

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\  
 Data File : VN056848.D  
 Acq On : 19 Jul 2019 21:30  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 19 23:19:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 16 07:03:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 299924   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 466829   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 418539   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 187992   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 164053   | 49.45 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.90%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 145403   | 50.05 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.10% |          |
| 50) Toluene-d8              | 10.09 | 98   | 553015   | 49.29 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.58%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 191064   | 50.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.98% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 127429   | 45.248  | ug/l  | 98     |
| 3) Chloromethane              | 2.06 | 50   | 178262   | 47.080  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.18 | 62   | 167854   | 46.036  | ug/l  | 100    |
| 5) Bromomethane               | 2.54 | 94   | 96086    | 44.813  | ug/l  | 98     |
| 6) Chloroethane               | 2.69 | 64   | 98374    | 46.300  | ug/l  | 96     |
| 7) Trichlorofluoromethane     | 3.01 | 101  | 224258   | 47.933  | ug/l  | 99     |
| 8) Diethyl Ether              | 3.41 | 74   | 94668    | 51.899  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101  | 138096   | 49.129  | ug/l  | 100    |
| 10) Methyl Iodide             | 3.95 | 142  | 185981   | 49.467  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.79 | 59   | 149247   | 270.272 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 138397   | 49.086  | ug/l  | 96     |
| 13) Acrolein                  | 3.60 | 56   | 42207    | 224.901 | ug/l  | 97     |
| 14) Allyl chloride            | 4.32 | 41   | 236358   | 48.475  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.99 | 53   | 417447   | 261.772 | ug/l  | 99     |
| 16) Acetone                   | 3.82 | 43   | 327479   | 214.204 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.05 | 76   | 331095   | 44.439  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.32 | 43   | 186003   | 54.254  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.04 | 73   | 463458   | 51.590  | ug/l  | 97     |
| 20) Methylene Chloride        | 4.55 | 84   | 166948   | 49.970  | ug/l  | 96     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 147319   | 49.431  | ug/l  | 97     |
| 22) Diisopropyl ether         | 5.95 | 45   | 501922   | 52.151  | ug/l  | 99     |
| 23) Vinyl Acetate             | 5.90 | 43   | 2063822  | 264.626 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 279954   | 50.171  | ug/l  | 100    |
| 25) 2-Butanone                | 6.83 | 43   | 550649   | 246.359 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 176450   | 43.856  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 175922   | 51.299  | ug/l  | 100    |
| 28) Bromochloromethane        | 7.19 | 49   | 135193   | 51.530  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 7.21 | 42   | 375808   | 257.787 | ug/l  | 98     |
| 30) Chloroform                | 7.37 | 83   | 280066   | 50.157  | ug/l  | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 256538   | 48.371  | ug/l  | 100    |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 228224   | 51.682  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 205449   | 47.559  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.93 | 43   | 223135   | 52.408  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 200049   | 49.381  | ug/l  | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 19 23:19:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 16 07:03:34 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| -----                          |       |      |          |          |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 252212   | 47.284   | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 656165   | 49.573   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 105125   | 56.211   | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 207980   | 49.717   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.17  | 43   | 356751   | 53.299   | ug/l   | 98       |
| 44) Trichloroethene            | 8.83  | 130  | 175393   | 48.797   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 177973   | 50.602   | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 111928   | 51.354   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.40  | 83   | 213726   | 51.603   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 173429   | 53.577   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 70112    | 1055.591 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 1112571  | 256.638  | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 401342   | 51.056   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 226019   | 52.306   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 256231   | 51.100   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 167388   | 50.769   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 254355   | 53.616   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 275953   | 51.246   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 562788   | 246.701  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 801054   | 257.520  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 172734   | 53.271   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 174076   | 53.126   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 176883   | 48.987   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 436104   | 50.959   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 162371   | 51.530   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 762583   | 50.704   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 569189   | 101.265  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 279948   | 50.661   | ug/l   | 98       |
| 70) Styrene                    | 11.96 | 104  | 473607   | 53.013   | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 129317   | 53.938   | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 740351   | 48.842   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 277964   | 49.239   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 238775   | 54.577   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 294131   | 71.536   | ug/l # | 100      |
| 77) Bromobenzene               | 12.52 | 156  | 196125   | 49.468   | ug/l   | 97       |
| 78) n-propylbenzene            | 12.59 | 91   | 817305   | 48.568   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 496440   | 53.500   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 628997   | 48.961   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 66505    | 49.953   | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 483506   | 48.960   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 544068   | 54.456   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 617842   | 49.228   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 699224   | 48.981   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 638114   | 49.344   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 319071   | 49.107   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 311821   | 49.337   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 503690   | 48.354   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 106130   | 50.749   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 326618   | 49.150   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 40620    | 49.975   | ug/l   | 99       |

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Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 31 Sample Multiplier: 1

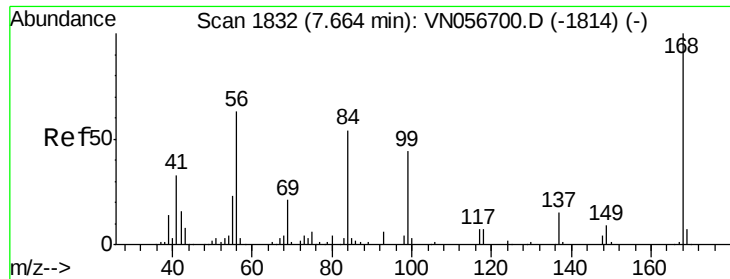
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jul 19 23:19:17 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 16 07:03:34 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.90 | 180  | 158286   | 43.623 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 111472   | 53.481 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 403352   | 40.947 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 161639   | 44.721 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

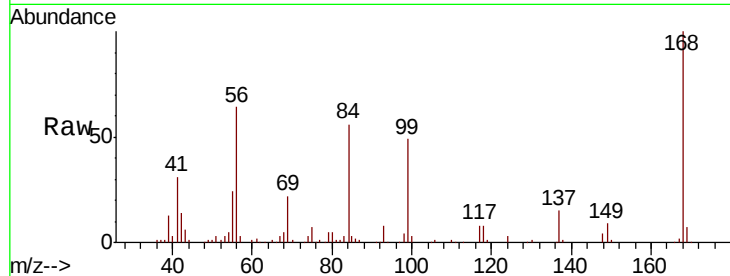
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:168 Resp: 299924

Ion Ratio Lower Upper

168 100

99 48.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

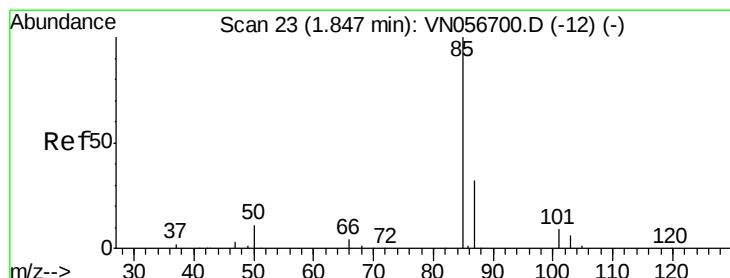
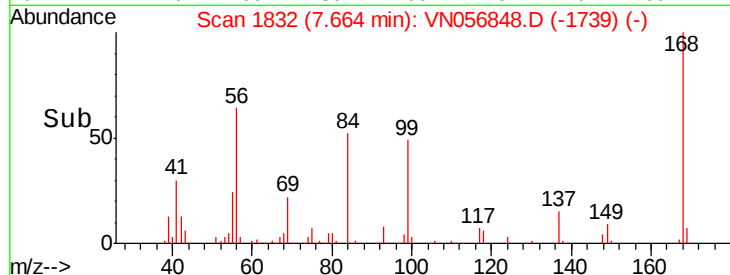
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.248 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056848.D

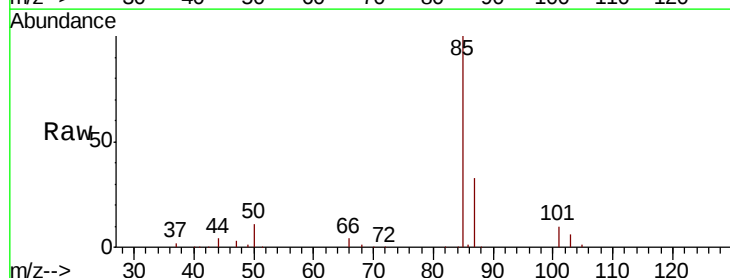
Acq: 19 Jul 2019 21:30

Tgt Ion: 85 Resp: 127429

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

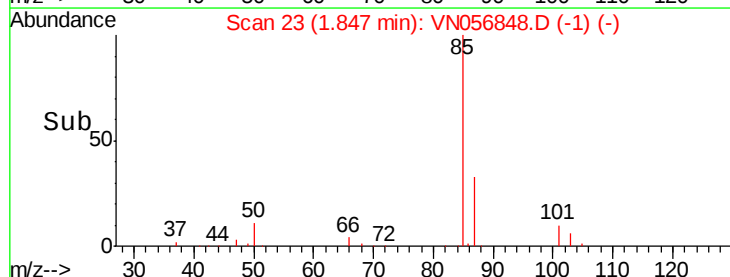
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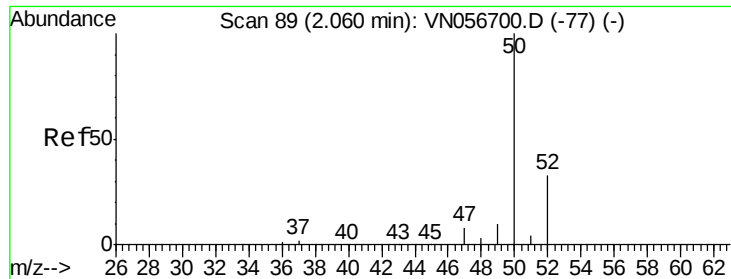
40000

20000

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Time-->





#3

Chloromethane

Concen: 47.080 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

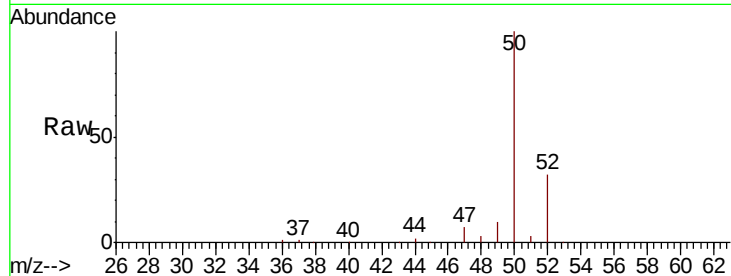
ClientSampled :

Tot Ion: 50 Resp: 178262

Ion Ratio Lower Upper

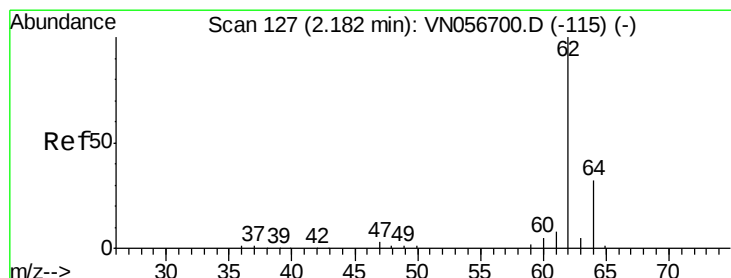
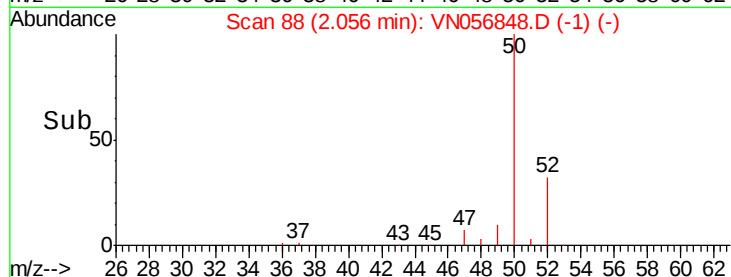
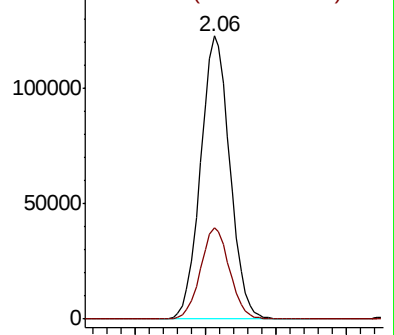
50 100

52 32.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.036 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056848.D

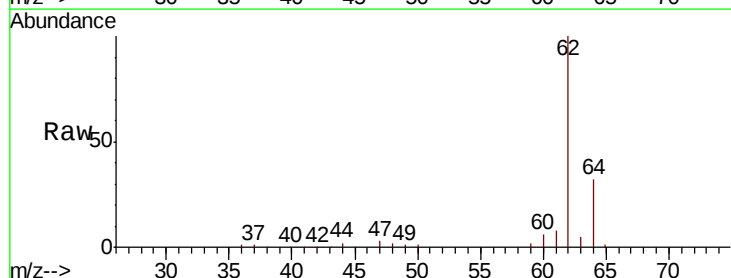
Acq: 19 Jul 2019 21:30

Tgt Ion: 62 Resp: 167854

Ion Ratio Lower Upper

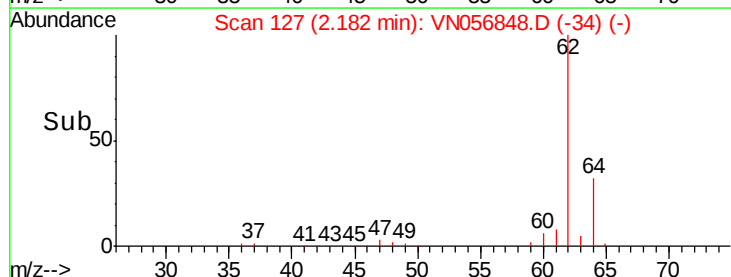
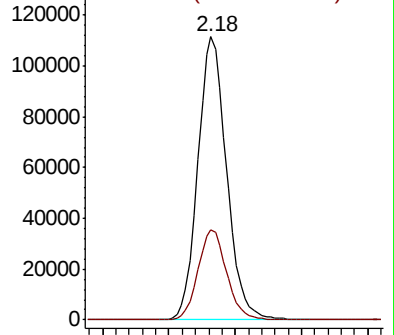
62 100

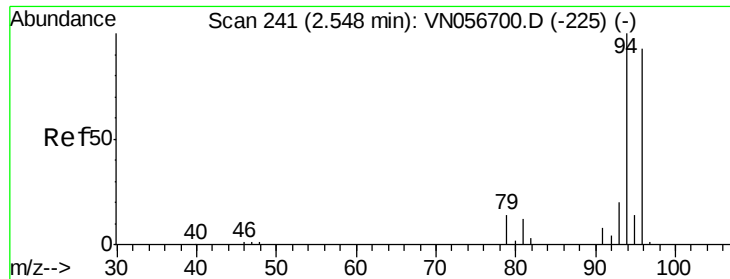
64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 44.813 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

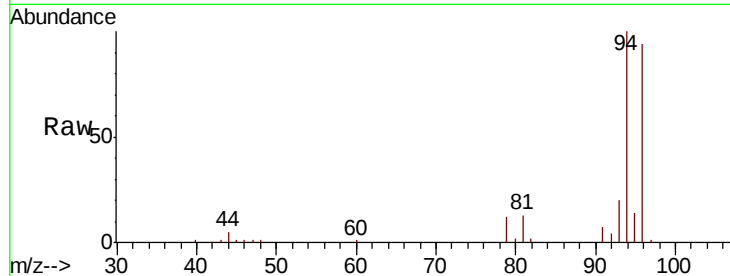
ClientSampled :

Tot Ion: 94 Resp: 96086

Ion Ratio Lower Upper

94 100

96 94.1 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

50000

40000

30000

20000

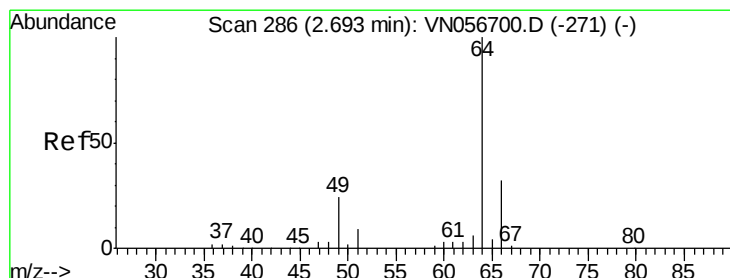
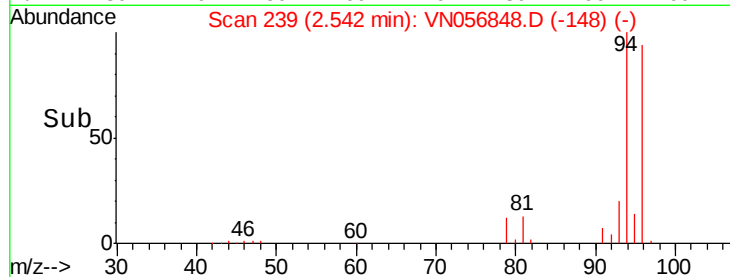
10000

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Time-->

2.50

2.60



#6

Chloroethane

Concen: 46.300 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.00 min

Lab File: VN056848.D

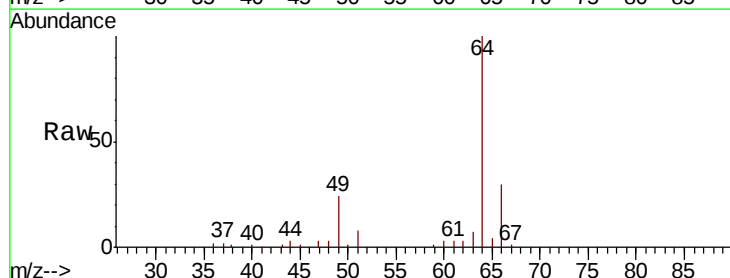
Acq: 19 Jul 2019 21:30

Tgt Ion: 64 Resp: 98374

Ion Ratio Lower Upper

64 100

66 30.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.69

50000

40000

30000

20000

10000

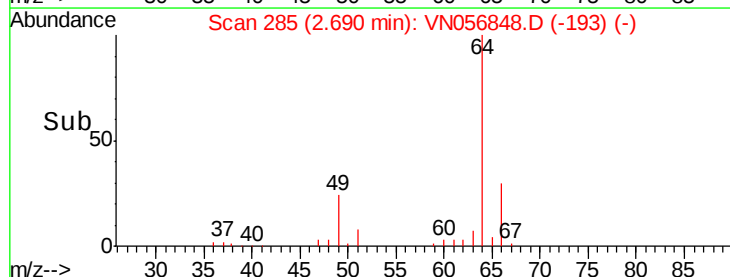
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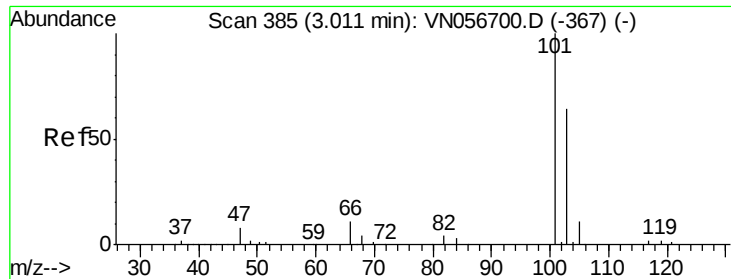
Time-->

2.60

2.70

2.80



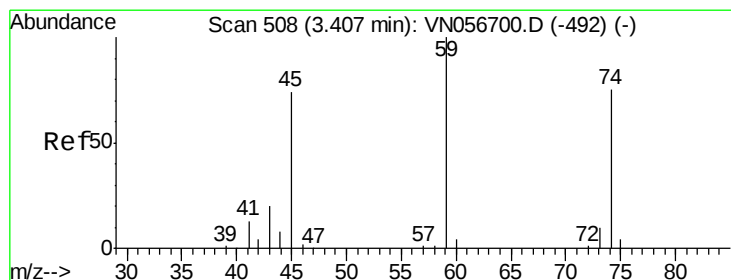
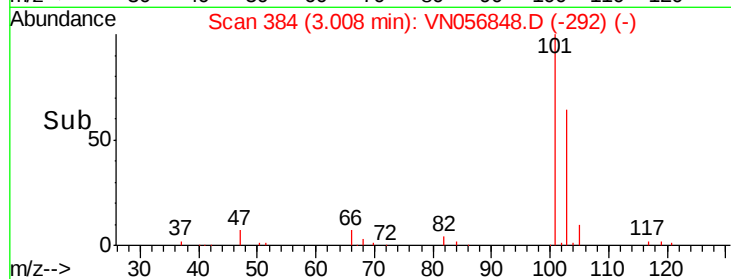
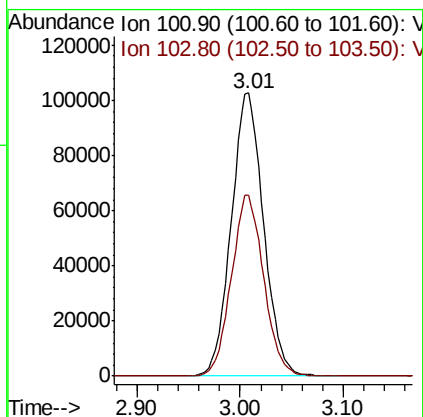
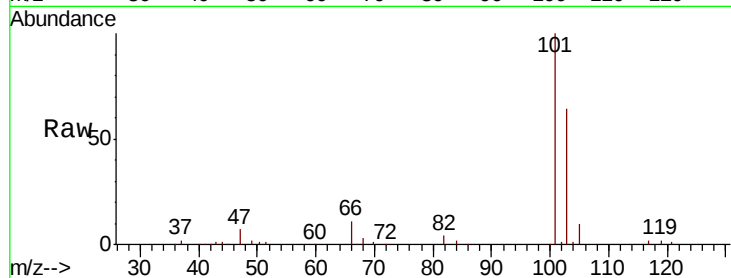


#7

Trichlorofluoromethane  
Concen: 47.933 ug/l  
RT: 3.01 min Scan# 384  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Instrument :  
MSVOA\_N  
ClientSampled :

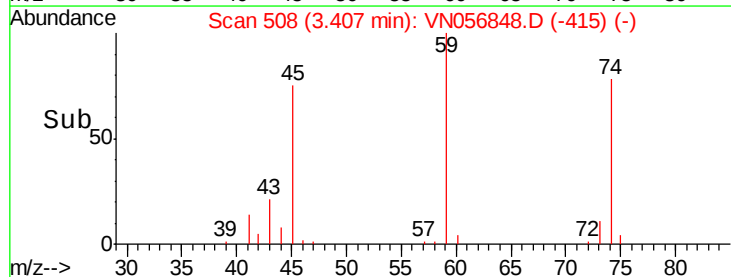
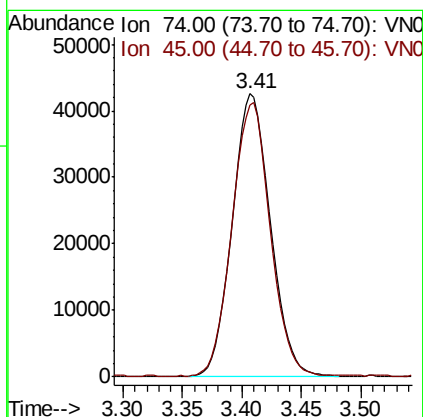
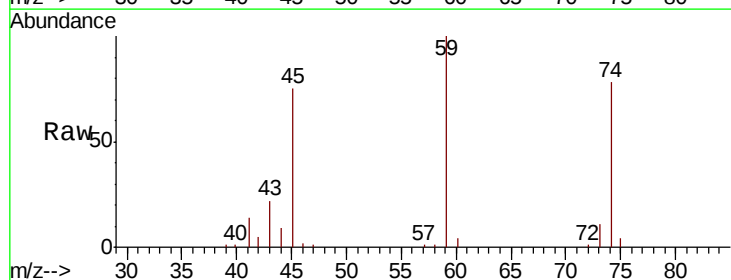
Tot Ion:101 Resp: 224258  
Ion Ratio Lower Upper  
101 100  
103 63.8 51.5 77.3

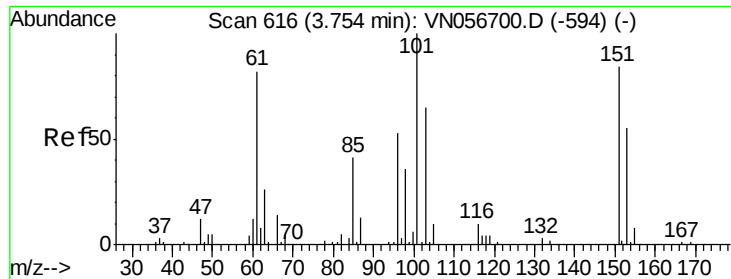


#8

Diethyl Ether  
Concen: 51.899 ug/l  
RT: 3.41 min Scan# 508  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion: 74 Resp: 94668  
Ion Ratio Lower Upper  
74 100  
45 96.3 49.4 148.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.129 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

ClientSampled :

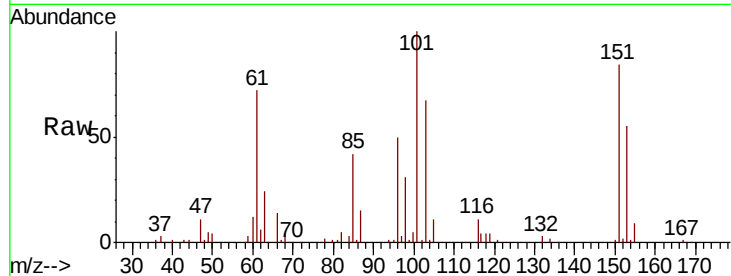
Tot Ion:101 Resp: 138096

Ion Ratio Lower Upper

101 100

85 41.4 33.3 49.9

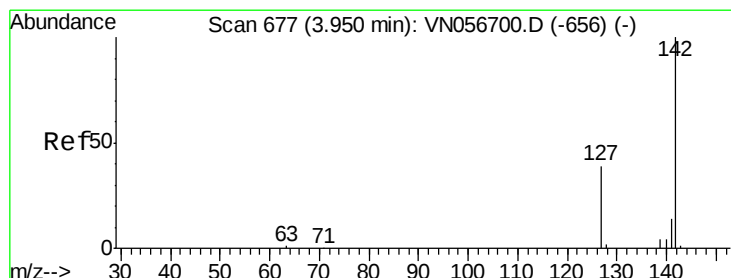
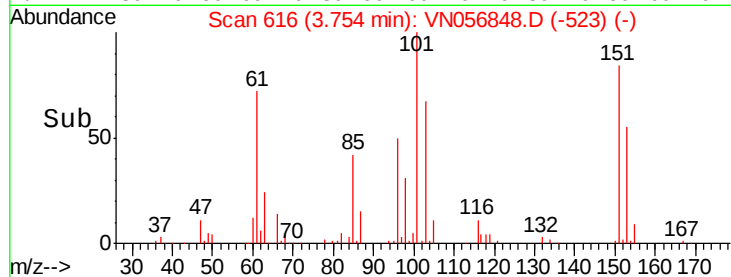
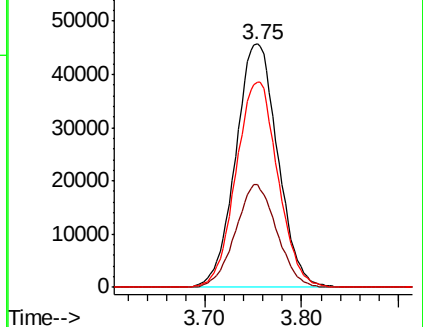
151 84.2 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.467 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

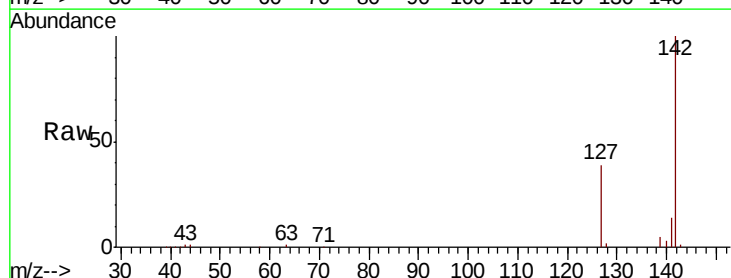
Tgt Ion:142 Resp: 185981

Ion Ratio Lower Upper

142 100

127 38.1 30.7 46.1

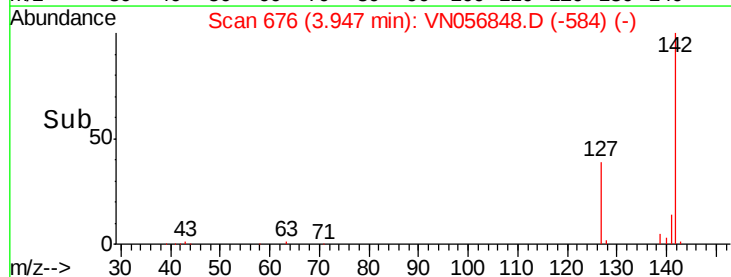
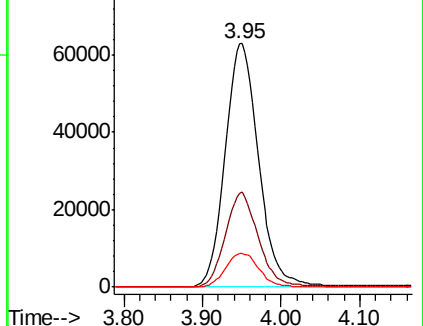
141 13.8 11.3 16.9

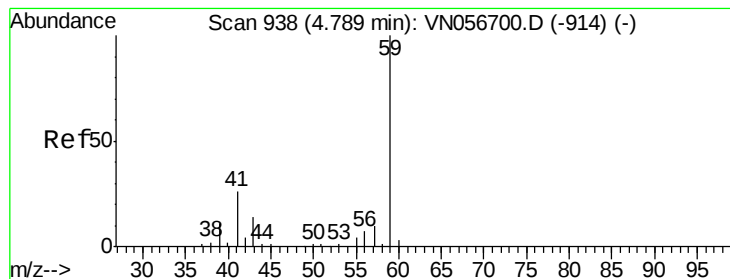


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



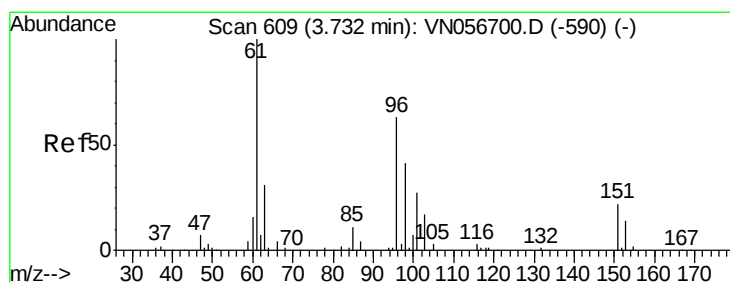
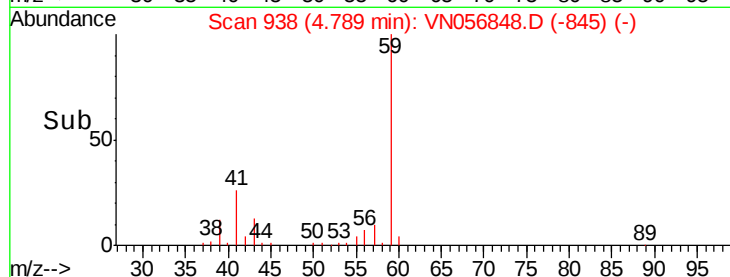
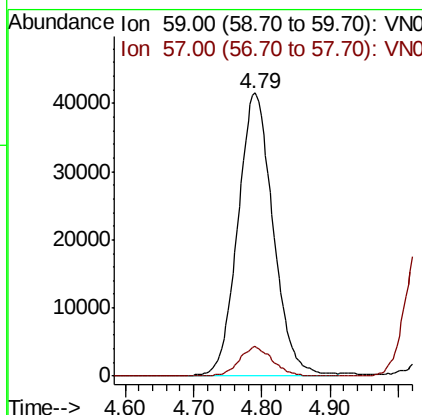
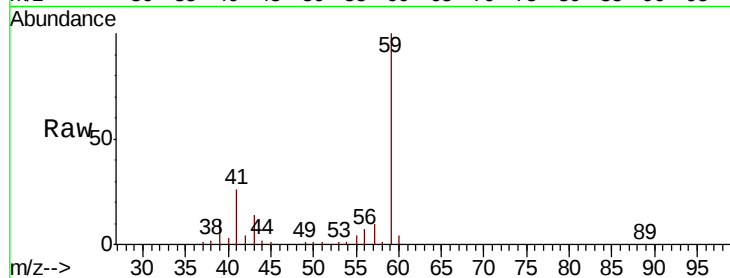


#11

Tert butyl alcohol  
 Concen: 270.272 ug/l  
 RT: 4.79 min Scan# 938  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :

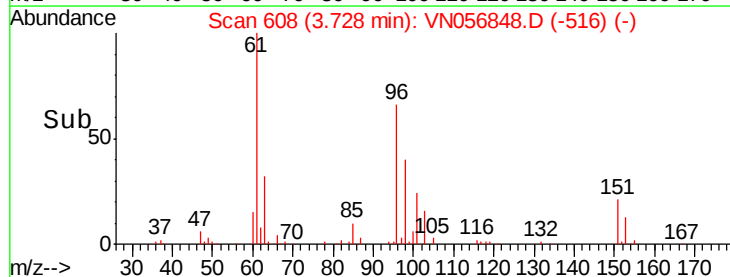
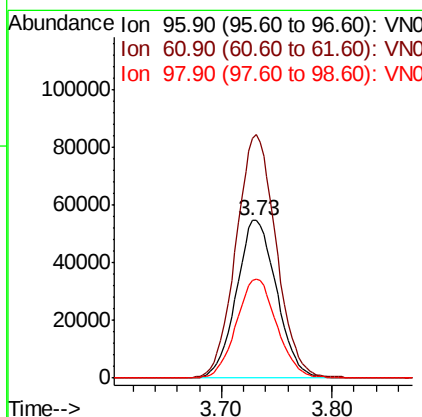
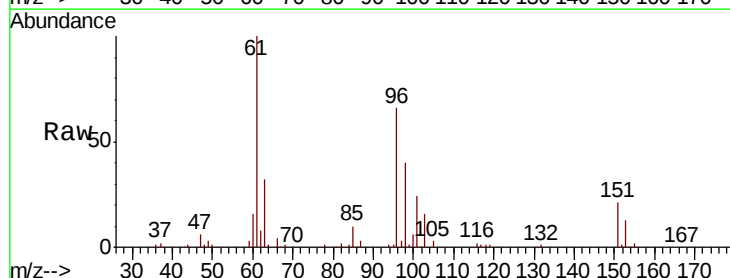
Tot Ion: 59 Resp: 149247  
 Ion Ratio Lower Upper  
 59 100  
 57 9.7 8.0 12.0

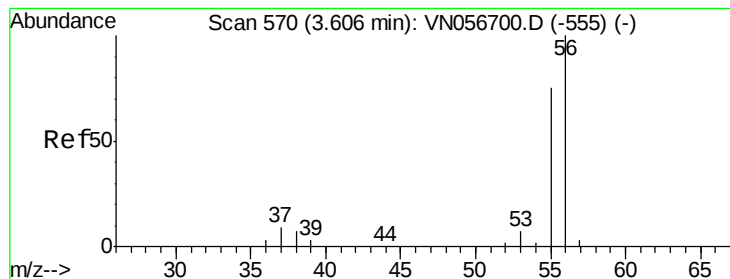


#12

1,1-Dichloroethene  
 Concen: 49.086 ug/l  
 RT: 3.73 min Scan# 608  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Tgt Ion: 96 Resp: 138397  
 Ion Ratio Lower Upper  
 96 100  
 61 152.3 126.6 189.8  
 98 61.7 51.4 77.2





#13

Acrolein

Concen: 224.901 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

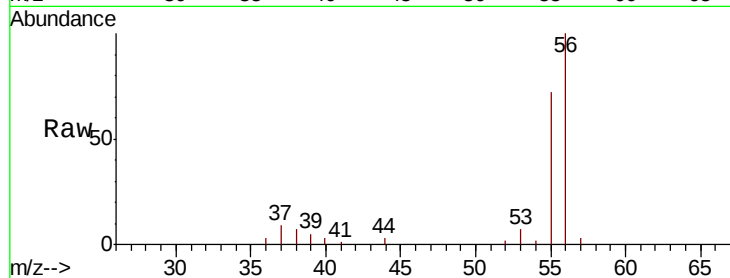
ClientSampled :

Tot Ion: 56 Resp: 42207

Ion Ratio Lower Upper

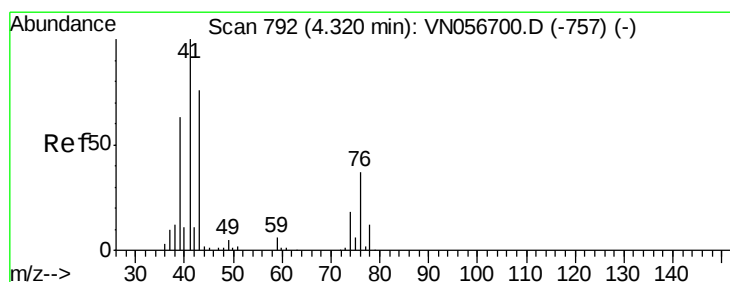
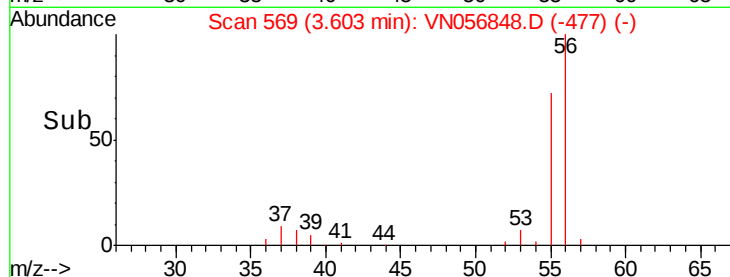
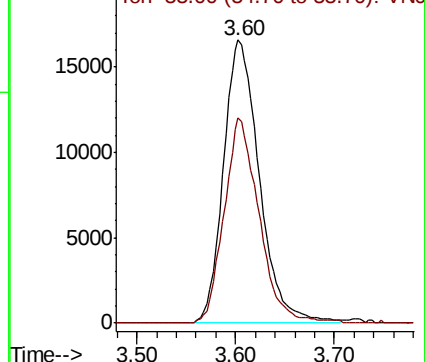
56 100

55 70.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.475 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

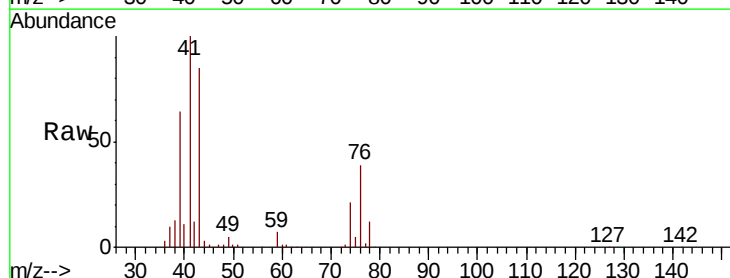
Tgt Ion: 41 Resp: 236358

Ion Ratio Lower Upper

41 100

39 58.6 46.9 70.3

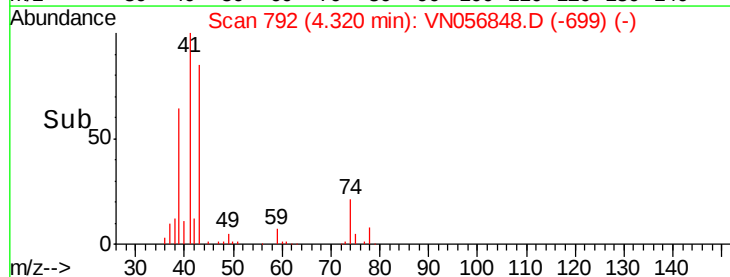
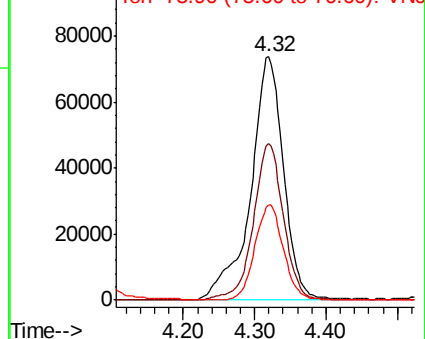
76 33.9 26.5 39.7

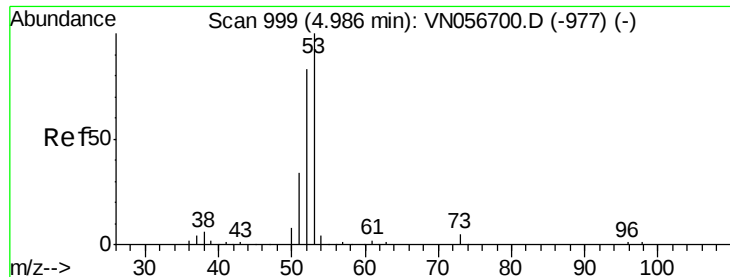


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 261.772 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :  
MSVOA\_N  
ClientSampleId :

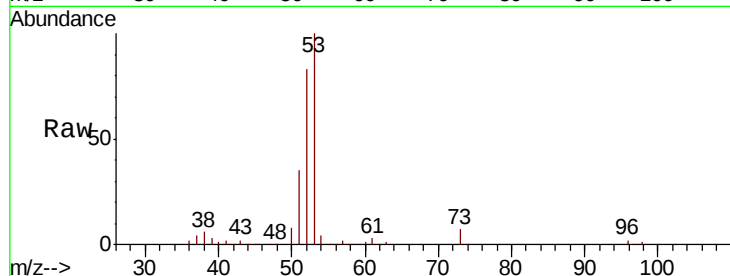
Tot Ion: 53 Resp: 417447

Ion Ratio Lower Upper

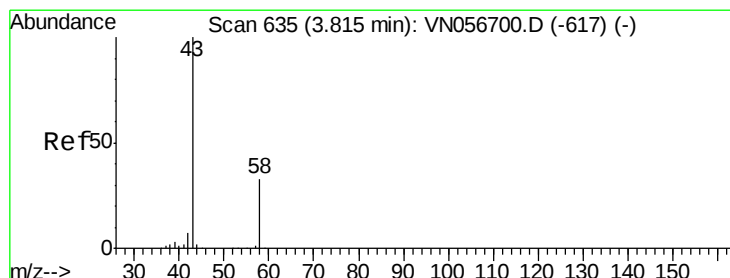
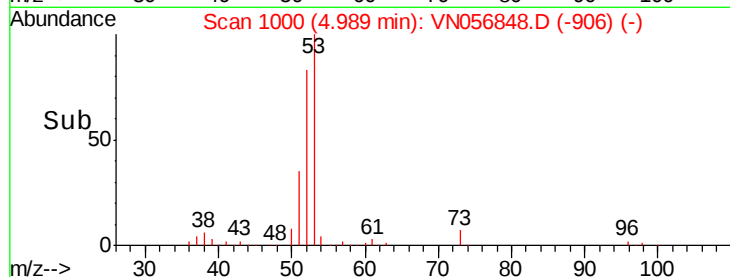
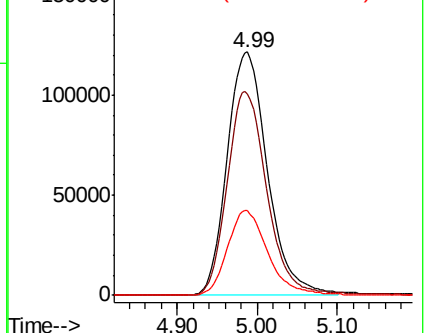
53 100

52 82.1 66.6 99.8

51 35.1 28.4 42.6



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: 214.204 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN056848.D

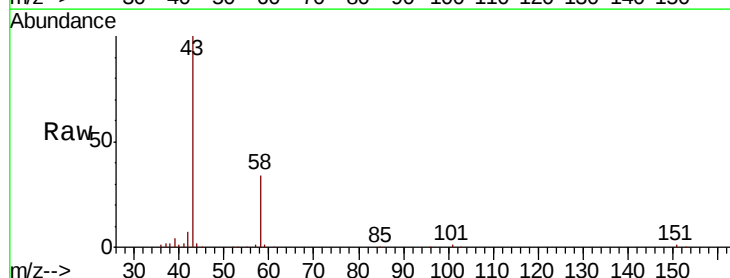
Acq: 19 Jul 2019 21:30

Tgt Ion: 43 Resp: 327479

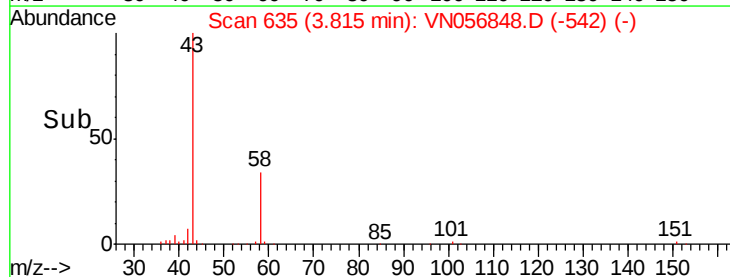
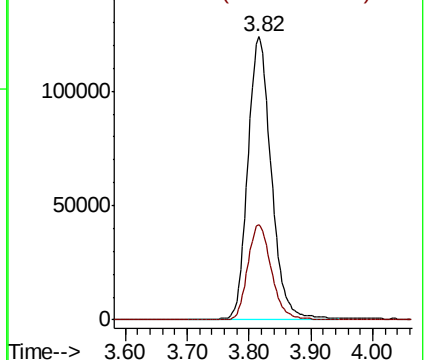
Ion Ratio Lower Upper

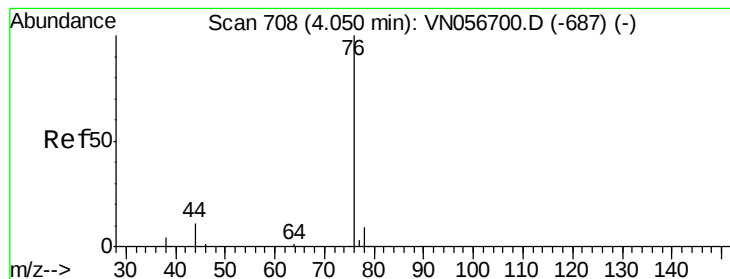
43 100

58 33.8 26.7 40.1



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





#17

Carbon Disulfide

Concen: 44.439 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

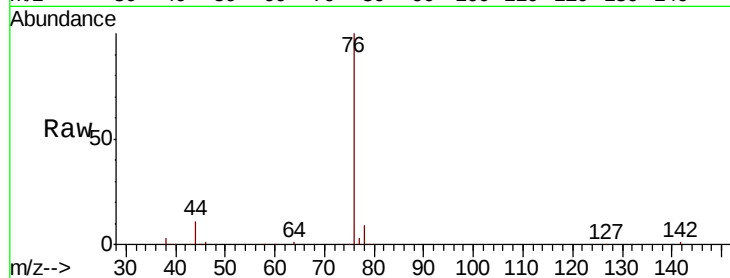
ClientSampled :

Tot Ion: 76 Resp: 331095

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

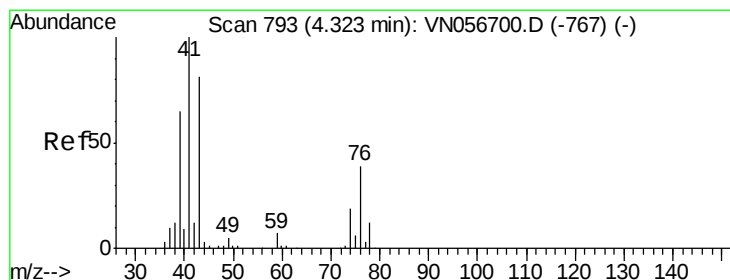
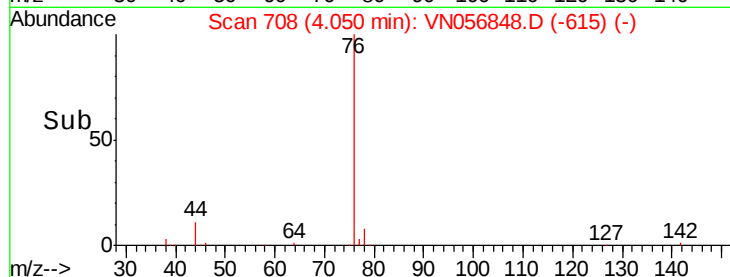
4.05

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 54.254 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056848.D

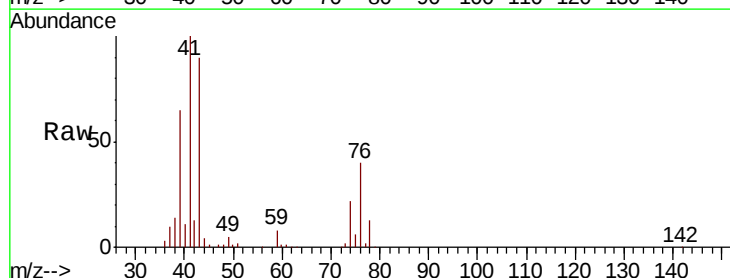
Acq: 19 Jul 2019 21:30

Tgt Ion: 43 Resp: 186003

Ion Ratio Lower Upper

43 100

74 24.0 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.32

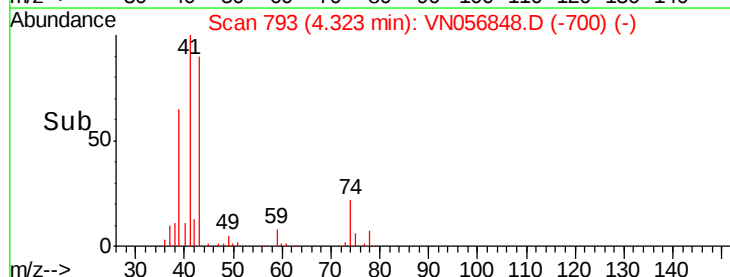
60000

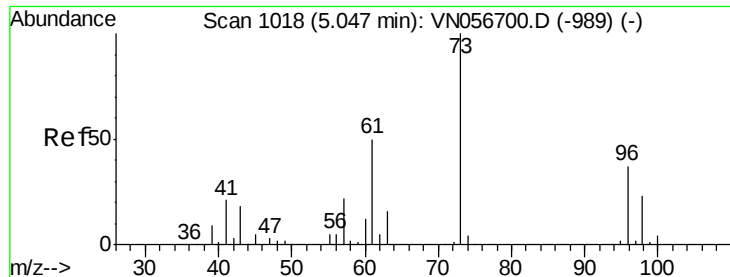
40000

20000

0

Time-->

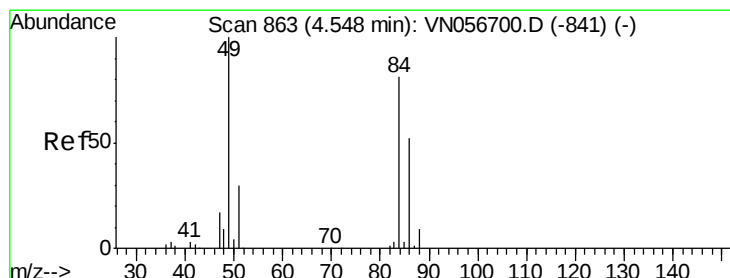
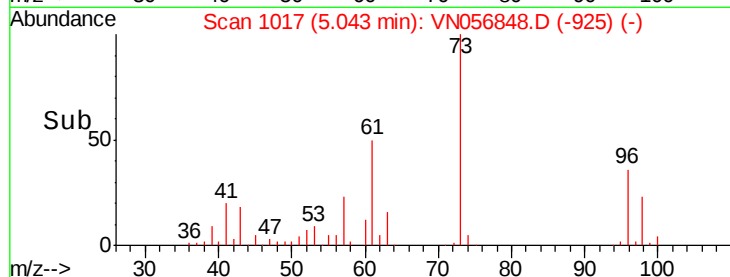
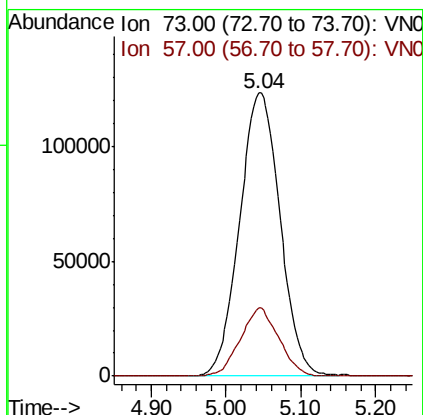
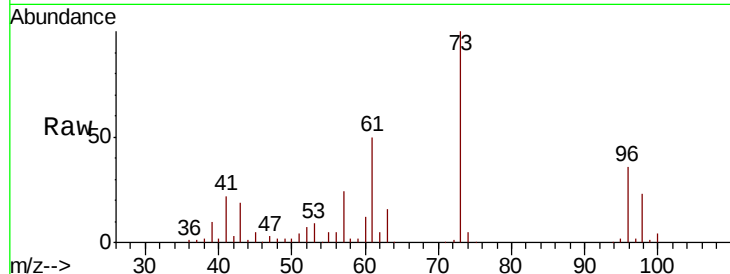




#19  
Methyl tert-butyl Ether  
Concen: 51.590 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

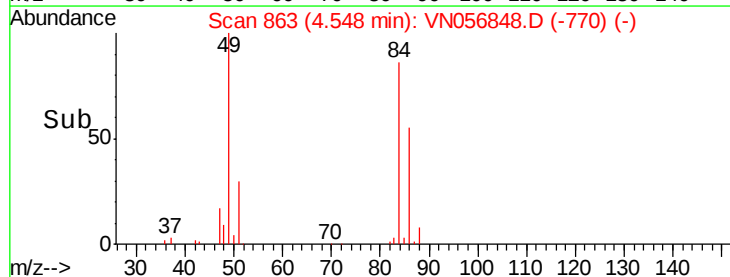
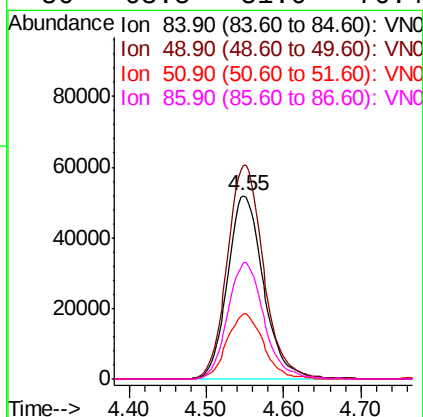
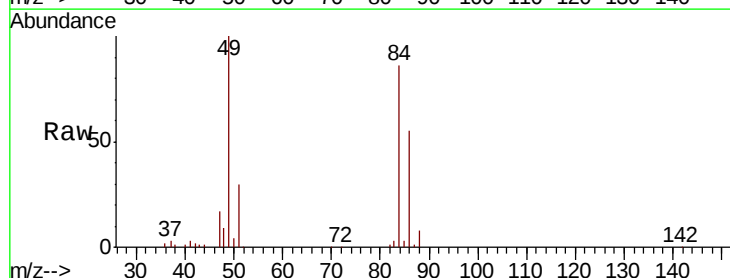
Instrument :  
MSVOA\_N  
ClientSampled :

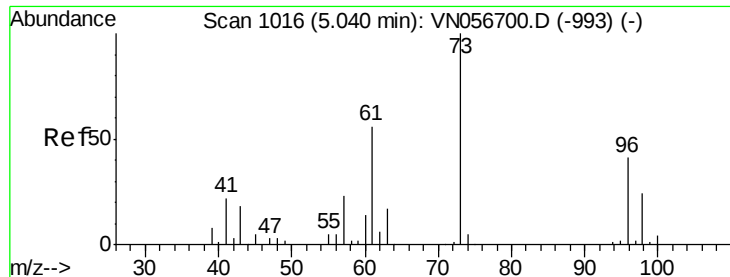
Tot Ion: 73 Resp: 463458  
Ion Ratio Lower Upper  
73 100  
57 24.0 17.9 26.9



#20  
Methylene Chloride  
Concen: 49.970 ug/l  
RT: 4.55 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion: 84 Resp: 166948  
Ion Ratio Lower Upper  
84 100  
49 116.3 98.2 147.4  
51 35.5 29.6 44.4  
86 63.5 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 49.431 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :  
MSVOA\_N  
ClientSampled :

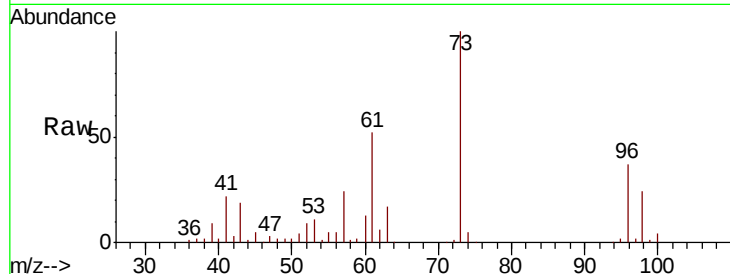
Tot Ion: 96 Resp: 147319

Ion Ratio Lower Upper

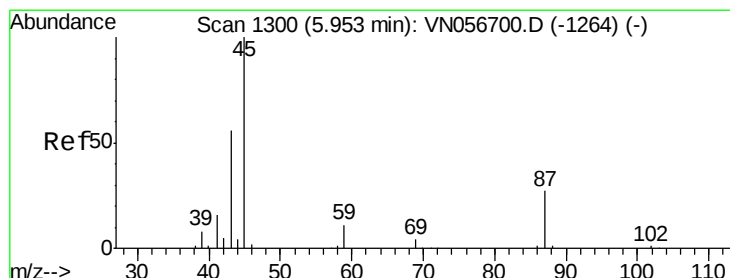
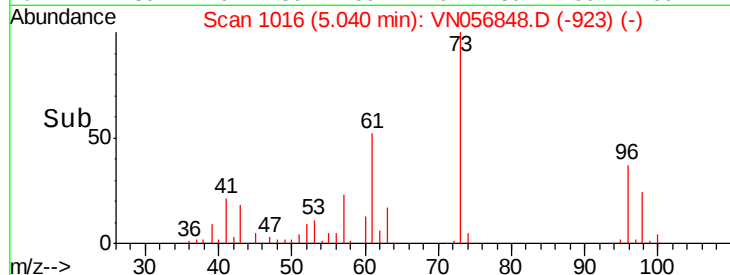
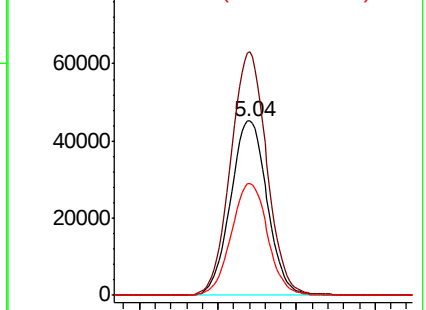
96 100

61 139.8 109.4 164.2

98 64.2 48.0 72.0



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: 52.151 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Tgt Ion: 45 Resp: 501922

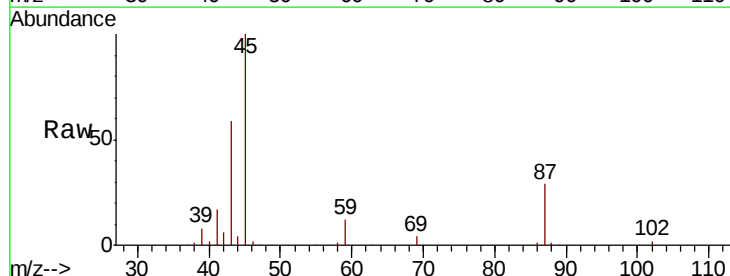
Ion Ratio Lower Upper

45 100

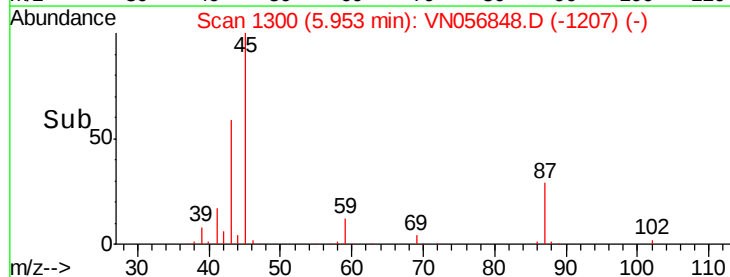
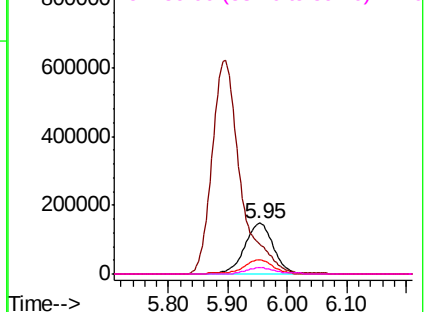
43 57.5 45.6 68.4

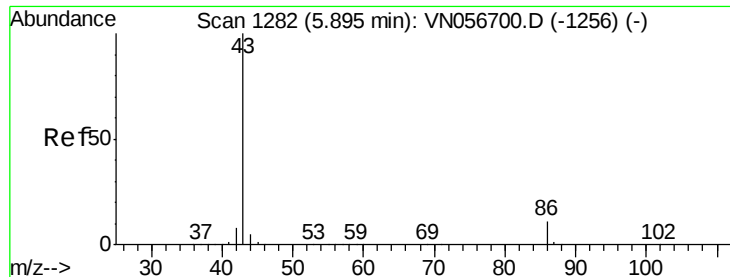
87 28.5 22.0 33.0

59 11.8 9.3 13.9



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

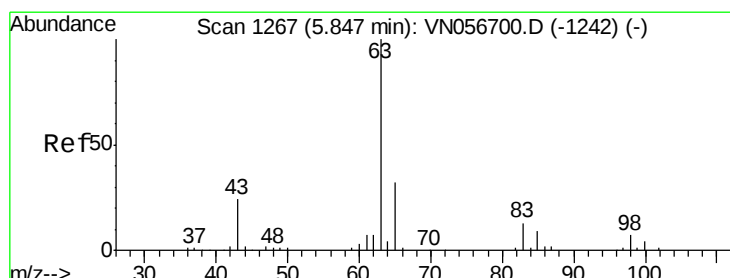
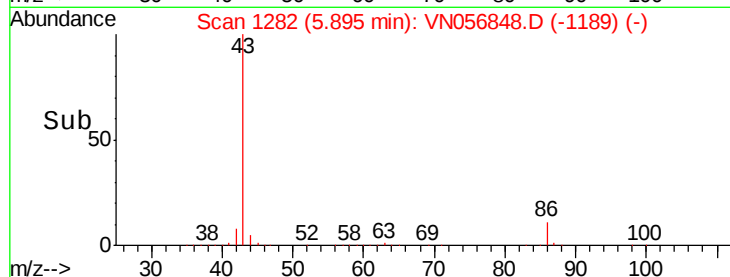
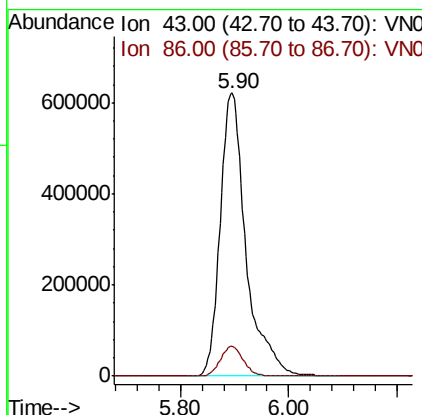
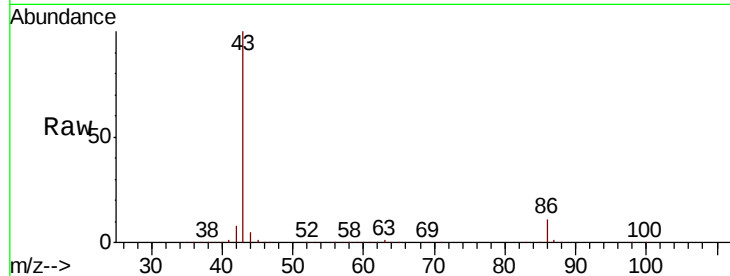




#23  
 Vinyl Acetate  
 Concen: 264.626 ug/l  
 RT: 5.90 min Scan# 1282  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

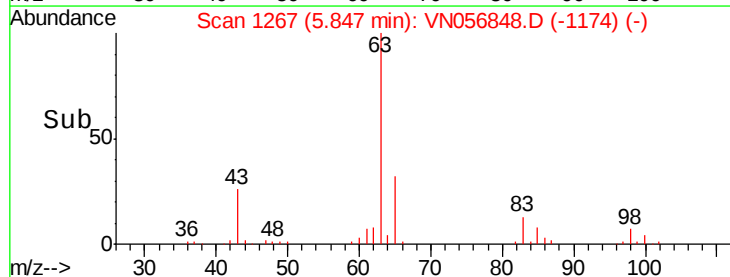
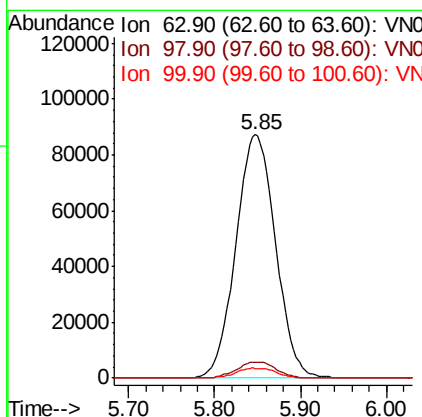
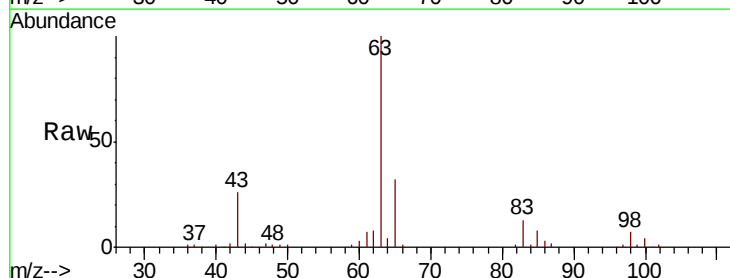
Instrument :  
 MSVOA\_N  
 ClientSampleId :

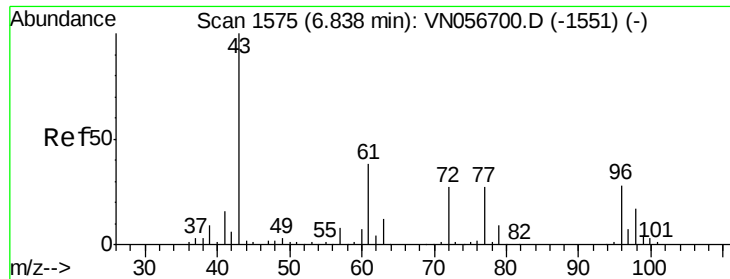
Tot Ion: 43 Resp: 2063822  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 50.171 ug/l  
 RT: 5.85 min Scan# 1267  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Tgt Ion: 63 Resp: 279954  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.3 9.9  
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 246.359 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

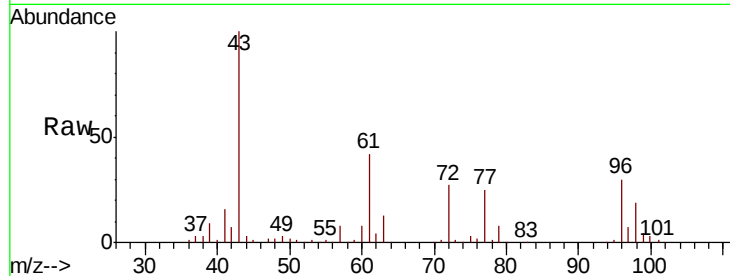
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 550649

Ion Ratio Lower Upper

43 100

72 26.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.83

200000

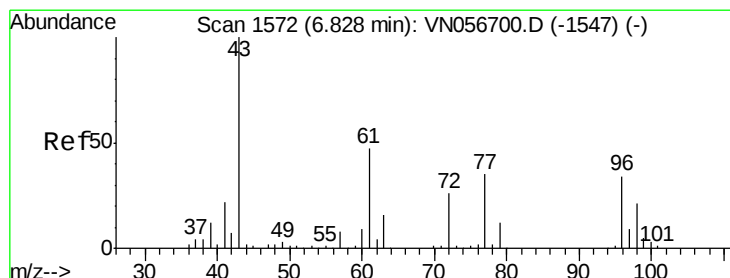
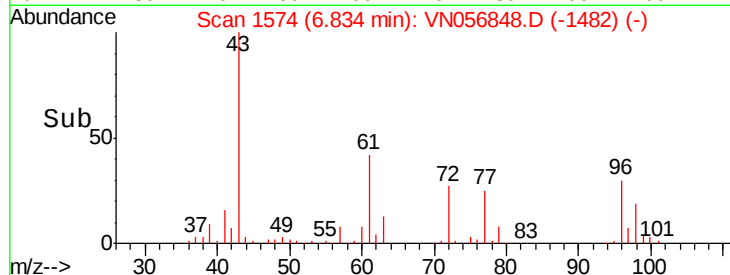
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.856 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VN056848.D

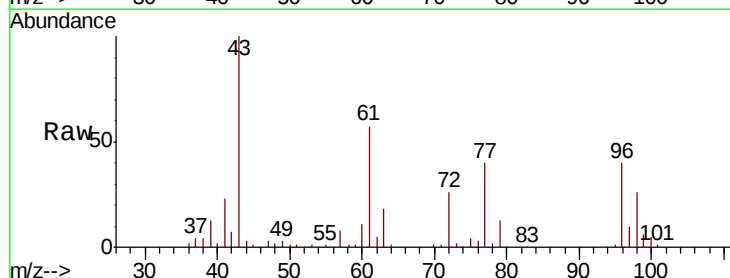
Acq: 19 Jul 2019 21:30

Tgt Ion: 77 Resp: 176450

Ion Ratio Lower Upper

77 100

97 25.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

60000

50000

40000

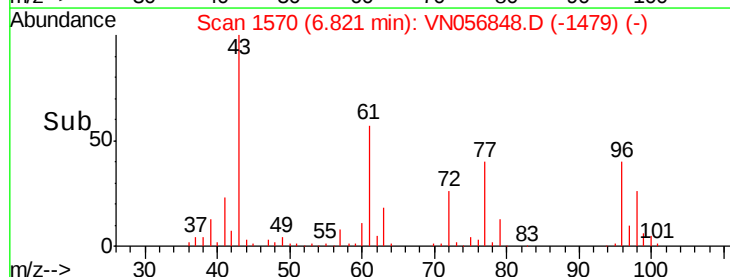
30000

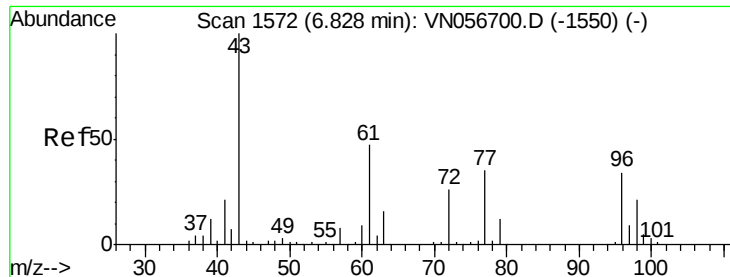
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.299 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :  
MSVOA\_N  
ClientSampled :

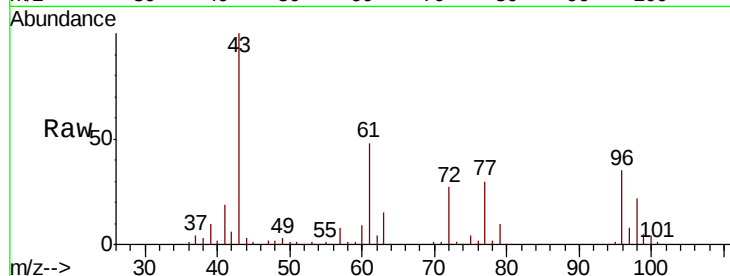
Tot Ion: 96 Resp: 175922

Ion Ratio Lower Upper

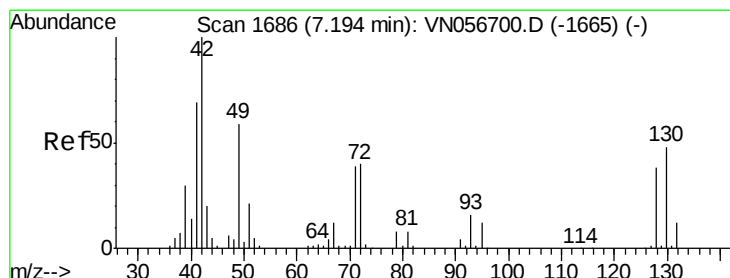
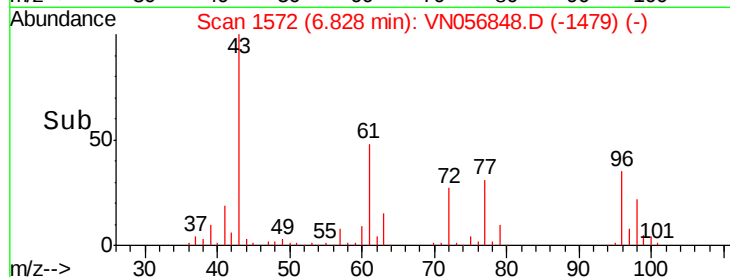
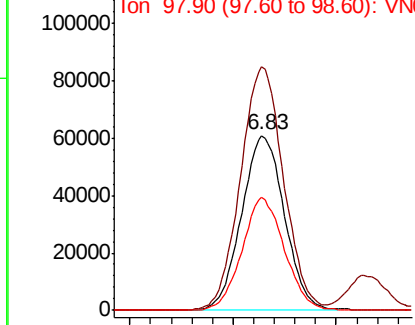
96 100

61 139.9 0.0 281.4

98 64.0 0.0 127.8



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



#28

Bromochloromethane

Concen: 51.530 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

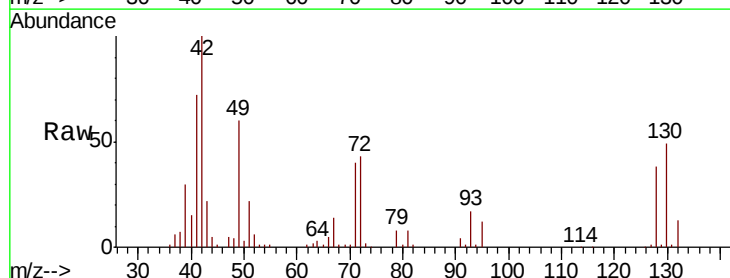
Tgt Ion: 49 Resp: 135193

Ion Ratio Lower Upper

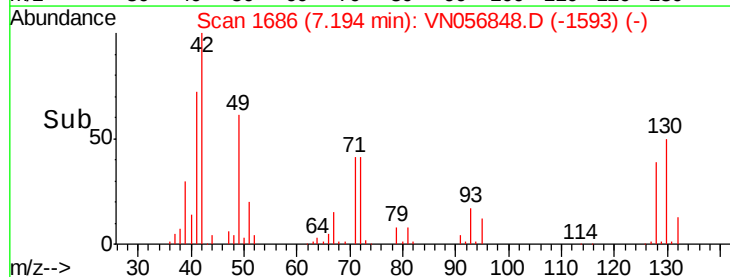
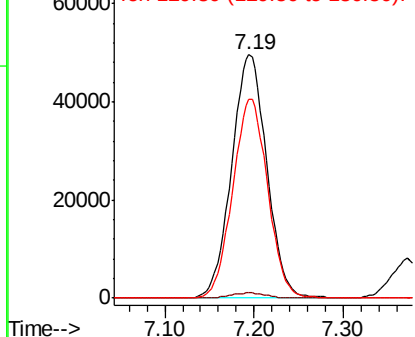
49 100

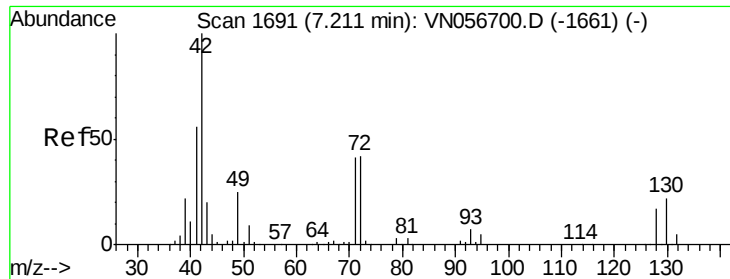
129 2.0 0.0 4.0

130 81.3 64.7 97.1



Abundance Ion 48.90 (48.60 to 49.60): VN0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V

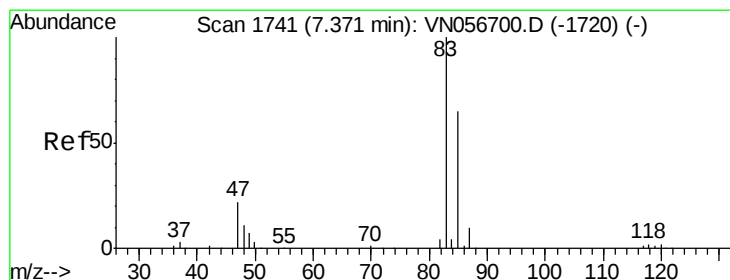
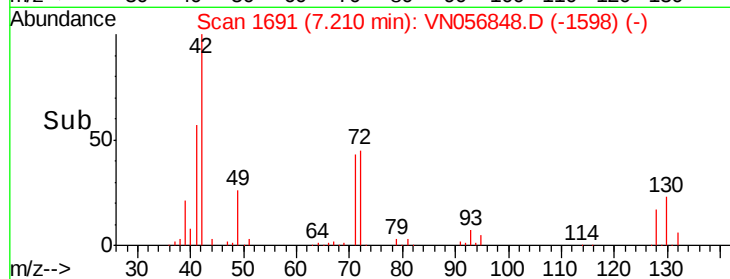
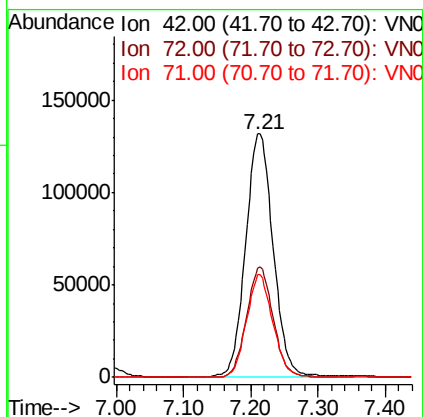
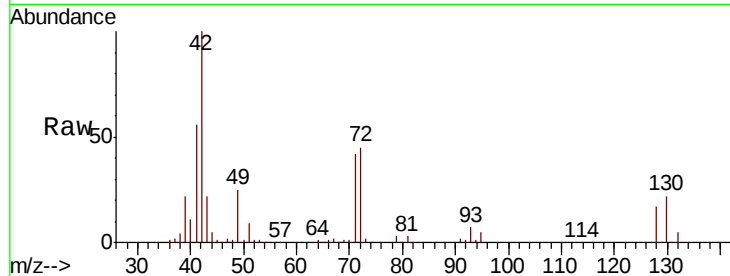




#29  
Tetrahydrofuran  
Concen: 257.787 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

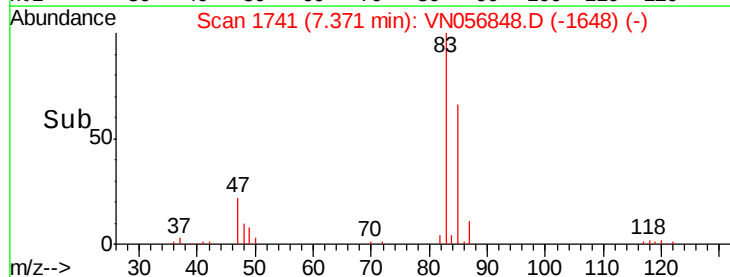
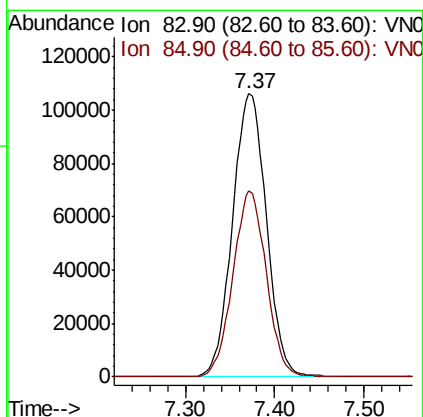
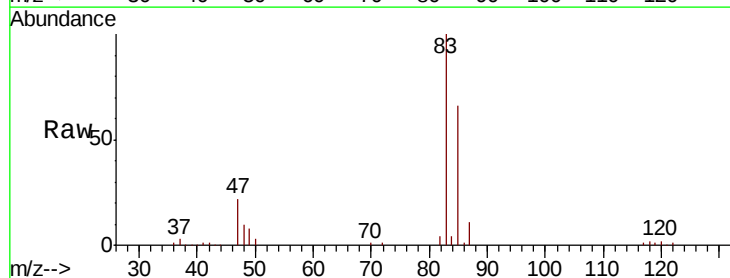
Instrument :  
MSVOA\_N  
ClientSampled :

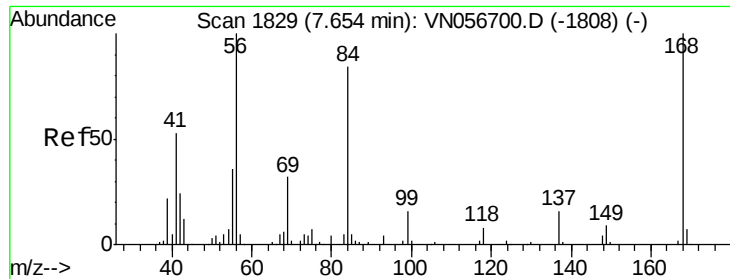
Tot Ion: 42 Resp: 375808  
Ion Ratio Lower Upper  
42 100  
72 43.5 33.5 50.3  
71 40.3 31.8 47.8



#30  
Chloroform  
Concen: 50.157 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion: 83 Resp: 280066  
Ion Ratio Lower Upper  
83 100  
85 65.8 51.9 77.9

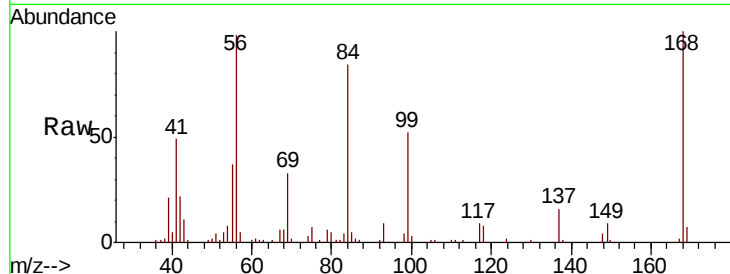




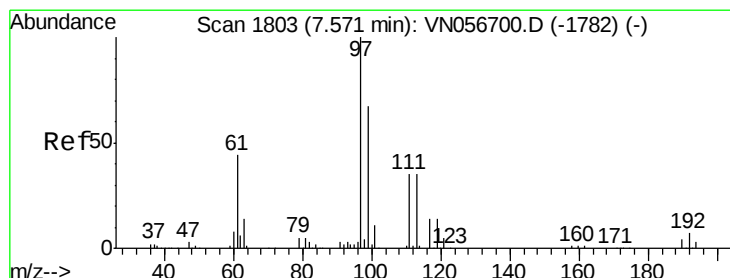
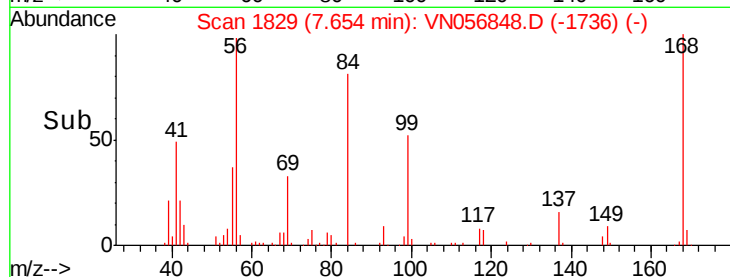
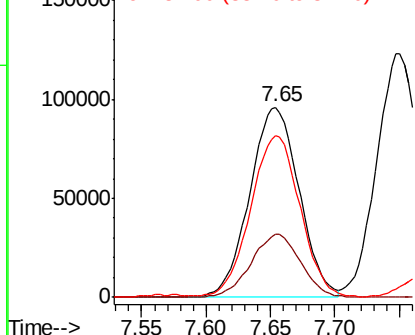
#31  
Cyclohexane  
Concen: 48.371 ug/l  
RT: 7.65 min Scan# 1829  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 56 Resp: 256538  
Ion Ratio Lower Upper  
56 100  
69 33.2 25.8 38.8  
84 84.2 67.4 101.0

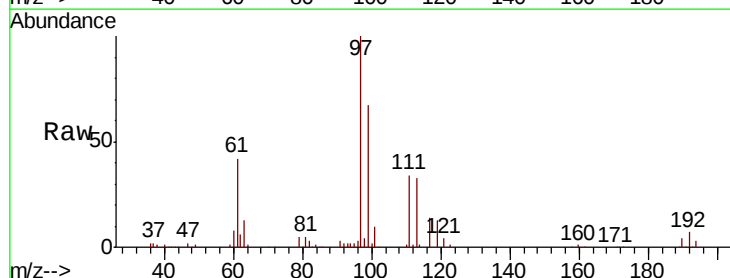


Abundance Ion 56.00 (55.70 to 56.70): VNC  
Ion 69.00 (68.70 to 69.70): VNC  
Ion 84.00 (83.70 to 84.70): VNC

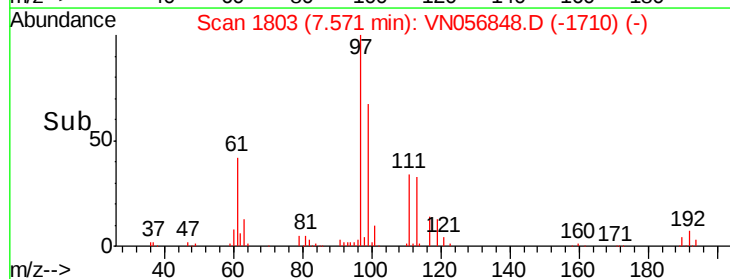
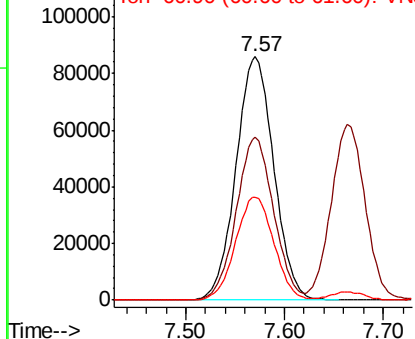


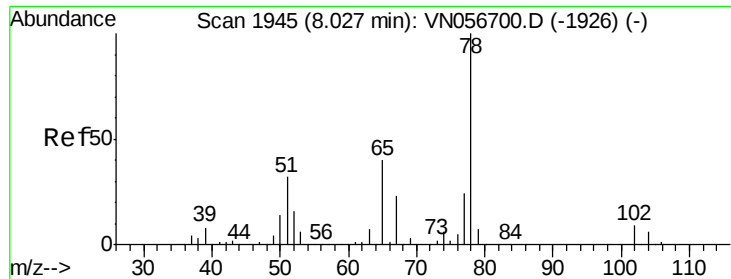
#32  
1,1,1-Trichloroethane  
Concen: 51.682 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion: 97 Resp: 228224  
Ion Ratio Lower Upper  
97 100  
99 66.1 52.0 78.0  
61 42.9 34.3 51.5



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

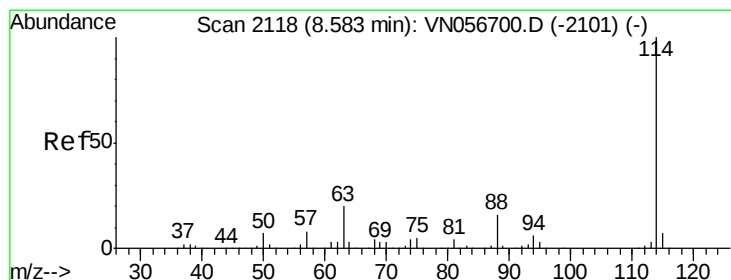
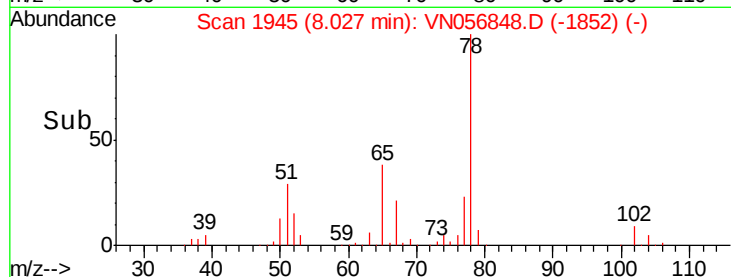
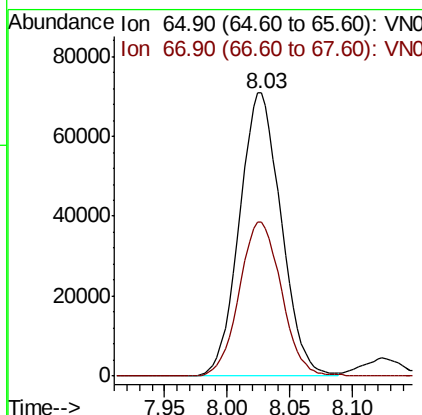
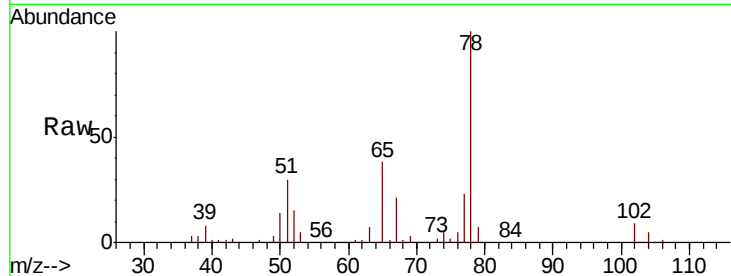




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.450 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

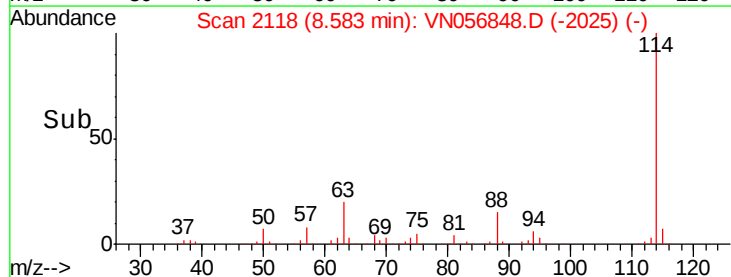
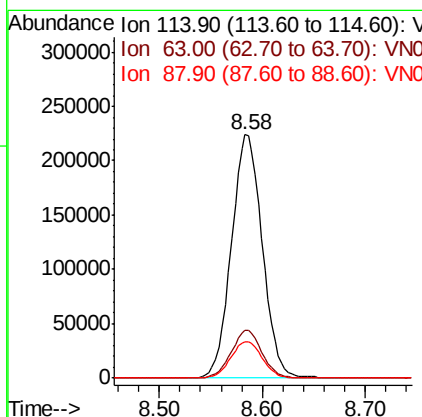
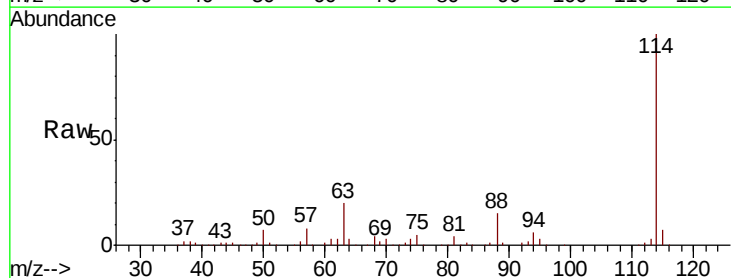
Instrument :  
 MSVOA\_N  
 ClientSampleId :

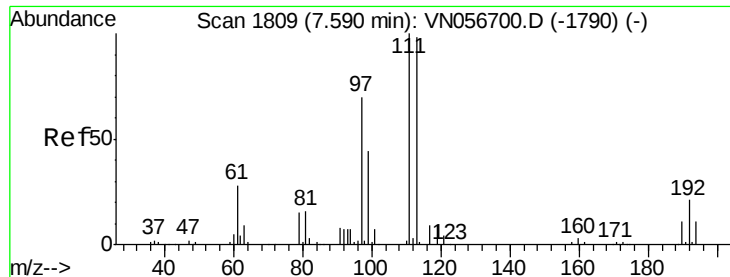
Tot Ion: 65 Resp: 164053  
 Ion Ratio Lower Upper  
 65 100  
 67 54.9 0.0 109.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Tgt Ion: 114 Resp: 466829  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 39.4  
 88 14.9 0.0 31.2

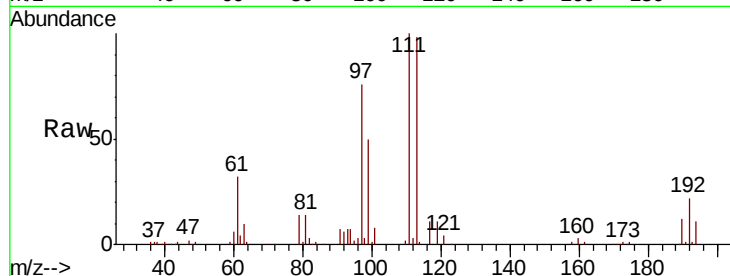




#35  
 Dibromofluoromethane  
 Concen: 50.050 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.9 | 81.8  | 122.6 |
| 192     | 22.4  | 17.5  | 26.3  |

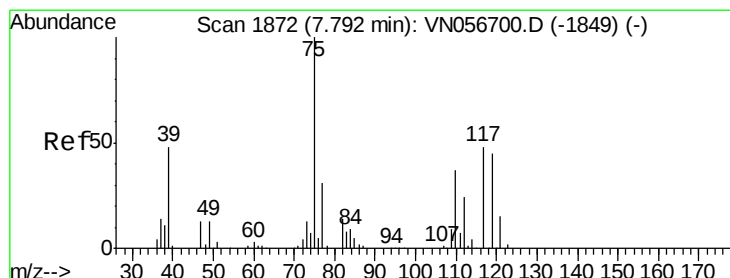
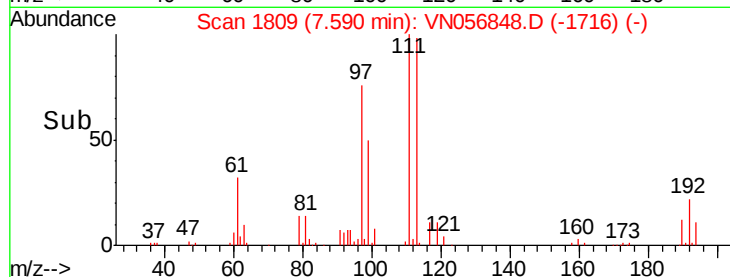
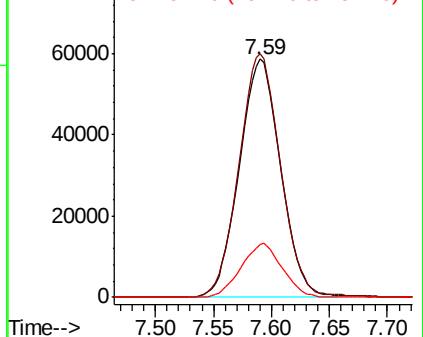


Abundance

Ion 112.80 (112.50 to 113.50): V

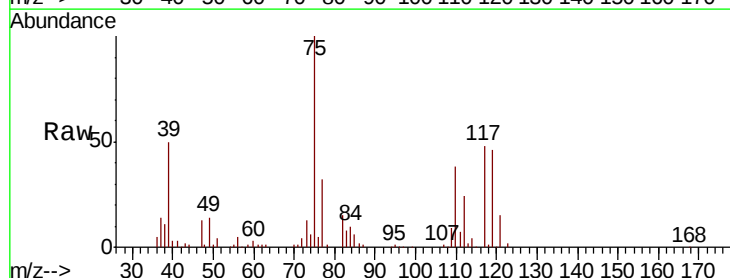
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36  
 1,1-Dichloropropene  
 Concen: 47.559 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.3  | 18.4  | 55.4  |
| 77      | 31.3  | 24.6  | 36.8  |

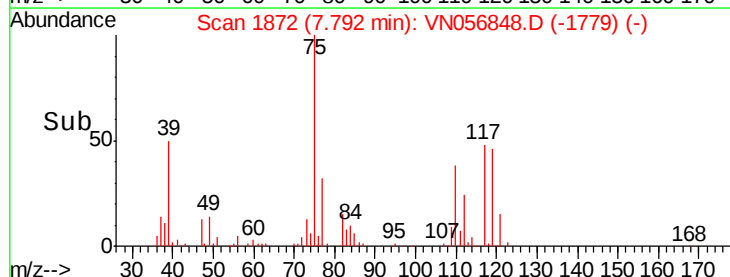
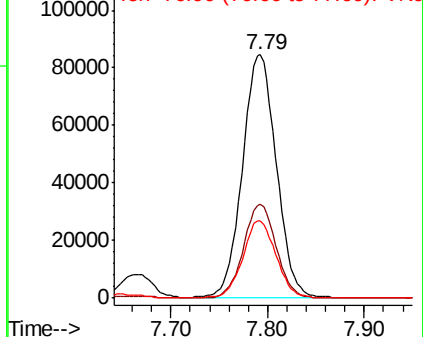


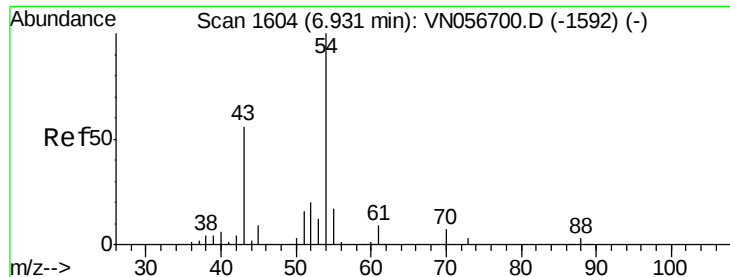
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

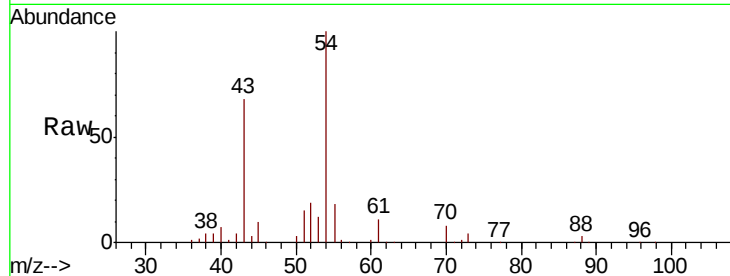




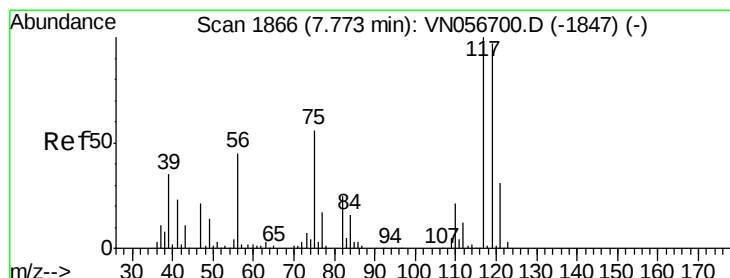
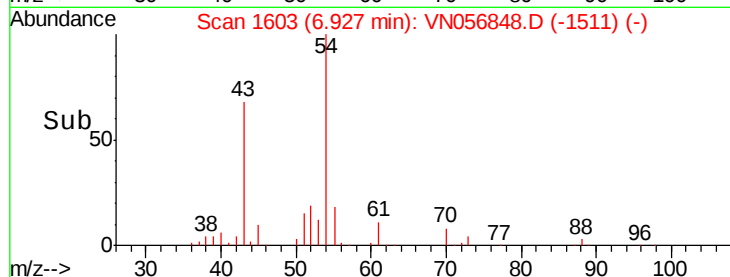
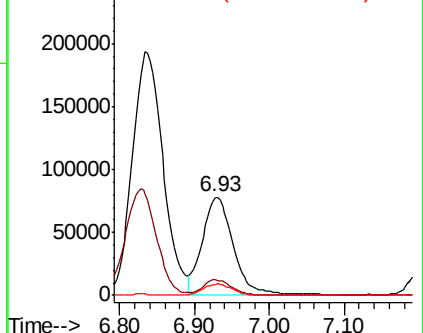
#37  
Ethyl Acetate  
Concen: 52.408 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 223135  
Ion Ratio Lower Upper  
43 100  
61 14.9 11.3 16.9  
70 11.0 8.5 12.7

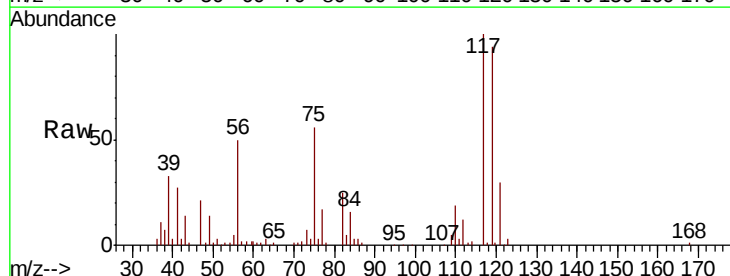


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

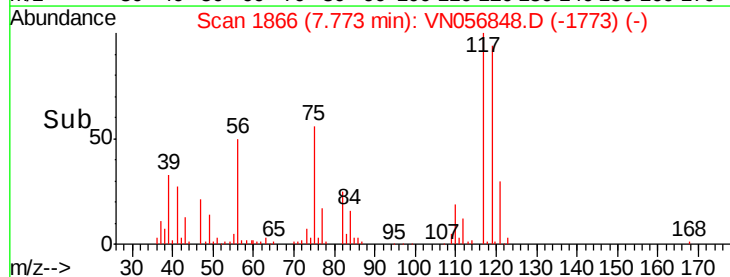
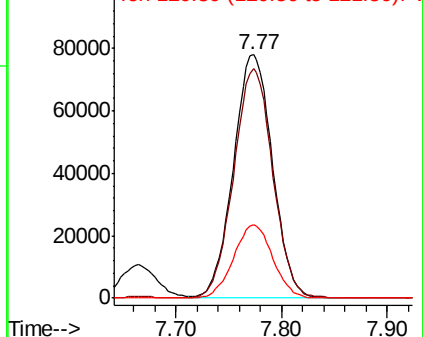


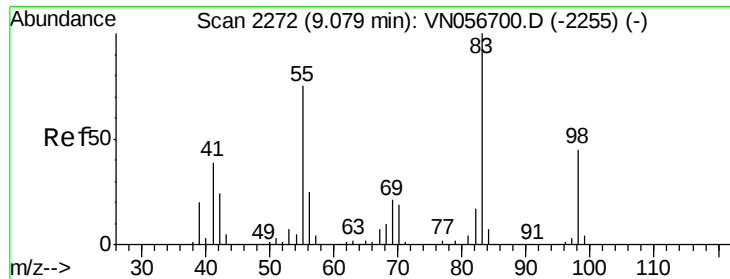
#38  
Carbon Tetrachloride  
Concen: 49.381 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion: 117 Resp: 200049  
Ion Ratio Lower Upper  
117 100  
119 94.5 77.5 116.3  
121 30.5 24.7 37.1



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

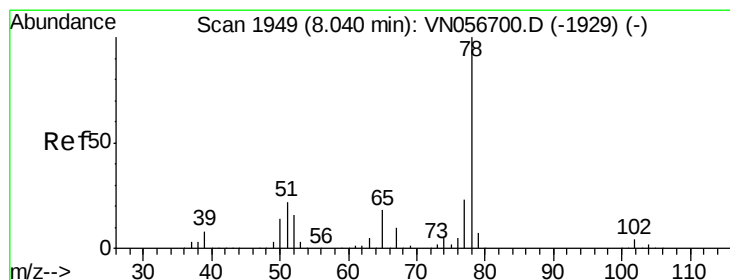
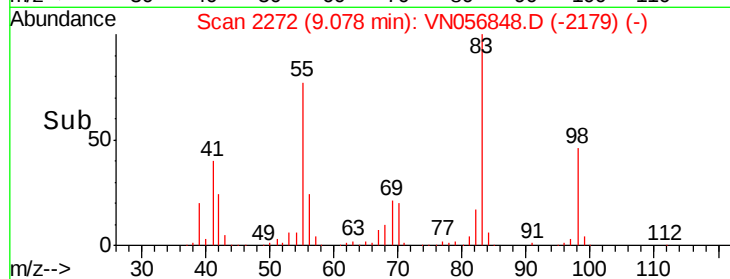
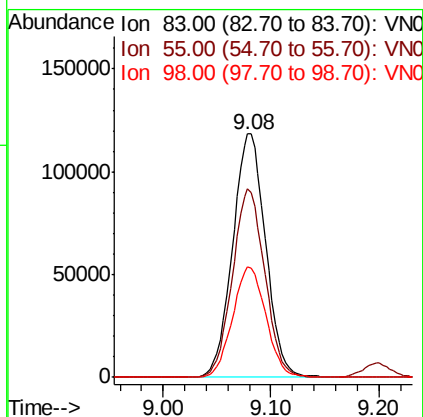
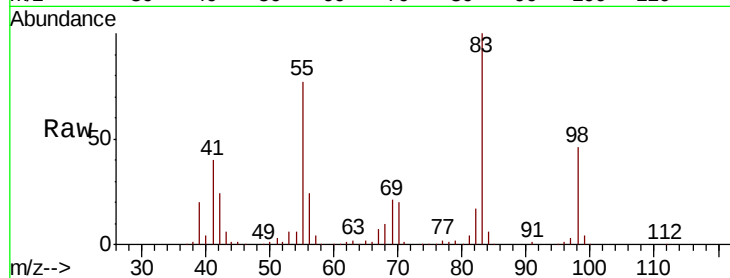




#39  
Methvlcvclohexane  
Concen: 47.284 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

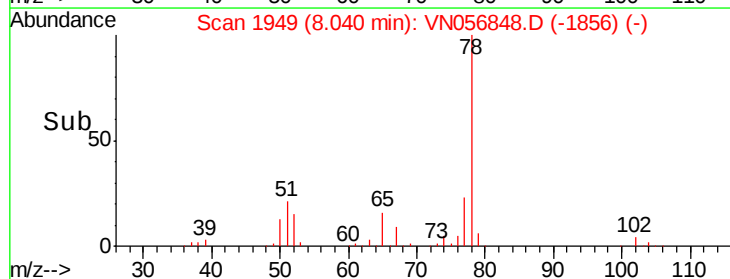
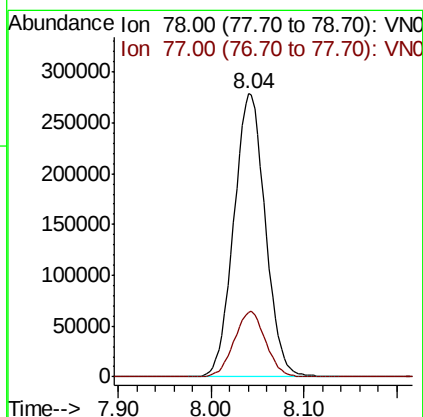
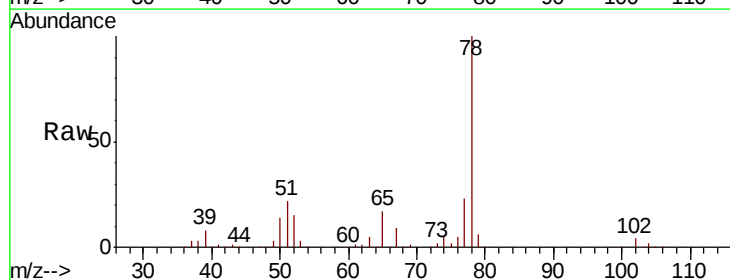
Instrument :  
MSVOA\_N  
ClientSampleId :

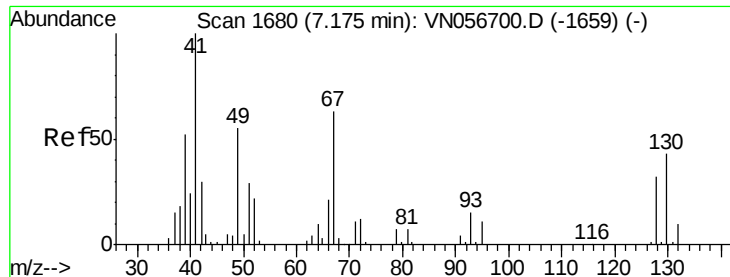
Tot Ion: 83 Resp: 252212  
Ion Ratio Lower Upper  
83 100  
55 77.5 60.4 90.6  
98 45.6 35.8 53.8



#40  
Benzene  
Concen: 49.573 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion: 78 Resp: 656165  
Ion Ratio Lower Upper  
78 100  
77 23.0 18.6 27.8

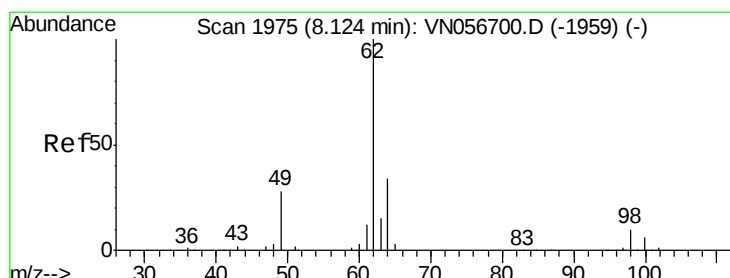
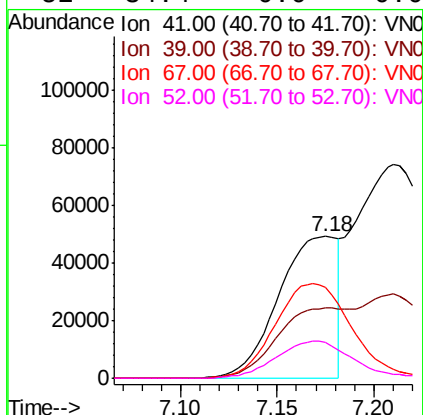
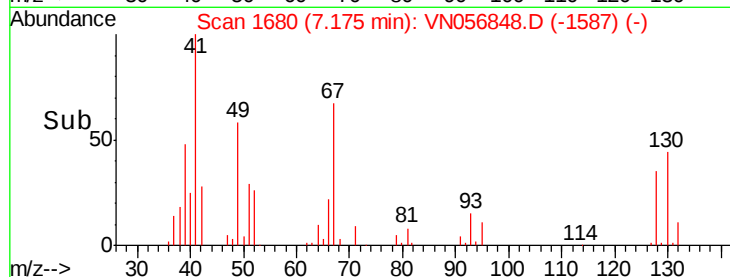
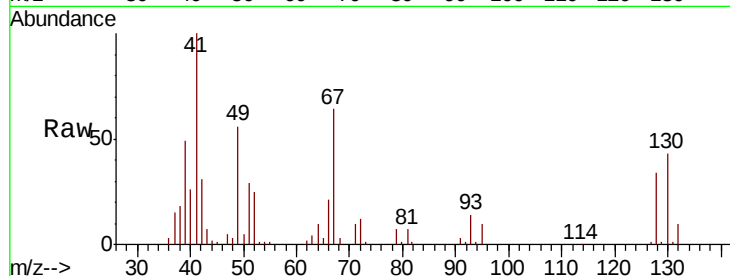




#41  
Methacrylonitrile  
Concen: 56.211 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

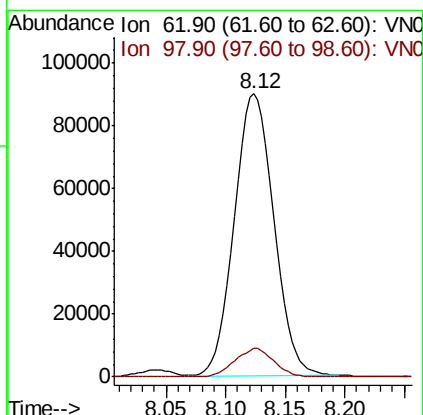
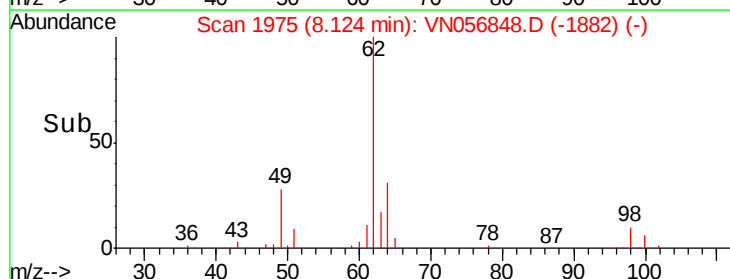
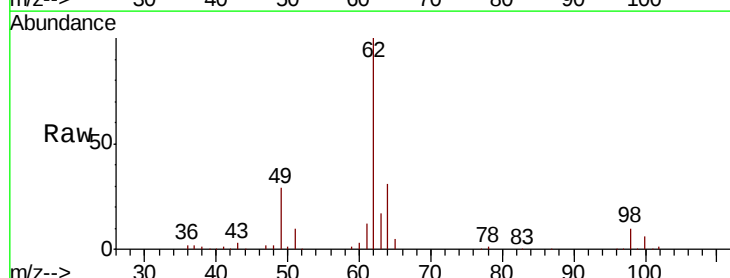
Instrument :  
MSVOA\_N  
ClientSampleId :

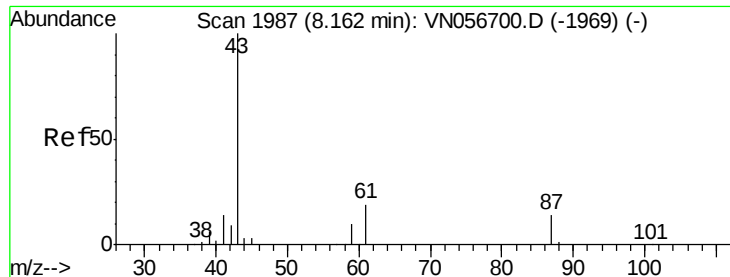
Tot Ion: 41 Resp: 105125  
Ion Ratio Lower Upper  
41 100  
39 63.8 0.0 0.0#  
67 86.6 0.0 0.0#  
52 34.4 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 49.717 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion: 62 Resp: 207980  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 53.299 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

ClientSampled :

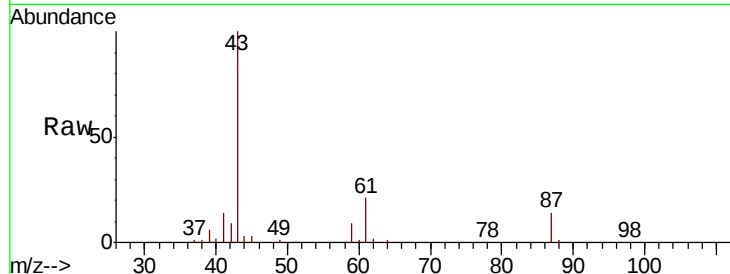
Tot Ion: 43 Resp: 356751

Ion Ratio Lower Upper

43 100

61 26.6 22.3 33.5

87 13.7 11.1 16.7

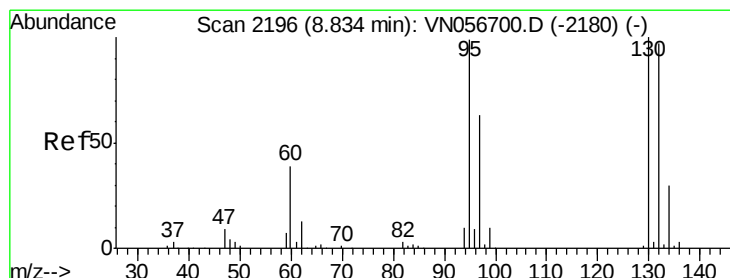
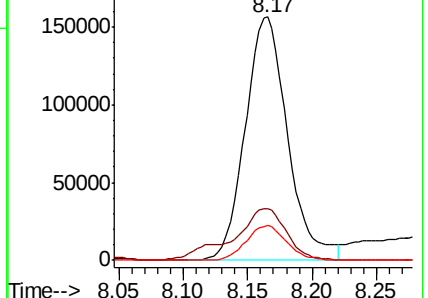
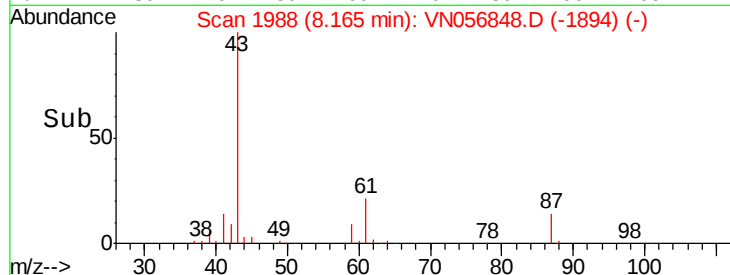


Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN056700.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN056700.D (-1969) (-)

Time-->



#44

Trichloroethene

Concen: 48.797 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056848.D

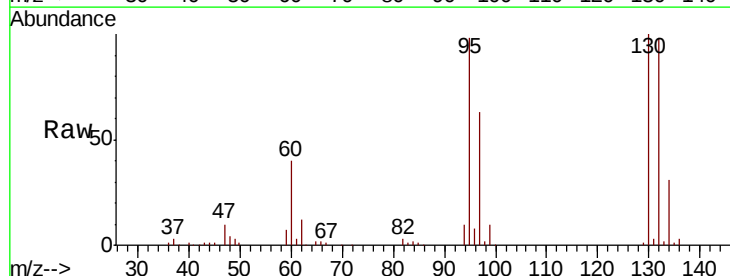
Acq: 19 Jul 2019 21:30

Tgt Ion:130 Resp: 175393

Ion Ratio Lower Upper

130 100

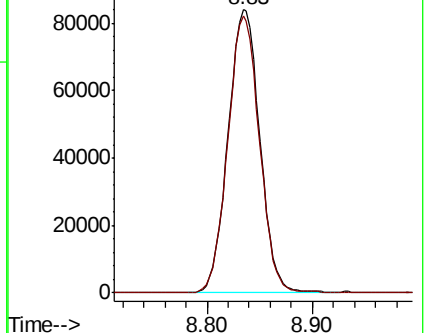
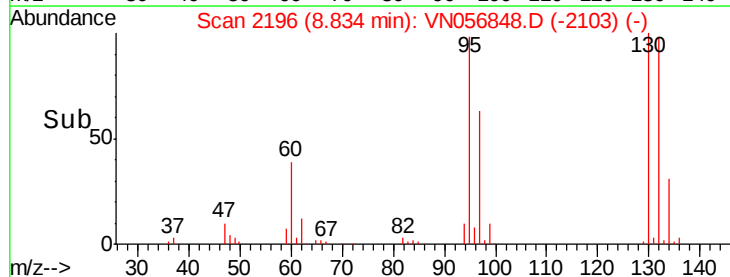
95 97.8 0.0 197.2

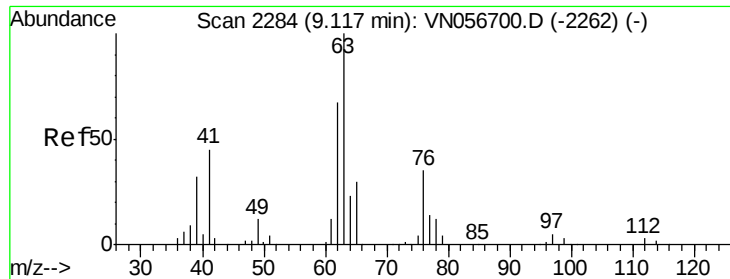


Abundance Ion 129.80 (129.50 to 130.50): VN056700.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN056700.D (-2180) (-)

Time-->

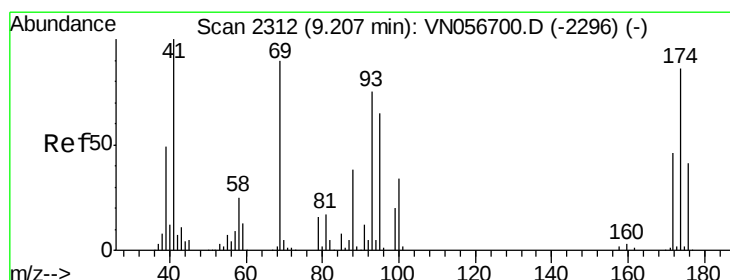
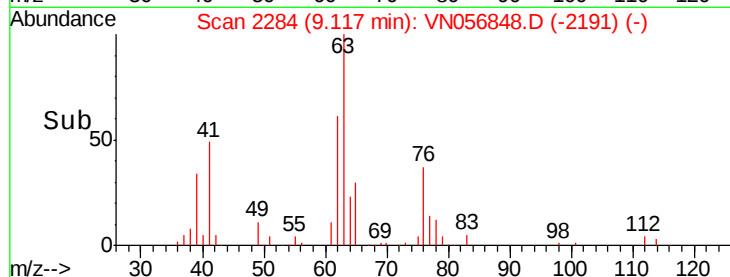
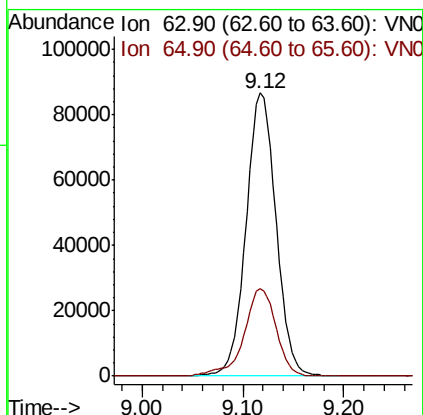
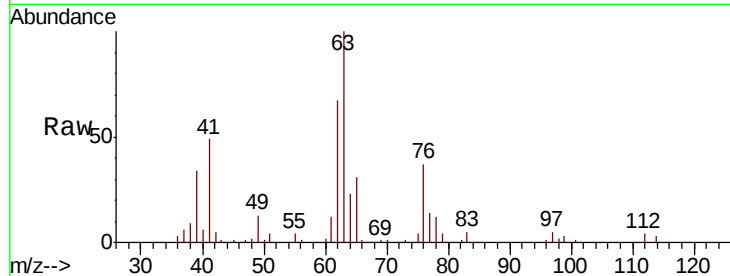




#45  
 1,2-Dichloropropane  
 Concen: 50.602 ug/l  
 RT: 9.12 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

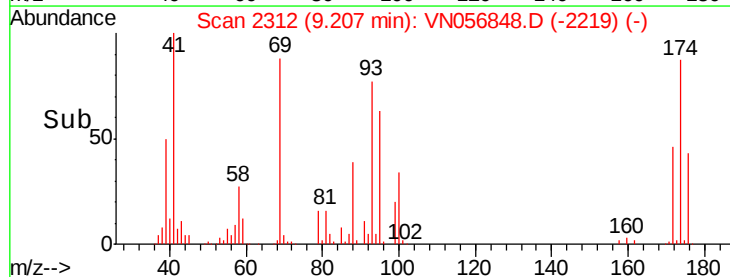
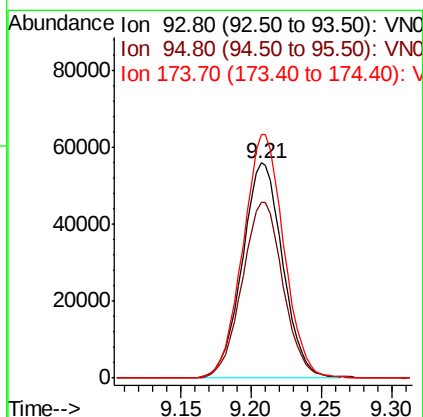
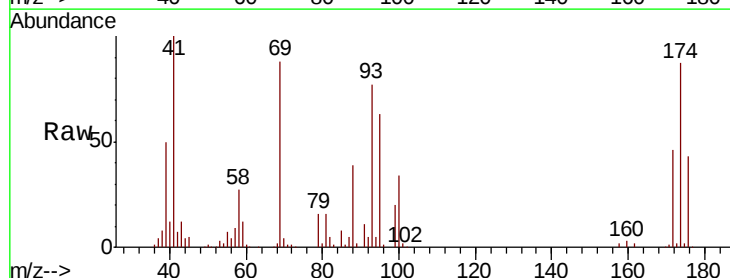
Instrument :  
 MSVOA\_N  
 ClientSampleId :

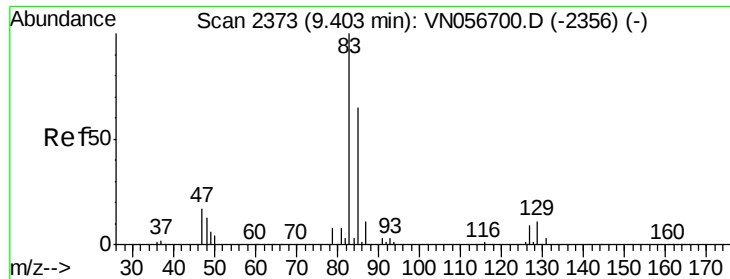
Tot Ion: 63 Resp: 177973  
 Ion Ratio Lower Upper  
 63 100  
 65 31.0 24.0 36.0



#46  
 Dibromomethane  
 Concen: 51.354 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Tgt Ion: 93 Resp: 111928  
 Ion Ratio Lower Upper  
 93 100  
 95 83.1 67.4 101.0  
 174 115.0 90.3 135.5





#47

Bromodichloromethane

Concen: 51.603 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

ClientSampled :

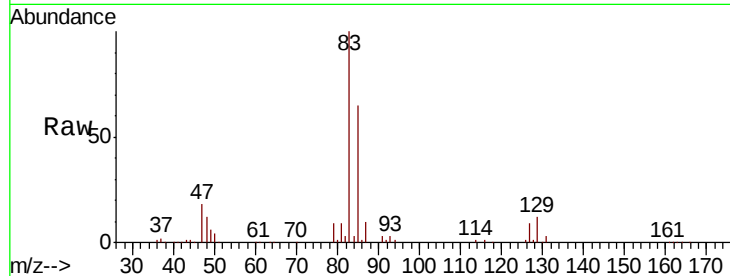
Tot Ion: 83 Resp: 213726

Ion Ratio Lower Upper

83 100

85 64.6 52.3 78.5

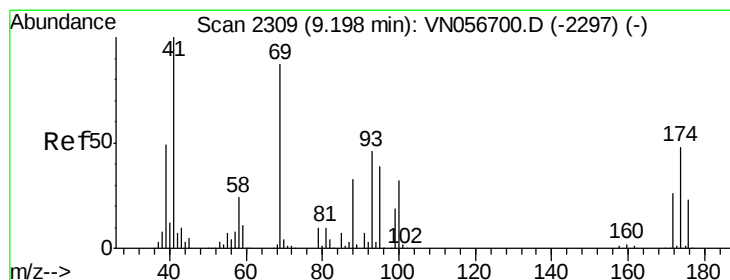
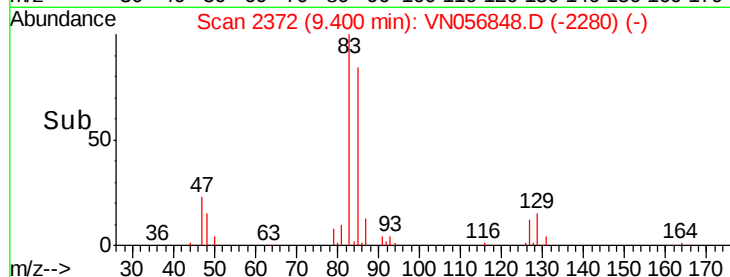
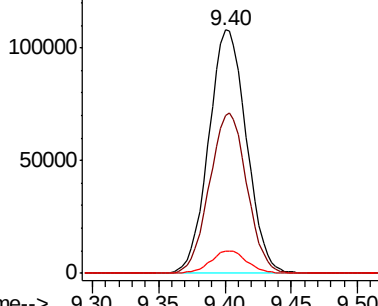
127 9.3 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VN056700.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN056700.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN056700.D (-2356) (-)



#48

Methyl methacrylate

Concen: 53.577 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

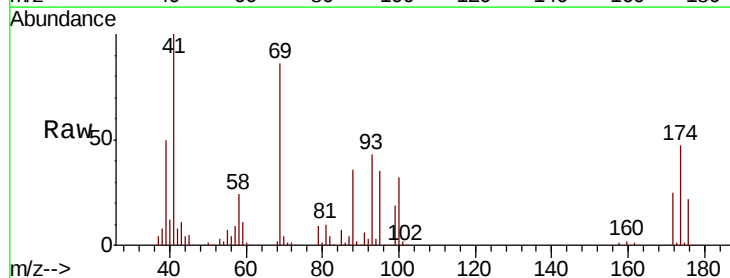
Tgt Ion: 41 Resp: 173429

Ion Ratio Lower Upper

41 100

69 88.1 71.4 107.0

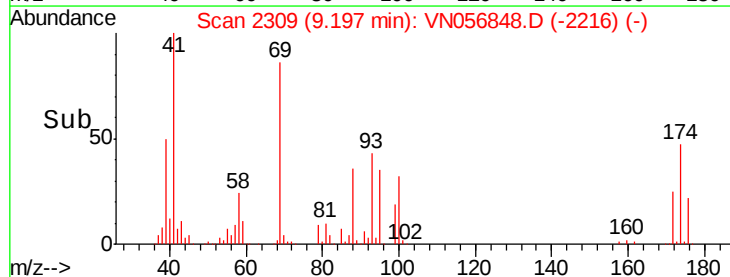
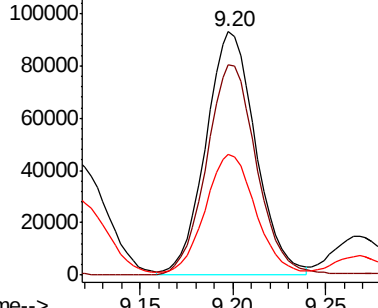
39 50.5 41.2 61.8

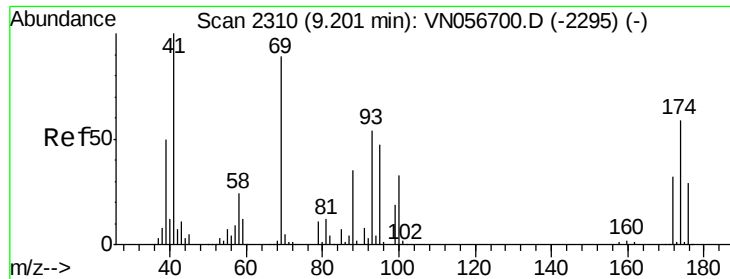


Abundance Ion 41.00 (40.70 to 41.70): VN056700.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN056700.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN056700.D (-2297) (-)





#49

1,4-Dioxane

Concen: 1055.591 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :  
MSVOA\_N  
ClientSampled :

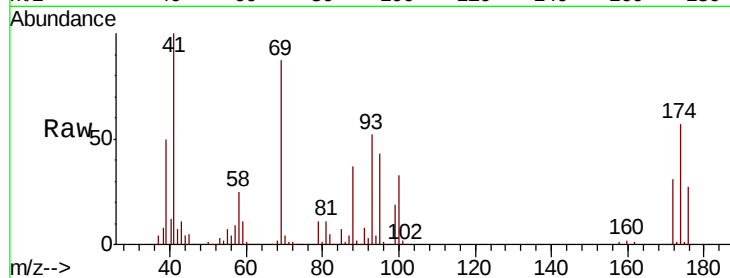
Tot Ion: 88 Resp: 70112

Ion Ratio Lower Upper

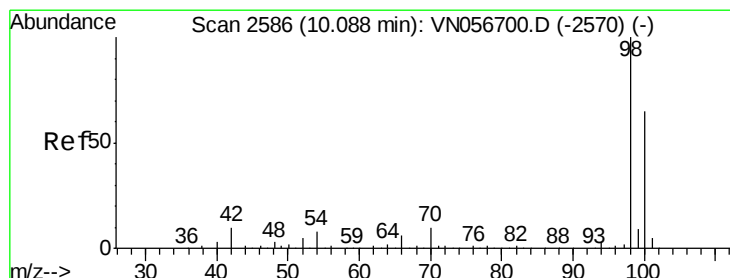
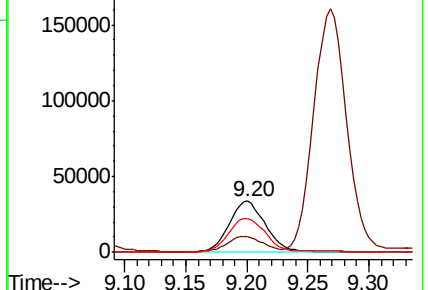
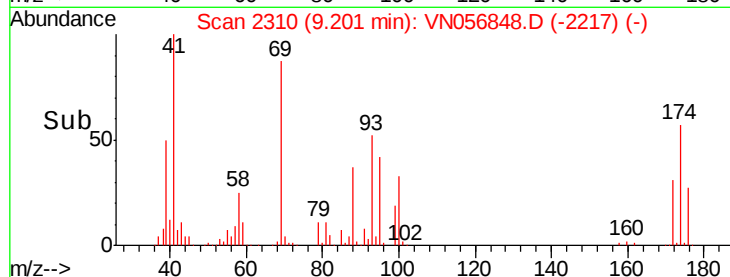
88 100

43 28.8 23.7 35.5

58 67.7 55.6 83.4



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



#50

Toluene-d8

Concen: 49.286 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056848.D

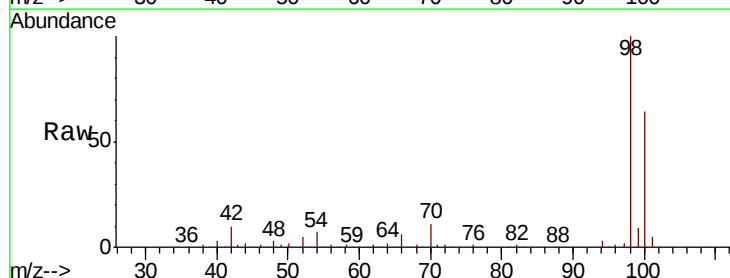
Acq: 19 Jul 2019 21:30

Tgt Ion: 98 Resp: 553015

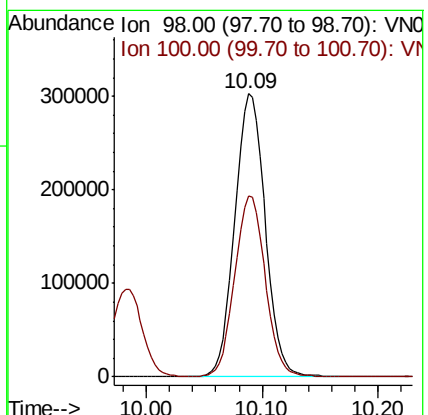
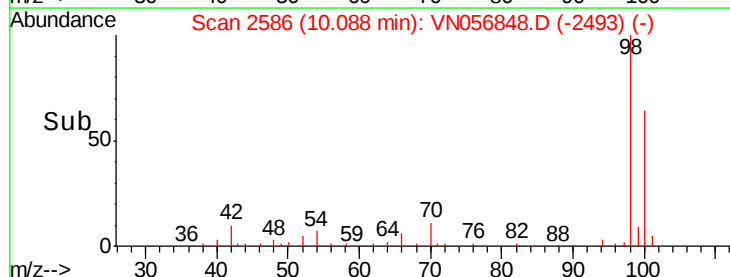
Ion Ratio Lower Upper

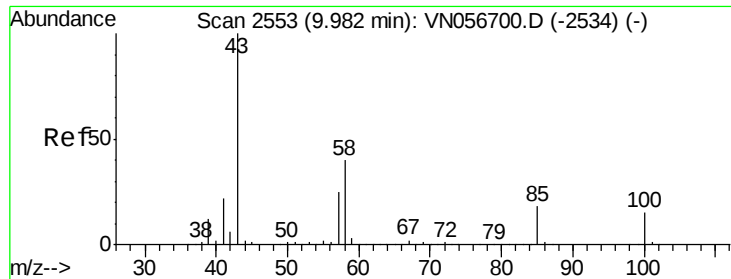
98 100

100 64.0 52.0 78.0



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





#51

4-Methyl-2-Pentanone

Concen: 256.638 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

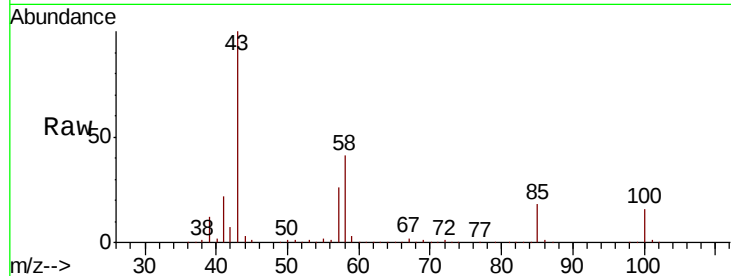
ClientSampled :

Tot Ion: 43 Resp: 1112571

Ion Ratio Lower Upper

43 100

58 40.7 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

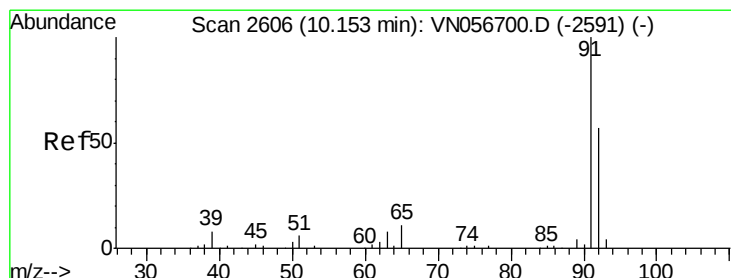
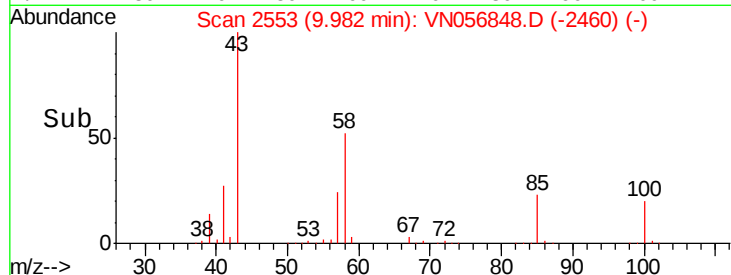
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.056 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056848.D

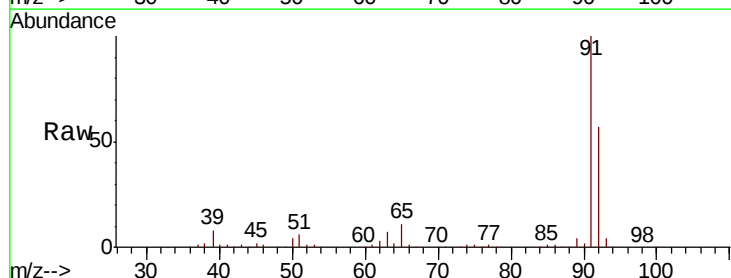
Acq: 19 Jul 2019 21:30

Tgt Ion: 92 Resp: 401342

Ion Ratio Lower Upper

92 100

91 174.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

400000

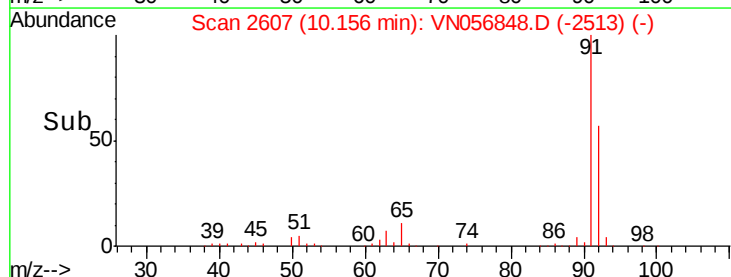
300000

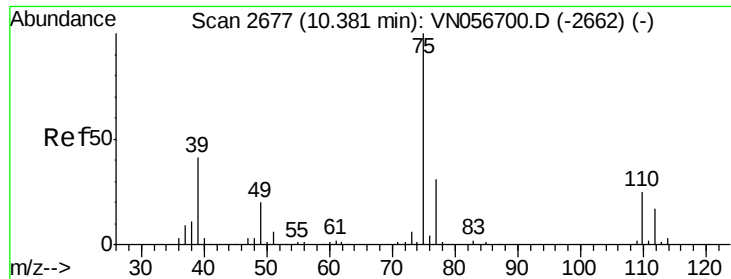
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.306 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

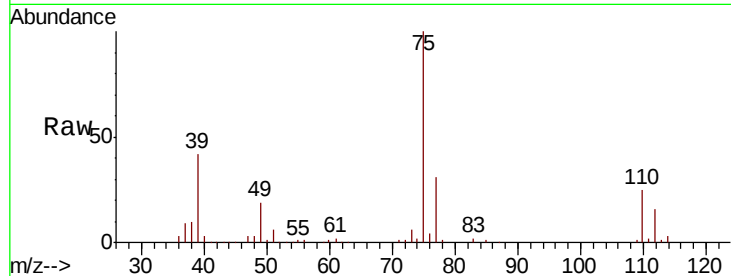
ClientSampled :

Tot Ion: 75 Resp: 226019

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

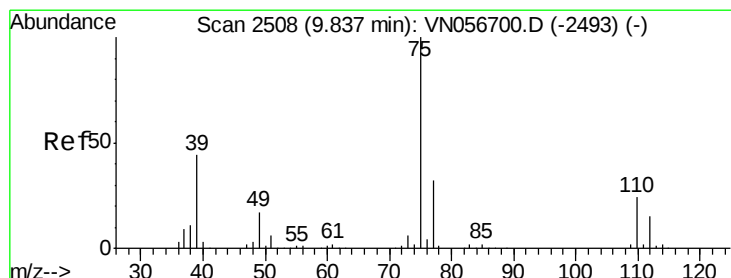
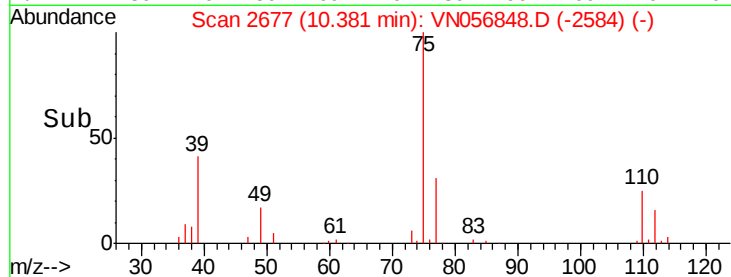
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.100 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

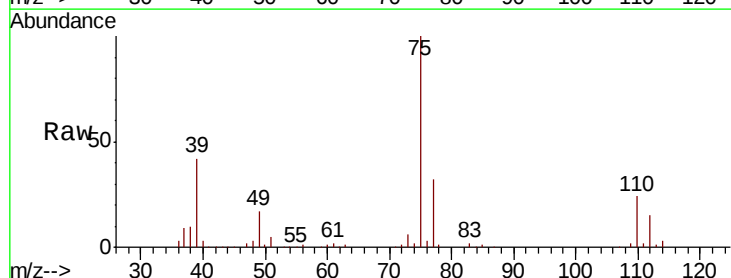
Tgt Ion: 75 Resp: 256231

Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0

39 42.0 35.1 52.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

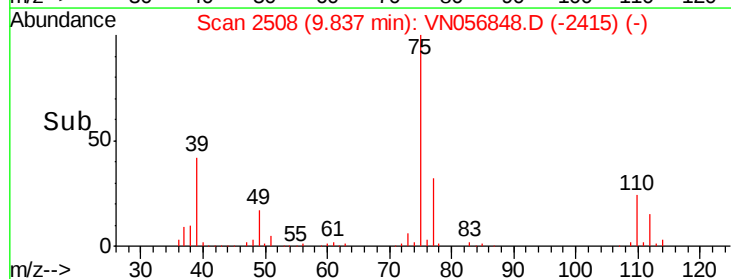
150000

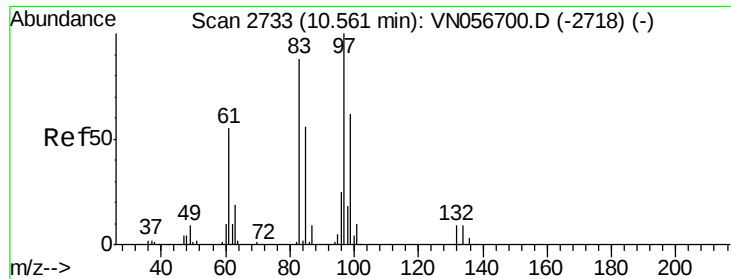
100000

50000

0

Time-->

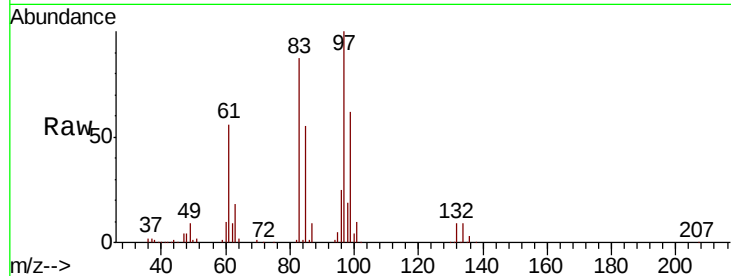




#55  
 1,1,2-Trichloroethane  
 Concen: 50.769 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 167388 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.5  | 70.3  | 105.5  |
| 85       | 55.0  | 44.8  | 67.2   |
| 99       | 62.2  | 49.6  | 74.4   |



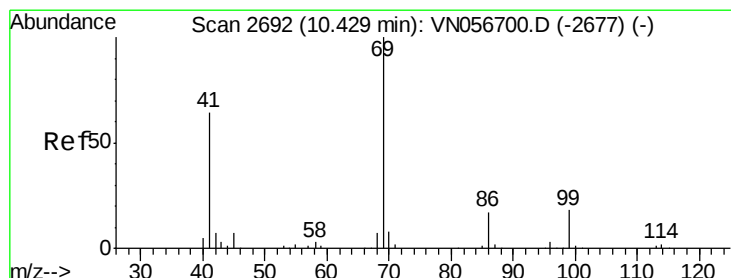
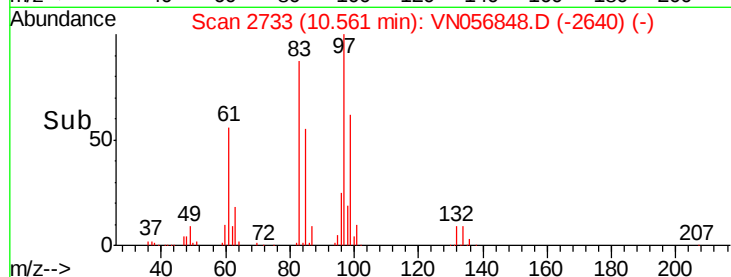
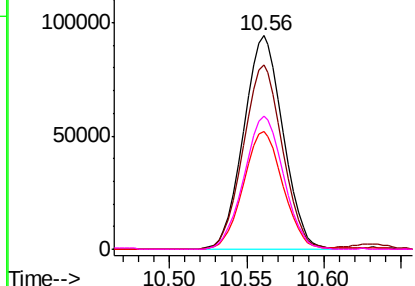
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

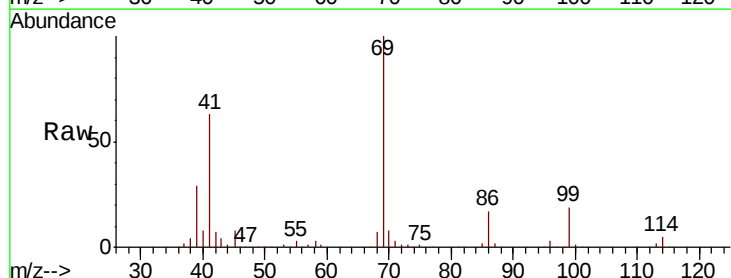
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56  
 Ethyl methacrylate  
 Concen: 53.616 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 254355 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.7  | 51.0  | 76.4   |
| 39       | 30.4  | 24.6  | 36.8   |

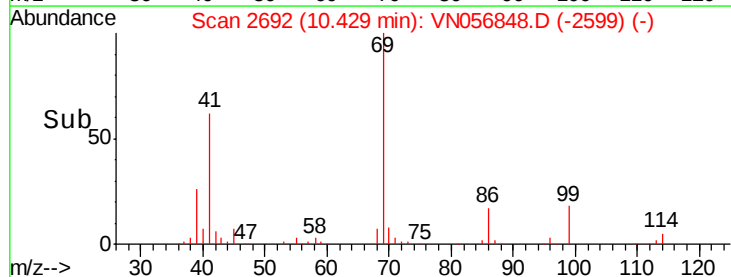
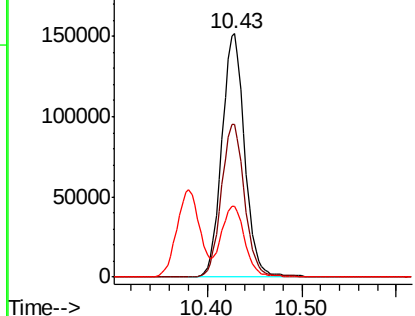


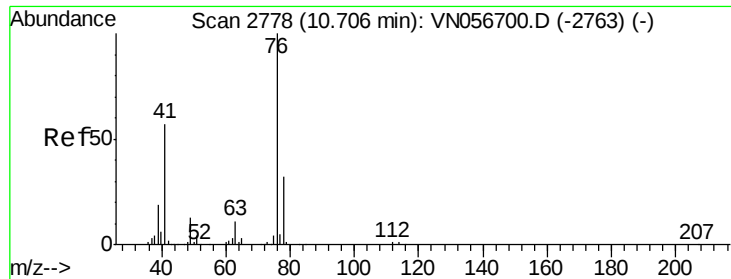
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

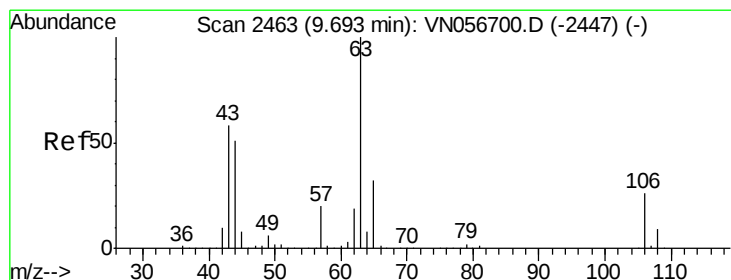
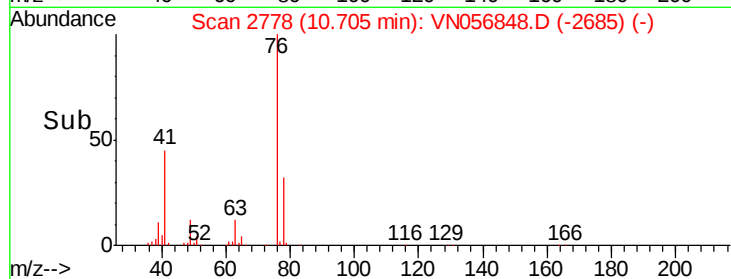
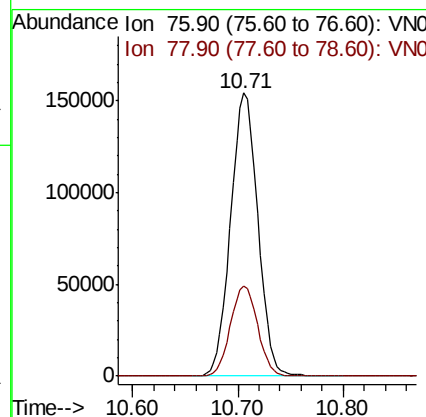
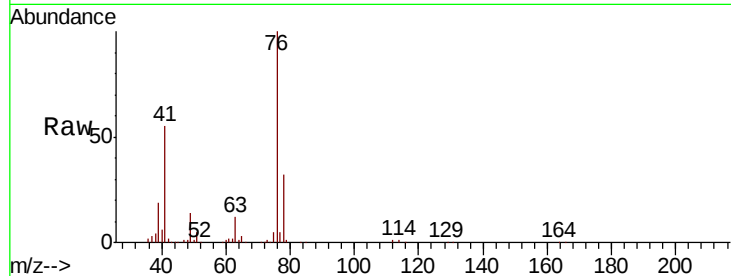




#57  
 1,3-Dichloropropane  
 Concen: 51.246 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

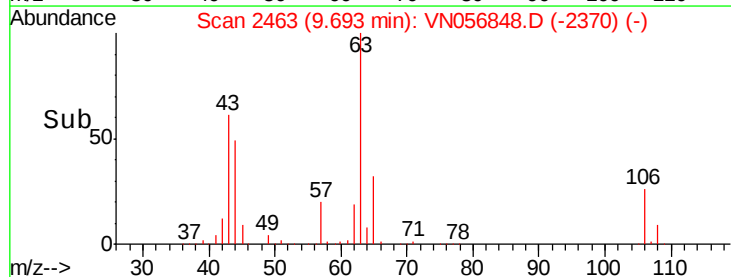
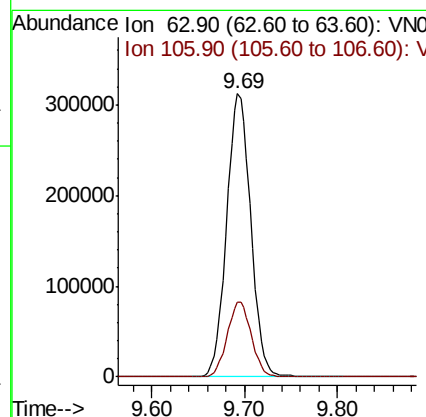
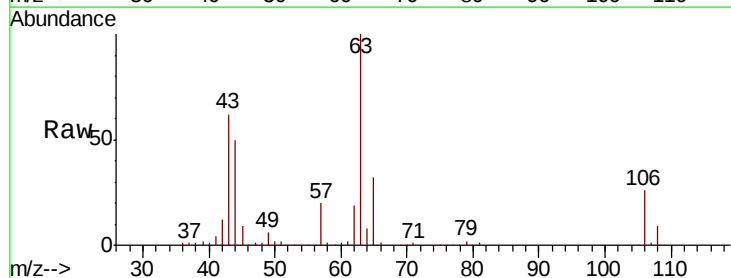
Instrument :  
 MSVOA\_N  
 ClientSampleId :

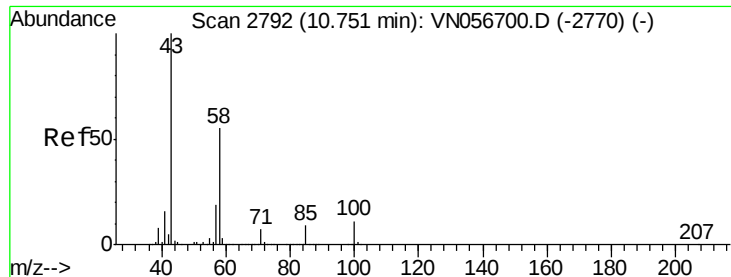
Tot Ion: 76 Resp: 275953  
 Ion Ratio Lower Upper  
 76 100  
 78 31.9 26.0 39.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 246.701 ug/l  
 RT: 9.69 min Scan# 2463  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Tgt Ion: 63 Resp: 562788  
 Ion Ratio Lower Upper  
 63 100  
 106 26.5 21.2 31.8

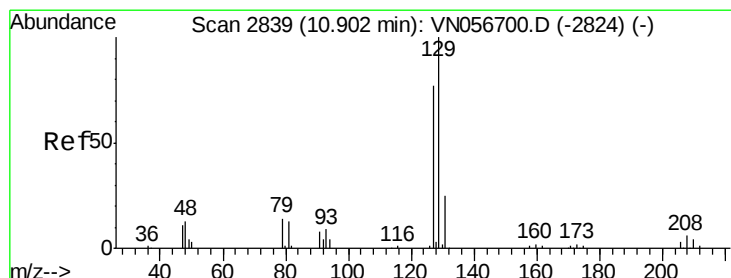
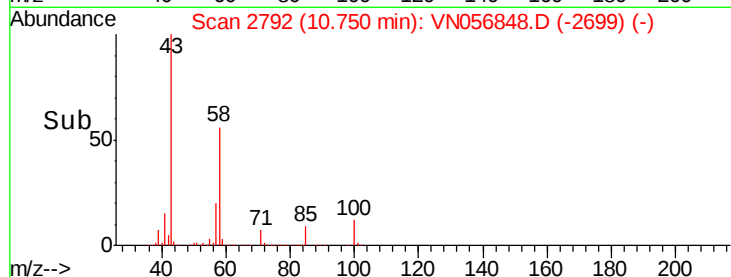
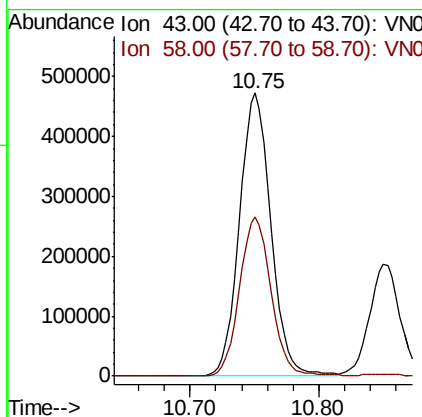
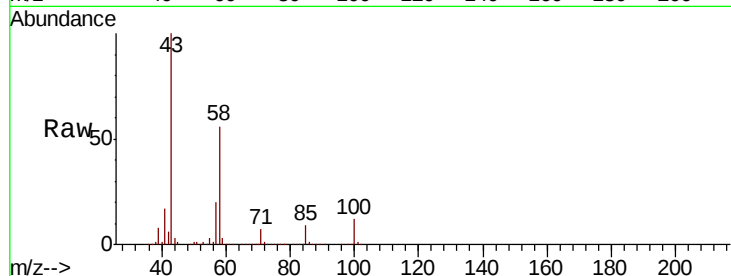




#59  
2-Hexanone  
Concen: 257.520 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

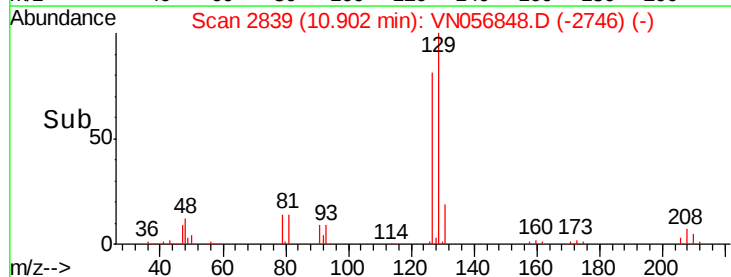
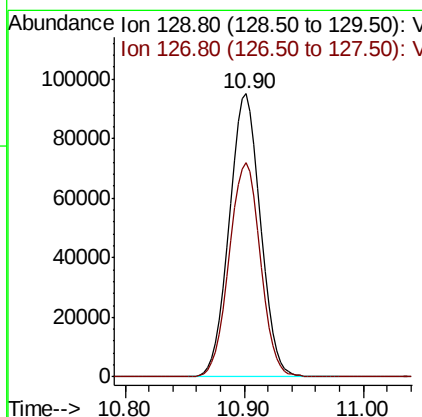
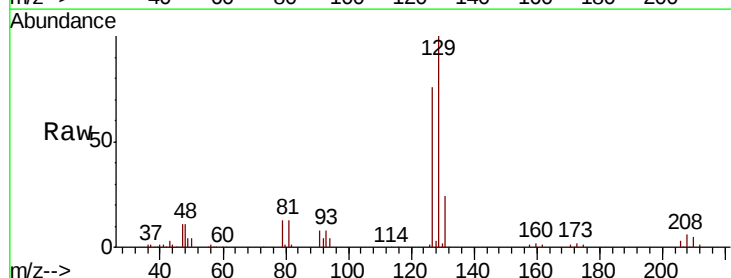
Instrument :  
MSVOA\_N  
ClientSampled :

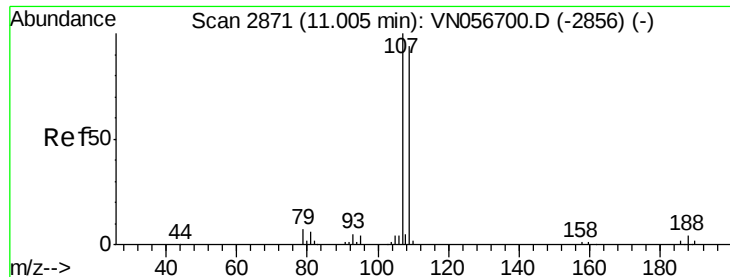
Tot Ion: 43 Resp: 801054  
Ion Ratio Lower Upper  
43 100  
58 56.6 27.9 83.6



#60  
Dibromochloromethane  
Concen: 53.271 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion: 129 Resp: 172734  
Ion Ratio Lower Upper  
129 100  
127 76.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 53.126 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

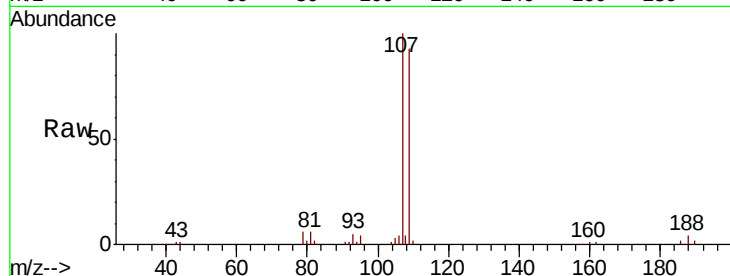
ClientSampled :

Tot Ion:107 Resp: 174076

Ion Ratio Lower Upper

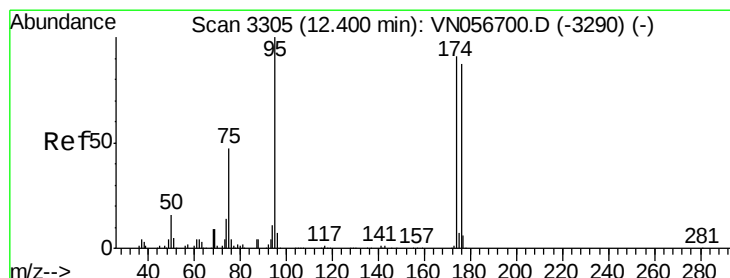
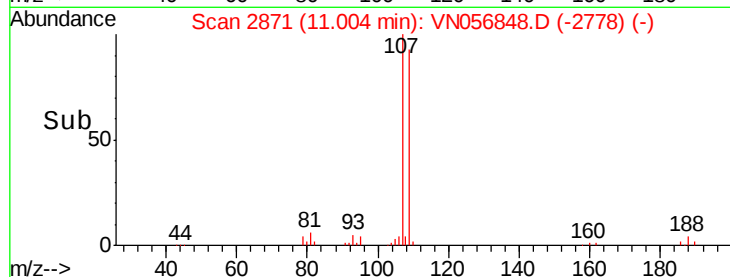
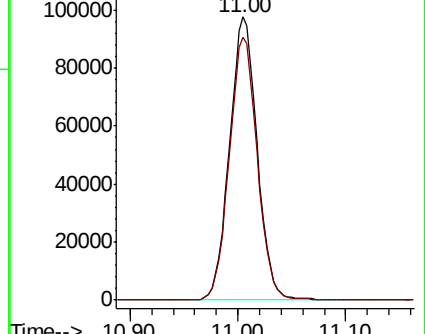
107 100

109 94.2 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.494 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

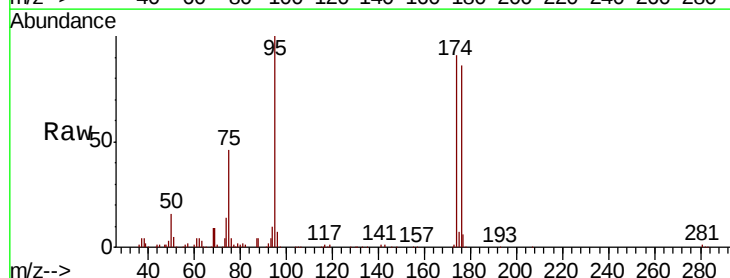
Tgt Ion: 95 Resp: 191064

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.0

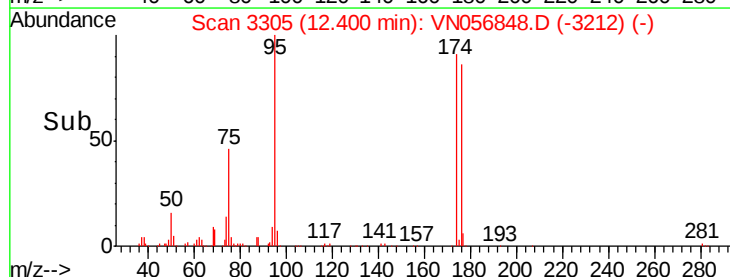
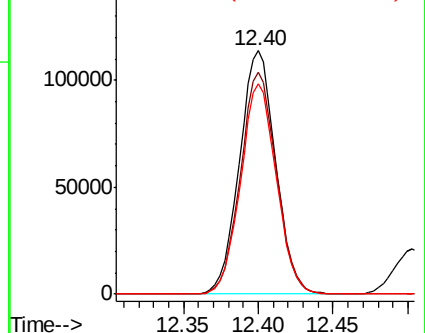
176 85.7 0.0 173.2

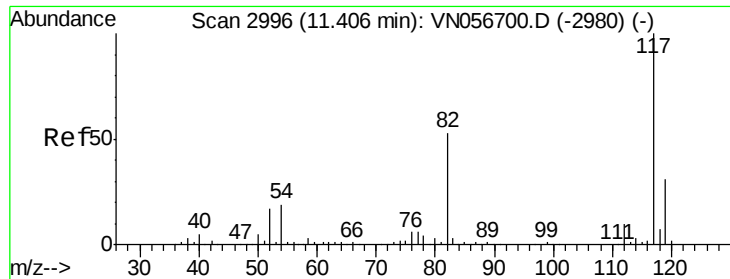


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

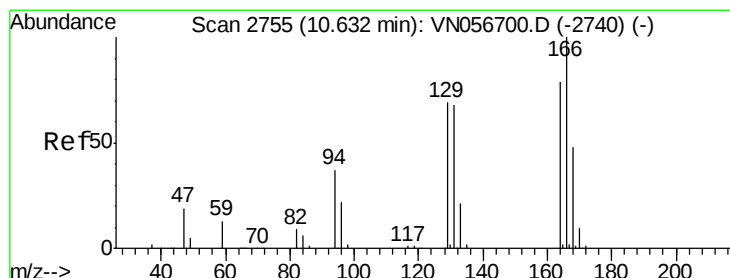
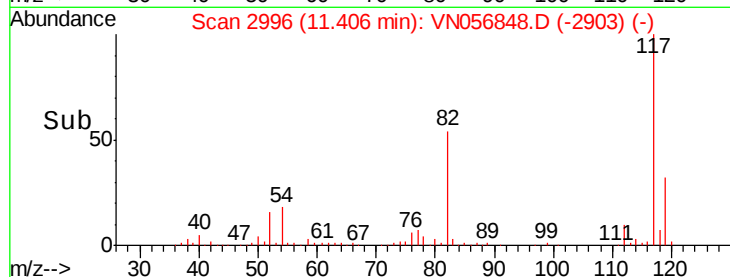
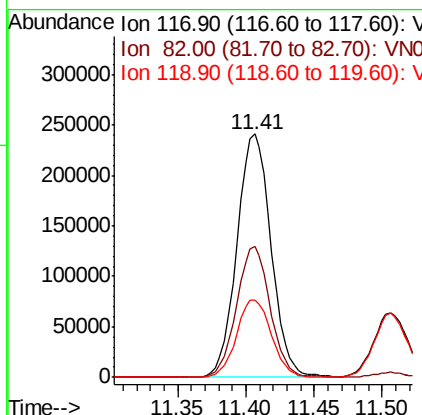
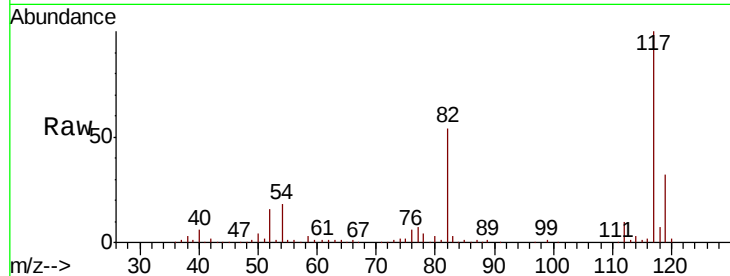




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

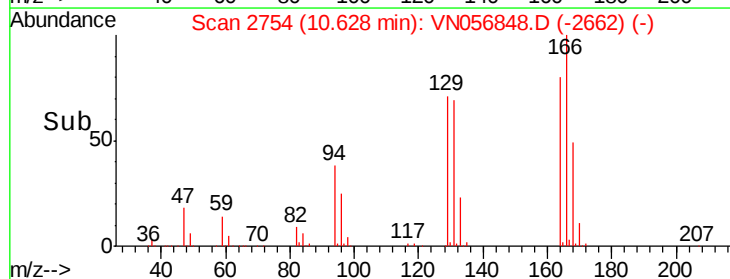
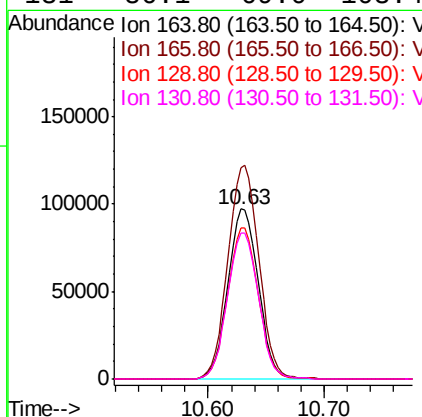
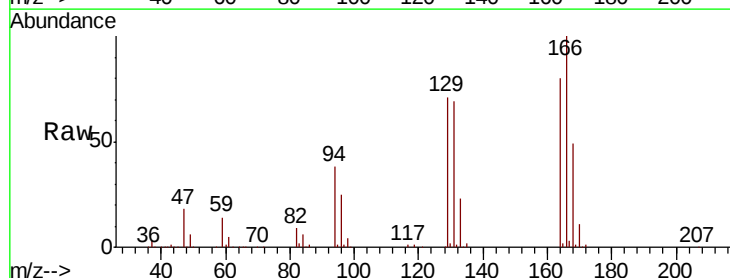
Instrument :  
MSVOA\_N  
ClientSampled :

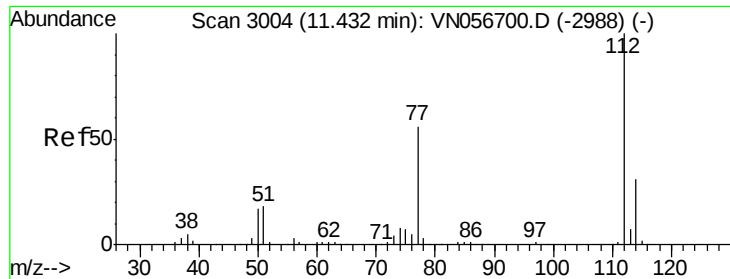
Tot Ion:117 Resp: 418539  
Ion Ratio Lower Upper  
117 100  
82 53.5 42.2 63.2  
119 31.9 25.2 37.8



#64  
Tetrachloroethene  
Concen: 48.987 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion:164 Resp: 176883  
Ion Ratio Lower Upper  
164 100  
166 124.3 101.4 152.2  
129 88.6 69.6 104.4  
131 86.1 69.0 103.4

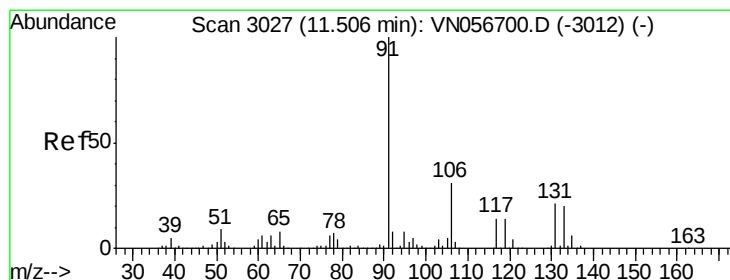
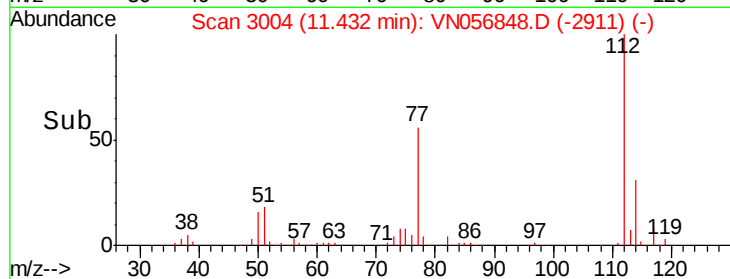
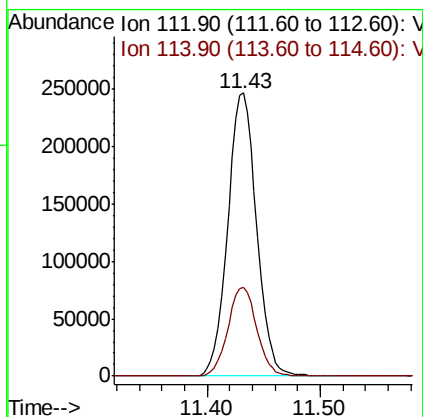
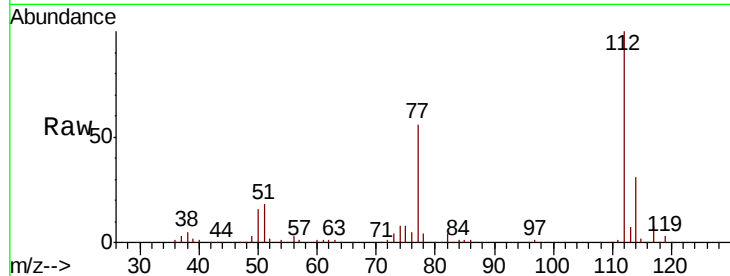




#65  
Chlorobenzene  
Concen: 50.959 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

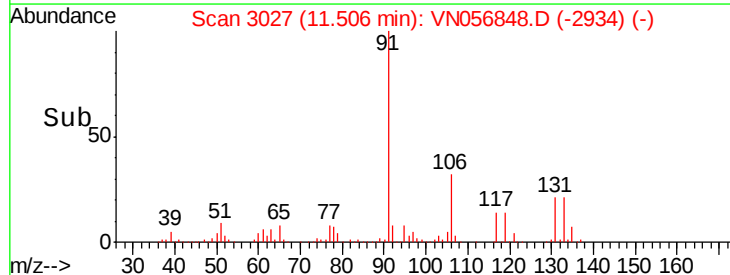
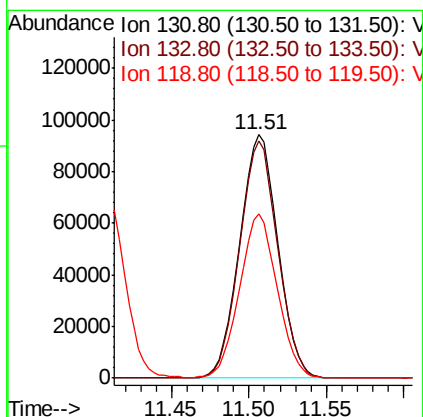
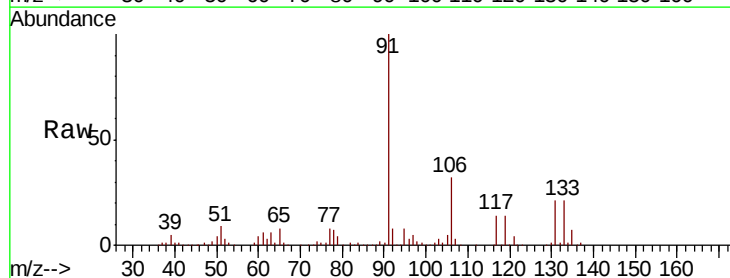
Instrument :  
MSVOA\_N  
ClientSampled :

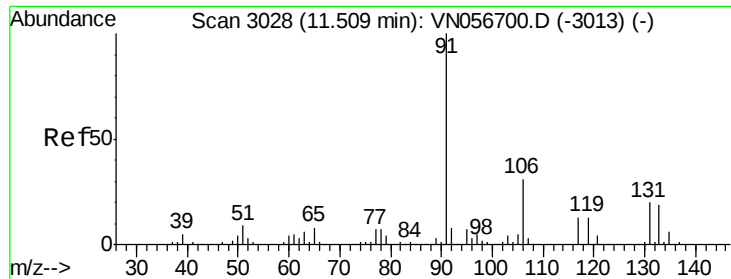
Tot Ion:112 Resp: 436104  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.530 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion:131 Resp: 162371  
Ion Ratio Lower Upper  
131 100  
133 97.0 46.9 140.7  
119 66.4 32.8 98.3

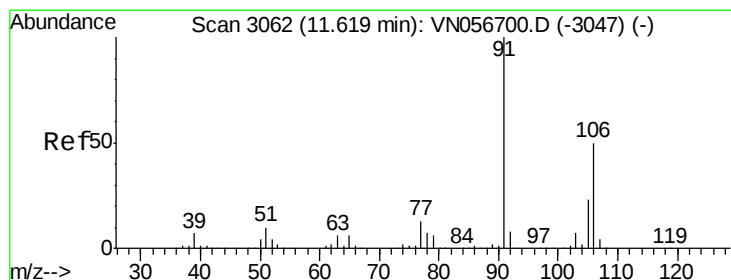
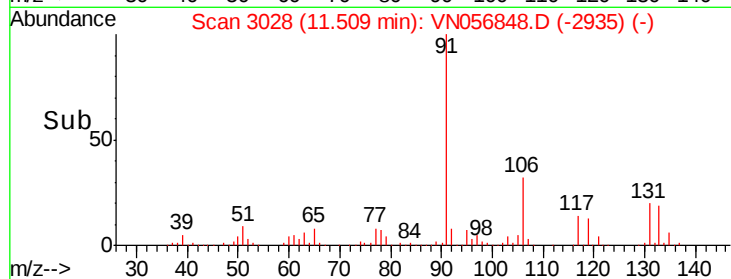
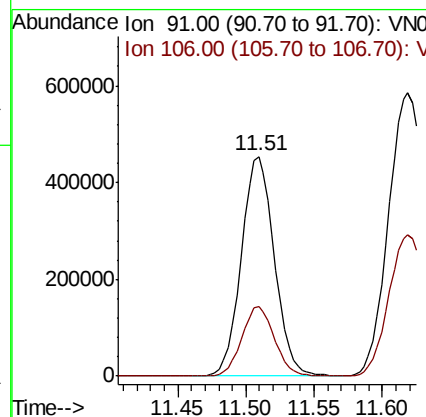
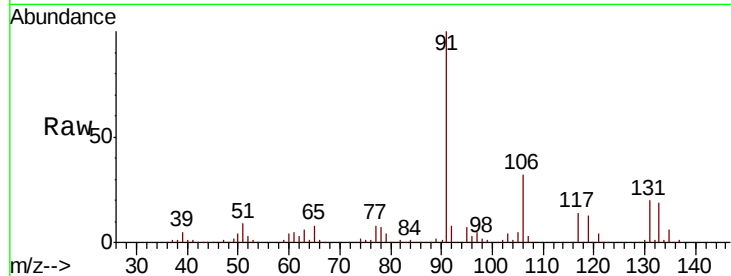




#67  
Ethyl Benzene  
Concen: 50.704 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

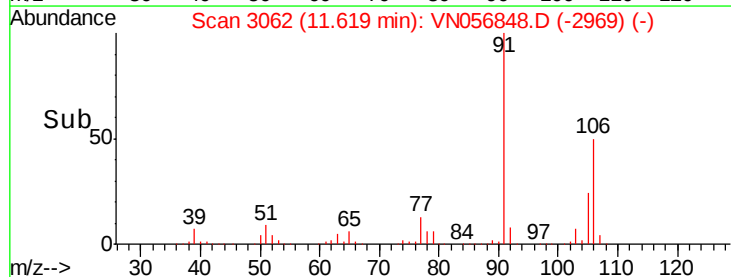
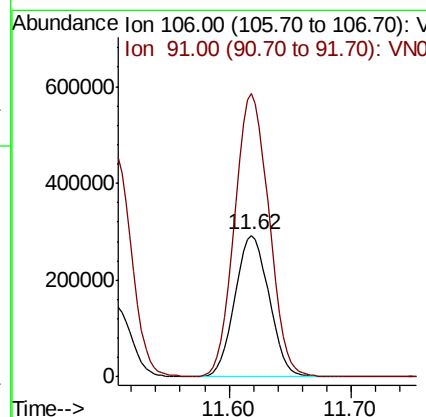
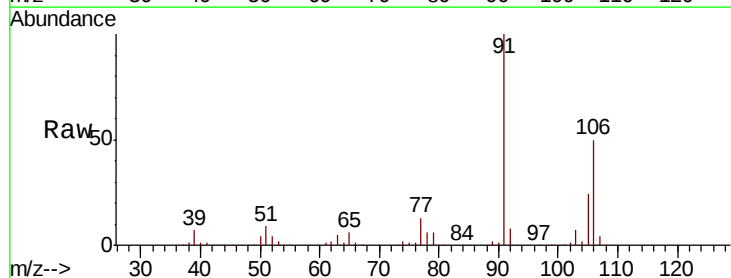
Instrument :  
MSVOA\_N  
ClientSampled :

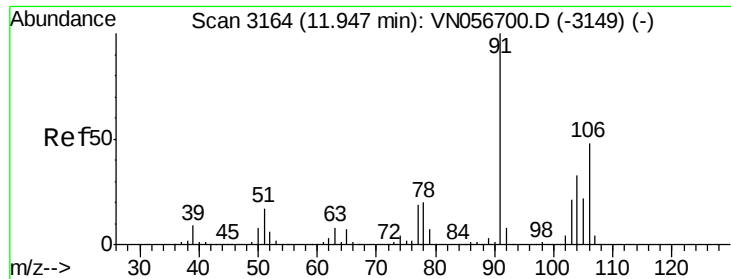
Tot Ion: 91 Resp: 762583  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.8 37.2



#68  
m/p-Xylenes  
Concen: 101.265 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion: 106 Resp: 569189  
Ion Ratio Lower Upper  
106 100  
91 201.5 160.5 240.7

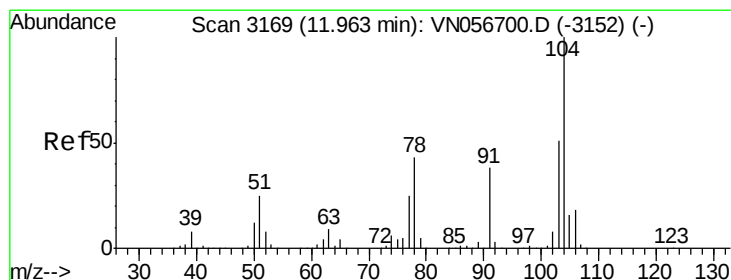
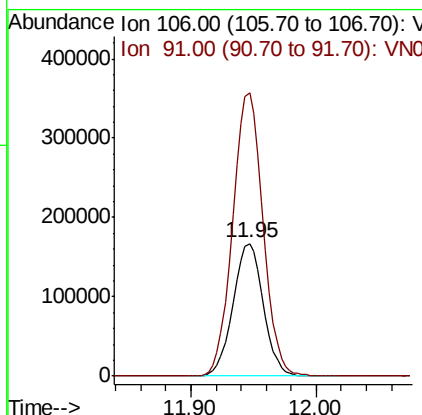
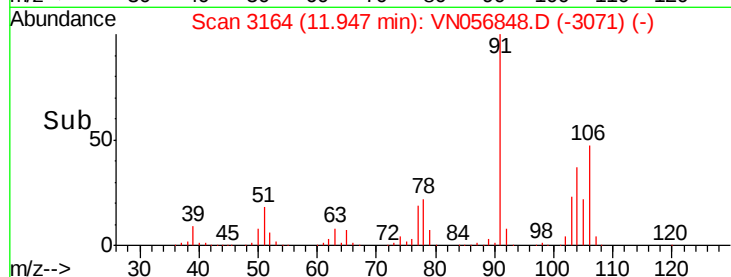
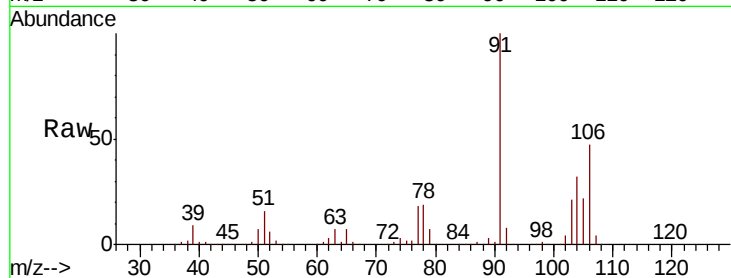




#69  
o-Xylene  
Concen: 50.661 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

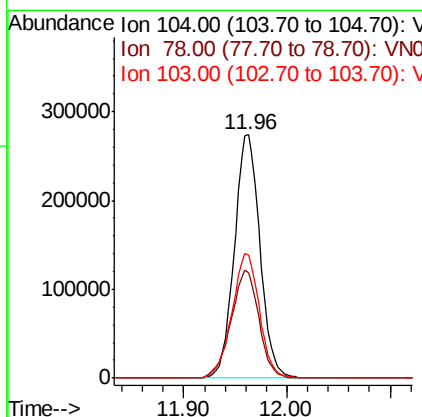
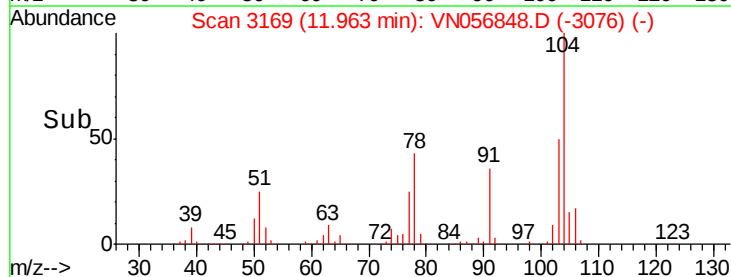
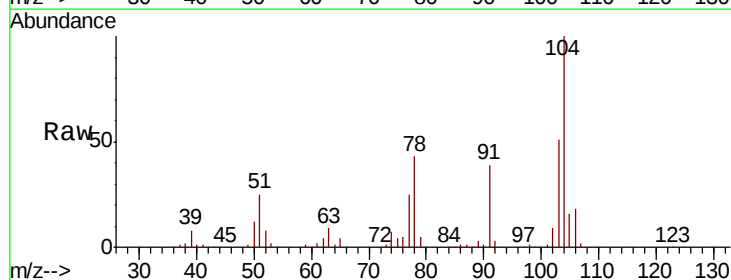
Instrument :  
MSVOA\_N  
ClientSampled :

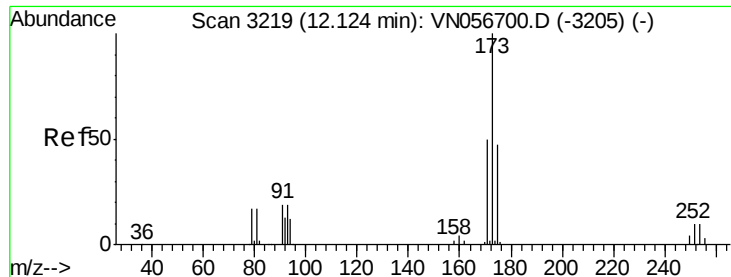
Tot Ion:106 Resp: 279948  
Ion Ratio Lower Upper  
106 100  
91 213.7 105.6 316.8



#70  
Styrene  
Concen: 53.013 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion:104 Resp: 473607  
Ion Ratio Lower Upper  
104 100  
78 48.0 38.6 57.8  
103 55.0 44.2 66.4





#71

Bromoform

Concen: 53.938 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

ClientSampled :

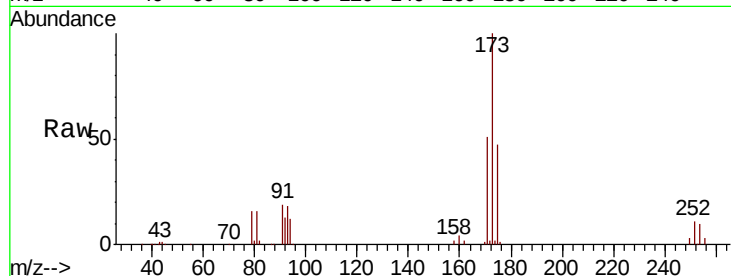
Tot Ion:173 Resp: 129317

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.4

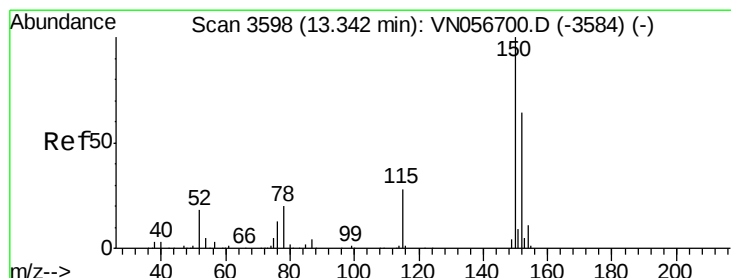
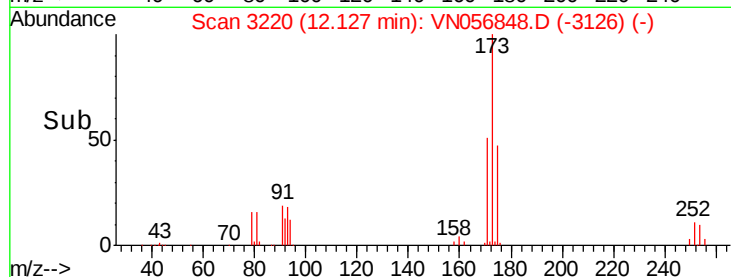
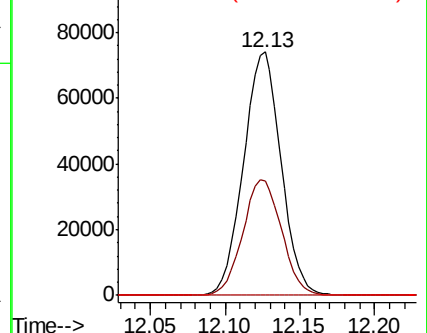
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

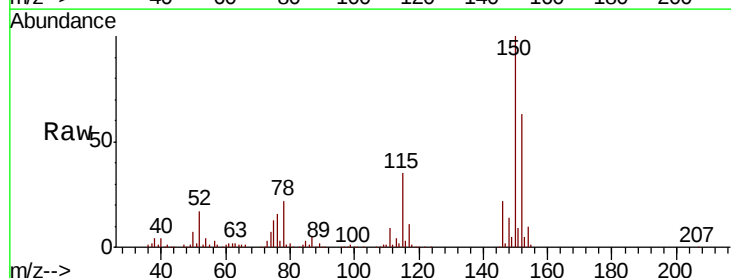
Tgt Ion:152 Resp: 187992

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

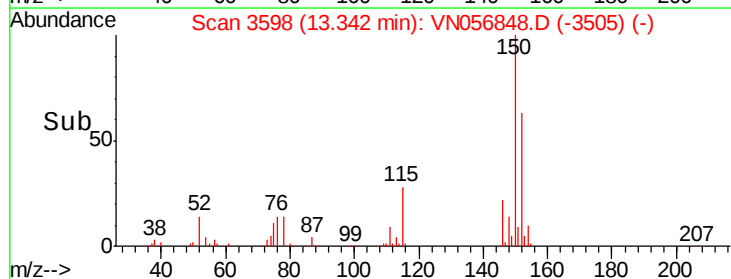
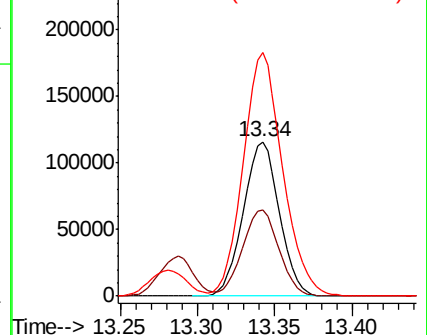
150 172.0 0.0 345.8

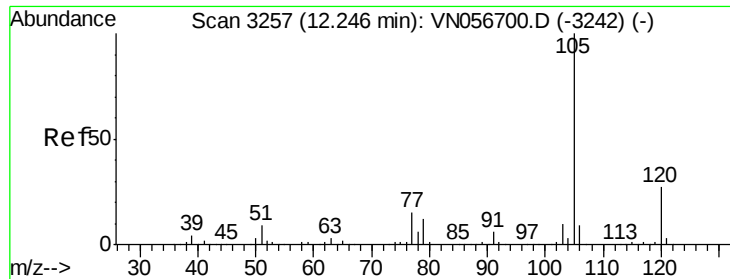


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.842 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

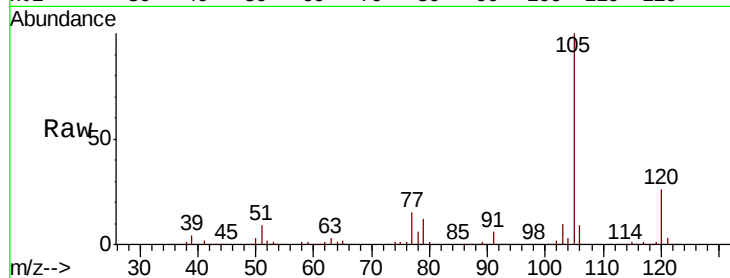
ClientSampleId :

Tot Ion:105 Resp: 740351

Ion Ratio Lower Upper

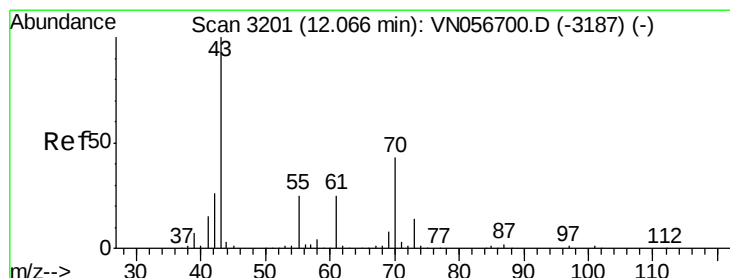
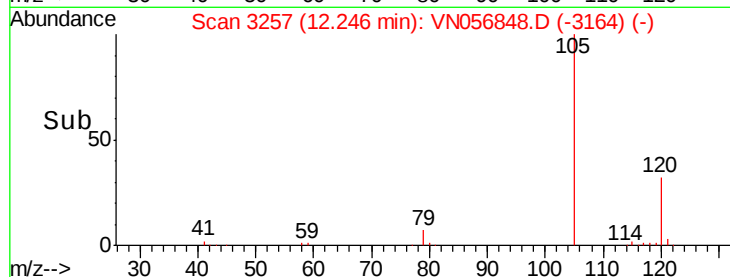
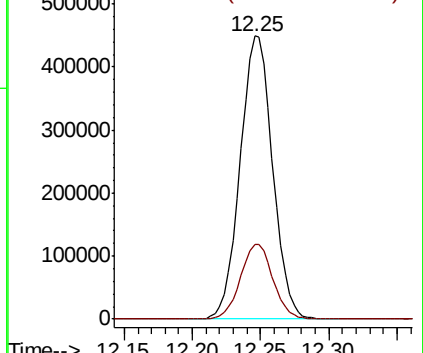
105 100

120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.239 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Tgt Ion: 43 Resp: 277964

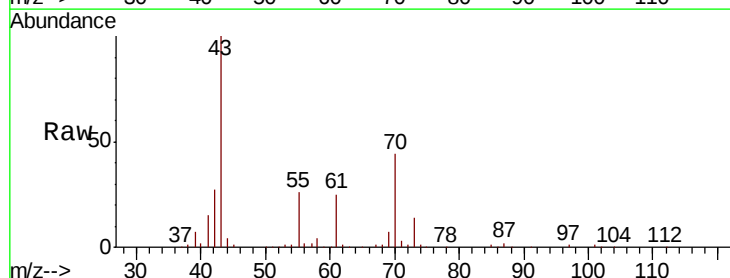
Ion Ratio Lower Upper

43 100

70 43.8 34.5 51.7

55 26.2 20.2 30.2

61 25.3 19.9 29.9

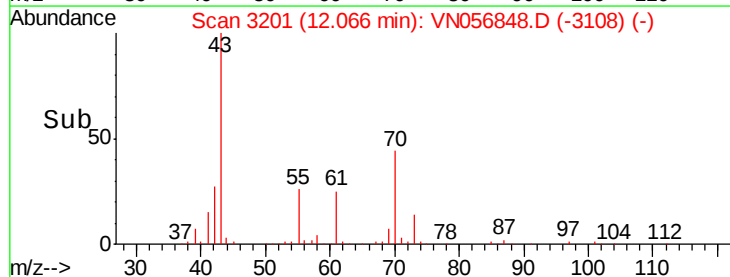
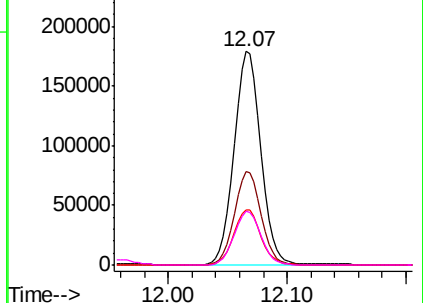


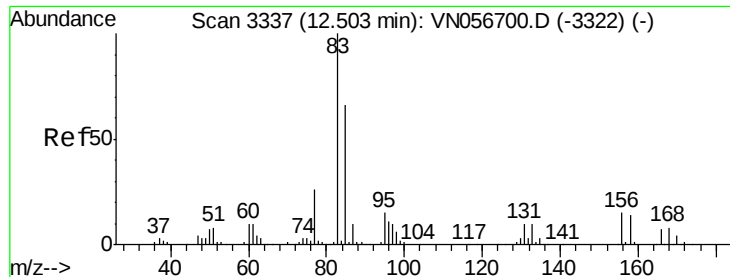
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.577 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

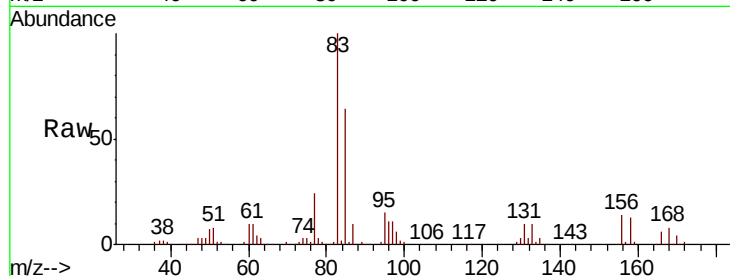
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 83 Resp: 238775

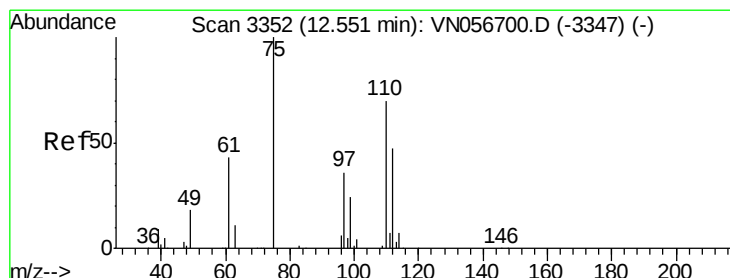
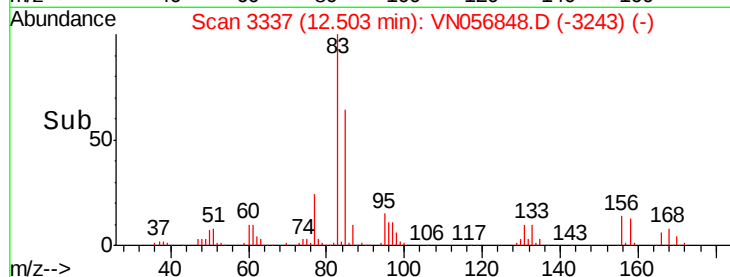
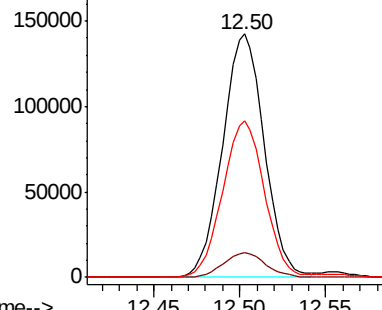
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.3  | 5.3   | 15.8  |
| 85  | 64.6  | 32.6  | 97.8  |



Abundance Ion 82.90 (82.60 to 83.60): VN056700.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN056700.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN056700.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 71.536 ug/l

RT: 12.55 min Scan# 3352

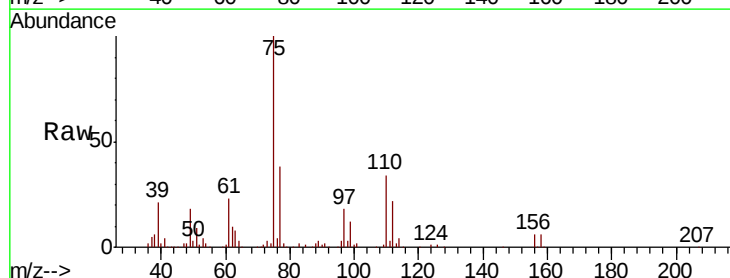
Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

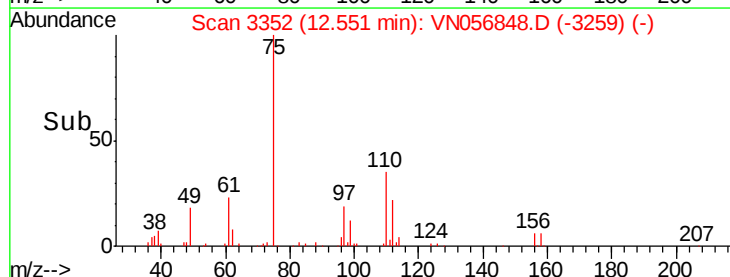
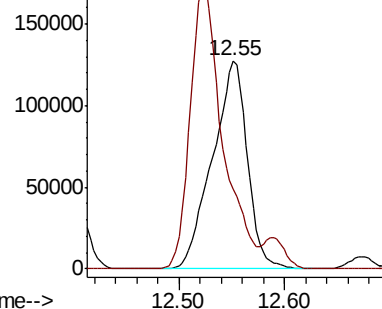
Tgt Ion: 75 Resp: 294131

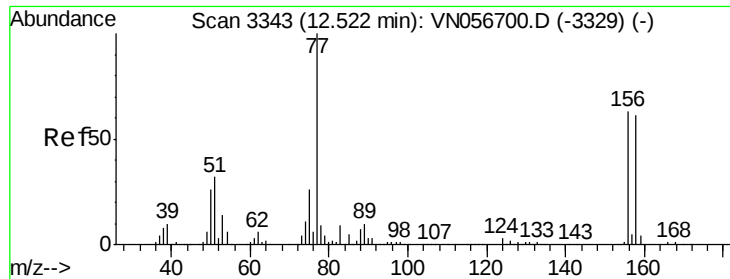
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |



Abundance Ion 74.90 (74.60 to 75.60): VN056700.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN056700.D (-3347) (-)





#77

Bromobenzene

Concen: 49.468 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

ClientSampled :

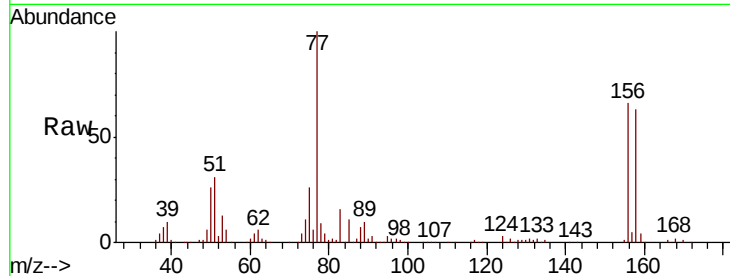
Tot Ion:156 Resp: 196125

Ion Ratio Lower Upper

156 100

77 188.1 97.2 291.6

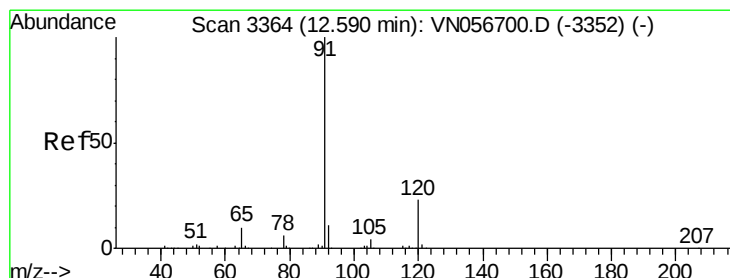
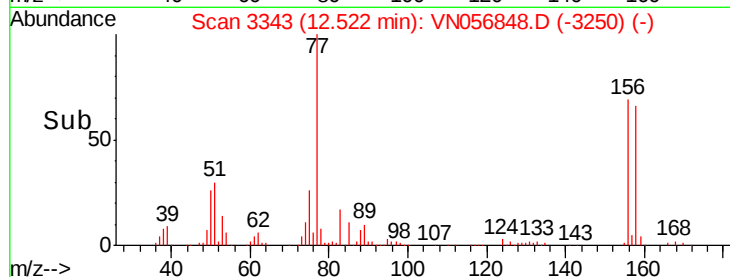
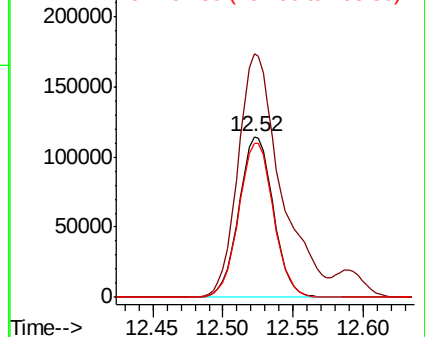
158 96.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.568 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056848.D

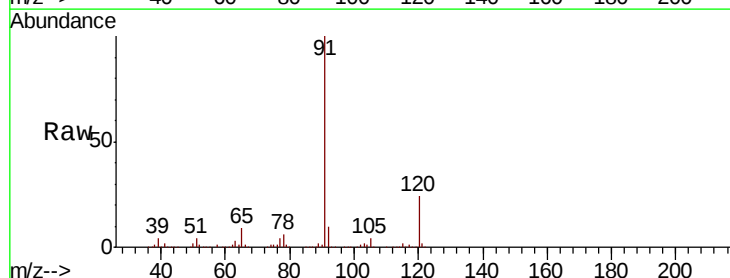
Acq: 19 Jul 2019 21:30

Tgt Ion: 91 Resp: 817305

Ion Ratio Lower Upper

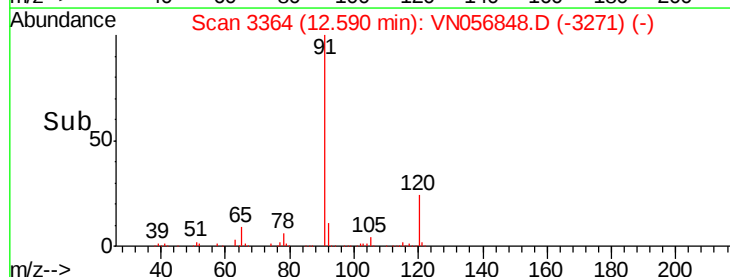
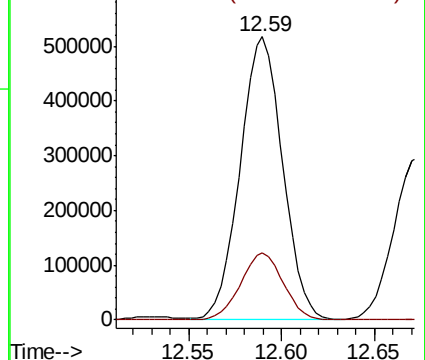
91 100

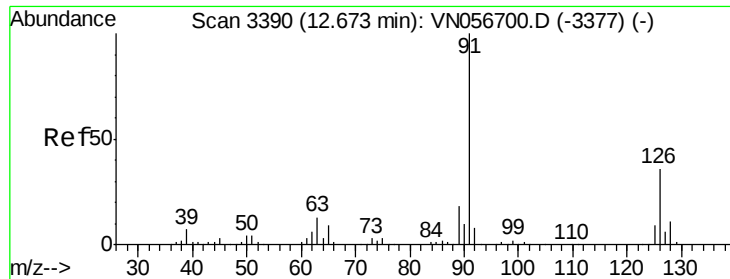
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

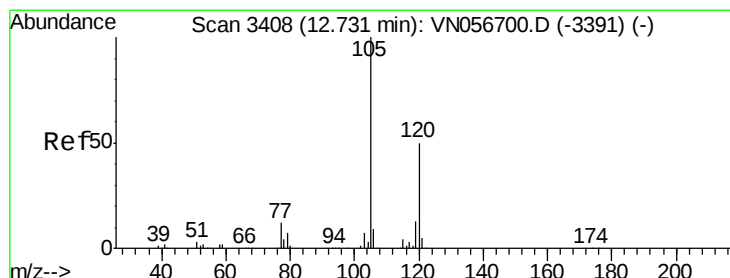
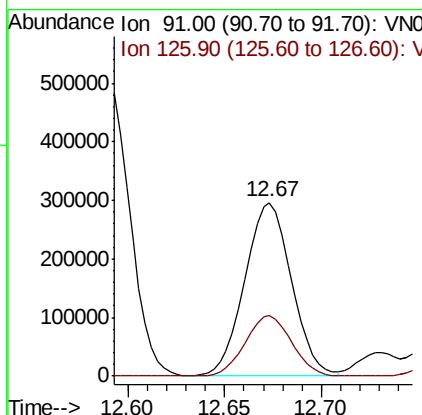
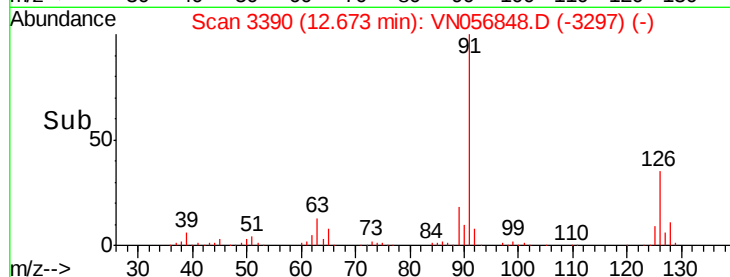
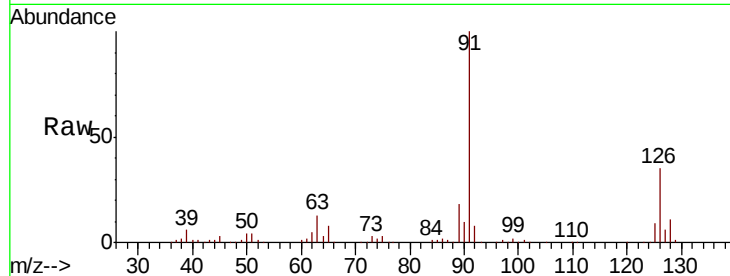




#79  
 2-Chlorotoluene  
 Concen: 53.500 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. 0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

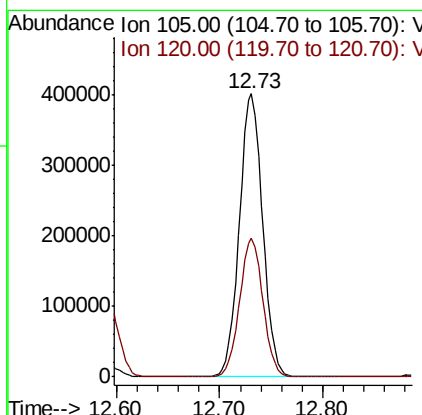
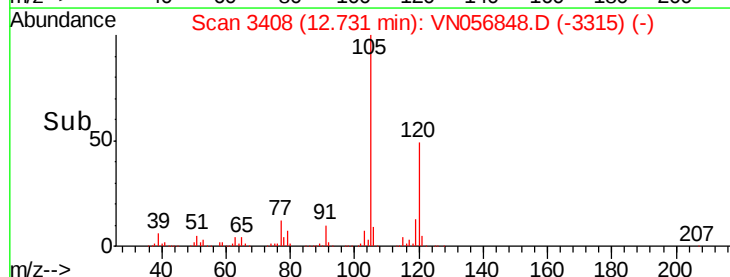
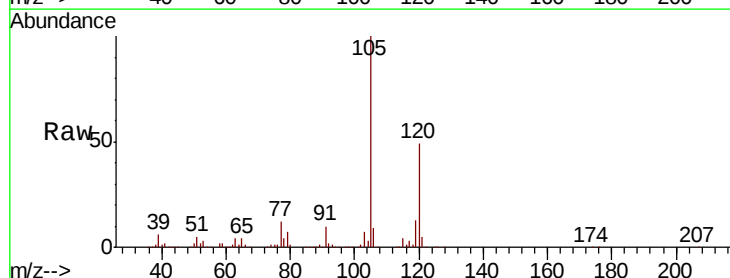
Instrument :  
 MSVOA\_N  
 ClientSampleId :

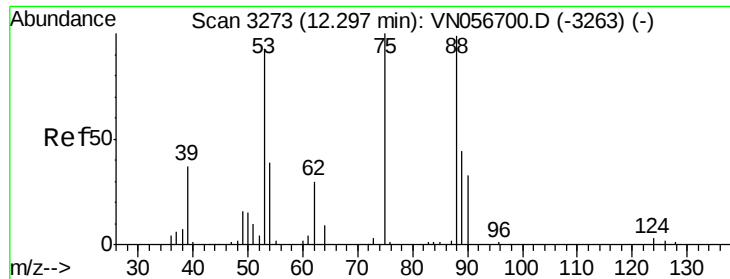
Tot Ion: 91 Resp: 496440  
 Ion Ratio Lower Upper  
 91 100  
 126 35.0 17.9 53.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 48.961 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Tgt Ion: 105 Resp: 628997  
 Ion Ratio Lower Upper  
 105 100  
 120 49.1 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.953 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

ClientSampleId :

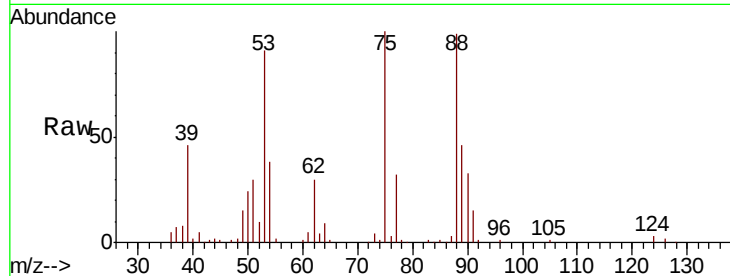
Tot Ion: 75 Resp: 66505

Ion Ratio Lower Upper

75 100

53 91.9 73.7 110.5

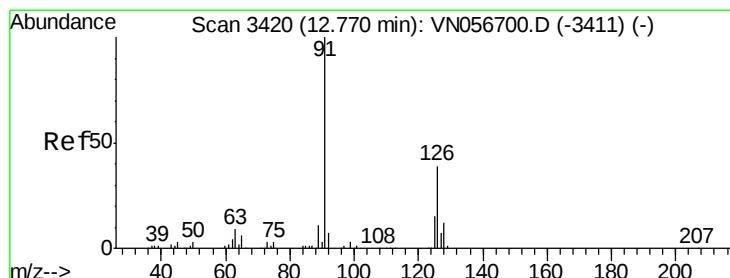
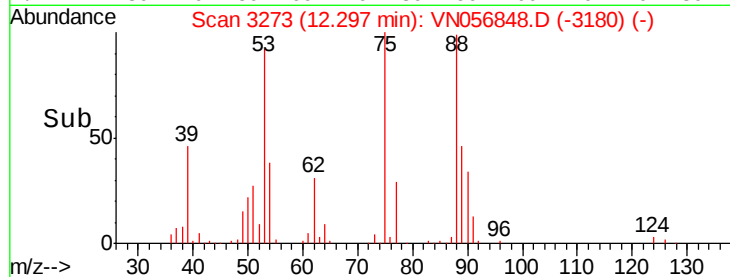
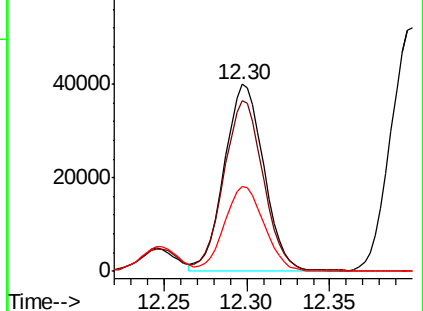
89 45.2 36.2 54.2



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: 48.960 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056848.D

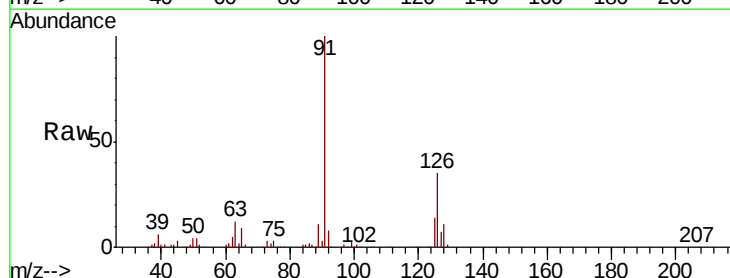
Acq: 19 Jul 2019 21:30

Tgt Ion: 91 Resp: 483506

Ion Ratio Lower Upper

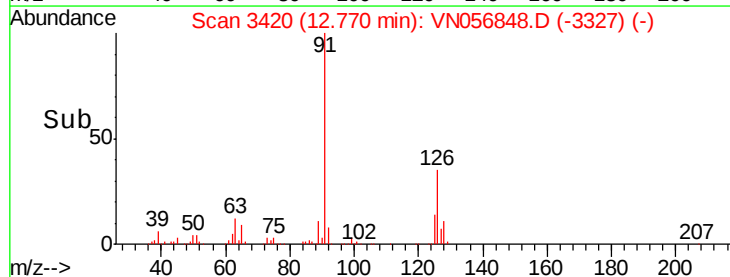
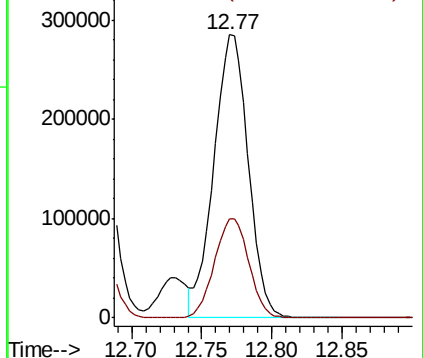
91 100

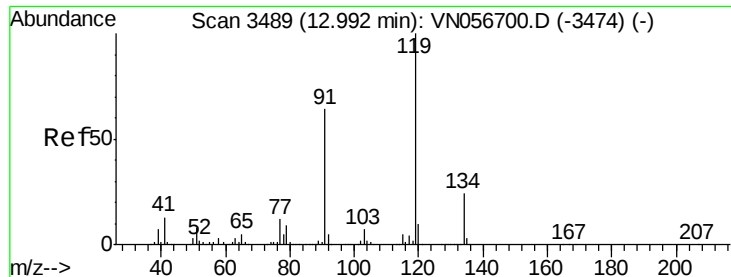
126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

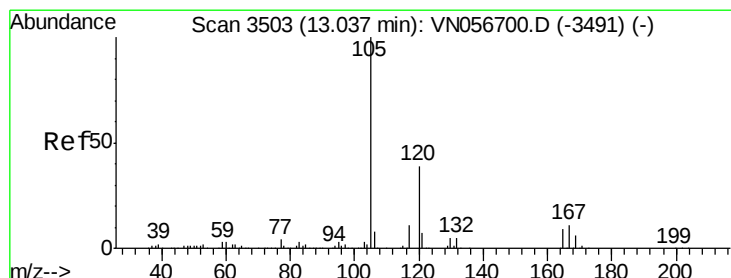
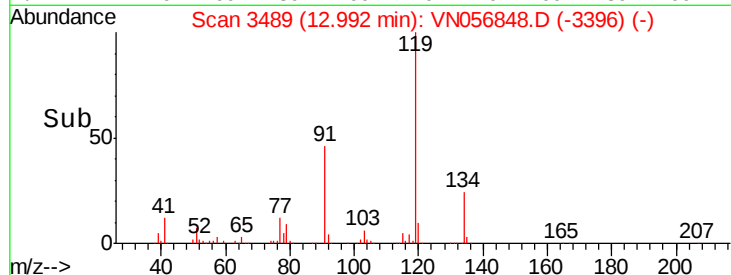
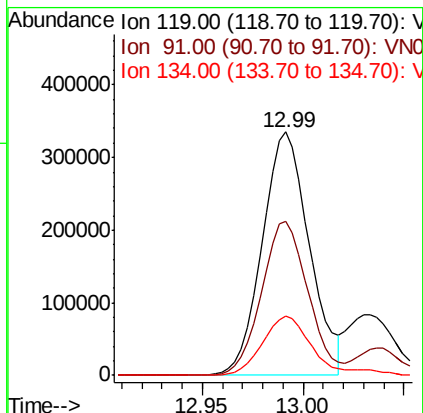
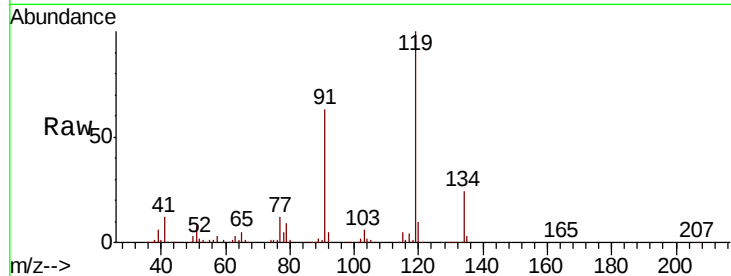




#83  
 tert-Butylbenzene  
 Concen: 54.456 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

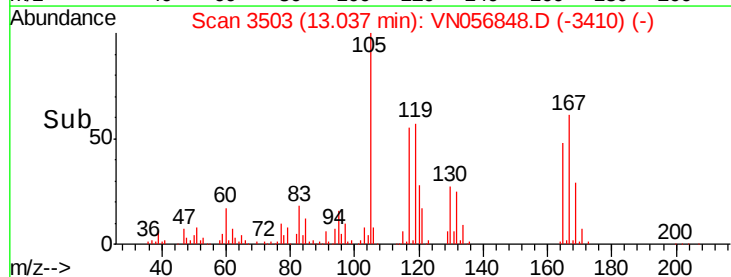
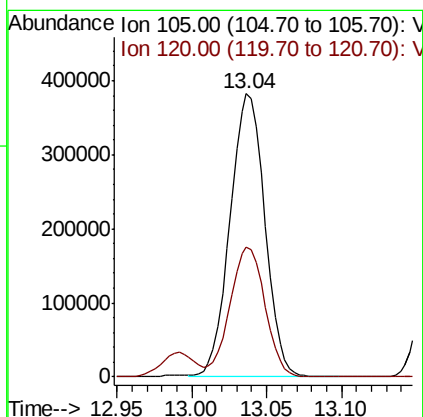
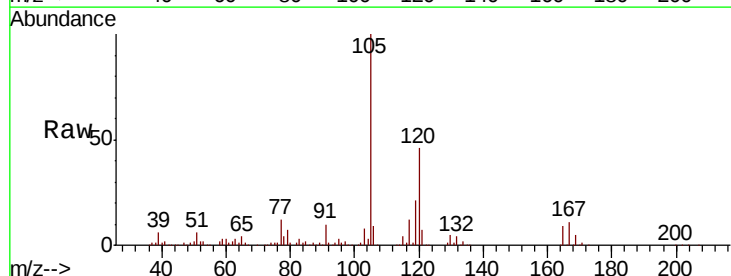
Instrument :  
 MSVOA\_N  
 ClientSampled :

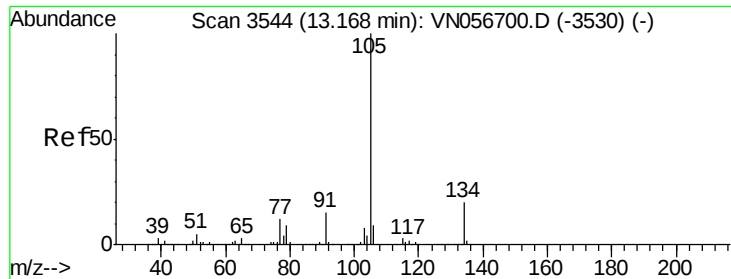
Tot Ion:119 Resp: 544068  
 Ion Ratio Lower Upper  
 119 100  
 91 62.6 31.8 95.4  
 134 26.2 13.0 38.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.228 ug/l  
 RT: 13.04 min Scan# 3503  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Tgt Ion:105 Resp: 617842  
 Ion Ratio Lower Upper  
 105 100  
 120 46.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 48.981 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

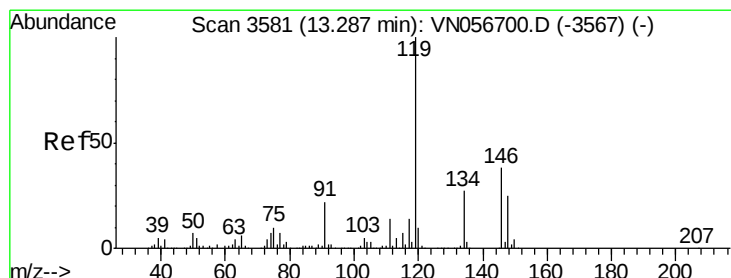
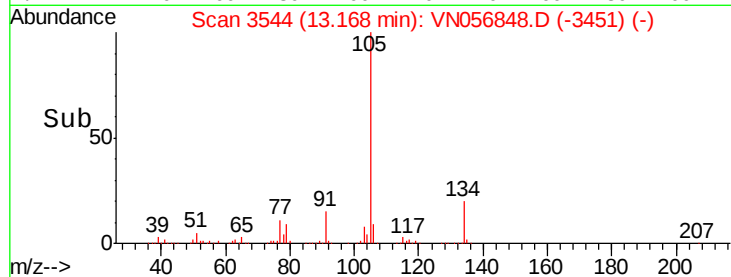
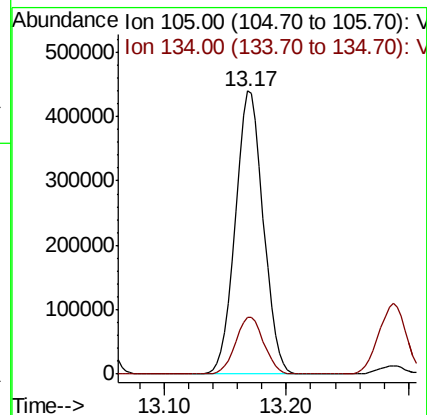
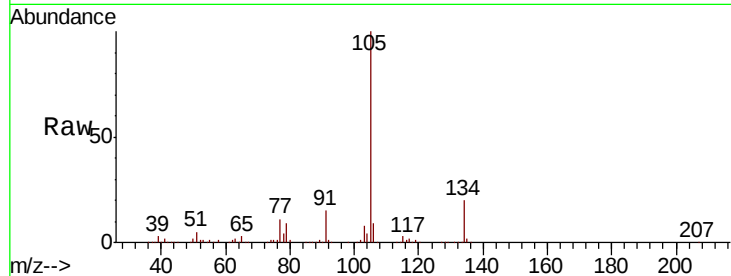
ClientSampled :

Tot Ion:105 Resp: 699224

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.344 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

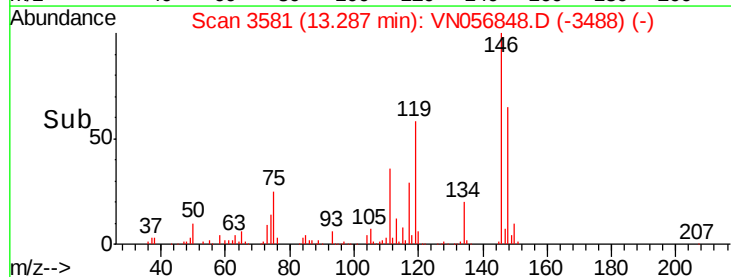
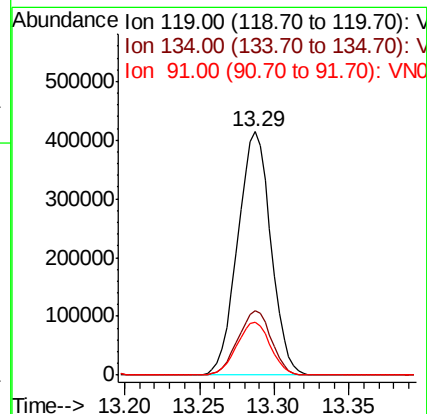
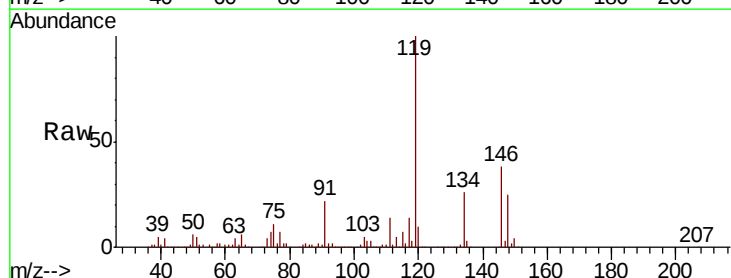
Tgt Ion:119 Resp: 638114

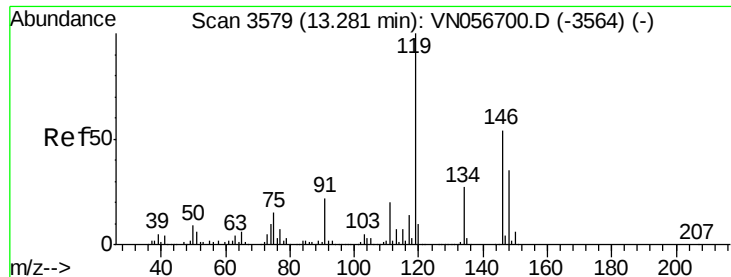
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.1 11.2 33.5

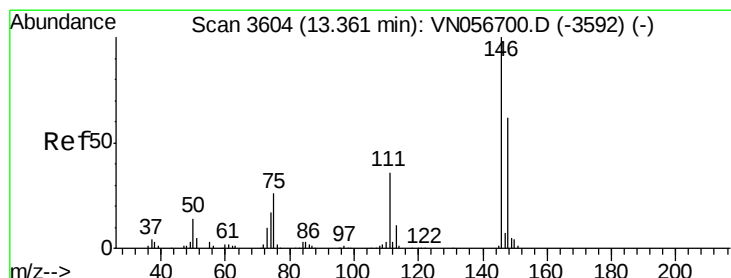
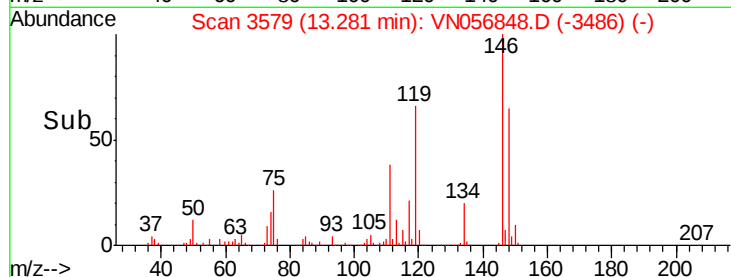
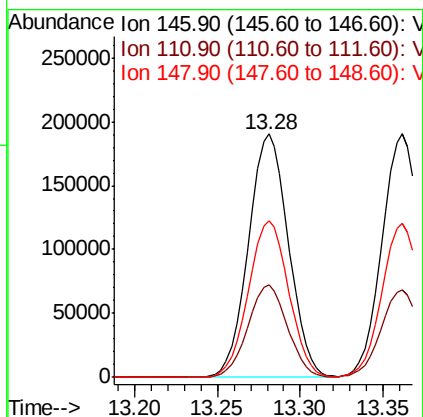
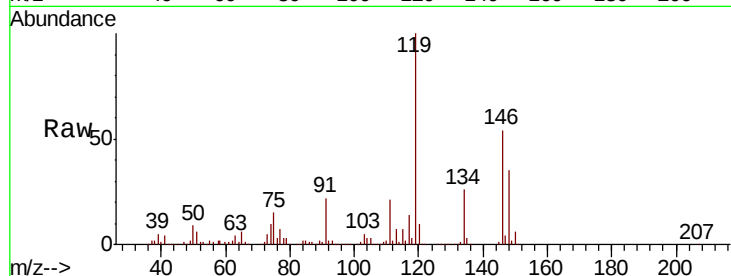




#87  
 1,3-Dichlorobenzene  
 Concen: 49.107 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

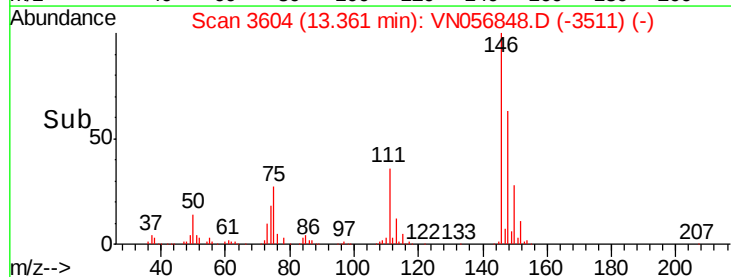
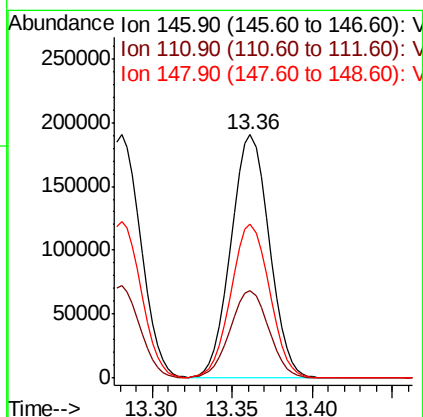
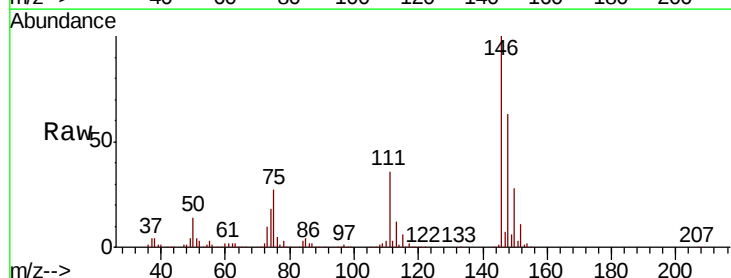
Instrument :  
 MSVOA\_N  
 ClientSampleId :

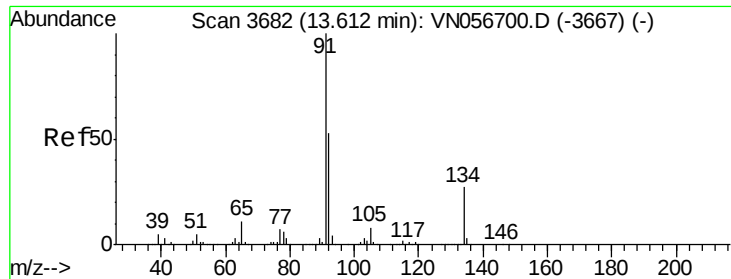
Tot Ion:146 Resp: 319071  
 Ion Ratio Lower Upper  
 146 100  
 111 37.4 18.8 56.3  
 148 64.9 32.3 96.8



#88  
 1,4-Dichlorobenzene  
 Concen: 49.337 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. -0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Tgt Ion:146 Resp: 311821  
 Ion Ratio Lower Upper  
 146 100  
 111 36.3 18.6 55.8  
 148 63.7 31.9 95.7





#89

n-Butylbenzene

Concen: 48.354 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

ClientSampleId :

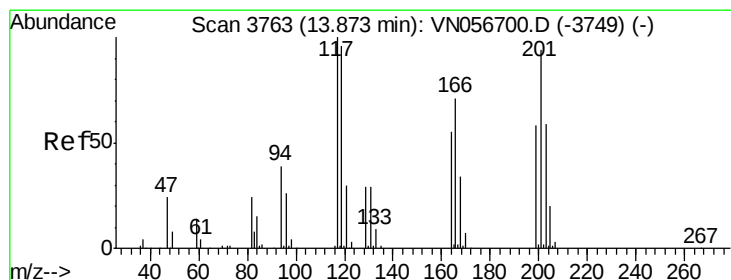
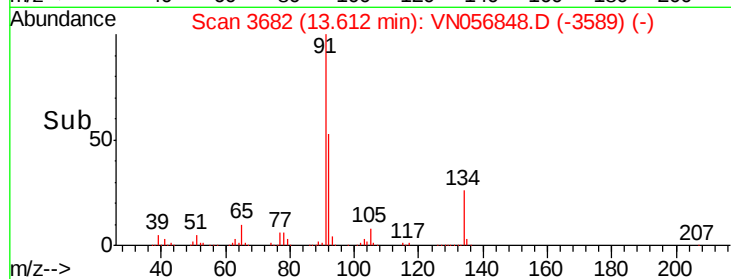
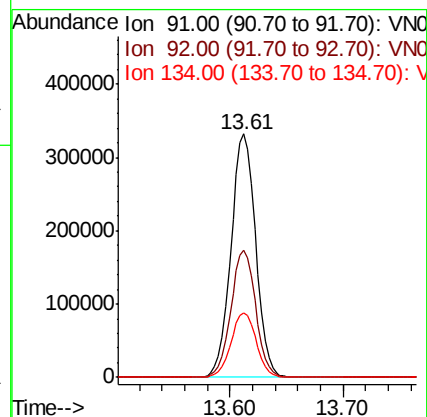
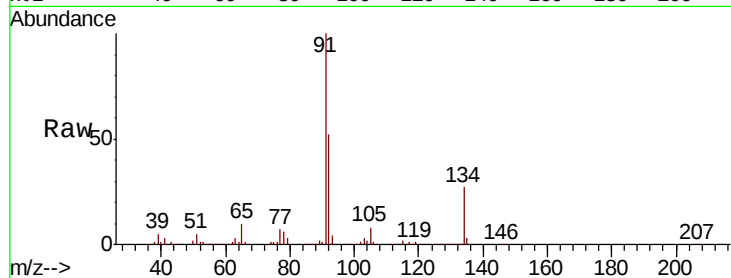
Tot Ion: 91 Resp: 503690

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

134 27.1 13.4 40.2



#90

Hexachloroethane

Concen: 50.749 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056848.D

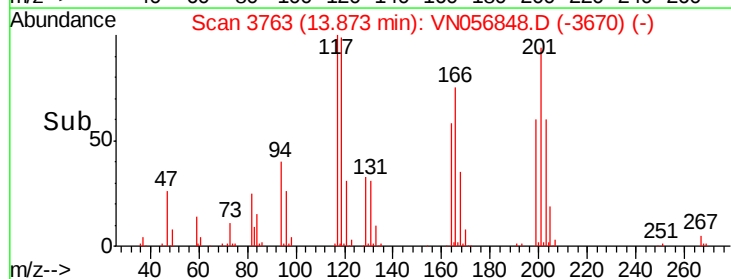
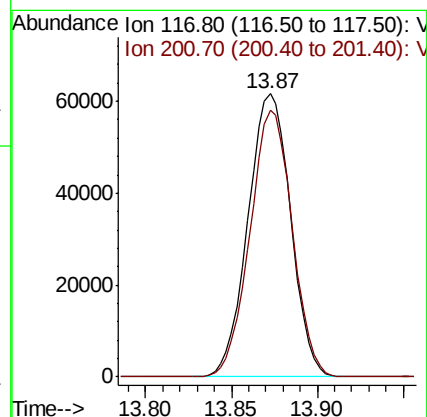
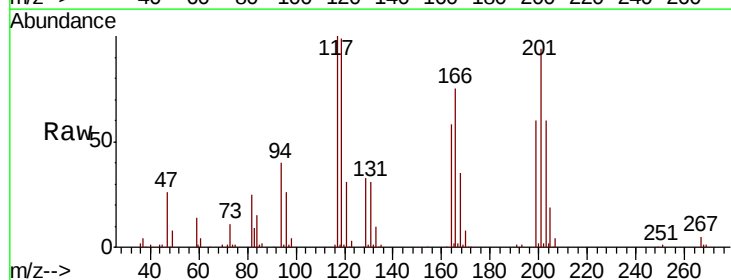
Acq: 19 Jul 2019 21:30

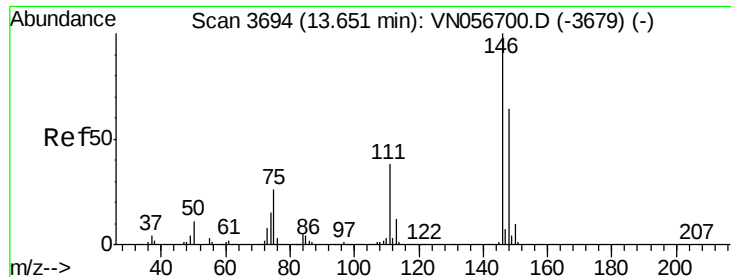
Tgt Ion: 117 Resp: 106130

Ion Ratio Lower Upper

117 100

201 93.0 46.5 139.5





#91

1,2-Dichlorobenzene

Concen: 49.150 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA\_N

ClientSampled :

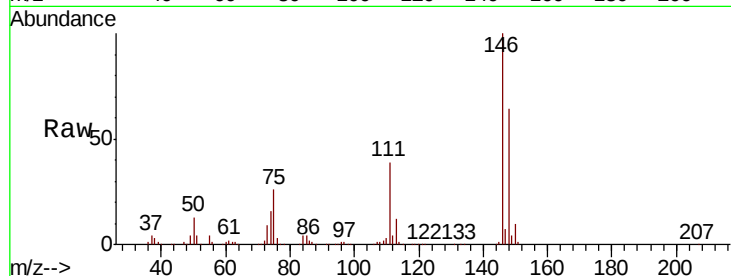
Tot Ion:146 Resp: 326618

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.1

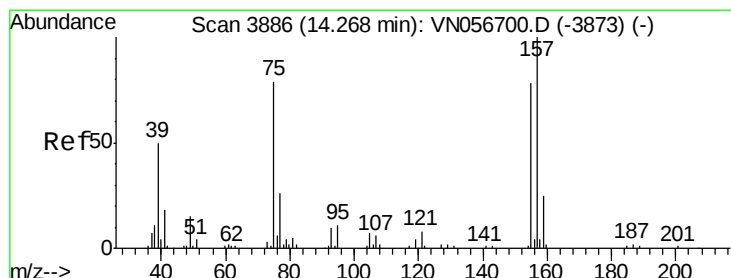
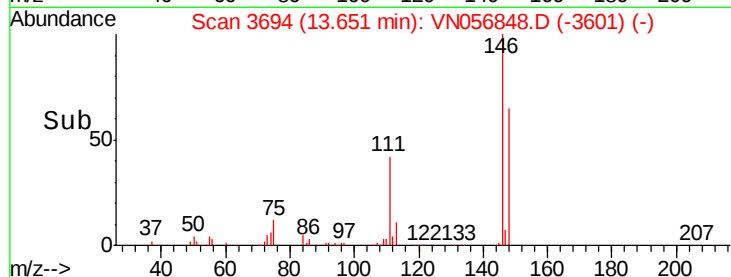
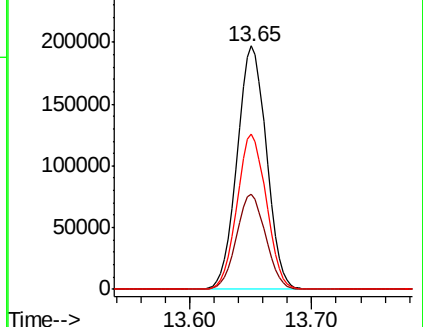
148 63.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.975 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

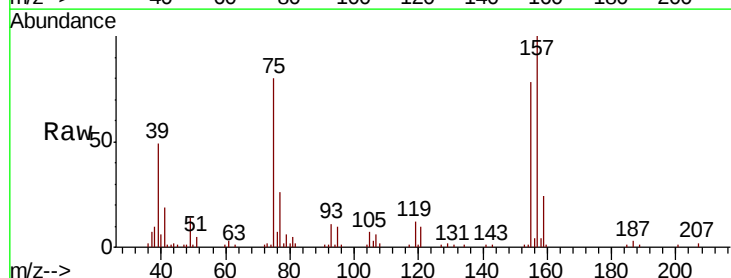
Tgt Ion: 75 Resp: 40620

Ion Ratio Lower Upper

75 100

155 98.9 49.3 147.9

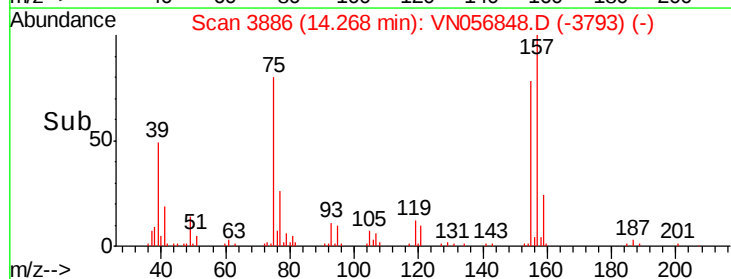
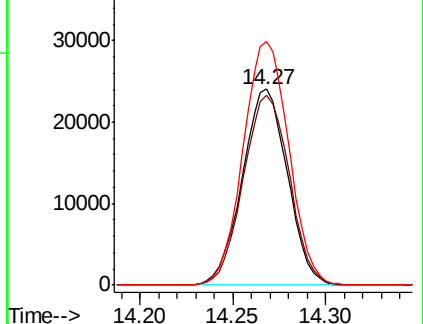
157 126.1 62.4 187.1

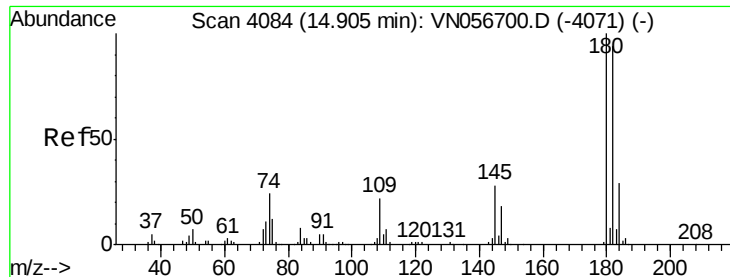


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

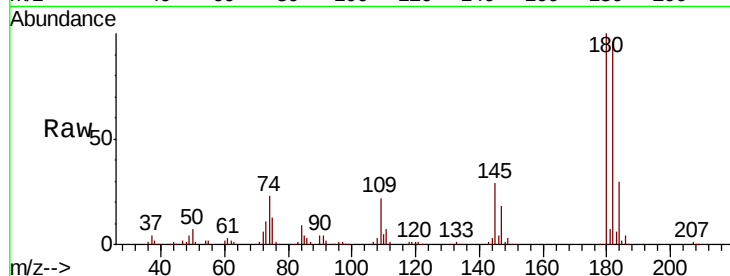




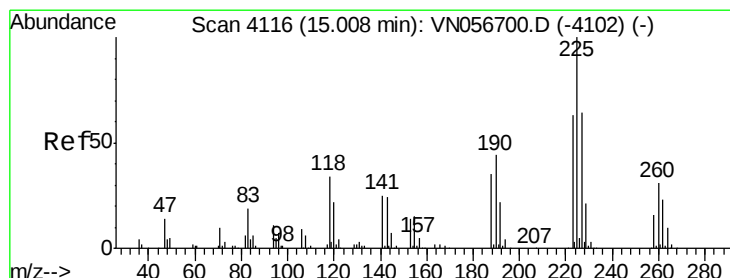
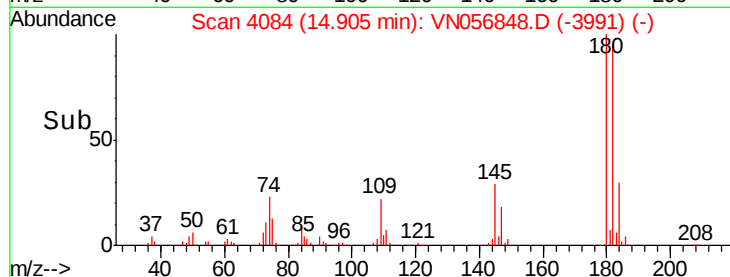
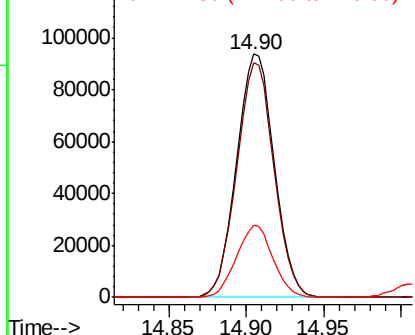
#93  
 1,2,4-Trichlorobenzene  
 Concen: 43.623 ug/l  
 RT: 14.90 min Scan# 4084  
 Delta R.T. 0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:180 Resp: 158286  
 Ion Ratio Lower Upper  
 180 100  
 182 95.7 47.2 141.6  
 145 28.6 14.2 42.8

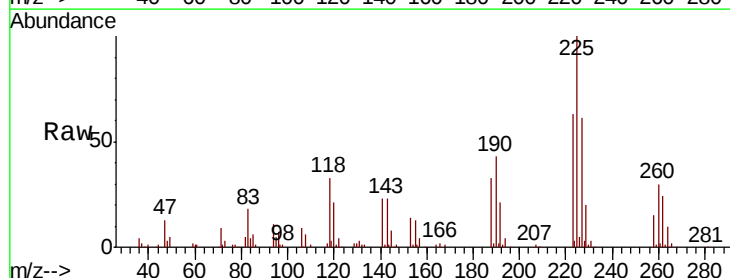


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

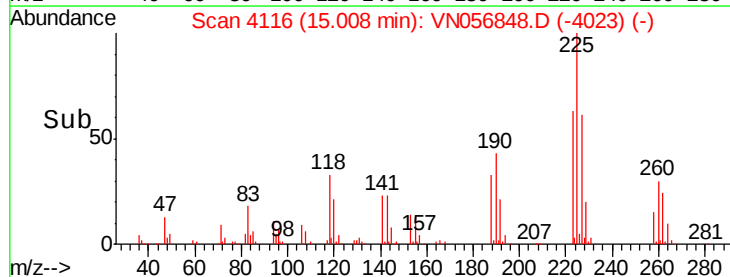
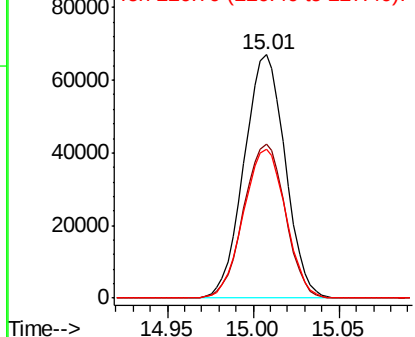


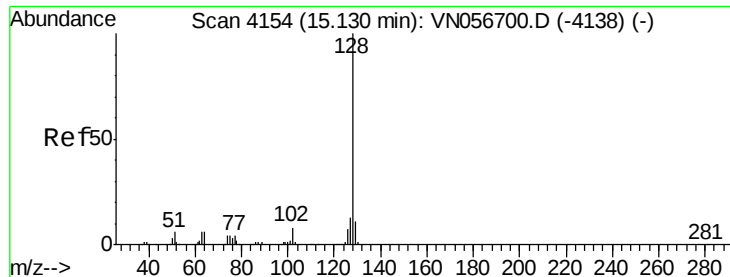
#94  
 Hexachlorobutadiene  
 Concen: 53.481 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN056848.D  
 Acq: 19 Jul 2019 21:30

Tgt Ion:225 Resp: 111472  
 Ion Ratio Lower Upper  
 225 100  
 223 63.8 31.5 94.5  
 227 62.8 32.0 96.2



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

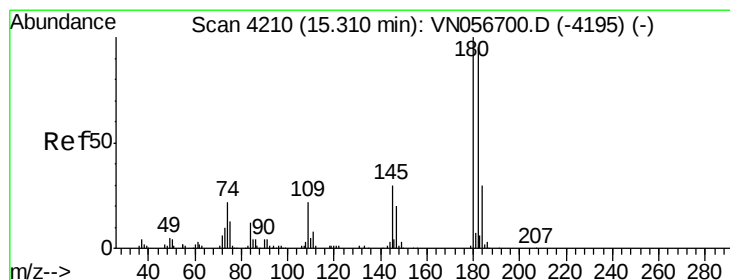
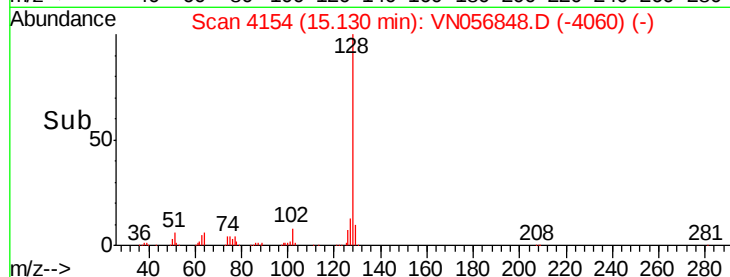
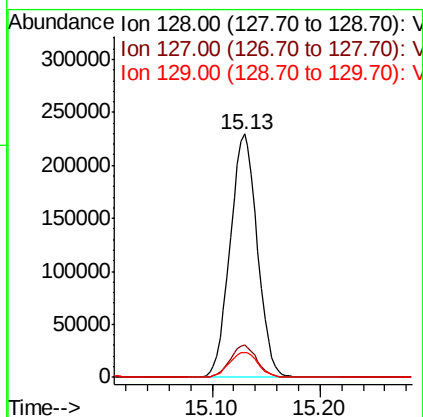
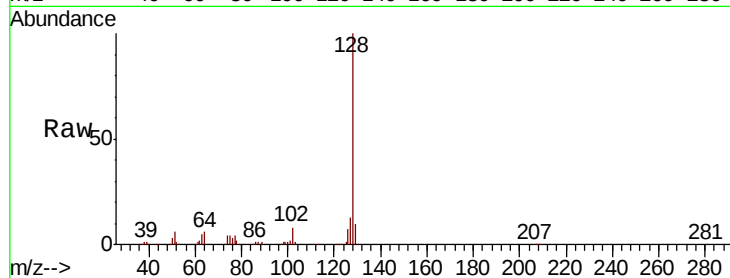




#95  
Naphthalene  
Concen: 40.947 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:128 Resp: 403352  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 44.721 ug/l  
RT: 15.31 min Scan# 4210  
Delta R.T. 0.00 min  
Lab File: VN056848.D  
Acq: 19 Jul 2019 21:30

Tgt Ion:180 Resp: 161639  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.1 141.3  
145 30.5 15.0 45.1

