tot Ion: 53 Resp: 394876

Ion Ratio Lower Upper

53 100

52 82.0 66.5 99.7

51 36.1 29.6 44.4

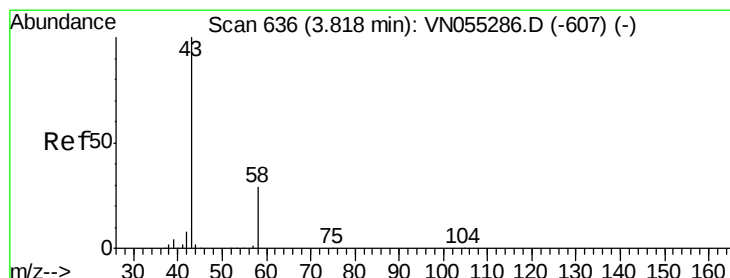
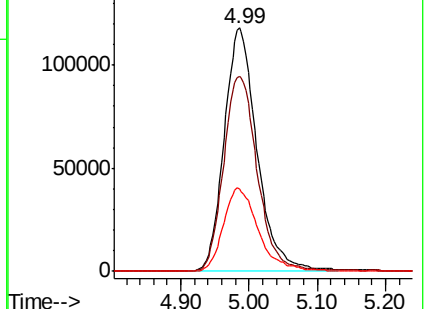
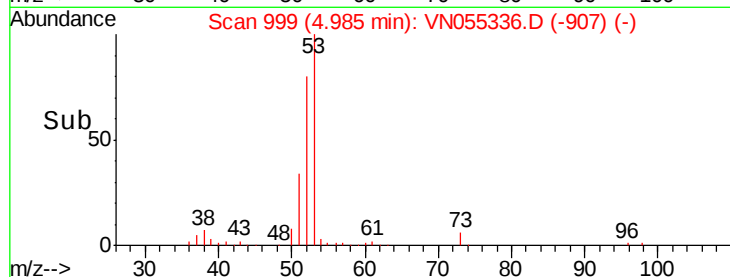


Abundance Ion 53.00 (52.70 to 53.70): VN055286.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN055286.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN055286.D (-975) (-)

Time-->



#16

Acetone

Concen: 282.206 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN055336.D

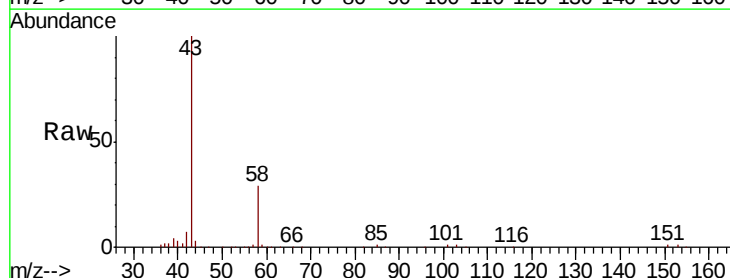
Acq: 2 May 2019 8:58

Tgt Ion: 43 Resp: 452172

Ion Ratio Lower Upper

43 100

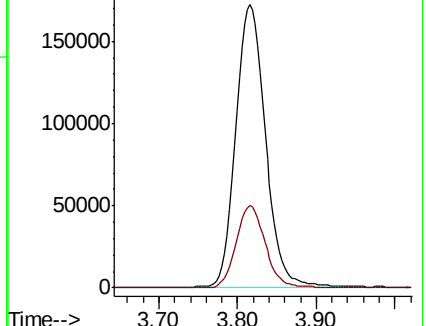
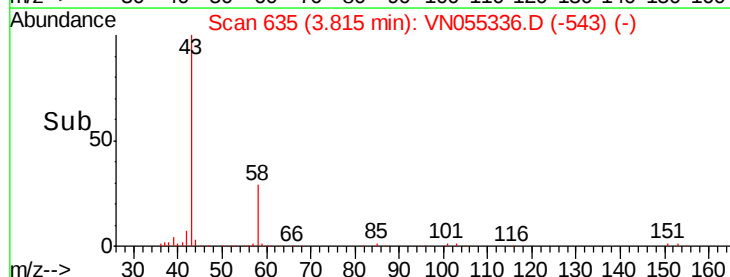
58 29.1 23.6 35.4

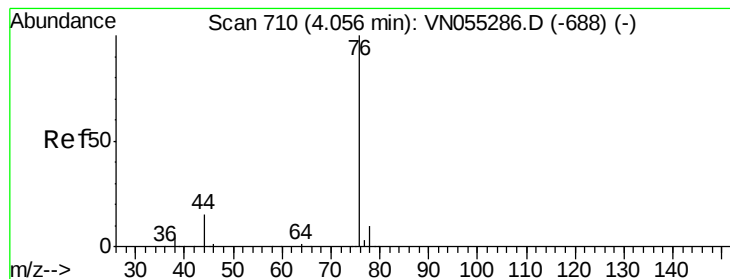


Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-607) (-)

Time-->





#17

Carbon Disulfide

Concen: 45.318 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

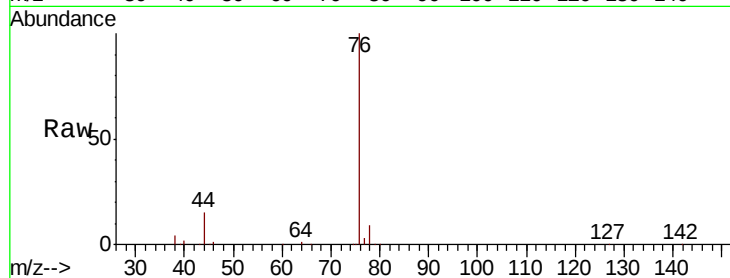
VSTDCCC050

Tot Ion: 76 Resp: 459223

Ion Ratio Lower Upper

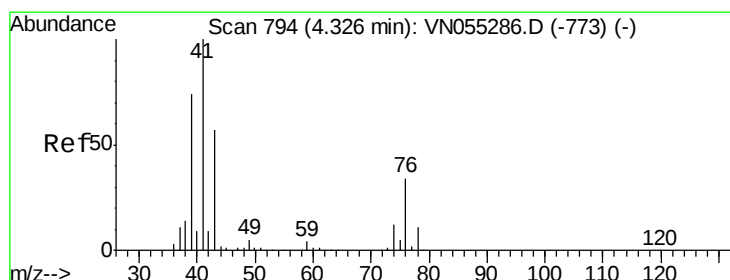
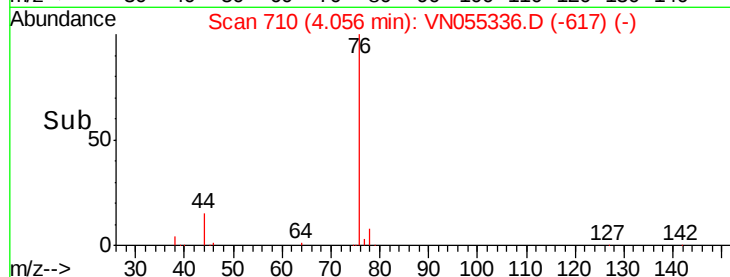
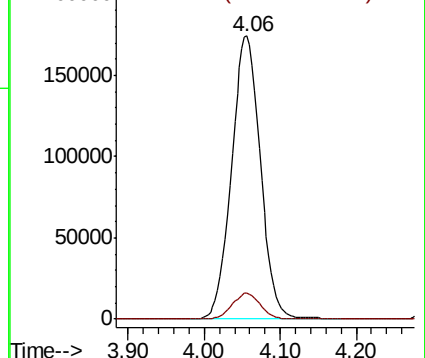
76 100

78 9.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 49.783 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055336.D

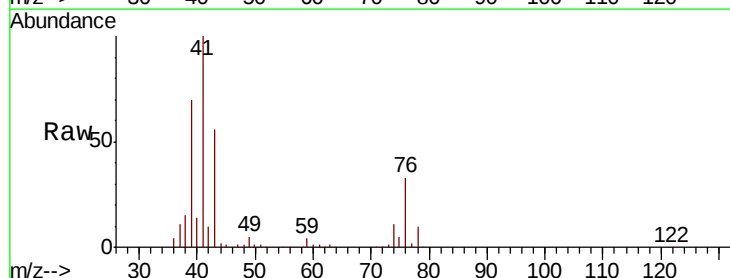
Acq: 2 May 2019 8:58

Tgt Ion: 43 Resp: 194330

Ion Ratio Lower Upper

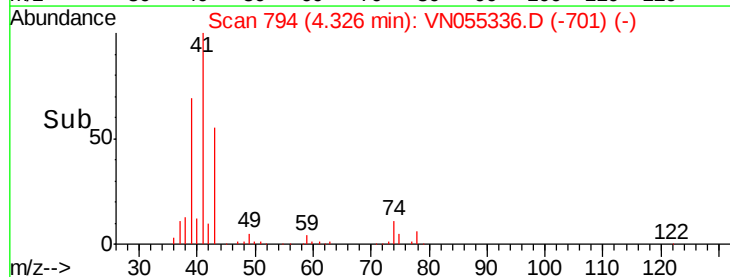
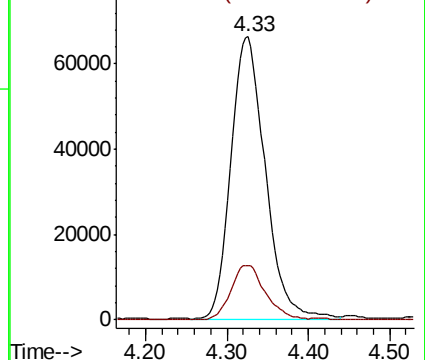
43 100

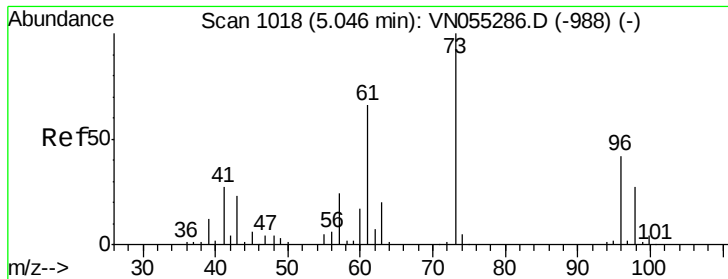
74 19.5 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

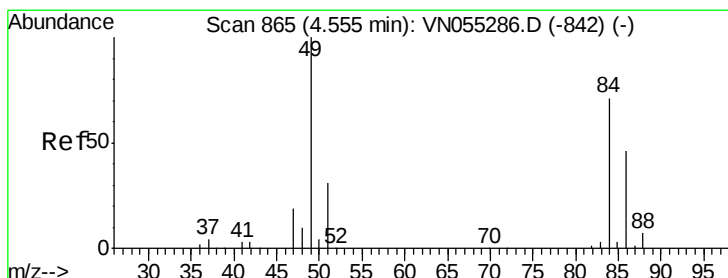
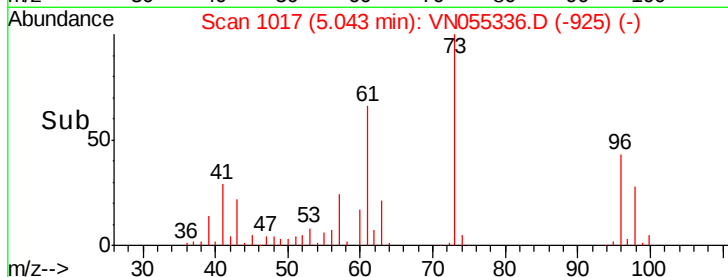
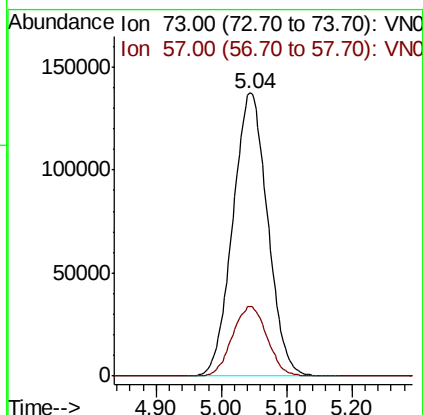
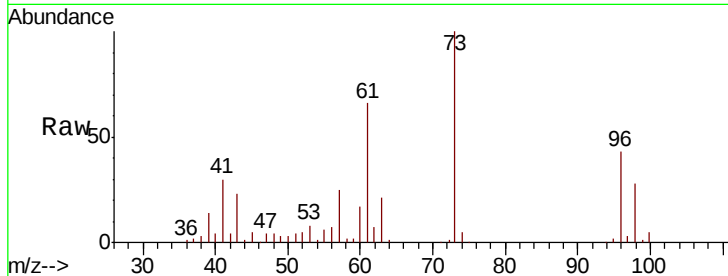




#19  
Methvl tert-butvl Ether  
Concen: 46.580 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

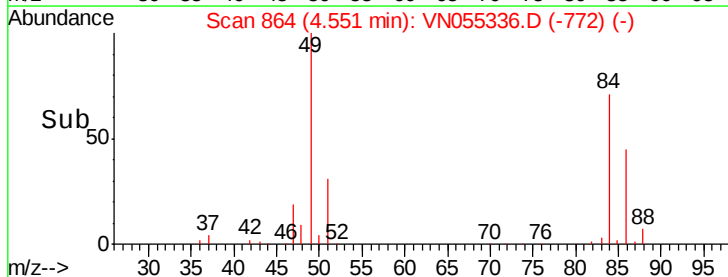
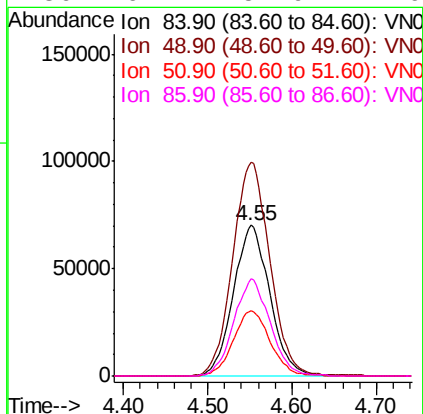
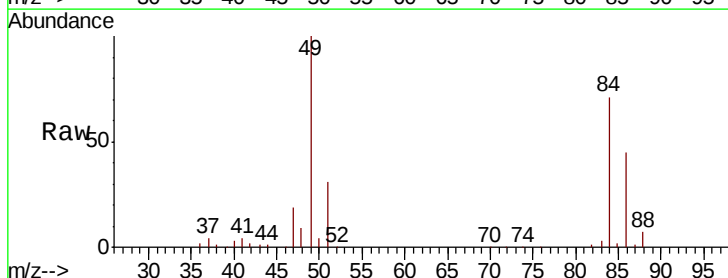
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

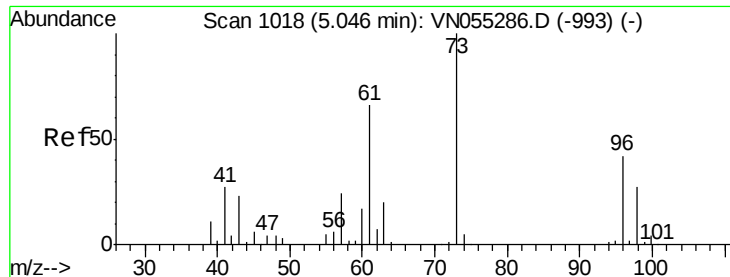
Tot Ion: 73 Resp: 508465  
Ion Ratio Lower Upper  
73 100  
57 24.8 19.1 28.7



#20  
Methylene Chloride  
Concen: 43.154 ug/l  
RT: 4.55 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion: 84 Resp: 211053  
Ion Ratio Lower Upper  
84 100  
49 141.6 112.4 168.6  
51 43.4 34.6 51.8  
86 64.2 51.9 77.9

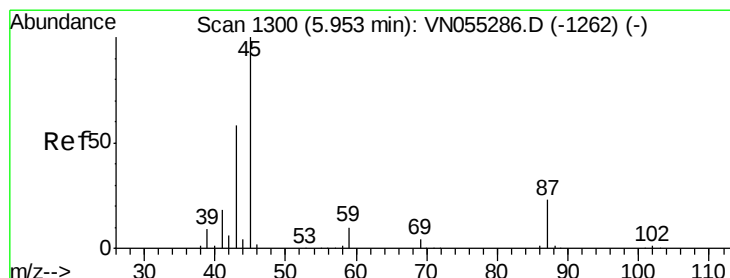
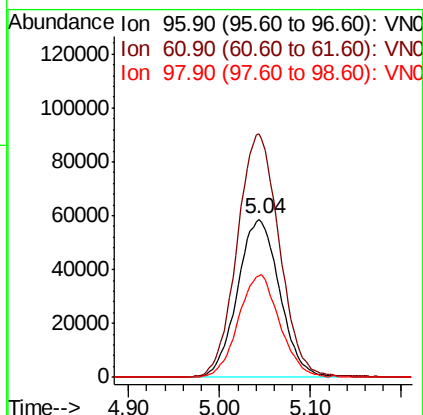
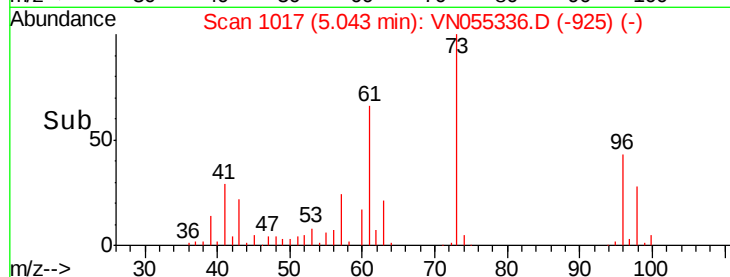
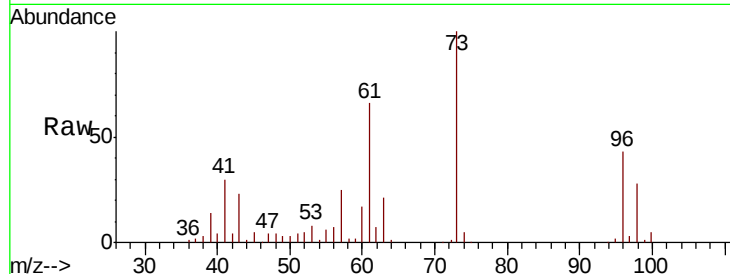




#21  
trans-1,2-Dichloroethene  
Concen: 45.957 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

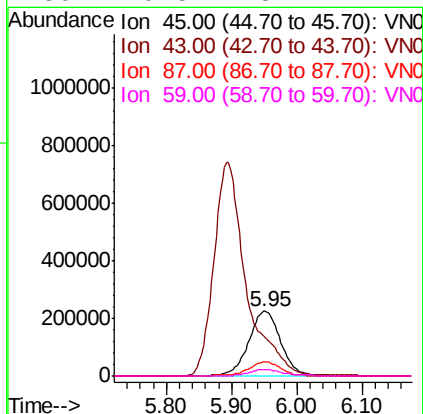
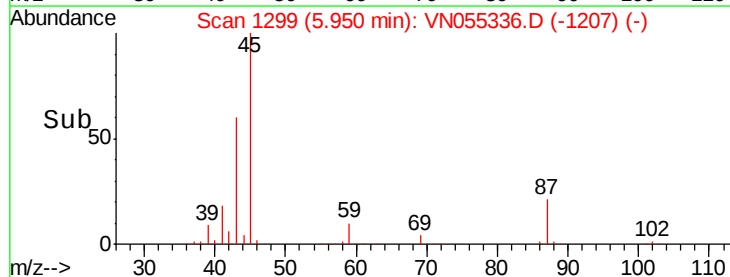
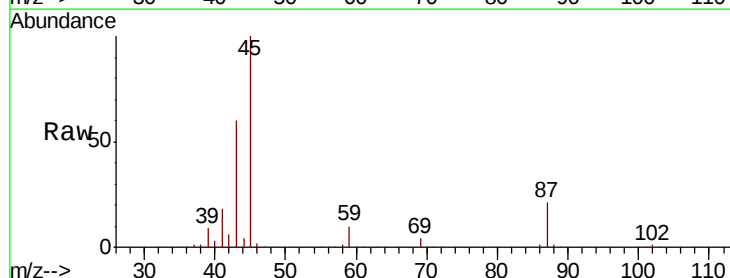
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

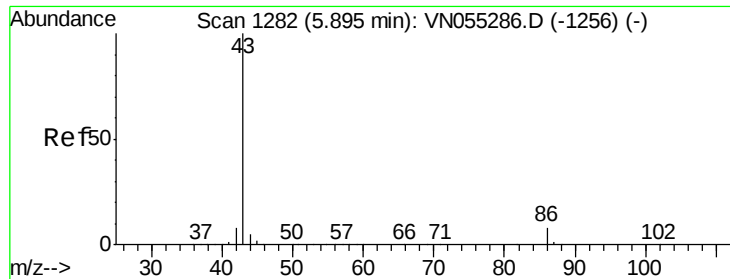
Tot Ion: 96 Resp: 188988  
Ion Ratio Lower Upper  
96 100  
61 153.6 126.2 189.4  
98 64.6 52.2 78.2



#22  
Diisopropyl ether  
Concen: 48.179 ug/l  
RT: 5.95 min Scan# 1299  
Delta R.T. -0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion: 45 Resp: 769828  
Ion Ratio Lower Upper  
45 100  
43 59.2 46.6 70.0  
87 21.1 18.1 27.1  
59 9.5 8.2 12.2

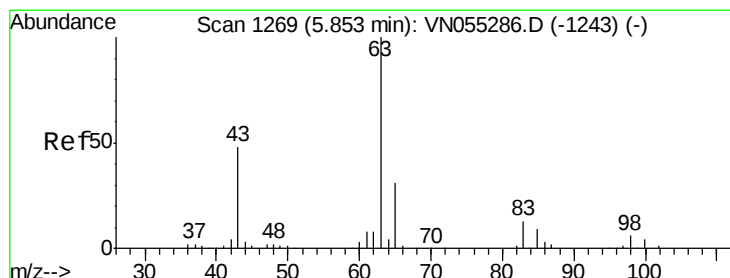
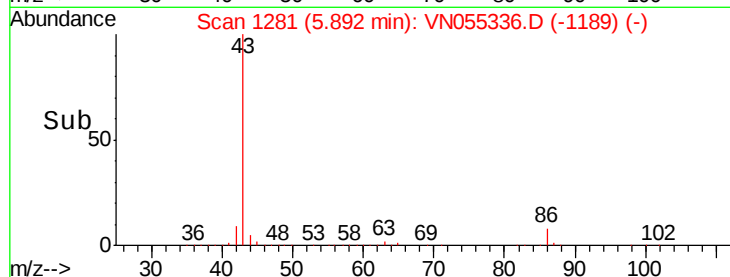
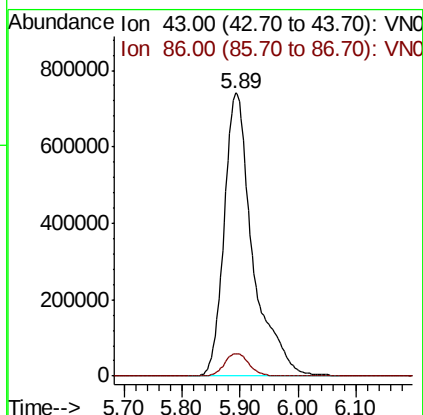
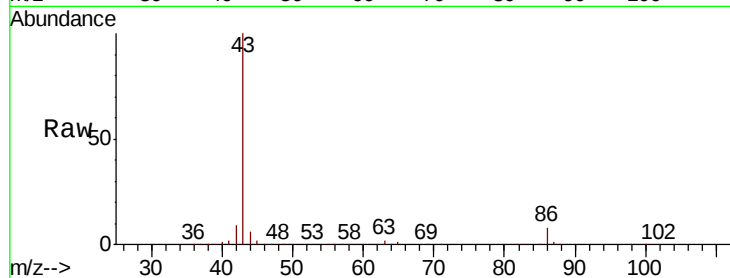




#23  
 Vinyl Acetate  
 Concen: 242.769 ug/l  
 RT: 5.89 min Scan# 1281  
 Delta R.T. -0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

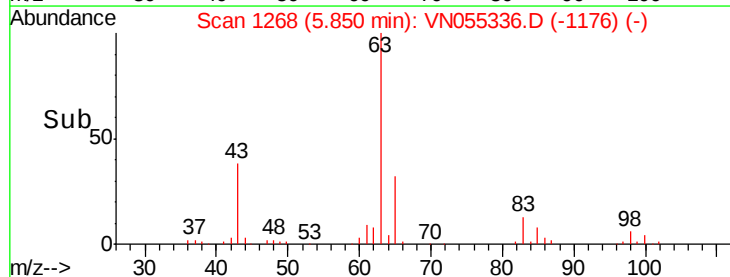
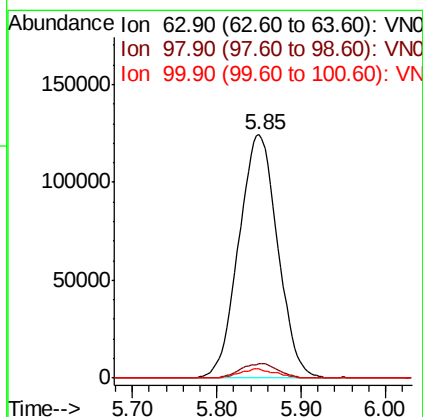
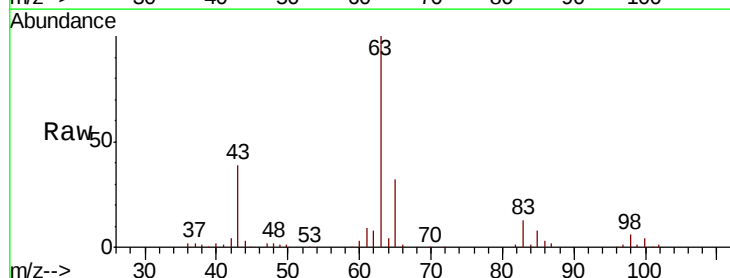
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

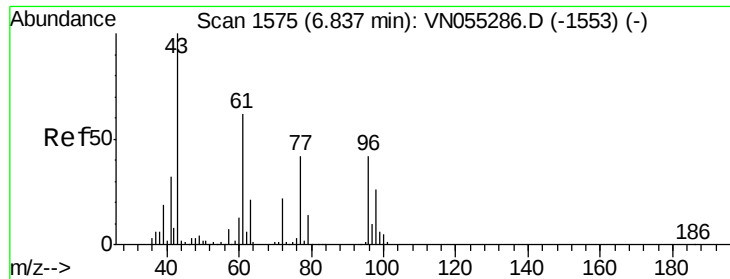
Tot Ion: 43 Resp: 2542343  
 Ion Ratio Lower Upper  
 43 100  
 86 7.9 6.6 10.0



#24  
 1,1-Dichloroethane  
 Concen: 46.802 ug/l  
 RT: 5.85 min Scan# 1268  
 Delta R.T. -0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

Tgt Ion: 63 Resp: 398448  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.0 9.0  
 100 3.7 1.8 5.4





#25

2-Butanone

Concen: 258.594 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

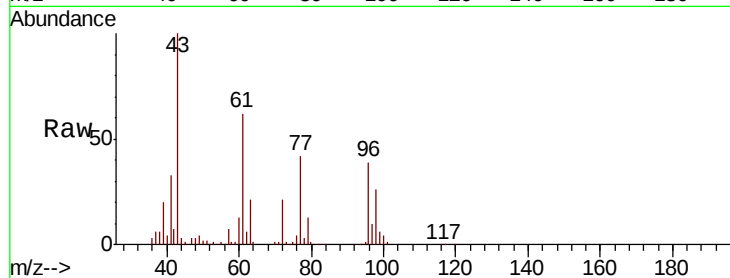
VSTDCCC050

Tot Ion: 43 Resp: 529885

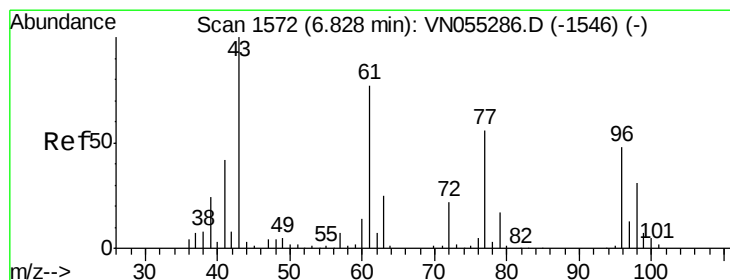
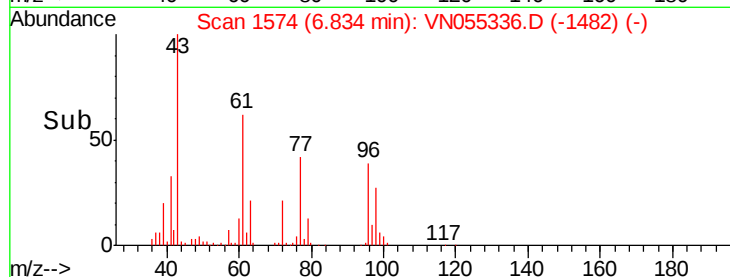
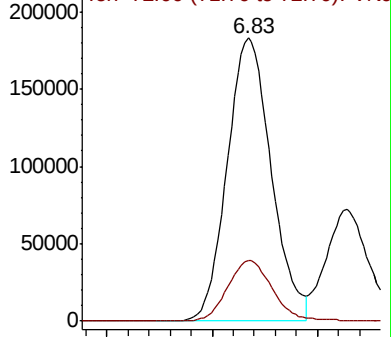
Ion Ratio Lower Upper

43 100

72 21.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VN055336.D (-1482) (-)



#26

2,2-Dichloropropane

Concen: 47.408 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055336.D

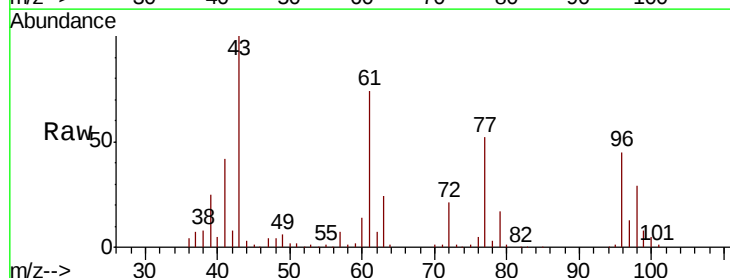
Acq: 2 May 2019 8:58

Tgt Ion: 77 Resp: 278710

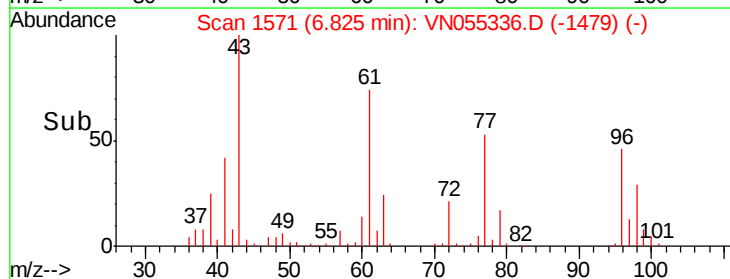
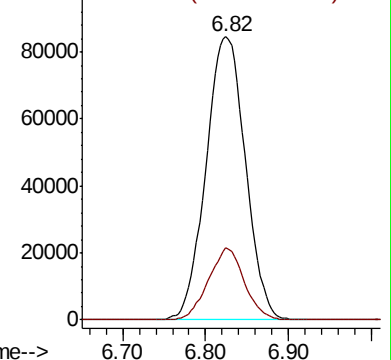
Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN055336.D (-1479) (-)

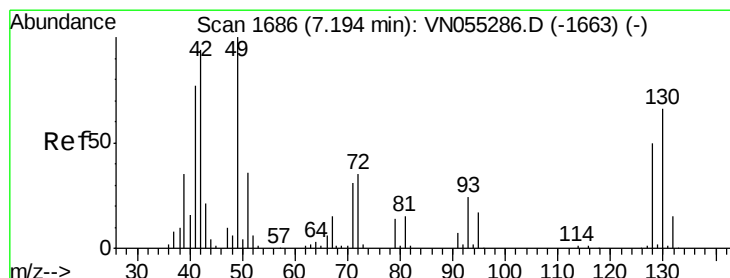
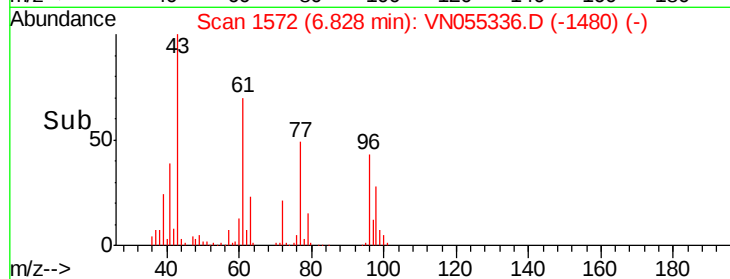
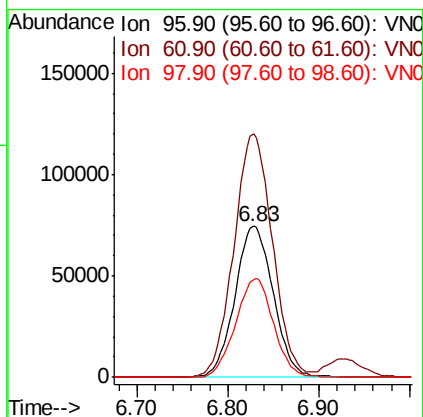
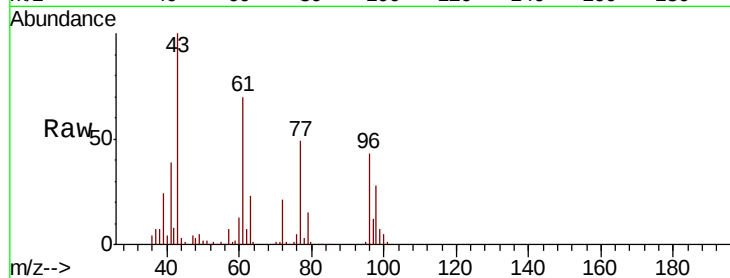




#27  
 cis-1,2-Dichloroethene  
 Concen: 46.636 ug/l  
 RT: 6.83 min Scan# 1572  
 Delta R.T. -0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

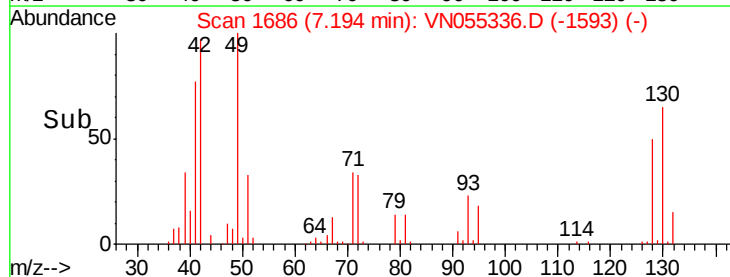
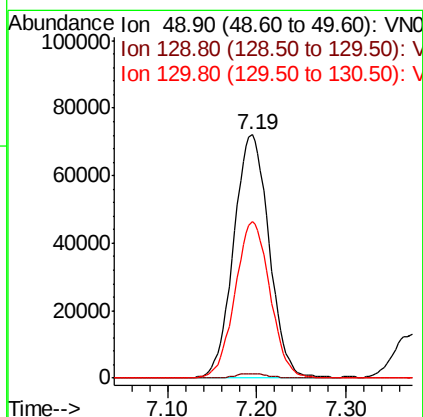
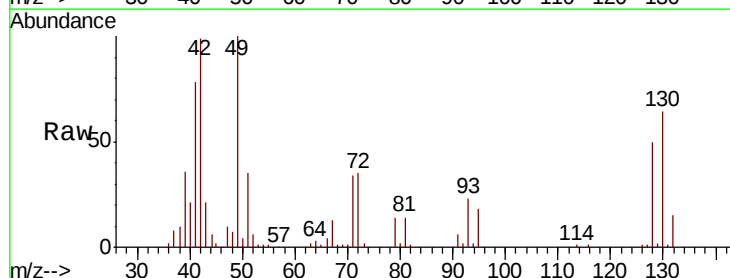
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

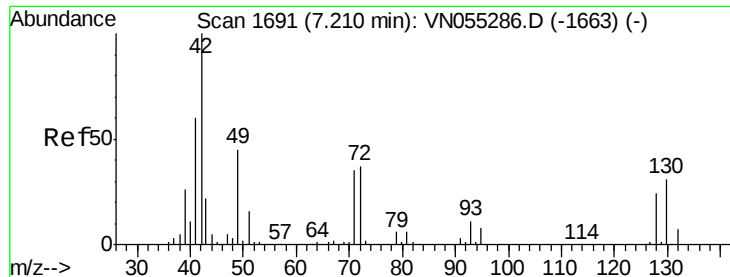
Tot Ion: 96 Resp: 218089  
 Ion Ratio Lower Upper  
 96 100  
 61 162.0 0.0 316.2  
 98 64.9 0.0 126.6



#28  
 Bromochloromethane  
 Concen: 46.356 ug/l  
 RT: 7.19 min Scan# 1686  
 Delta R.T. 0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

Tgt Ion: 49 Resp: 198931  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 2.4  
 130 63.4 52.0 78.0

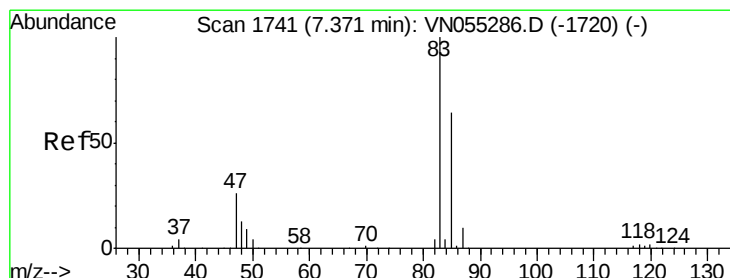
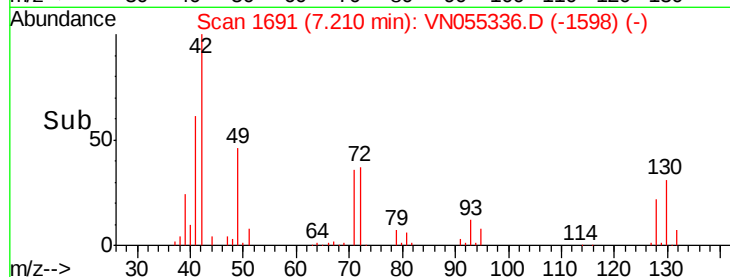
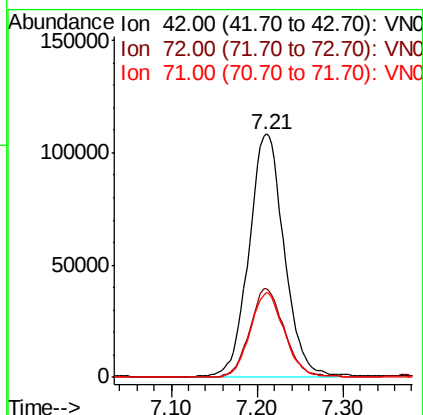
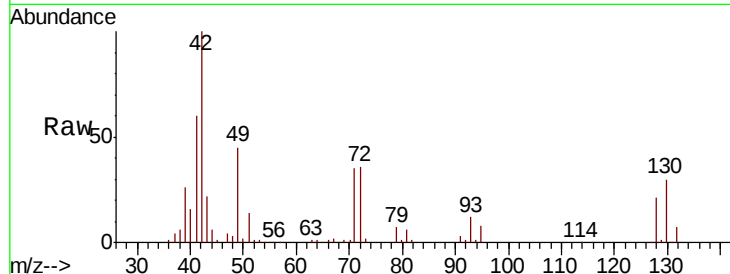




#29  
Tetrahydrofuran  
Concen: 234.971 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

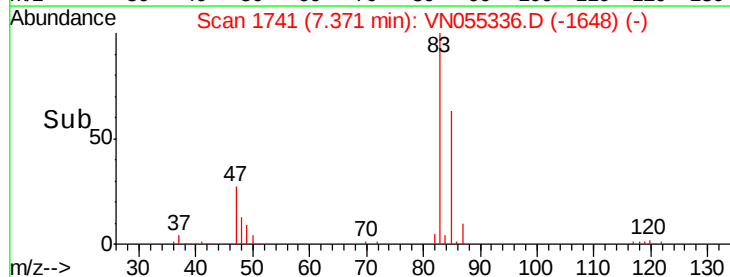
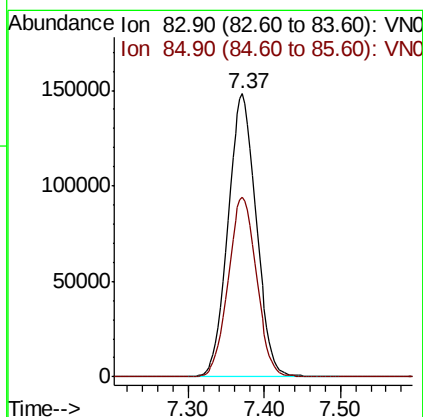
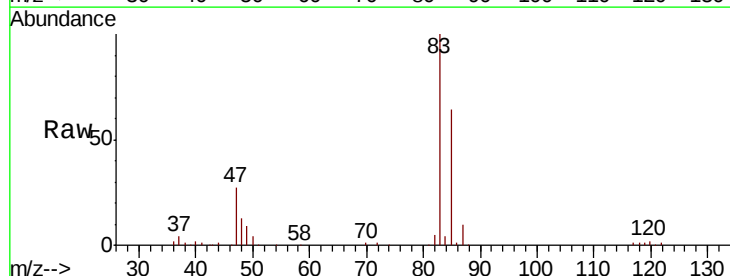
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

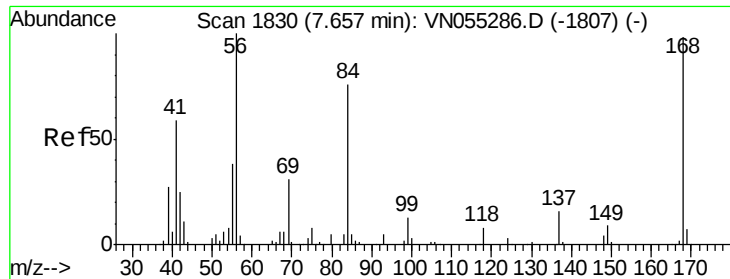
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 36.0  | 29.0  | 43.6  |
| 71      | 33.9  | 27.1  | 40.7  |



#30  
Chloroform  
Concen: 47.408 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.5  | 51.4  | 77.2  |

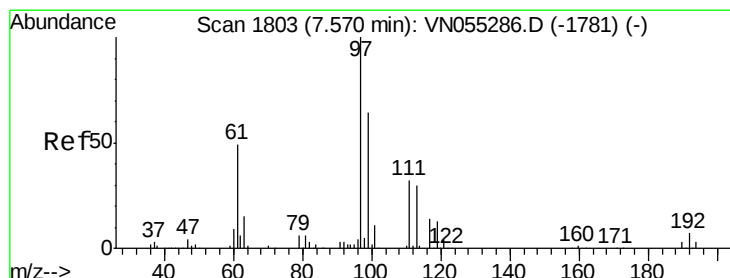
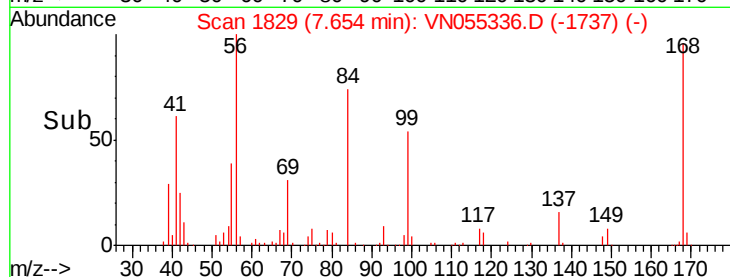
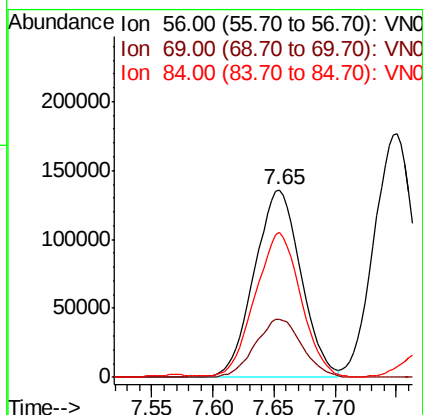
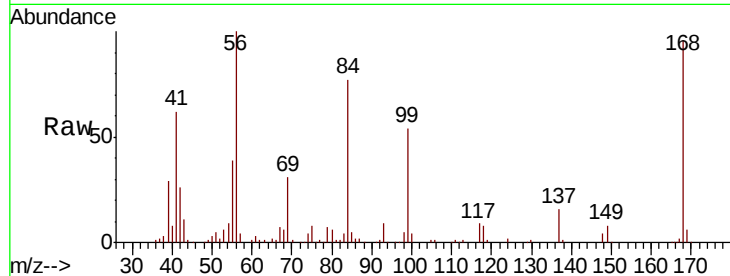




#31  
Cyclohexane  
Concen: 44.697 ug/l  
RT: 7.65 min Scan# 1829  
Delta R.T. -0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

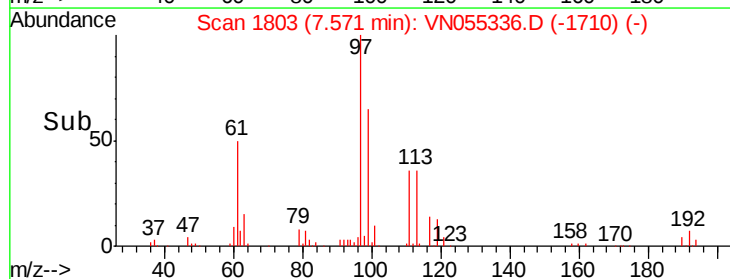
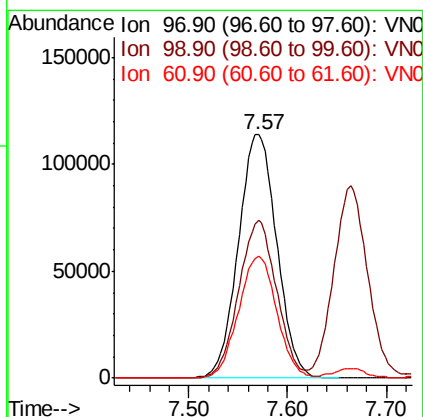
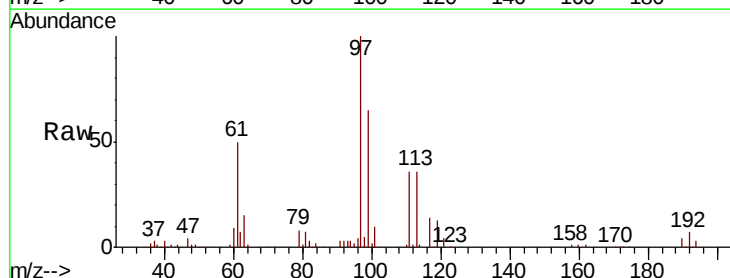
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 56 Resp: 361541  
Ion Ratio Lower Upper  
56 100  
69 31.1 25.2 37.8  
84 76.5 61.1 91.7



#32  
1,1,1-Trichloroethane  
Concen: 46.769 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion: 97 Resp: 306333  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.8 77.8  
61 49.9 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 47.289 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

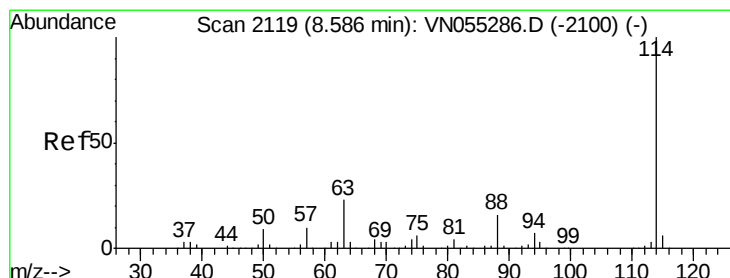
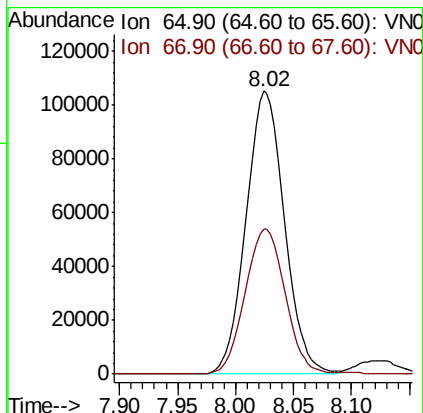
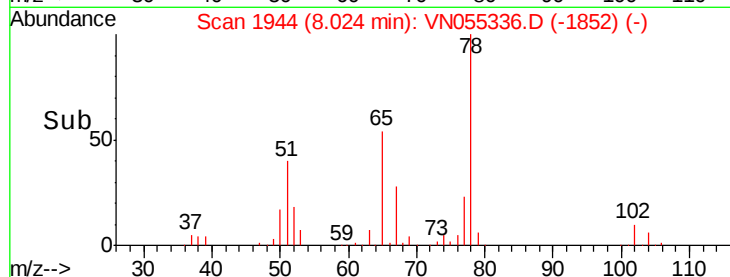
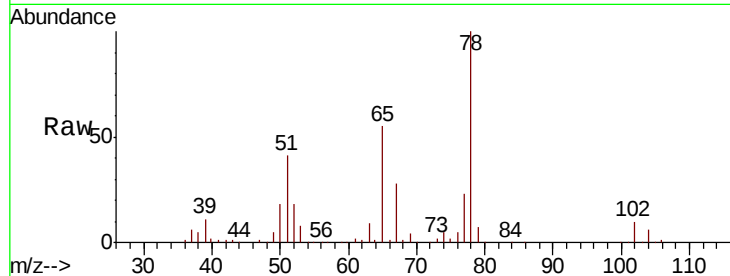
VSTDCCC050

Tot Ion: 65 Resp: 243176

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

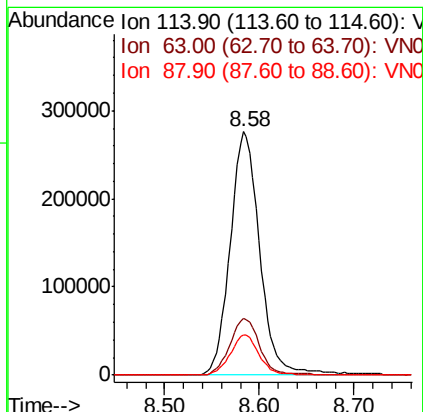
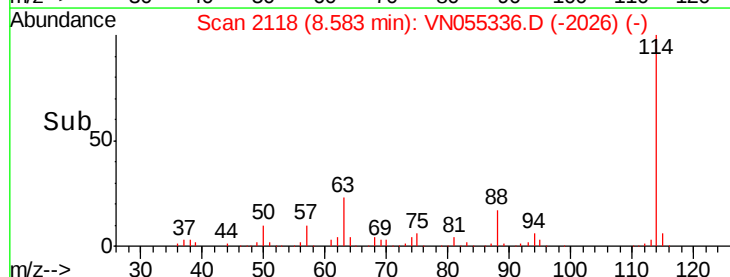
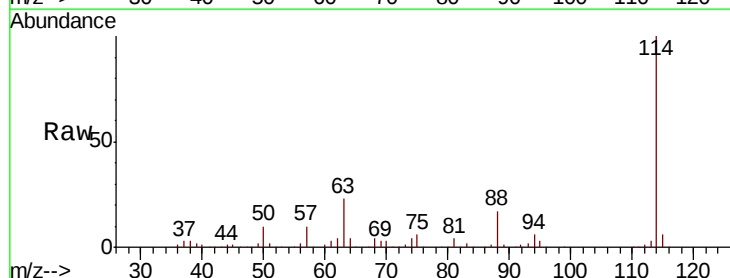
Tgt Ion: 114 Resp: 599362

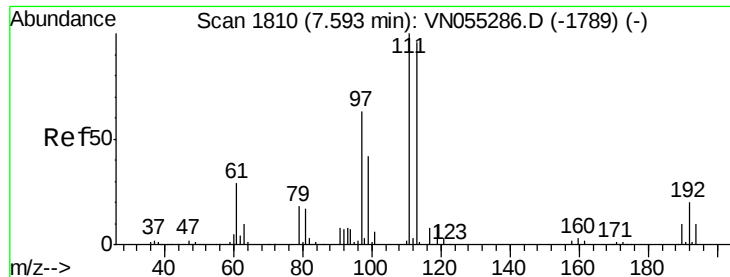
Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.2

88 16.6 0.0 31.6

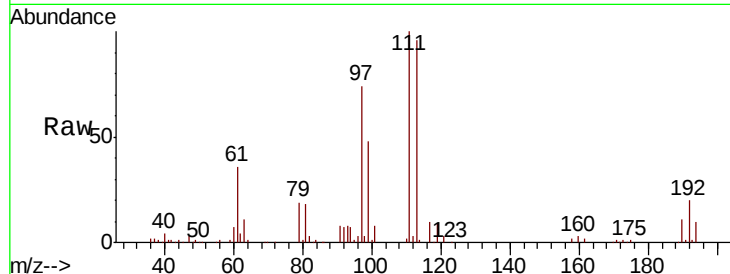




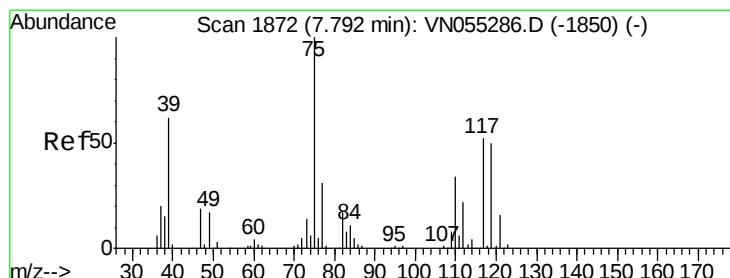
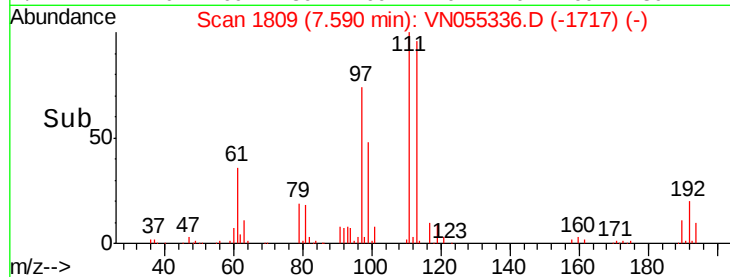
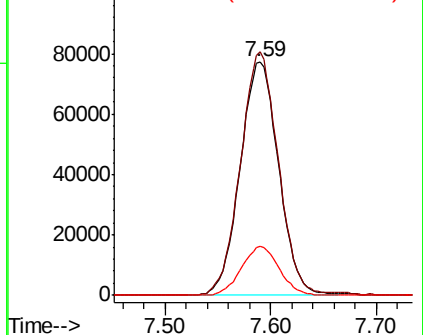
#35  
Dibromofluoromethane  
Concen: 49.897 ug/l  
RT: 7.59 min Scan# 1809  
Delta R.T. -0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:113 Resp: 196294  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.3 123.5  
192 20.6 17.0 25.6

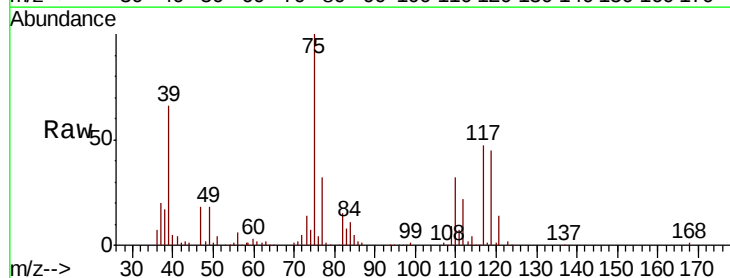


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

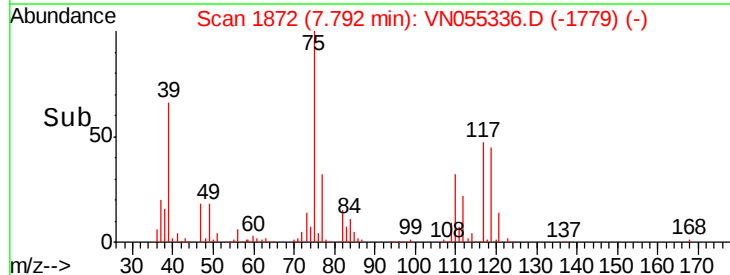
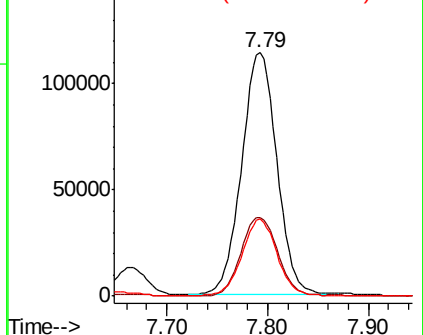


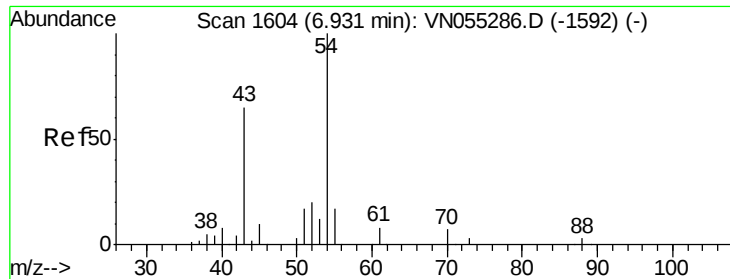
#36  
1,1-Dichloropropene  
Concen: 48.361 ug/l  
RT: 7.79 min Scan# 1872  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion: 75 Resp: 277637  
Ion Ratio Lower Upper  
75 100  
110 33.7 16.8 50.4  
77 31.6 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): V

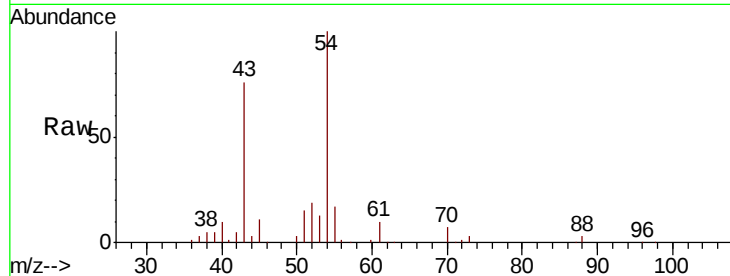




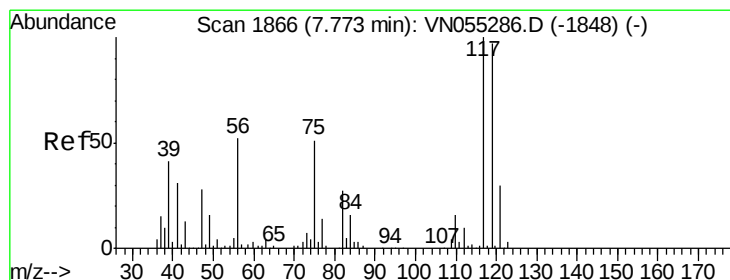
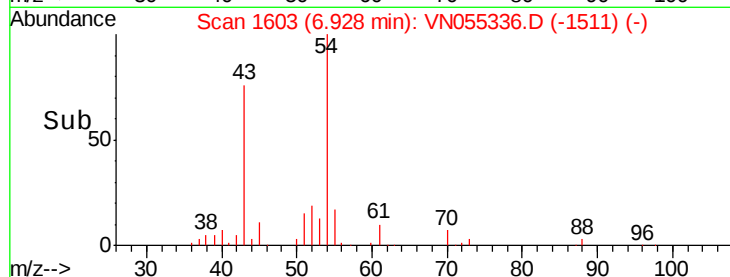
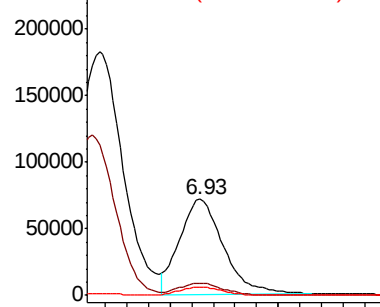
#37  
Ethyl Acetate  
Concen: 45.654 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Instrument :  
MSVOA\_N  
ClientSampleID :  
VSTDCCC050

Tot Ion: 43 Resp: 200878  
Ion Ratio Lower Upper  
43 100  
61 12.3 10.4 15.6  
70 8.2 6.6 10.0

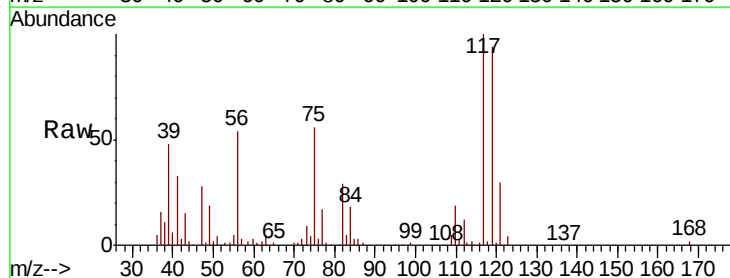


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

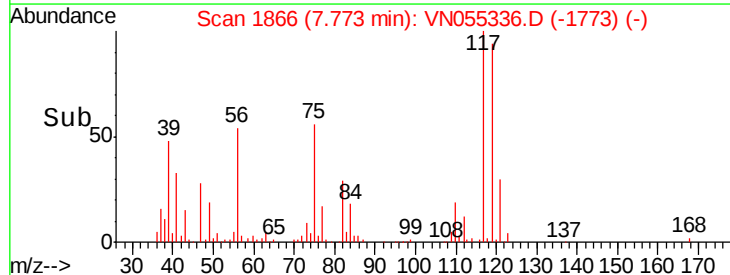
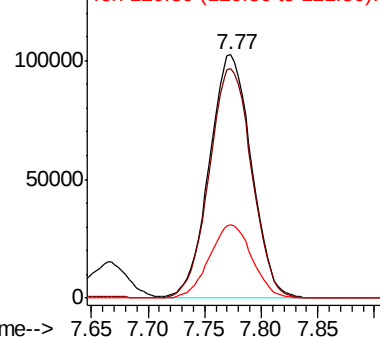


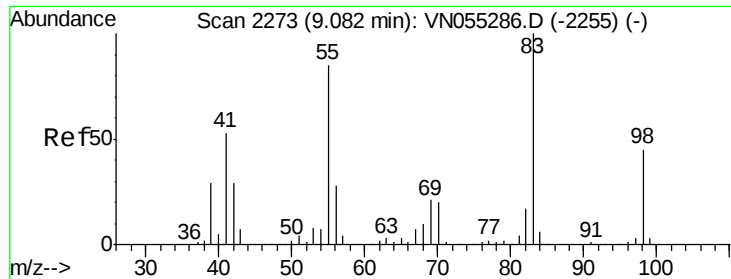
#38  
Carbon Tetrachloride  
Concen: 47.690 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion: 117 Resp: 264106  
Ion Ratio Lower Upper  
117 100  
119 94.5 77.0 115.6  
121 30.2 23.8 35.8



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

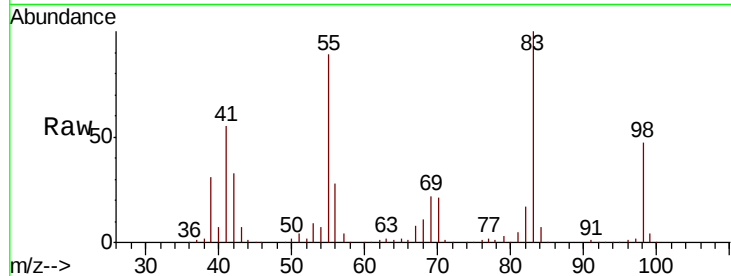




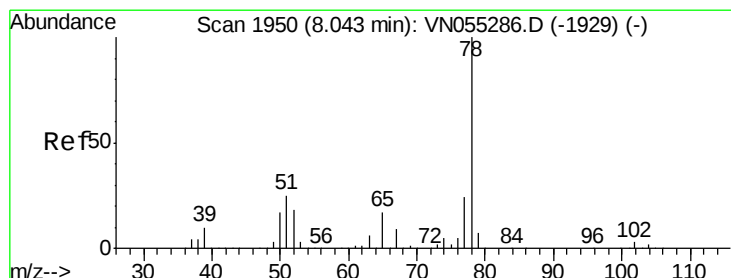
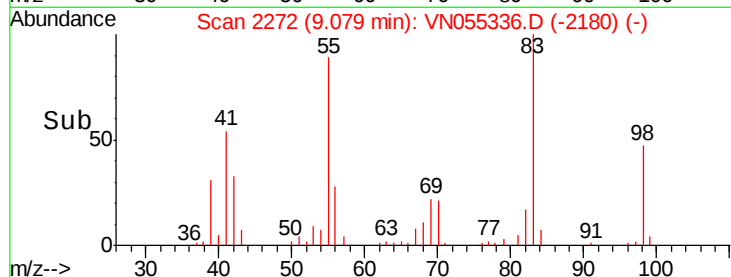
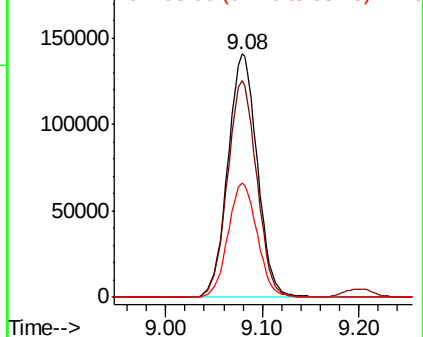
#39  
Methvlcvclohexane  
Concen: 48.810 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 83 Resp: 297933  
Ion Ratio Lower Upper  
83 100  
55 89.0 67.8 101.6  
98 47.0 36.2 54.4

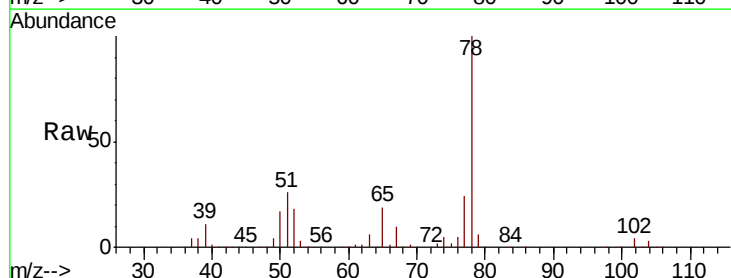


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

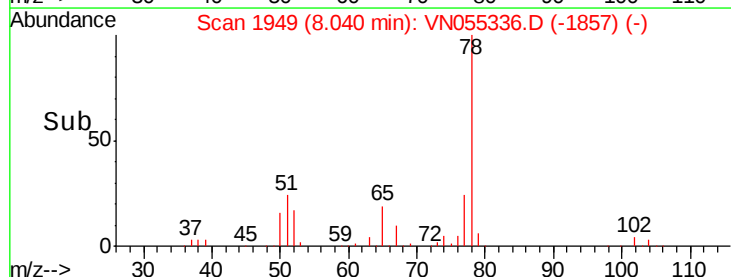
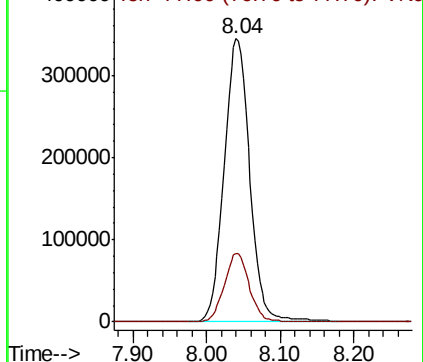


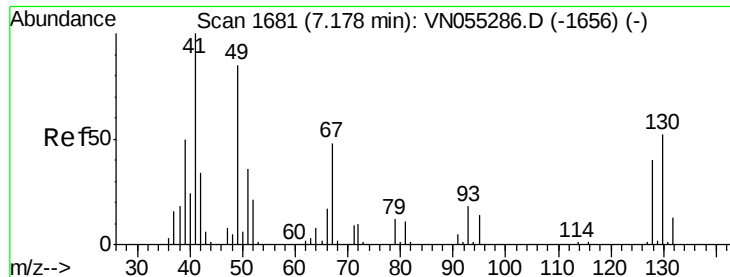
#40  
Benzene  
Concen: 49.271 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. -0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion: 78 Resp: 833862  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 57.533 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 137273

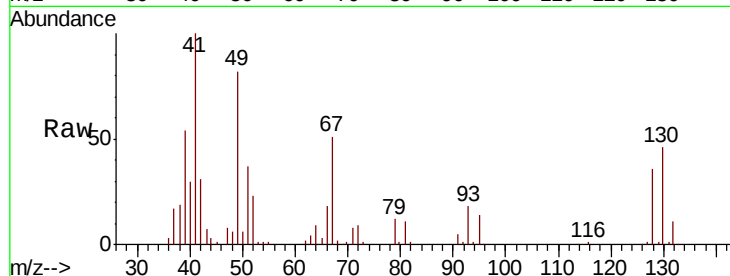
Ion Ratio Lower Upper

41 100

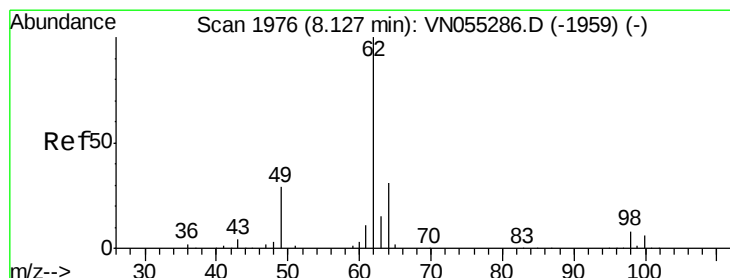
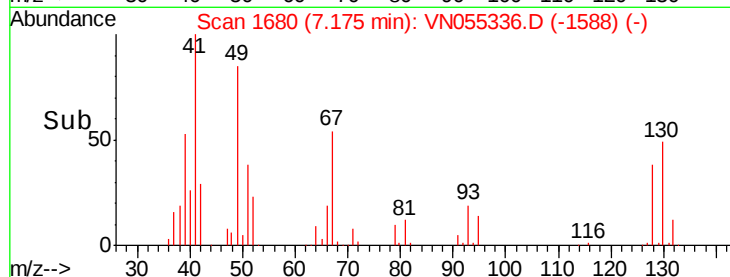
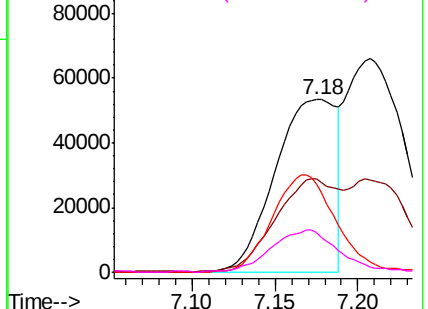
39 55.7 48.5 72.7

67 58.9 54.9 82.3

52 26.1 24.9 37.3



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



#42

1,2-Dichloroethane

Concen: 48.391 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN055336.D

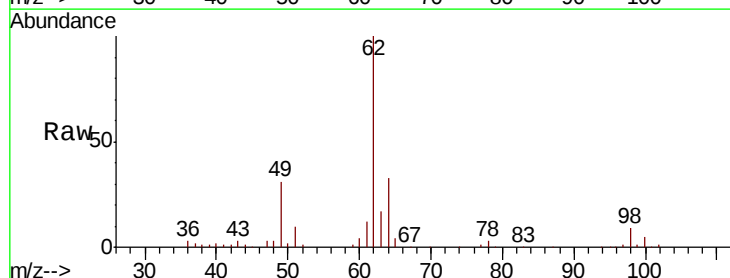
Acq: 2 May 2019 8:58

Tgt Ion: 62 Resp: 290060

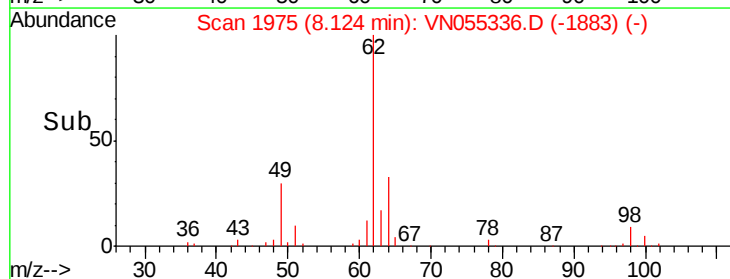
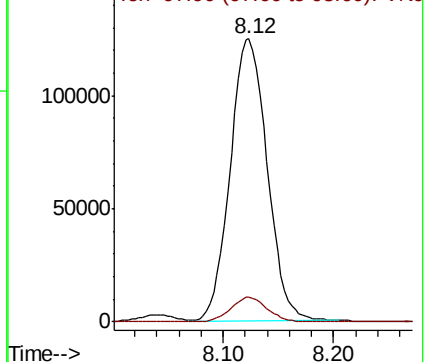
Ion Ratio Lower Upper

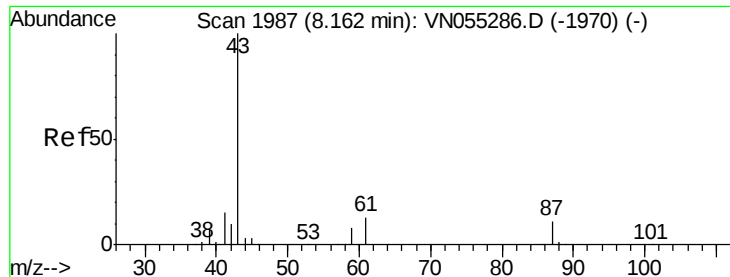
62 100

98 8.5 0.0 16.4



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





#43

Isopropyl Acetate

Concen: 50.564 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

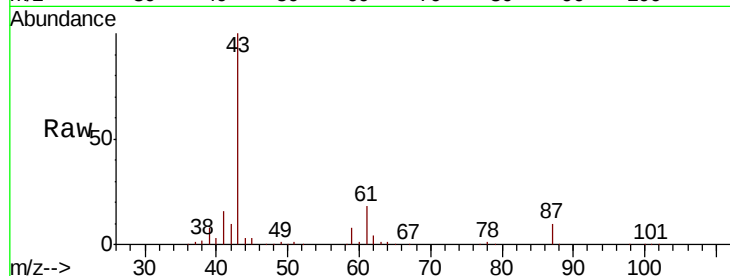
Tot Ion: 43 Resp: 357539

Ion Ratio Lower Upper

43 100

61 16.8 20.8 31.2#

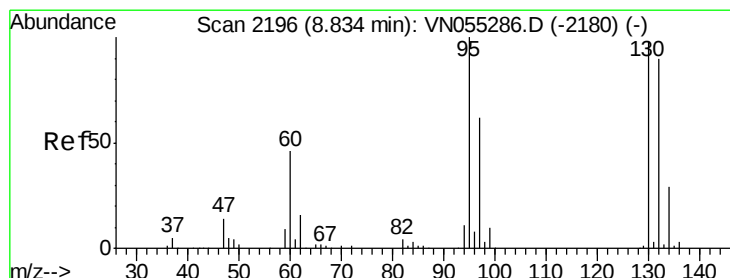
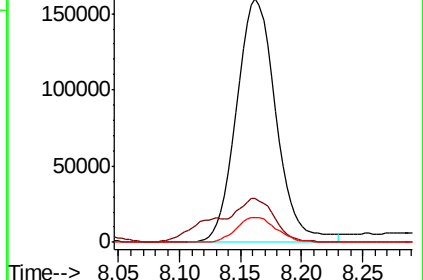
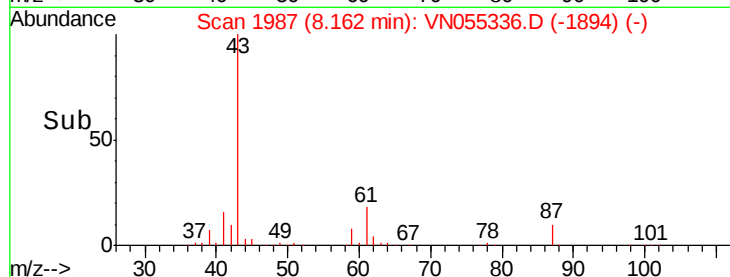
87 10.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055336.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN055336.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN055336.D (-1894) (-)



#44

Trichloroethene

Concen: 48.562 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055336.D

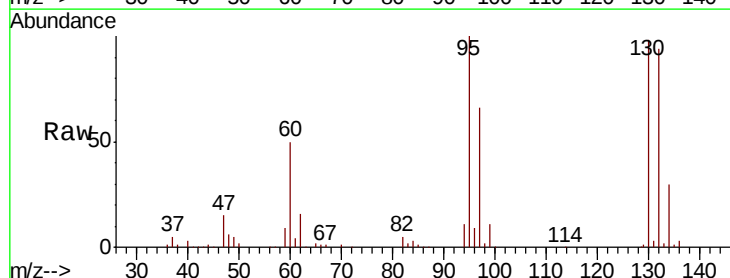
Acq: 2 May 2019 8:58

Tgt Ion: 130 Resp: 209516

Ion Ratio Lower Upper

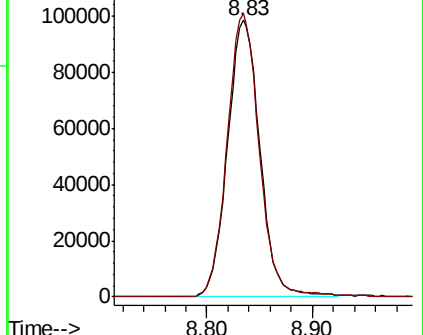
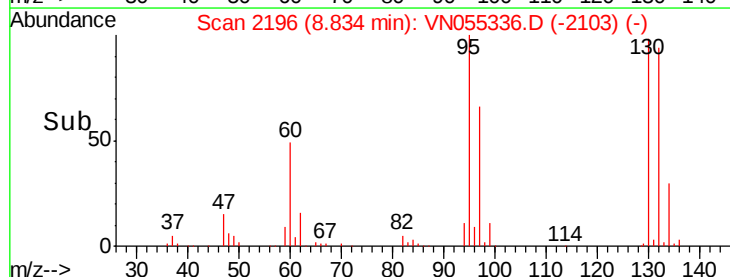
130 100

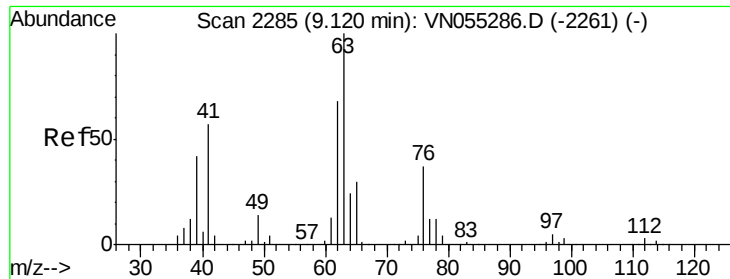
95 102.2 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055336.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055336.D (-2103) (-)

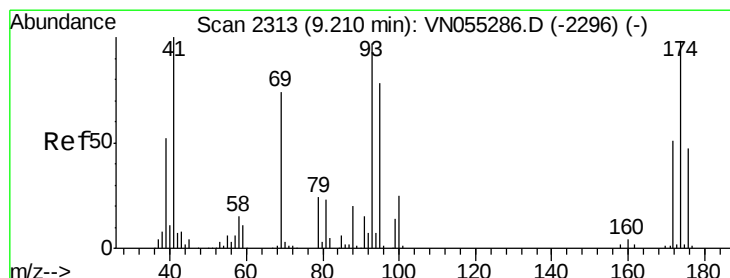
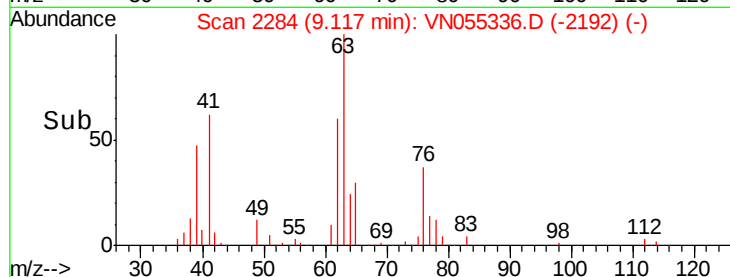
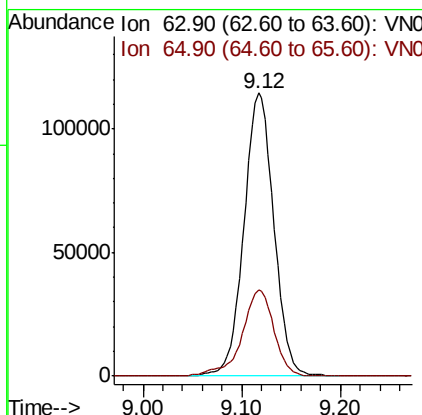
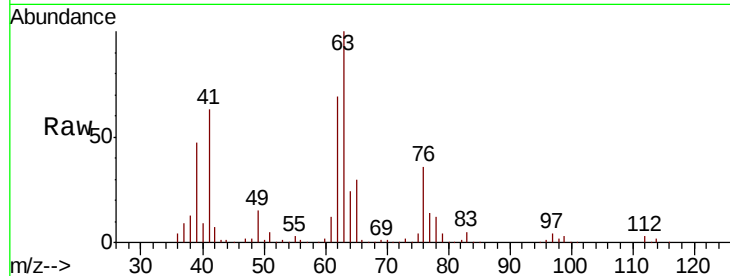




#45  
 1,2-Dichloropropane  
 Concen: 49.058 ug/l  
 RT: 9.12 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

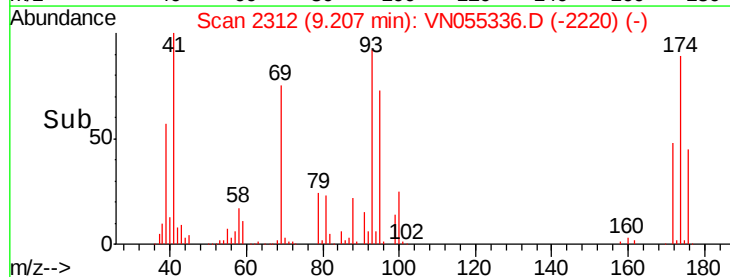
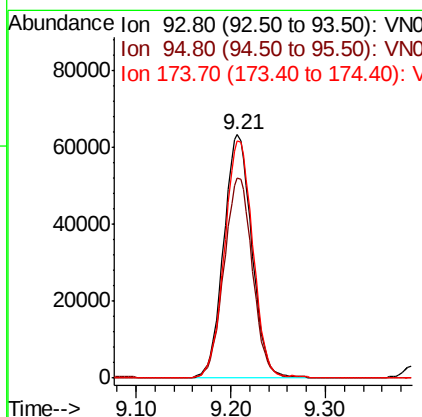
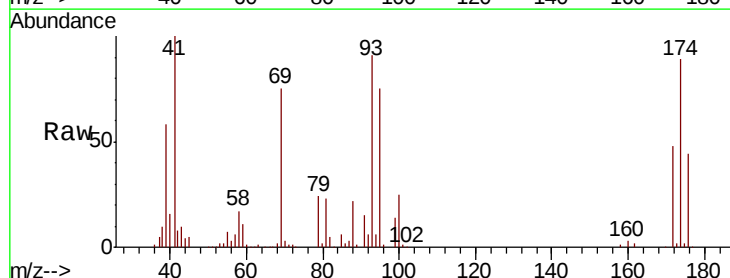
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 239460  
 Ion Ratio Lower Upper  
 63 100  
 65 30.4 23.9 35.9



#46  
 Dibromomethane  
 Concen: 49.281 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

Tgt Ion: 93 Resp: 131484  
 Ion Ratio Lower Upper  
 93 100  
 95 82.7 65.7 98.5  
 174 97.6 81.5 122.3





#47

Bromodichloromethane

Concen: 50.841 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

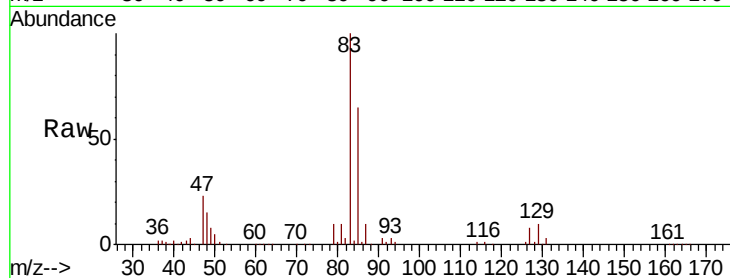
Tot Ion: 83 Resp: 291002

Ion Ratio Lower Upper

83 100

85 65.0 50.1 75.1

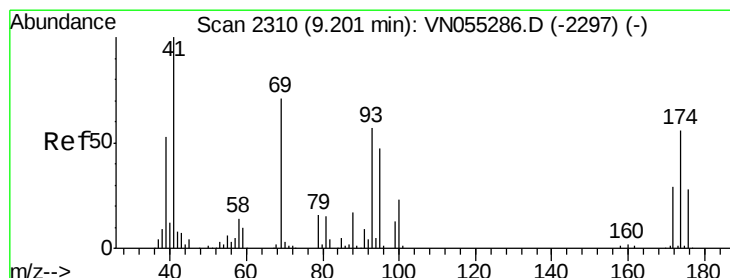
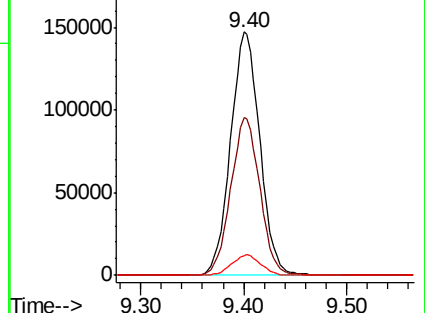
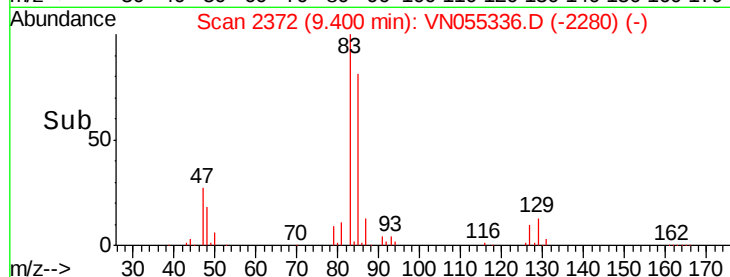
127 8.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055336.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055336.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055336.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.747 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

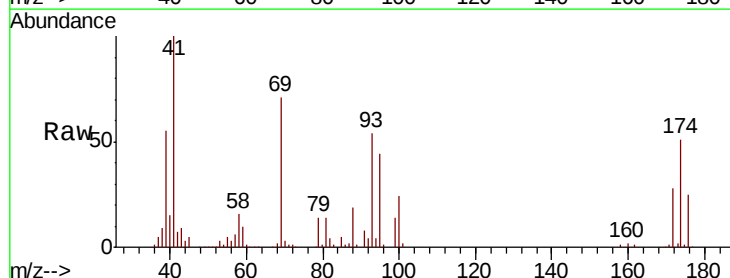
Tgt Ion: 41 Resp: 165974

Ion Ratio Lower Upper

41 100

69 76.9 58.6 87.8

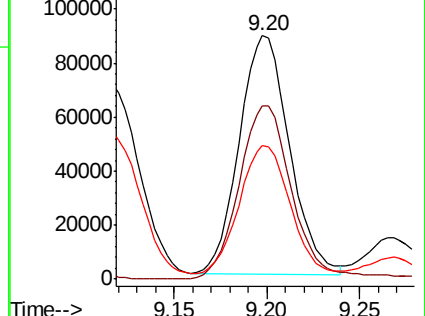
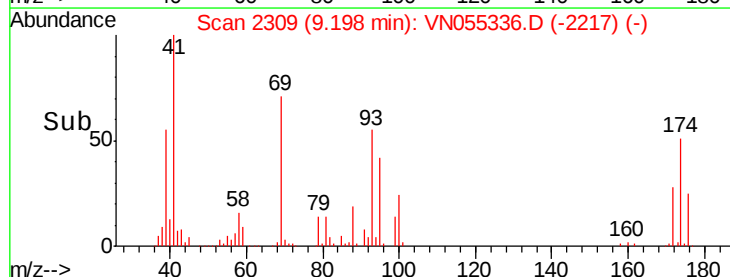
39 57.9 43.8 65.6

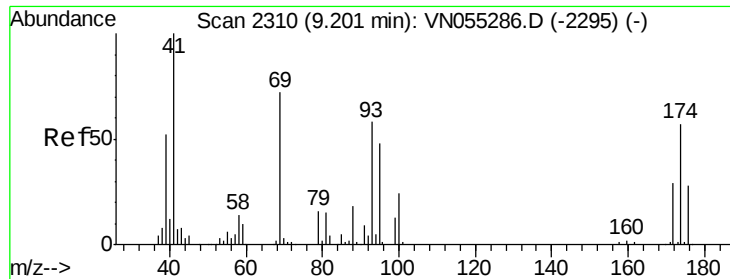


Abundance Ion 41.00 (40.70 to 41.70): VN055336.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055336.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055336.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1057.750 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

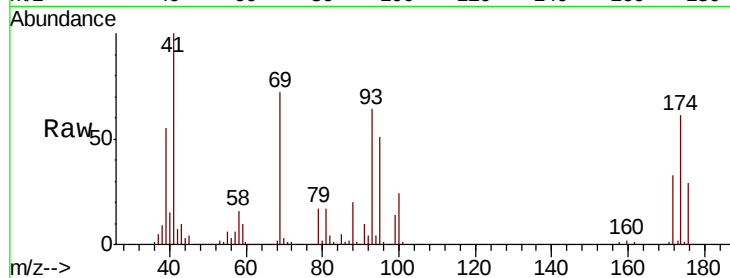
Tot Ion: 88 Resp: 38009

Ion Ratio Lower Upper

88 100

43 42.8 33.3 49.9

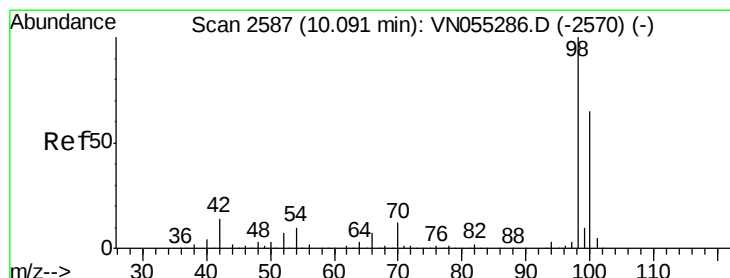
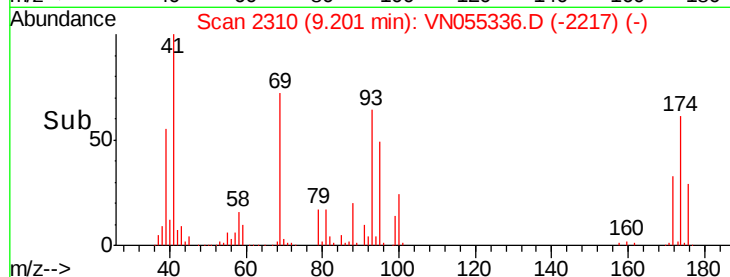
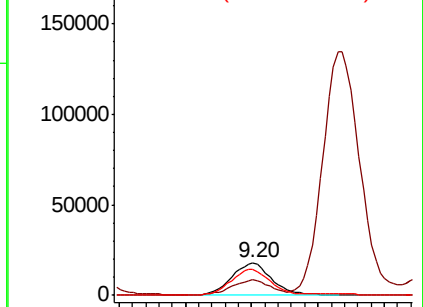
58 78.2 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): VN055336.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN055336.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN055336.D (-2217) (-)



#50

Toluene-d8

Concen: 50.976 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055336.D

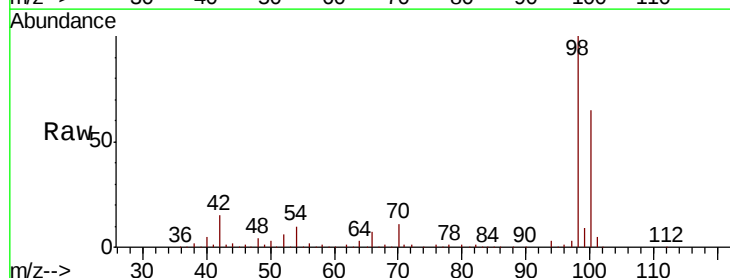
Acq: 2 May 2019 8:58

Tgt Ion: 98 Resp: 724134

Ion Ratio Lower Upper

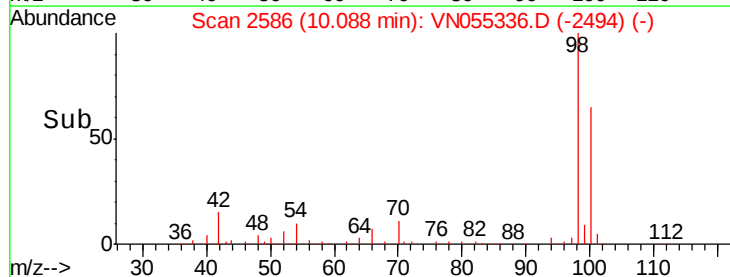
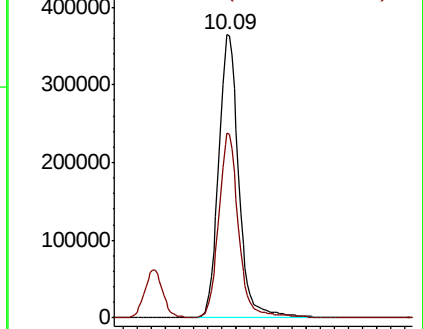
98 100

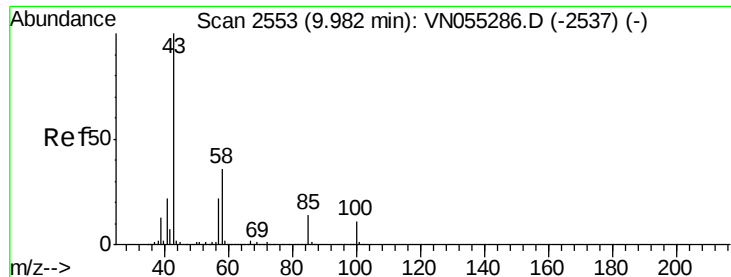
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055336.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055336.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 253.114 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

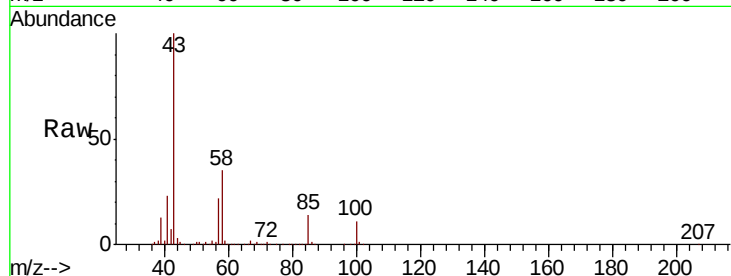
VSTDCCC050

Tot Ion: 43 Resp: 1007668

Ion Ratio Lower Upper

43 100

58 34.5 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-2537) (-)

9.98

600000

500000

400000

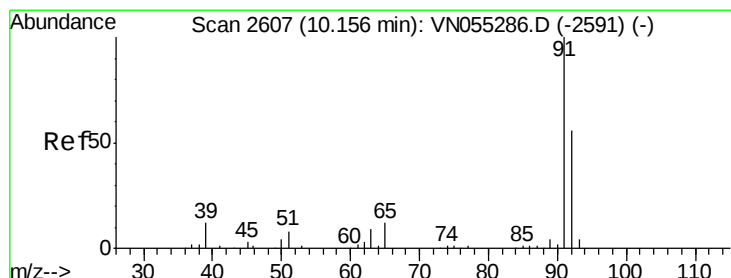
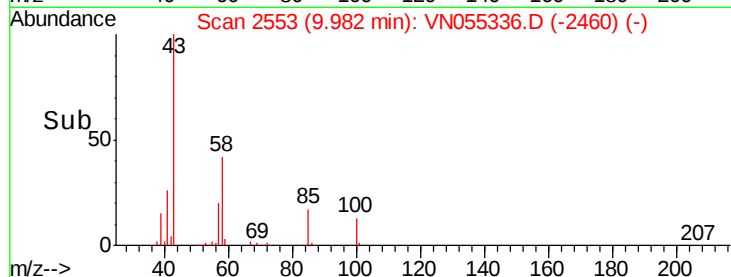
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.302 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055336.D

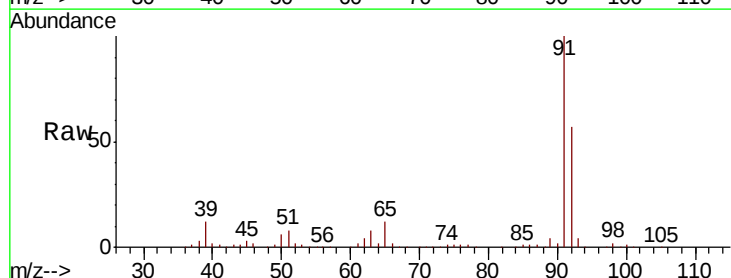
Acq: 2 May 2019 8:58

Tgt Ion: 92 Resp: 488455

Ion Ratio Lower Upper

92 100

91 175.8 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN055286.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055286.D (-2591) (-)

10.16

500000

400000

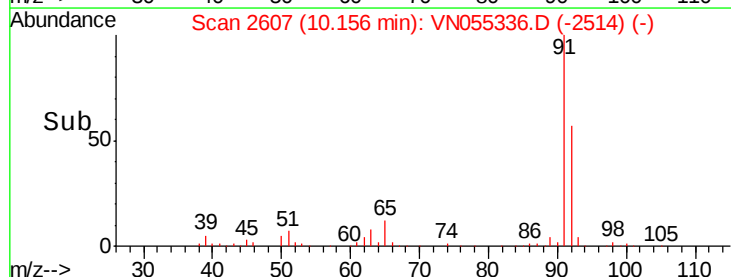
300000

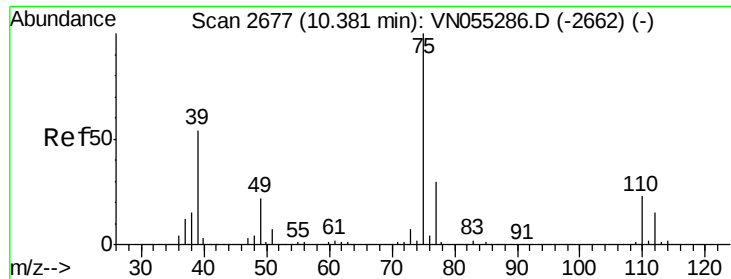
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.310 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

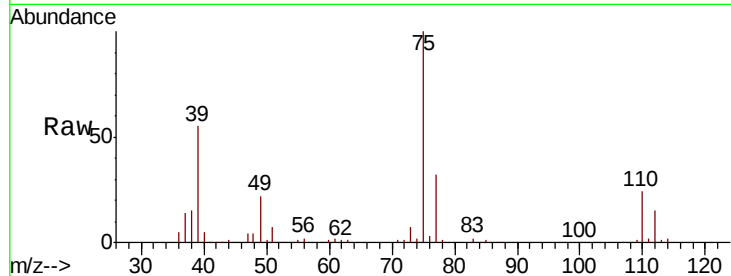
VSTDCCC050

Tot Ion: 75 Resp: 269859

Ion Ratio Lower Upper

75 100

77 31.8 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

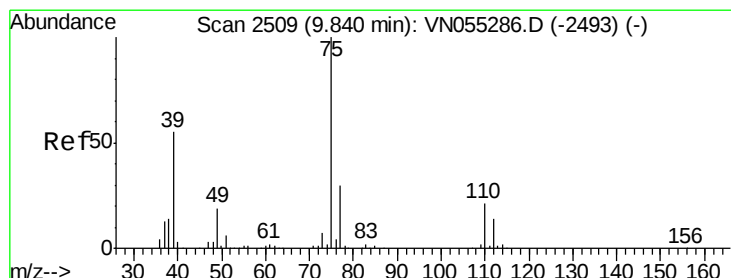
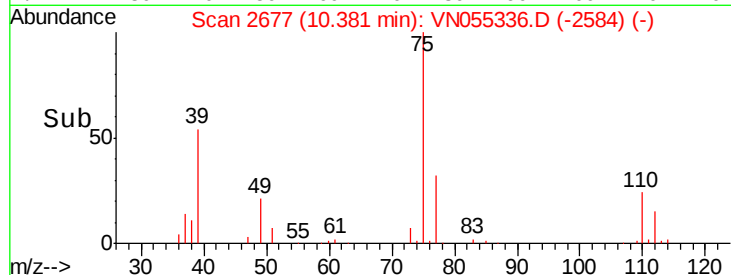
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.552 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

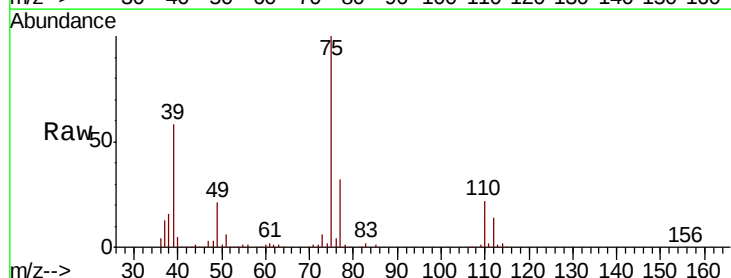
Tgt Ion: 75 Resp: 325571

Ion Ratio Lower Upper

75 100

77 31.7 24.2 36.2

39 57.8 44.2 66.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

200000

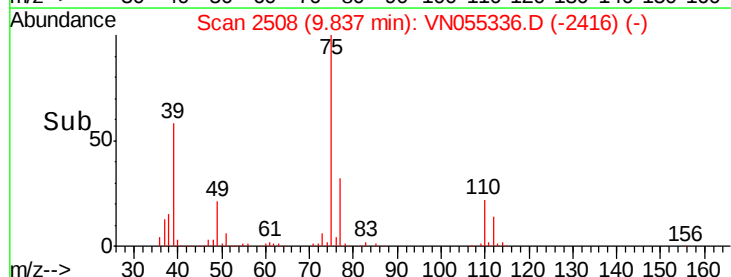
150000

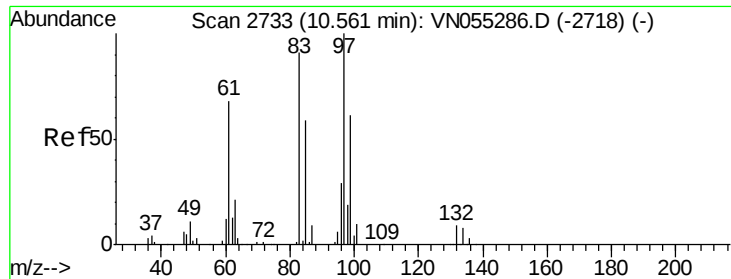
100000

50000

0

Time-->

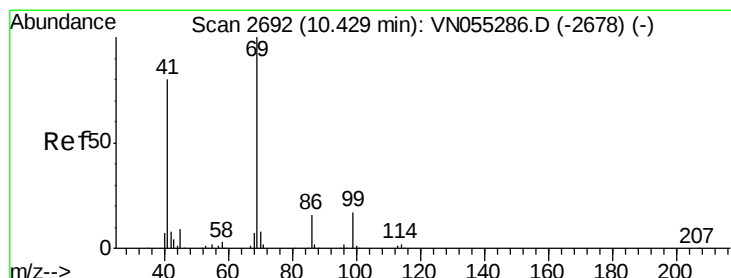
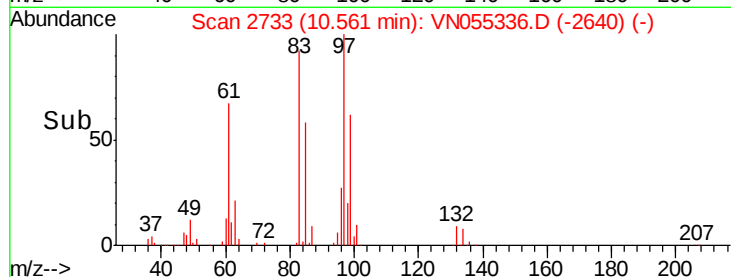
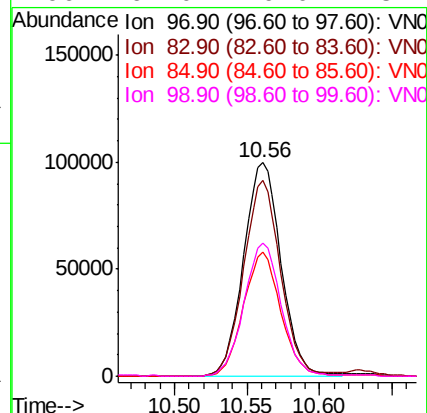
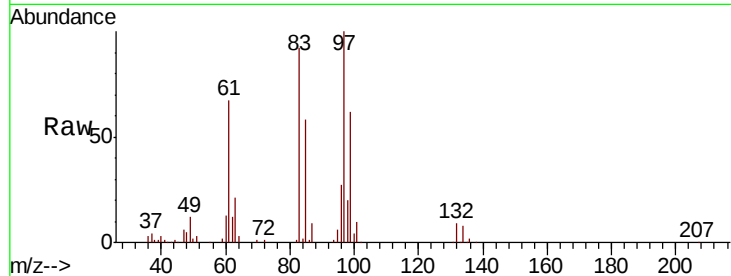




#55  
 1,1,2-Trichloroethane  
 Concen: 49.912 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

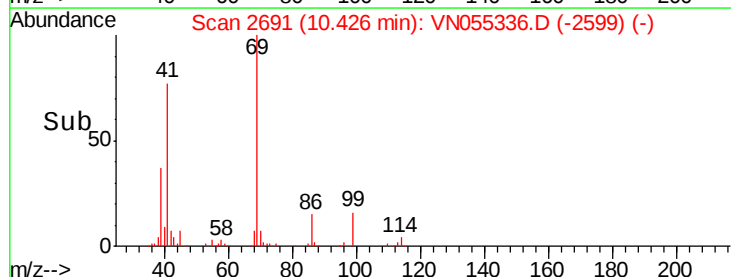
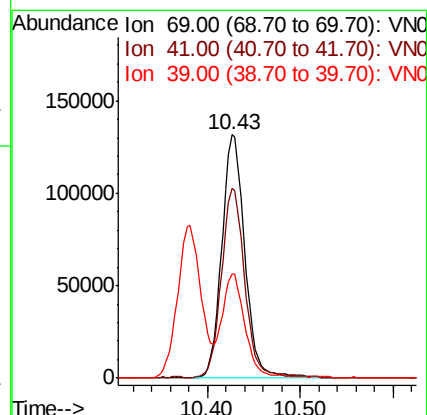
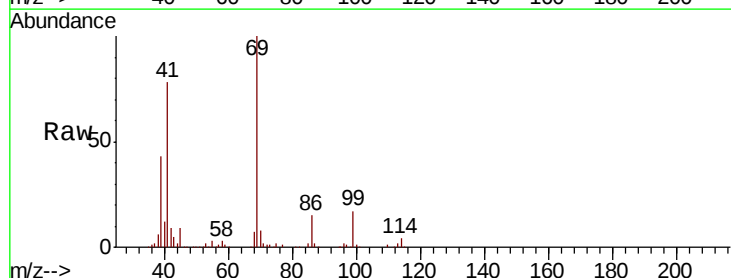
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

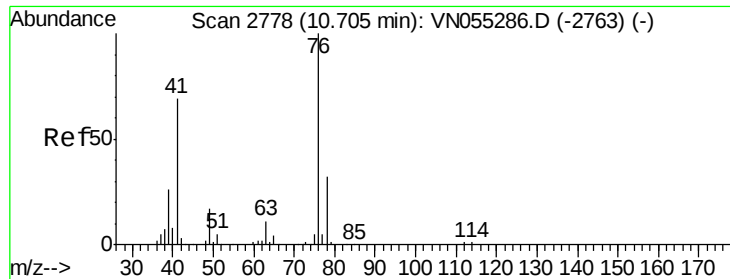
| Tot Ion | 97    | Resp  | 179977 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 97      | 100   |       |        |
| 83      | 91.5  | 72.8  | 109.2  |
| 85      | 58.0  | 47.0  | 70.6   |
| 99      | 62.0  | 49.0  | 73.4   |



#56  
 Ethyl methacrylate  
 Concen: 51.415 ug/l  
 RT: 10.43 min Scan# 2691  
 Delta R.T. -0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

| Tgt Ion | 69    | Resp  | 228197 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 77.3  | 62.7  | 94.1   |
| 39      | 41.5  | 32.0  | 48.0   |

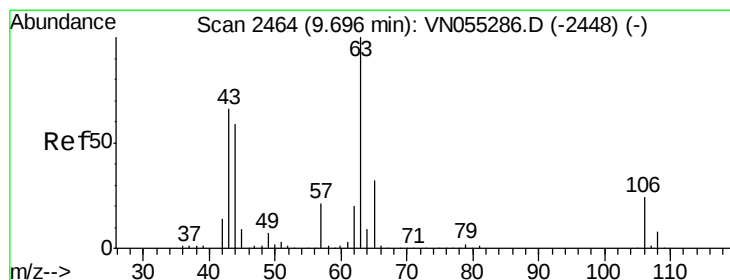
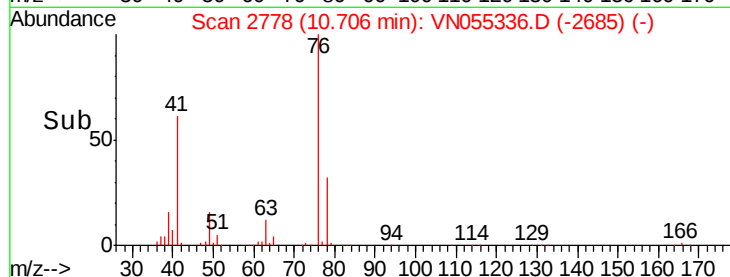
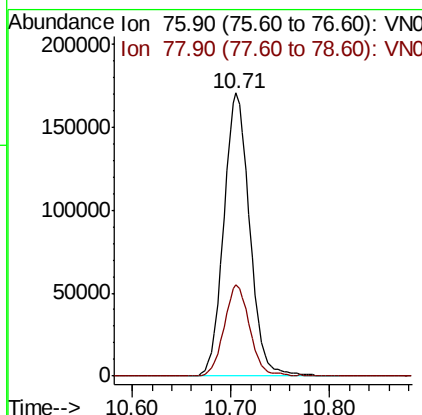
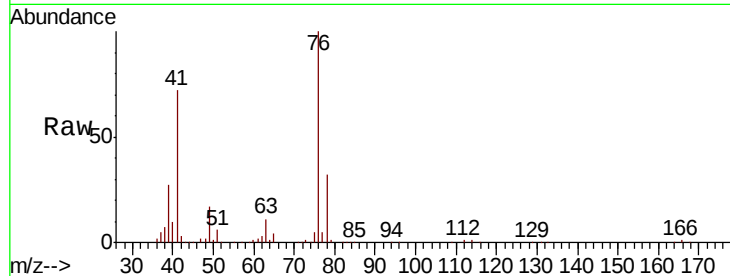




#57  
 1,3-Dichloropropane  
 Concen: 49.592 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

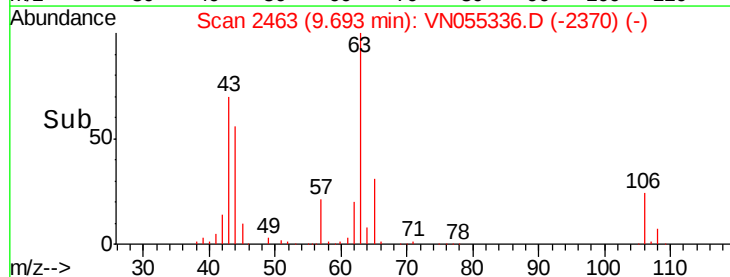
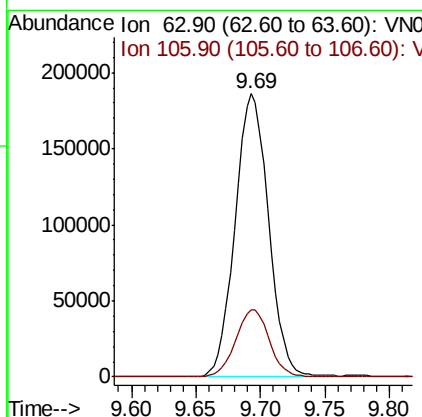
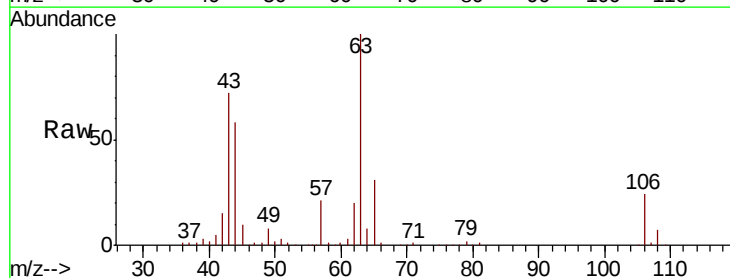
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

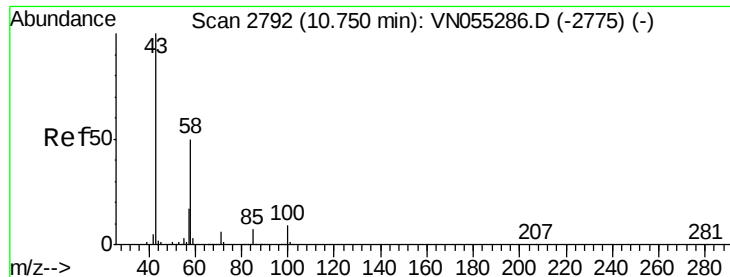
Tot Ion: 76 Resp: 313707  
 Ion Ratio Lower Upper  
 76 100  
 78 31.8 25.6 38.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 244.229 ug/l  
 RT: 9.69 min Scan# 2463  
 Delta R.T. -0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

Tgt Ion: 63 Resp: 335991  
 Ion Ratio Lower Upper  
 63 100  
 106 23.8 19.0 28.4

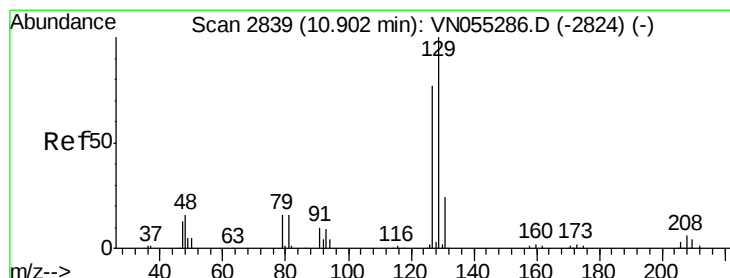
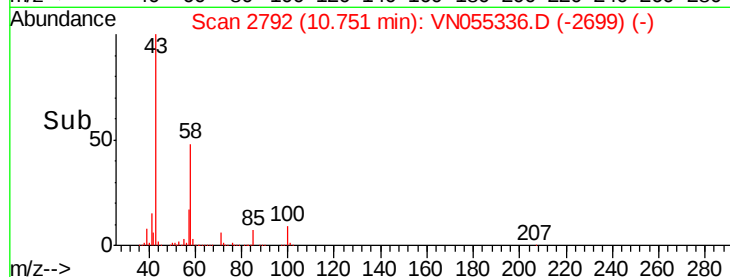
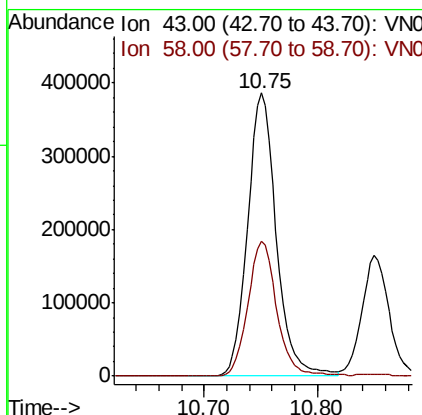
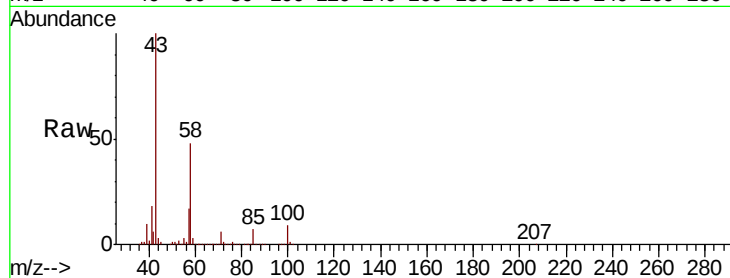




#59  
2-Hexanone  
Concen: 272.608 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

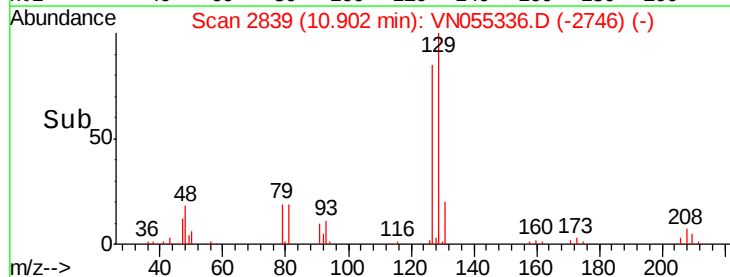
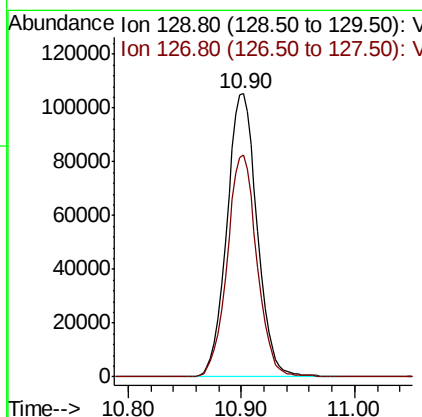
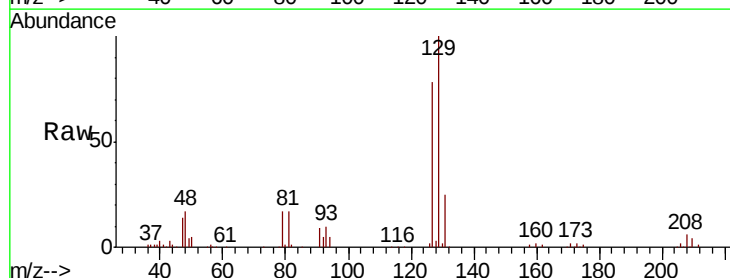
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

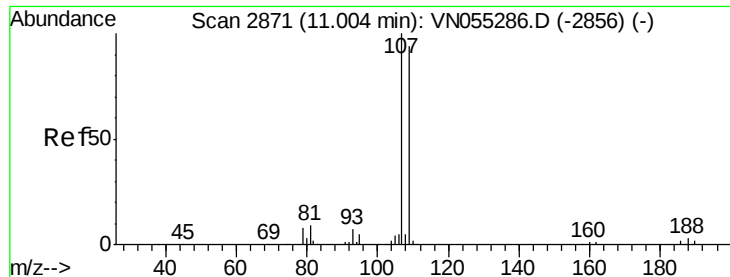
Tot Ion: 43 Resp: 679040  
Ion Ratio Lower Upper  
43 100  
58 48.1 24.9 74.6



#60  
Dibromochloromethane  
Concen: 53.100 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion: 129 Resp: 195695  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.1 114.5





#61

1,2-Dibromoethane

Concen: 50.613 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

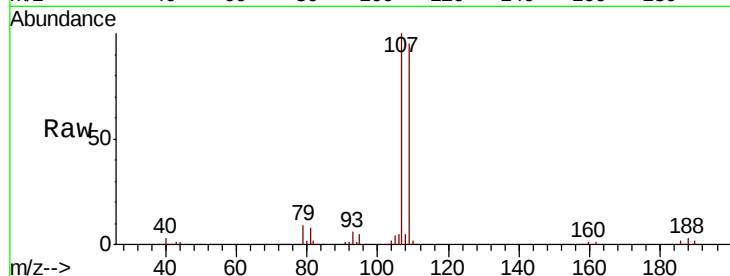
VSTDCCC050

Tot Ion: 107 Resp: 168688

Ion Ratio Lower Upper

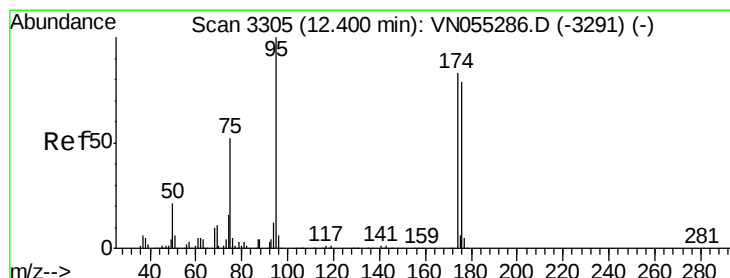
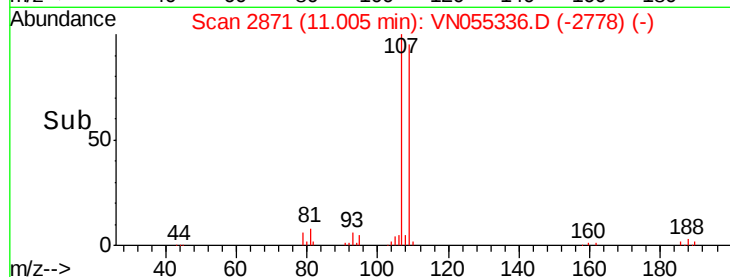
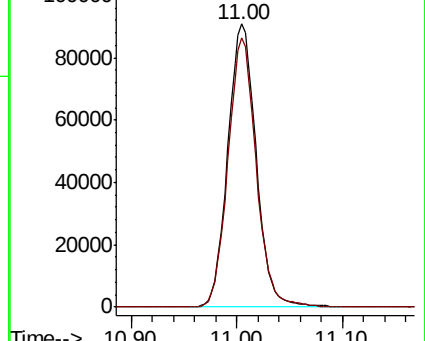
107 100

109 94.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.593 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

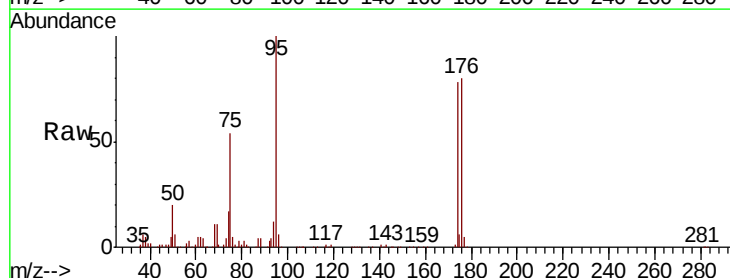
Tgt Ion: 95 Resp: 246812

Ion Ratio Lower Upper

95 100

174 81.3 0.0 166.6

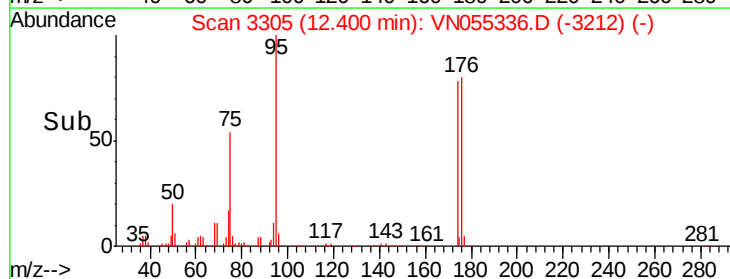
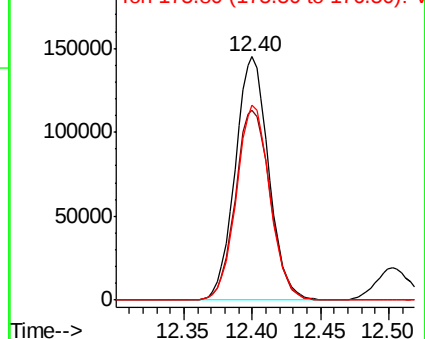
176 80.1 0.0 157.8

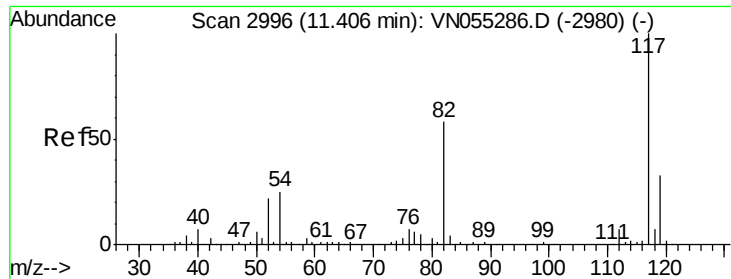


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

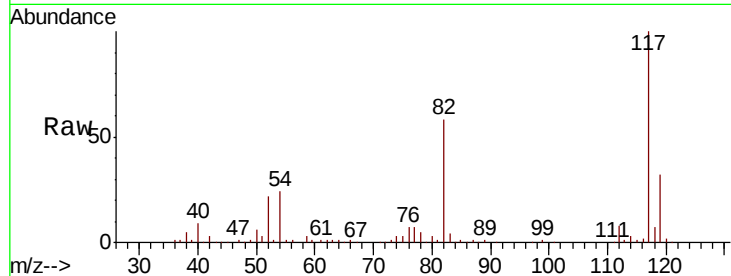




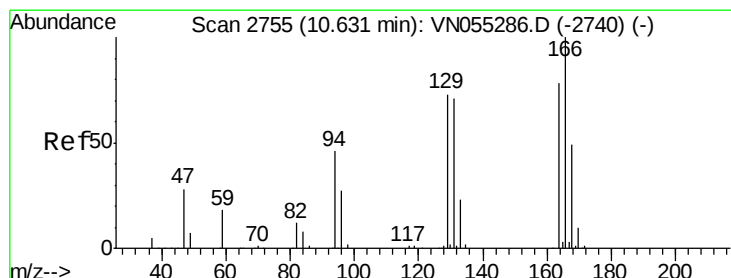
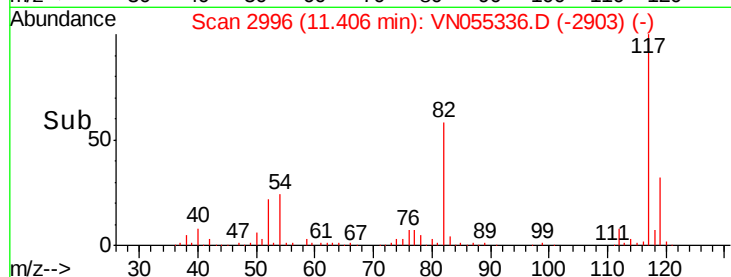
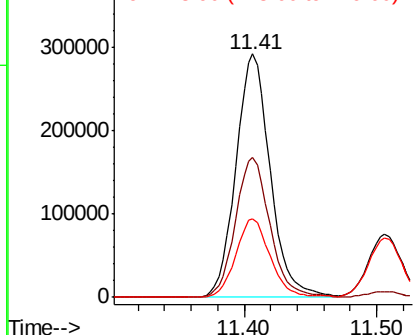
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:117 Resp: 523731  
Ion Ratio Lower Upper  
117 100  
82 57.6 46.2 69.4  
119 32.4 26.6 40.0

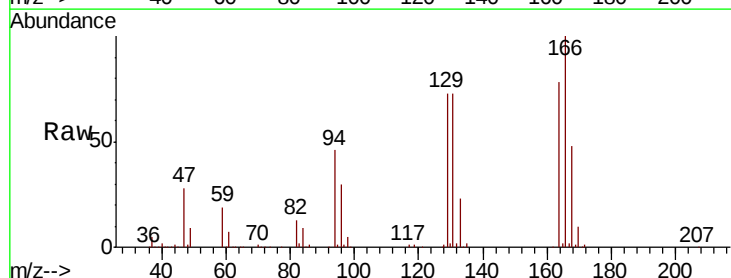


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

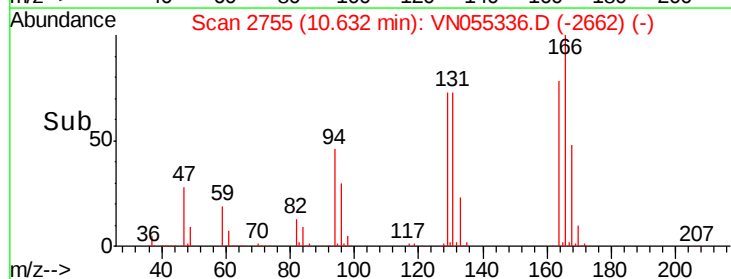
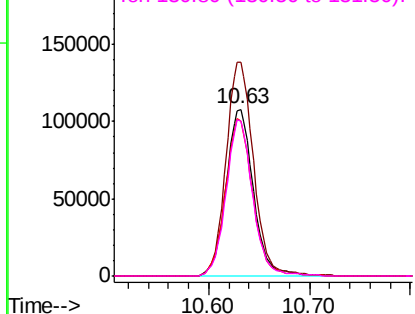


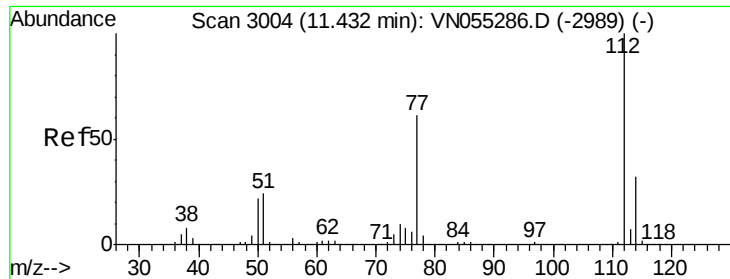
#64  
Tetrachloroethene  
Concen: 47.590 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion:164 Resp: 203827  
Ion Ratio Lower Upper  
164 100  
166 128.3 102.3 153.5  
129 93.2 75.0 112.6  
131 93.4 72.7 109.1



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

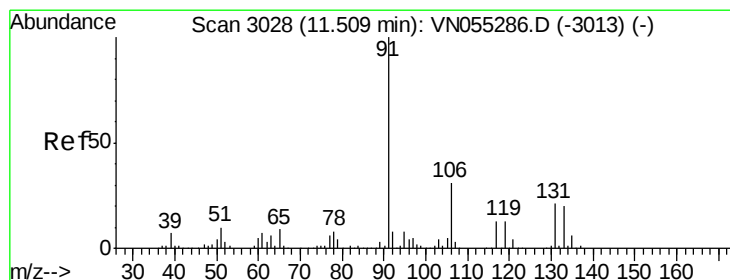
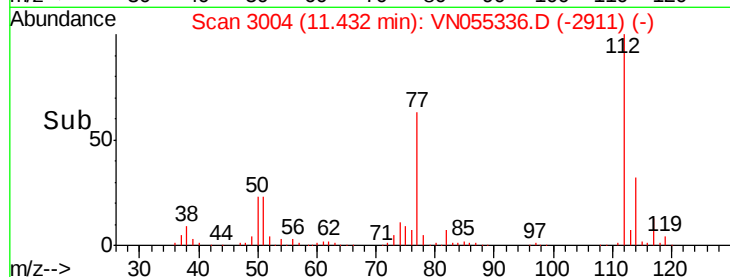
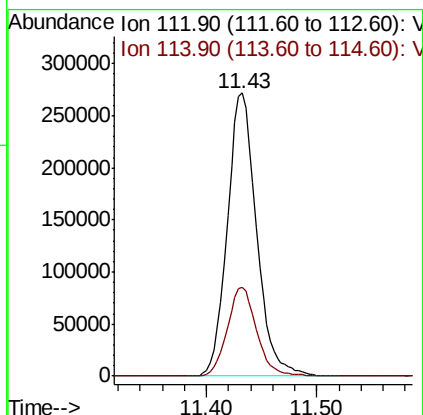
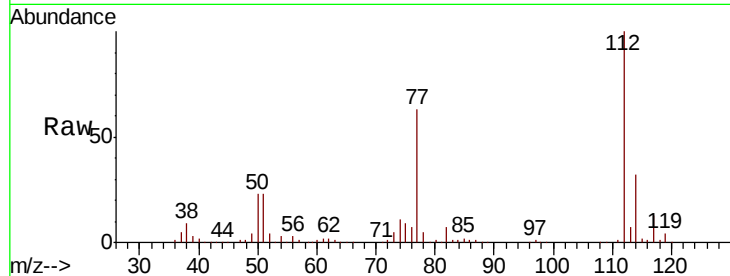




#65  
Chlorobenzene  
Concen: 48.752 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

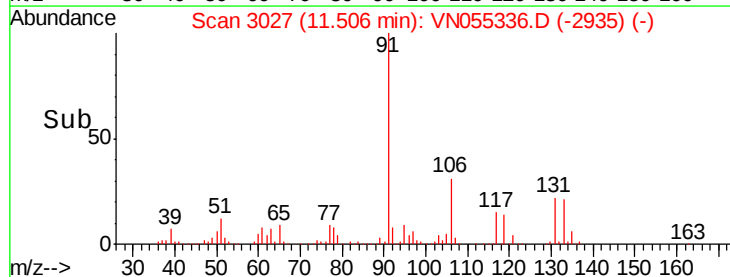
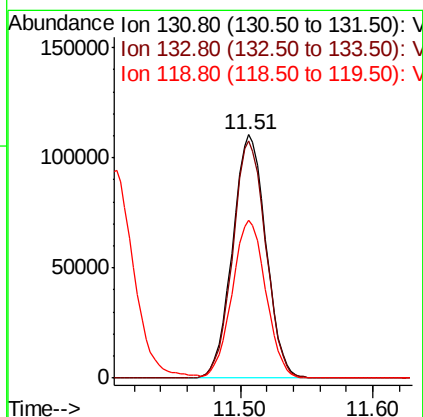
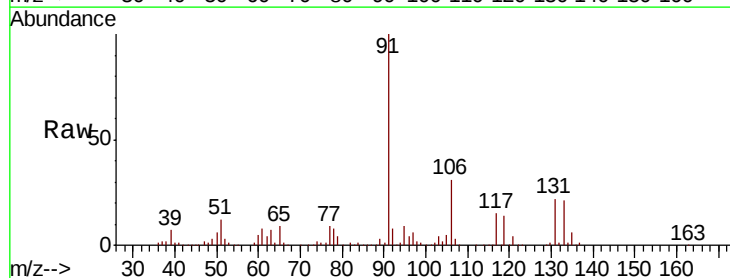
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

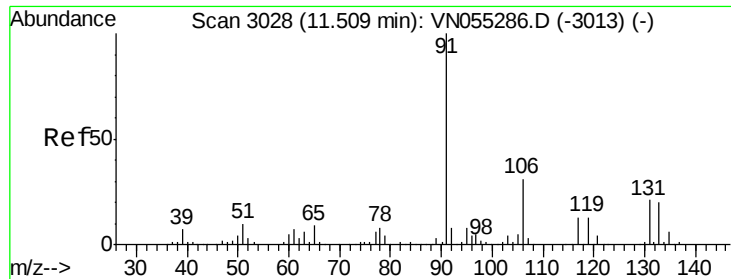
Tot Ion:112 Resp: 499200  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.226 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion:131 Resp: 193362  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.5 142.6  
119 65.3 32.7 98.1

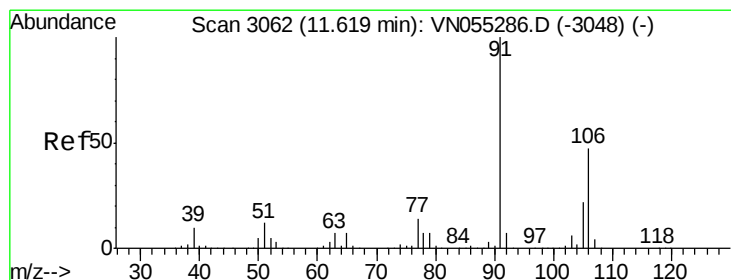
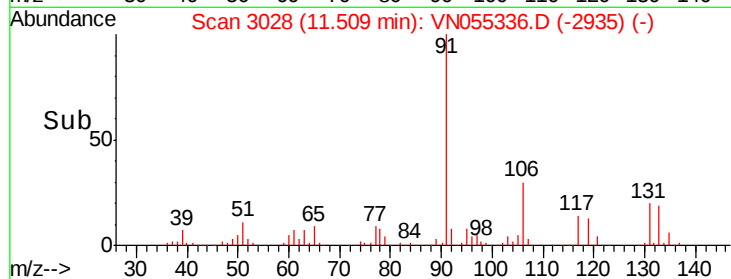
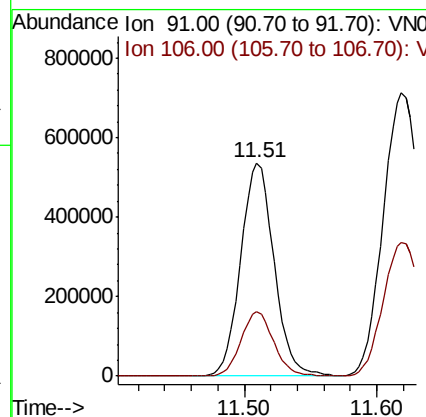
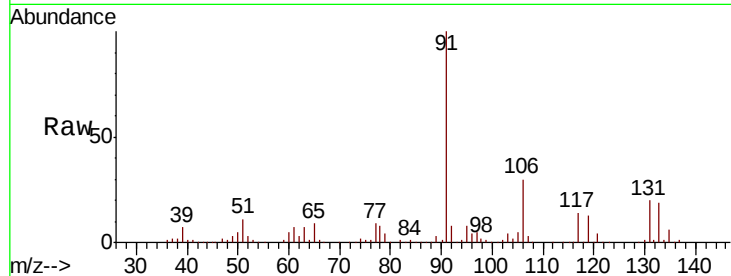




#67  
Ethyl Benzene  
Concen: 50.715 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

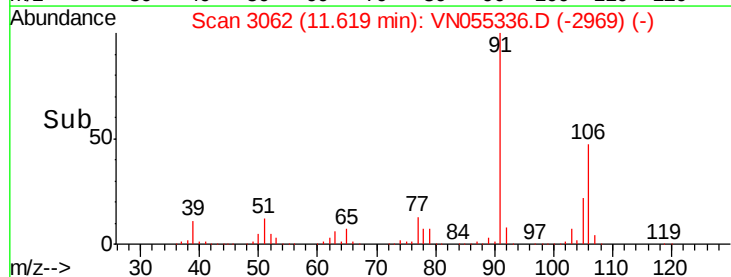
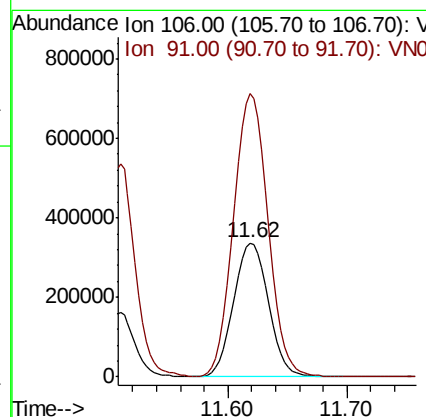
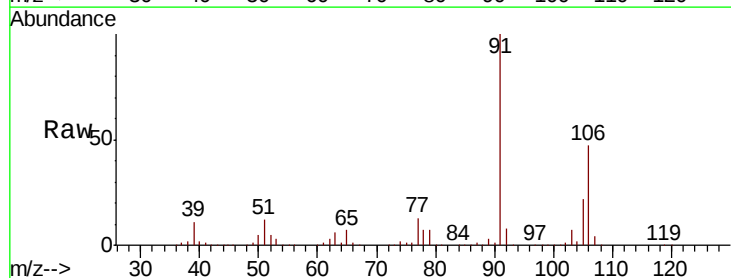
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

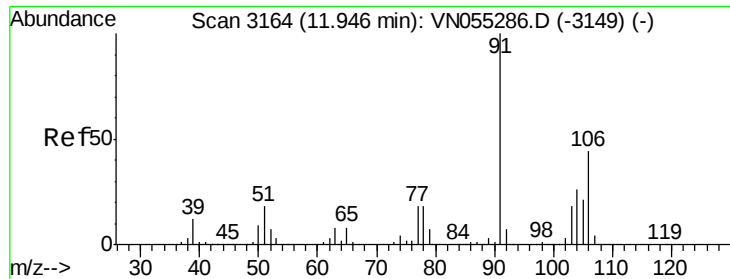
Tot Ion: 91 Resp: 937747  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.6 36.8



#68  
m/p-Xylenes  
Concen: 103.779 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion: 106 Resp: 684954  
Ion Ratio Lower Upper  
106 100  
91 209.5 169.5 254.3

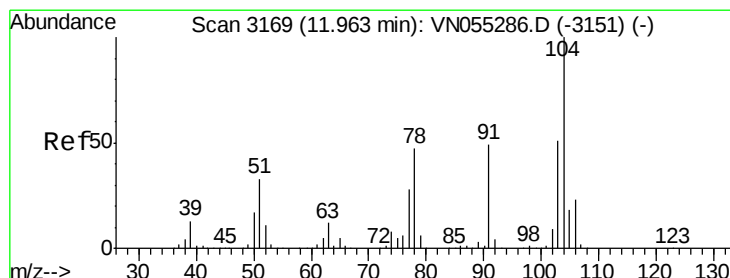
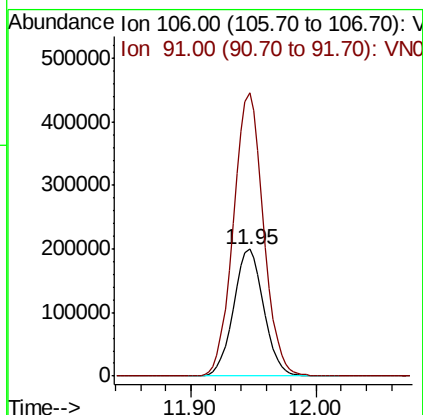
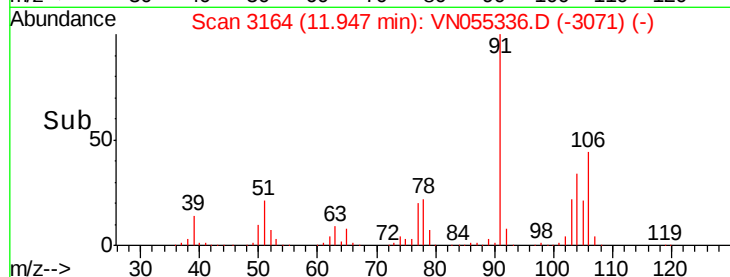
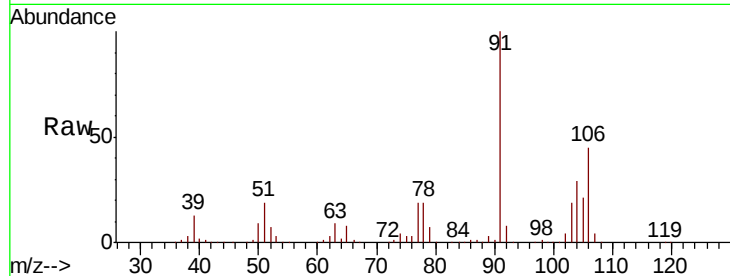




#69  
o-Xylene  
Concen: 51.194 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

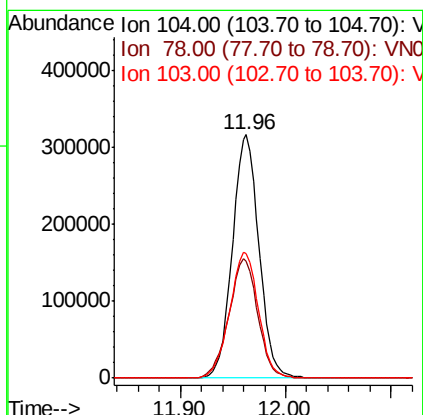
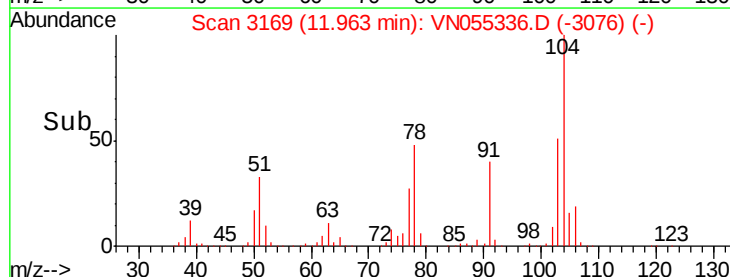
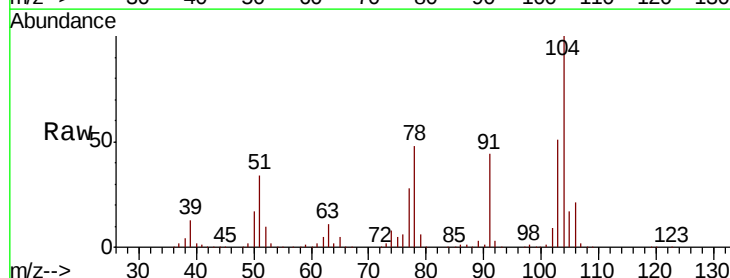
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

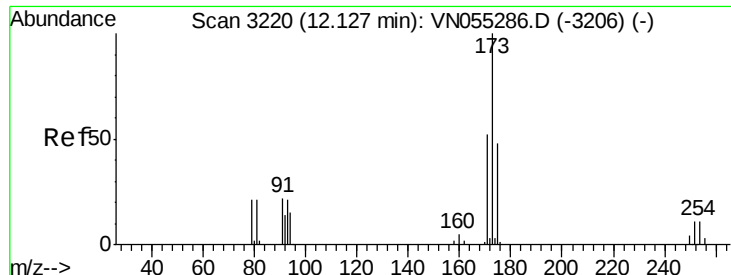
Tot Ion:106 Resp: 334901  
Ion Ratio Lower Upper  
106 100  
91 221.1 111.5 334.5



#70  
Styrene  
Concen: 54.856 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion:104 Resp: 550997  
Ion Ratio Lower Upper  
104 100  
78 53.3 42.2 63.2  
103 56.1 44.6 67.0

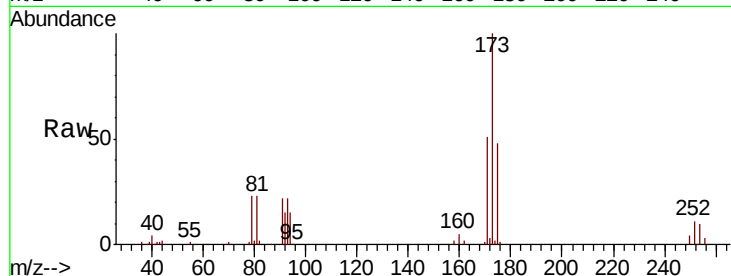




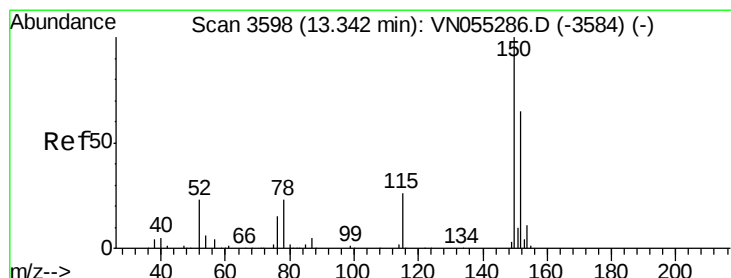
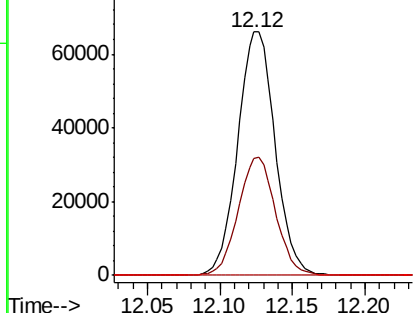
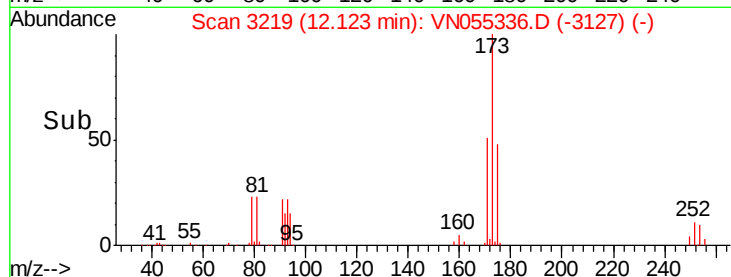
#71  
Bromoform  
Concen: 53.100 ug/l  
RT: 12.12 min Scan# 3219  
Delta R.T. -0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:173 Resp: 118139  
Ion Ratio Lower Upper  
173 100  
175 48.5 23.6 71.0  
254 0.0 0.0 0.0

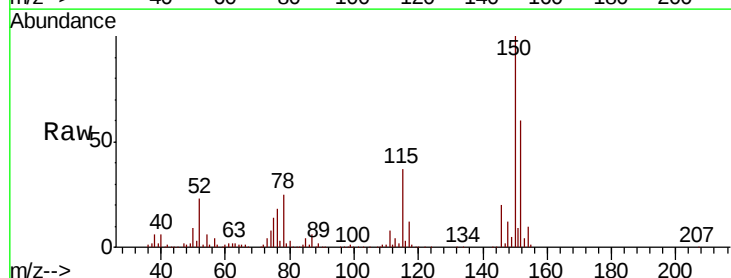


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

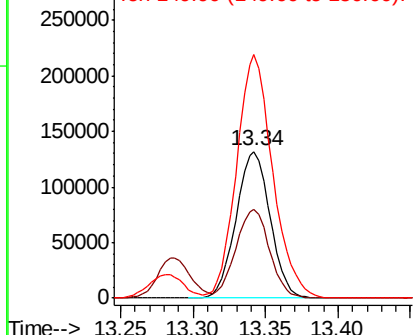
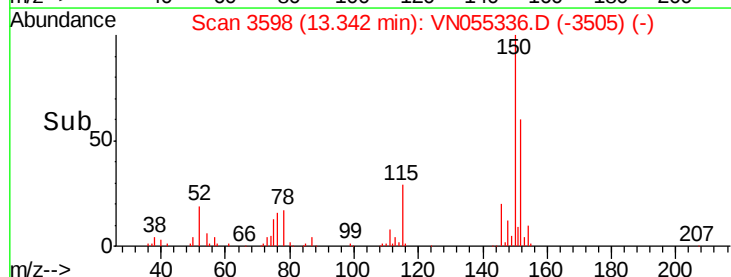


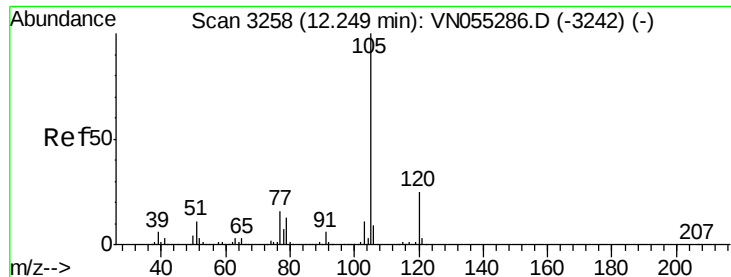
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion:152 Resp: 215669  
Ion Ratio Lower Upper  
152 100  
115 60.0 29.0 87.0  
150 175.0 0.0 345.6



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: 52.664 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

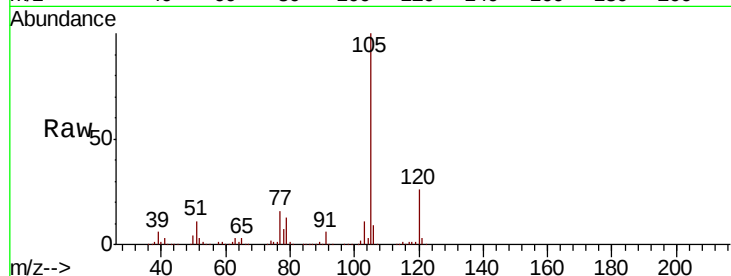
VSTDCCC050

Tot Ion:105 Resp: 900858

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

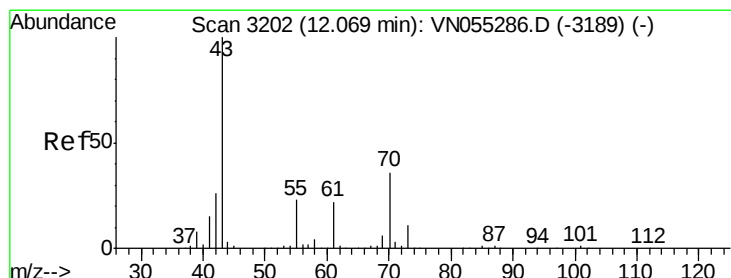
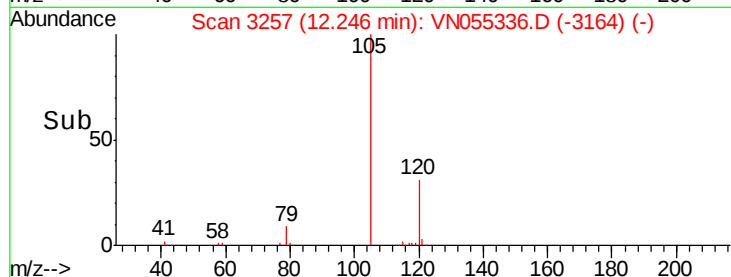
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 48.656 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Tgt Ion: 43 Resp: 269306

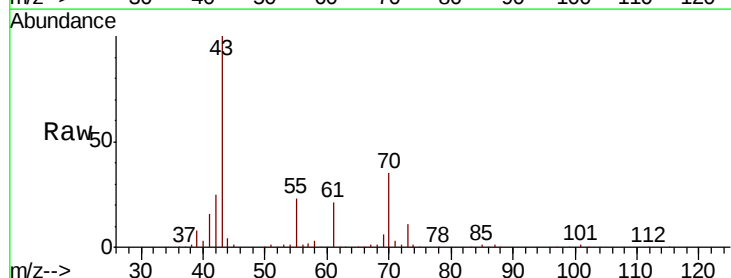
Ion Ratio Lower Upper

43 100

70 35.6 27.9 41.9

55 23.2 18.2 27.2

61 21.5 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

250000

200000

150000

100000

50000

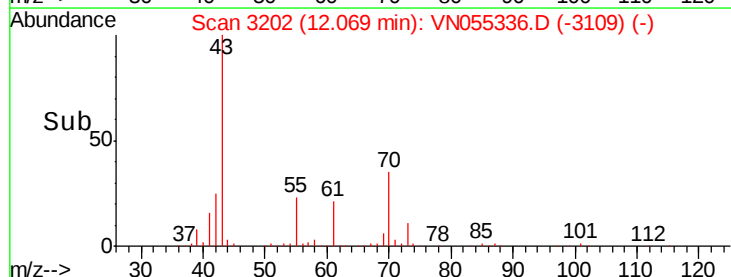
0

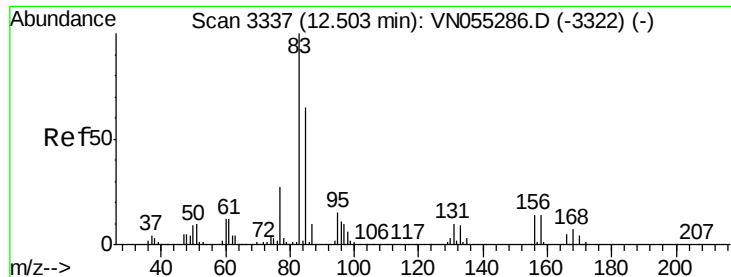
12.00

12.07

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.005 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

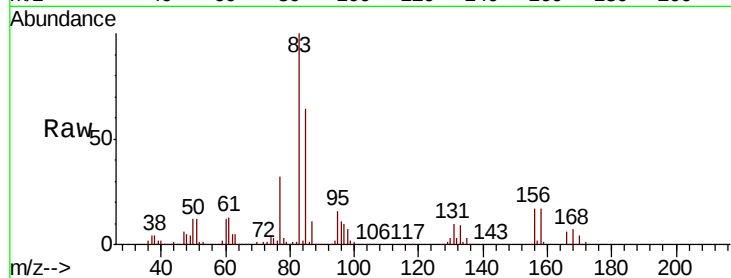
Tot Ion: 83 Resp: 213675

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

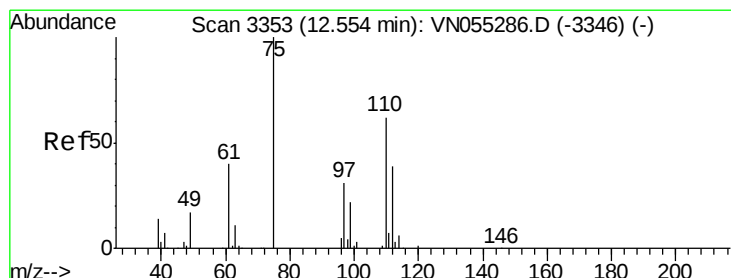
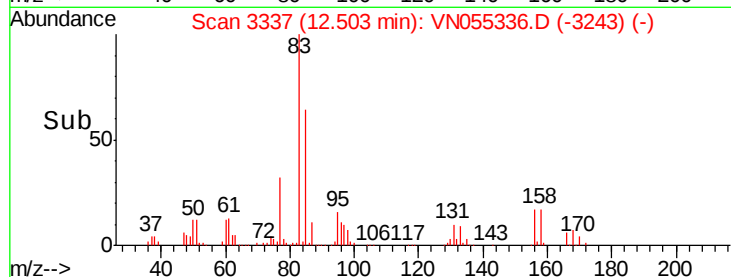
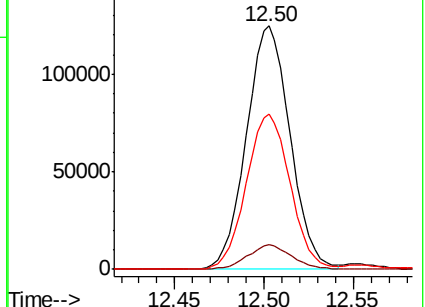
85 63.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055286.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN055286.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN055286.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 65.593 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055336.D

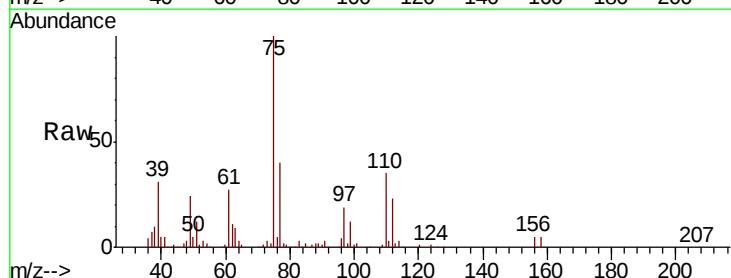
Acq: 2 May 2019 8:58

Tgt Ion: 75 Resp: 259799

Ion Ratio Lower Upper

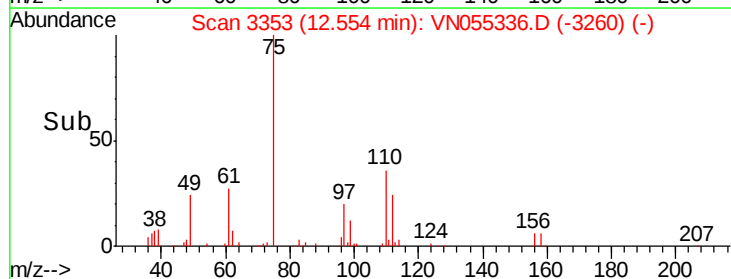
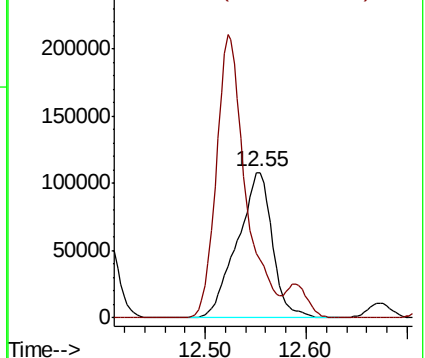
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN055286.D (-3346) (-)

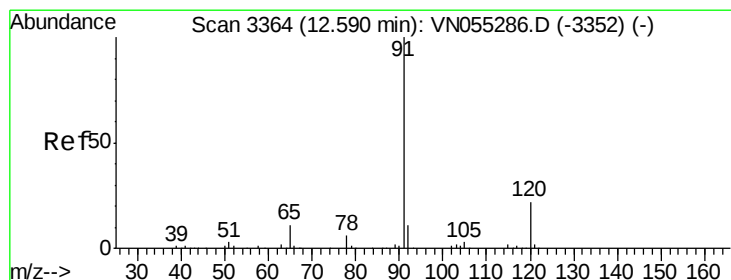
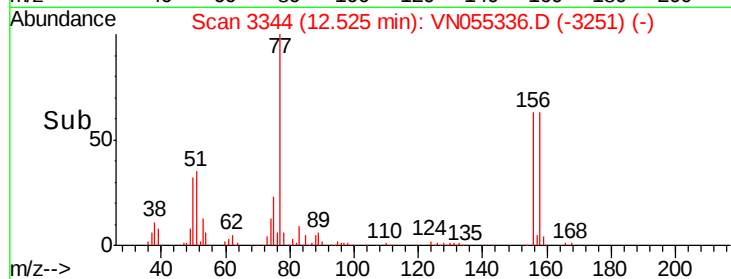
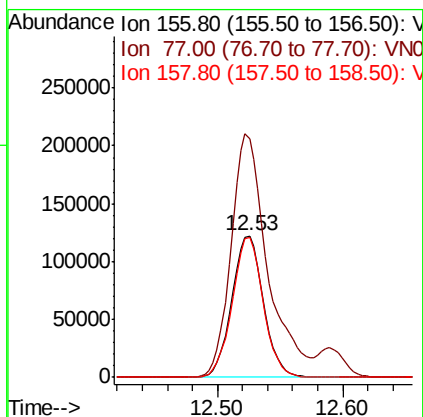
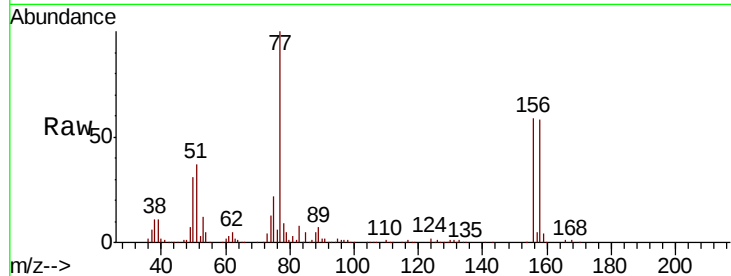




#77  
Bromobenzene  
Concen: 51.810 ug/l  
RT: 12.53 min Scan# 3344  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

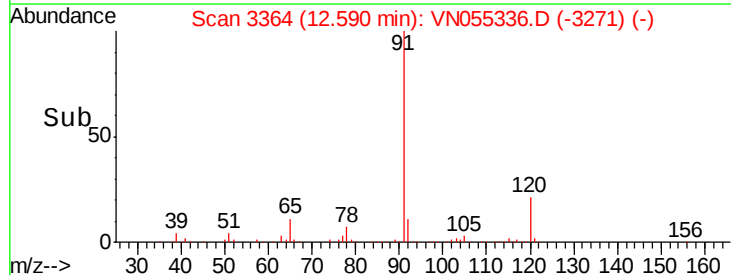
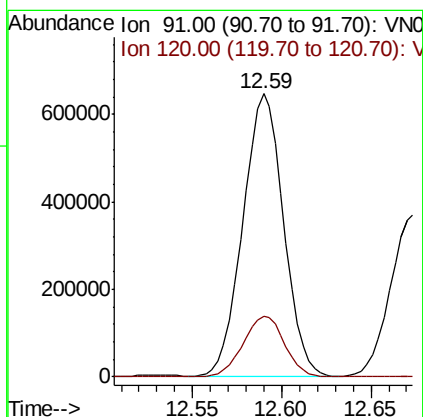
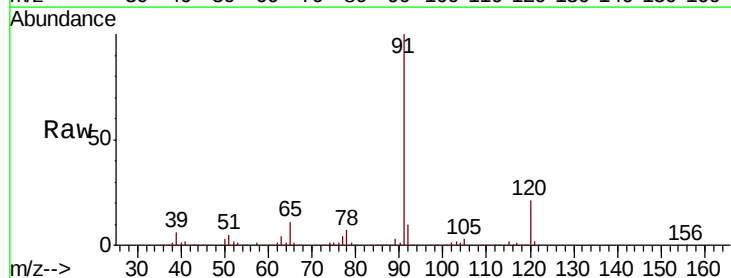
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

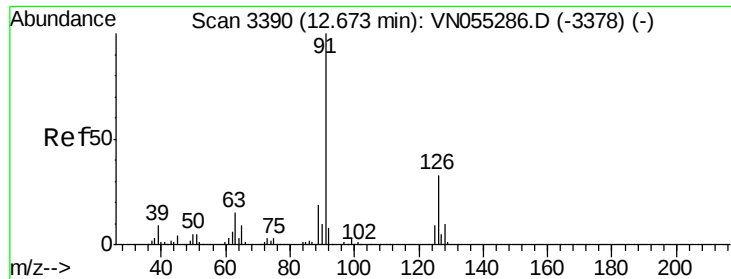
Tot Ion:156 Resp: 212824  
Ion Ratio Lower Upper  
156 100  
77 199.5 99.6 298.8  
158 97.2 49.3 147.8



#78  
n-propylbenzene  
Concen: 46.254 ug/l  
RT: 12.59 min Scan# 3364  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion: 91 Resp: 1024706  
Ion Ratio Lower Upper  
91 100  
120 21.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 53.029 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

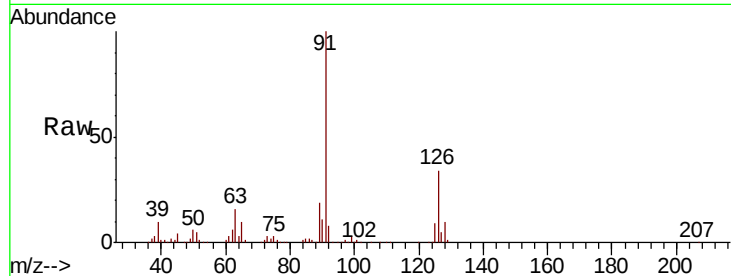
VSTDCCC050

Tot Ion: 91 Resp: 617935

Ion Ratio Lower Upper

91 100

126 33.4 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055286.D (-3378) (-)

600000

400000

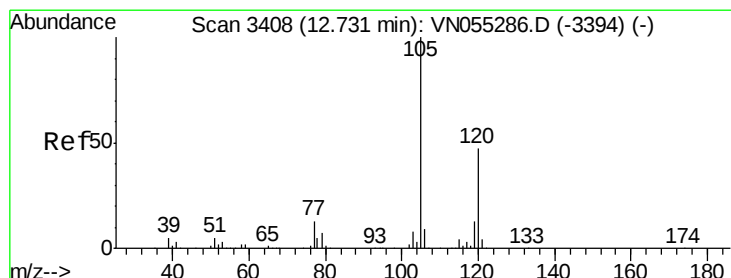
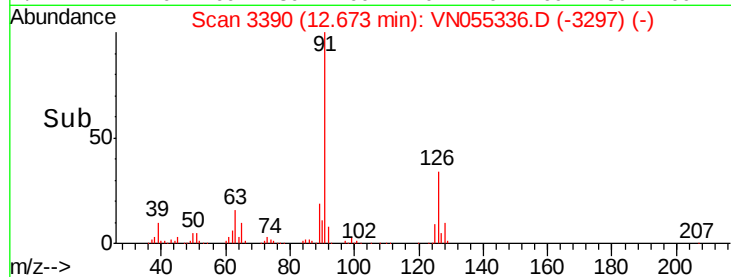
200000

0

12.60 12.65 12.70

12.67

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 44.477 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055336.D

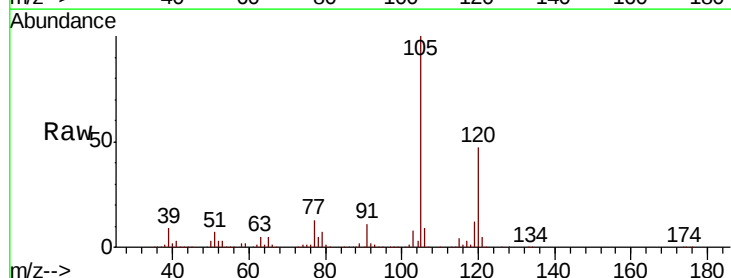
Acq: 2 May 2019 8:58

Tgt Ion: 105 Resp: 752001

Ion Ratio Lower Upper

105 100

120 48.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055286.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN055286.D (-3394) (-)

500000

400000

300000

200000

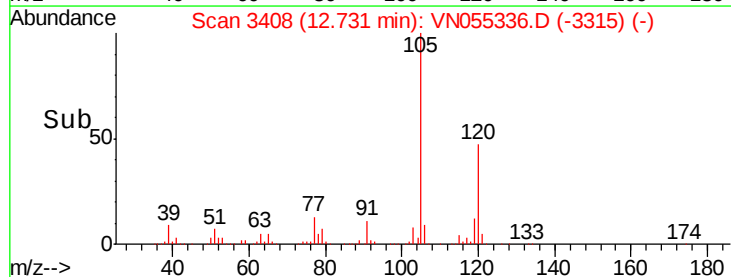
100000

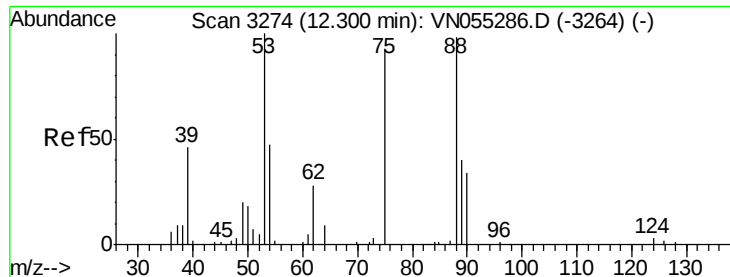
0

12.65 12.70 12.75 12.80

12.73

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.159 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

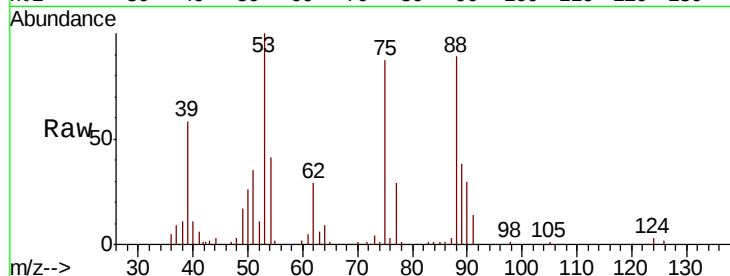
Tot Ion: 75 Resp: 52532

Ion Ratio Lower Upper

75 100

53 114.8 86.3 129.5

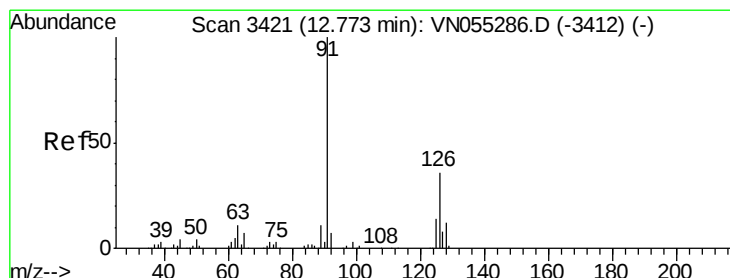
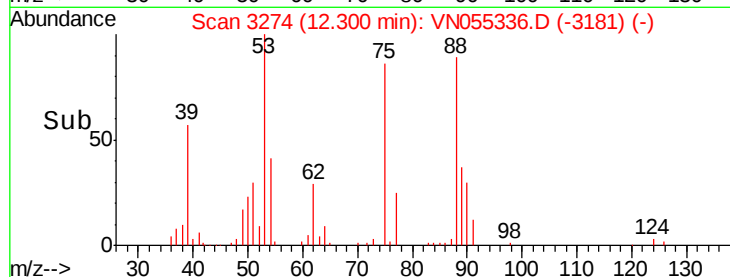
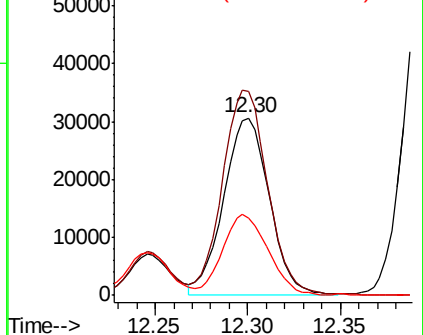
89 45.5 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.605 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN055336.D

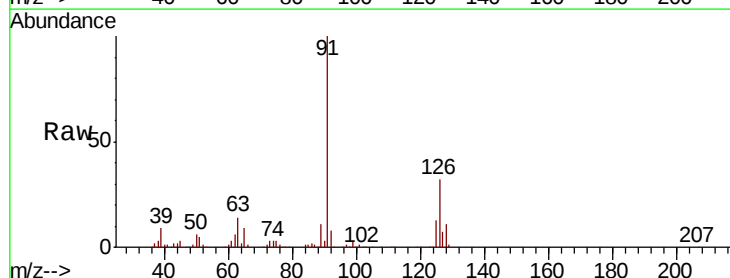
Acq: 2 May 2019 8:58

Tgt Ion: 91 Resp: 600314

Ion Ratio Lower Upper

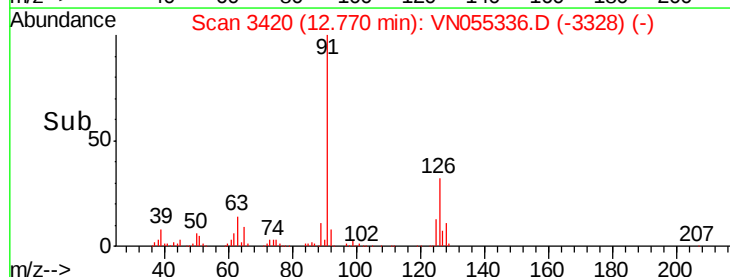
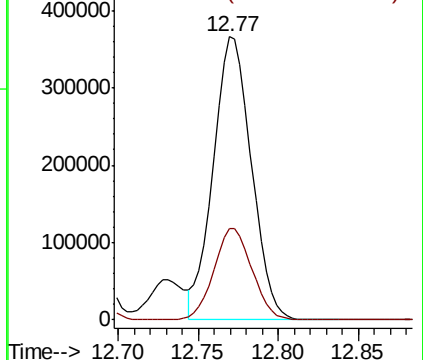
91 100

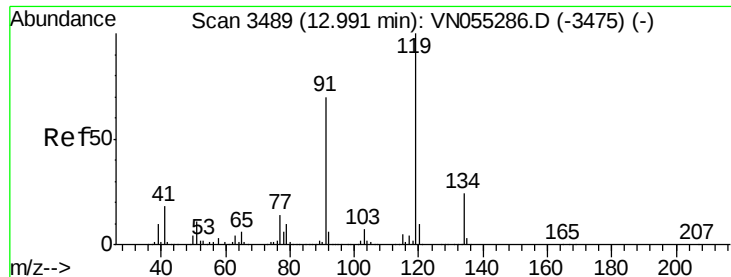
126 32.4 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

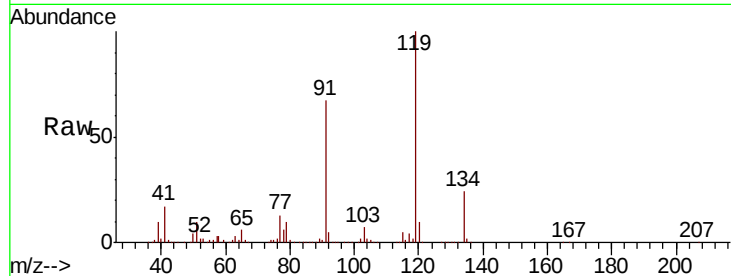




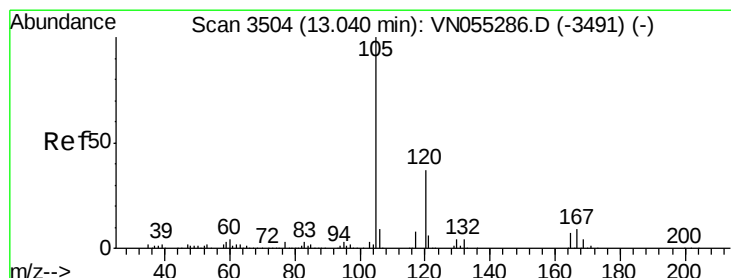
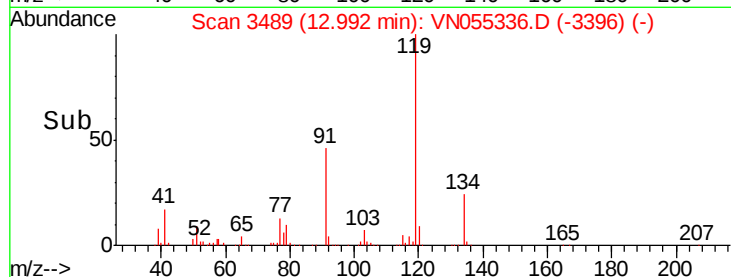
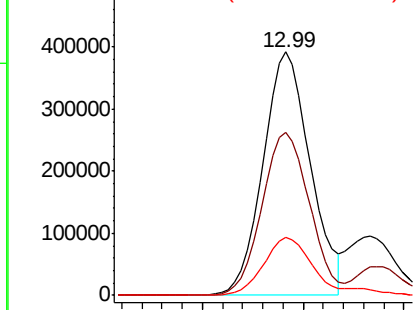
#83  
tert-Butylbenzene  
Concen: 53.621 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:119 Resp: 639197  
Ion Ratio Lower Upper  
119 100  
91 67.5 34.3 102.9  
134 25.9 13.1 39.3

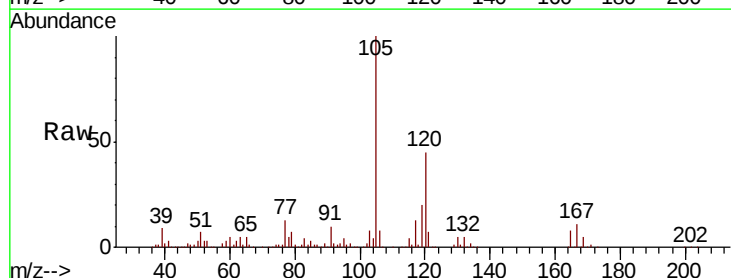


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

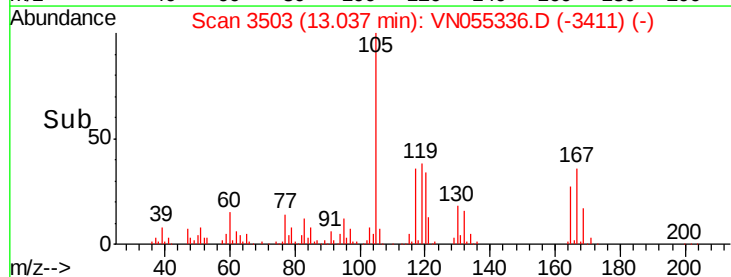
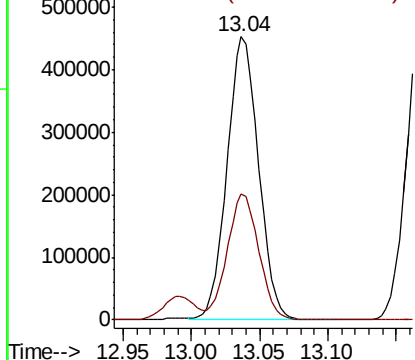


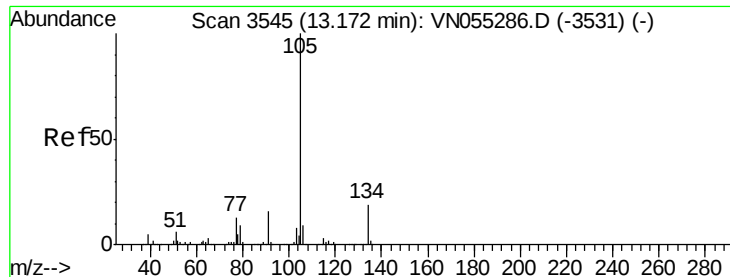
#84  
1,2,4-Trimethylbenzene  
Concen: 47.967 ug/l  
RT: 13.04 min Scan# 3503  
Delta R.T. -0.00 min  
Lab File: VN055336.D  
Acq: 2 May 2019 8:58

Tgt Ion:105 Resp: 725325  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 45.299 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

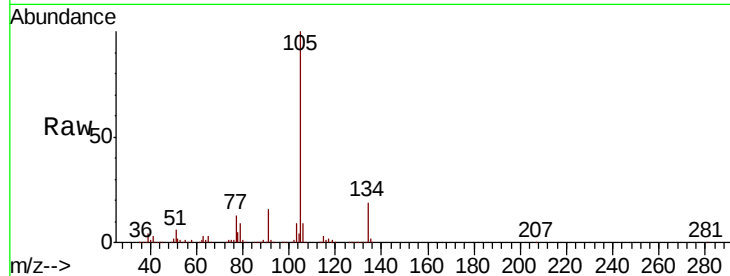
VSTDCCC050

Tot Ion:105 Resp: 832465

Ion Ratio Lower Upper

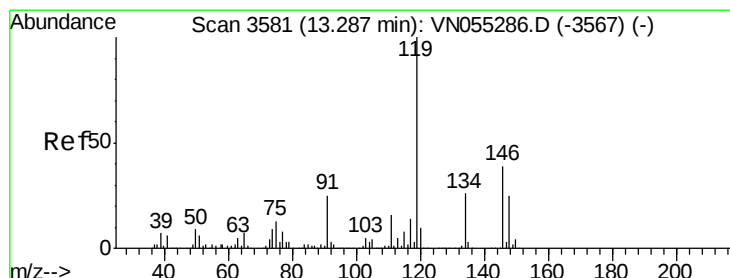
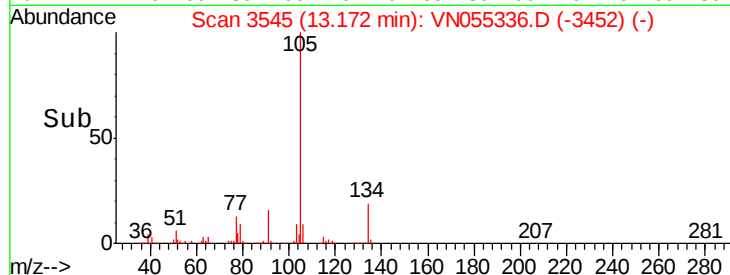
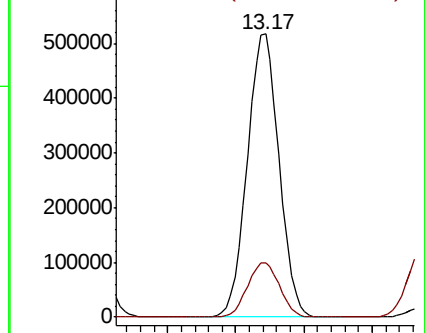
105 100

134 19.6 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.632 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

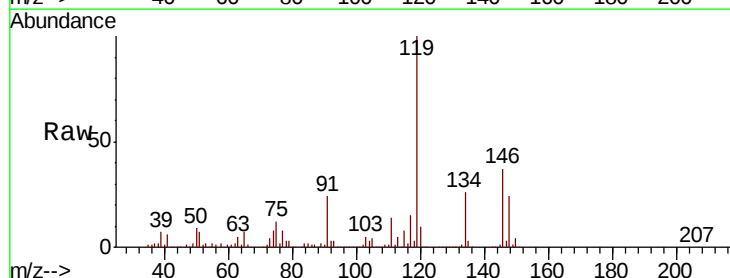
Tgt Ion:119 Resp: 734559

Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

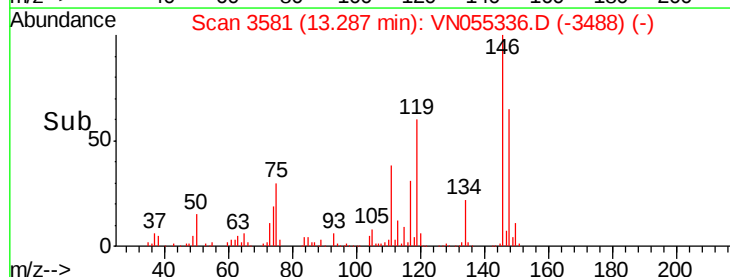
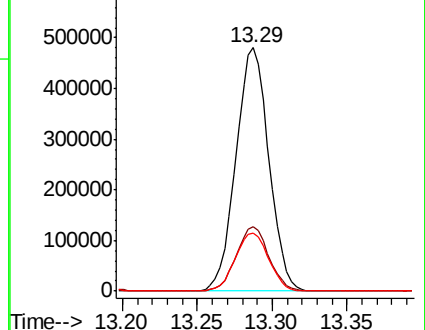
91 24.1 12.2 36.6

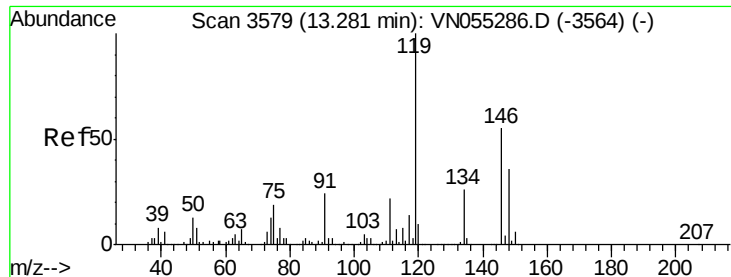


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.702 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

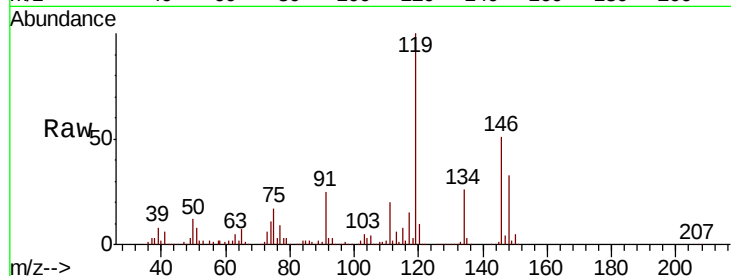
Tot Ion:146 Resp: 351474

Ion Ratio Lower Upper

146 100

111 39.2 20.3 60.8

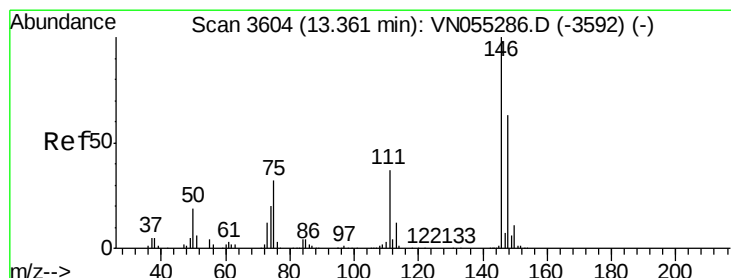
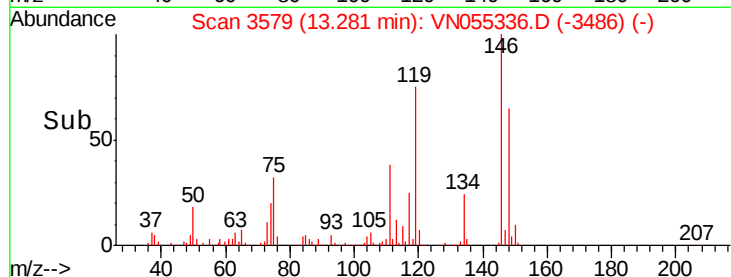
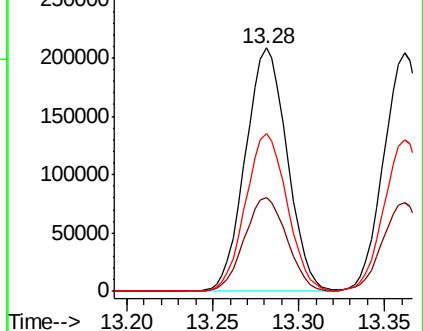
148 64.5 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.248 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

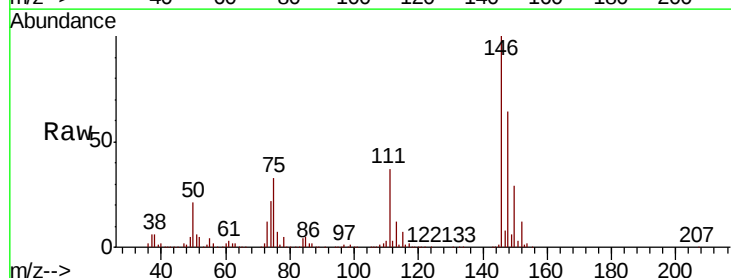
Tgt Ion:146 Resp: 341497

Ion Ratio Lower Upper

146 100

111 37.8 19.5 58.5

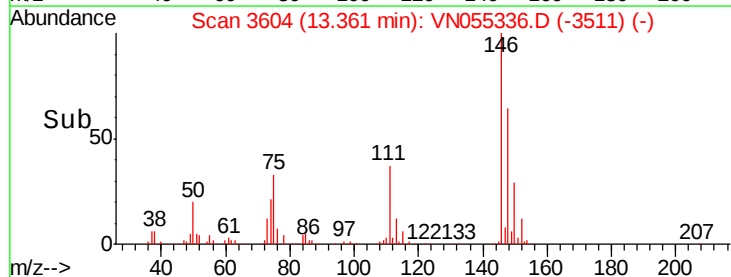
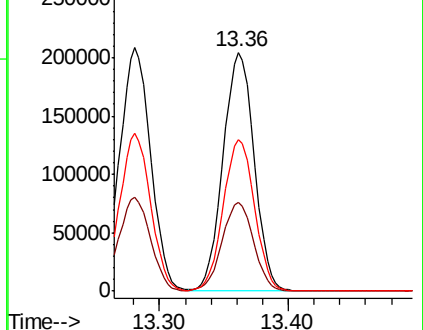
148 64.0 32.5 97.4

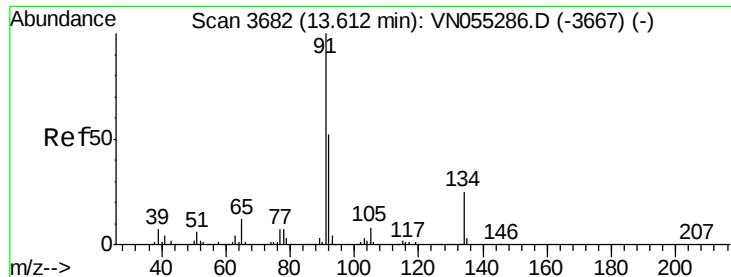


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 54.030 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

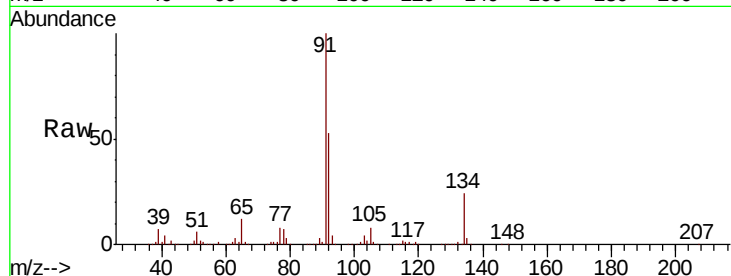
Tot Ion: 91 Resp: 579905

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.3

134 24.8 12.4 37.4

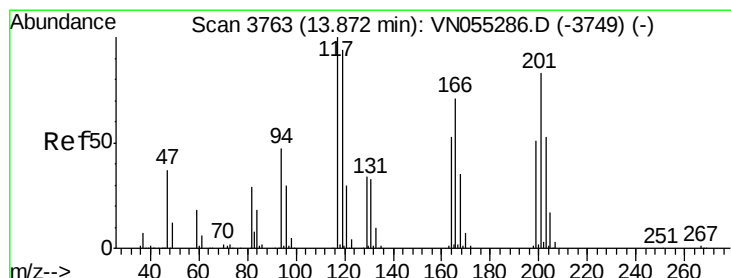
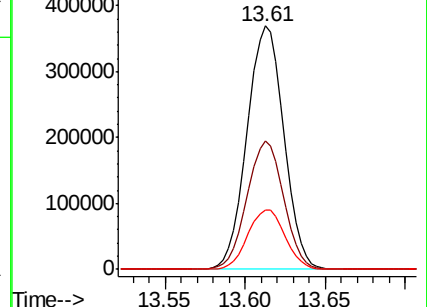
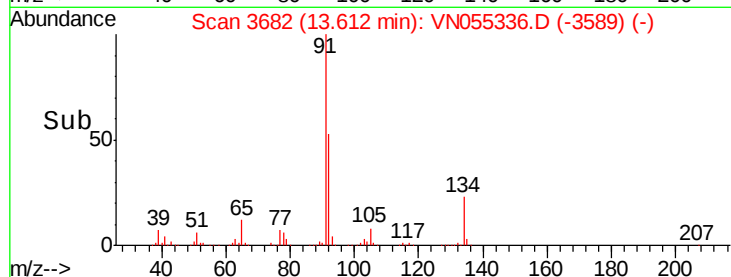


Abundance Ion 91.00 (90.70 to 91.70): VN055336.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055336.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055336.D (-3682) (-)

Time-->



#90

Hexachloroethane

Concen: 51.795 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055336.D

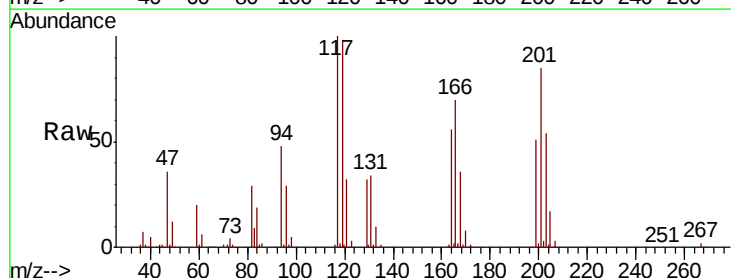
Acq: 2 May 2019 8:58

Tgt Ion: 117 Resp: 123737

Ion Ratio Lower Upper

117 100

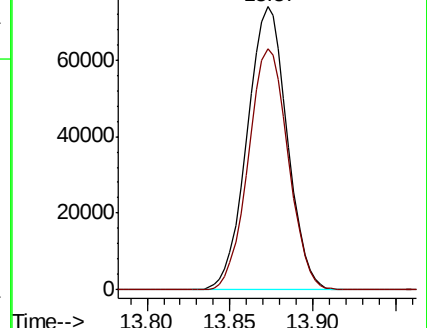
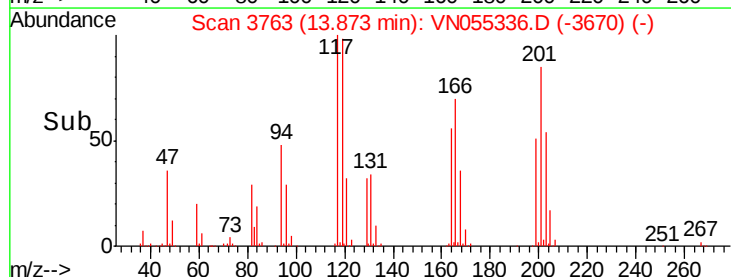
201 84.8 41.9 125.8

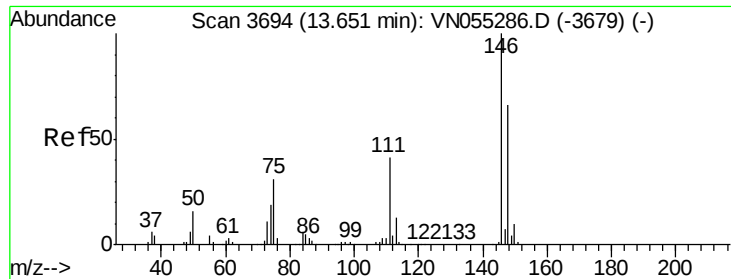


Abundance Ion 116.80 (116.50 to 117.50): VN055336.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055336.D (-3763) (-)

Time-->

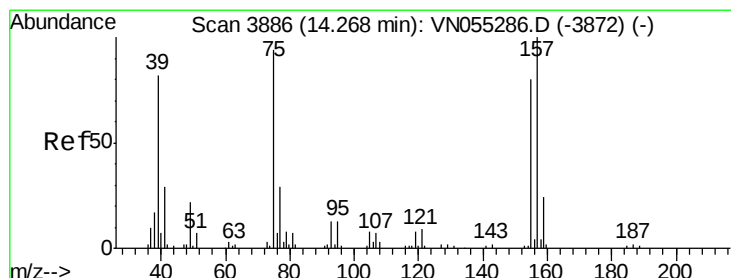
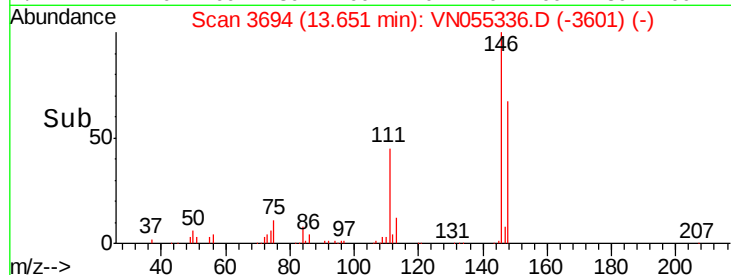
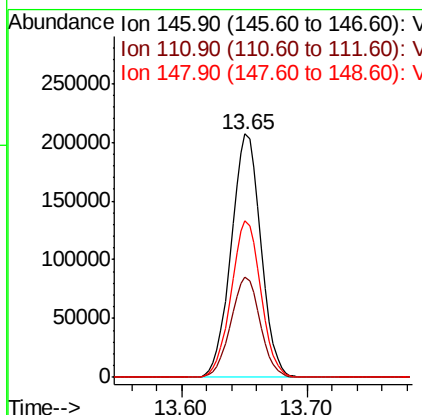
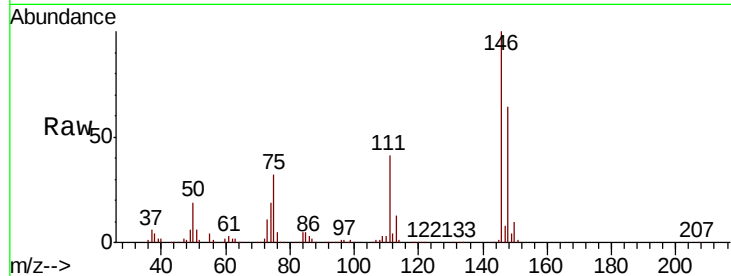




#91  
 1,2-Dichlorobenzene  
 Concen: 47.451 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. 0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

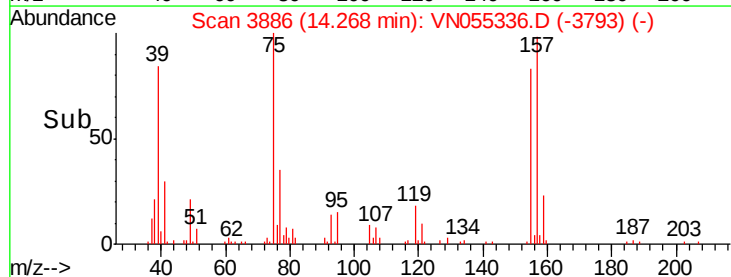
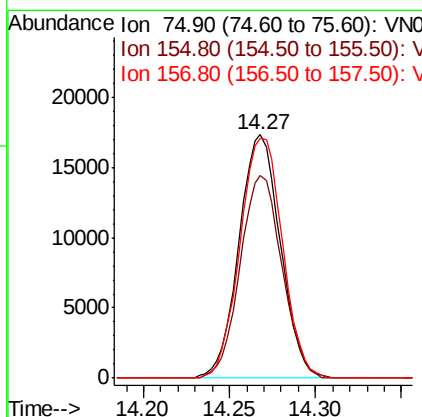
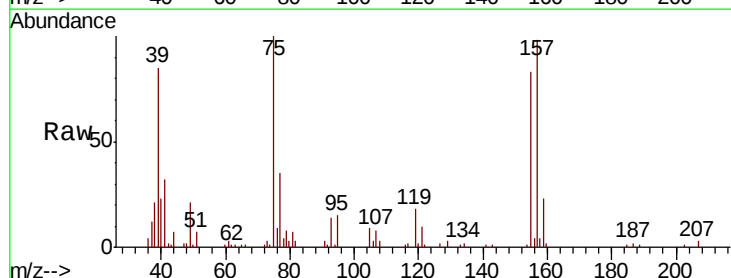
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:146 Resp: 339405  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 20.3 61.0  
 148 64.4 32.4 97.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.032 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. 0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

Tgt Ion: 75 Resp: 28955  
 Ion Ratio Lower Upper  
 75 100  
 155 84.1 41.5 124.6  
 157 101.1 54.0 162.2

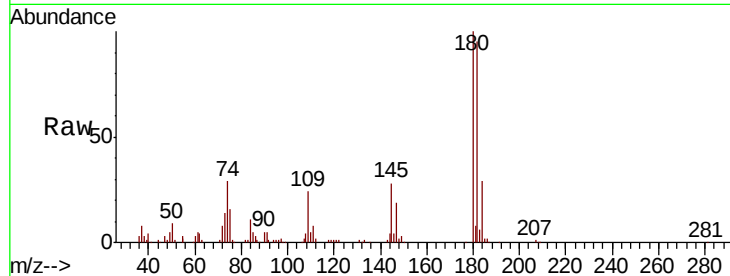




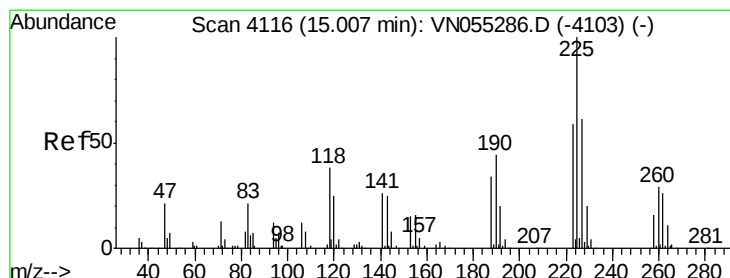
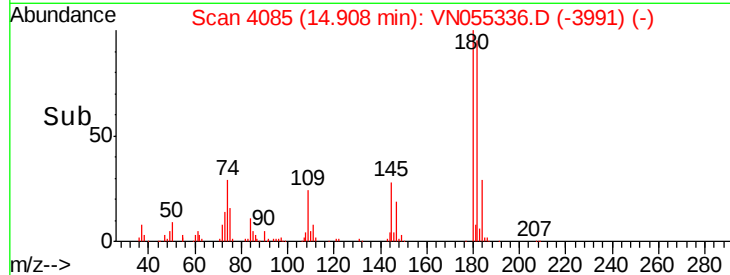
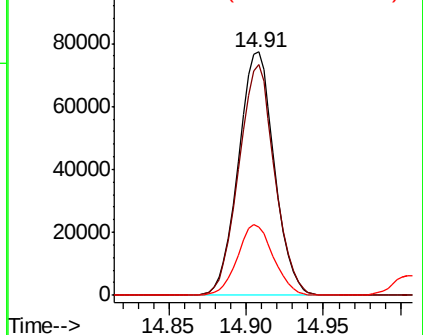
#93  
 1,2,4-Trichlorobenzene  
 Concen: 44.678 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:180 Resp: 124922  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 48.3 144.9  
 145 29.0 14.2 42.6

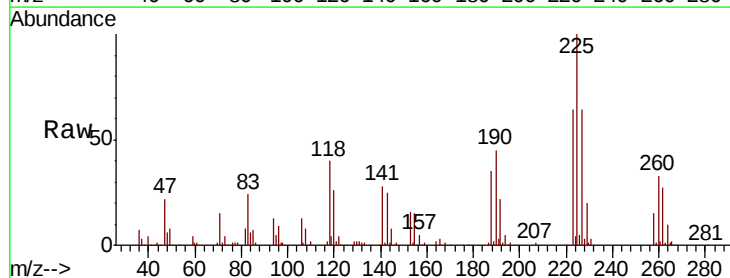


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

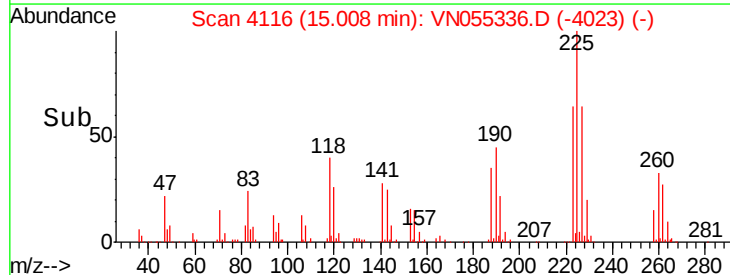
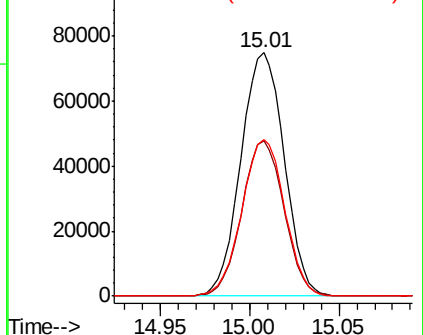


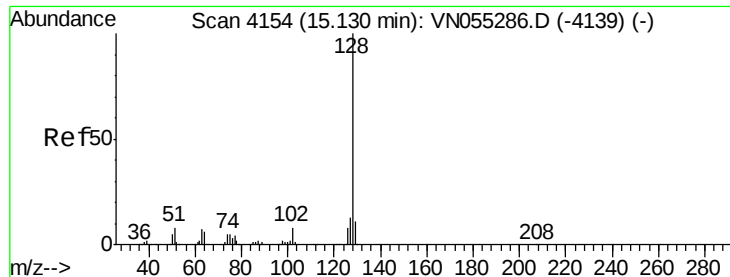
#94  
 Hexachlorobutadiene  
 Concen: 59.522 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN055336.D  
 Acq: 2 May 2019 8:58

Tgt Ion:225 Resp: 126965  
 Ion Ratio Lower Upper  
 225 100  
 223 62.2 30.3 90.8  
 227 63.6 30.9 92.7



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





#95

Naphthalene

Concen: 40.357 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

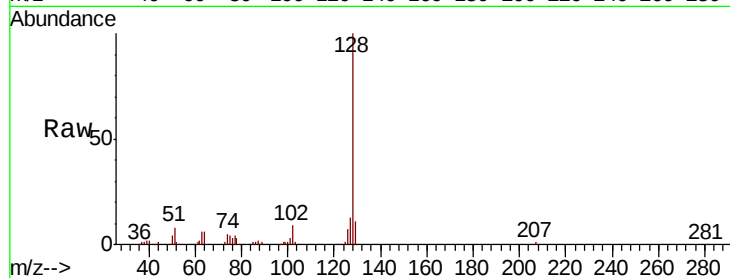
Tot Ion:128 Resp: 237808

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

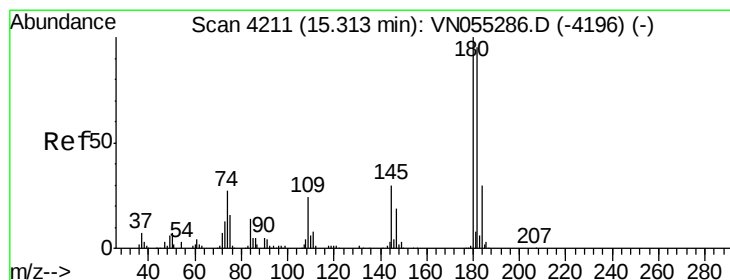
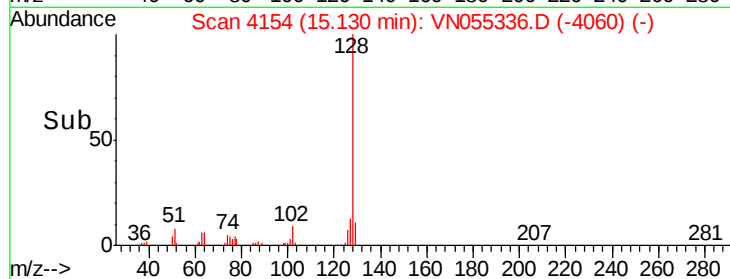
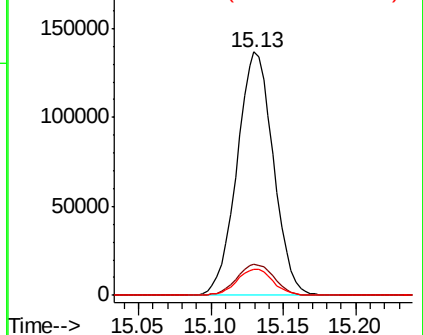
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.314 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN055336.D

Acq: 2 May 2019 8:58

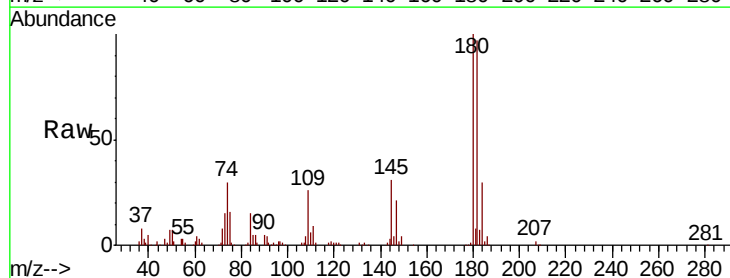
Tgt Ion:180 Resp: 125120

Ion Ratio Lower Upper

180 100

182 96.2 48.3 144.9

145 31.3 15.2 45.6



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

