

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\  
 Data File : VN056101.D  
 Acq On : 7 Jun 2019 16:18  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 08 05:11:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 11:02:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 310193   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 439041   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 395942   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 183224   | 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   | 149991   | 48.70 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.40%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 135996   | 50.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.98% |          |
| 50) Toluene-d8              | 10.09 | 98   | 514812   | 49.67 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.34%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 181151   | 51.39 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.78% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 162812   | 47.792  | ug/l  | 99     |
| 3) Chloromethane              | 2.06 | 50   | 166449   | 49.501  | ug/l  | 98     |
| 4) Vinyl Chloride             | 2.18 | 62   | 167903   | 49.780  | ug/l  | 99     |
| 5) Bromomethane               | 2.53 | 94   | 97876    | 45.937  | ug/l  | 99     |
| 6) Chloroethane               | 2.68 | 64   | 93587    | 47.856  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 3.00 | 101  | 209193   | 48.583  | ug/l  | 100    |
| 8) Diethyl Ether              | 3.40 | 74   | 83718    | 47.279  | ug/l  | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101  | 137283   | 52.486  | ug/l  | 98     |
| 10) Methyl Iodide             | 3.94 | 142  | 189134   | 45.502  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 4.82 | 59   | 122837   | 229.182 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 3.72 | 96   | 127932   | 49.128  | ug/l  | 96     |
| 13) Acrolein                  | 3.60 | 56   | 40182    | 259.942 | ug/l  | 96     |
| 14) Allyl chloride            | 4.31 | 41   | 202881   | 49.340  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.99 | 53   | 355556   | 272.514 | ug/l  | 99     |
| 16) Acetone                   | 3.82 | 43   | 355951   | 241.643 | ug/l  | 100    |
| 17) Carbon Disulfide          | 4.04 | 76   | 276193   | 44.297  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.32 | 43   | 158124   | 54.703  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 416267   | 50.150  | ug/l  | 99     |
| 20) Methylene Chloride        | 4.54 | 84   | 149221   | 49.170  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 5.03 | 96   | 137104   | 49.139  | ug/l  | 98     |
| 22) Diisopropyl ether         | 5.95 | 45   | 427878   | 50.339  | ug/l  | 98     |
| 23) Vinyl Acetate             | 5.89 | 43   | 1746095  | 260.857 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.84 | 63   | 245726   | 50.117  | ug/l  | 99     |
| 25) 2-Butanone                | 6.84 | 43   | 494176   | 265.522 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 182959   | 47.821  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.82 | 96   | 162616   | 49.583  | ug/l  | 98     |
| 28) Bromochloromethane        | 7.19 | 49   | 113738   | 49.053  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 305688   | 265.712 | ug/l  | 99     |
| 30) Chloroform                | 7.37 | 83   | 247881   | 50.257  | ug/l  | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 228599   | 46.775  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 7.56 | 97   | 202629   | 49.196  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 184948   | 48.991  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.93 | 43   | 184327   | 54.876  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 173148   | 49.748  | ug/l  | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 08 05:11:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 11:02:09 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 235673   | 50.114   | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 584598   | 50.986   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.17  | 41   | 92496    | 59.851   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 183389   | 49.723   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 288306   | 52.967   | ug/l # | 92       |
| 44) Trichloroethene            | 8.83  | 130  | 162723   | 49.389   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 154245   | 52.519   | ug/l   | 100      |
| 46) Dibromomethane             | 9.21  | 93   | 98585    | 51.332   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 177861   | 51.098   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 143655   | 53.947   | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 65362    | 1136.945 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 924567   | 271.625  | ug/l   | 100      |
| 52) Toluene                    | 10.15 | 92   | 369713   | 51.818   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 190634   | 46.871   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 221989   | 53.057   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 147740   | 52.275   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 223125   | 54.115   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 241743   | 52.617   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 410056   | 250.786  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 666344   | 270.100  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 145270   | 46.771   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 153241   | 53.038   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 165559   | 48.306   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 401233   | 50.918   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 140303   | 51.565   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 692522   | 50.541   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.62 | 106  | 536626   | 102.520  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 259580   | 50.415   | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 438824   | 53.641   | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 102311   | 45.074   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 690222   | 52.994   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 243182   | 49.790   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 206393   | 48.524   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 242124   | 71.817   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 185313   | 47.240   | ug/l   | 96       |
| 78) n-propylbenzene            | 12.59 | 91   | 757380   | 48.861   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 453258   | 52.851   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 577798   | 46.902   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 51019    | 50.395   | ug/l   | 91       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 448431   | 49.449   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 503771   | 52.861   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 571852   | 48.950   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 663639   | 48.345   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 606368   | 49.357   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 307562   | 50.658   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 297588   | 50.954   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 471607   | 51.820   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 88398    | 47.712   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 302110   | 49.286   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 31206    | 51.295   | ug/l   | 96       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Jun 08 05:11:41 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 04 11:02:09 2019  
Response via : Initial Calibration

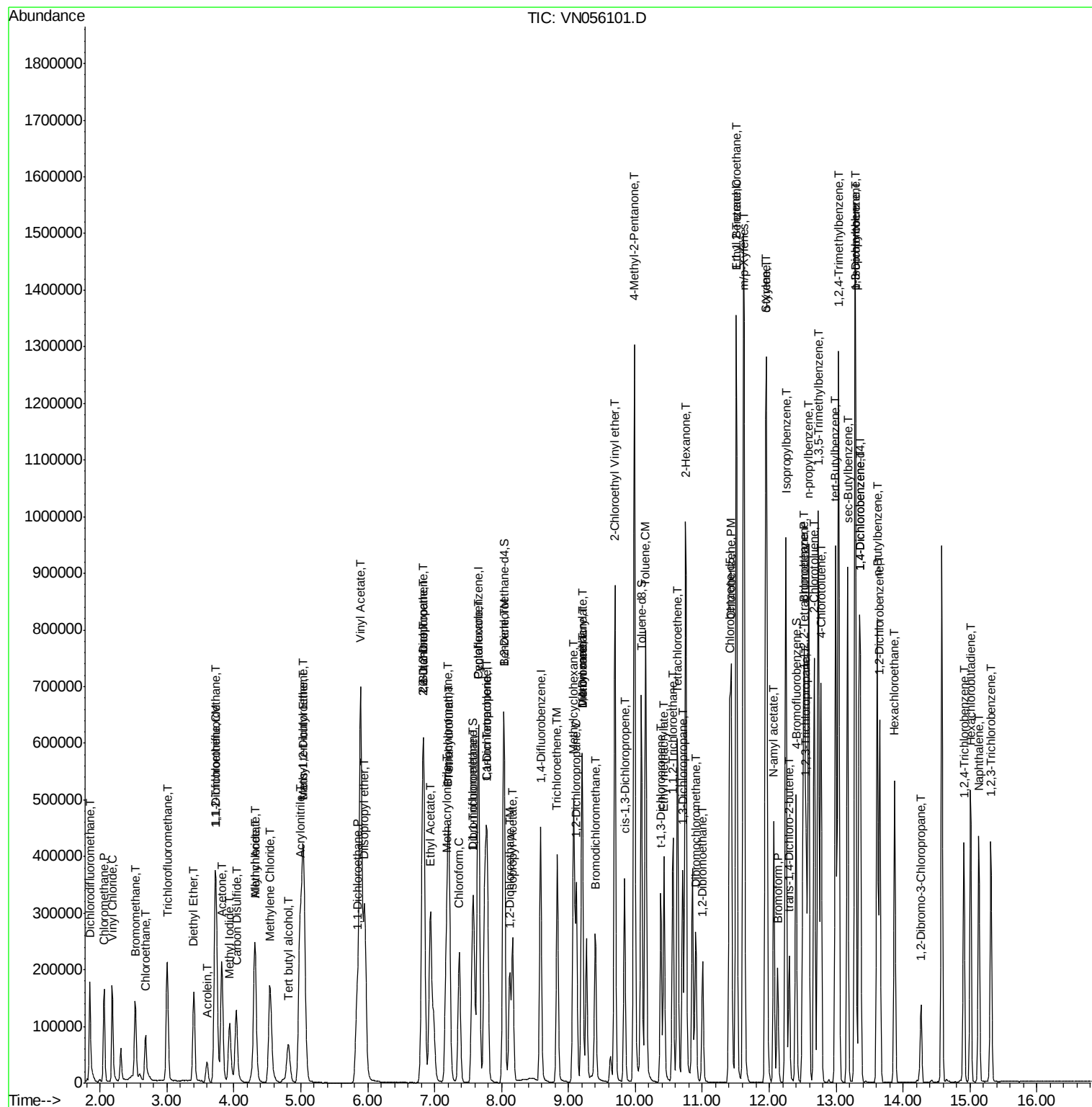
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 152251   | 45.494 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 114488   | 54.651 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 394058   | 45.353 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 162325   | 47.327 | ug/l  | 100      |

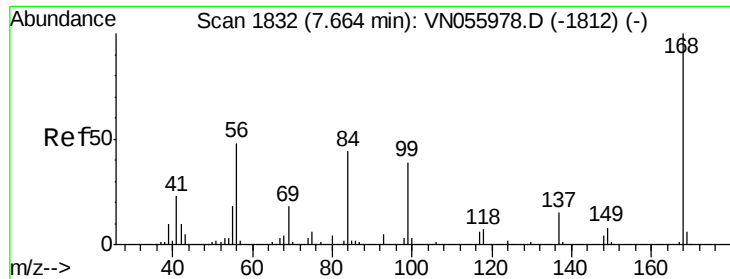
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\  
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 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

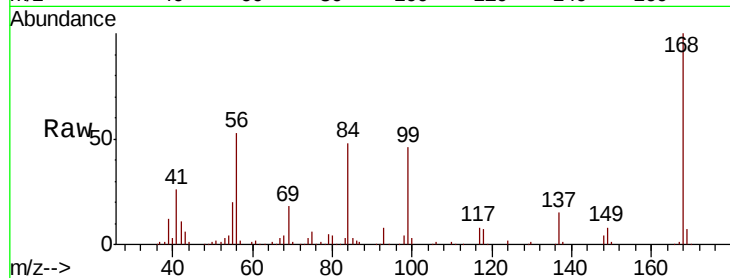
VSTDCCC050

Tot Ion:168 Resp: 310193

Ion Ratio Lower Upper

168 100

99 45.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

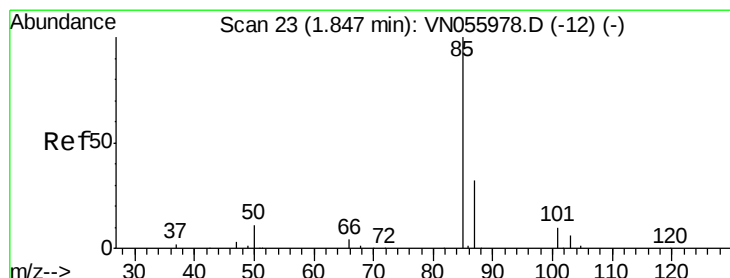
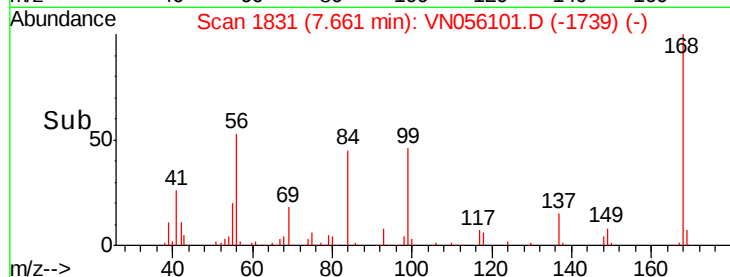
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50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.792 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056101.D

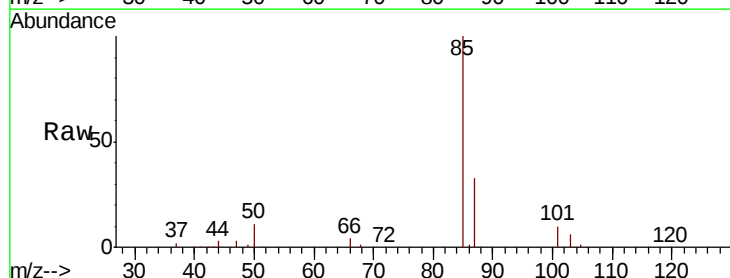
Acq: 7 Jun 2019 16:18

Tgt Ion: 85 Resp: 162812

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

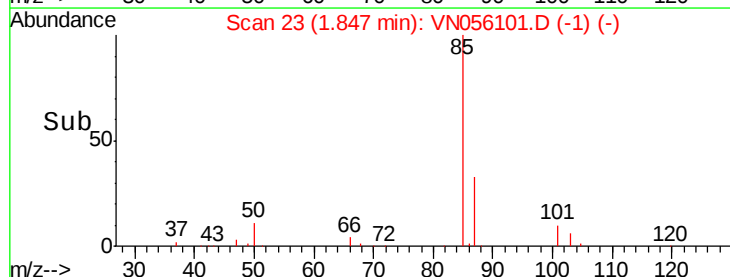
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Time-->

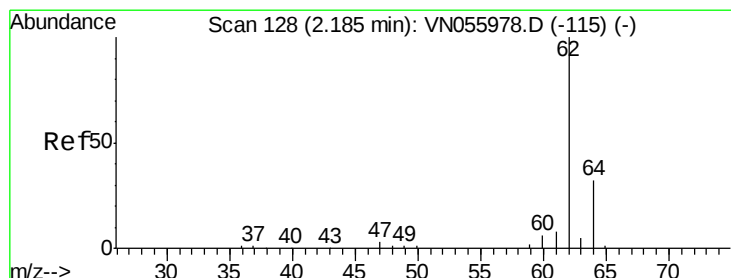
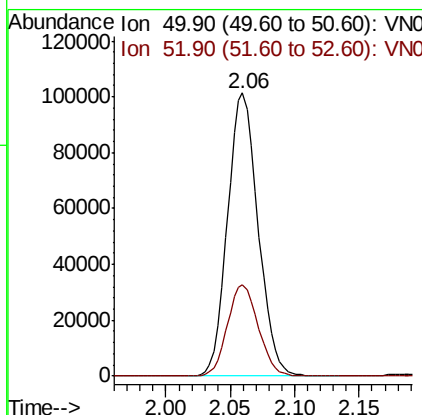
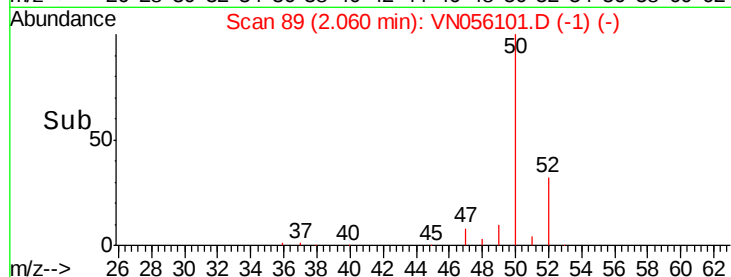
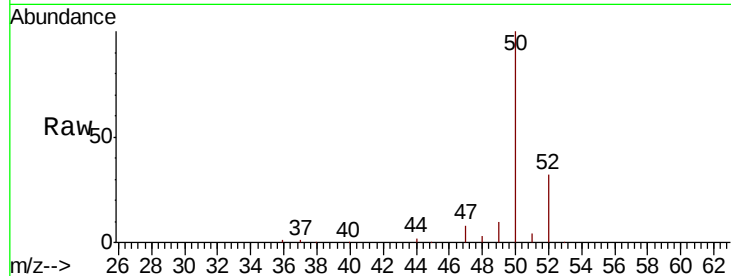




#3  
 Chloromethane  
 Concen: 49.501 ug/l  
 RT: 2.06 min Scan# 89  
 Delta R.T. 0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

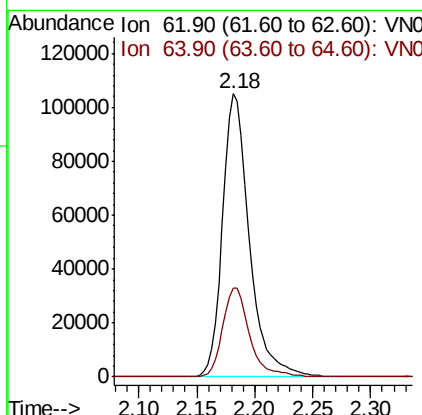
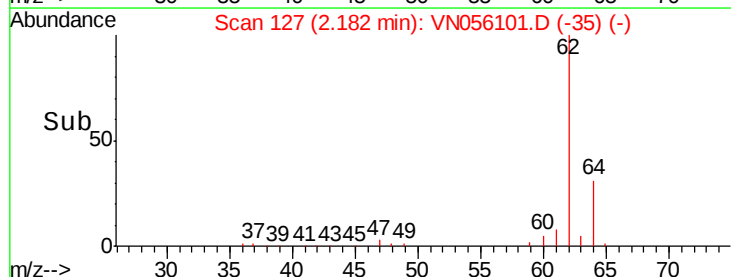
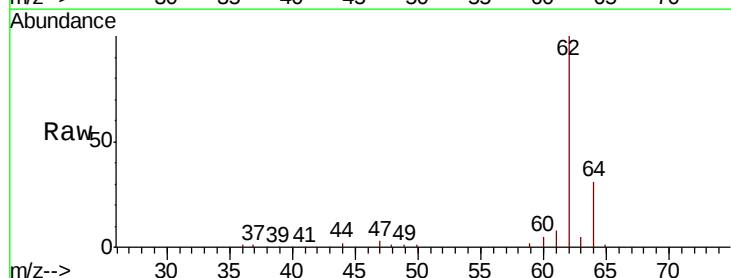
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

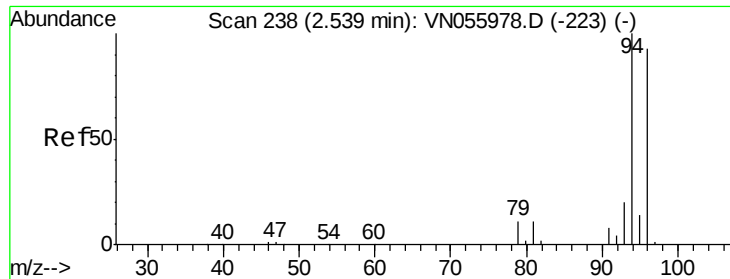
Tot Ion: 50 Resp: 166449  
 Ion Ratio Lower Upper  
 50 100  
 52 32.3 26.6 40.0



#4  
 Vinyl Chloride  
 Concen: 49.780 ug/l  
 RT: 2.18 min Scan# 127  
 Delta R.T. -0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

Tgt Ion: 62 Resp: 167903  
 Ion Ratio Lower Upper  
 62 100  
 64 31.4 25.6 38.4

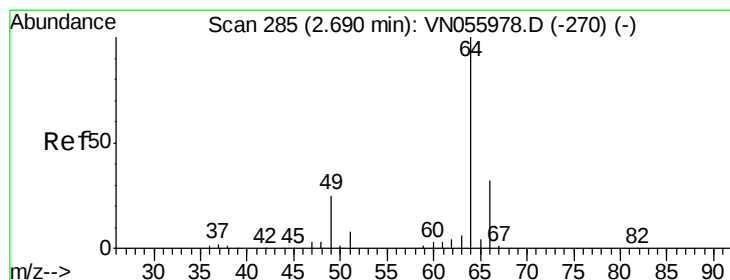
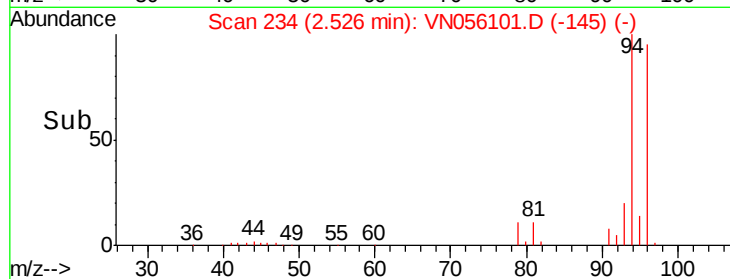
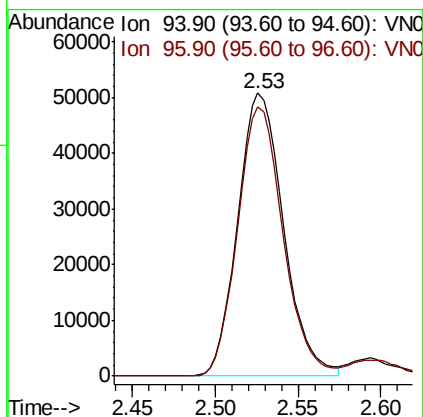
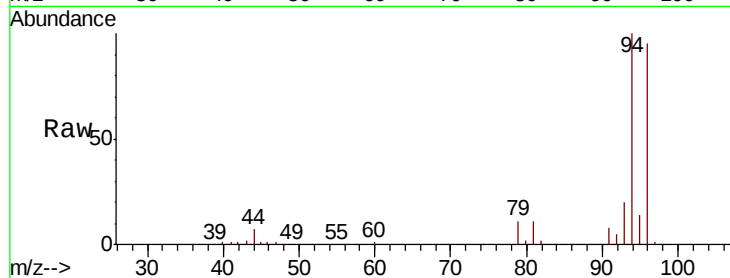




#5  
Bromomethane  
Concen: 45.937 ug/l  
RT: 2.53 min Scan# 234  
Delta R.T. -0.01 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

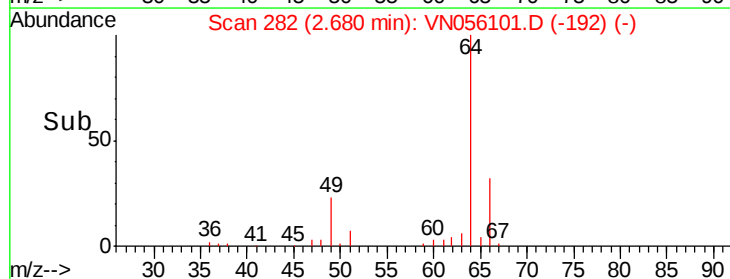
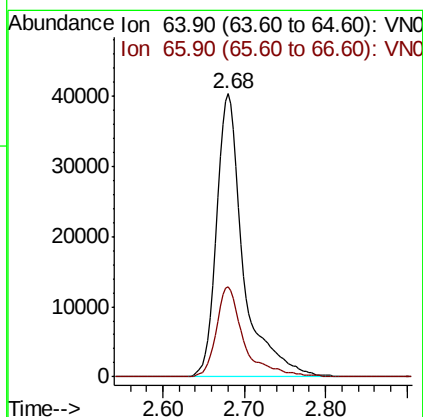
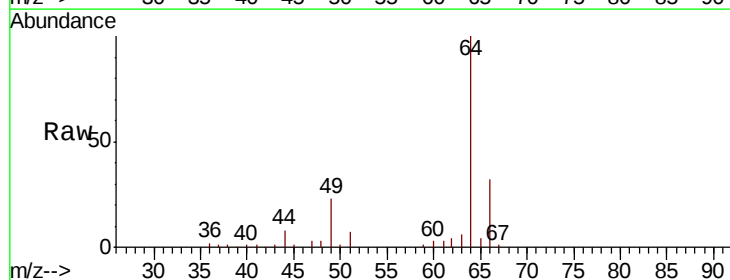
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

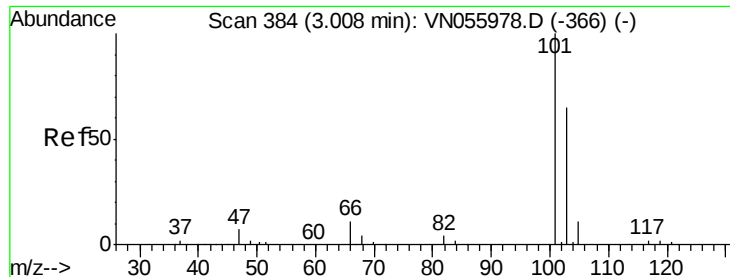
Tot Ion: 94 Resp: 97876  
Ion Ratio Lower Upper  
94 100  
96 95.2 75.5 113.3



#6  
Chloroethane  
Concen: 47.856 ug/l  
RT: 2.68 min Scan# 282  
Delta R.T. -0.01 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion: 64 Resp: 93587  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.4 38.0



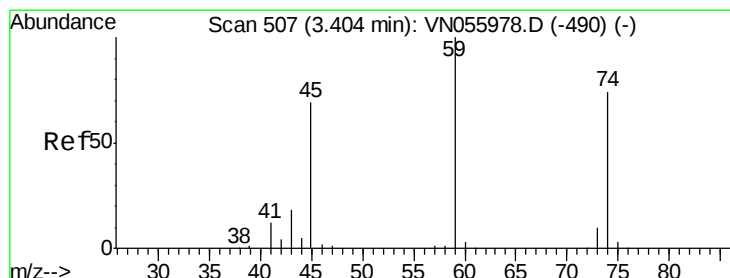
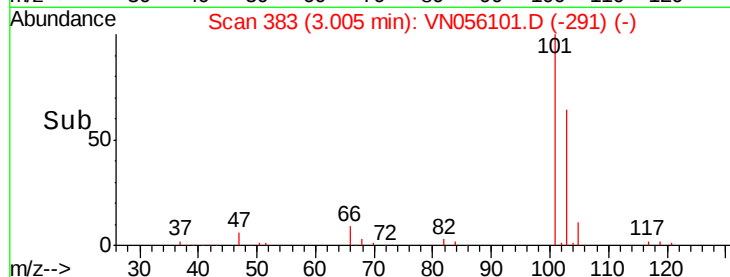
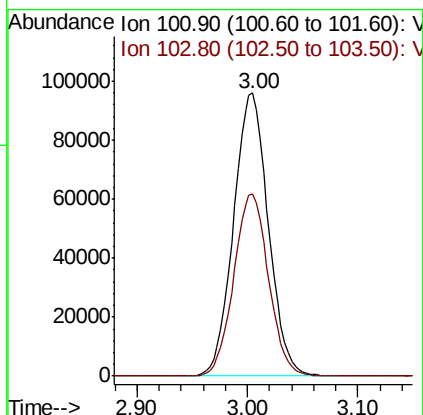
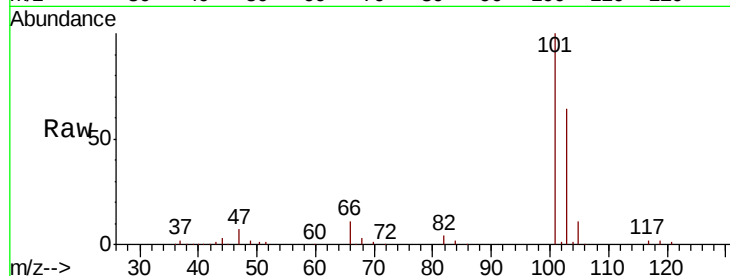


#7

Trichlorofluoromethane  
 Concen: 48.583 ug/l  
 RT: 3.00 min Scan# 383  
 Delta R.T. -0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

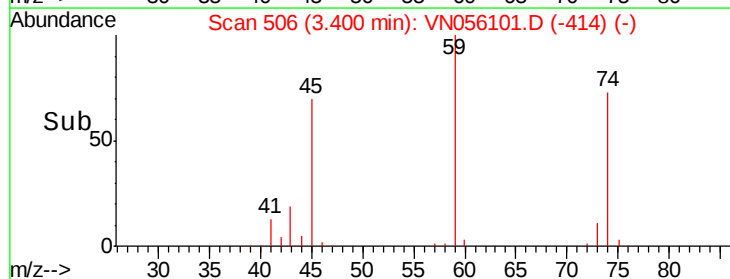
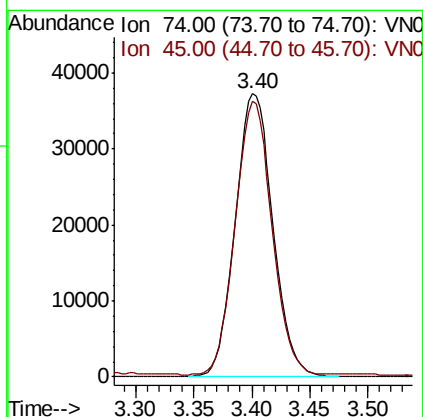
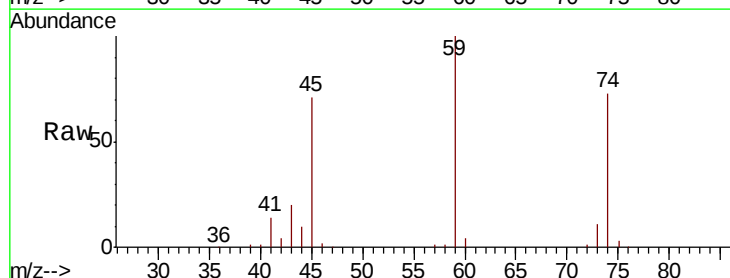
Tot Ion:101 Resp: 209193  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 51.2 76.8

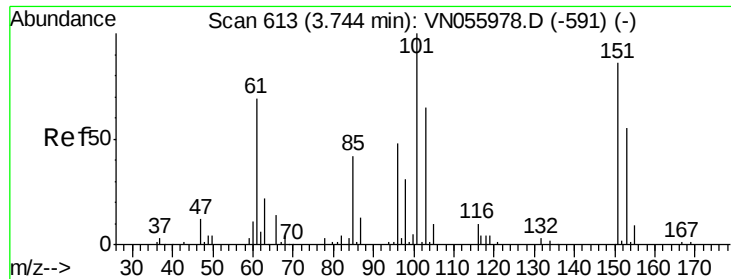


#8

Diethyl Ether  
 Concen: 47.279 ug/l  
 RT: 3.40 min Scan# 506  
 Delta R.T. -0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

Tgt Ion: 74 Resp: 83718  
 Ion Ratio Lower Upper  
 74 100  
 45 94.0 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.486 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

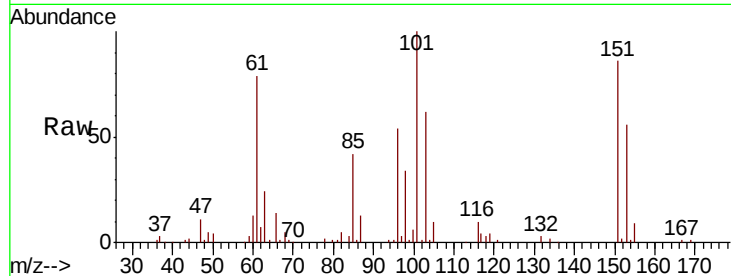
Tot Ion:101 Resp: 137283

Ion Ratio Lower Upper

101 100

85 40.8 33.4 50.2

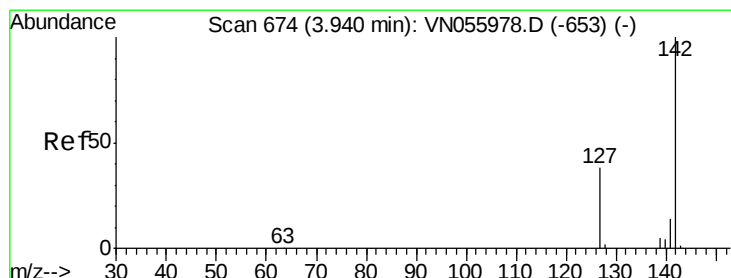
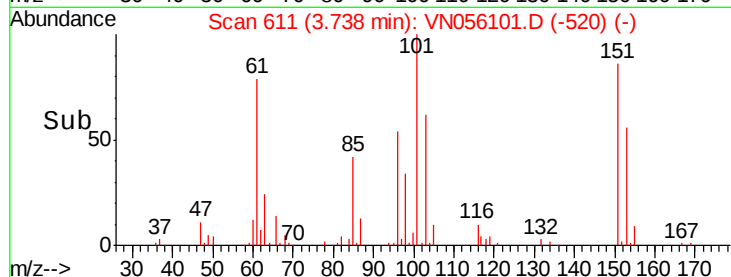
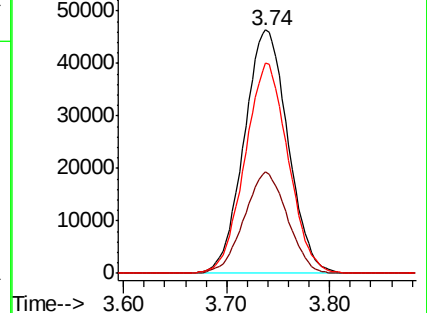
151 84.9 69.4 104.2



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: 45.502 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

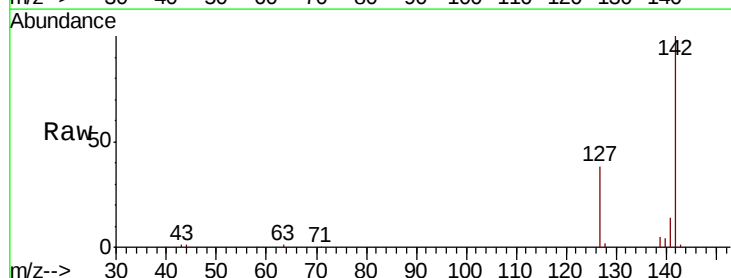
Tgt Ion:142 Resp: 189134

Ion Ratio Lower Upper

142 100

127 37.6 31.0 46.4

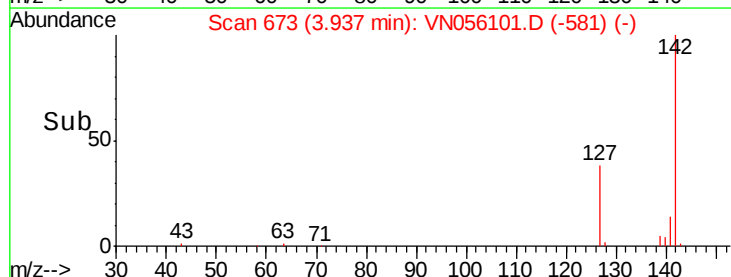
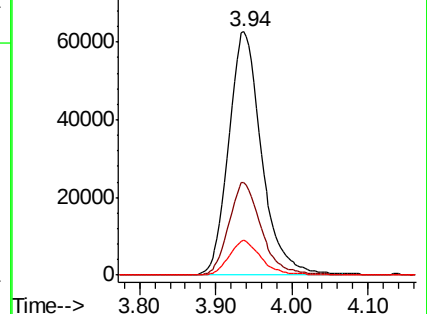
141 13.5 11.4 17.0



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



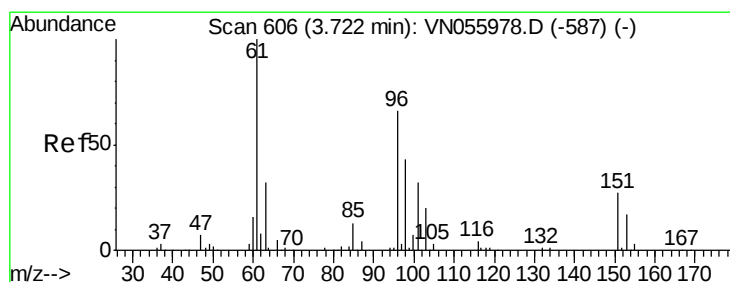
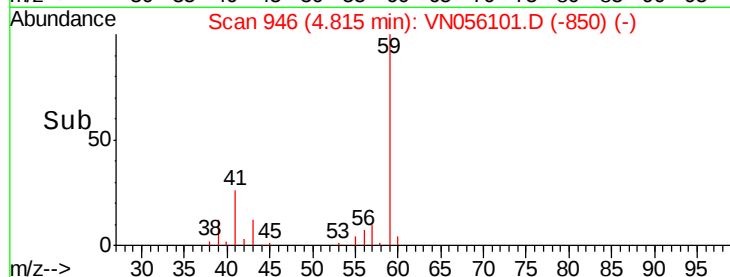
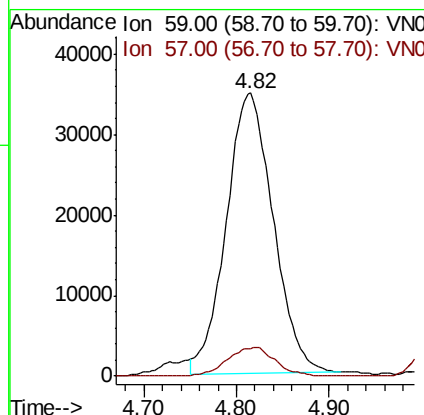
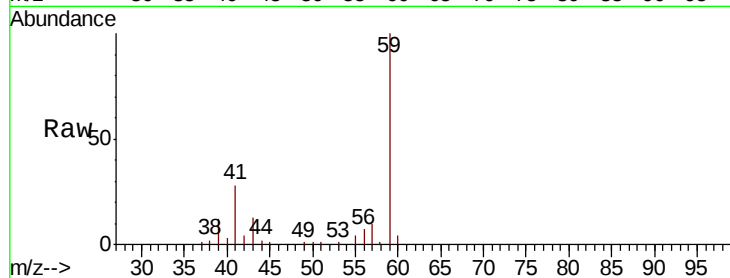


#11

Tert butyl alcohol  
 Concen: 229.182 ug/l  
 RT: 4.82 min Scan# 946  
 Delta R.T. 0.01 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

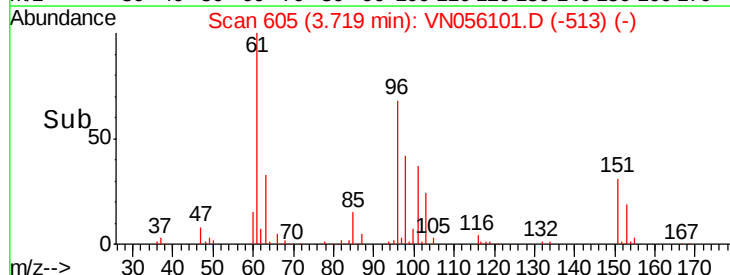
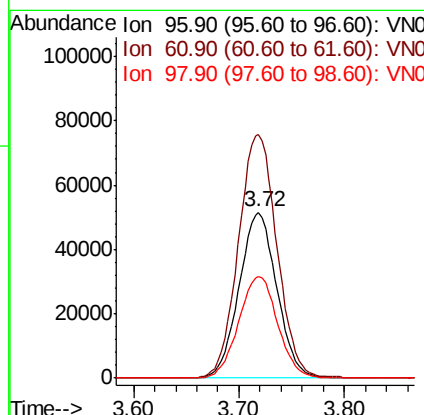
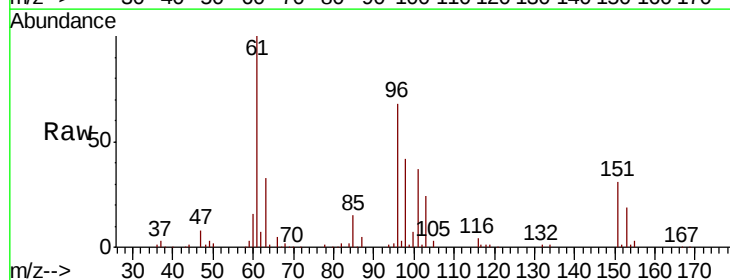
Tot Ion: 59 Resp: 122837  
 Ion Ratio Lower Upper  
 59 100  
 57 10.5 7.8 11.6

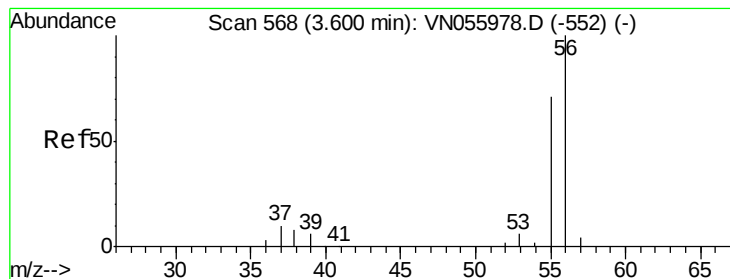


#12

1,1-Dichloroethene  
 Concen: 49.128 ug/l  
 RT: 3.72 min Scan# 605  
 Delta R.T. -0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

Tgt Ion: 96 Resp: 127932  
 Ion Ratio Lower Upper  
 96 100  
 61 147.1 123.2 184.8  
 98 61.5 50.4 75.6





#13

Acrolein

Concen: 259.942 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

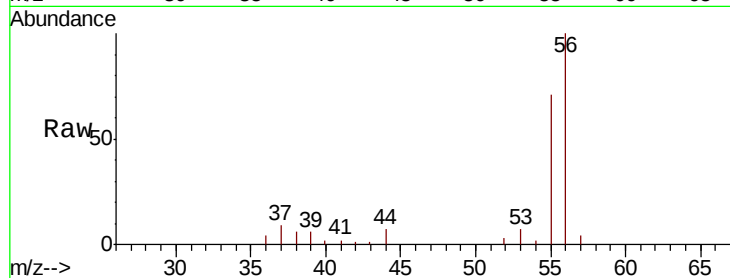
VSTDCCC050

Tot Ion: 56 Resp: 40182

Ion Ratio Lower Upper

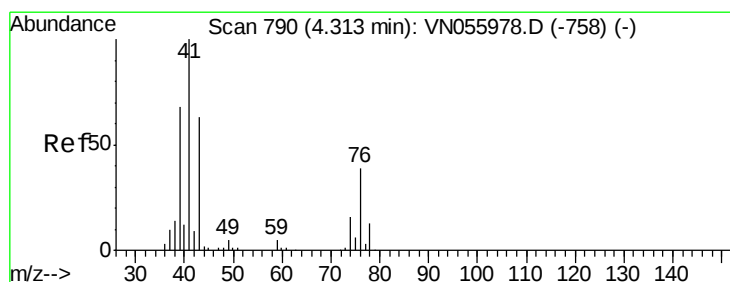
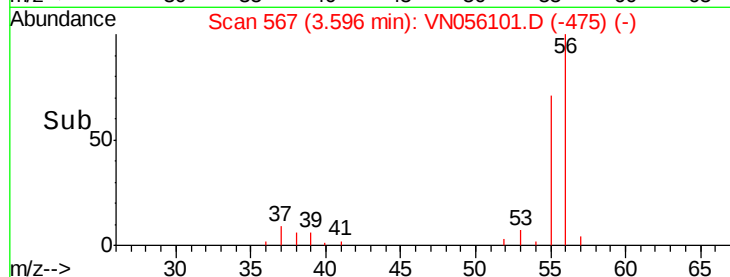
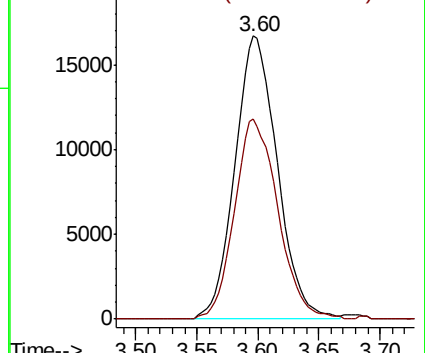
56 100

55 72.5 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.340 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

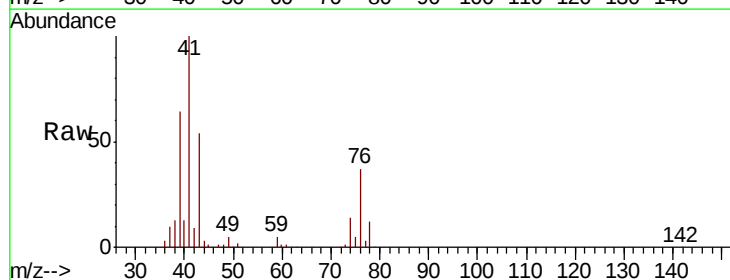
Tgt Ion: 41 Resp: 202881

Ion Ratio Lower Upper

41 100

39 61.9 50.0 75.0

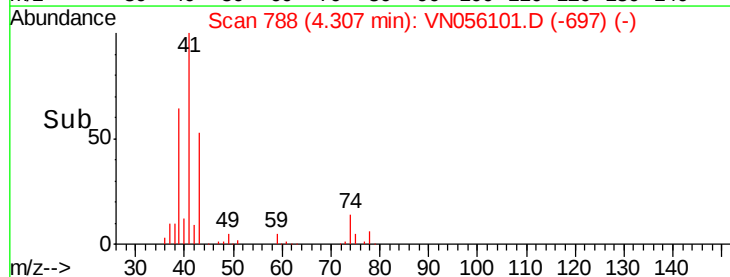
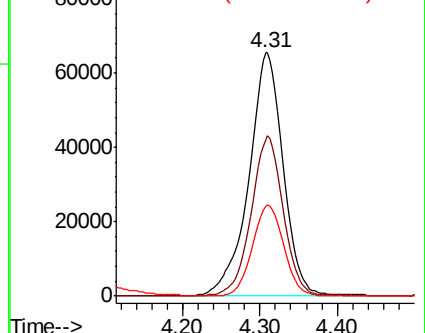
76 34.2 28.2 42.2

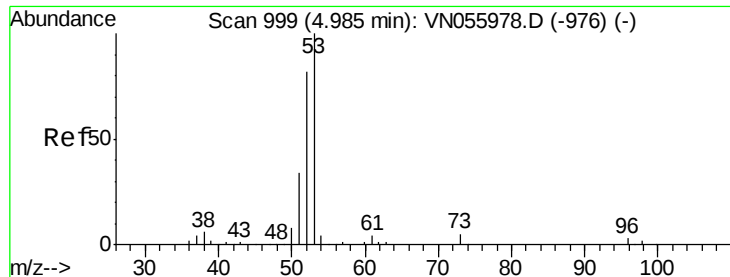


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 272.514 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

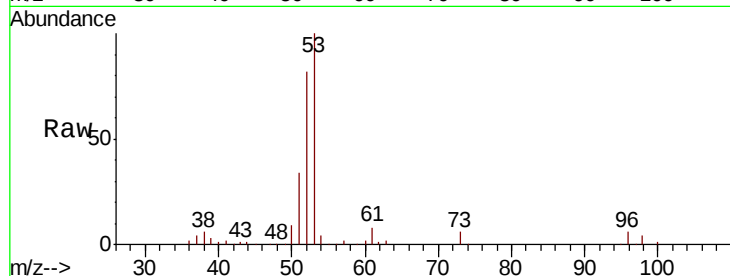
Tot Ion: 53 Resp: 355556

Ion Ratio Lower Upper

53 100

52 81.4 65.8 98.8

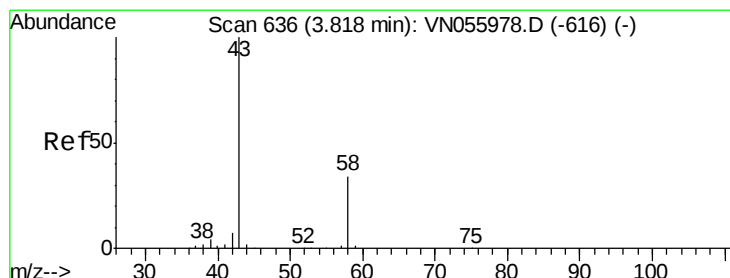
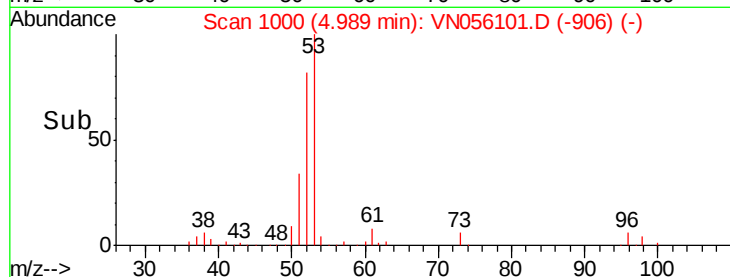
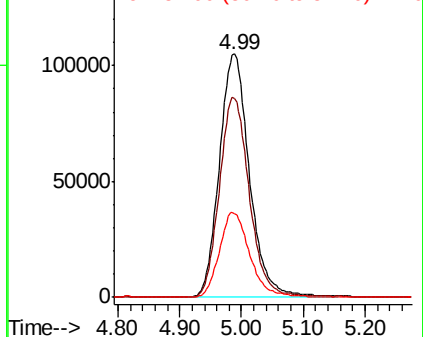
51 35.2 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 241.643 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056101.D

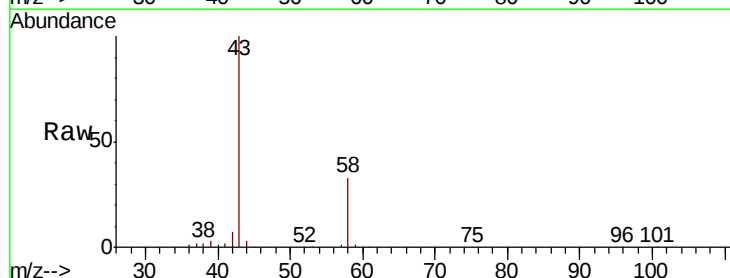
Acq: 7 Jun 2019 16:18

Tgt Ion: 43 Resp: 355951

Ion Ratio Lower Upper

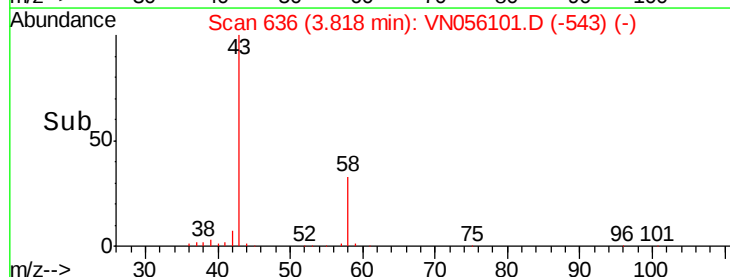
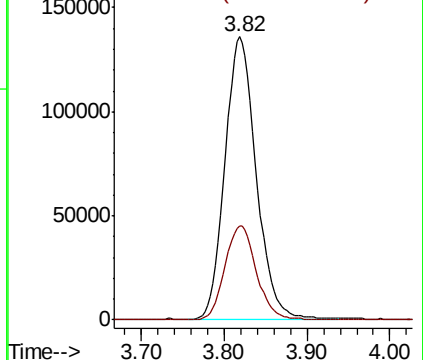
43 100

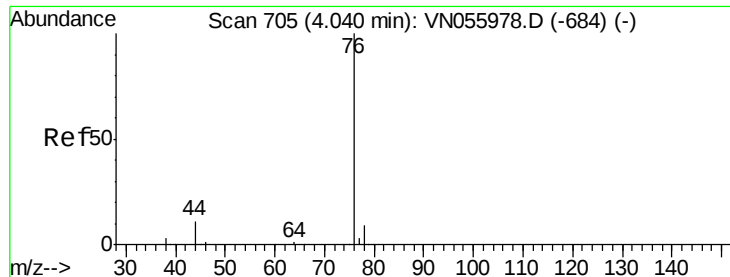
58 33.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

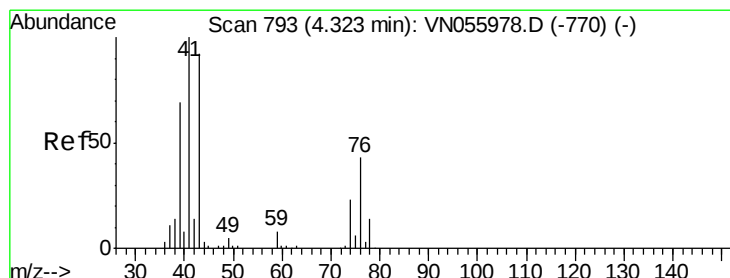
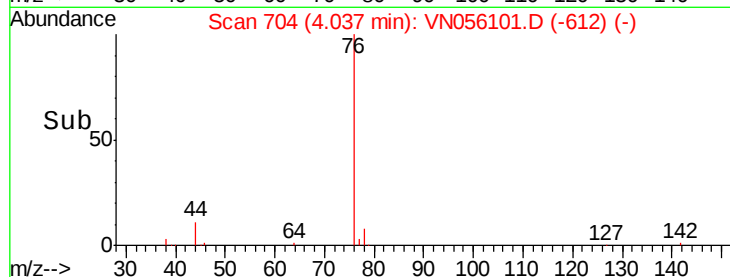
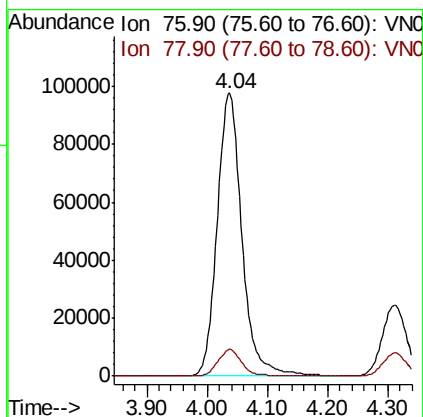
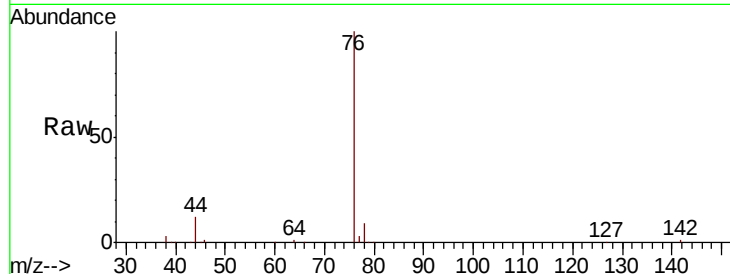




#17  
Carbon Disulfide  
Concen: 44.297 ug/l  
RT: 4.04 min Scan# 704  
Delta R.T. -0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

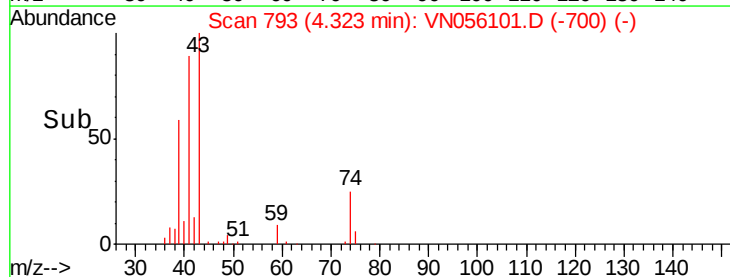
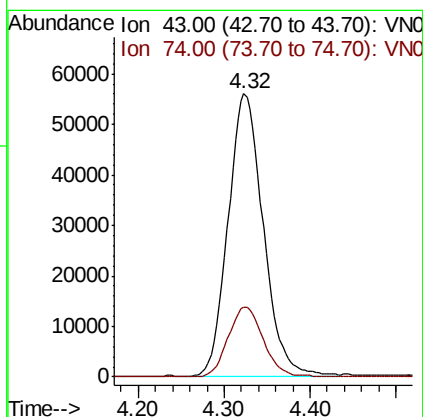
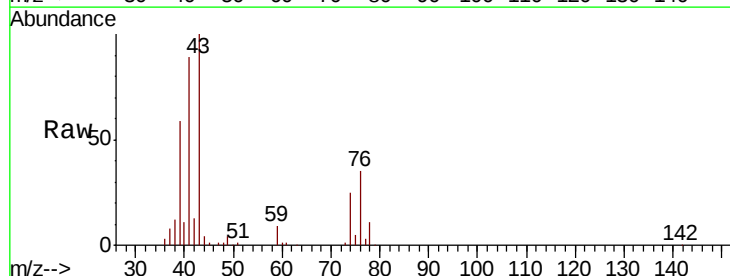
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

Tot Ion: 76 Resp: 276193  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.2



#18  
Methyl Acetate  
Concen: 54.703 ug/l  
RT: 4.32 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion: 43 Resp: 158124  
Ion Ratio Lower Upper  
43 100  
74 24.9 19.3 28.9

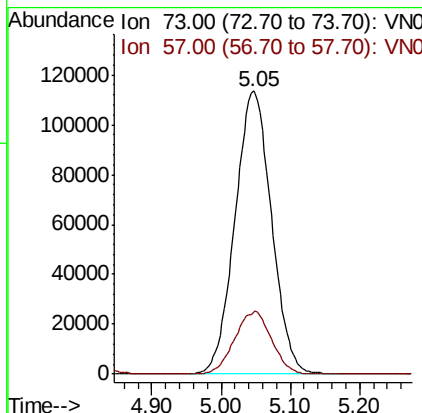
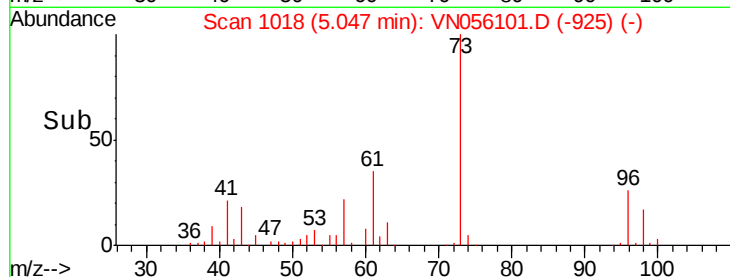
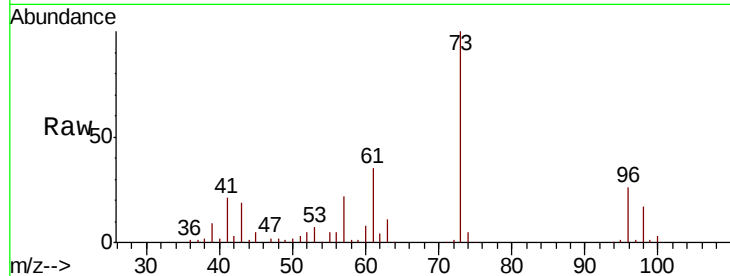




#19  
Methvl tert-butvl Ether  
Concen: 50.150 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

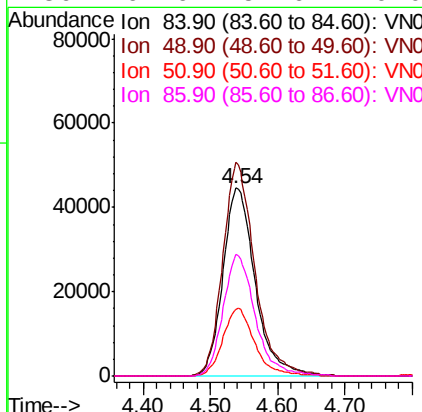
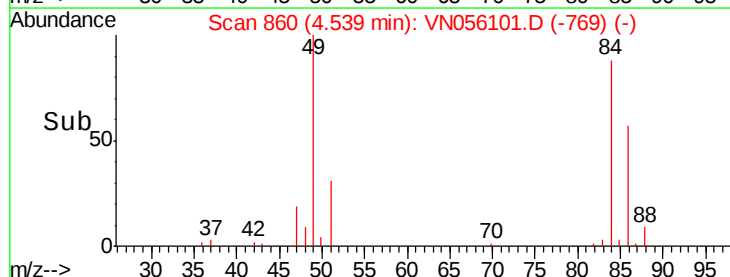
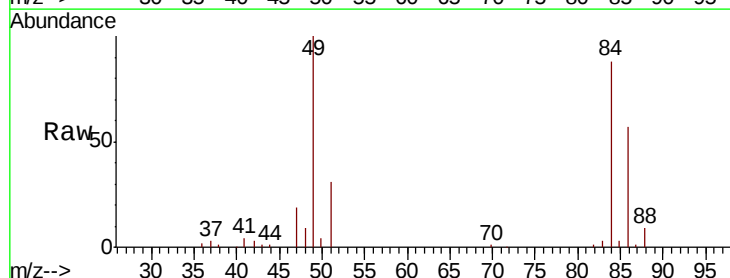
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

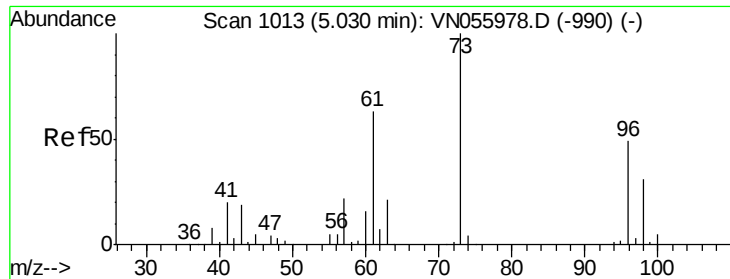
Tot Ion: 73 Resp: 416267  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.8 26.8



#20  
Methylene Chloride  
Concen: 49.170 ug/l  
RT: 4.54 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion: 84 Resp: 149221  
Ion Ratio Lower Upper  
84 100  
49 113.8 93.5 140.3  
51 35.7 28.6 43.0  
86 64.6 52.6 79.0

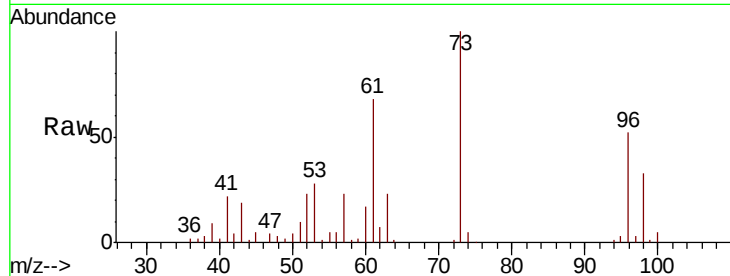




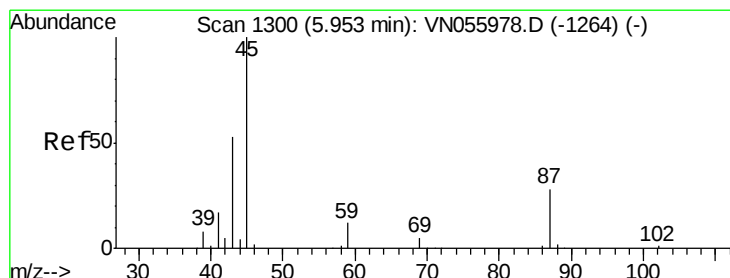
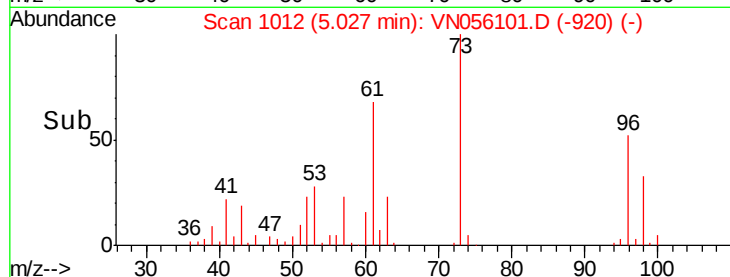
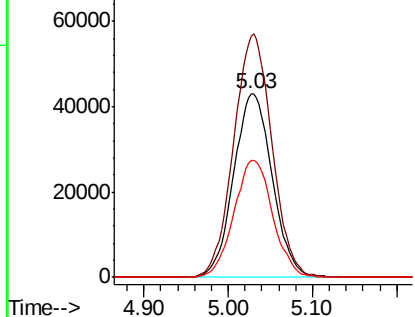
#21  
trans-1,2-Dichloroethene  
Concen: 49.139 ug/l  
RT: 5.03 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 96 Resp: 137104  
Ion Ratio Lower Upper  
96 100  
61 131.4 107.8 161.8  
98 63.6 49.8 74.8

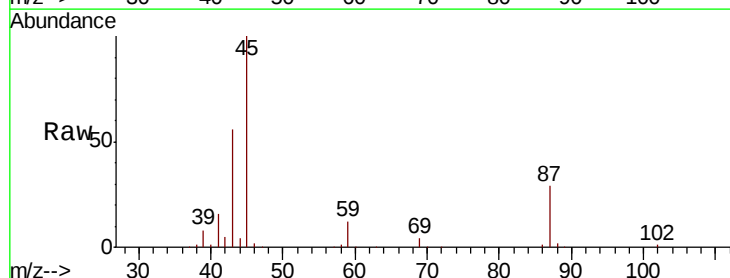


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

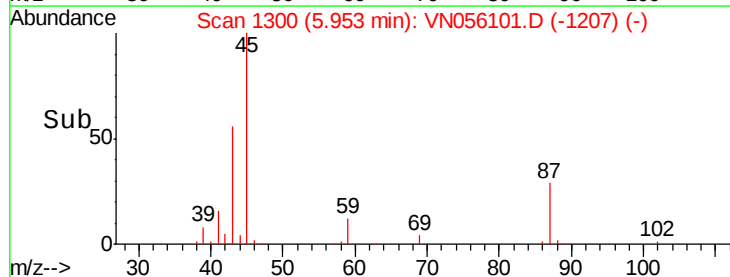
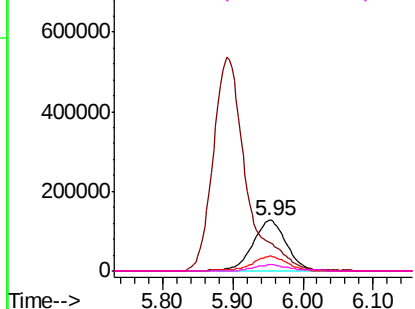


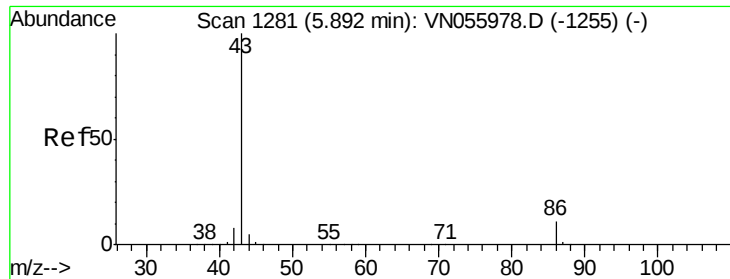
#22  
Diisopropyl ether  
Concen: 50.339 ug/l  
RT: 5.95 min Scan# 1300  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion: 45 Resp: 427878  
Ion Ratio Lower Upper  
45 100  
43 54.4 45.0 67.6  
87 29.0 22.2 33.4  
59 12.0 9.1 13.7



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





#23

Vinyl Acetate

Concen: 260.857 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

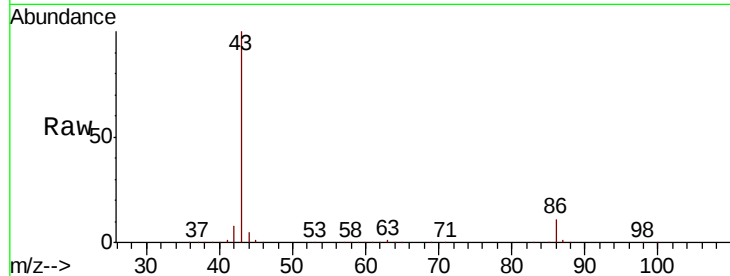
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 1746095

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.89

600000

500000

400000

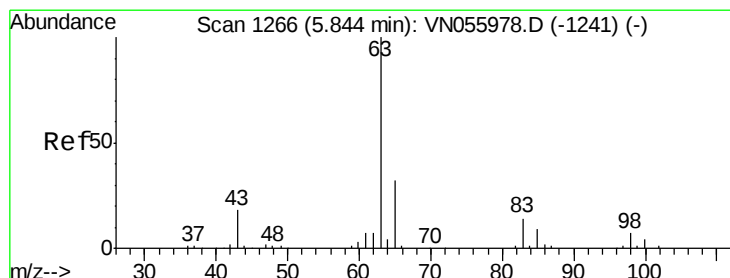
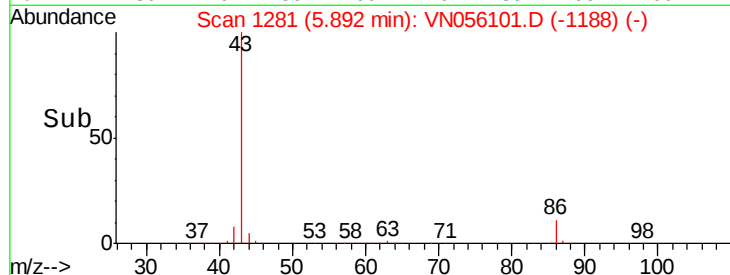
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 50.117 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

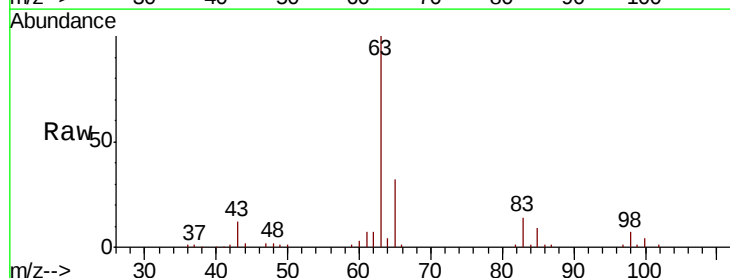
Tgt Ion: 63 Resp: 245726

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

100000

80000

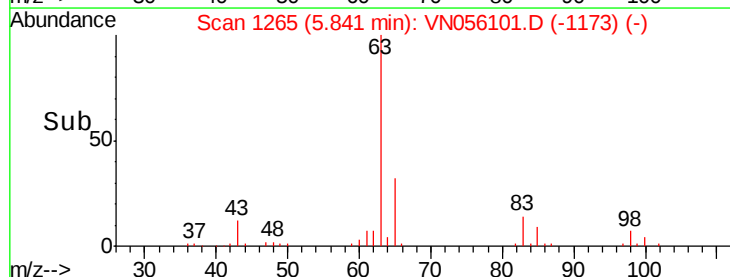
60000

40000

20000

0

Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 265.522 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

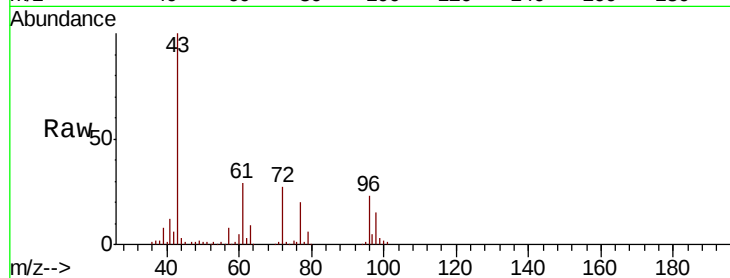
VSTDCCC050

Tot Ion: 43 Resp: 494176

Ion Ratio Lower Upper

43 100

72 27.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN055978.D (-1551) (-)

6.84

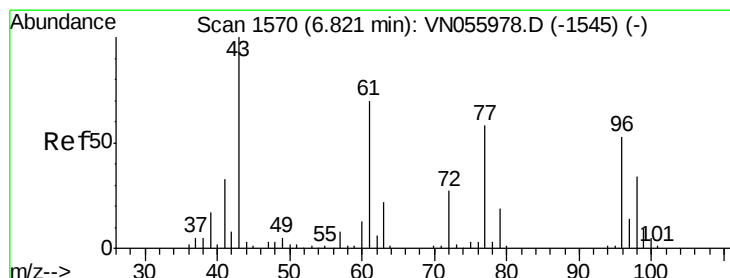
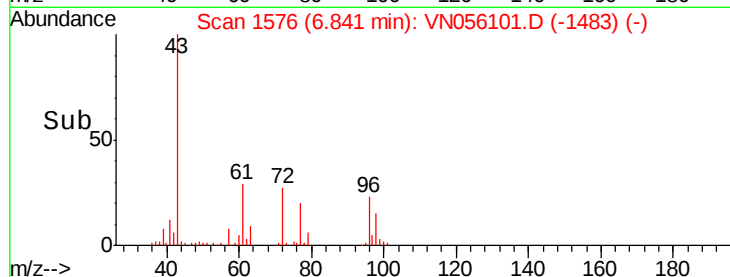
150000

100000

50000

0

Time--> 6.70 6.75 6.80 6.85 6.90



#26

2,2-Dichloropropane

Concen: 47.821 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN056101.D

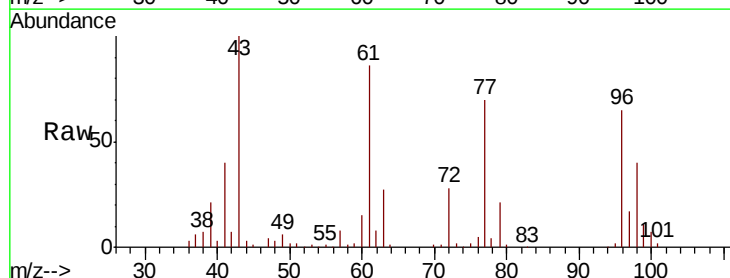
Acq: 7 Jun 2019 16:18

Tgt Ion: 77 Resp: 182959

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN055978.D (-1545) (-)

Ion 96.90 (96.60 to 97.60): VN055978.D (-1545) (-)

6.82

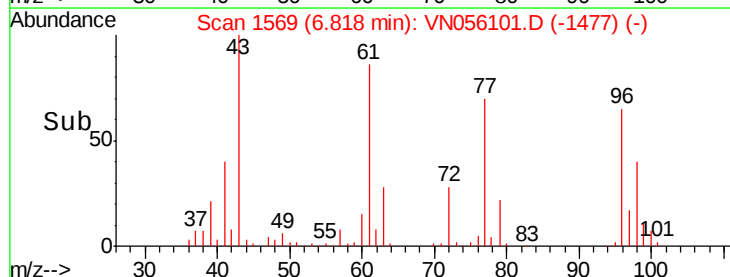
60000

40000

20000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 49.583 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

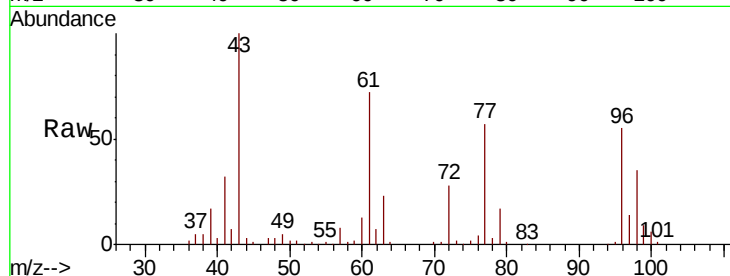
Tot Ion: 96 Resp: 162616

Ion Ratio Lower Upper

96 100

61 134.3 0.0 275.8

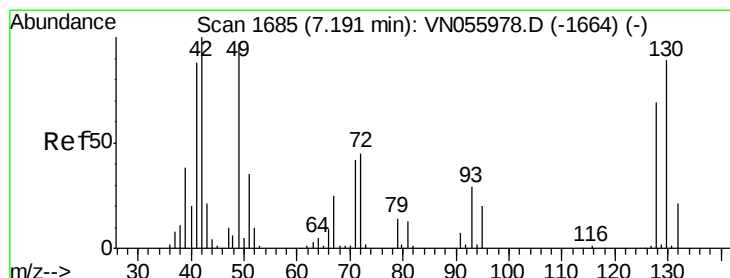
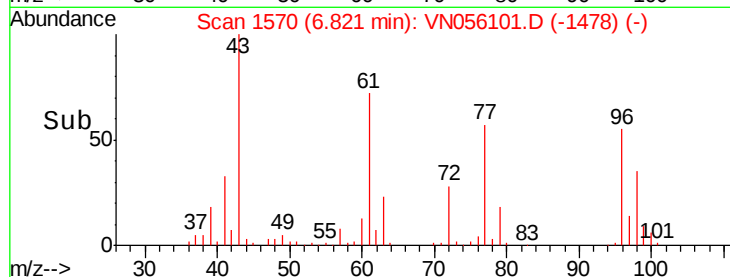
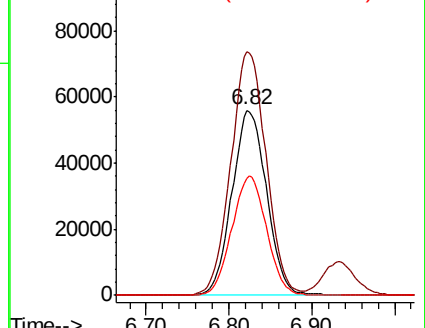
98 64.5 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1550) (-)



#28

Bromochloromethane

Concen: 49.053 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

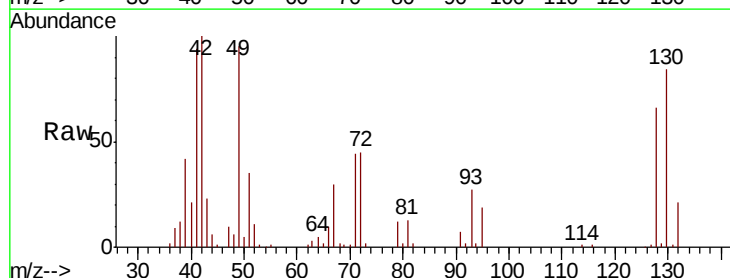
Tgt Ion: 49 Resp: 113738

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

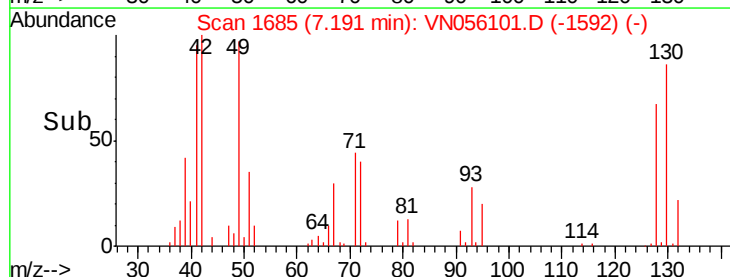
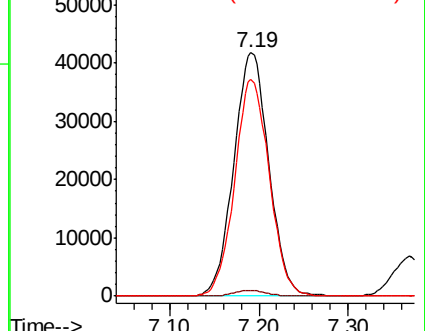
130 87.9 71.2 106.8

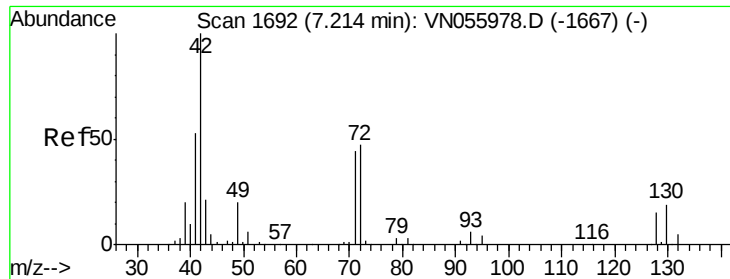


Abundance Ion 48.90 (48.60 to 49.60): VN055978.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN055978.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN055978.D (-1664) (-)

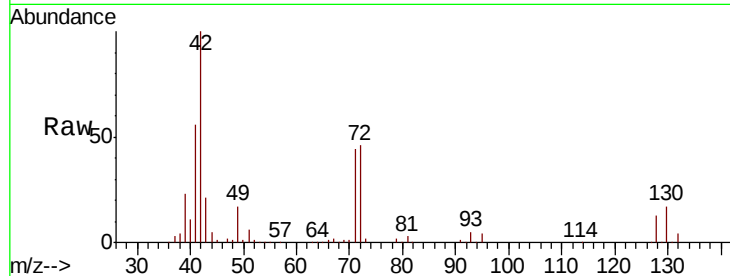




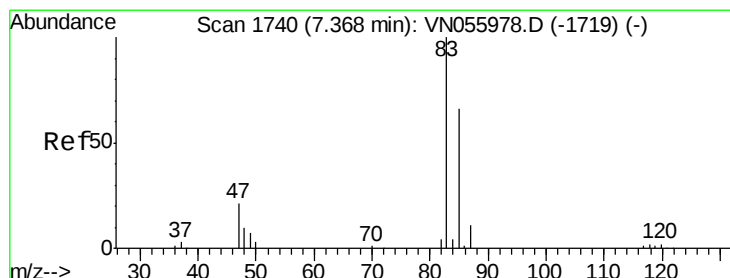
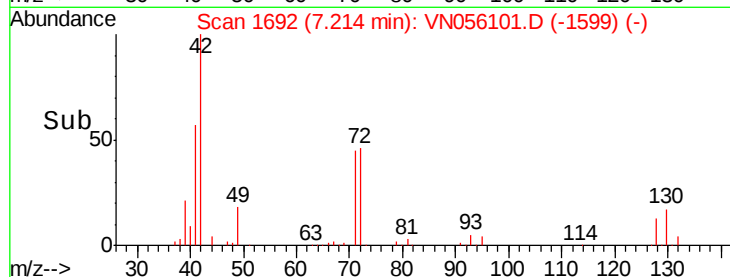
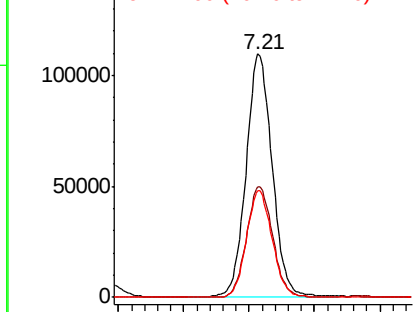
#29  
Tetrahydrofuran  
Concen: 265.712 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 42 Resp: 305688  
Ion Ratio Lower Upper  
42 100  
72 45.3 35.9 53.9  
71 43.0 34.0 51.0

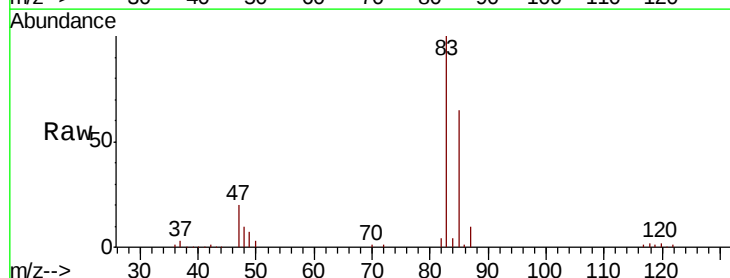


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

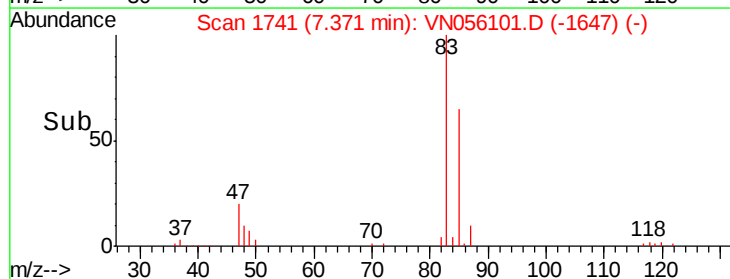
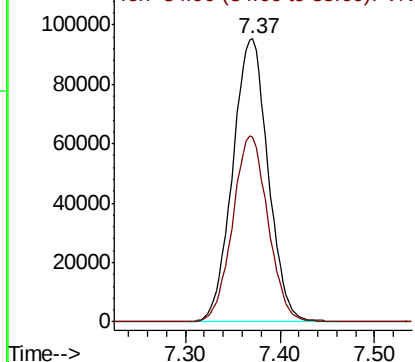


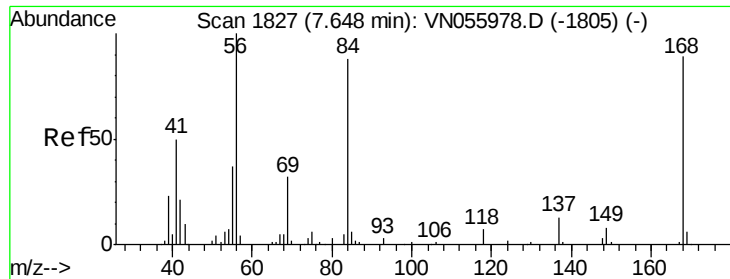
#30  
Chloroform  
Concen: 50.257 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion: 83 Resp: 247881  
Ion Ratio Lower Upper  
83 100  
85 65.3 51.8 77.8



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

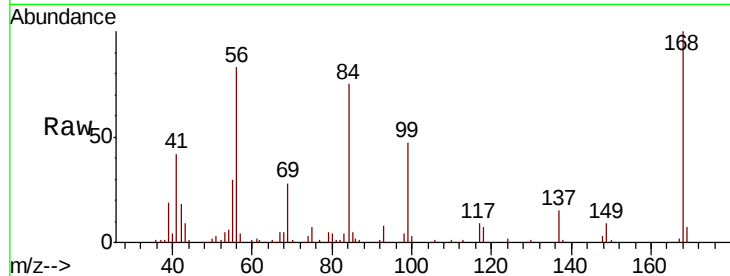




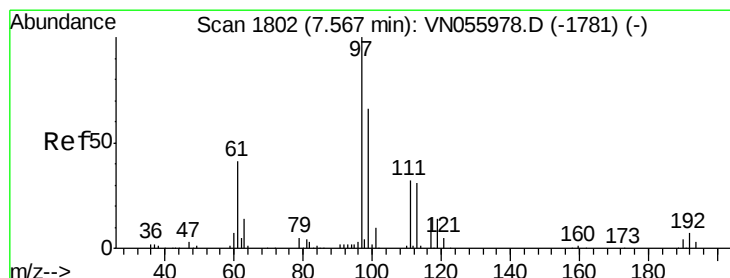
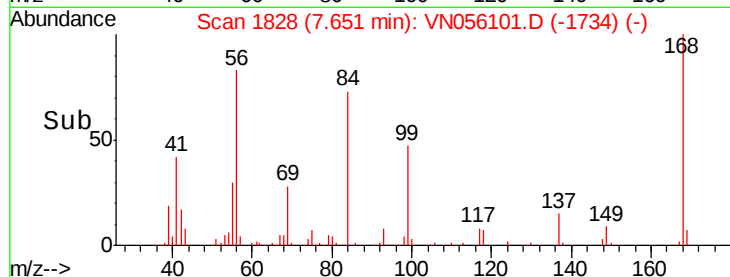
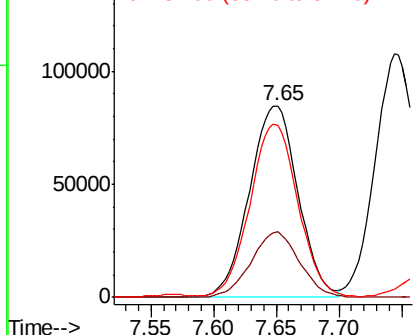
#31  
Cyclohexane  
Concen: 46.775 ug/l  
RT: 7.65 min Scan# 1828  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 56 Resp: 228599  
Ion Ratio Lower Upper  
56 100  
69 34.1 25.6 38.4  
84 88.4 67.4 101.0

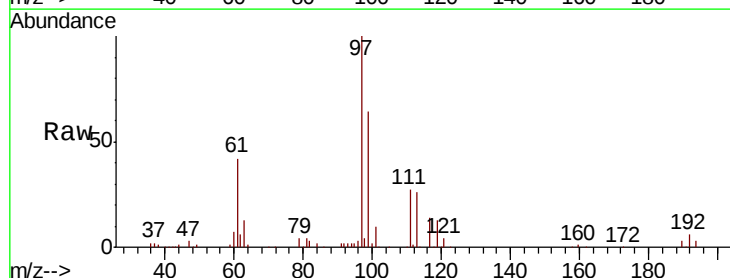


Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 69.00 (68.70 to 69.70): VNO  
Ion 84.00 (83.70 to 84.70): VNO

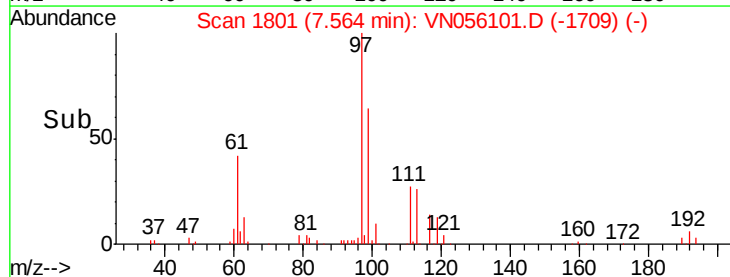
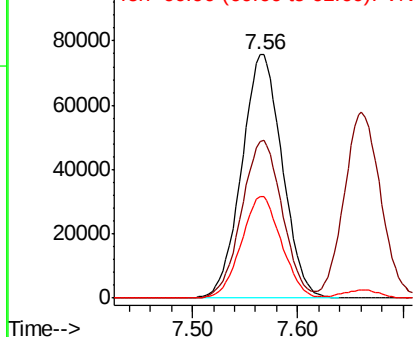


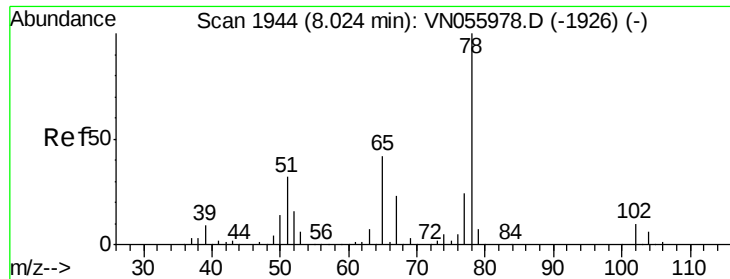
#32  
1,1,1-Trichloroethane  
Concen: 49.196 ug/l  
RT: 7.56 min Scan# 1801  
Delta R.T. -0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion: 97 Resp: 202629  
Ion Ratio Lower Upper  
97 100  
99 64.9 52.0 78.0  
61 41.4 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VNO  
Ion 98.90 (98.60 to 99.60): VNO  
Ion 60.90 (60.60 to 61.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 48.699 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

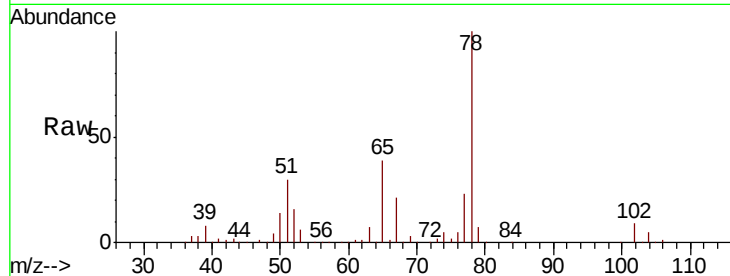
VSTDCCC050

Tot Ion: 65 Resp: 149991

Ion Ratio Lower Upper

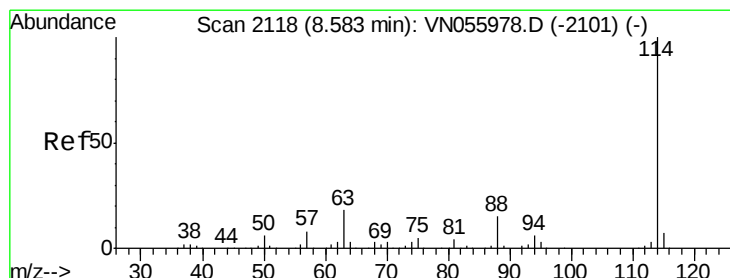
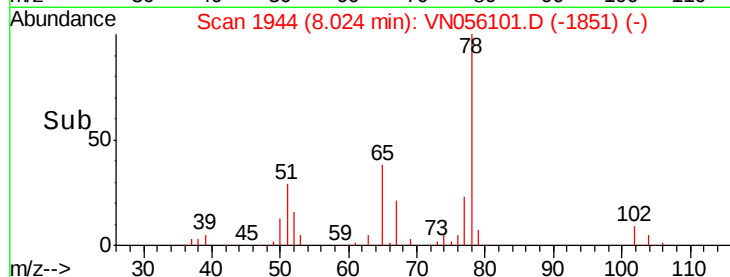
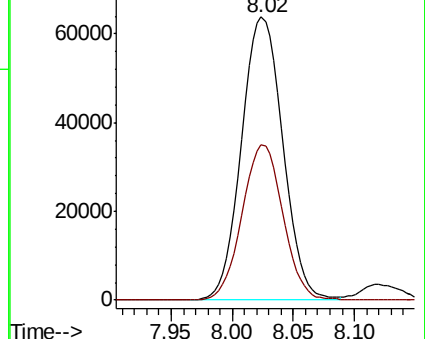
65 100

67 54.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

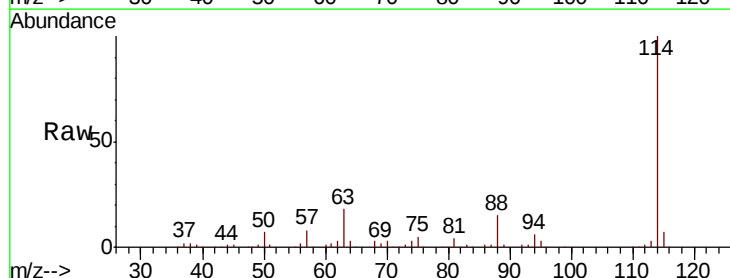
Tgt Ion: 114 Resp: 439041

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.2

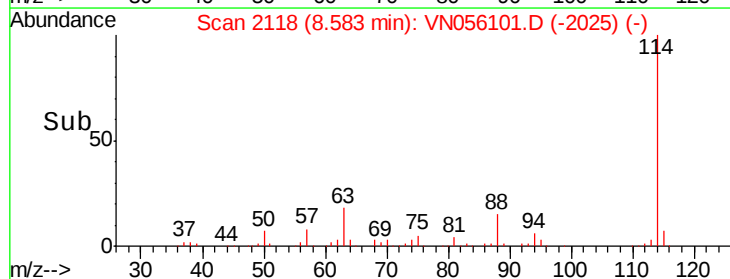
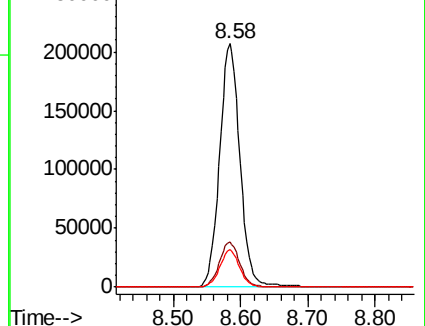
88 15.2 0.0 31.0

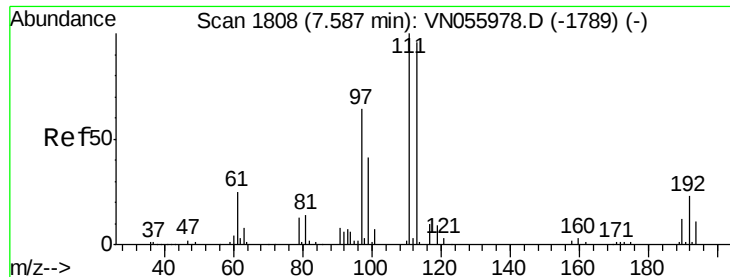


Abundance Ion 113.90 (113.60 to 114.60): VN055978.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055978.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055978.D (-2101) (-)

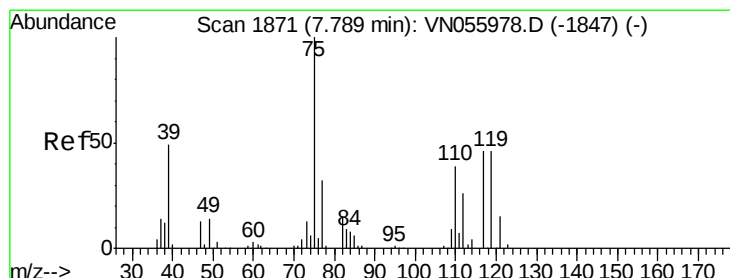
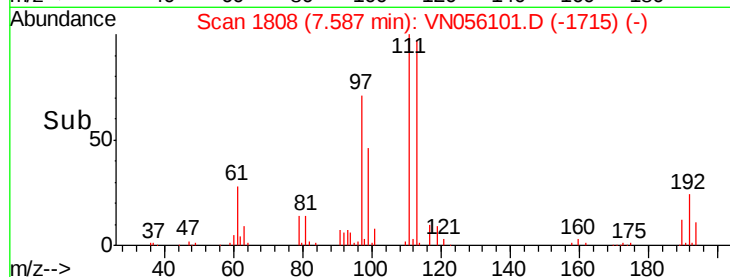
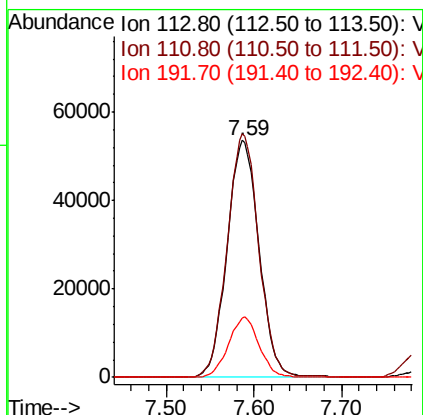
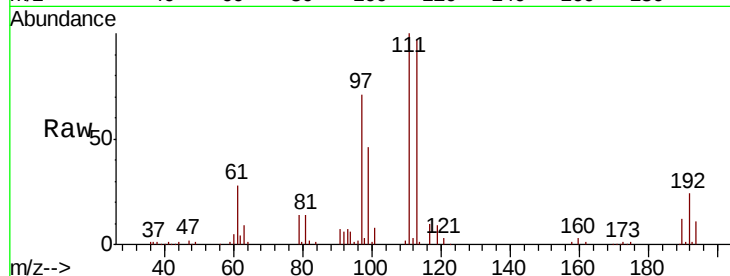




#35  
 Dibromofluoromethane  
 Concen: 50.487 ug/l  
 RT: 7.59 min Scan# 1808  
 Delta R.T. 0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

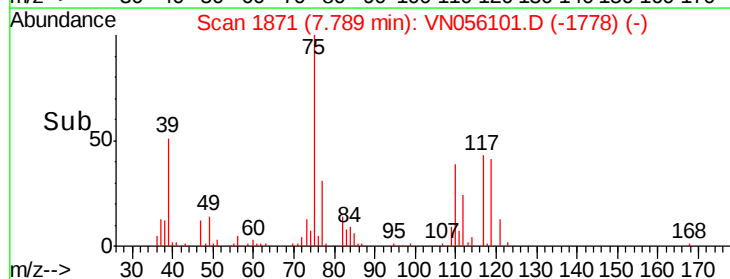
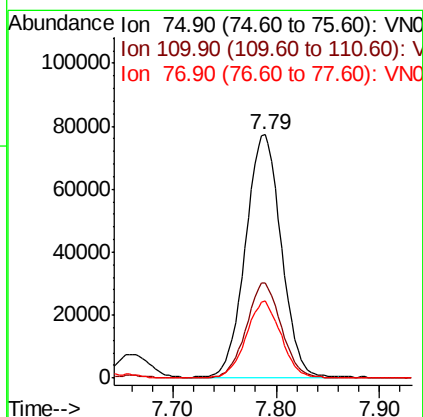
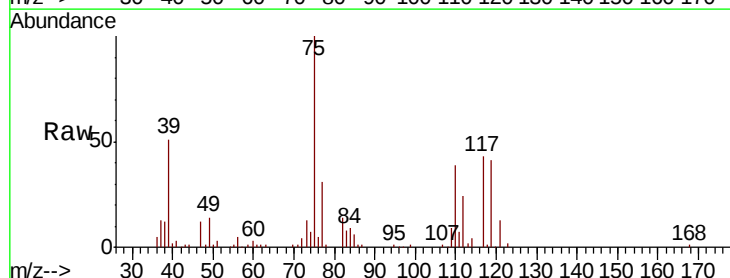
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

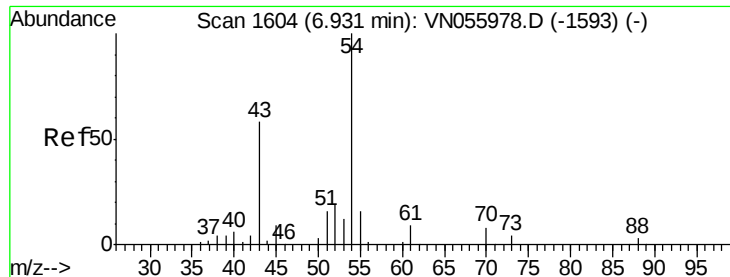
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.3 | 81.9  | 122.9 |
| 192     | 24.1  | 19.5  | 29.3  |



#36  
 1,1-Dichloropropene  
 Concen: 48.991 ug/l  
 RT: 7.79 min Scan# 1871  
 Delta R.T. 0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.6  | 19.0  | 57.0  |
| 77      | 31.2  | 25.1  | 37.7  |

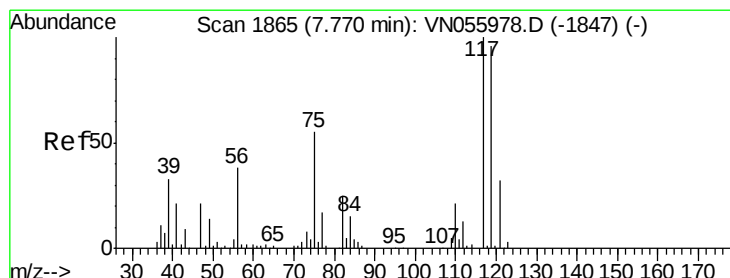
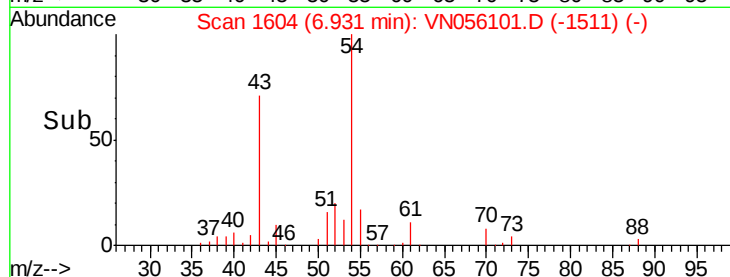
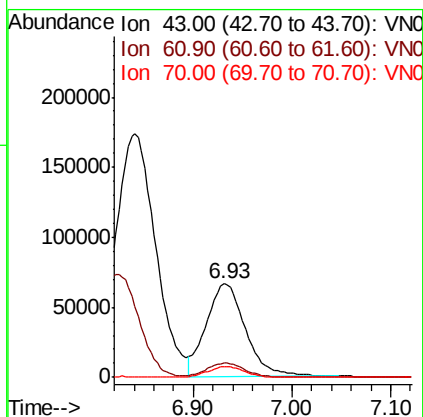
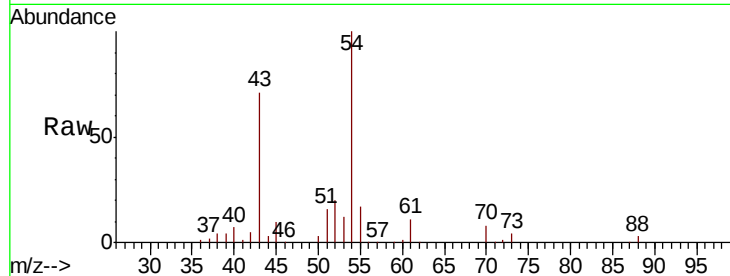




#37  
Ethyl Acetate  
Concen: 54.876 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

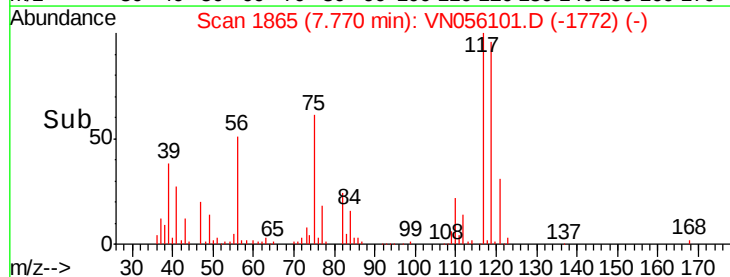
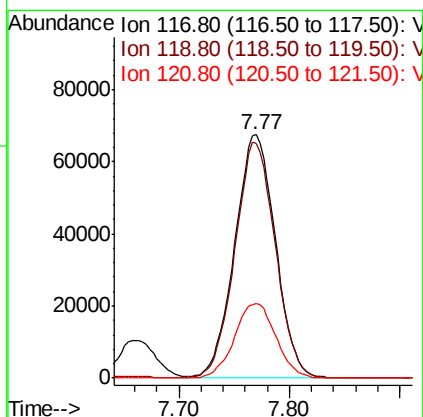
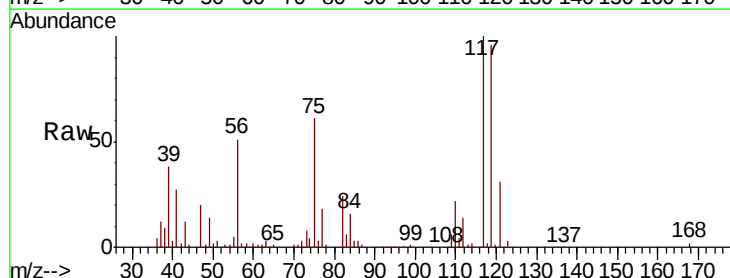
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

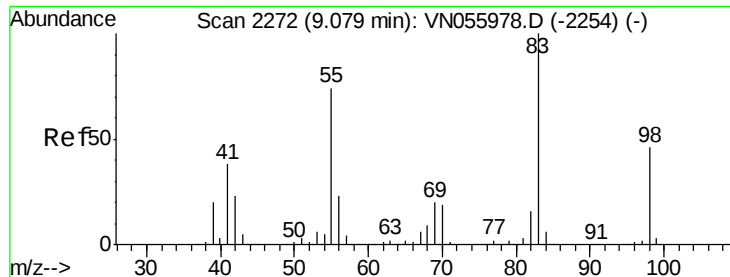
Tot Ion: 43 Resp: 184327  
Ion Ratio Lower Upper  
43 100  
61 15.4 12.2 18.2  
70 11.1 8.9 13.3



#38  
Carbon Tetrachloride  
Concen: 49.748 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion: 117 Resp: 173148  
Ion Ratio Lower Upper  
117 100  
119 96.2 79.0 118.6  
121 30.5 24.7 37.1

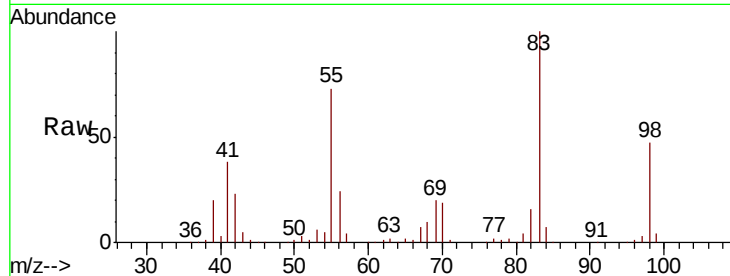




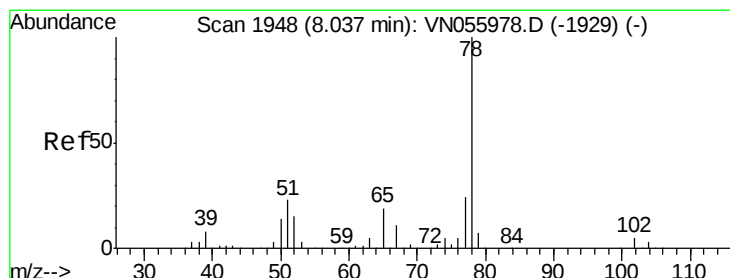
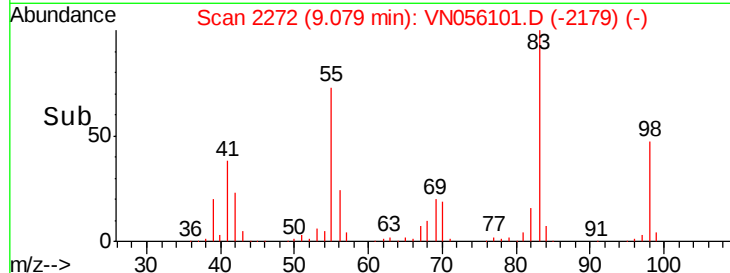
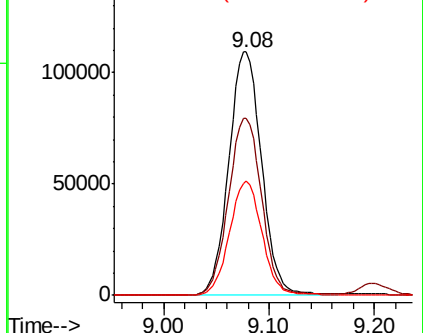
#39  
Methvlcvclohexane  
Concen: 50.114 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 83 Resp: 235673  
Ion Ratio Lower Upper  
83 100  
55 72.8 59.3 88.9  
98 46.9 36.6 54.8

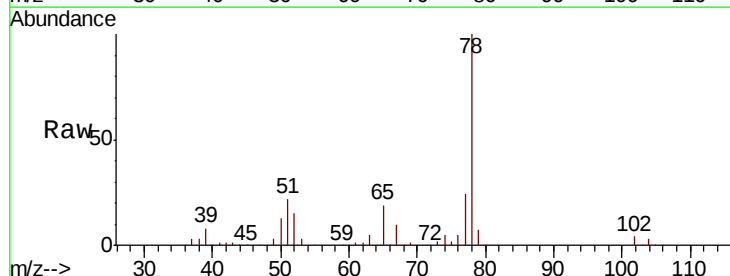


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

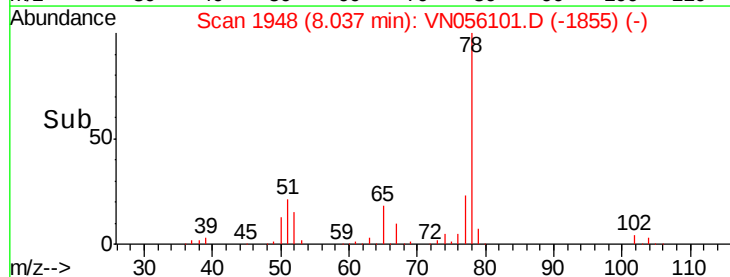
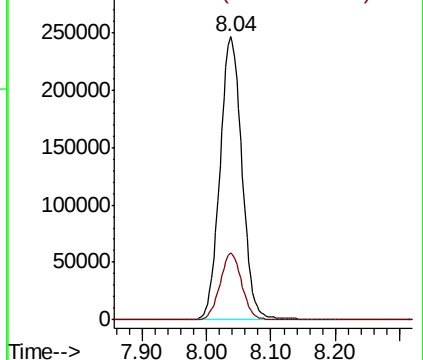


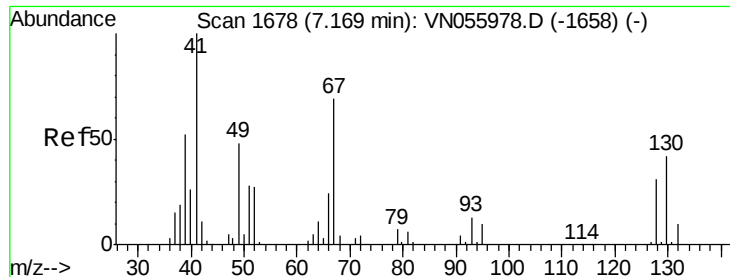
#40  
Benzene  
Concen: 50.986 ug/l  
RT: 8.04 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion: 78 Resp: 584598  
Ion Ratio Lower Upper  
78 100  
77 23.7 18.8 28.2



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

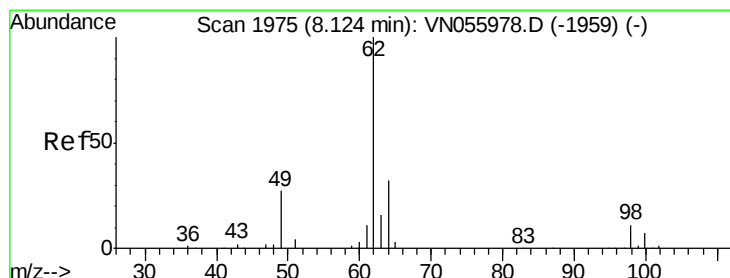
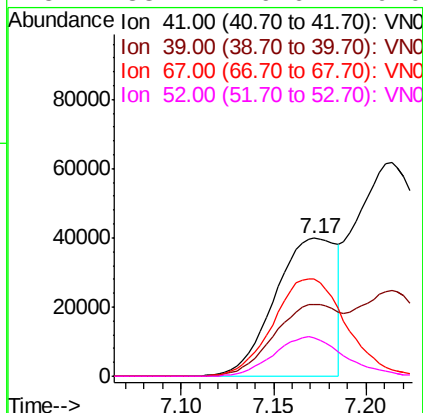
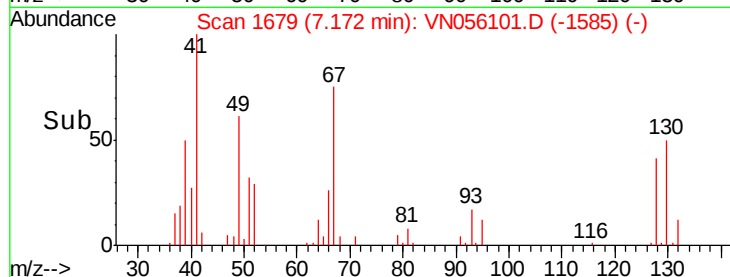
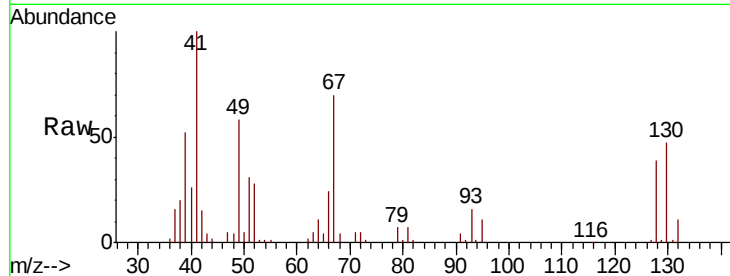




#41  
Methacrylonitrile  
Concen: 59.851 ug/l  
RT: 7.17 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

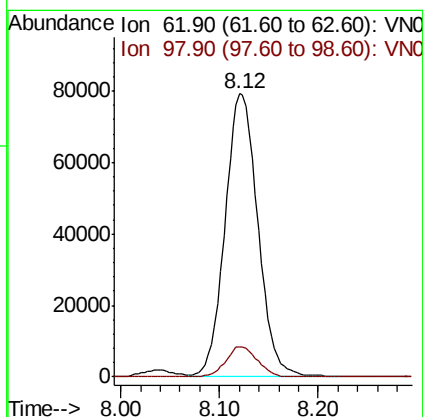
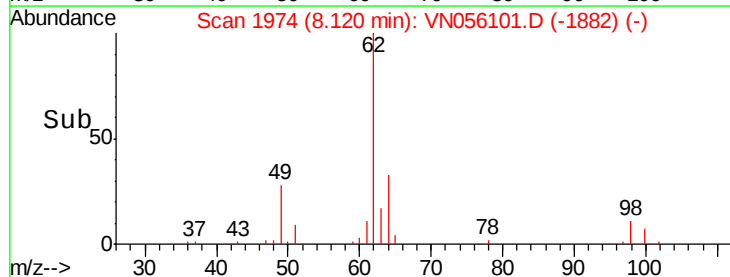
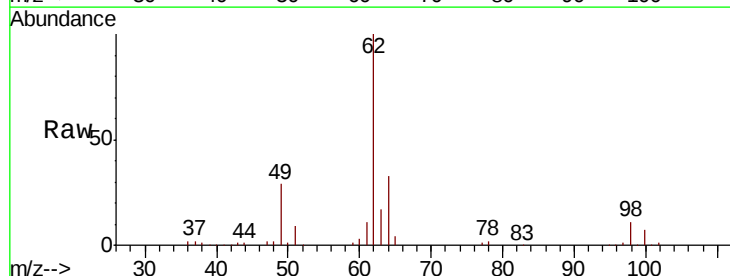
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

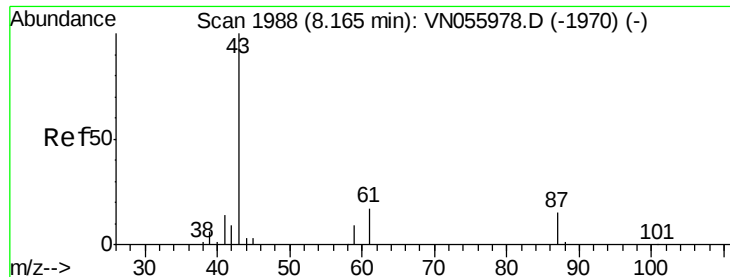
Tot Ion: 41 Resp: 92496  
Ion Ratio Lower Upper  
41 100  
39 55.7 45.6 68.4  
67 84.4 67.7 101.5  
52 33.4 26.6 40.0



#42  
1,2-Dichloroethane  
Concen: 49.723 ug/l  
RT: 8.12 min Scan# 1974  
Delta R.T. -0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion: 62 Resp: 183389  
Ion Ratio Lower Upper  
62 100  
98 10.3 0.0 20.2





#43

Isopropyl Acetate

Concen: 52.967 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

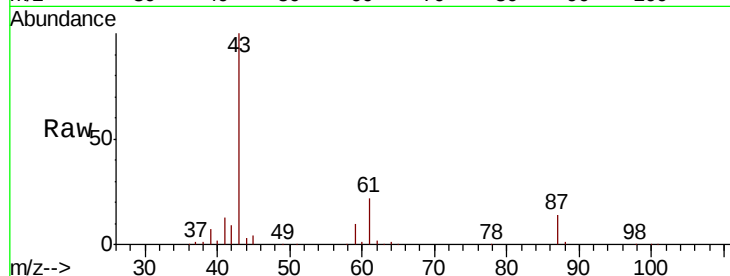
Tot Ion: 43 Resp: 288306

Ion Ratio Lower Upper

43 100

61 21.9 22.2 33.4#

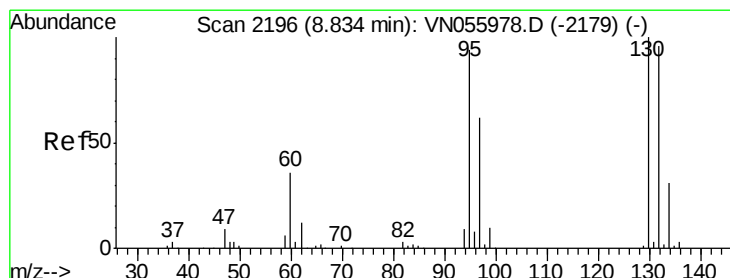
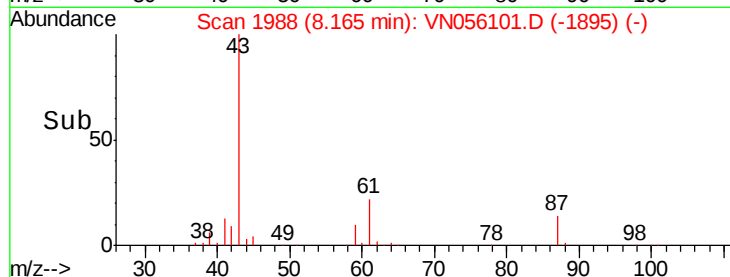
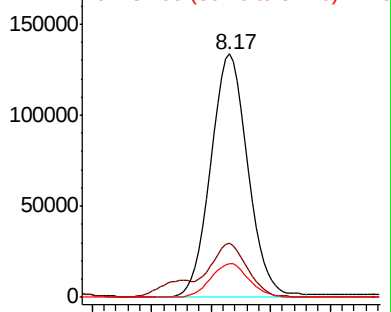
87 14.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 49.389 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN056101.D

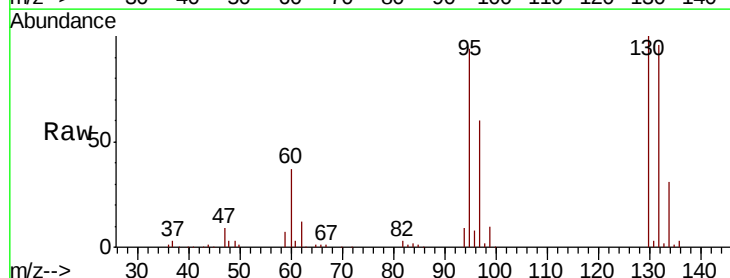
Acq: 7 Jun 2019 16:18

Tgt Ion:130 Resp: 162723

Ion Ratio Lower Upper

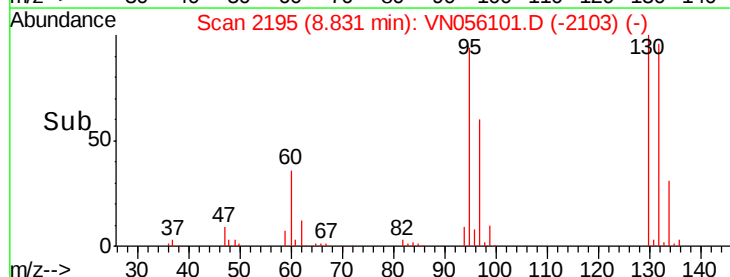
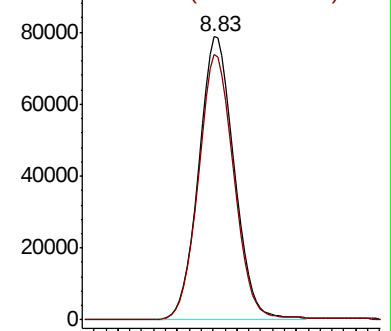
130 100

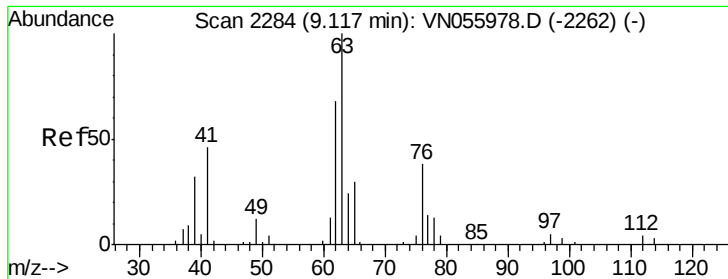
95 93.8 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 52.519 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

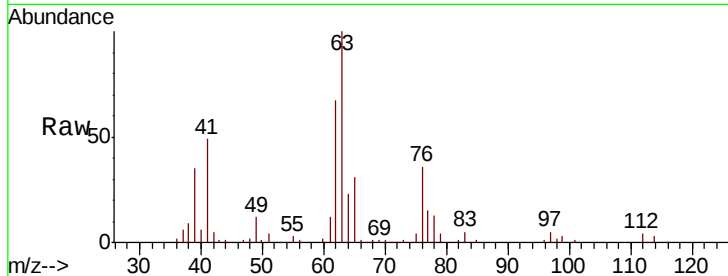
VSTDCCC050

Tot Ion: 63 Resp: 154245

Ion Ratio Lower Upper

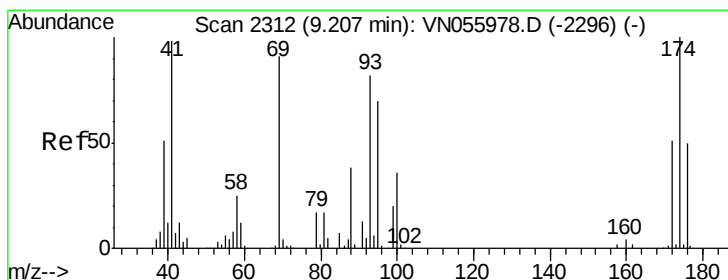
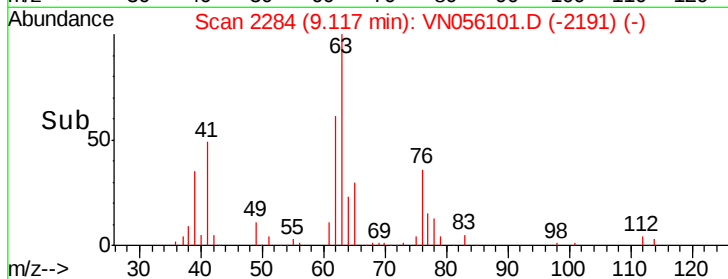
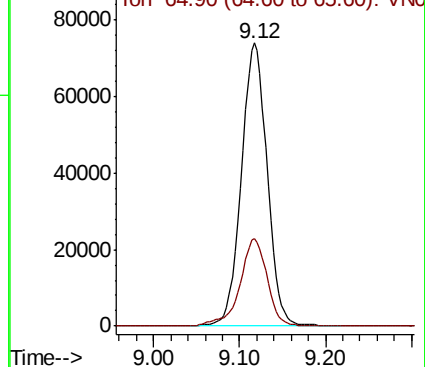
63 100

65 30.8 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN056101.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN056101.D (-2191) (-)



#46

Dibromomethane

Concen: 51.332 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

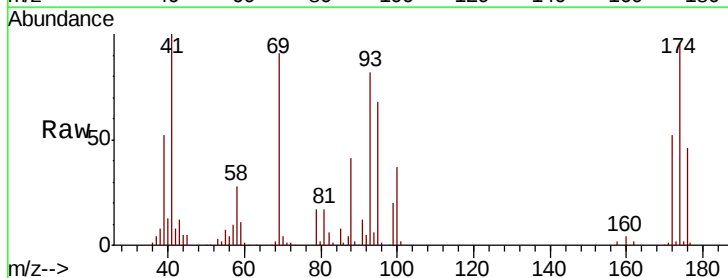
Tgt Ion: 93 Resp: 98585

Ion Ratio Lower Upper

93 100

95 84.5 66.7 100.1

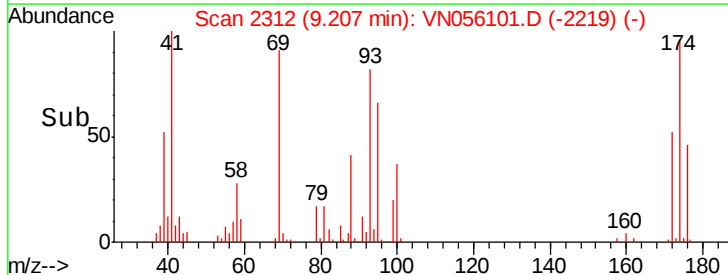
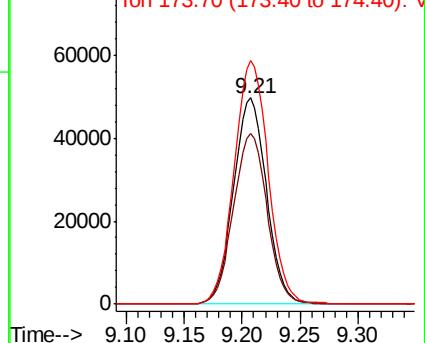
174 121.4 96.4 144.6



Abundance Ion 92.80 (92.50 to 93.50): VN056101.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN056101.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN056101.D (-2219) (-)





#47

Bromodichloromethane

Concen: 51.098 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

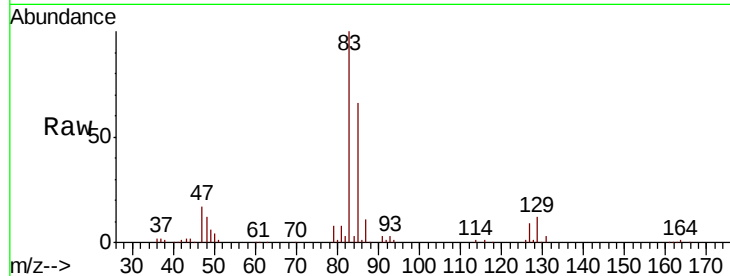
Tot Ion: 83 Resp: 177861

Ion Ratio Lower Upper

83 100

85 65.5 52.2 78.2

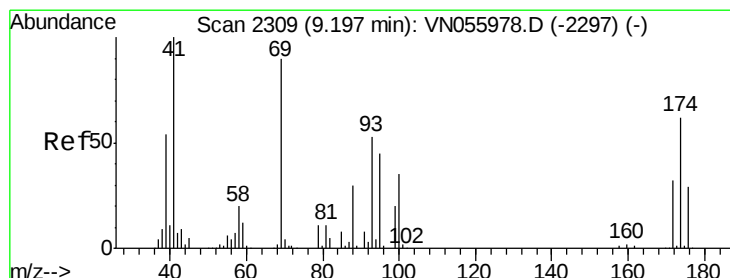
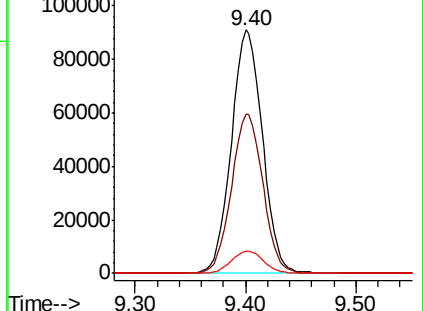
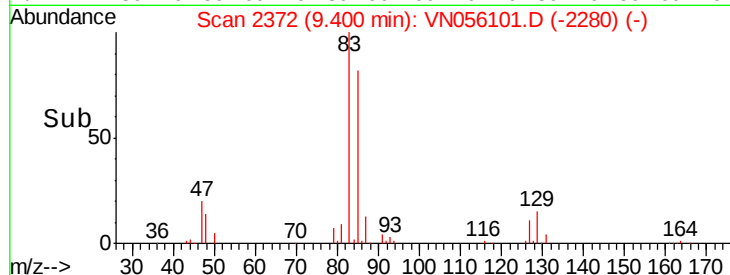
127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056101.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056101.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056101.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.947 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

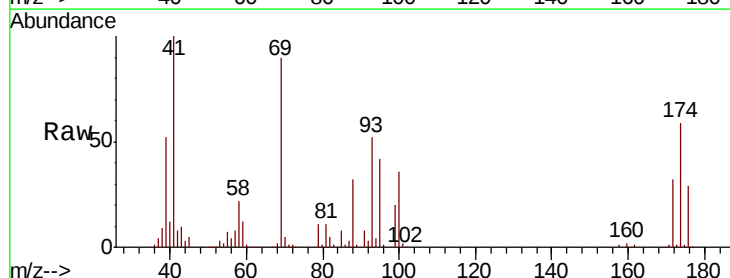
Tgt Ion: 41 Resp: 143655

Ion Ratio Lower Upper

41 100

69 91.4 71.0 106.6

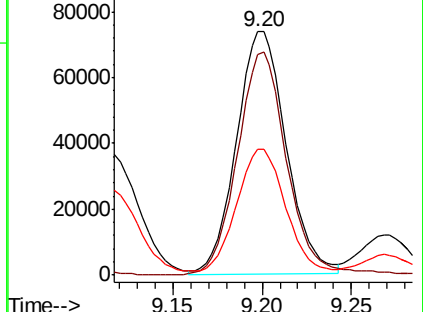
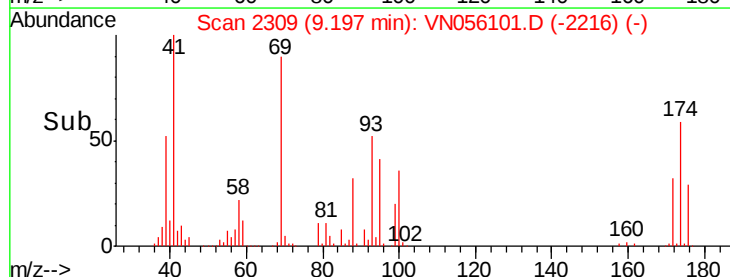
39 51.1 44.2 66.2

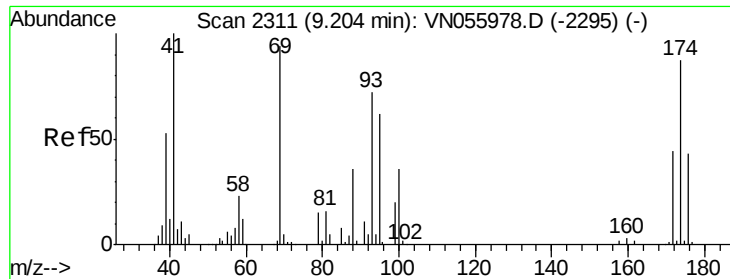


Abundance Ion 41.00 (40.70 to 41.70): VN056101.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056101.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056101.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1136.945 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

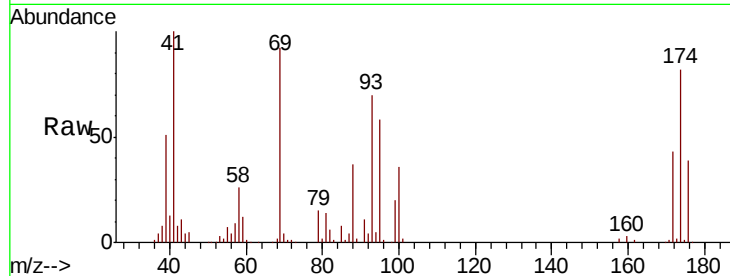
Tot Ion: 88 Resp: 65362

Ion Ratio Lower Upper

88 100

43 24.6 20.5 30.7

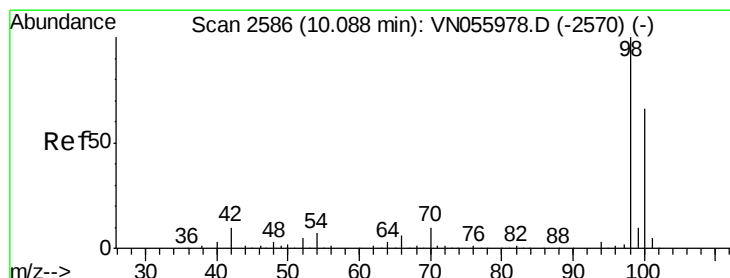
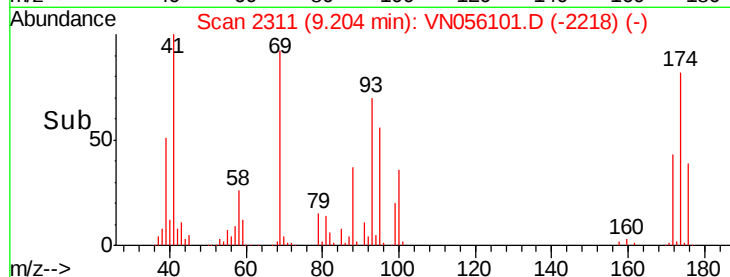
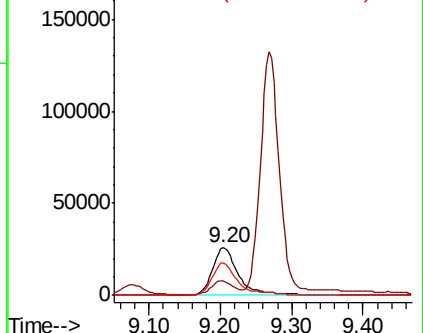
58 68.5 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN055978.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN055978.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2295) (-)



#50

Toluene-d8

Concen: 49.667 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056101.D

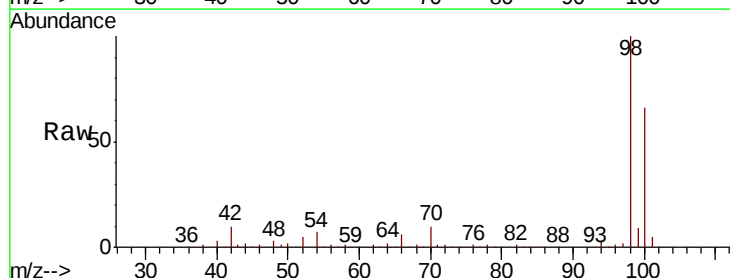
Acq: 7 Jun 2019 16:18

Tgt Ion: 98 Resp: 514812

Ion Ratio Lower Upper

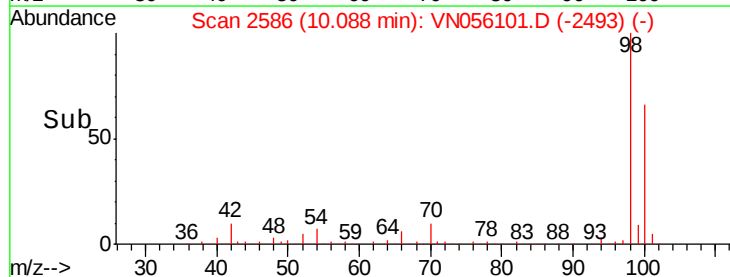
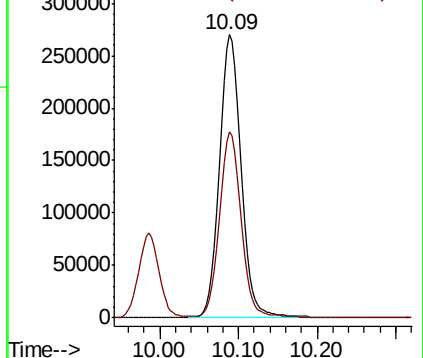
98 100

100 65.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 271.625 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

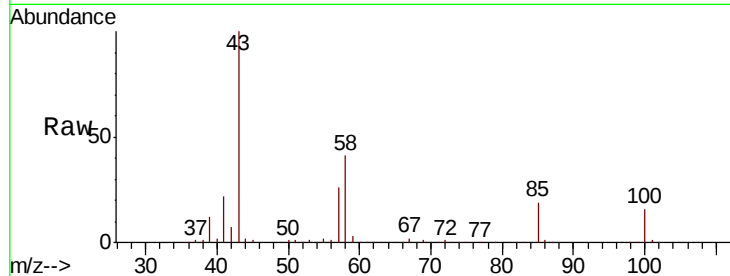
VSTDCCC050

Tot Ion: 43 Resp: 924567

Ion Ratio Lower Upper

43 100

58 40.4 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

500000

400000

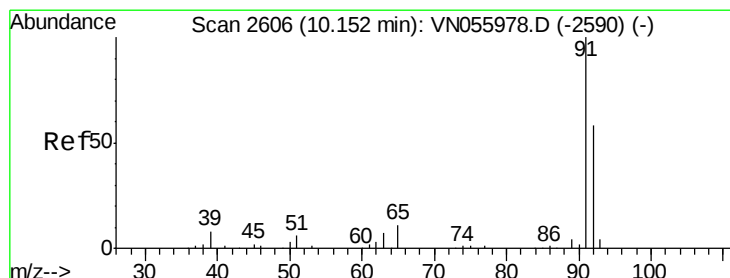
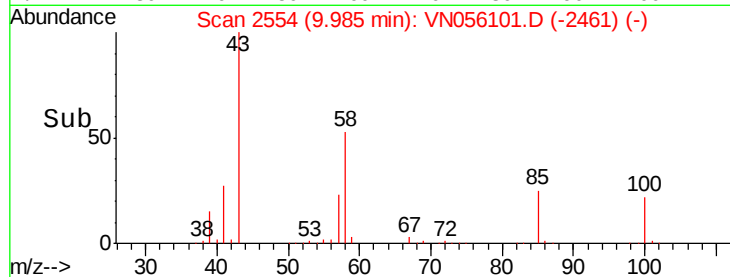
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.818 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056101.D

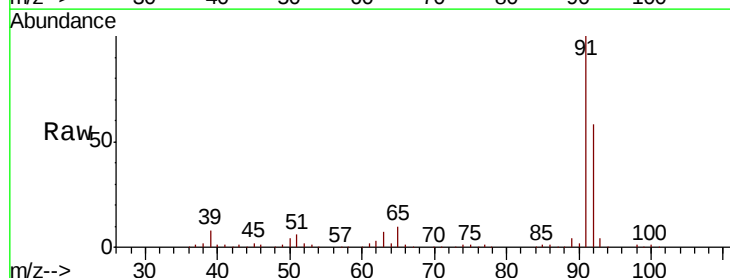
Acq: 7 Jun 2019 16:18

Tgt Ion: 92 Resp: 369713

Ion Ratio Lower Upper

92 100

91 173.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

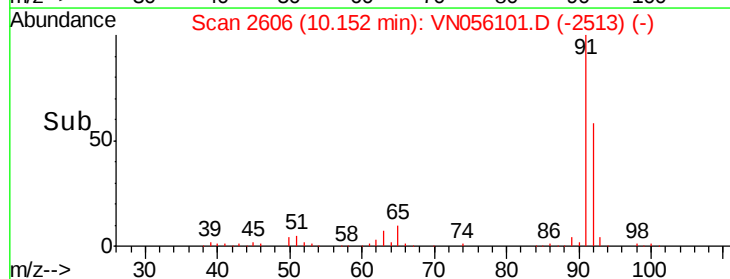
300000

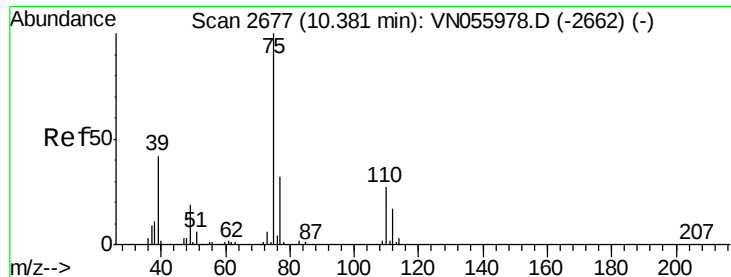
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.871 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

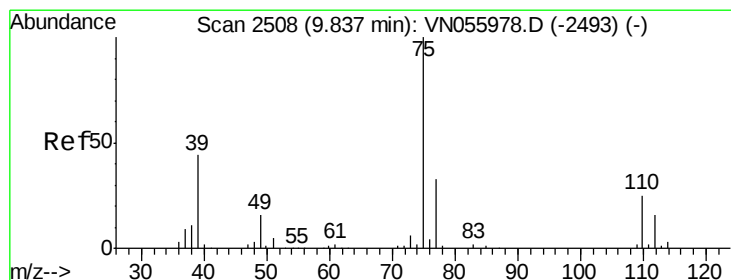
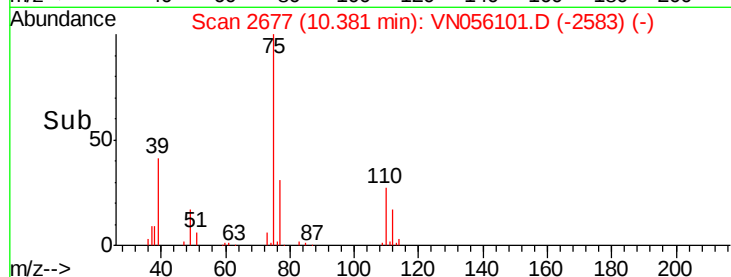
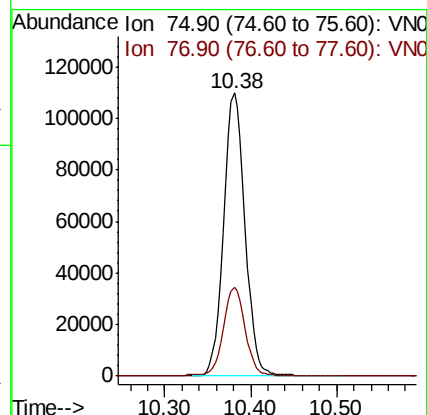
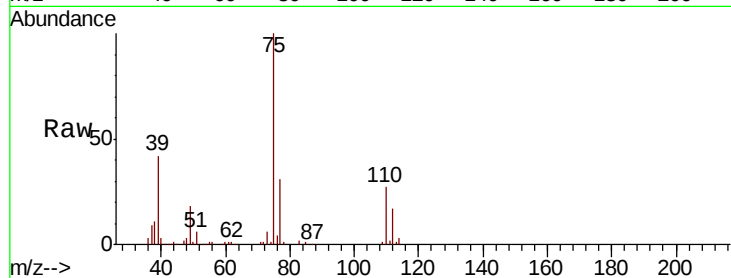
VSTDCCC050

Tot Ion: 75 Resp: 190634

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 53.057 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

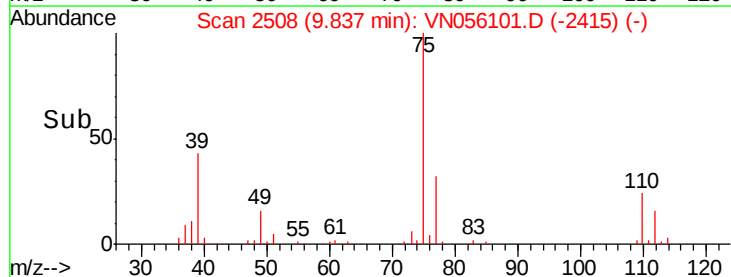
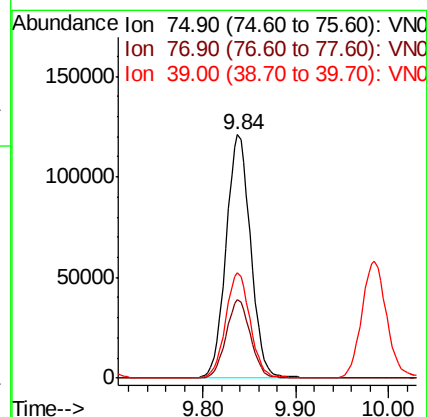
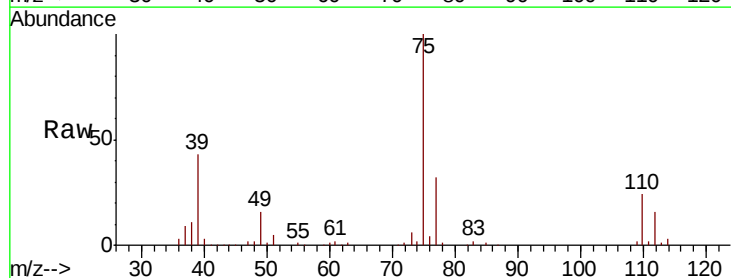
Tgt Ion: 75 Resp: 221989

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

39 43.2 36.3 54.5



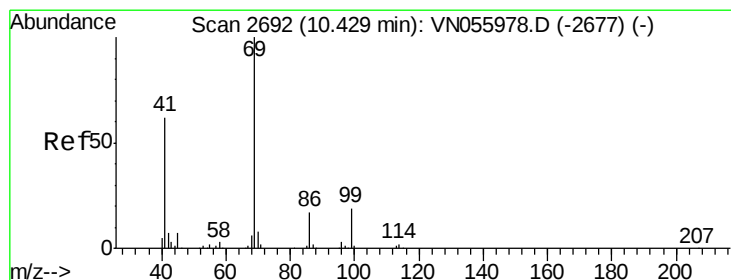
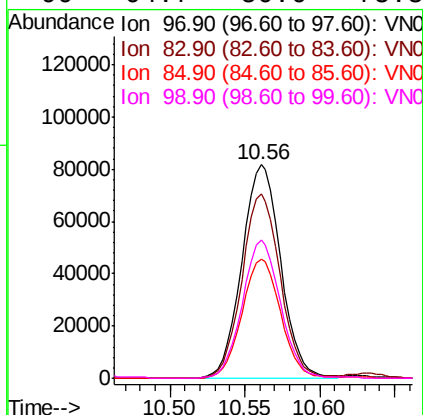
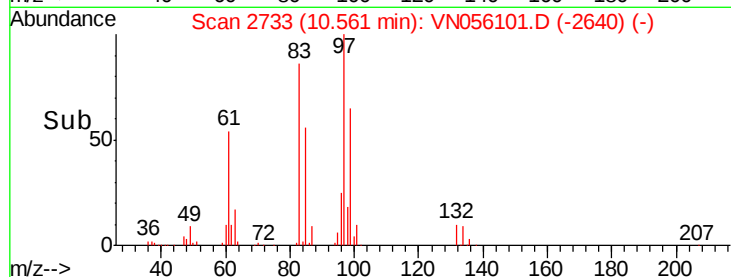
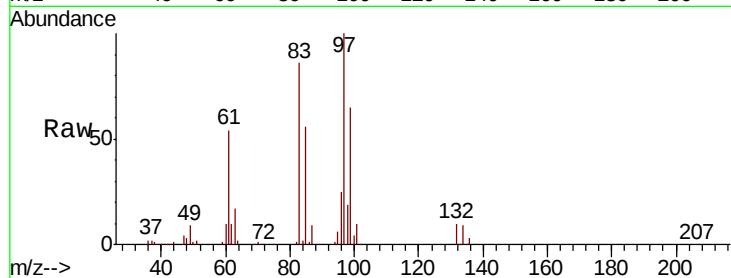


#55  
 1,1,2-Trichloroethane  
 Concen: 52.275 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 97 Resp: 147740  

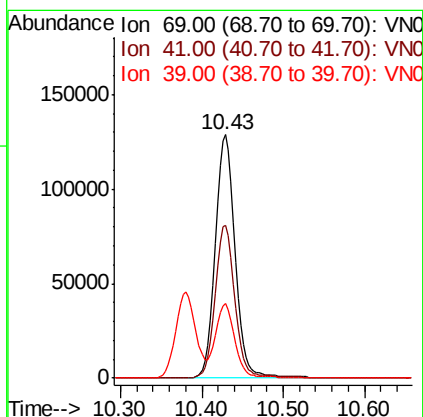
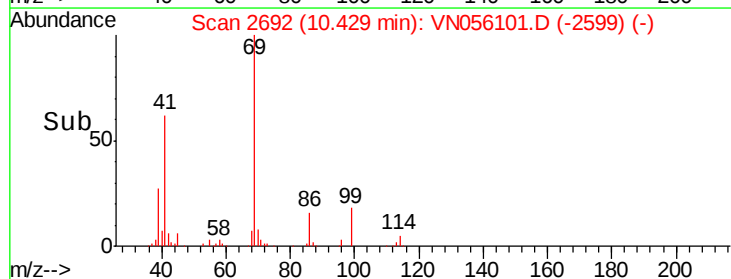
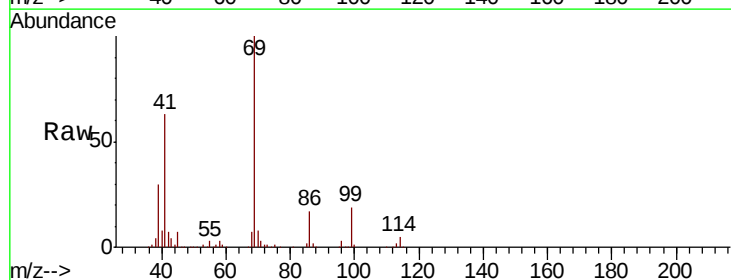
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.5  | 67.0  | 100.6 |
| 85  | 56.0  | 44.0  | 66.0  |
| 99  | 64.7  | 50.6  | 75.8  |

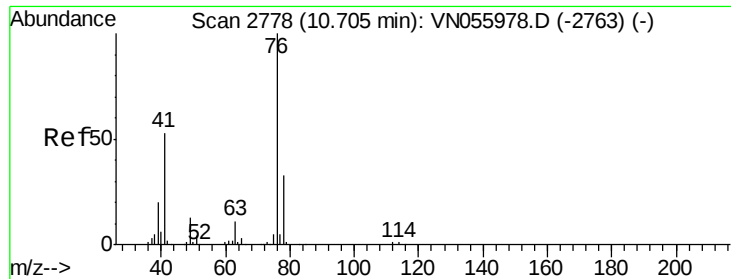


#56  
 Ethyl methacrylate  
 Concen: 54.115 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

Tgt Ion: 69 Resp: 223125  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.4  | 49.7  | 74.5  |
| 39  | 29.1  | 24.7  | 37.1  |





#57

1,3-Dichloropropane

Concen: 52.617 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

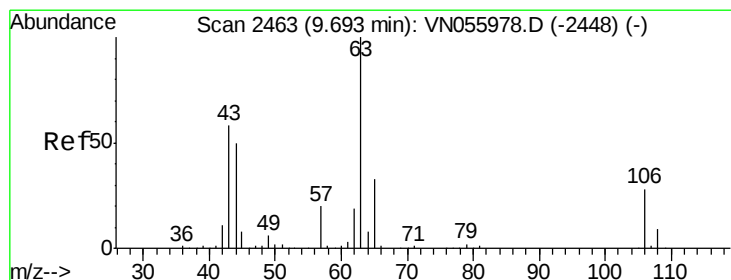
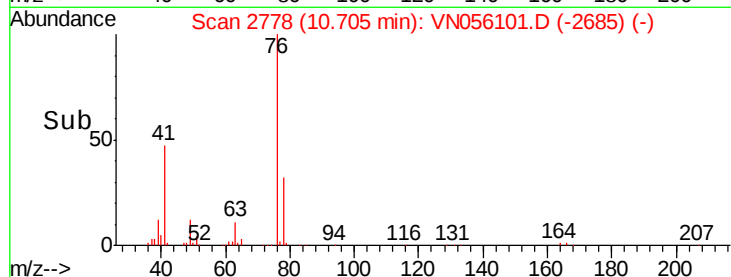
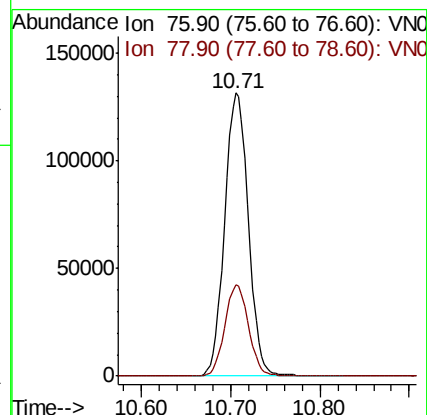
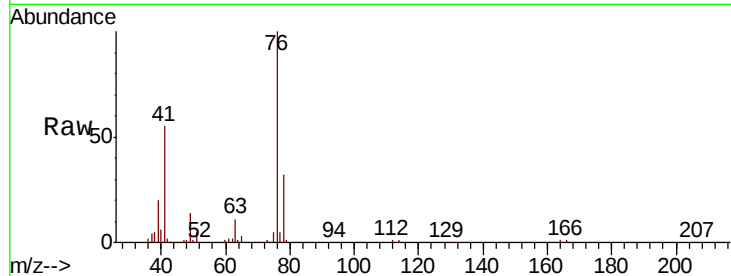
VSTDCCC050

Tot Ion: 76 Resp: 241743

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 250.786 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN056101.D

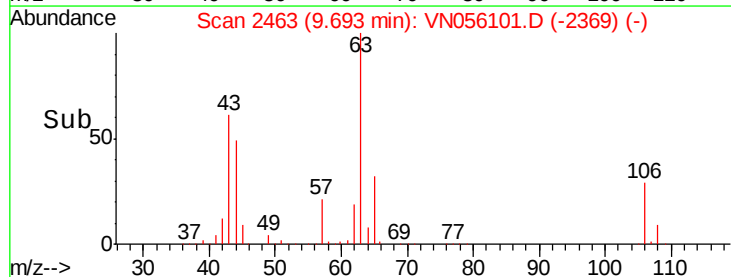
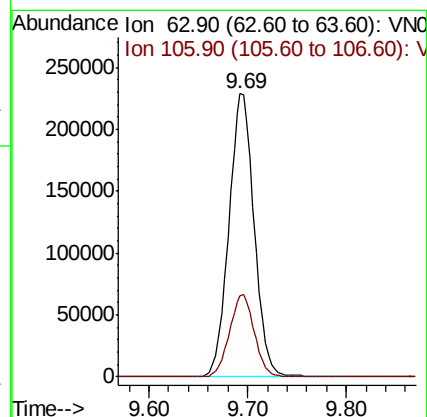
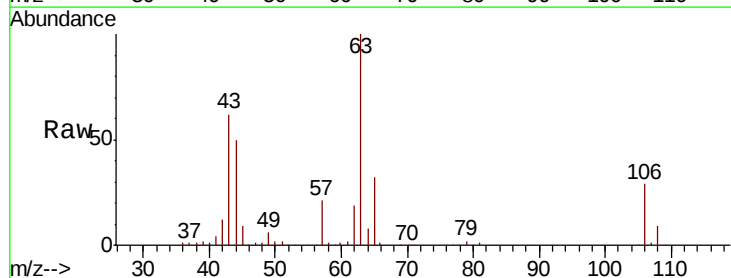
Acq: 7 Jun 2019 16:18

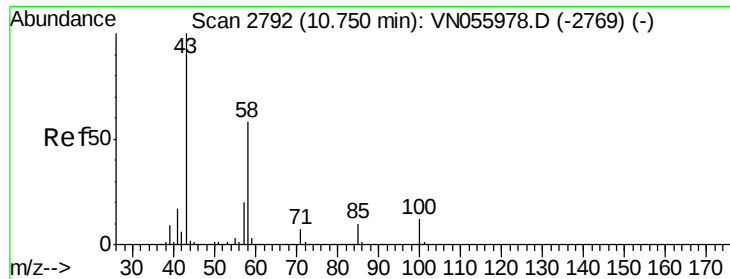
Tgt Ion: 63 Resp: 410056

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1

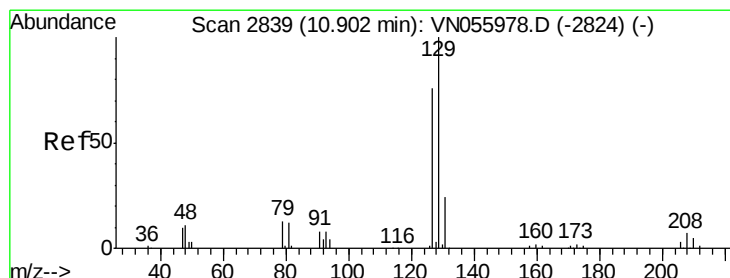
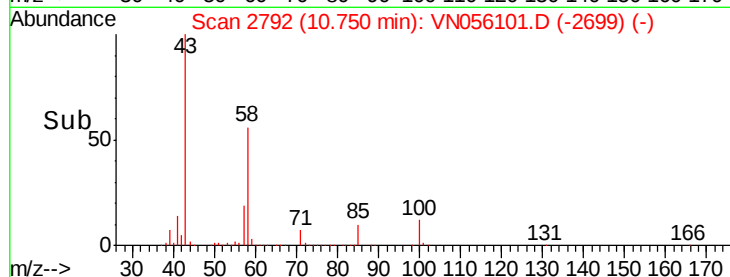
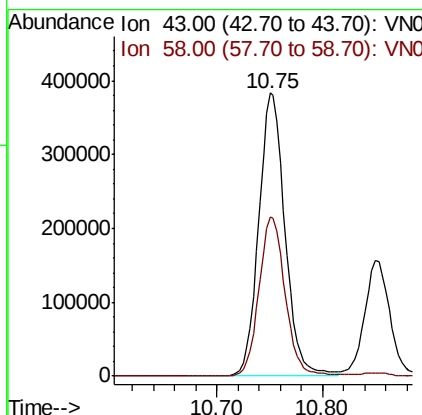
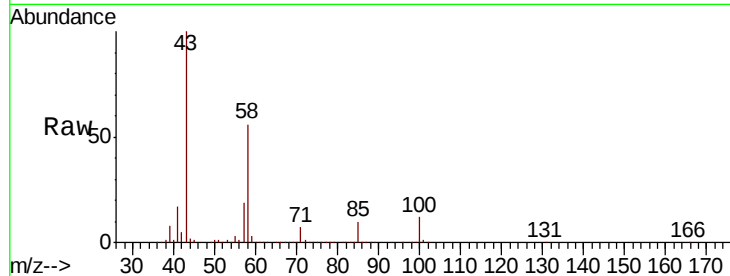




#59  
2-Hexanone  
Concen: 270.100 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

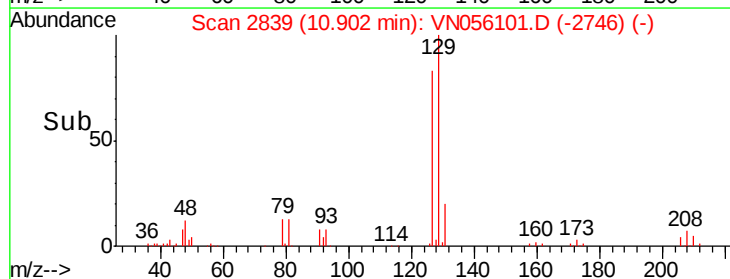
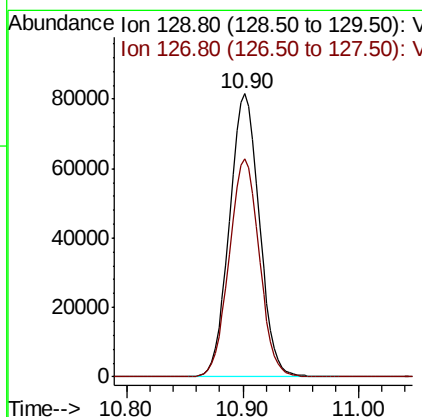
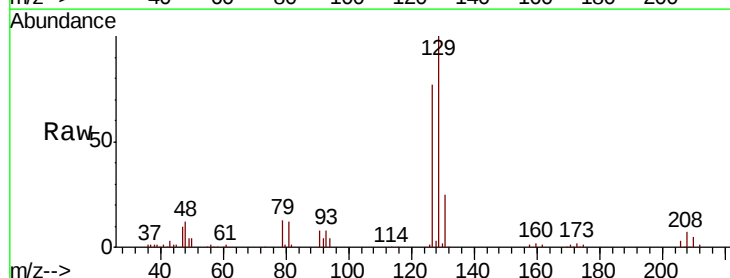
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 666344  
Ion Ratio Lower Upper  
43 100  
58 56.6 28.2 84.7



#60  
Dibromochloromethane  
Concen: 46.771 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion:129 Resp: 145270  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 53.038 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

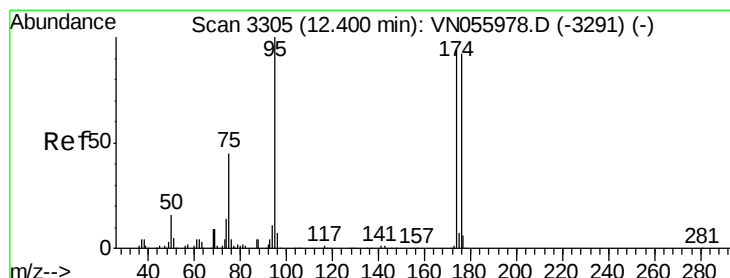
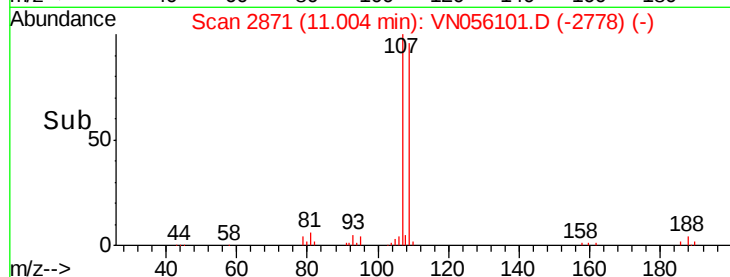
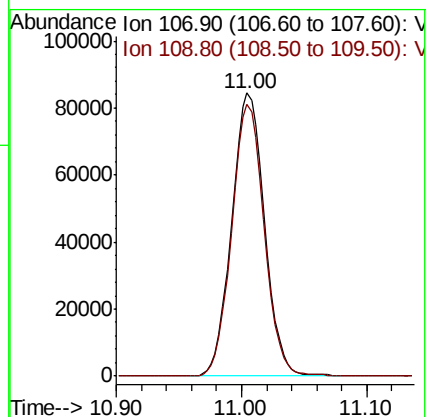
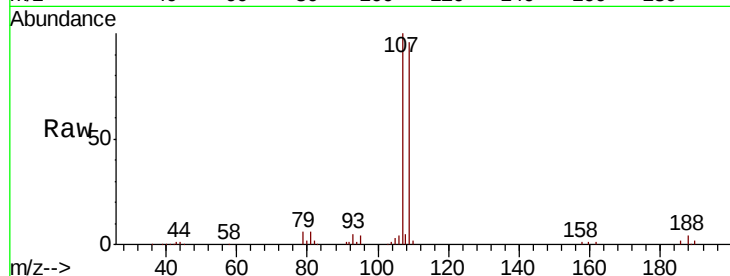
VSTDCCC050

Tot Ion:107 Resp: 153241

Ion Ratio Lower Upper

107 100

109 95.4 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 51.391 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

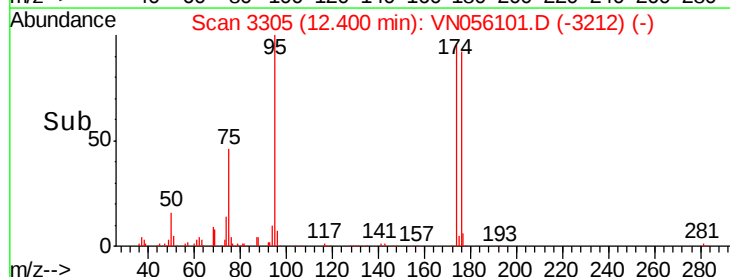
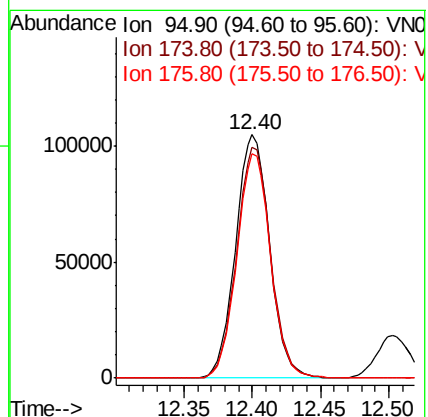
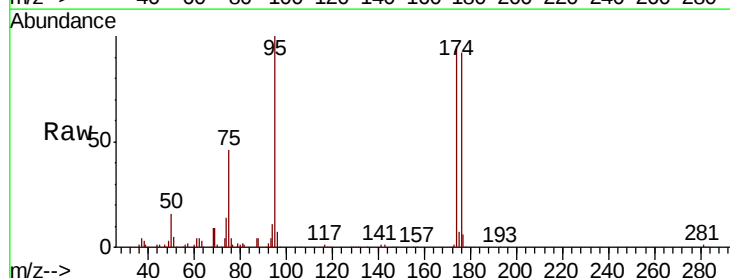
Tgt Ion: 95 Resp: 181151

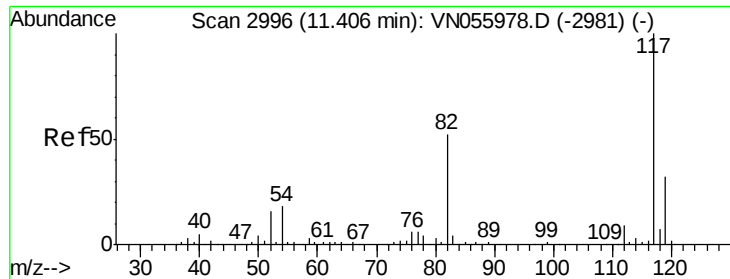
Ion Ratio Lower Upper

95 100

174 95.0 0.0 191.0

176 91.4 0.0 185.2

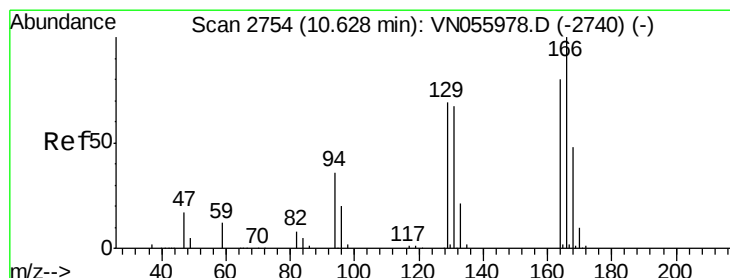
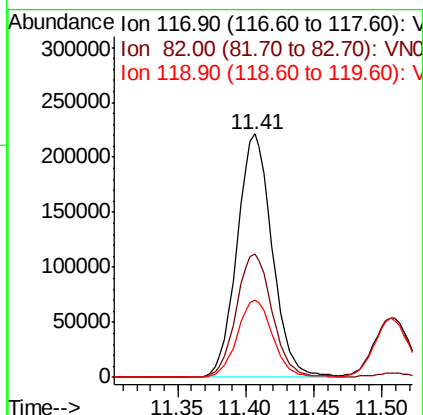
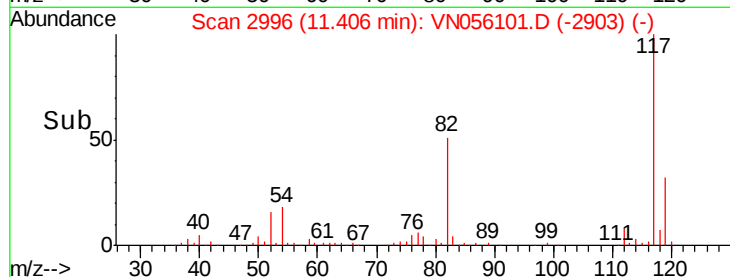
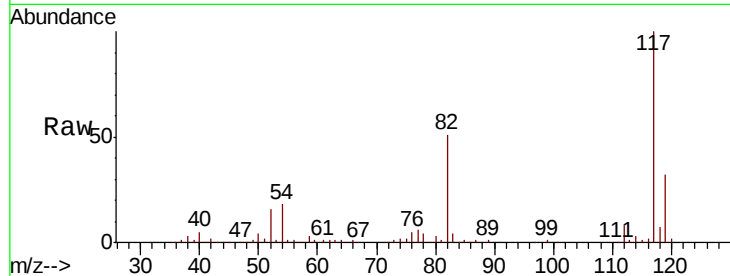




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

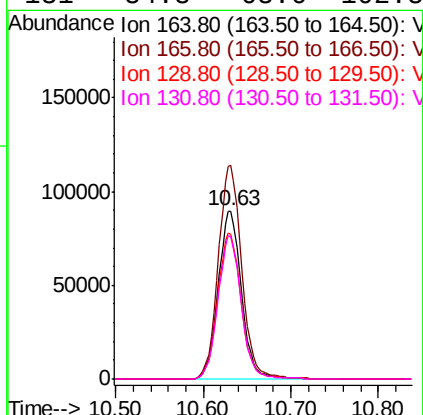
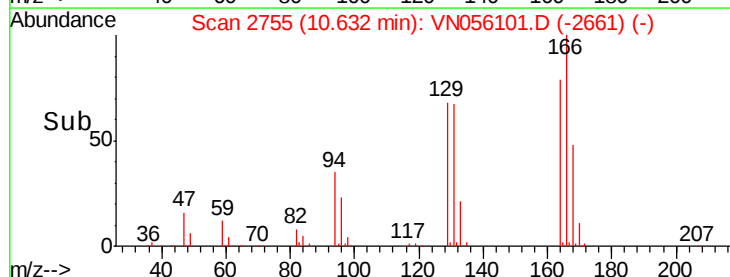
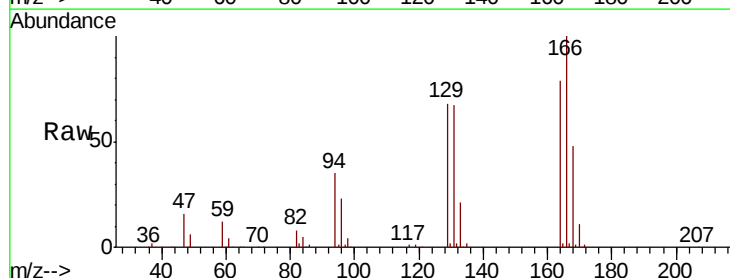
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:117 Resp: 395942  
Ion Ratio Lower Upper  
117 100  
82 50.9 41.8 62.8  
119 31.9 25.4 38.0



#64  
Tetrachloroethene  
Concen: 48.306 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion:164 Resp: 165559  
Ion Ratio Lower Upper  
164 100  
166 127.0 103.0 154.6  
129 86.0 70.6 105.8  
131 84.8 68.6 102.8

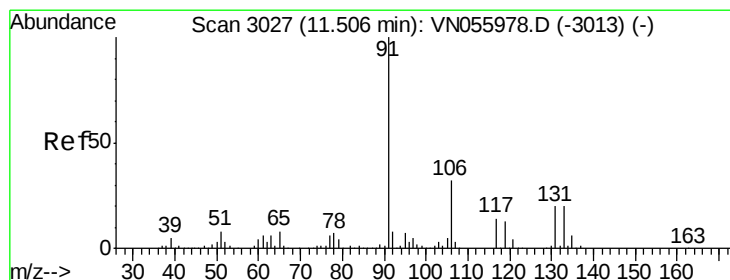
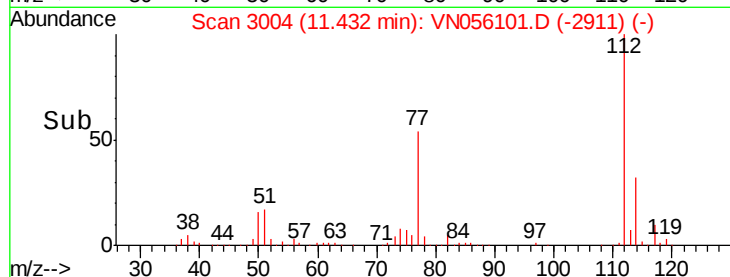
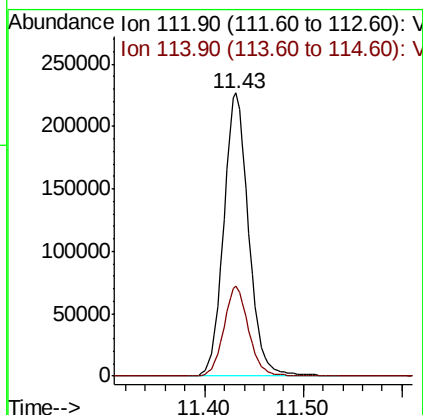
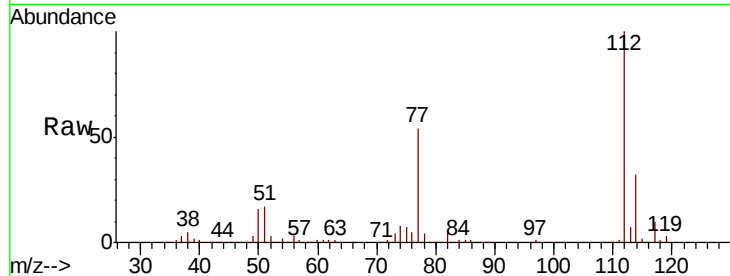




#65  
Chlorobenzene  
Concen: 50.918 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

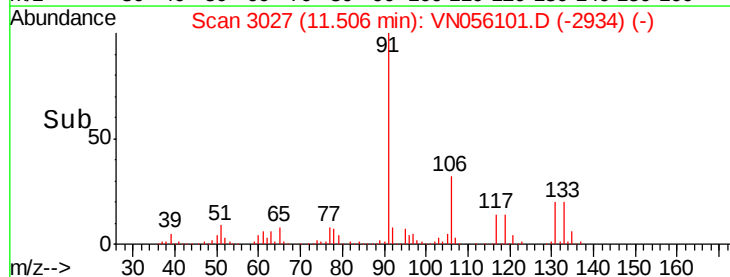
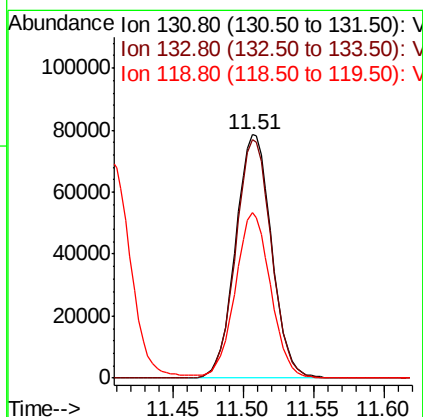
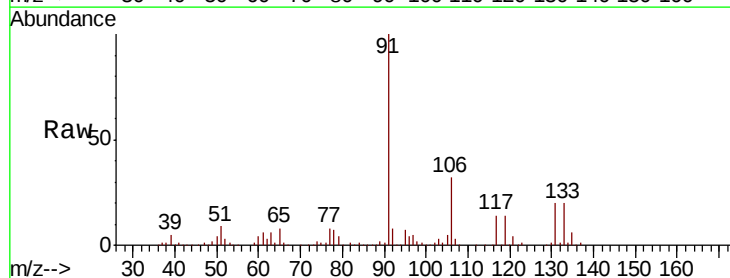
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

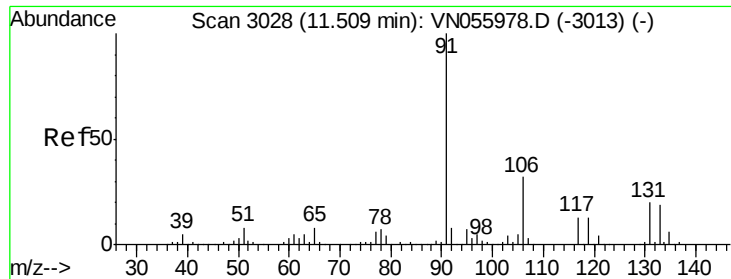
Tot Ion:112 Resp: 401233  
Ion Ratio Lower Upper  
112 100  
114 31.6 26.2 39.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.565 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion:131 Resp: 140303  
Ion Ratio Lower Upper  
131 100  
133 97.2 48.0 144.0  
119 66.9 33.1 99.5

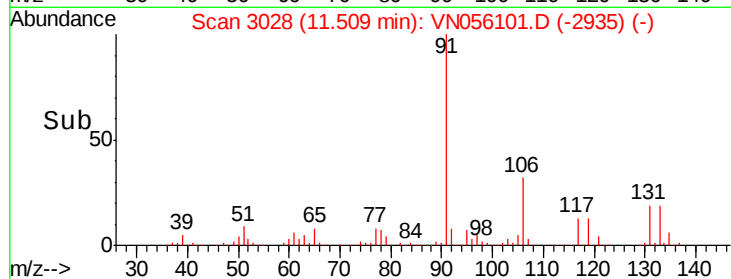
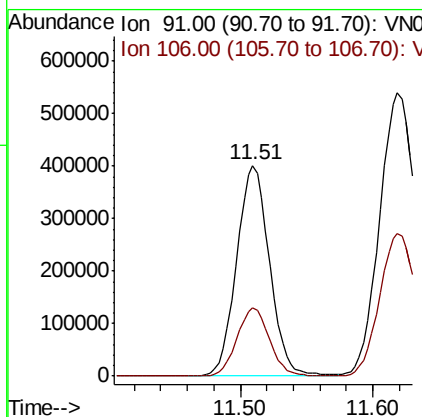
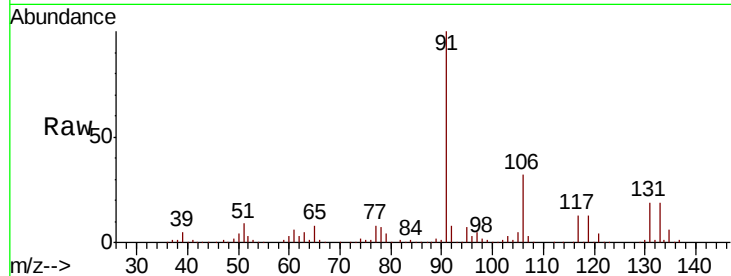




#67  
Ethyl Benzene  
Concen: 50.541 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

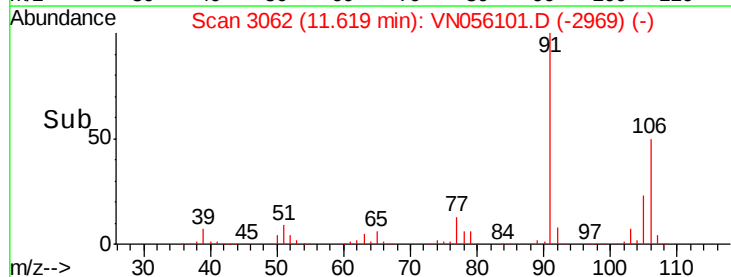
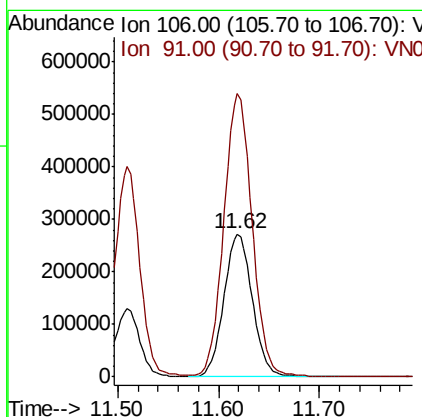
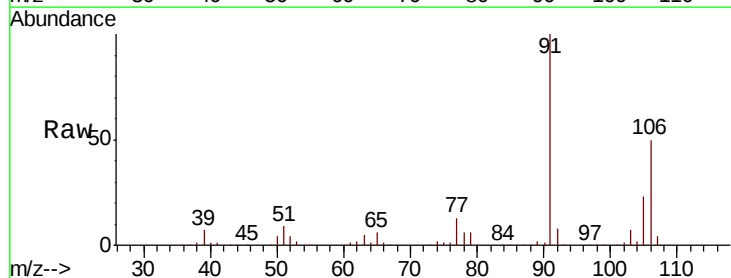
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

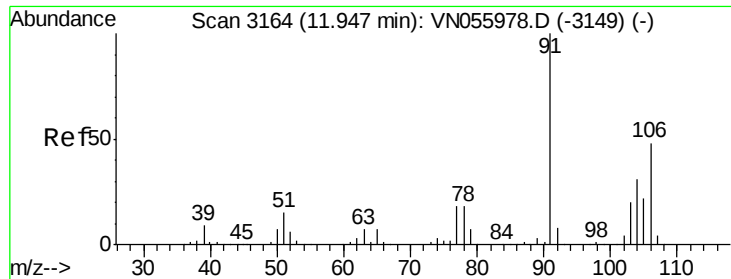
Tot Ion: 91 Resp: 692522  
Ion Ratio Lower Upper  
91 100  
106 32.3 25.1 37.7



#68  
m/p-Xylenes  
Concen: 102.520 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion: 106 Resp: 536626  
Ion Ratio Lower Upper  
106 100  
91 197.4 159.3 238.9

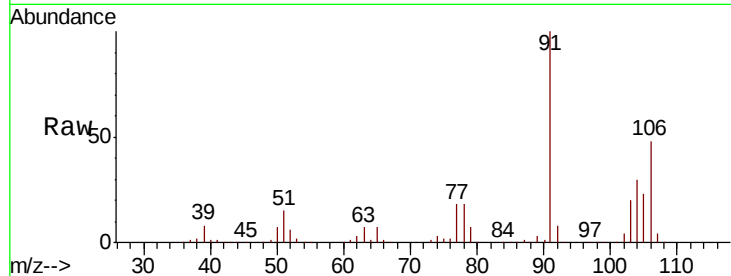




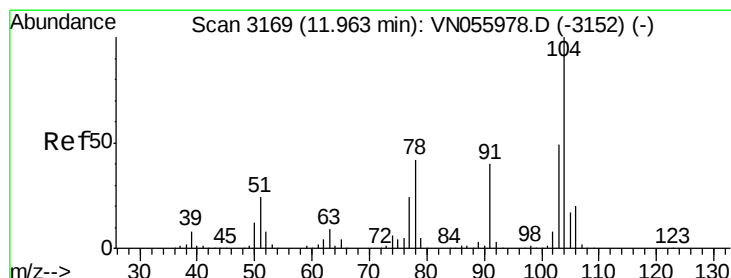
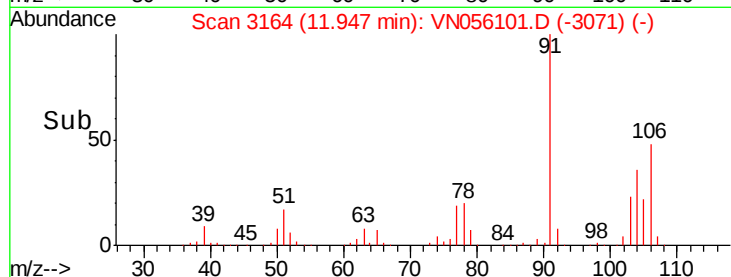
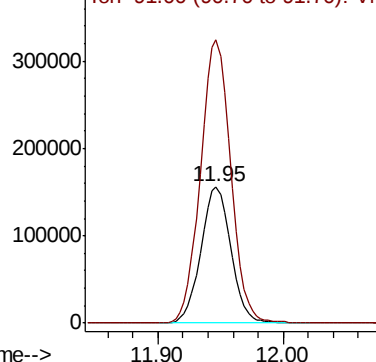
#69  
o-Xylene  
Concen: 50.415 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 259580  
Ion Ratio Lower Upper  
106 100  
91 209.2 104.7 314.1

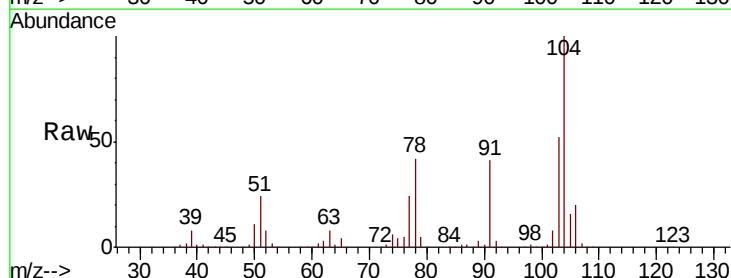


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

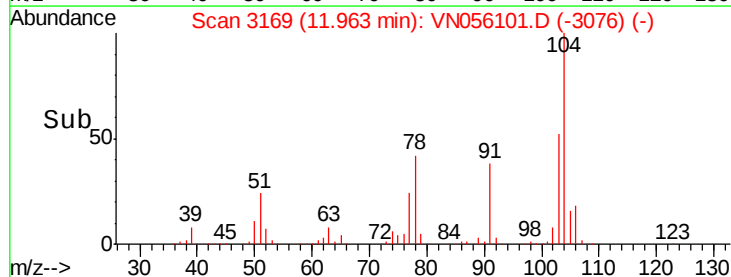
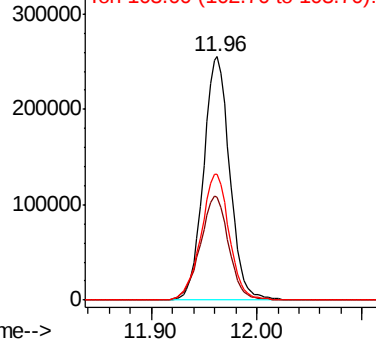


#70  
Styrene  
Concen: 53.641 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion:104 Resp: 438824  
Ion Ratio Lower Upper  
104 100  
78 46.3 37.8 56.6  
103 55.8 44.2 66.2



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

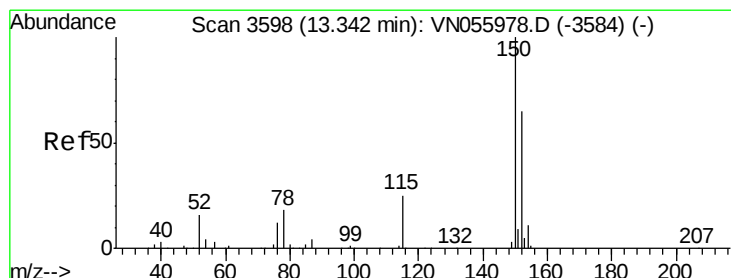
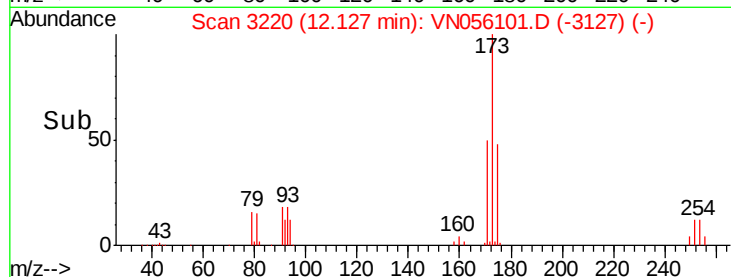
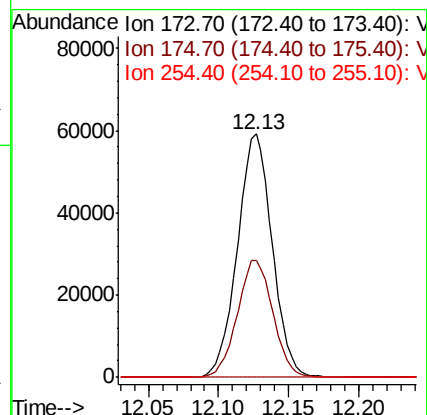
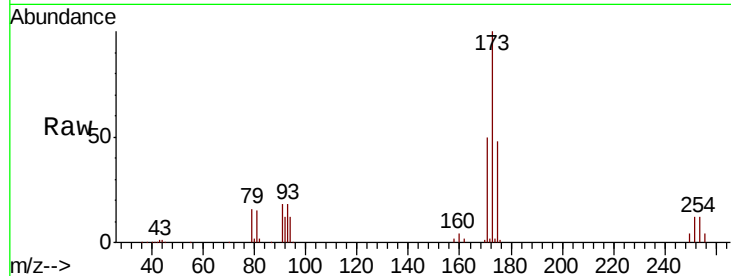




#71  
Bromoform  
Concen: 45.074 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

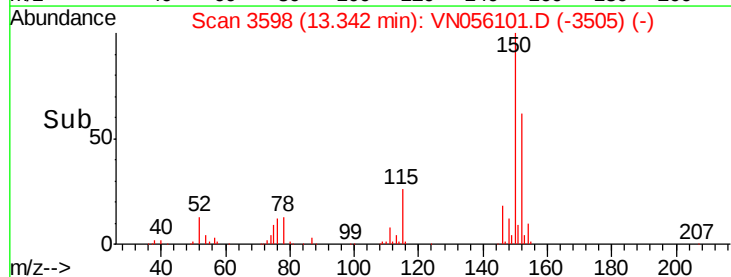
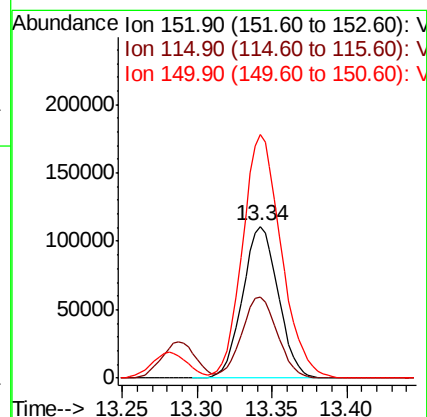
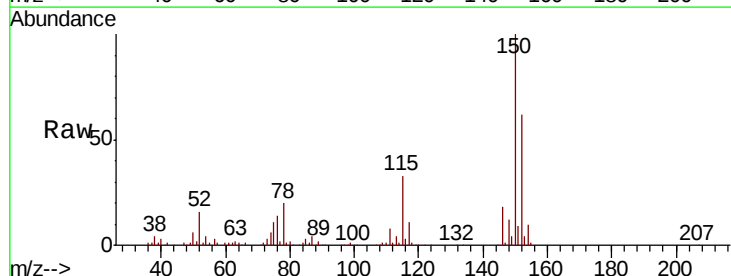
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:173 Resp: 102311  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.3 72.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion:152 Resp: 183224  
Ion Ratio Lower Upper  
152 100  
115 53.6 27.0 81.0  
150 174.6 0.0 343.2





#73

Isopropylbenzene

Concen: 52.994 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

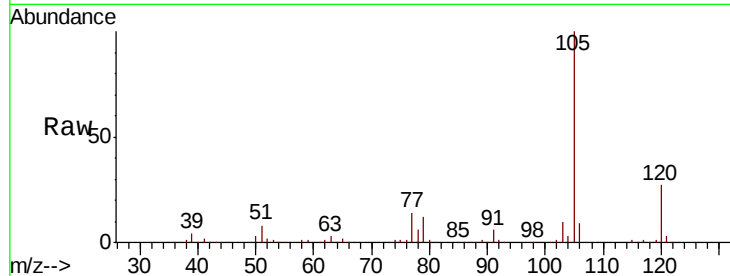
VSTDCCC050

Tot Ion:105 Resp: 690222

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

300000

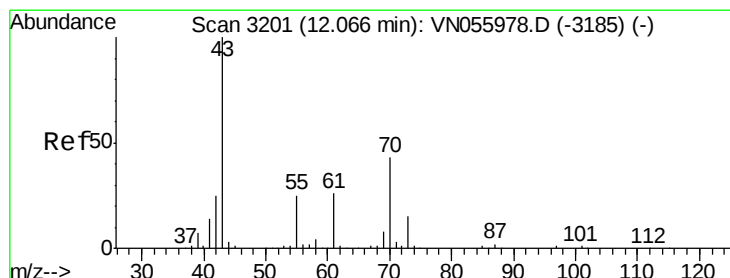
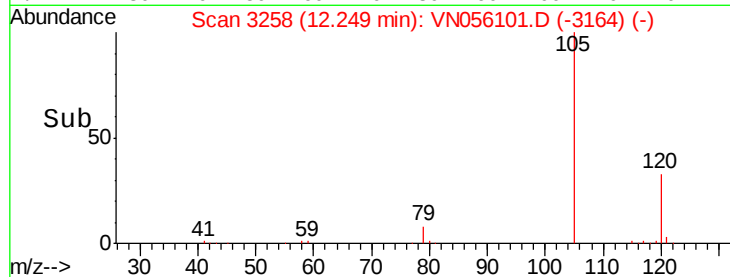
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 49.790 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Tgt Ion: 43 Resp: 243182

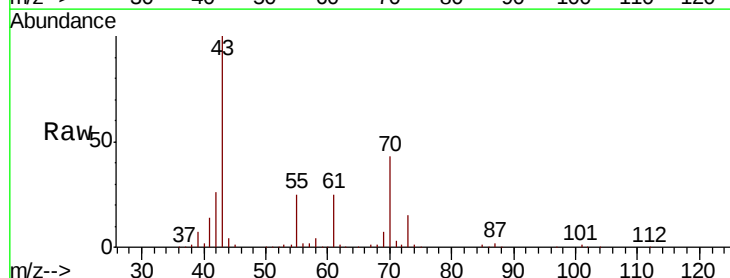
Ion Ratio Lower Upper

43 100

70 43.7 34.0 51.0

55 25.6 18.6 28.0

61 25.6 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

250000

200000

150000

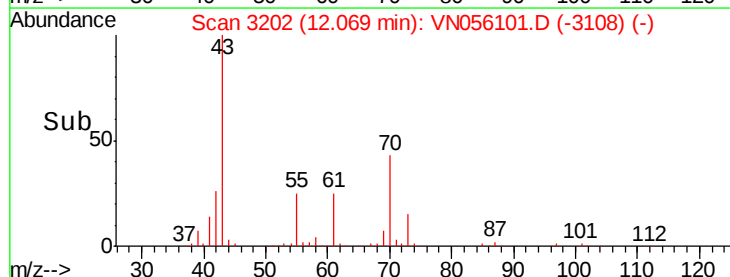
100000

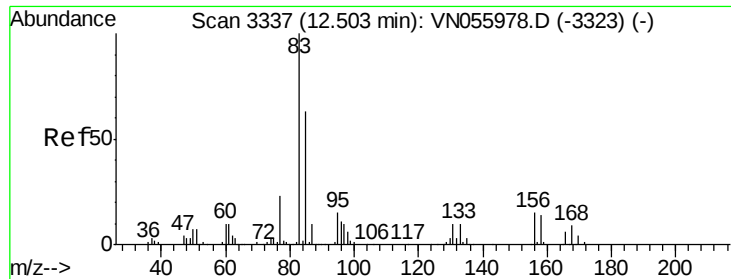
50000

0

Time-->

12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 48.524 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

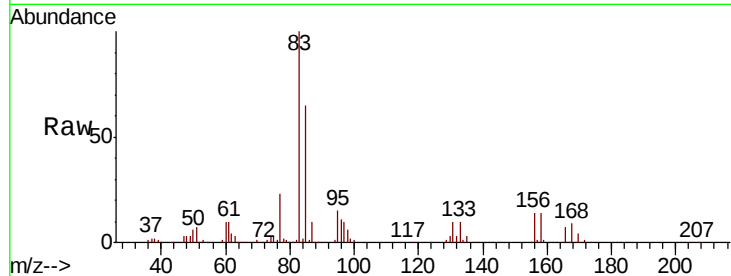
Tot Ion: 83 Resp: 206393

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

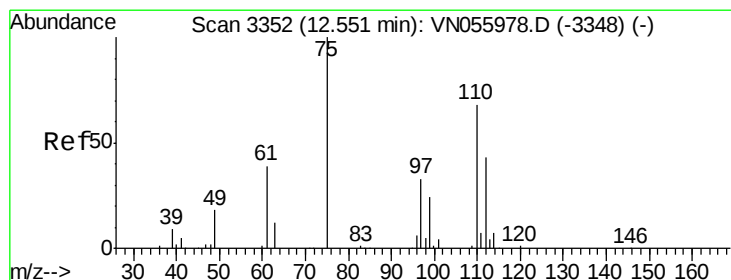
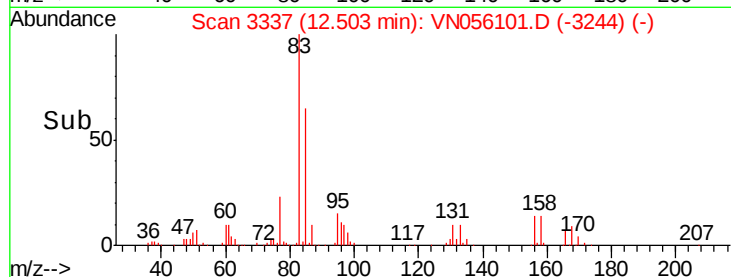
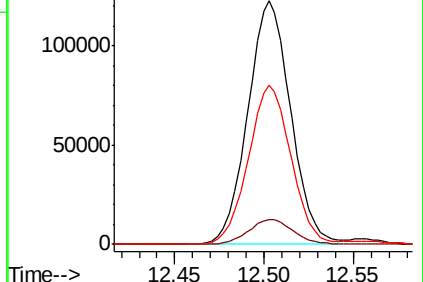
85 65.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 71.817 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056101.D

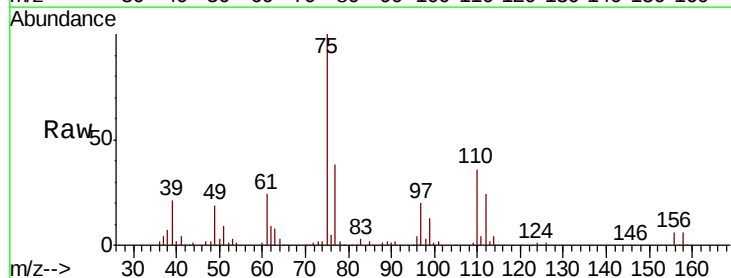
Acq: 7 Jun 2019 16:18

Tgt Ion: 75 Resp: 242124

Ion Ratio Lower Upper

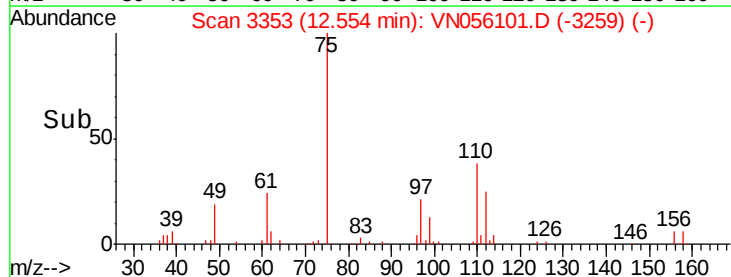
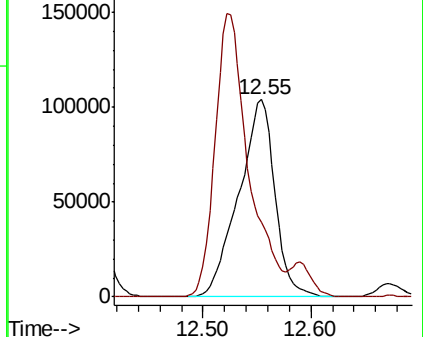
75 100

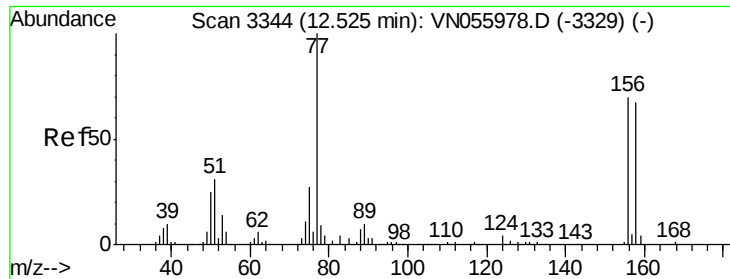
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

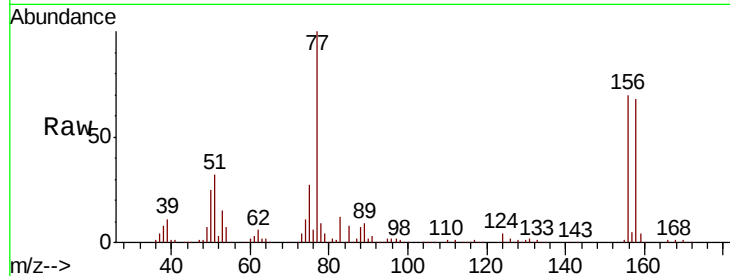




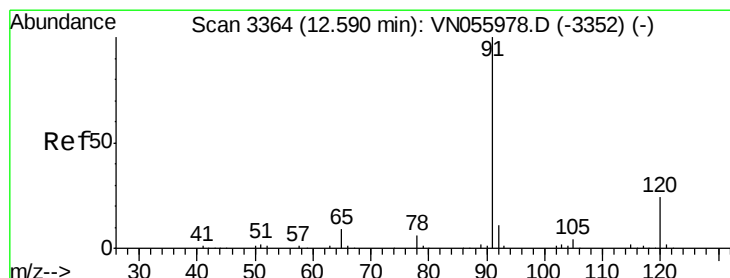
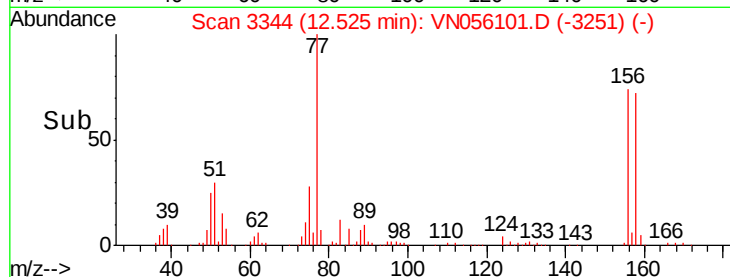
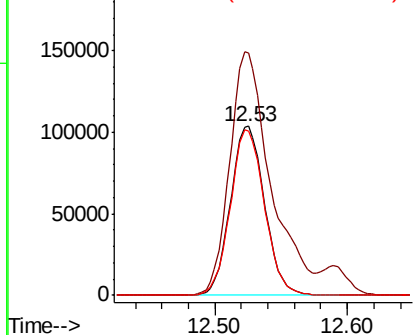
#77  
Bromobenzene  
Concen: 47.240 ug/l  
RT: 12.53 min Scan# 3344  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:156 Resp: 185313  
Ion Ratio Lower Upper  
156 100  
77 174.3 90.8 272.5  
158 97.8 49.3 147.8

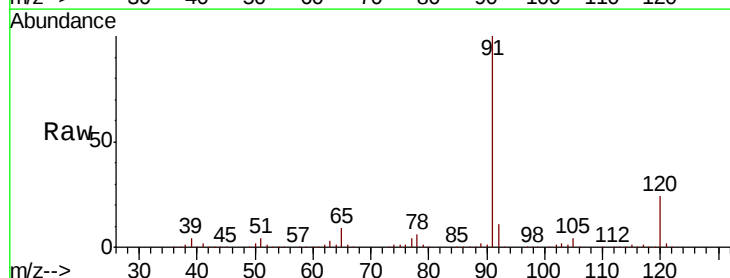


Abundance Ion 155.80 (155.50 to 156.50): V  
200000 Ion 77.00 (76.70 to 77.70): VN  
Ion 157.80 (157.50 to 158.50): V

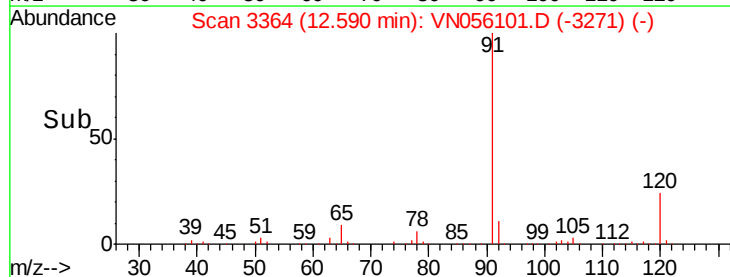
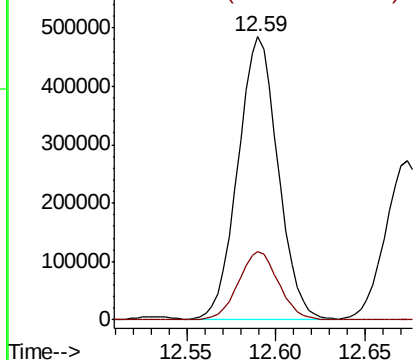


#78  
n-propylbenzene  
Concen: 48.861 ug/l  
RT: 12.59 min Scan# 3364  
Delta R.T. 0.00 min  
Lab File: VN056101.D  
Acq: 7 Jun 2019 16:18

Tgt Ion: 91 Resp: 757380  
Ion Ratio Lower Upper  
91 100  
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN  
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.851 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

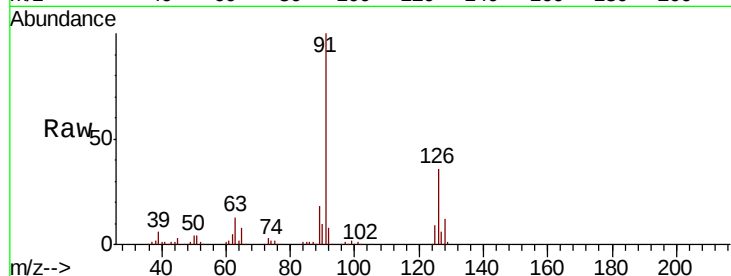
VSTDCCC050

Tot Ion: 91 Resp: 453258

Ion Ratio Lower Upper

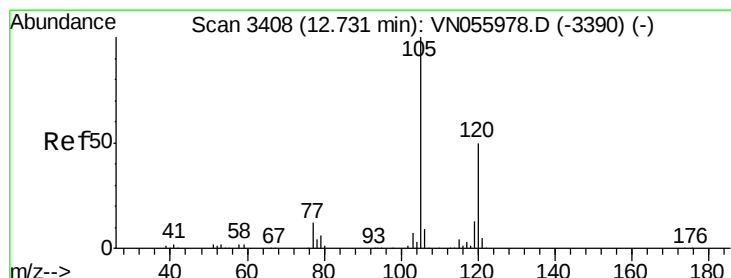
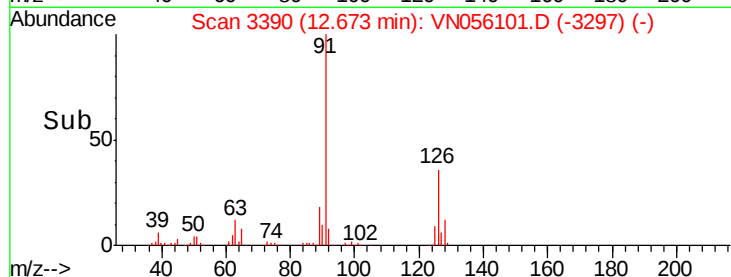
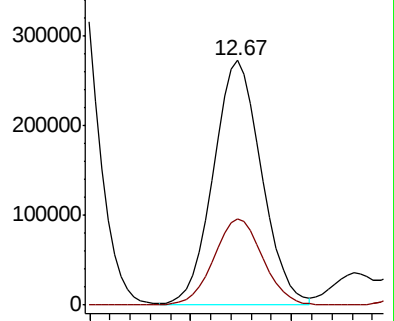
91 100

126 36.1 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.902 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056101.D

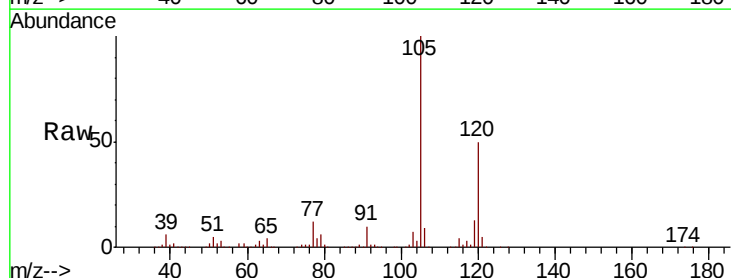
Acq: 7 Jun 2019 16:18

Tgt Ion: 105 Resp: 577798

Ion Ratio Lower Upper

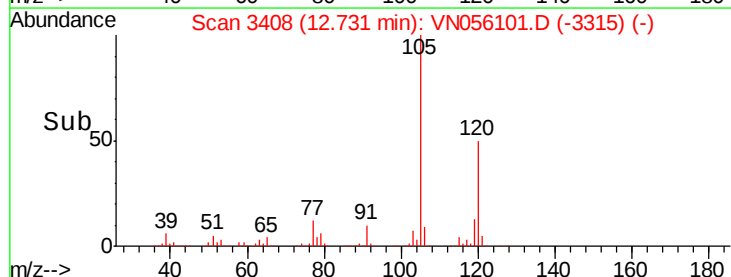
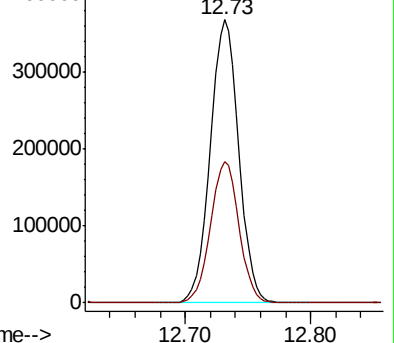
105 100

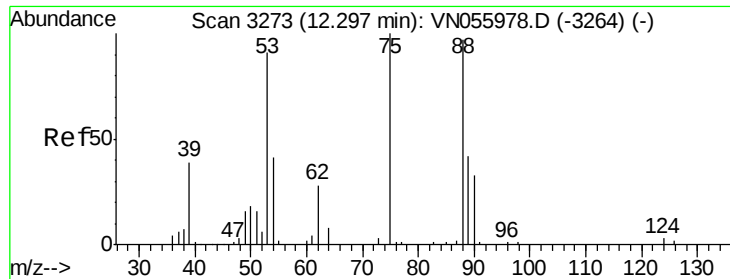
120 49.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.395 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

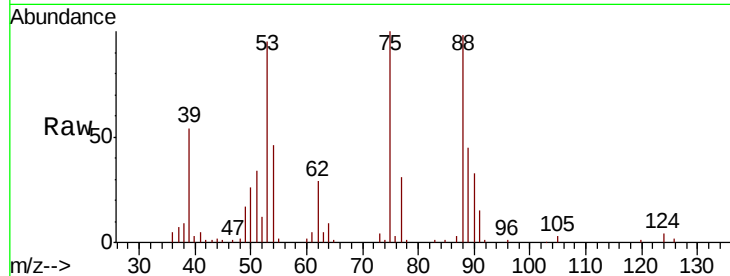
Tot Ion: 75 Resp: 51019

Ion Ratio Lower Upper

75 100

53 96.8 68.1 102.1

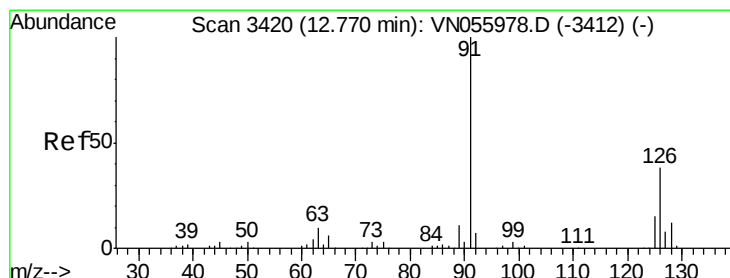
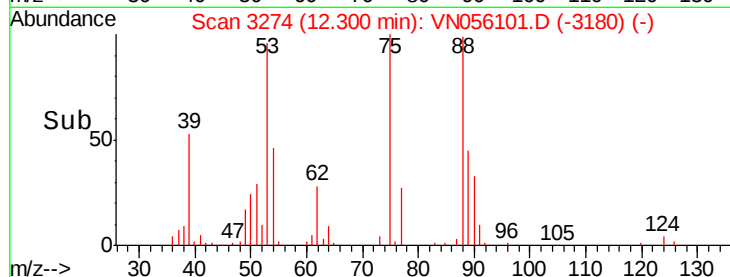
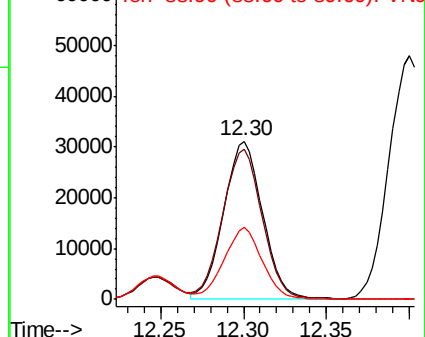
89 44.5 36.9 55.3



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: 49.449 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056101.D

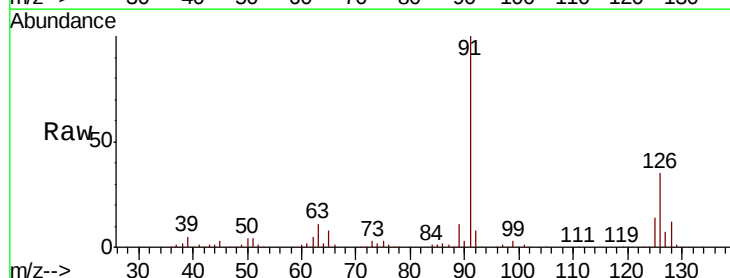
Acq: 7 Jun 2019 16:18

Tgt Ion: 91 Resp: 448431

Ion Ratio Lower Upper

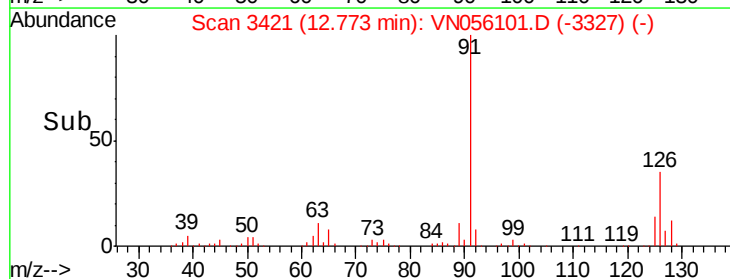
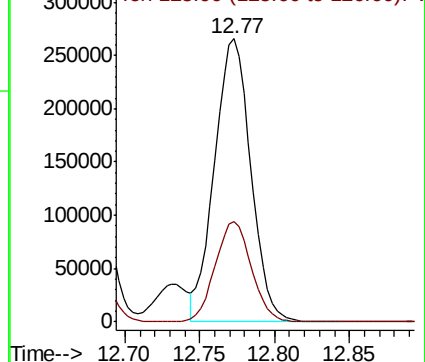
91 100

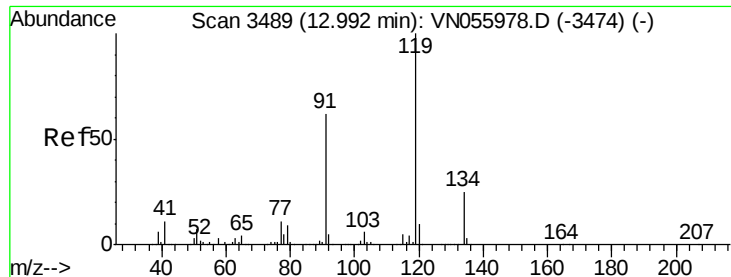
126 35.5 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

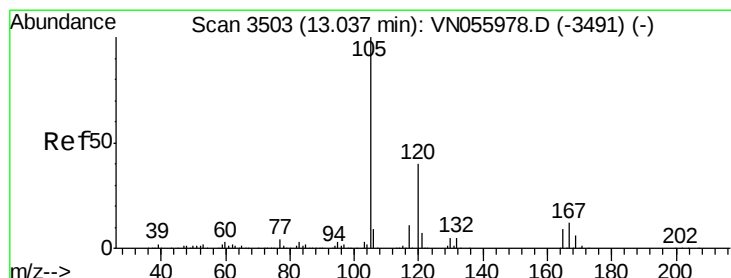
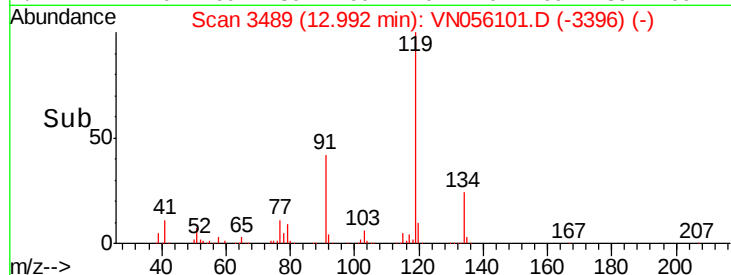
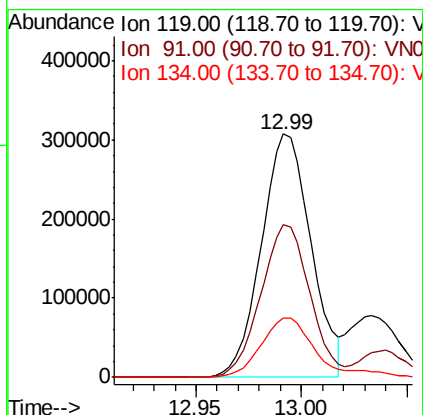
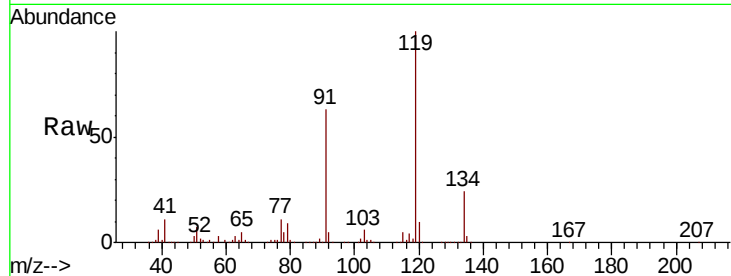




#83  
 tert-Butylbenzene  
 Concen: 52.861 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

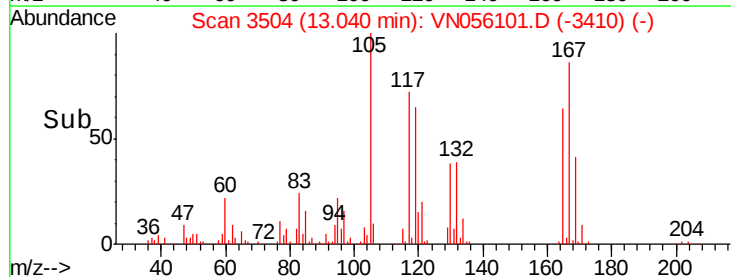
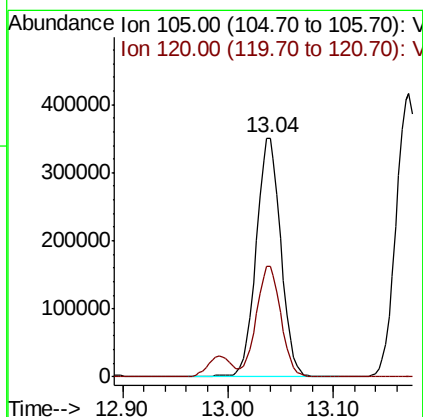
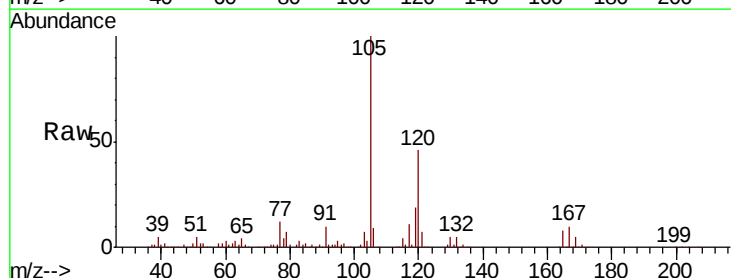
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

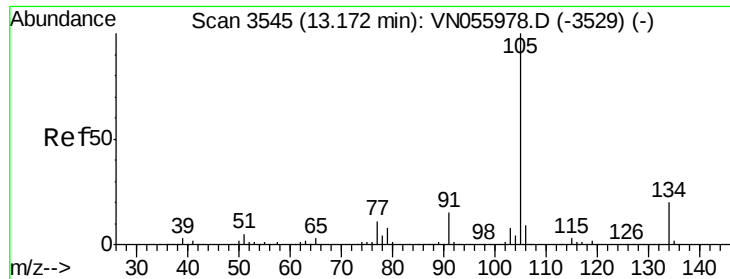
Tot Ion:119 Resp: 503771  
 Ion Ratio Lower Upper  
 119 100  
 91 61.9 30.9 92.8  
 134 27.0 13.3 39.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 48.950 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

Tgt Ion:105 Resp: 571852  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 48.345 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

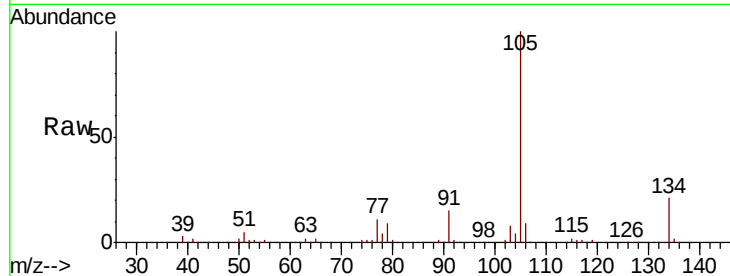
VSTDCCC050

Tot Ion:105 Resp: 663639

Ion Ratio Lower Upper

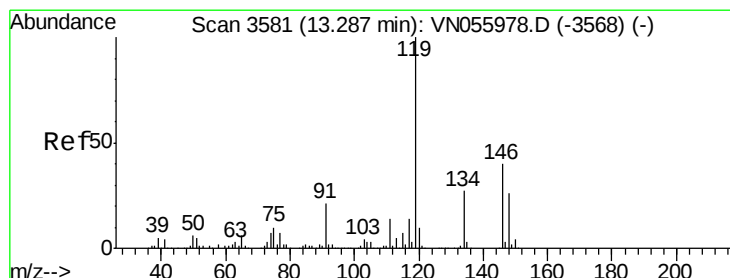
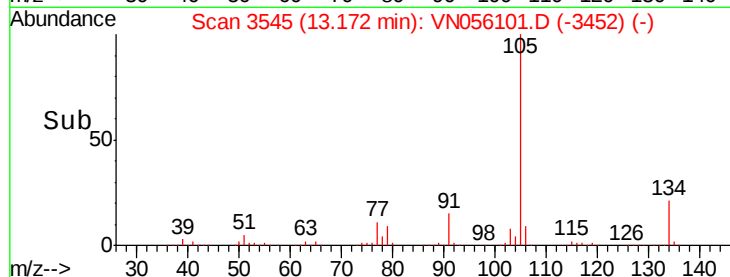
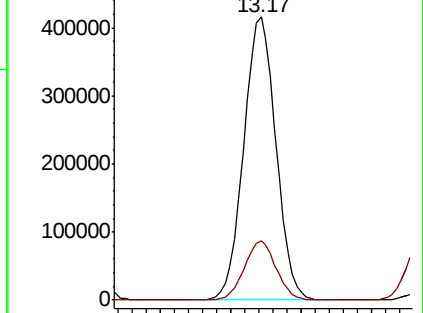
105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.357 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

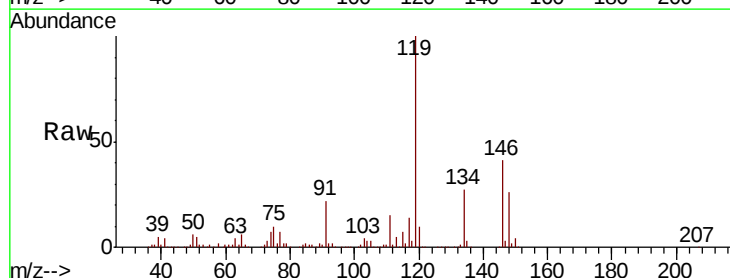
Tgt Ion:119 Resp: 606368

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

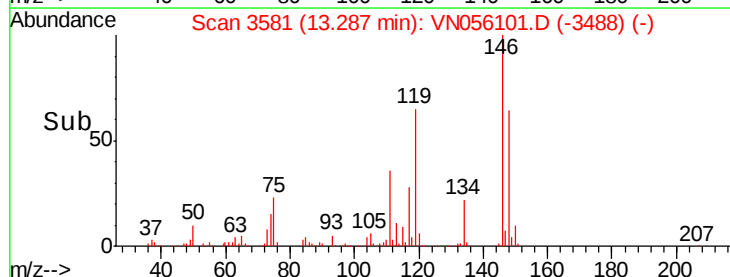
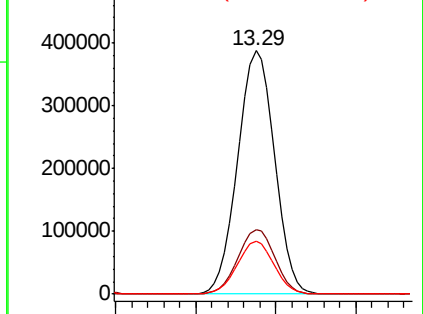
91 21.5 10.9 32.9

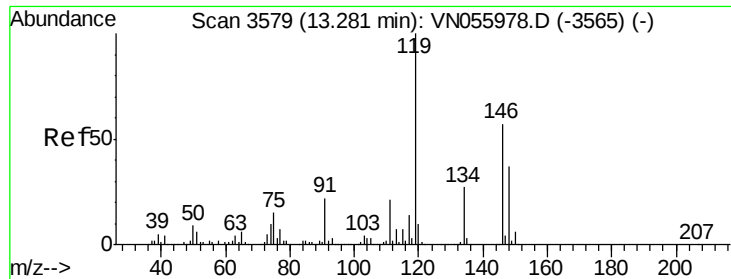


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

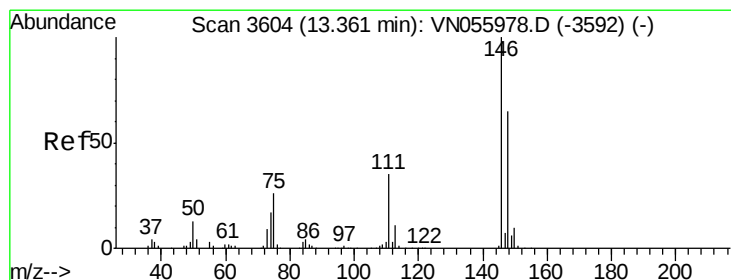
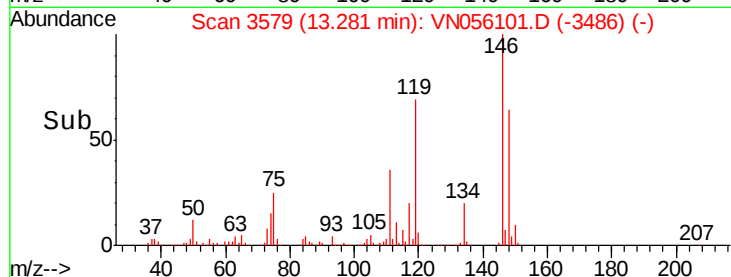
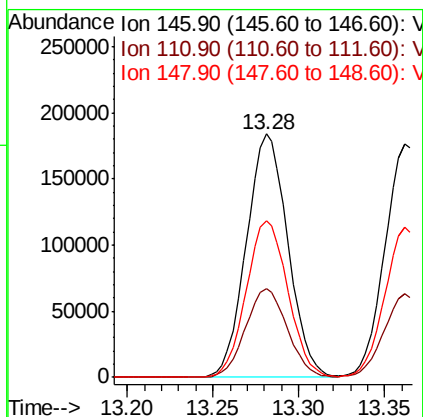
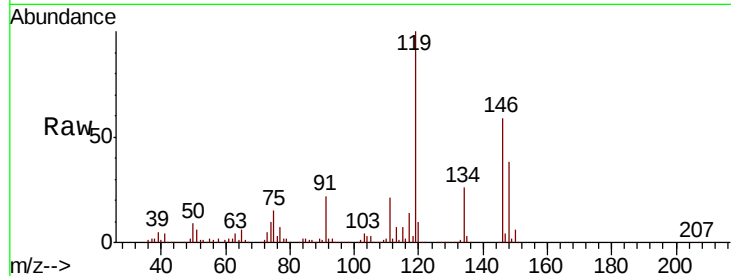




#87  
 1,3-Dichlorobenzene  
 Concen: 50.658 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

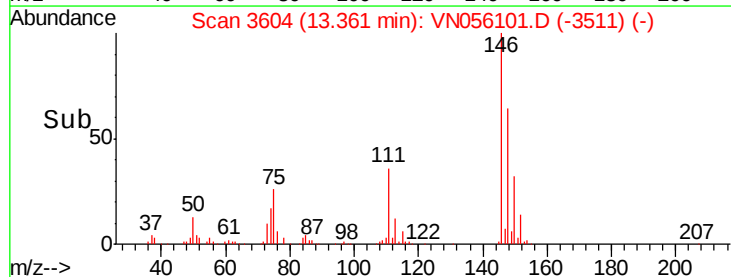
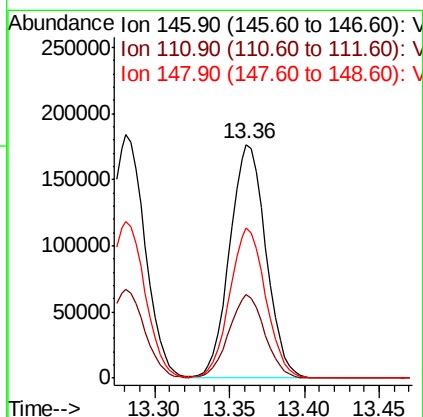
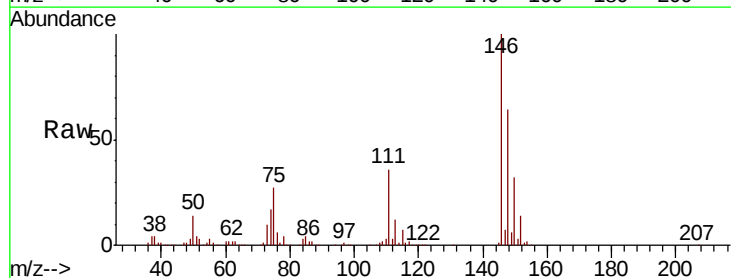
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

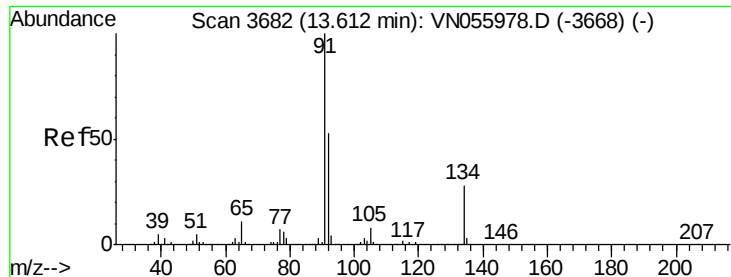
Tot Ion:146 Resp: 307562  
 Ion Ratio Lower Upper  
 146 100  
 111 36.6 18.5 55.5  
 148 64.7 32.0 96.2



#88  
 1,4-Dichlorobenzene  
 Concen: 50.954 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

Tgt Ion:146 Resp: 297588  
 Ion Ratio Lower Upper  
 146 100  
 111 35.3 18.1 54.4  
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 51.820 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

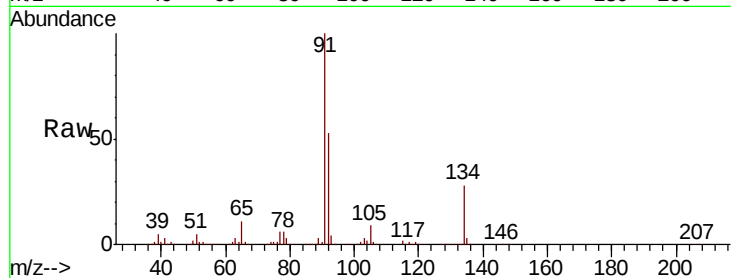
Tot Ion: 91 Resp: 471607

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.0

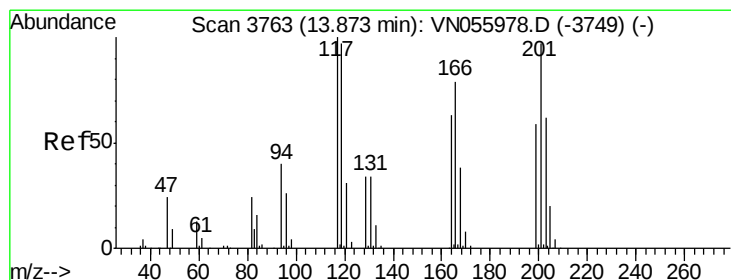
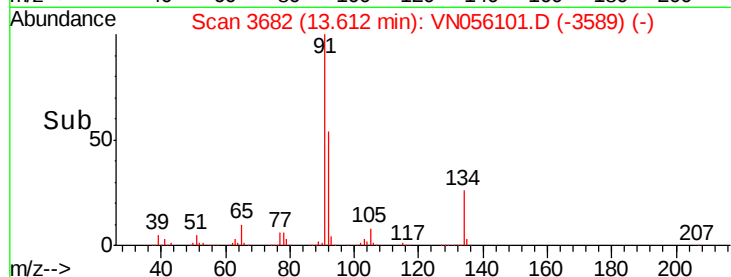
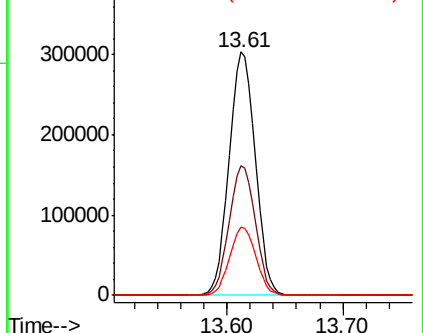
134 28.0 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)



#90

Hexachloroethane

Concen: 47.712 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056101.D

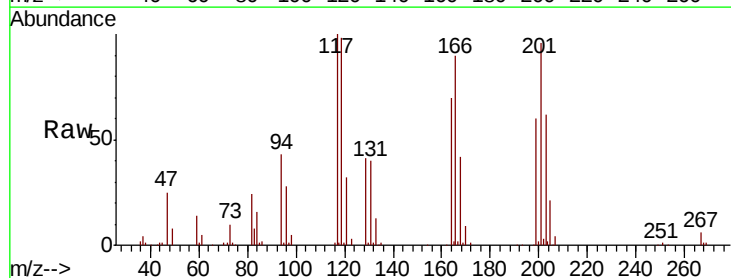
Acq: 7 Jun 2019 16:18

Tgt Ion: 117 Resp: 88398

Ion Ratio Lower Upper

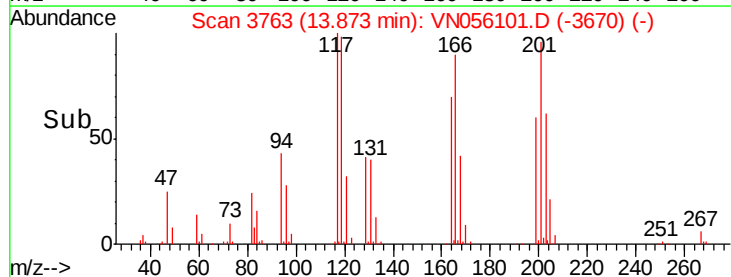
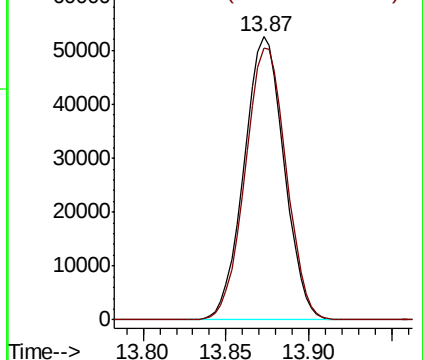
117 100

201 98.0 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 49.286 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

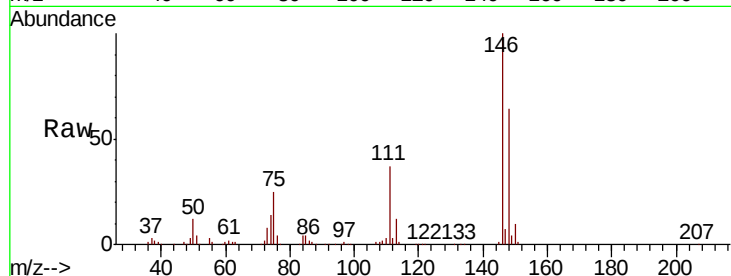
Tot Ion:146 Resp: 302110

Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.5

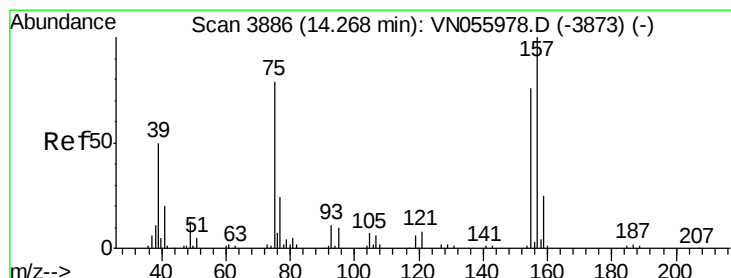
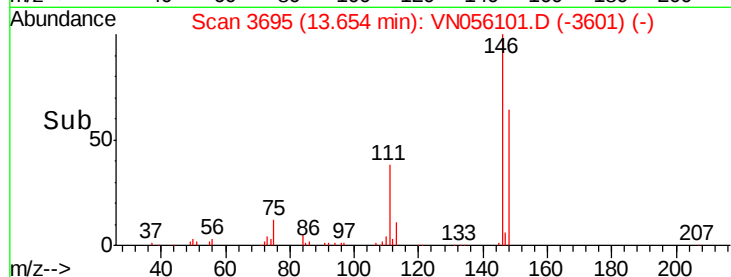
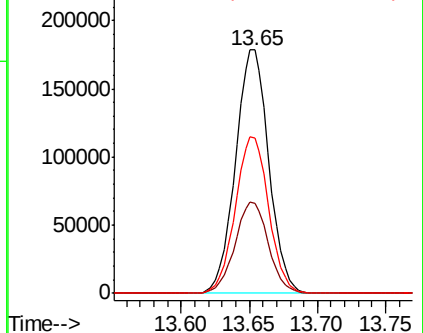
148 64.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.295 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

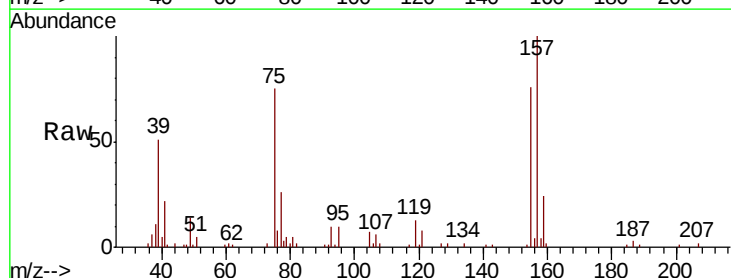
Tgt Ion: 75 Resp: 31206

Ion Ratio Lower Upper

75 100

155 102.8 50.0 150.1

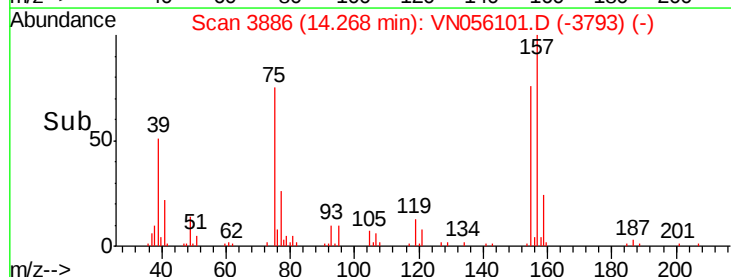
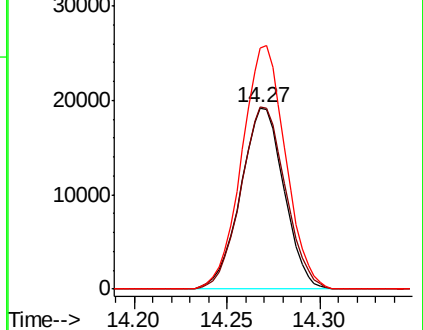
157 135.2 64.8 194.3



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

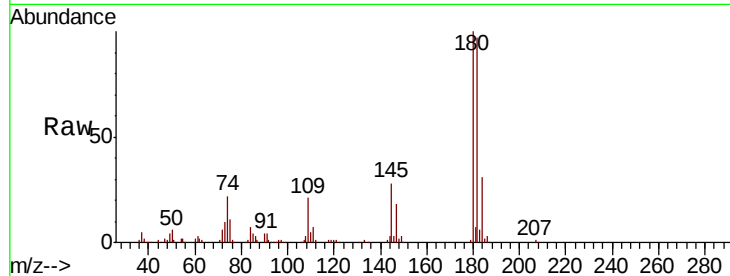




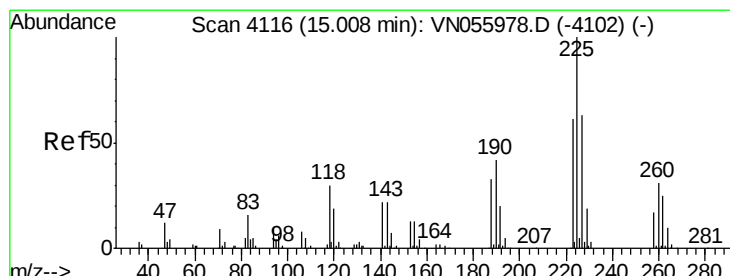
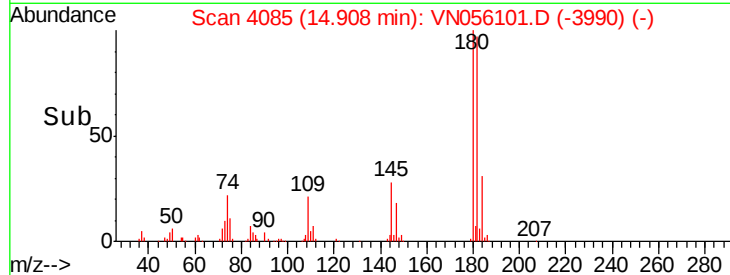
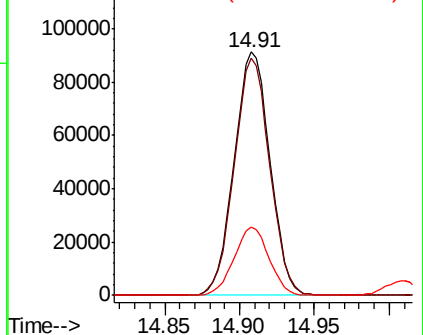
#93  
 1,2,4-Trichlorobenzene  
 Concen: 45.494 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.4  | 48.3  | 144.9 |
| 145     | 27.4  | 14.0  | 41.9  |

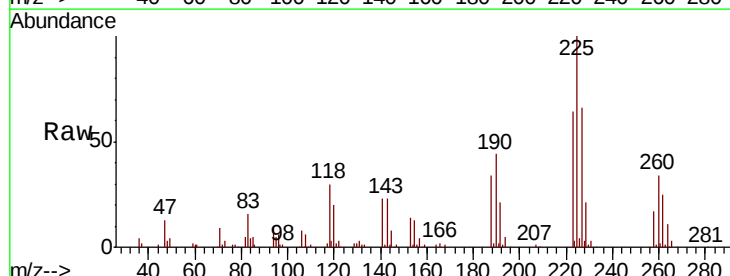


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

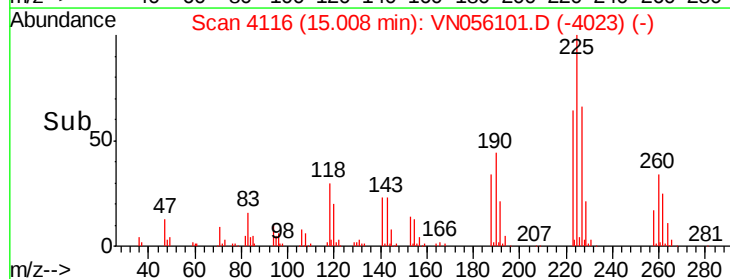
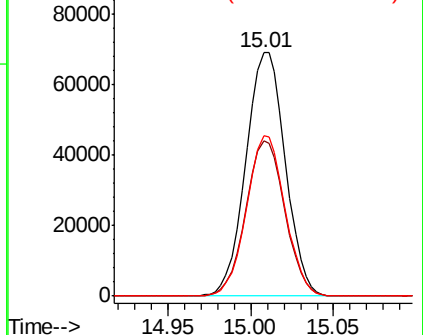


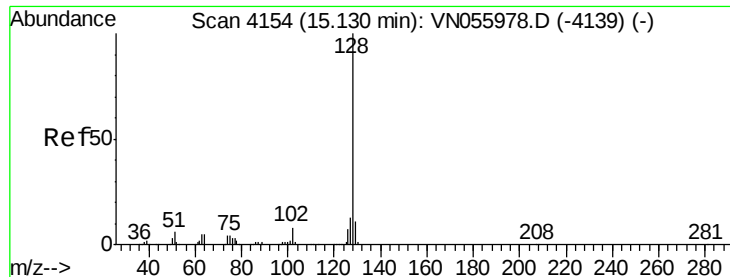
#94  
 Hexachlorobutadiene  
 Concen: 54.651 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN056101.D  
 Acq: 7 Jun 2019 16:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 30.9  | 92.7  |
| 227     | 64.1  | 31.6  | 94.7  |



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: 45.353 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDC0050

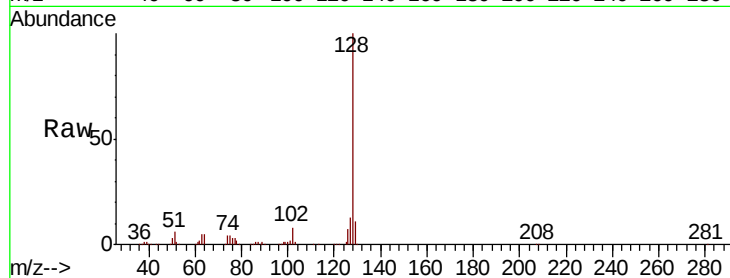
Tot Ion:128 Resp: 394058

Ion Ratio Lower Upper

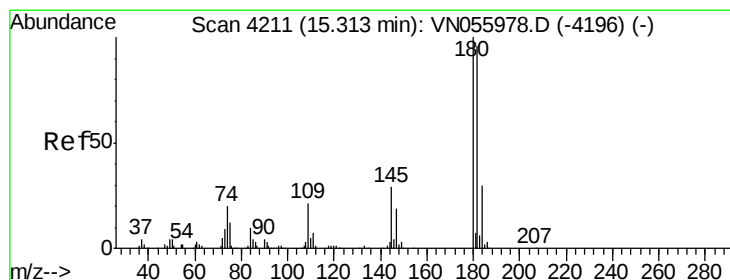
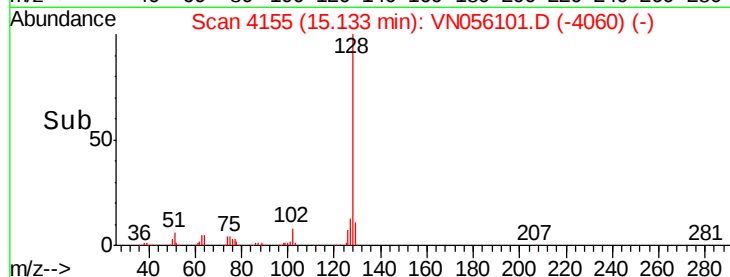
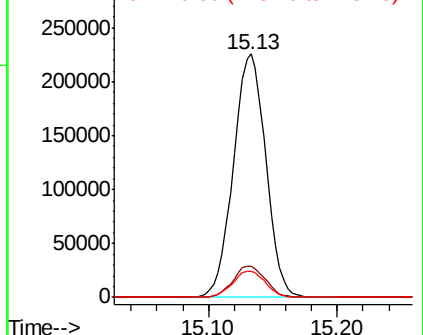
128 100

127 12.8 10.3 15.5

129 10.9 8.7 13.1



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: 47.327 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

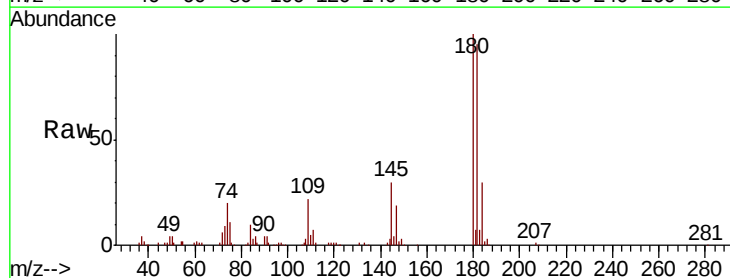
Tgt Ion:180 Resp: 162325

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 29.5 14.9 44.7



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

