

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN082219\  
 Data File : VN057446.D  
 Acq On : 22 Aug 2019 21:16  
 Operator : JC/SP  
 Sample : VN0822WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

Quant Time: Aug 23 05:13:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N082219W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 23 05:07:29 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 381657   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 711140   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 607025   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 194366   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.01   | 65  | 338064   | 50.35 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.70% |      |
| 35) Dibromofluoromethane  | 7.58   | 113 | 229250   | 47.73 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.46%  |      |
| 50) Toluene-d8            | 10.09  | 98  | 878148   | 48.35 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.70%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 275228   | 44.72 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.44%  |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.84 | 85  | 97449   | 21.637  | ug/l   | 92     |
| 3) Chloromethane              | 2.05 | 50  | 129778  | 20.175  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.17 | 62  | 160751  | 20.532  | ug/l   | 98     |
| 5) Bromomethane               | 2.54 | 94  | 102336  | 21.209  | ug/l   | 96     |
| 6) Chloroethane               | 2.69 | 64  | 101531  | 20.160  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 246428  | 20.277  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.39 | 74  | 89647   | 21.087  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101 | 132386  | 21.262  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.92 | 142 | 99401   | 20.030  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.79 | 59  | 84766   | 101.617 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.71 | 96  | 128850  | 19.834  | ug/l   | 99     |
| 13) Acrolein                  | 3.58 | 56  | 73396   | 100.062 | ug/l   | 96     |
| 14) Allyl chloride            | 4.29 | 41  | 169590  | 19.733  | ug/l   | 97     |
| 15) Acrylonitrile             | 4.97 | 53  | 230681  | 102.543 | ug/l   | 98     |
| 16) Acetone                   | 3.80 | 43  | 216654  | 70.268  | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.02 | 76  | 238732  | 19.265  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.31 | 43  | 141907  | 20.770  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.02 | 73  | 295577  | 18.849  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.52 | 84  | 92620   | 20.216  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 85382   | 18.625  | ug/l   | 98     |
| 22) Diisopropyl ether         | 5.93 | 45  | 365374  | 19.823  | ug/l   | 98     |
| 23) Vinyl Acetate             | 5.87 | 43  | 1397975 | 97.107  | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 189145  | 19.363  | ug/l   | 98     |
| 25) 2-Butanone                | 6.82 | 43  | 323315  | 96.569  | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 143901  | 17.012  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96  | 107040  | 19.698  | ug/l   | 95     |
| 28) Bromochloromethane        | 7.18 | 49  | 108991  | 20.719  | ug/l # | 22     |
| 29) Tetrahydrofuran           | 7.20 | 42  | 224680  | 101.773 | ug/l   | 99     |
| 30) Chloroform                | 7.36 | 83  | 184708  | 20.424  | ug/l   | 95     |
| 31) Cyclohexane               | 7.64 | 56  | 188719  | 20.010  | ug/l # | 96     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 160683  | 19.176  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 7.78 | 75  | 133181  | 18.328  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.91 | 43  | 138249  | 19.254  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.76 | 117 | 131479  | 18.213  | ug/l   | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN082219\  
 Data File : VN057446.D  
 Acq On : 22 Aug 2019 21:16  
 Operator : JC/SP  
 Sample : VN0822WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

Quant Time: Aug 23 05:13:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N082219W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 23 05:07:29 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 164362   | 19.045  | ug/l   | 97       |
| 40) Benzene                    | 8.03  | 78   | 405456   | 18.591  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.20  | 41   | 200220   | 58.478  | ug/l # | 17       |
| 42) 1,2-Dichloroethane         | 8.11  | 62   | 159727   | 19.021  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.16  | 43   | 245736   | 18.665  | ug/l   | 99       |
| 44) Trichloroethene            | 8.82  | 130  | 90793    | 18.649  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.11  | 63   | 114796   | 18.690  | ug/l   | 100      |
| 46) Dibromomethane             | 9.20  | 93   | 70655    | 19.396  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.40  | 83   | 148804   | 18.363  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.19  | 41   | 118542   | 18.935  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 31702    | 391.584 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 694977   | 94.716  | ug/l   | 100      |
| 52) Toluene                    | 10.15 | 92   | 235651   | 18.747  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 153393   | 18.072  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 166112   | 17.577  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 92800    | 18.256  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 156295   | 19.545  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 167197   | 18.898  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 189242   | 96.238  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 477785   | 94.937  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 97893    | 18.223  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 96597    | 19.374  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 83884    | 19.752  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 225203   | 18.353  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 88772    | 18.864  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 446524   | 18.800  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 308447   | 38.187  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 151484   | 18.932  | ug/l   | 96       |
| 70) Styrene                    | 11.96 | 104  | 243914   | 19.251  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 57618    | 18.112  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.25 | 105  | 412329   | 21.668  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 191819   | 21.704  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 124170   | 22.916  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 158843   | 35.865  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 84381    | 21.956  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.59 | 91   | 440753   | 20.855  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 269044   | 21.375  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 330965   | 21.393  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 37350    | 19.466  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 255787   | 20.989  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 283457   | 21.602  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 314814   | 20.834  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 366812   | 21.323  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 299267   | 19.698  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 120622   | 19.213  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.37 | 146  | 120008   | 19.519  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 252962   | 19.676  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 67103    | 21.588  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 121592   | 20.288  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 19692    | 20.910  | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN082219\  
Data File : VN057446.D  
Acq On : 22 Aug 2019 21:16  
Operator : JC/SP  
Sample : VN0822WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

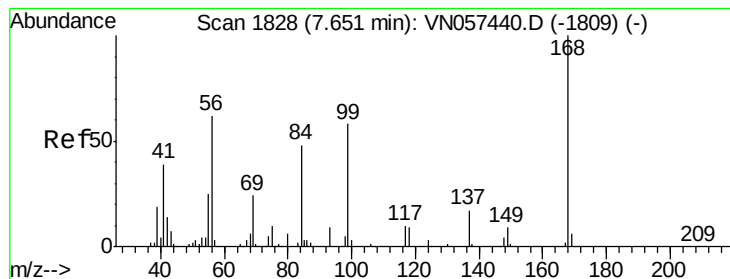
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0822WBSD01

Quant Time: Aug 23 05:13:42 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N082219W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 23 05:07:29 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 35815    | 18.555 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 35806    | 21.620 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 119713   | 18.478 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 35087    | 18.115 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

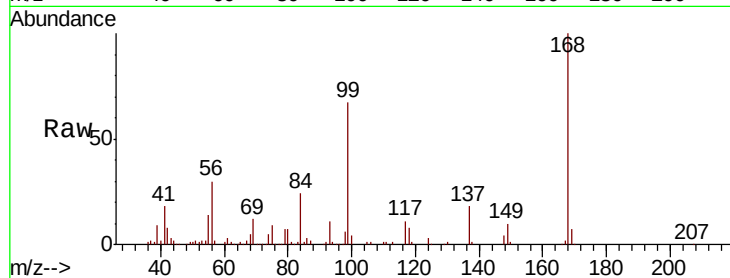
VN0822WBSD01

Tgt Ion:168 Resp: 381657

Ion Ratio Lower Upper

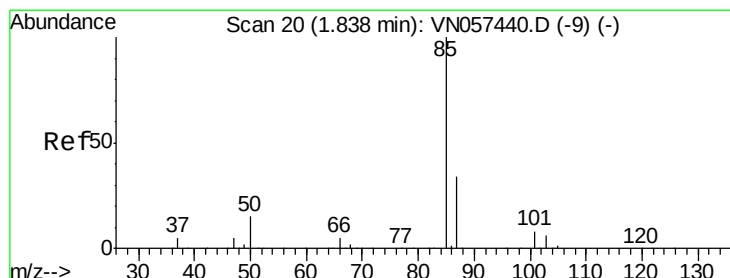
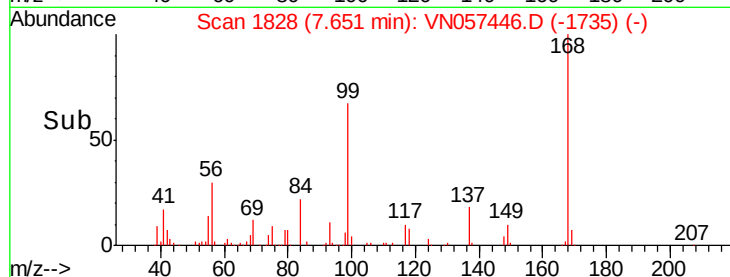
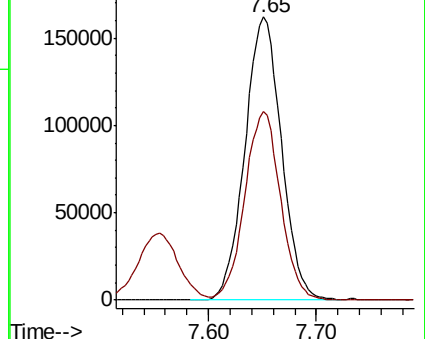
168 100

99 66.5 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 21.637 ug/l

RT: 1.84 min Scan# 20

Delta R.T. -0.00 min

Lab File: VN057446.D

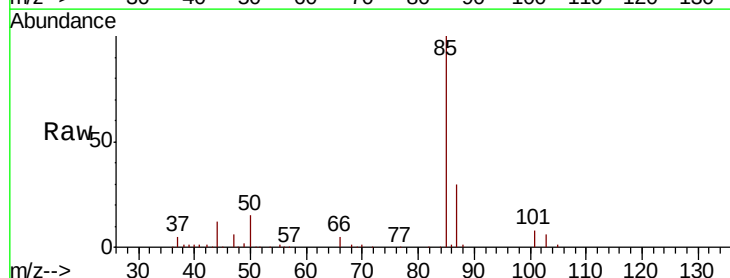
Acq: 22 Aug 2019 21:16

Tgt Ion: 85 Resp: 97449

Ion Ratio Lower Upper

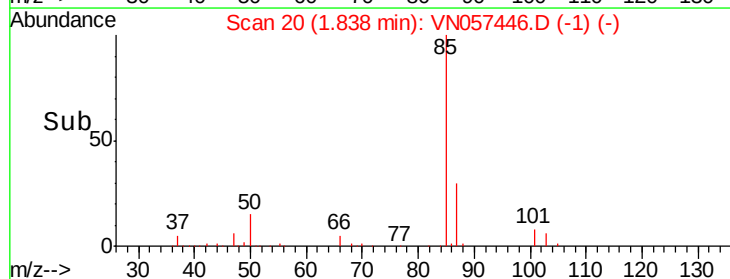
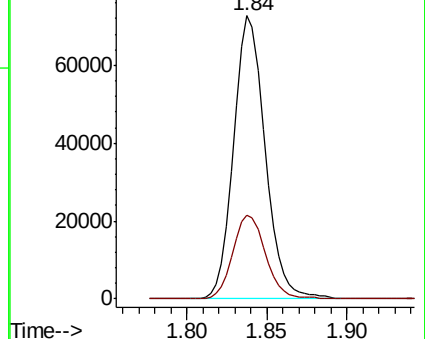
85 100

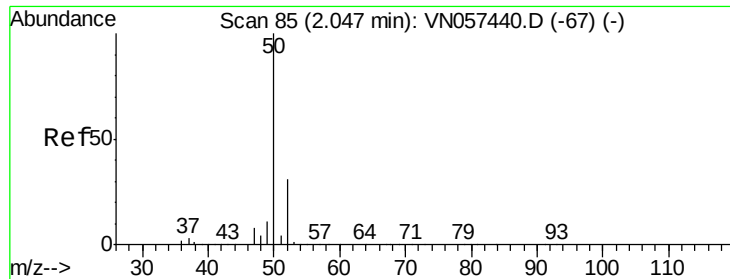
87 29.6 17.1 51.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 20.175 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

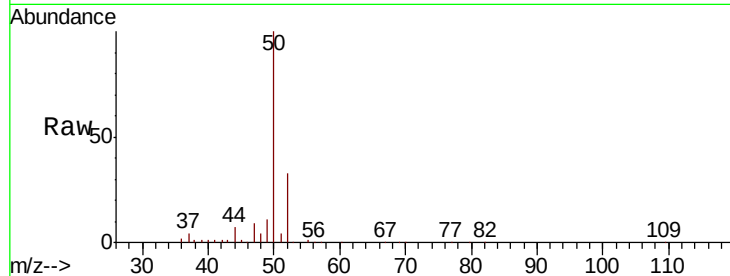
VN0822WBSD01

Tgt Ion: 50 Resp: 129778

Ion Ratio Lower Upper

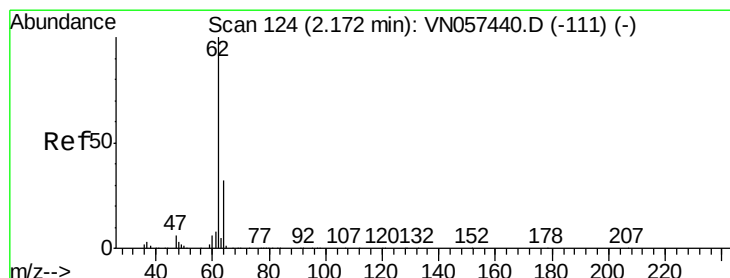
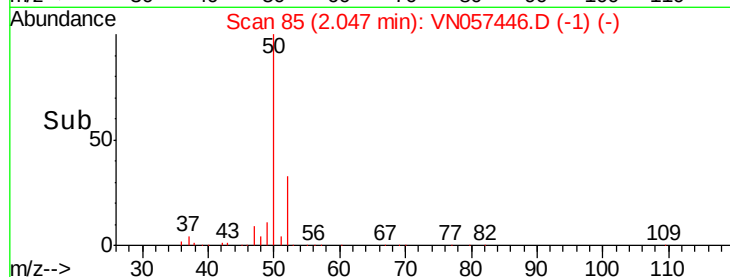
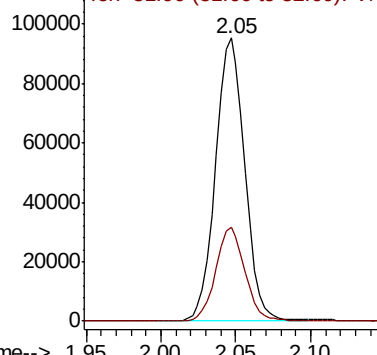
50 100

52 33.1 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.532 ug/l

RT: 2.17 min Scan# 124

Delta R.T. -0.00 min

Lab File: VN057446.D

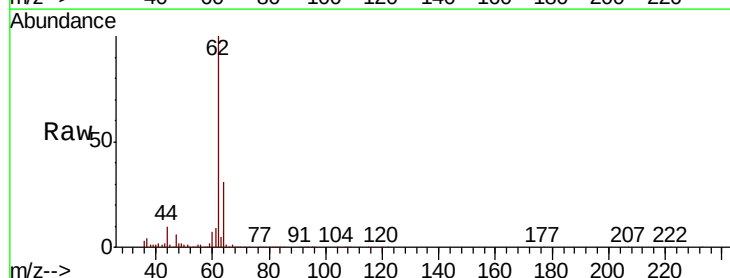
Acq: 22 Aug 2019 21:16

Tgt Ion: 62 Resp: 160751

Ion Ratio Lower Upper

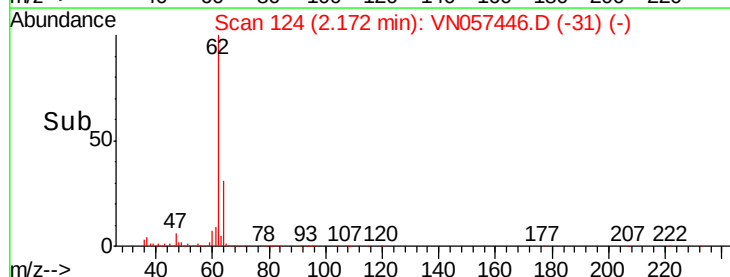
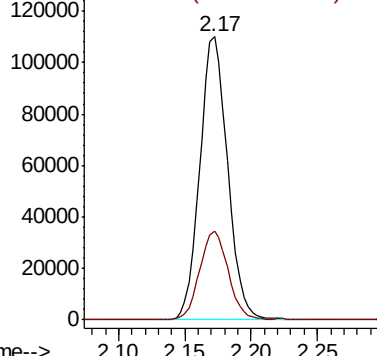
62 100

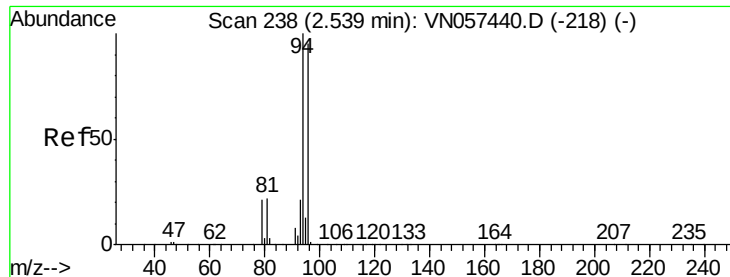
64 31.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 21.209 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

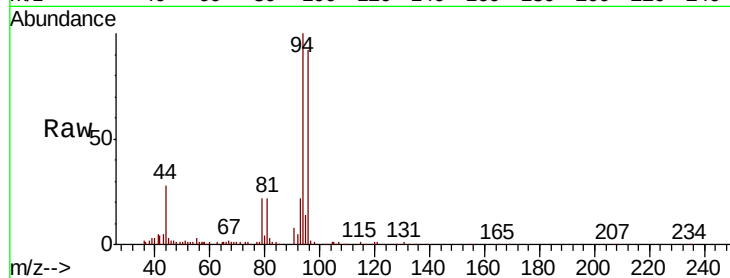
VN0822WBSD01

Tgt Ion: 94 Resp: 102336

Ion Ratio Lower Upper

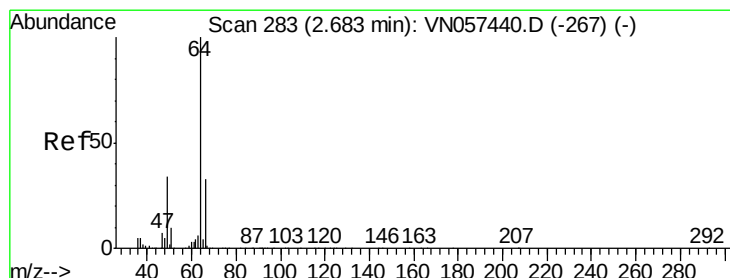
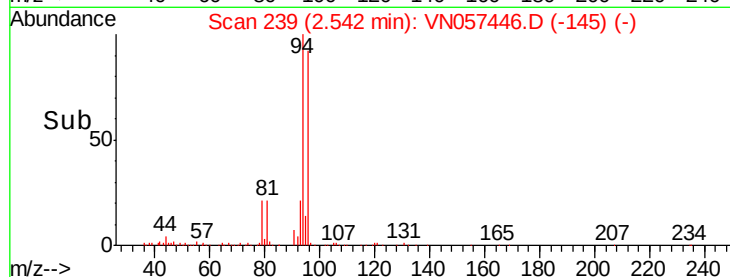
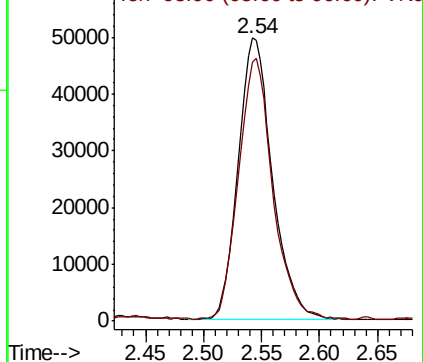
94 100

96 91.1 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.160 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN057446.D

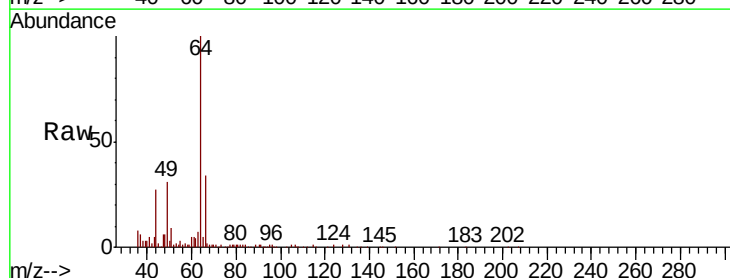
Acq: 22 Aug 2019 21:16

Tgt Ion: 64 Resp: 101531

Ion Ratio Lower Upper

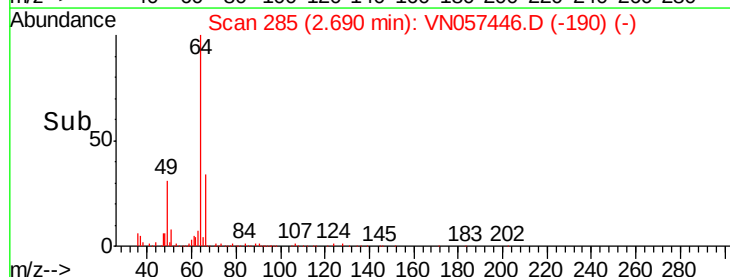
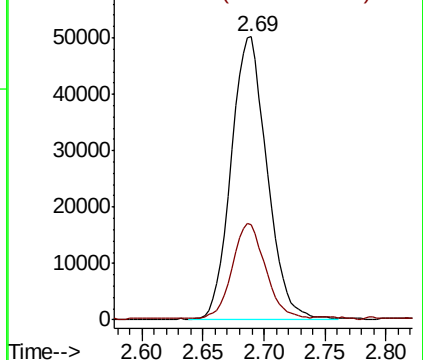
64 100

66 33.4 26.8 40.2

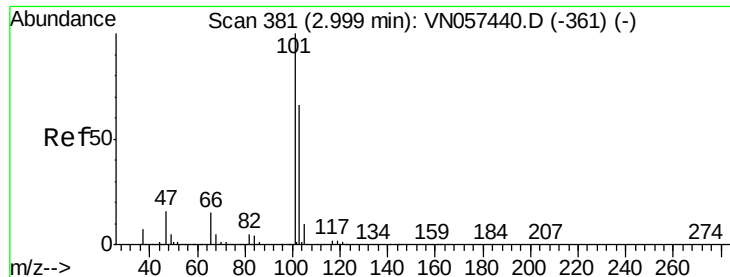


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





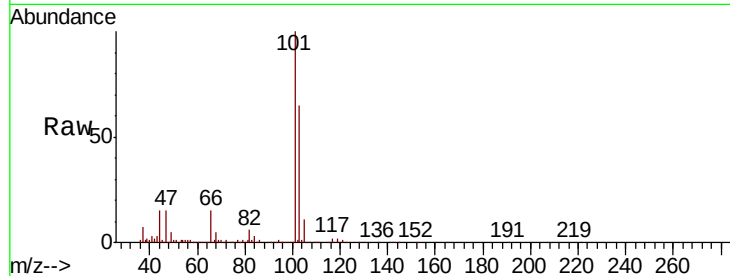


#7

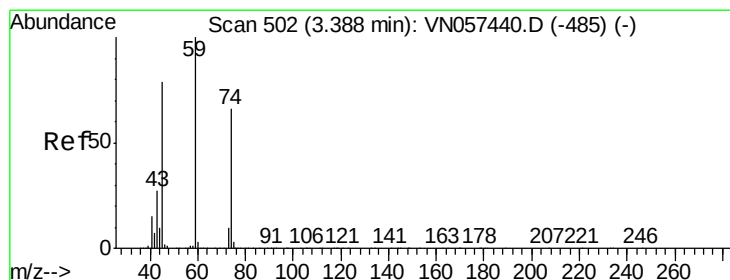
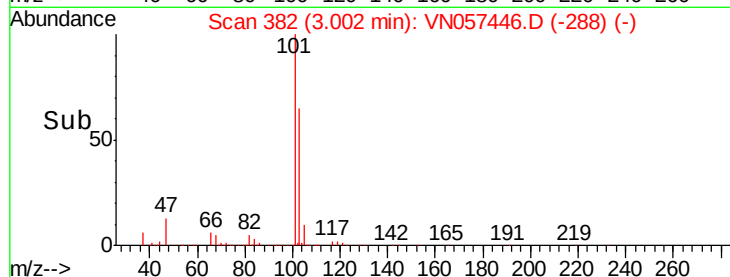
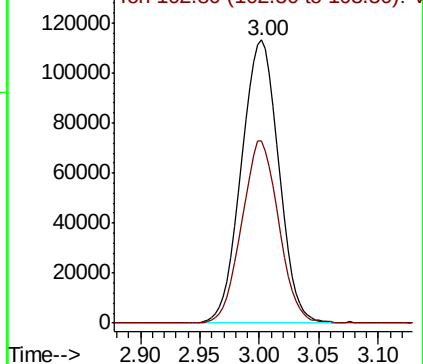
Trichlorofluoromethane  
 Concen: 20.277 ug/l  
 RT: 3.00 min Scan# 382  
 Delta R.T. 0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

Tgt Ion:101 Resp: 246428  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 52.6 78.8



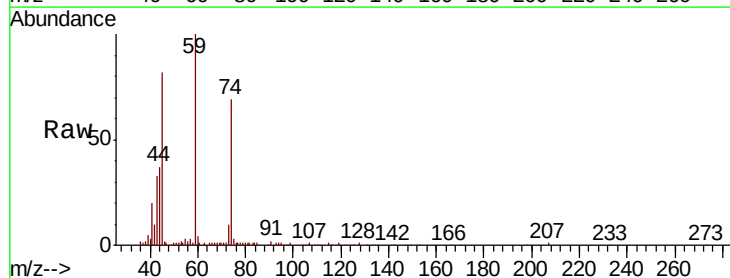
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



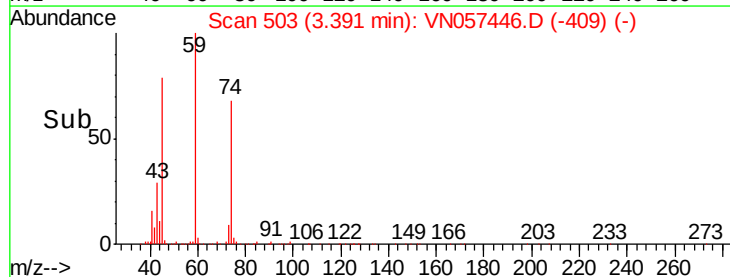
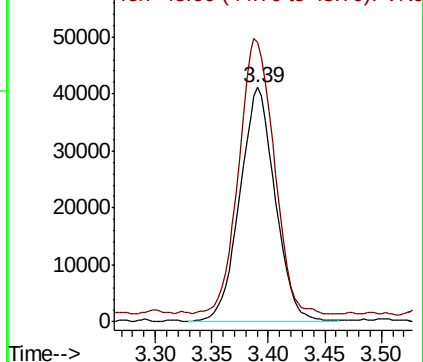
#8

Diethyl Ether  
 Concen: 21.087 ug/l  
 RT: 3.39 min Scan# 503  
 Delta R.T. 0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

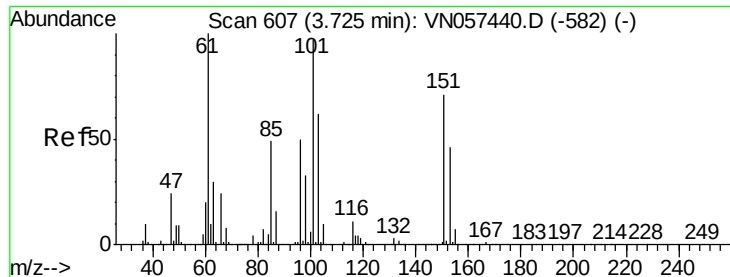
Tgt Ion: 74 Resp: 89647  
 Ion Ratio Lower Upper  
 74 100  
 45 115.9 57.9 173.6



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







#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.262 ug/l

RT: 3.73 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

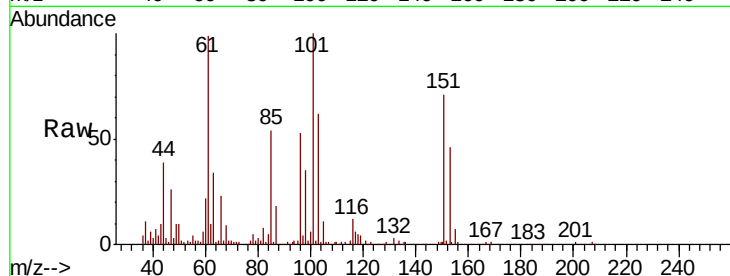
Tgt Ion:101 Resp: 132386

Ion Ratio Lower Upper

101 100

85 51.9 40.0 60.0

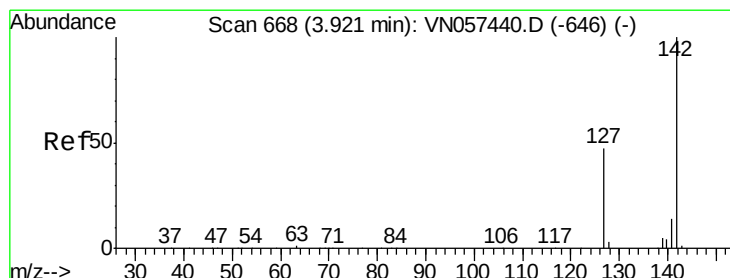
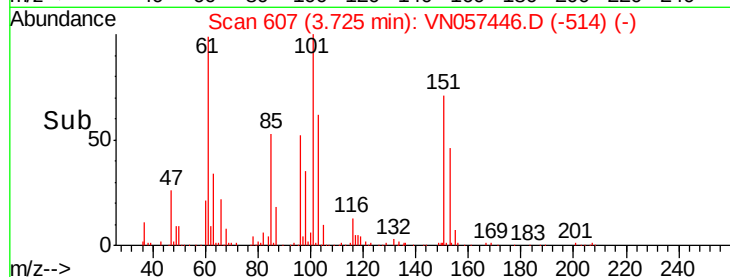
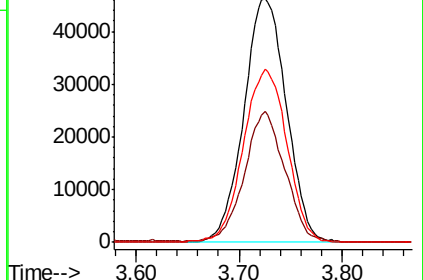
151 72.8 57.0 85.6



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: 20.030 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

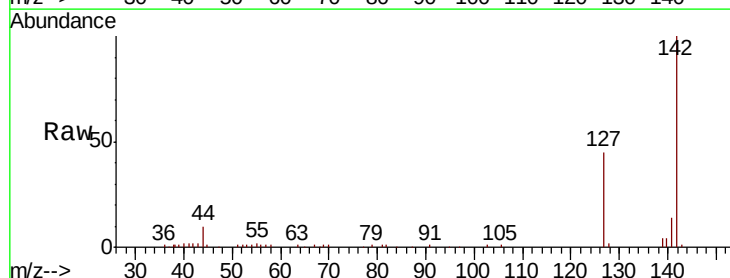
Tgt Ion:142 Resp: 99401

Ion Ratio Lower Upper

142 100

127 47.2 37.8 56.8

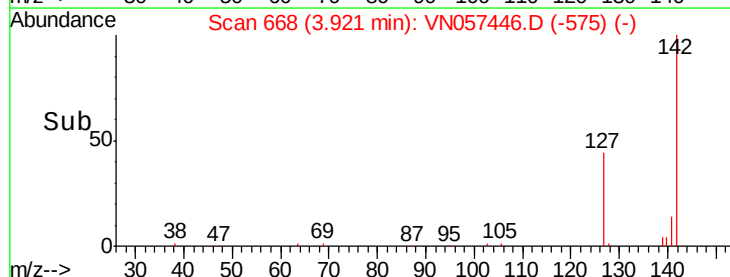
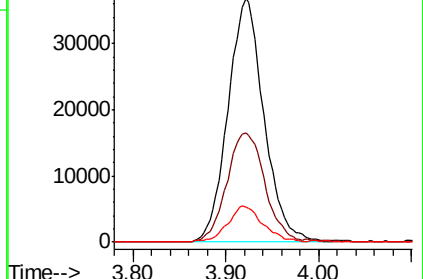
141 14.3 11.9 17.9

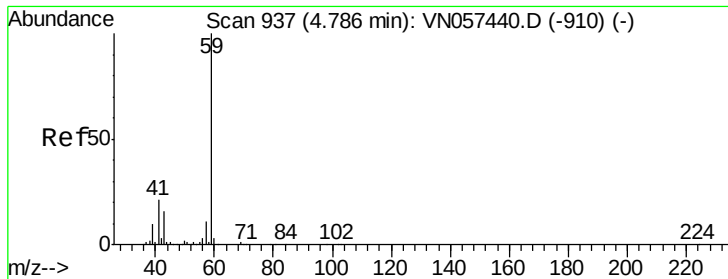


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



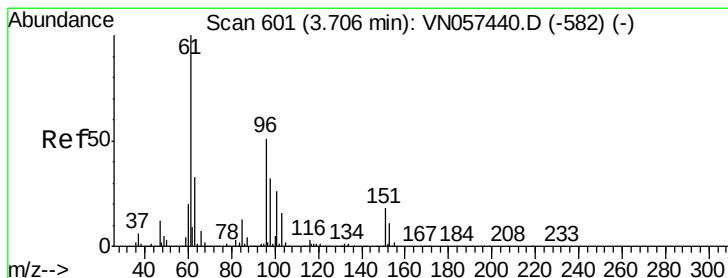
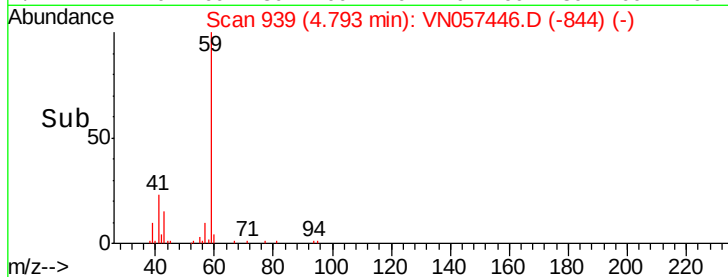
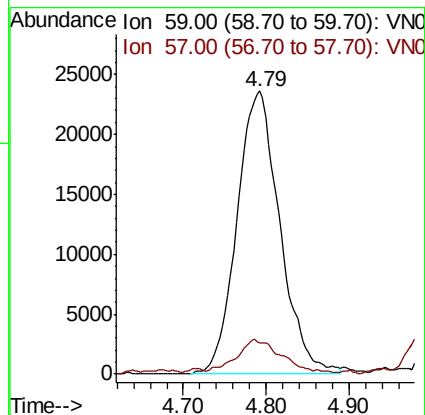
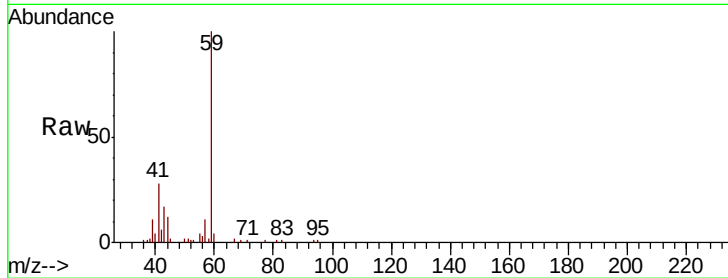


#11

Tert butyl alcohol  
 Concen: 101.617 ug/l  
 RT: 4.79 min Scan# 939  
 Delta R.T. 0.01 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0822WBSD01

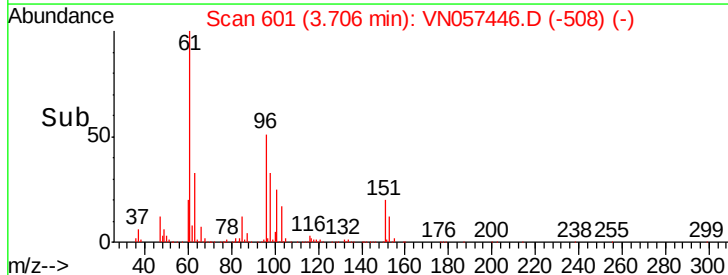
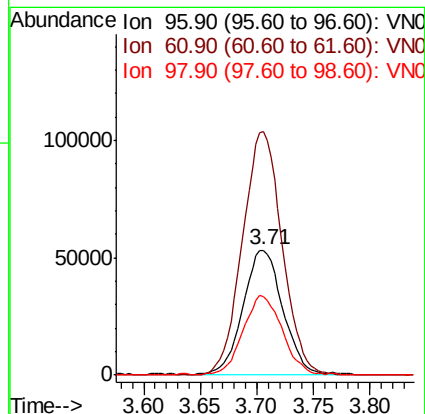
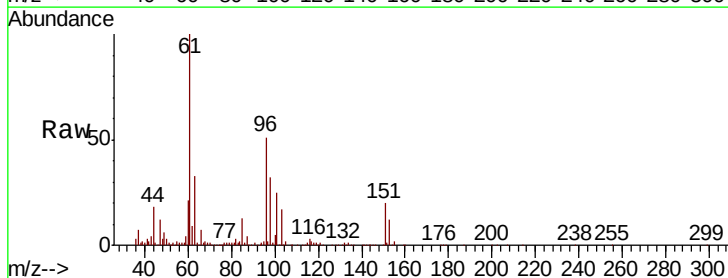
Tgt Ion: 59 Resp: 84766  
 Ion Ratio Lower Upper  
 59 100  
 57 10.5 9.1 13.7

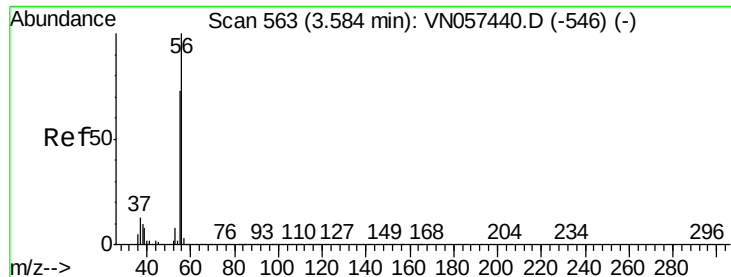


#12

1,1-Dichloroethene  
 Concen: 19.834 ug/l  
 RT: 3.71 min Scan# 601  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Tgt Ion: 96 Resp: 128850  
 Ion Ratio Lower Upper  
 96 100  
 61 195.7 155.3 232.9  
 98 63.0 50.2 75.2





#13

Acrolein

Concen: 100.062 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

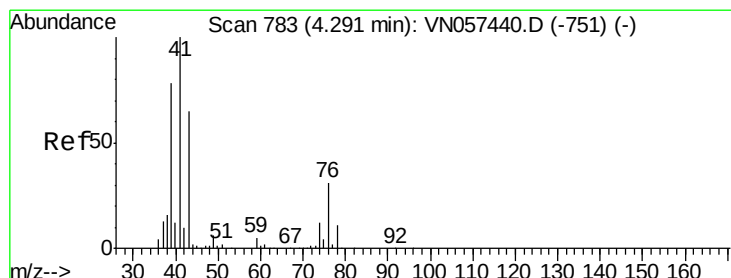
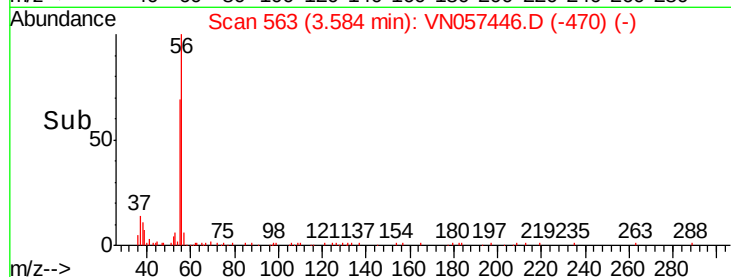
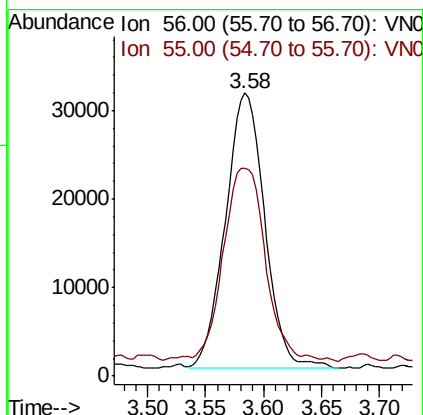
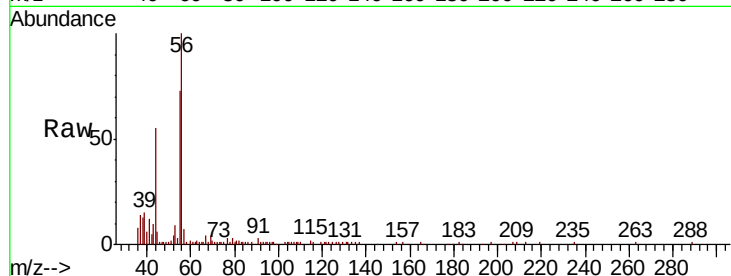
VN0822WBSD01

Tgt Ion: 56 Resp: 73396

Ion Ratio Lower Upper

56 100

55 70.6 59.0 88.4



#14

Allyl chloride

Concen: 19.733 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

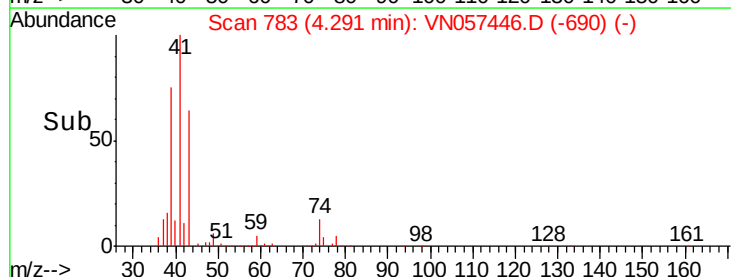
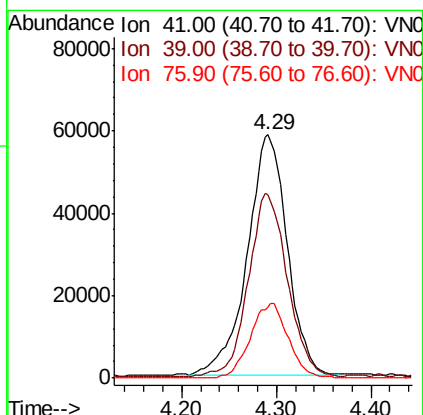
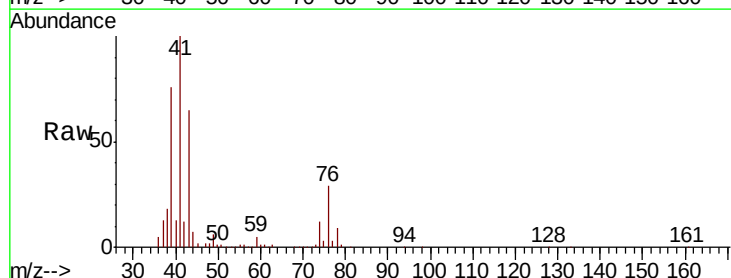
Tgt Ion: 41 Resp: 169590

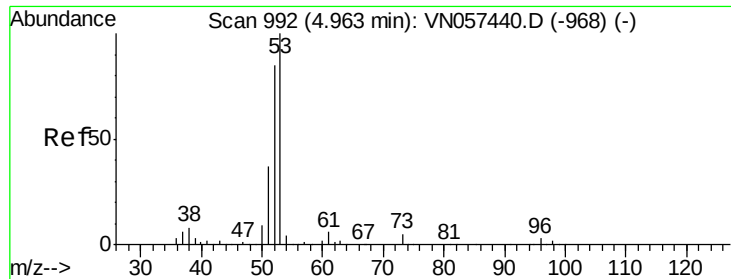
Ion Ratio Lower Upper

41 100

39 74.3 57.4 86.2

76 29.6 22.9 34.3





#15

Acrylonitrile

Concen: 102.543 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

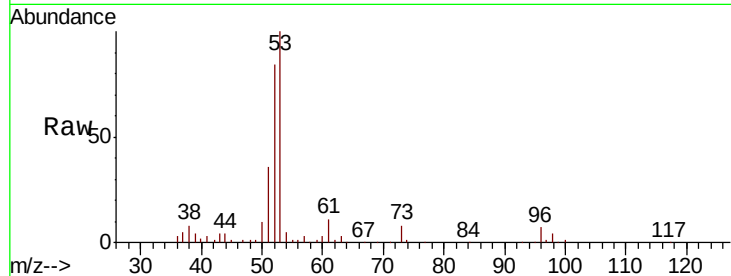
Tgt Ion: 53 Resp: 230681

Ion Ratio Lower Upper

53 100

52 82.4 67.0 100.6

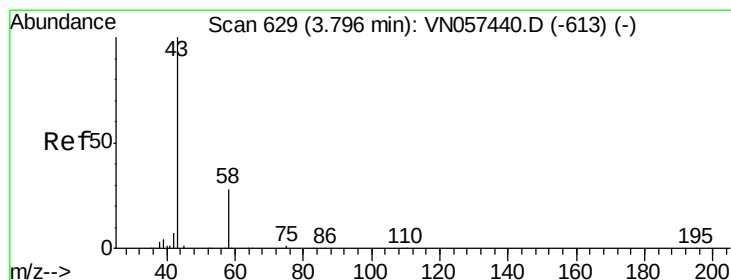
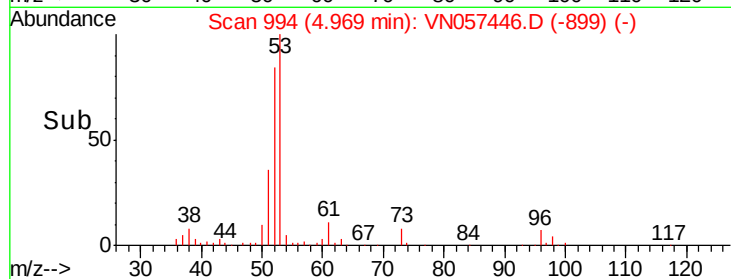
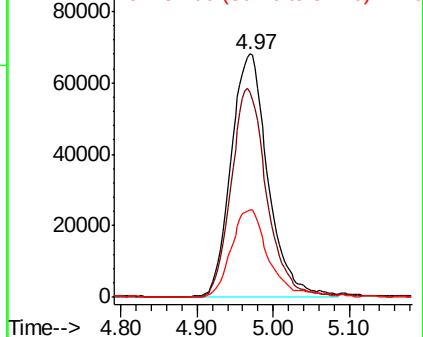
51 36.1 29.9 44.9



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: 70.268 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057446.D

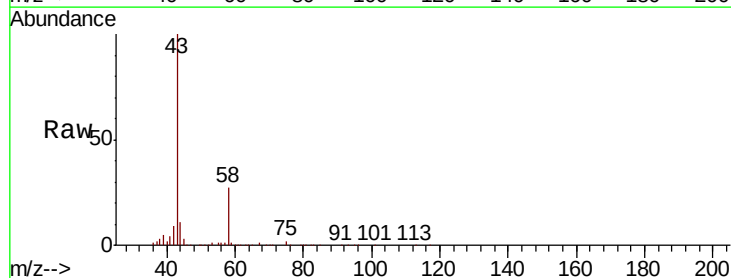
Acq: 22 Aug 2019 21:16

Tgt Ion: 43 Resp: 216654

Ion Ratio Lower Upper

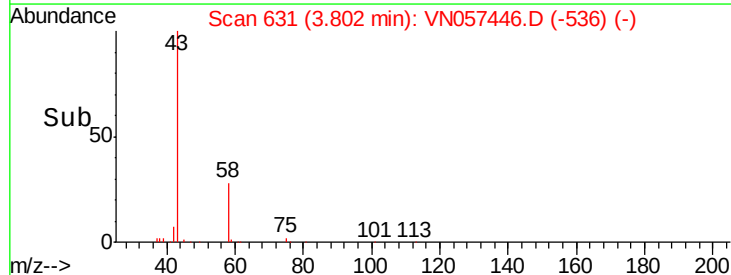
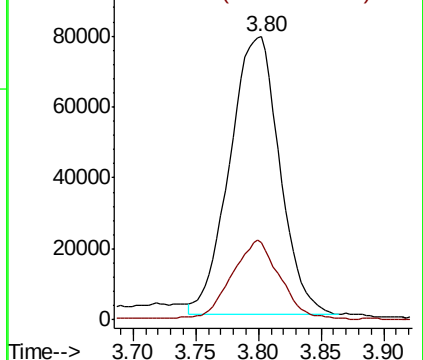
43 100

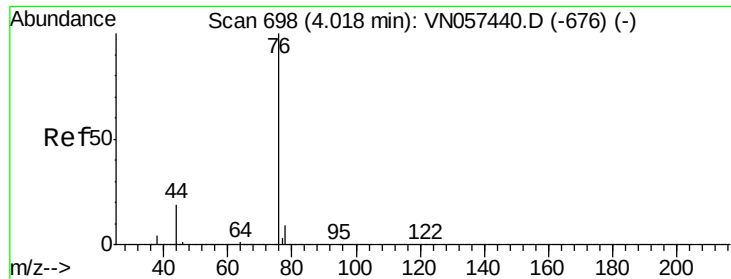
58 27.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

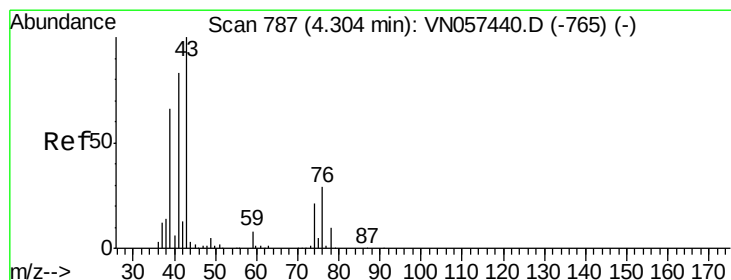
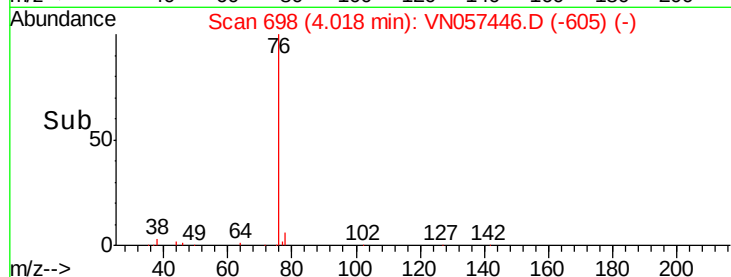
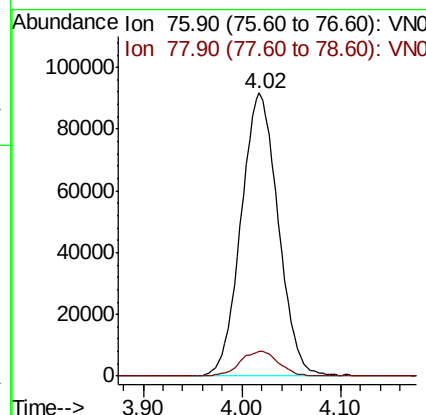
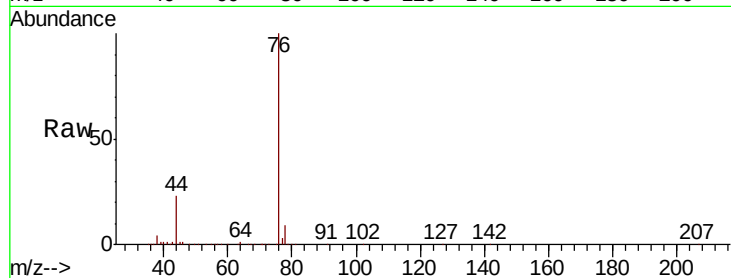




#17  
Carbon Disulfide  
Concen: 19.265 ug/l  
RT: 4.02 min Scan# 698  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

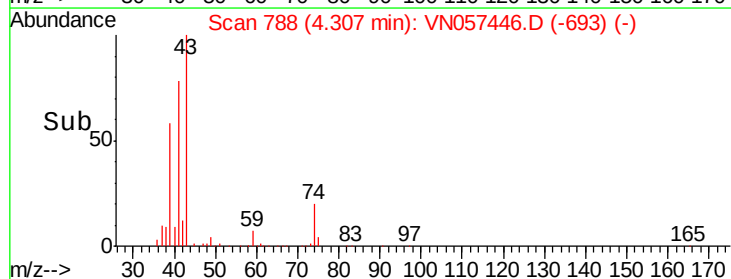
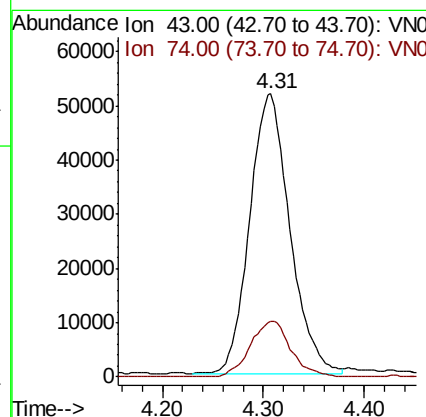
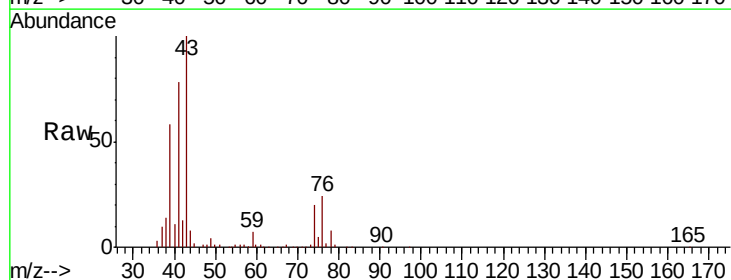
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0822WBSD01

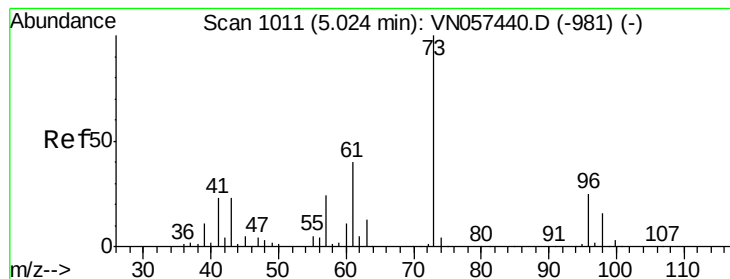
Tgt Ion: 76 Resp: 238732  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.1 10.7



#18  
Methyl Acetate  
Concen: 20.770 ug/l  
RT: 4.31 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Tgt Ion: 43 Resp: 141907  
Ion Ratio Lower Upper  
43 100  
74 20.2 15.9 23.9



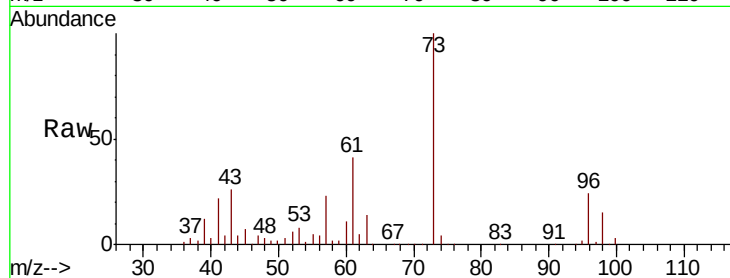


#19

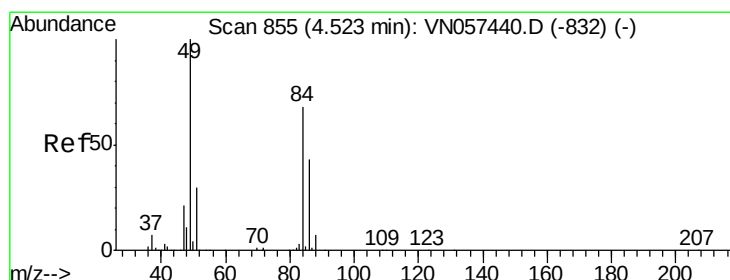
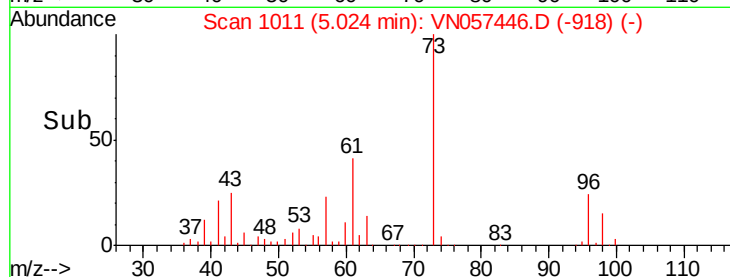
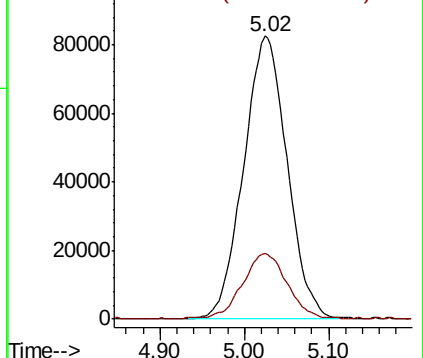
Methyl tert-butyl Ether  
 Concen: 18.849 ug/l  
 RT: 5.02 min Scan# 1011  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

Tgt Ion: 73 Resp: 295577  
 Ion Ratio Lower Upper  
 73 100  
 57 22.7 19.1 28.7



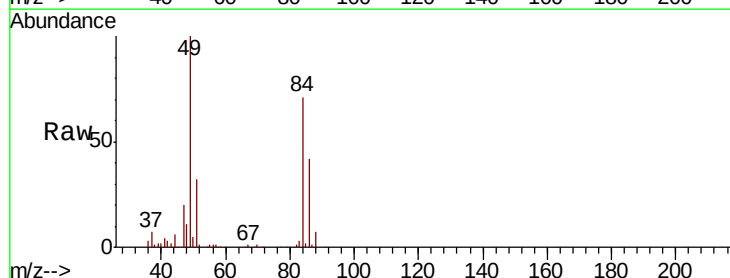
Abundance Ion 73.00 (72.70 to 73.70): VN0  
 Ion 57.00 (56.70 to 57.70): VN0



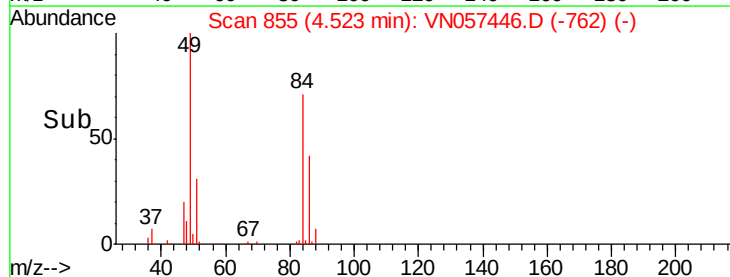
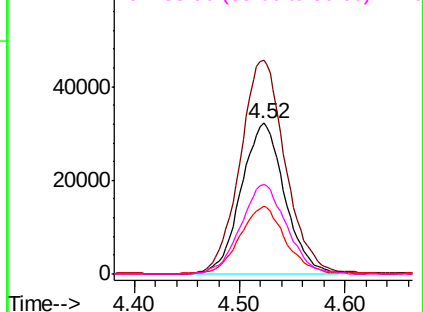
#20

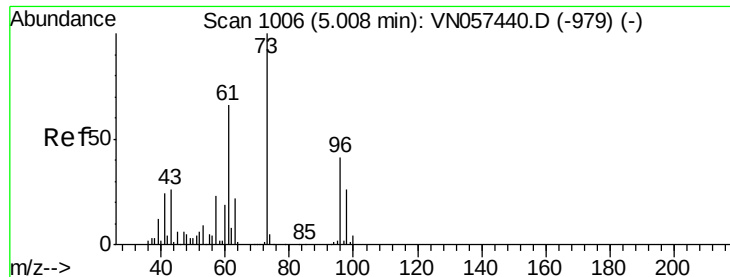
Methylene Chloride  
 Concen: 20.216 ug/l  
 RT: 4.52 min Scan# 855  
 Delta R.T. 0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Tgt Ion: 84 Resp: 92620  
 Ion Ratio Lower Upper  
 84 100  
 49 141.5 117.0 175.4  
 51 44.2 35.5 53.3  
 86 59.6 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN0  
 Ion 48.90 (48.60 to 49.60): VN0  
 Ion 50.90 (50.60 to 51.60): VN0  
 Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 18.625 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

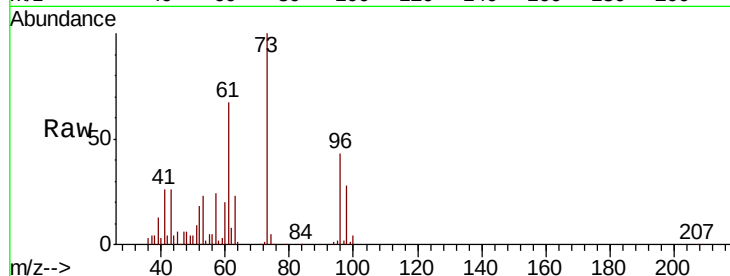
Tgt Ion: 96 Resp: 85382

Ion Ratio Lower Upper

96 100

61 157.0 127.9 191.9

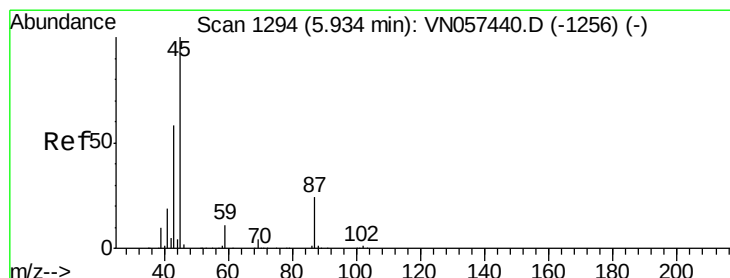
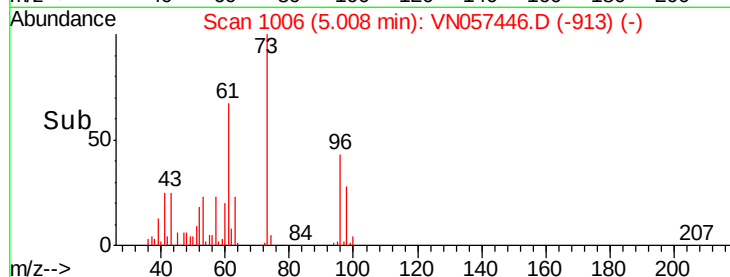
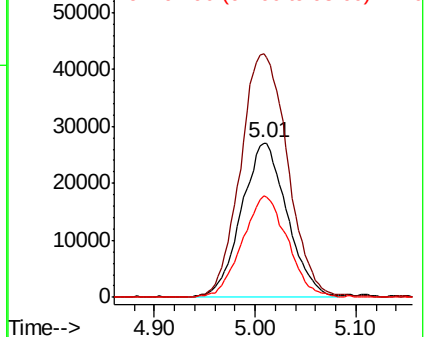
98 65.7 50.6 76.0



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: 19.823 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Tgt Ion: 45 Resp: 365374

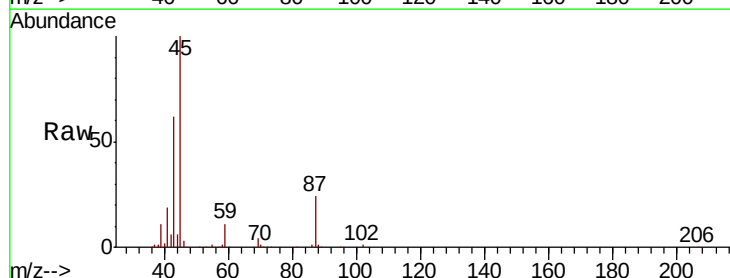
Ion Ratio Lower Upper

45 100

43 60.5 46.9 70.3

87 23.7 19.3 28.9

59 10.5 8.7 13.1

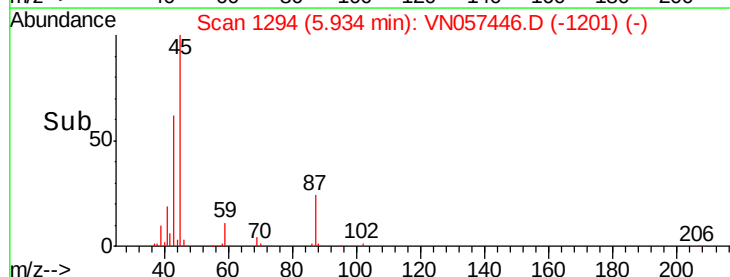
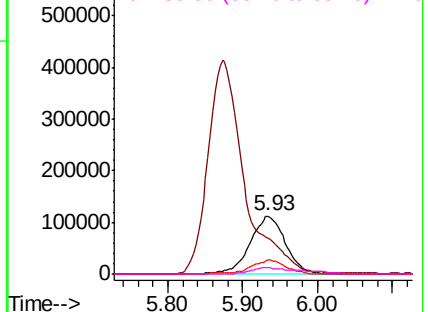


Abundance Ion 45.00 (44.70 to 45.70): VN0

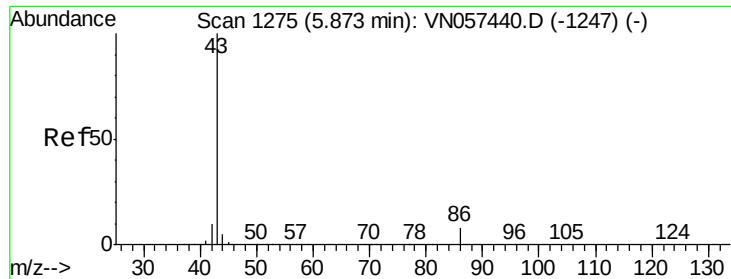
Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0







#23

Vinyl Acetate

Concen: 97.107 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

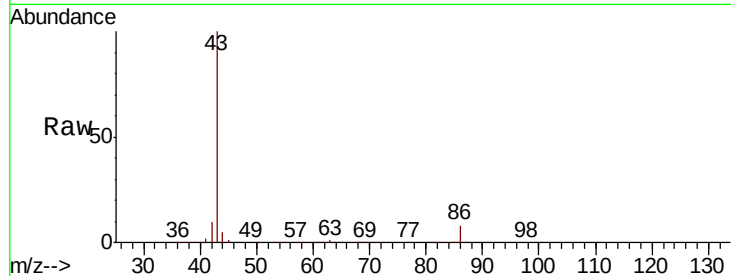
VN0822WBSD01

Tgt Ion: 43 Resp: 1397975

Ion Ratio Lower Upper

43 100

86 8.3 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.87

400000

300000

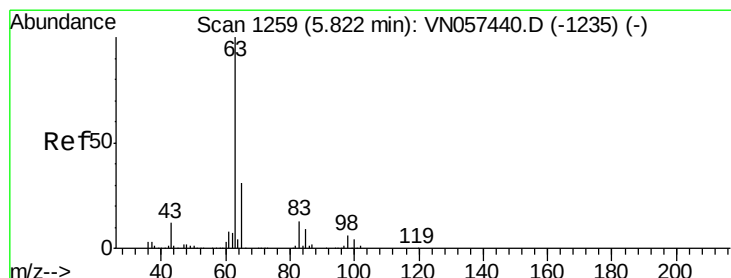
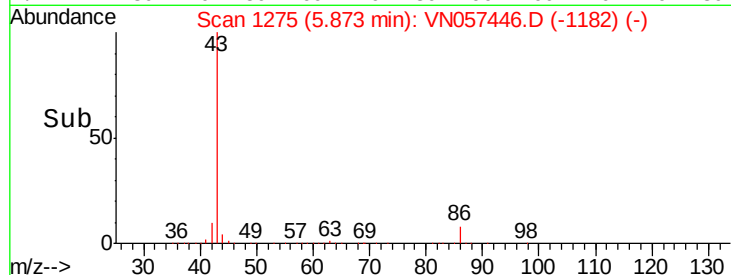
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.363 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

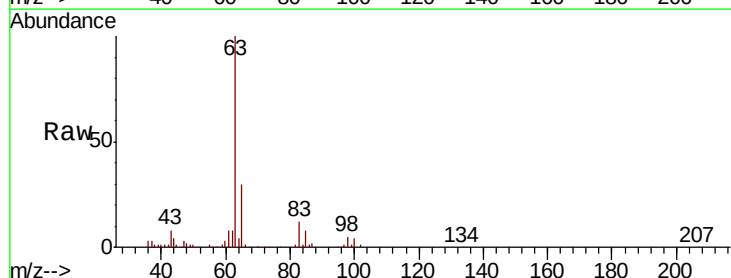
Tgt Ion: 63 Resp: 189145

Ion Ratio Lower Upper

63 100

98 5.1 2.9 8.6

100 3.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

80000

60000

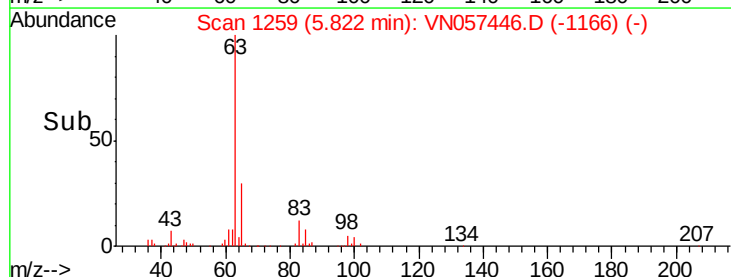
40000

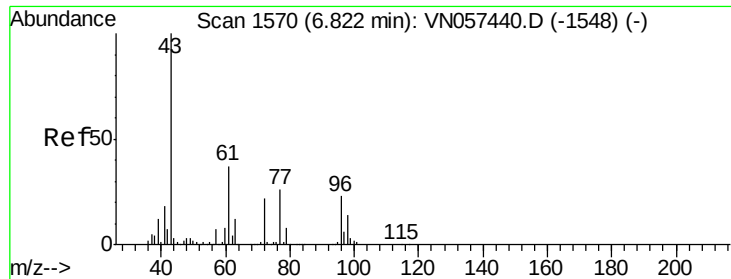
20000

0

5.70 5.80 5.90

Time-->

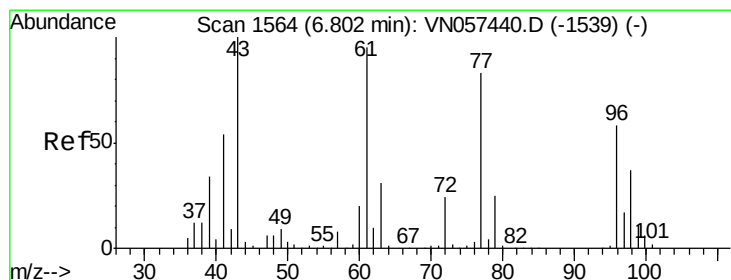
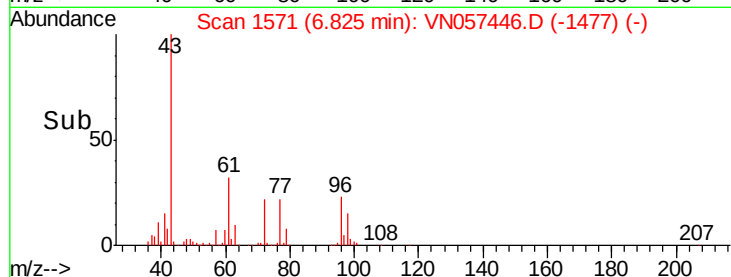
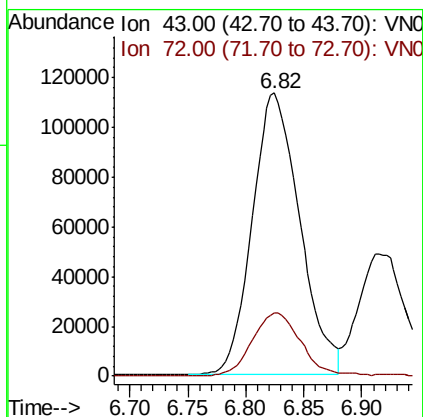
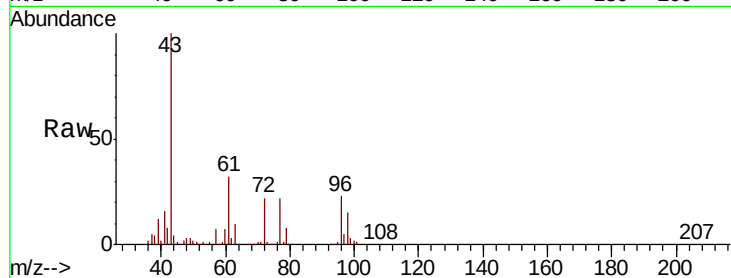




#25  
2-Butanone  
Concen: 96.569 ug/l  
RT: 6.82 min Scan# 1571  
Delta R.T. 0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

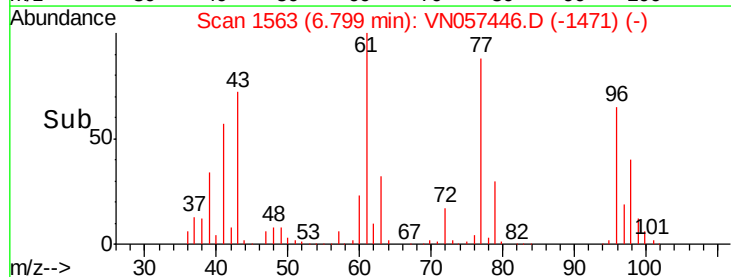
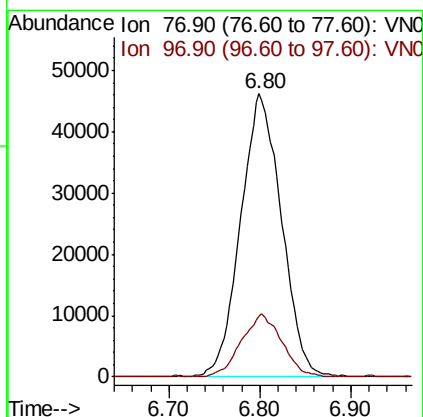
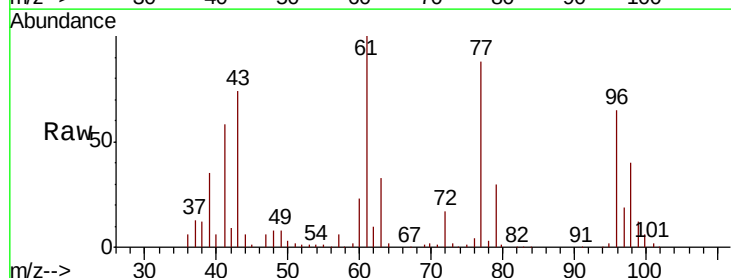
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0822WBSD01

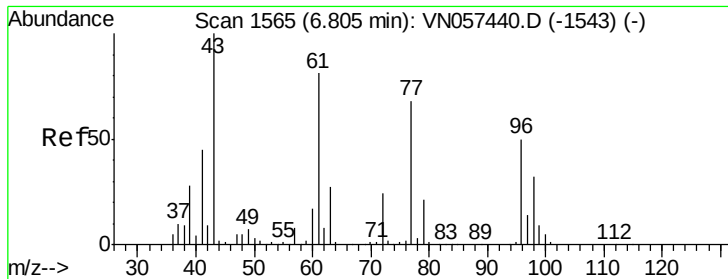
Tgt Ion: 43 Resp: 323315  
Ion Ratio Lower Upper  
43 100  
72 22.4 17.8 26.8



#26  
2,2-Dichloropropane  
Concen: 17.012 ug/l  
RT: 6.80 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Tgt Ion: 77 Resp: 143901  
Ion Ratio Lower Upper  
77 100  
97 22.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.698 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

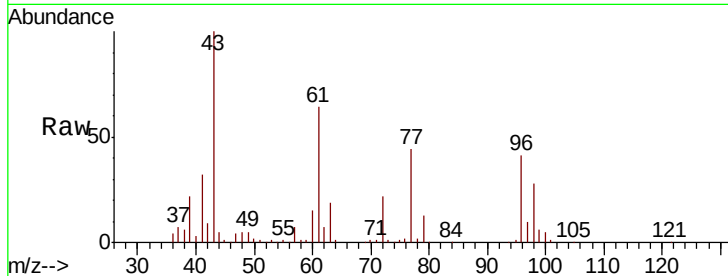
Tgt Ion: 96 Resp: 107040

Ion Ratio Lower Upper

96 100

61 158.3 0.0 334.8

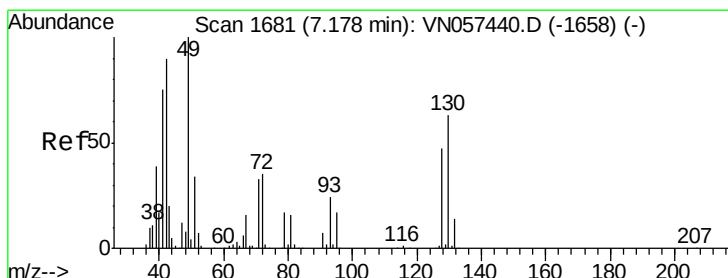
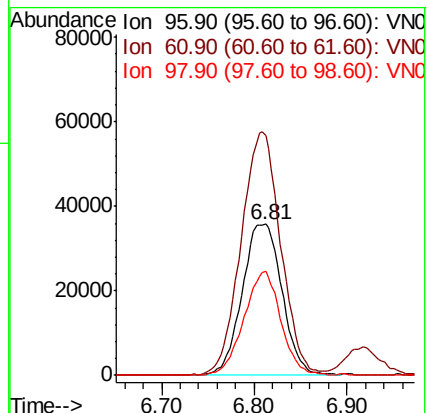
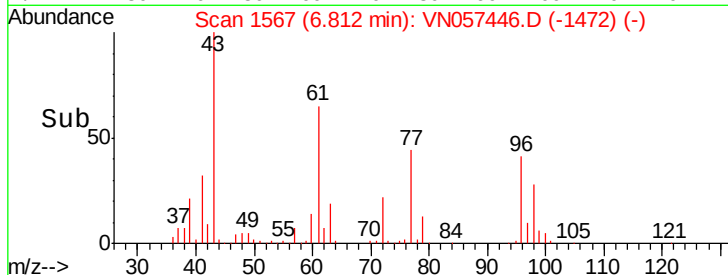
98 63.6 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.719 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

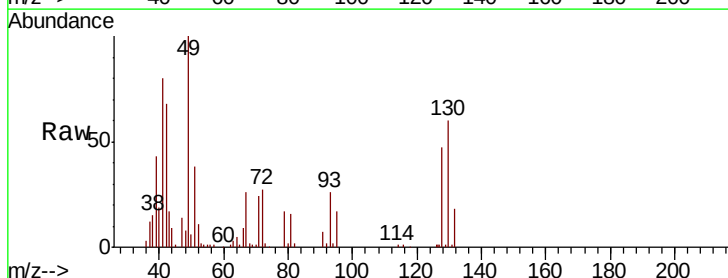
Tgt Ion: 49 Resp: 108991

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.6

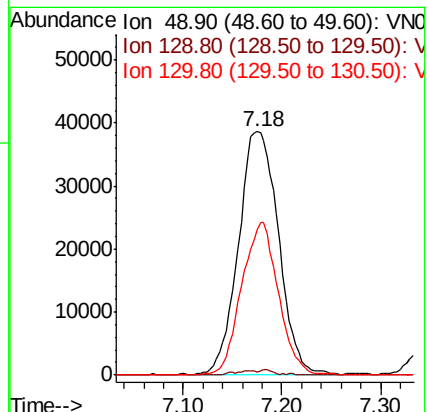
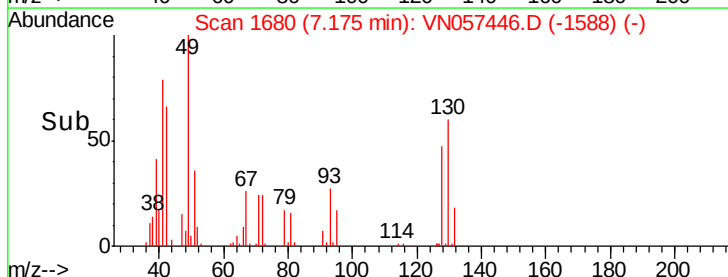
130 0.0 48.6 72.8#

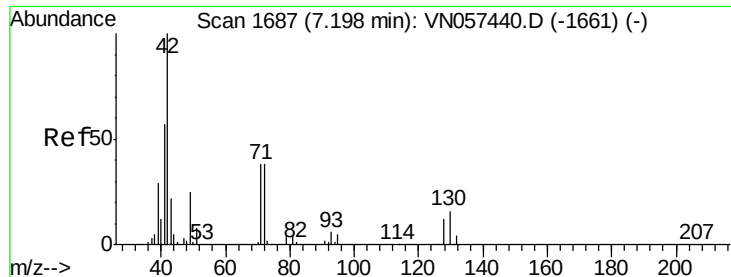


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.773 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

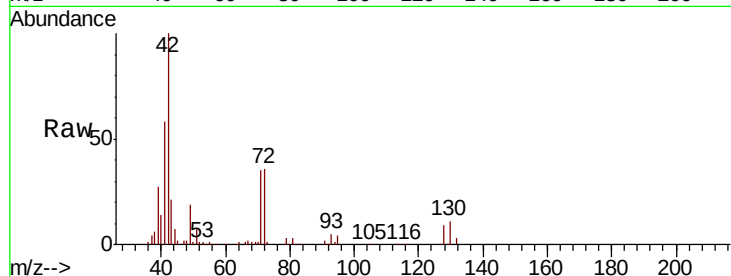
Tgt Ion: 42 Resp: 224680

Ion Ratio Lower Upper

42 100

72 37.3 30.1 45.1

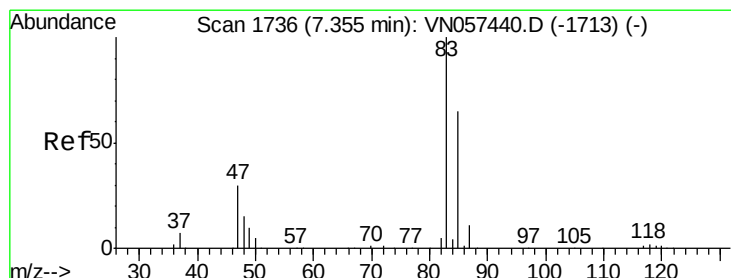
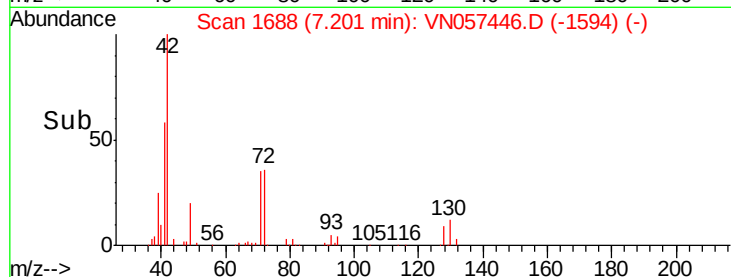
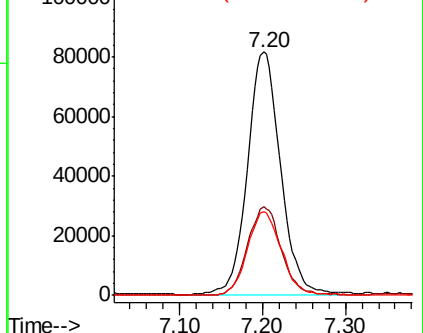
71 35.3 28.8 43.2



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 20.424 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057446.D

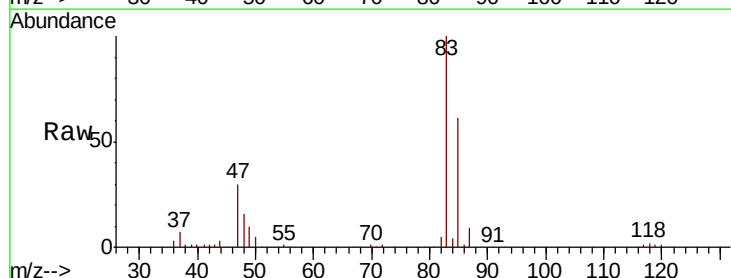
Acq: 22 Aug 2019 21:16

Tgt Ion: 83 Resp: 184708

Ion Ratio Lower Upper

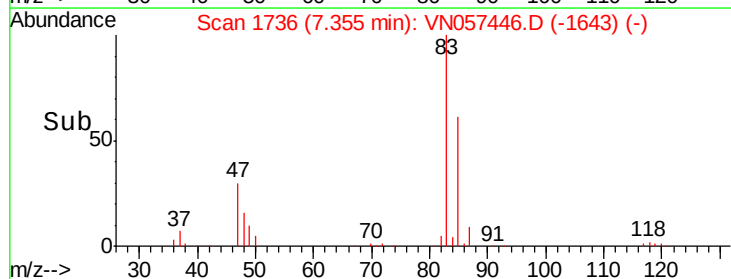
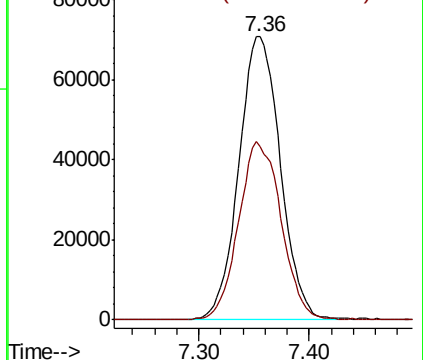
83 100

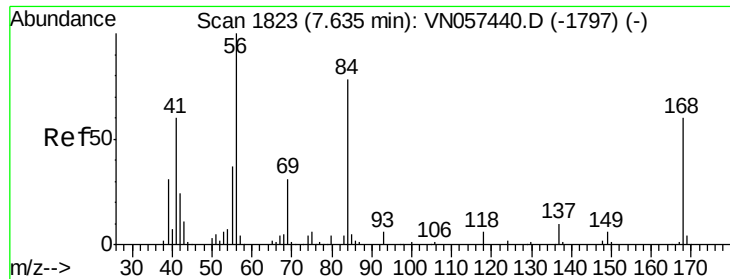
85 61.2 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

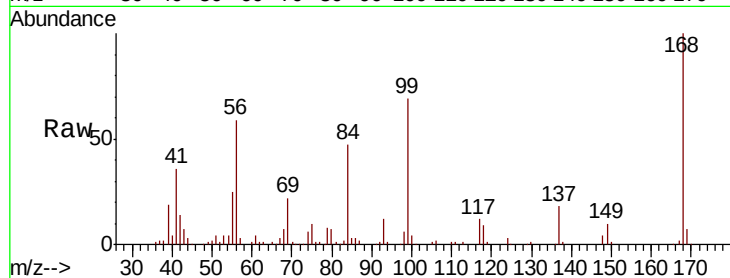




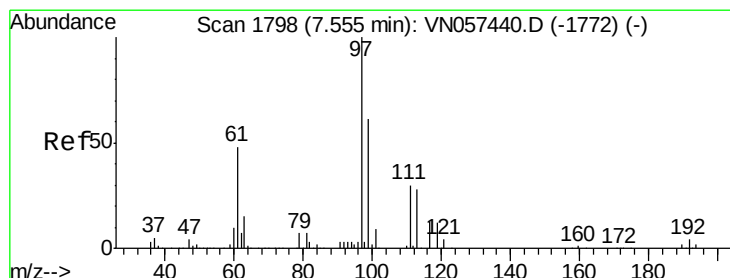
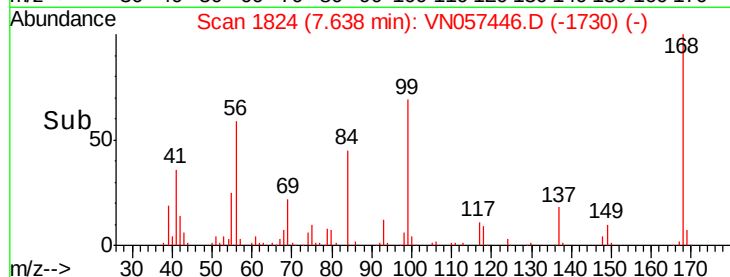
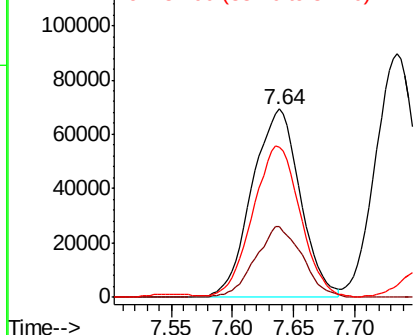
#31  
Cyclohexane  
Concen: 20.010 ug/l  
RT: 7.64 min Scan# 1824  
Delta R.T. 0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0822WBSD01

Tgt Ion: 56 Resp: 188719  
Ion Ratio Lower Upper  
56 100  
69 37.7 25.0 37.6#  
84 78.5 62.5 93.7

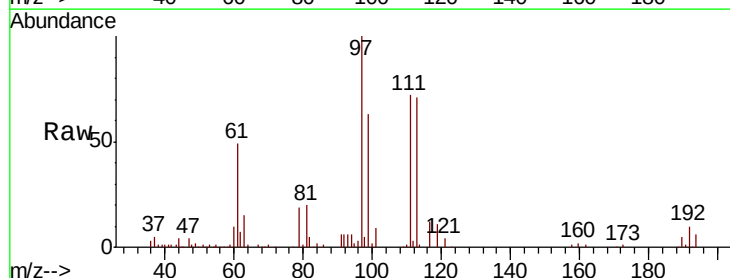


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

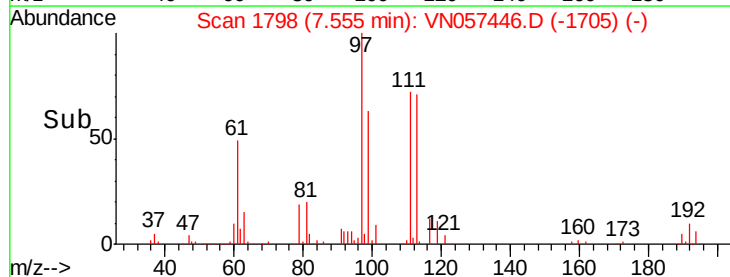
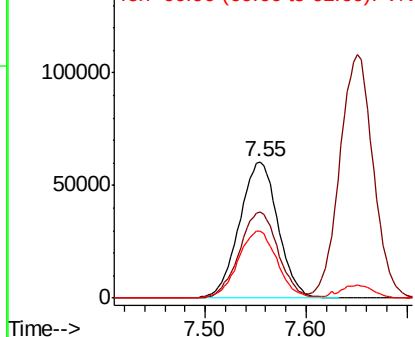


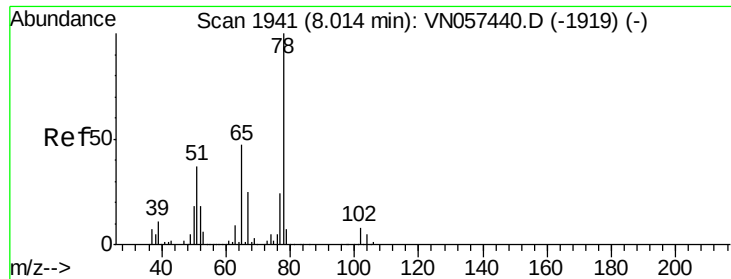
#32  
1,1,1-Trichloroethane  
Concen: 19.176 ug/l  
RT: 7.55 min Scan# 1798  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Tgt Ion: 97 Resp: 160683  
Ion Ratio Lower Upper  
97 100  
99 63.3 51.0 76.6  
61 49.5 39.8 59.6



Abundance Ion 96.90 (96.60 to 97.60): VN0  
Ion 98.90 (98.60 to 99.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0

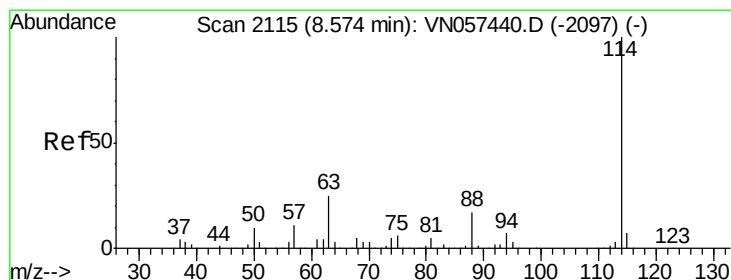
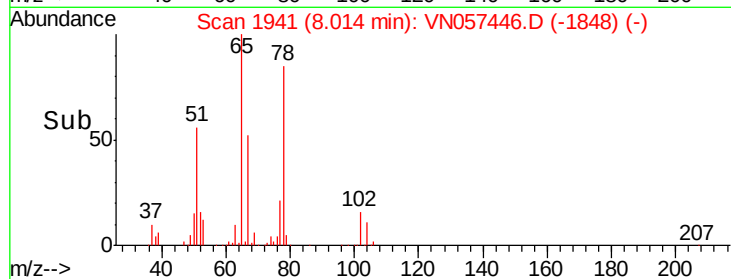
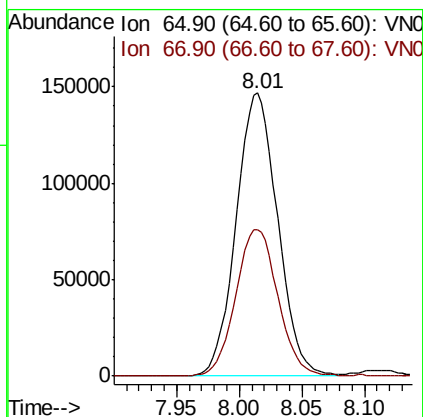
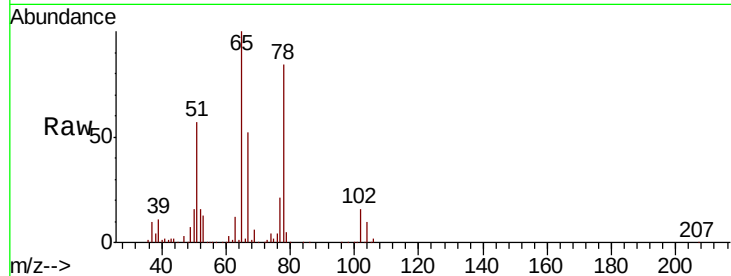




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.353 ug/l  
 RT: 8.01 min Scan# 1941  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

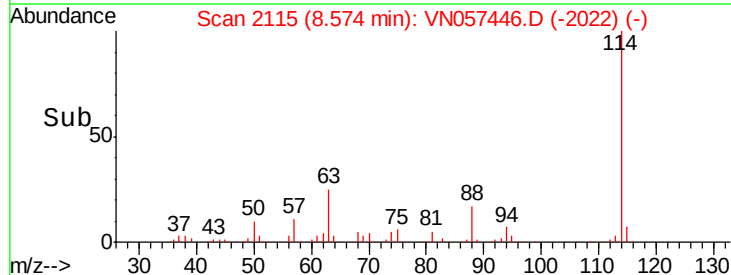
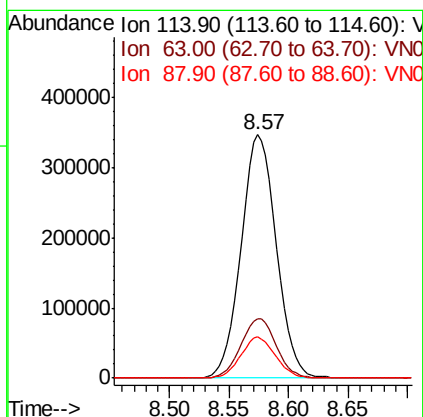
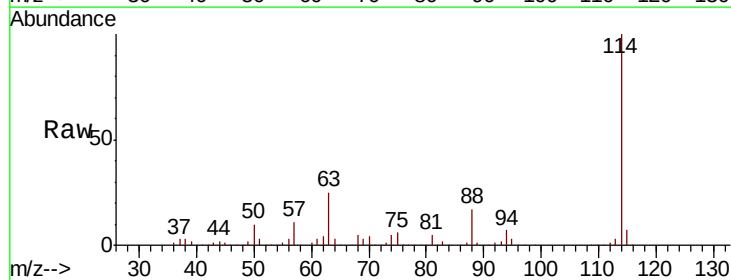
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

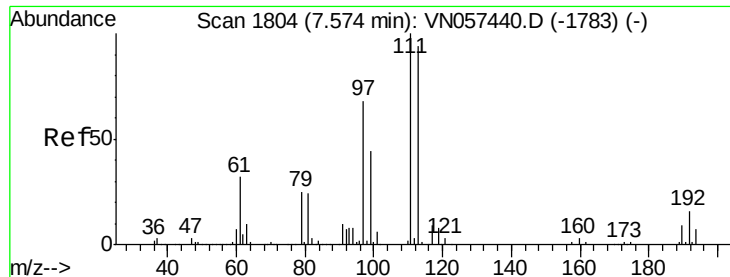
Tgt Ion: 65 Resp: 338064  
 Ion Ratio Lower Upper  
 65 100  
 67 52.8 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2115  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Tgt Ion: 114 Resp: 711140  
 Ion Ratio Lower Upper  
 114 100  
 63 24.6 0.0 50.2  
 88 16.7 0.0 34.6

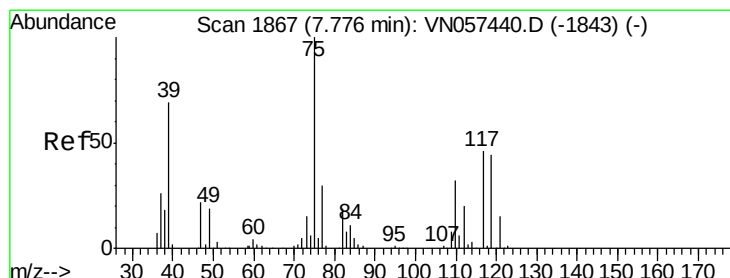
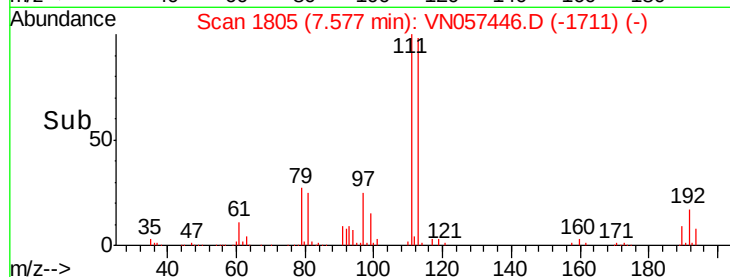
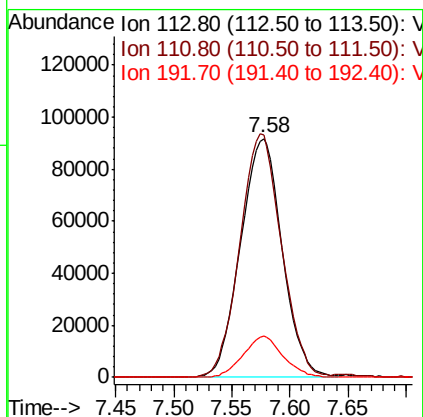
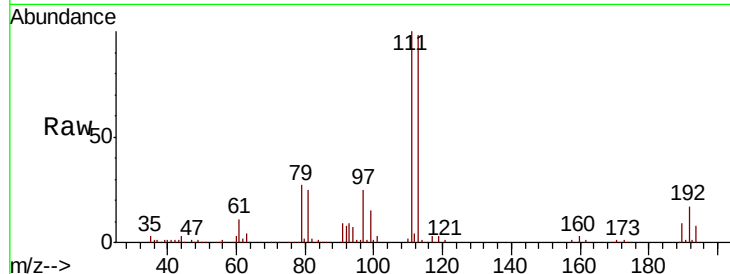




#35  
 Dibromofluoromethane  
 Concen: 47.726 ug/l  
 RT: 7.58 min Scan# 1805  
 Delta R.T. 0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

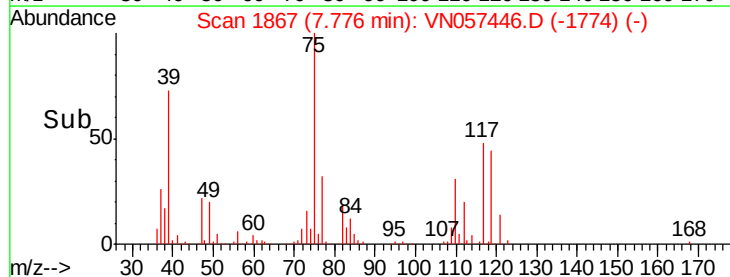
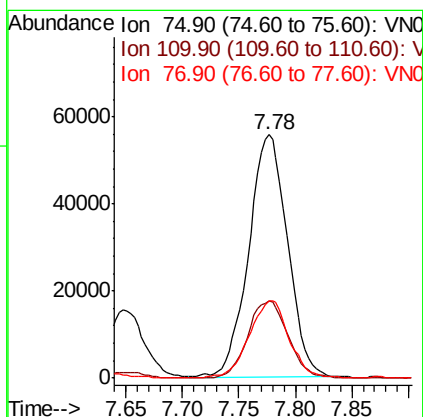
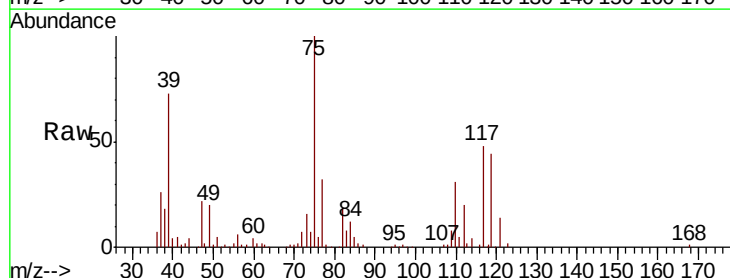
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

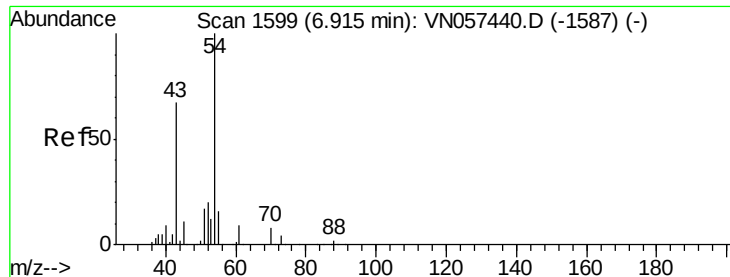
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.7 | 83.8  | 125.6 |
| 192     | 16.5  | 13.5  | 20.3  |



#36  
 1,1-Dichloropropene  
 Concen: 18.328 ug/l  
 RT: 7.78 min Scan# 1867  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.0  | 16.1  | 48.3  |
| 77      | 32.8  | 24.8  | 37.2  |

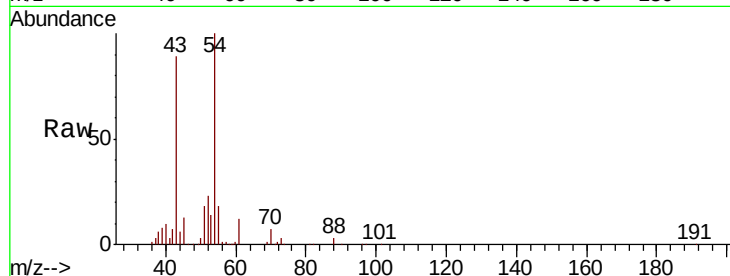




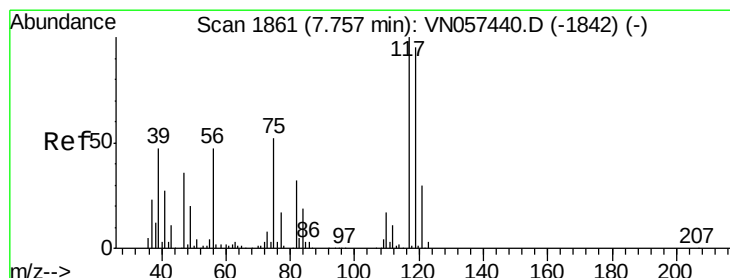
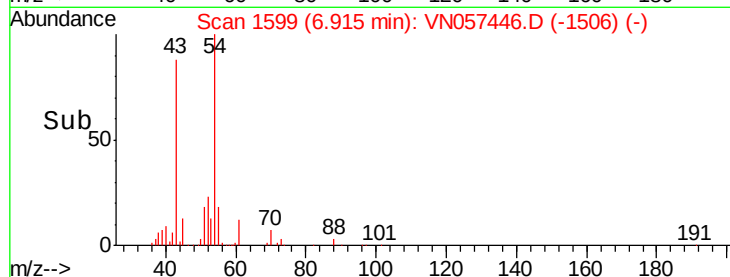
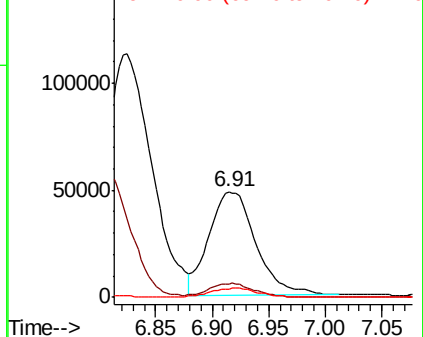
#37  
Ethyl Acetate  
Concen: 19.254 ug/l  
RT: 6.91 min Scan# 1599  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0822WBSD01

Tgt Ion: 43 Resp: 138249  
Ion Ratio Lower Upper  
43 100  
61 13.4 9.9 14.9  
70 9.2 7.0 10.6

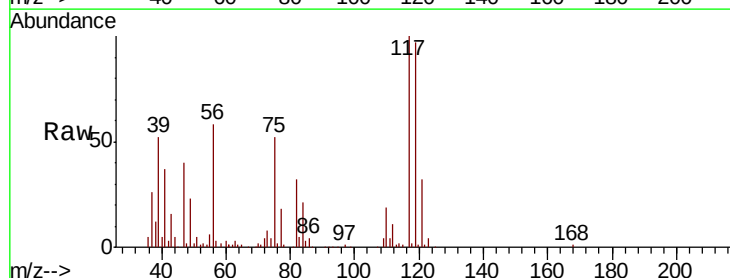


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

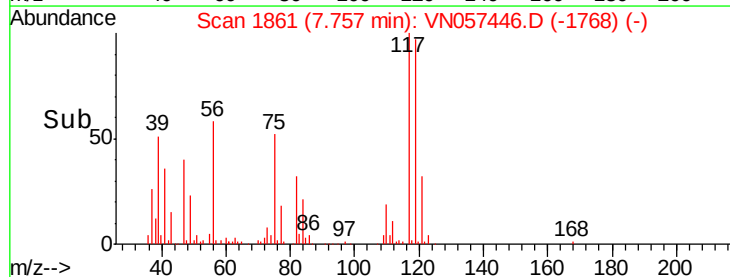
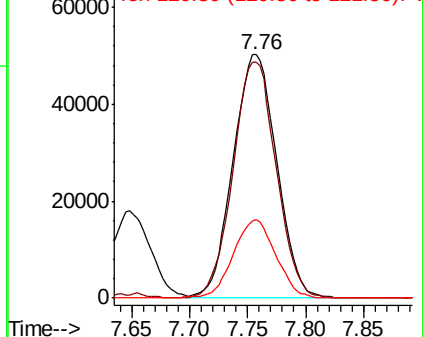


#38  
Carbon Tetrachloride  
Concen: 18.213 ug/l  
RT: 7.76 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

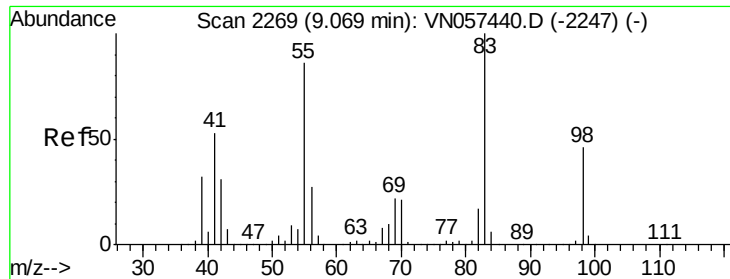
Tgt Ion: 117 Resp: 131479  
Ion Ratio Lower Upper  
117 100  
119 96.8 76.2 114.4  
121 32.4 23.8 35.6



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



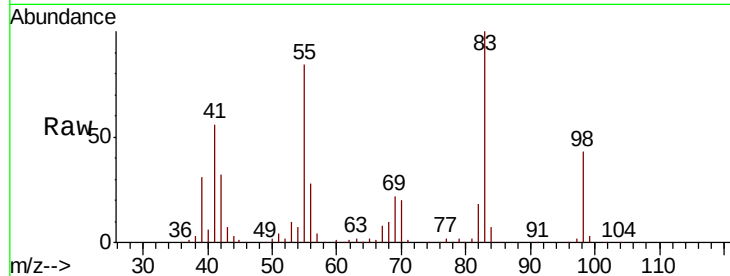




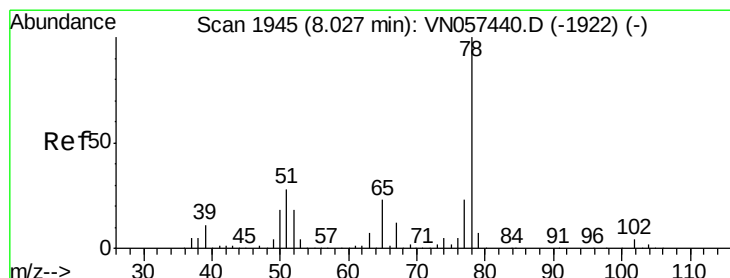
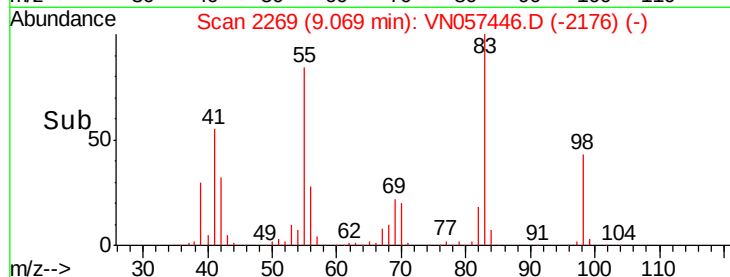
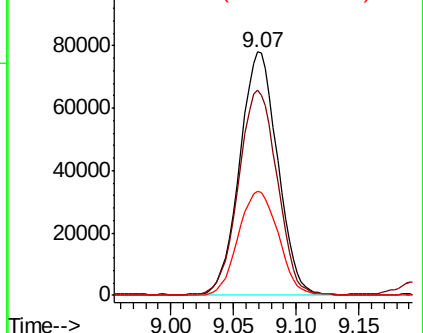
#39  
Methylcyclohexane  
Concen: 19.045 ug/l  
RT: 9.07 min Scan# 2269  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0822WBSD01

Tgt Ion: 83 Resp: 164362  
Ion Ratio Lower Upper  
83 100  
55 83.8 68.6 102.8  
98 42.9 36.6 54.8

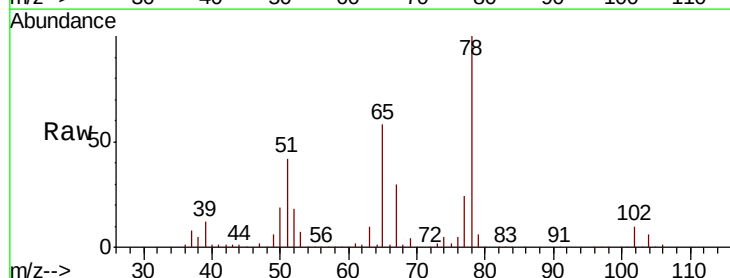


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

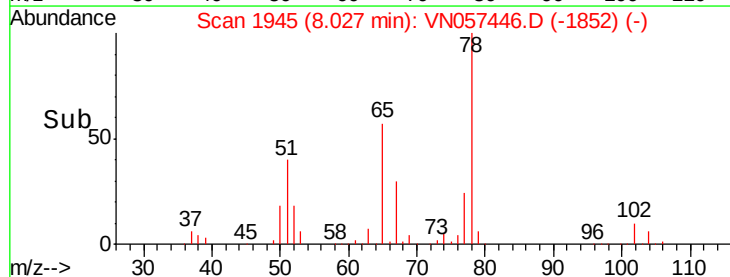
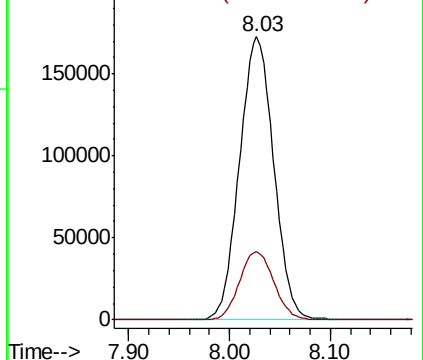


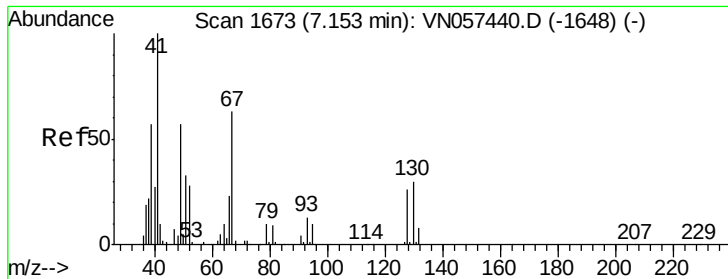
#40  
Benzene  
Concen: 18.591 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Tgt Ion: 78 Resp: 405456  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.5 27.7



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

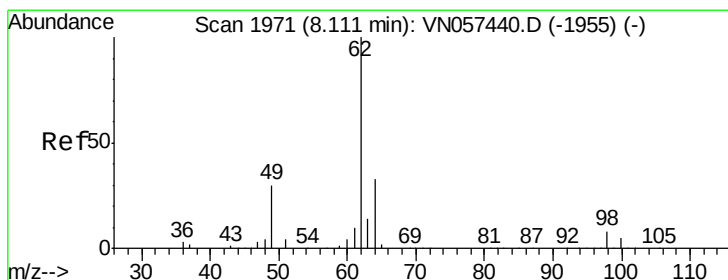
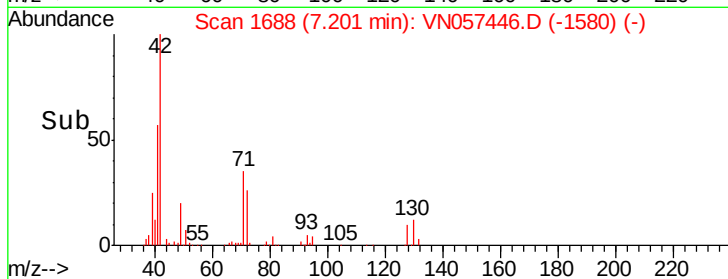
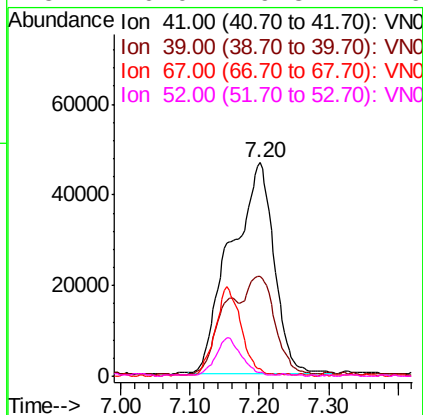
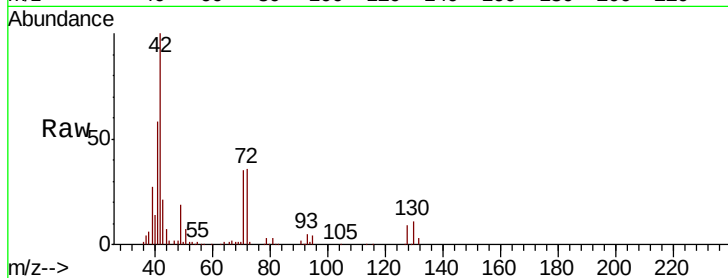




#41  
Methacrylonitrile  
Concen: 58.478 ug/l  
RT: 7.20 min Scan# 1688  
Delta R.T. 0.05 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

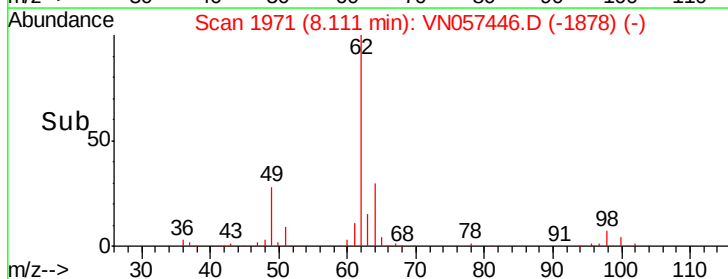
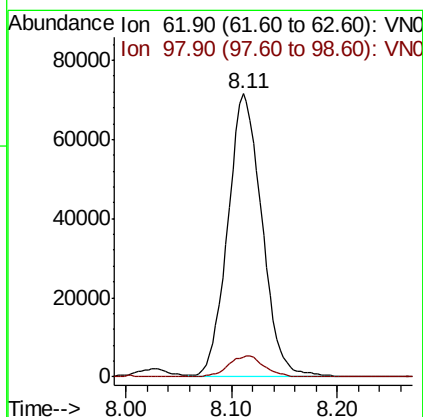
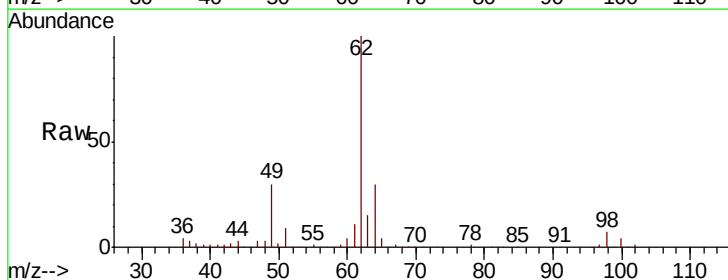
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0822WBSD01

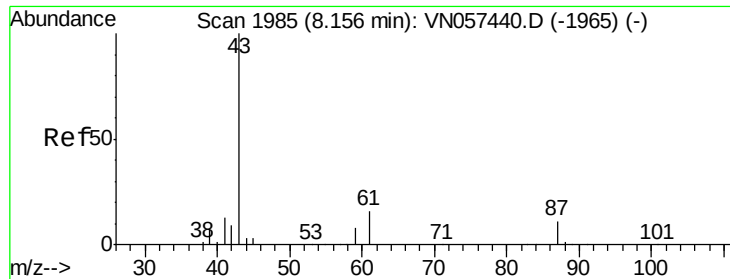
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 200220 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 53.6  | 80.4#  |
| 67       | 0.0   | 65.4  | 98.2#  |
| 52       | 0.0   | 29.8  | 44.6#  |



#42  
1,2-Dichloroethane  
Concen: 19.021 ug/l  
RT: 8.11 min Scan# 1971  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 159727 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.8   | 0.0   | 15.4   |





#43

Isopropyl Acetate

Concen: 18.665 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

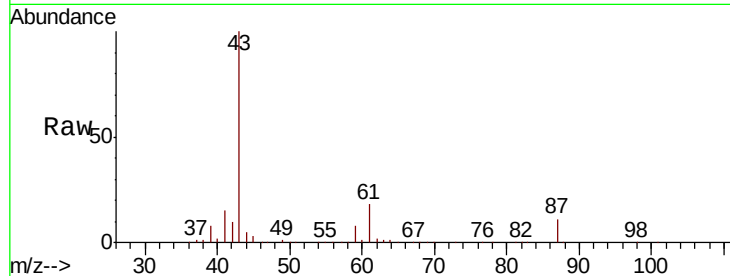
Tgt Ion: 43 Resp: 245736

Ion Ratio Lower Upper

43 100

61 18.1 14.5 21.7

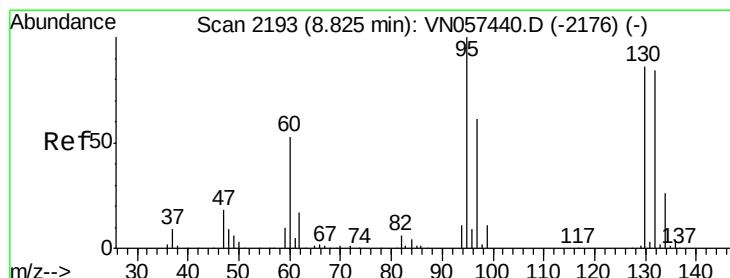
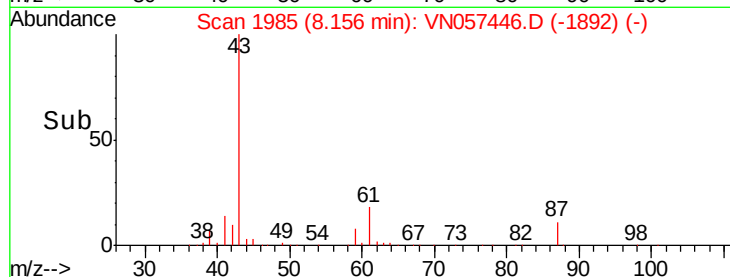
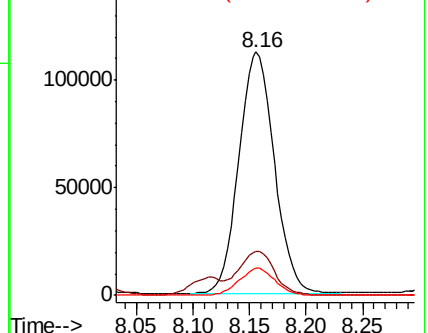
87 11.3 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 18.649 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057446.D

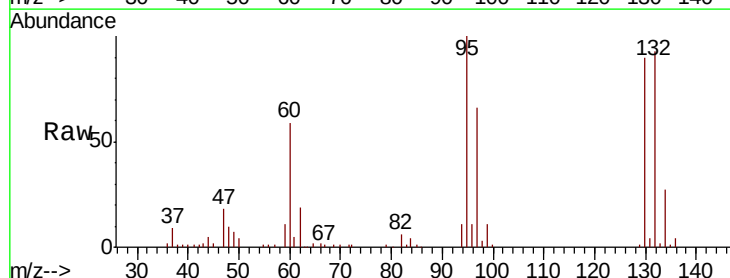
Acq: 22 Aug 2019 21:16

Tgt Ion: 130 Resp: 90793

Ion Ratio Lower Upper

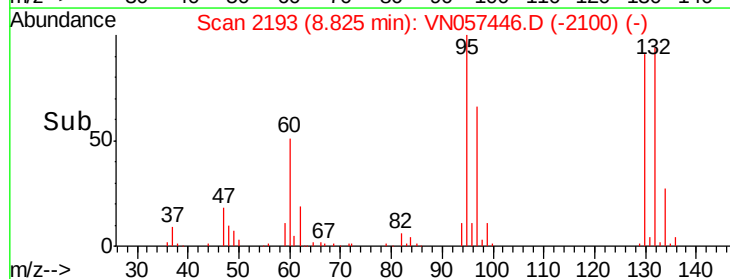
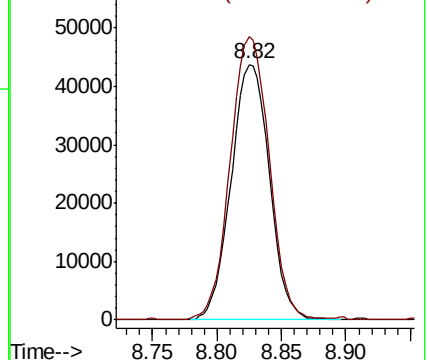
130 100

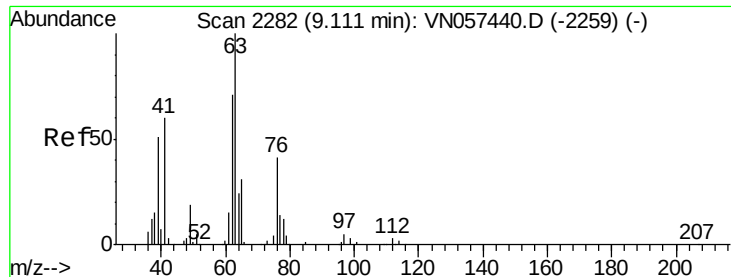
95 109.9 0.0 231.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

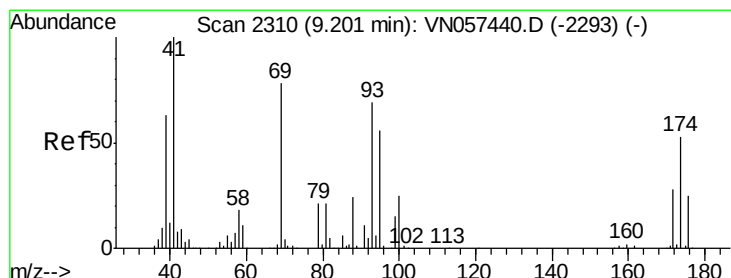
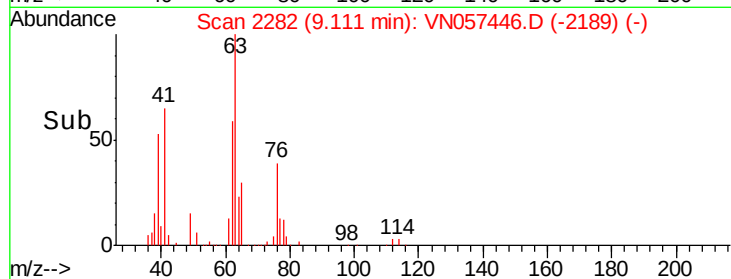
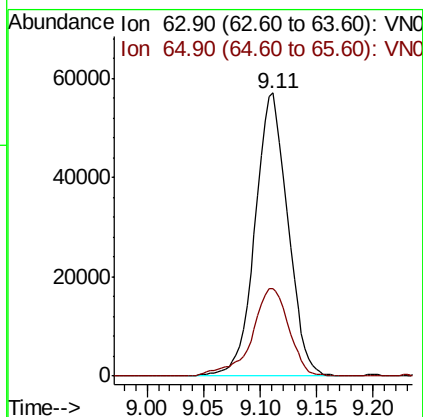
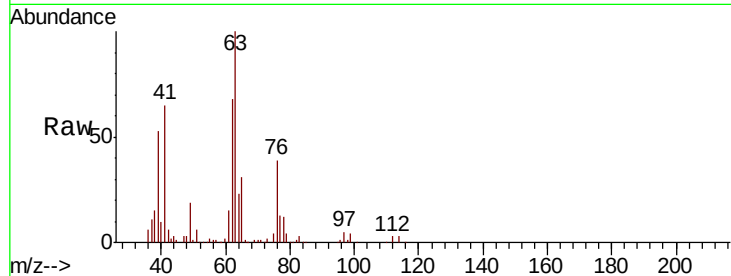




#45  
 1,2-Dichloropropane  
 Concen: 18.690 ug/l  
 RT: 9.11 min Scan# 2282  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

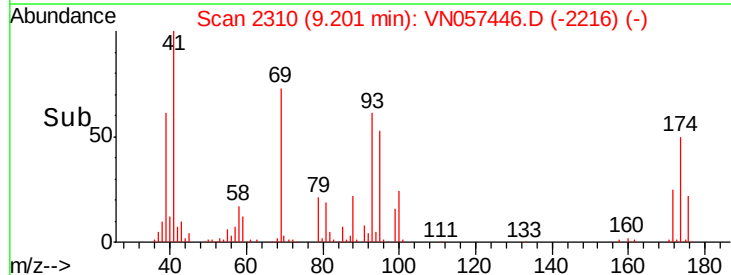
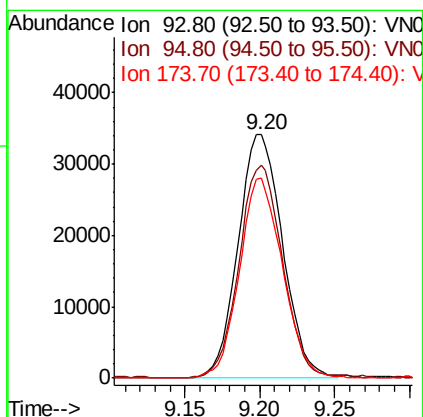
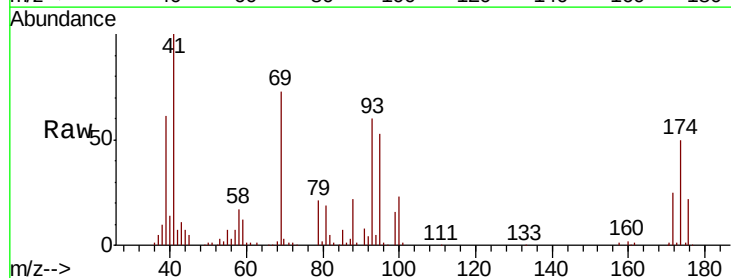
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

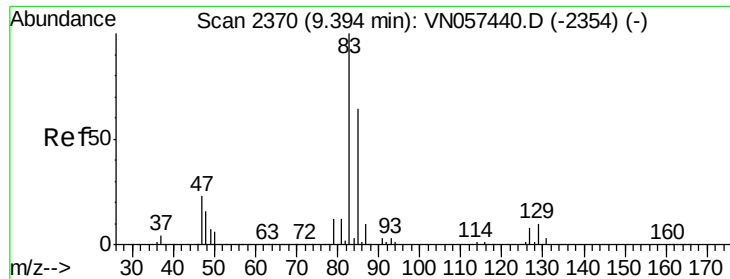
Tgt Ion: 63 Resp: 114796  
 Ion Ratio Lower Upper  
 63 100  
 65 31.0 24.7 37.1



#46  
 Dibromomethane  
 Concen: 19.396 ug/l  
 RT: 9.20 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Tgt Ion: 93 Resp: 70655  
 Ion Ratio Lower Upper  
 93 100  
 95 85.4 64.7 97.1  
 174 79.5 62.3 93.5





#47

Bromodichloromethane

Concen: 18.363 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

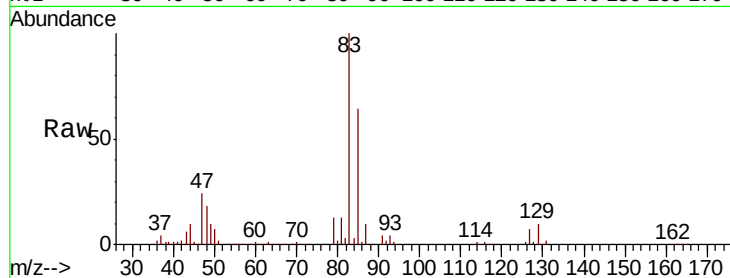
Tgt Ion: 83 Resp: 148804

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8

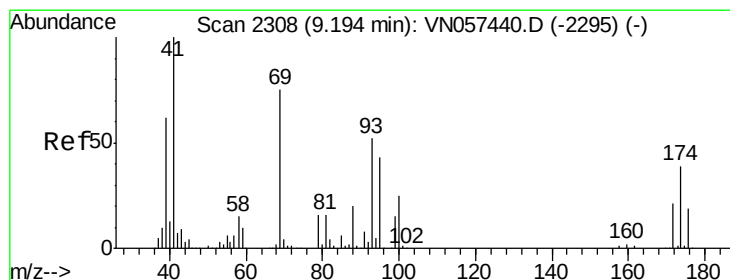
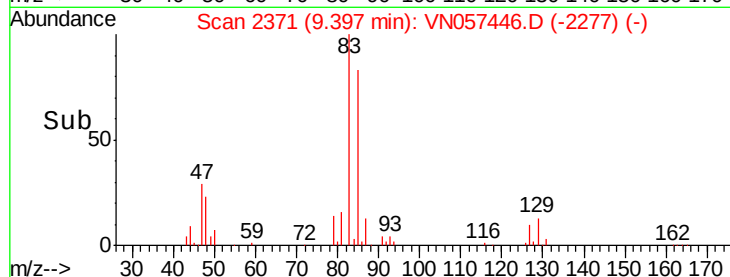
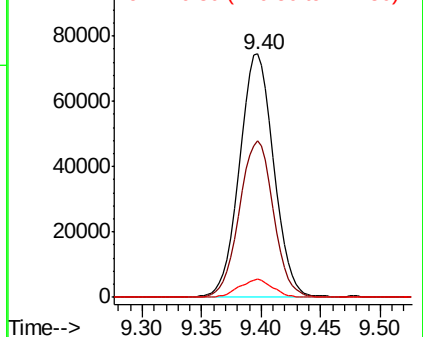
127 7.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 18.935 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

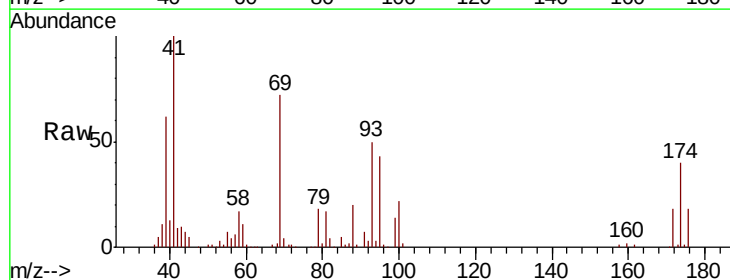
Tgt Ion: 41 Resp: 118542

Ion Ratio Lower Upper

41 100

69 77.1 59.3 88.9

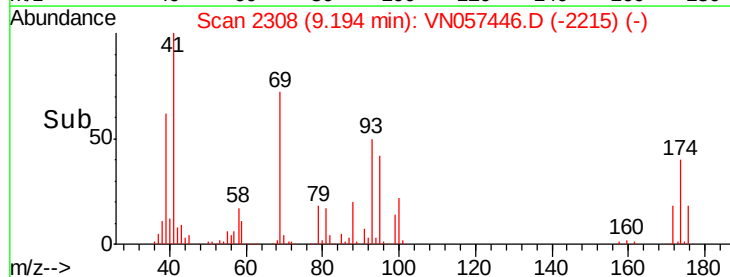
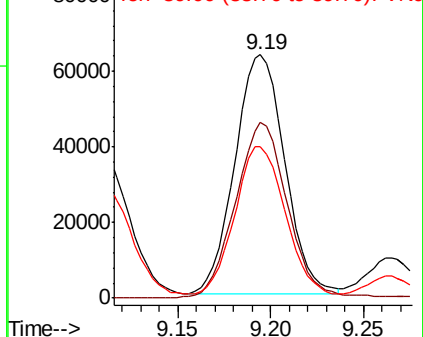
39 64.1 50.6 75.8

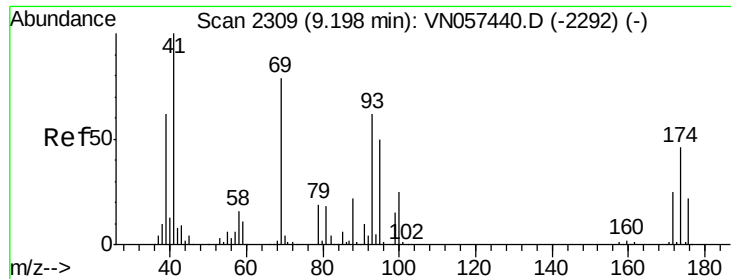


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

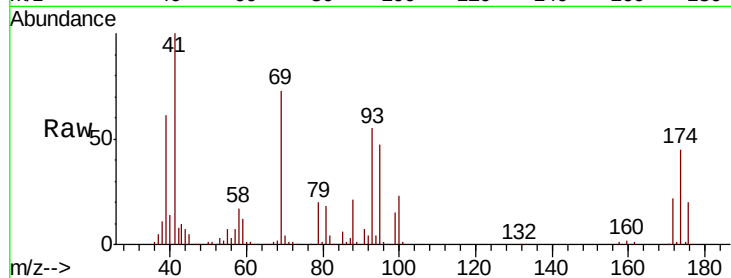




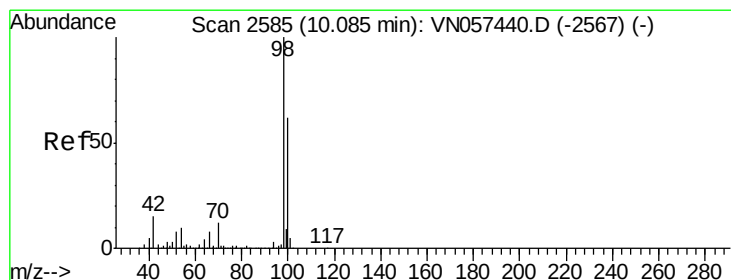
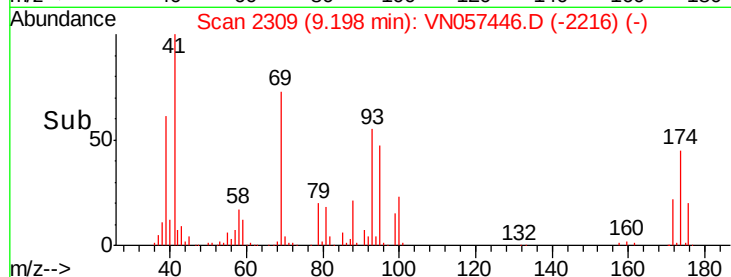
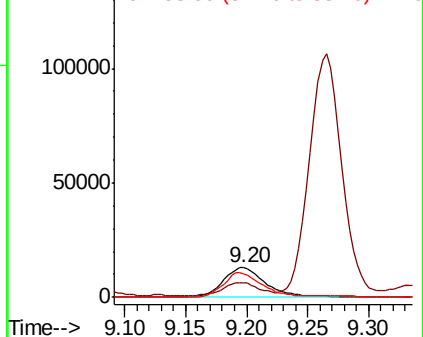
#49  
1,4-Dioxane  
Concen: 391.584 ug/l  
RT: 9.20 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0822WBSD01

Tgt Ion: 88 Resp: 31702  
Ion Ratio Lower Upper  
88 100  
43 38.0 31.0 46.6  
58 77.1 64.5 96.7

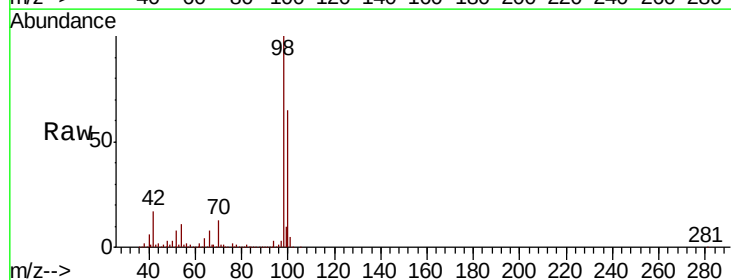


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

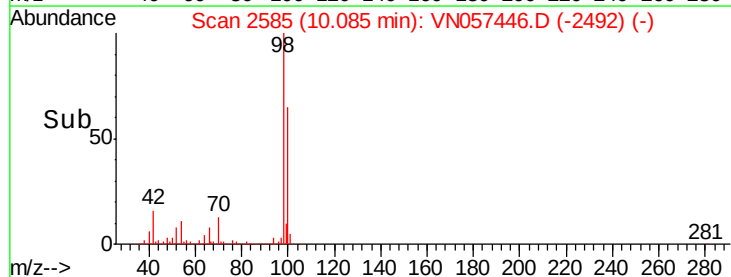
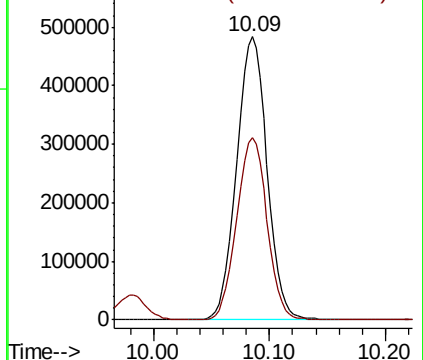


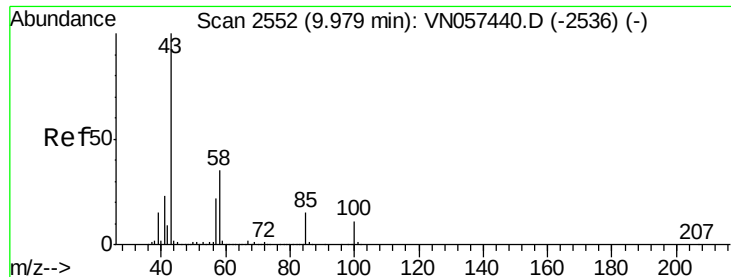
#50  
Toluene-d8  
Concen: 48.349 ug/l  
RT: 10.09 min Scan# 2585  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Tgt Ion: 98 Resp: 878148  
Ion Ratio Lower Upper  
98 100  
100 63.9 50.4 75.6



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

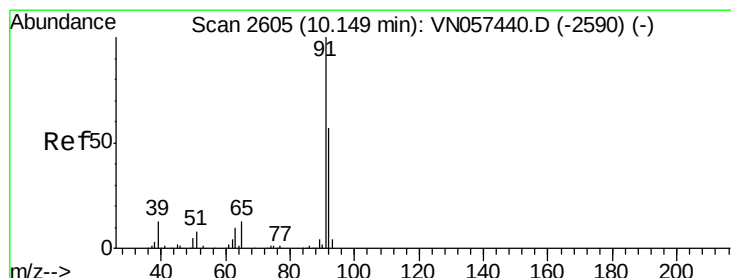
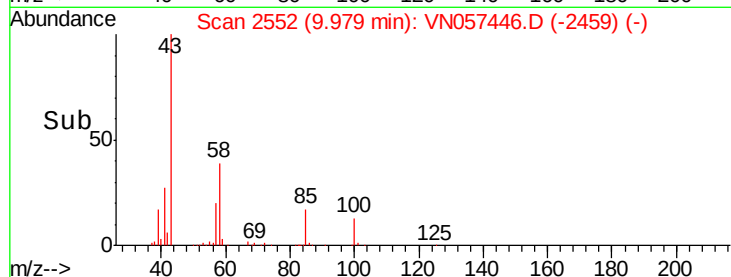
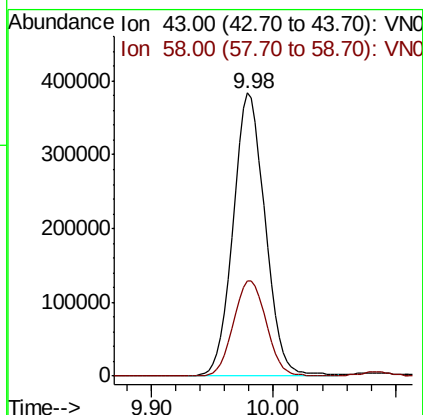
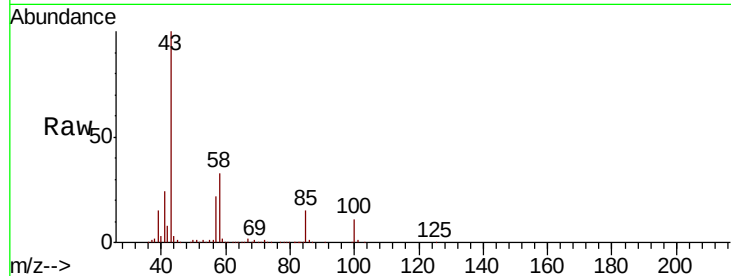




#51  
 4-Methyl-2-Pentanone  
 Concen: 94.716 ug/l  
 RT: 9.98 min Scan# 2552  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

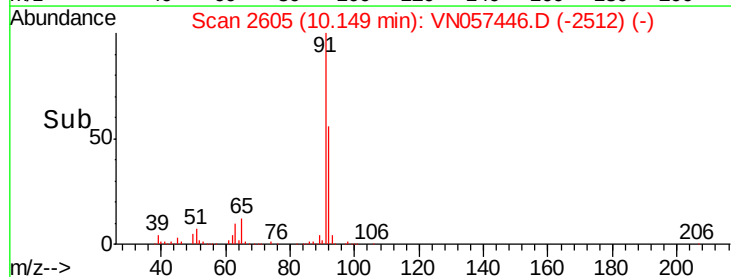
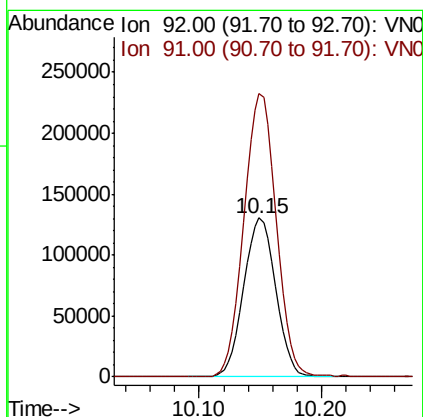
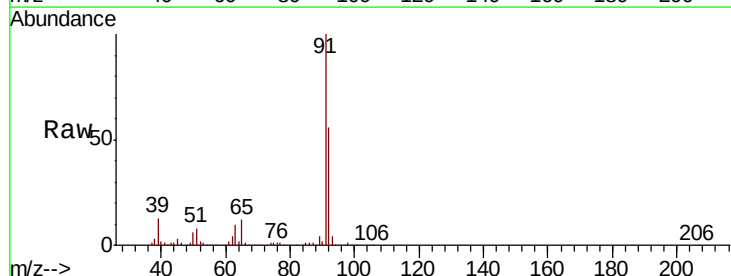
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

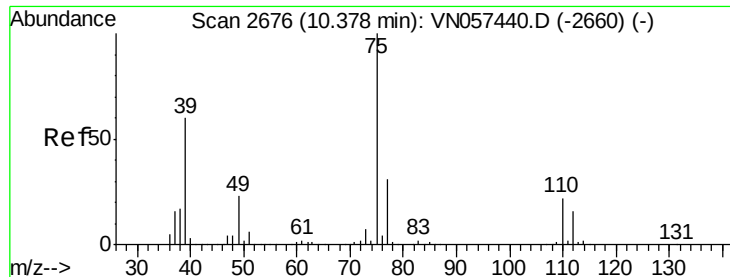
Tgt Ion: 43 Resp: 694977  
 Ion Ratio Lower Upper  
 43 100  
 58 34.8 27.9 41.9



#52  
 Toluene  
 Concen: 18.747 ug/l  
 RT: 10.15 min Scan# 2605  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Tgt Ion: 92 Resp: 235651  
 Ion Ratio Lower Upper  
 92 100  
 91 179.3 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 18.072 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

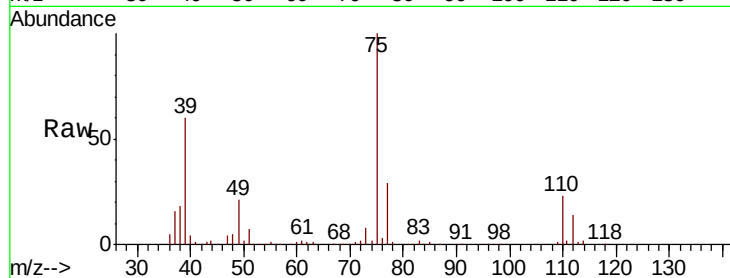
VN0822WBSD01

Tgt Ion: 75 Resp: 153393

Ion Ratio Lower Upper

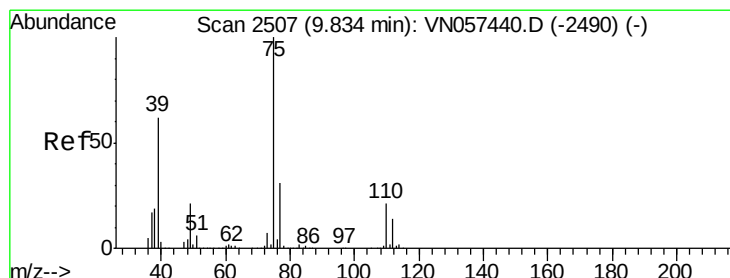
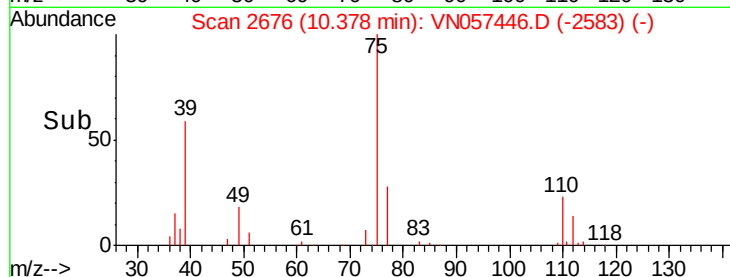
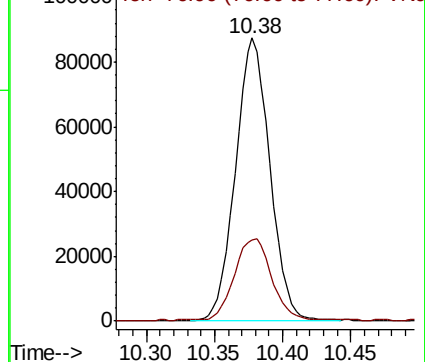
75 100

77 28.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 17.577 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

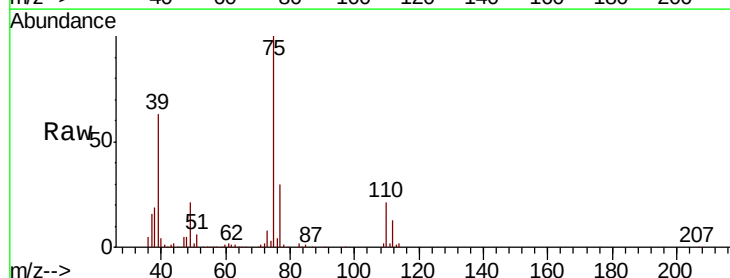
Tgt Ion: 75 Resp: 166112

Ion Ratio Lower Upper

75 100

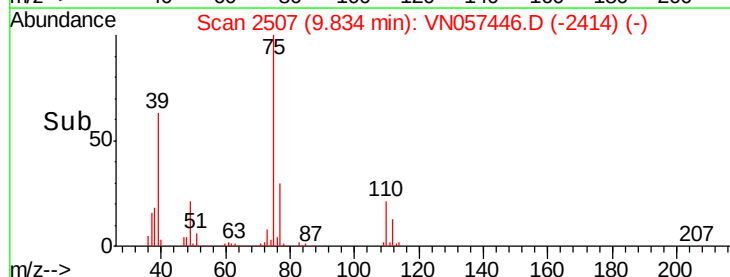
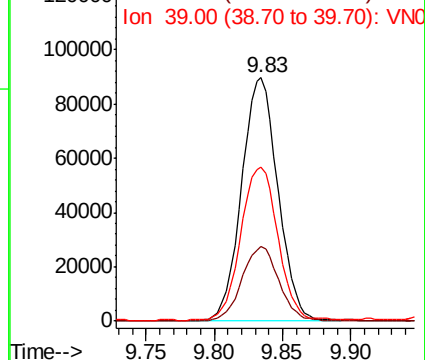
77 30.4 25.0 37.6

39 62.6 49.2 73.8

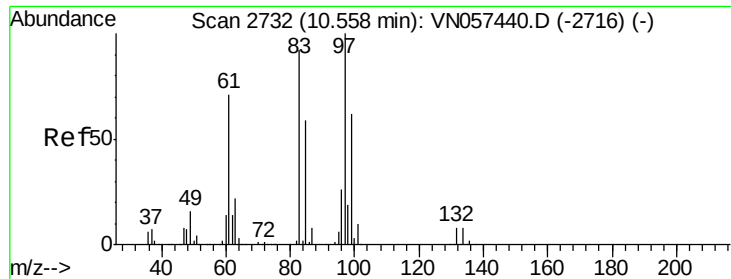


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



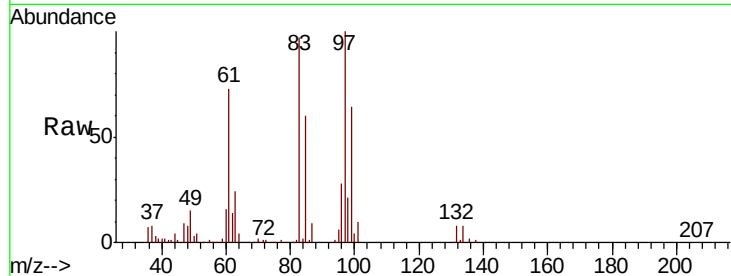




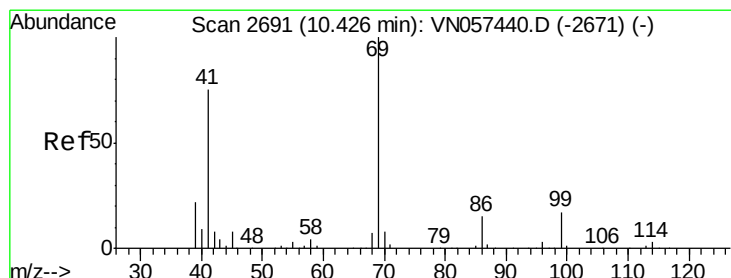
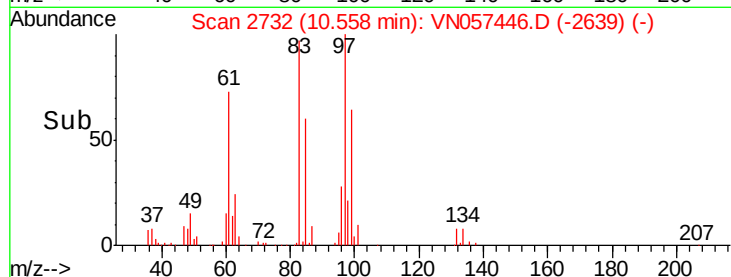
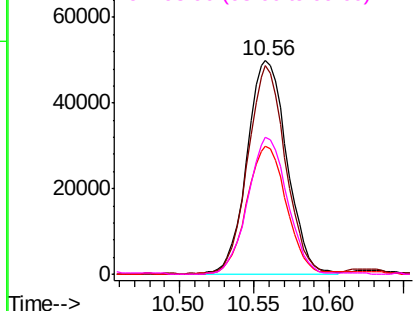
#55  
 1,1,2-Trichloroethane  
 Concen: 18.256 ug/l  
 RT: 10.56 min Scan# 2732  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

Tgt Ion: 97 Resp: 92800  
 Ion Ratio Lower Upper  
 97 100  
 83 97.0 73.7 110.5  
 85 59.7 46.8 70.2  
 99 64.3 49.8 74.8

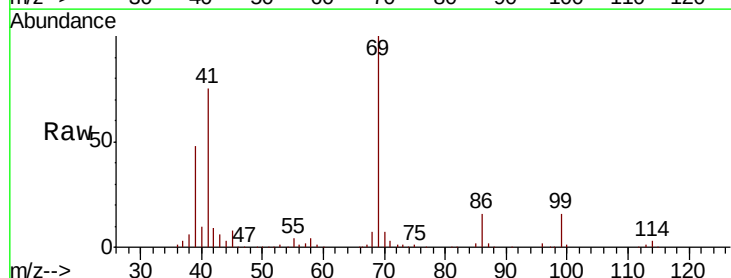


Abundance Ion 96.90 (96.60 to 97.60): VNO  
 Ion 82.90 (82.60 to 83.60): VNO  
 Ion 84.90 (84.60 to 85.60): VNO  
 Ion 98.90 (98.60 to 99.60): VNO

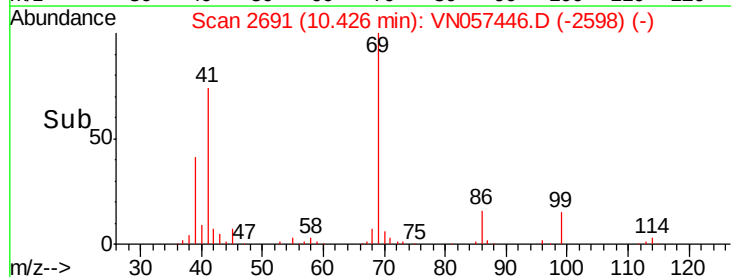
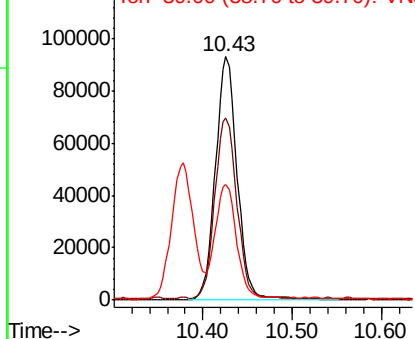


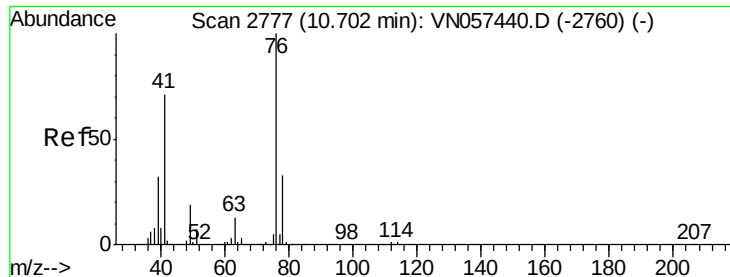
#56  
 Ethyl methacrylate  
 Concen: 19.545 ug/l  
 RT: 10.43 min Scan# 2691  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Tgt Ion: 69 Resp: 156295  
 Ion Ratio Lower Upper  
 69 100  
 41 74.3 60.8 91.2  
 39 46.7 36.5 54.7



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: 18.898 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampled :

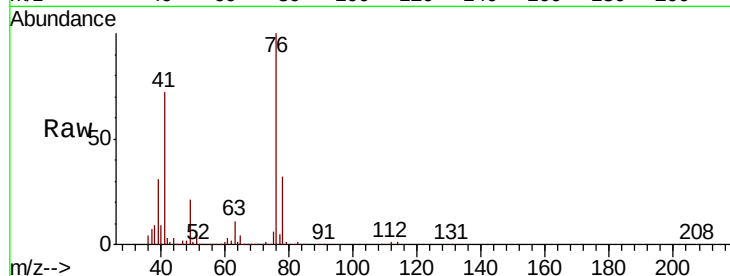
VN0822WBSD01

Tgt Ion: 76 Resp: 167197

Ion Ratio Lower Upper

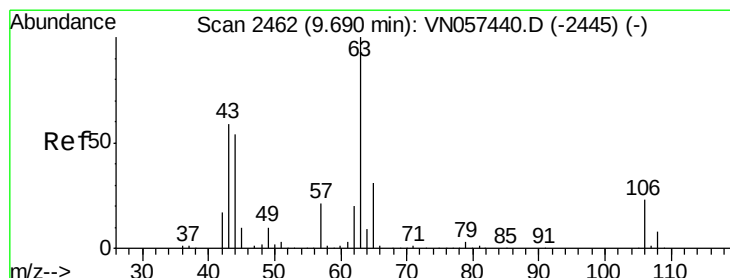
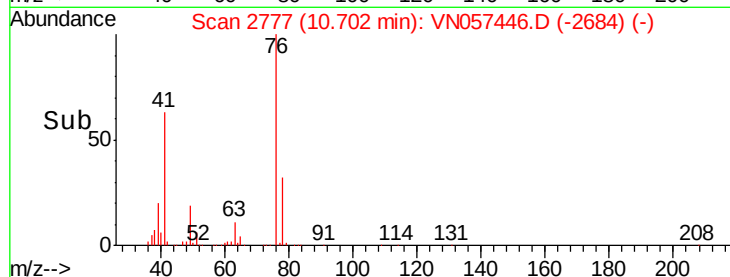
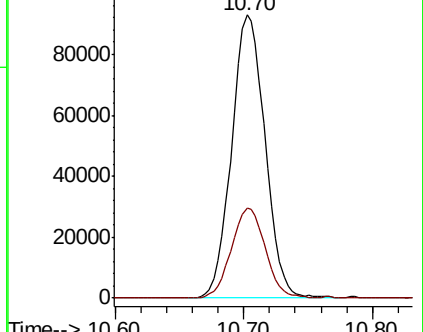
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 96.238 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057446.D

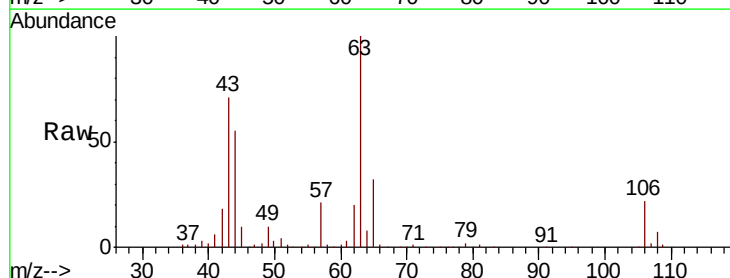
Acq: 22 Aug 2019 21:16

Tgt Ion: 63 Resp: 189242

Ion Ratio Lower Upper

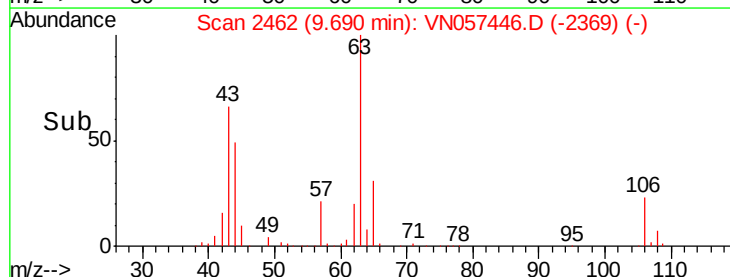
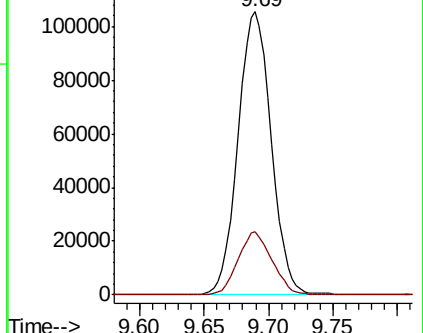
63 100

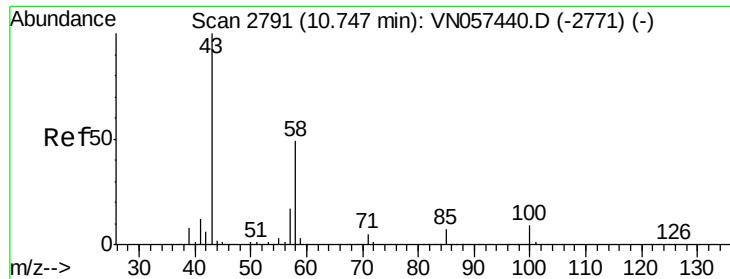
106 22.8 18.6 27.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

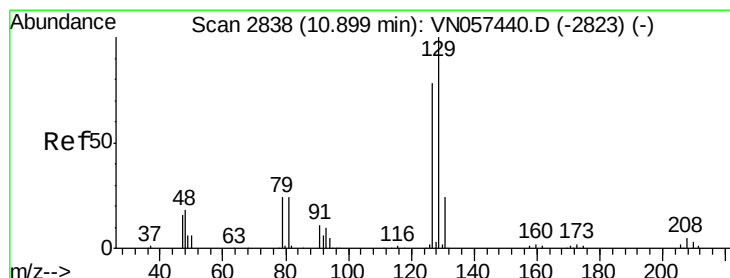
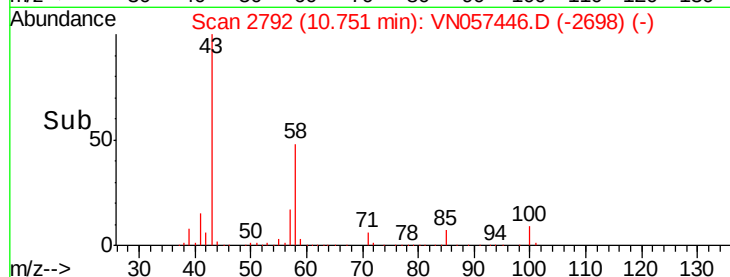
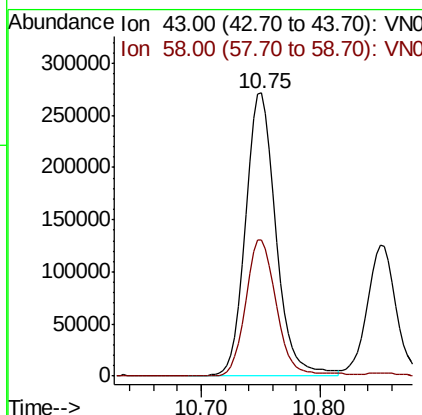
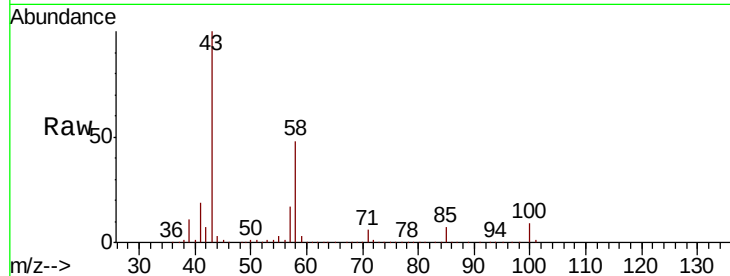




#59  
2-Hexanone  
Concen: 94.937 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

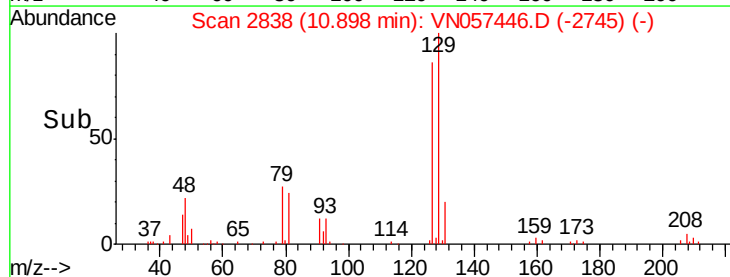
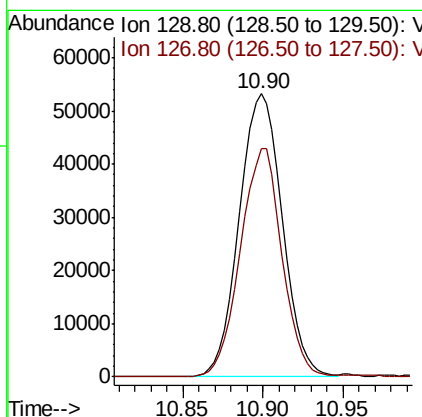
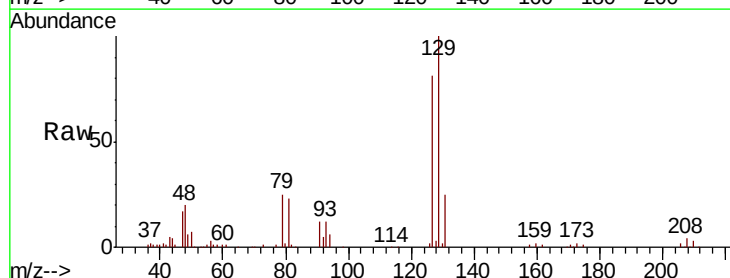
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0822WBSD01

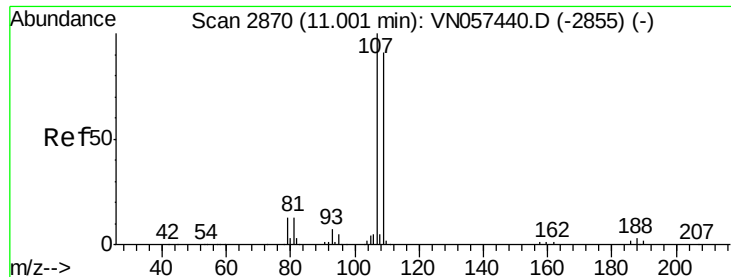
Tgt Ion: 43 Resp: 477785  
Ion Ratio Lower Upper  
43 100  
58 48.7 24.6 73.6



#60  
Dibromochloromethane  
Concen: 18.223 ug/l  
RT: 10.90 min Scan# 2838  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Tgt Ion: 129 Resp: 97893  
Ion Ratio Lower Upper  
129 100  
127 77.9 39.0 116.9

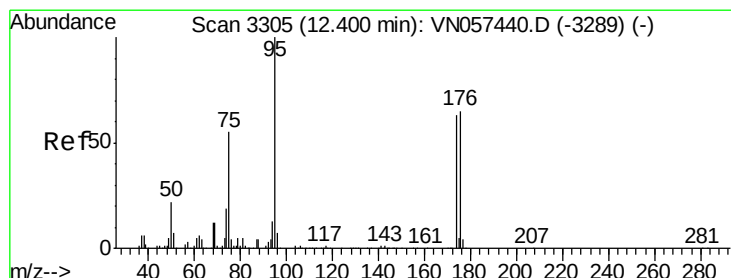
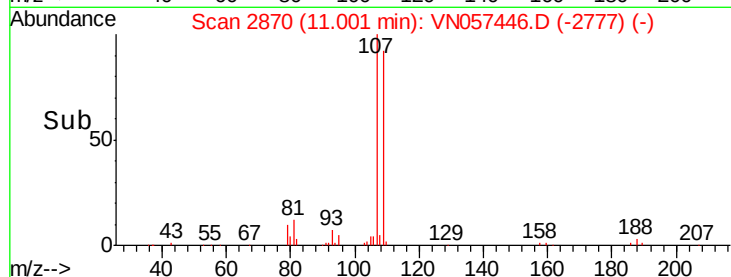
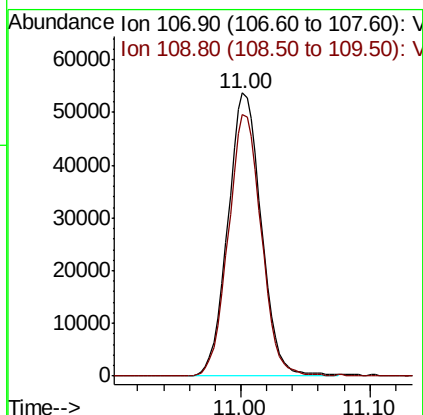
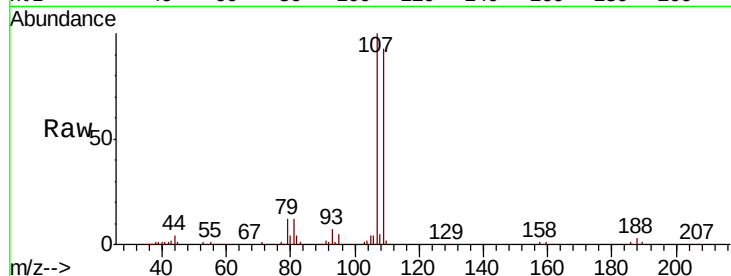




#61  
 1,2-Dibromoethane  
 Concen: 19.374 ug/l  
 RT: 11.00 min Scan# 2870  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

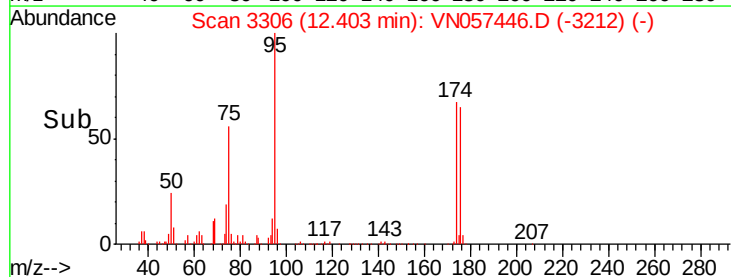
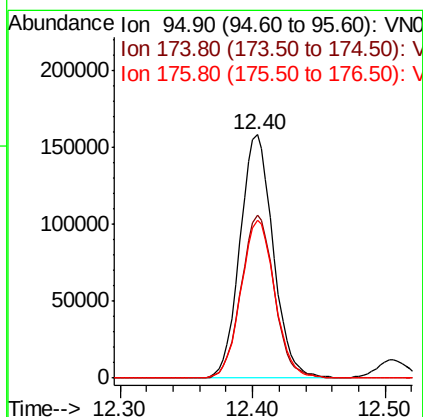
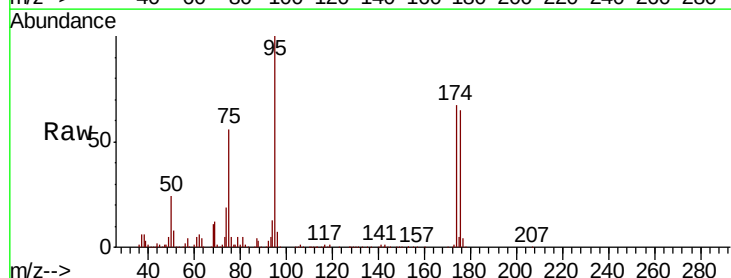
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

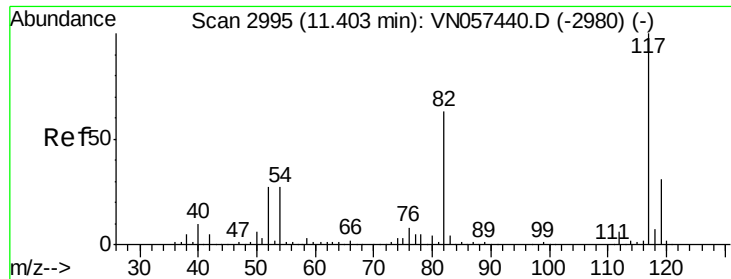
Tgt Ion: 107 Resp: 96597  
 Ion Ratio Lower Upper  
 107 100  
 109 91.1 73.8 110.8



#62  
 4-Bromofluorobenzene  
 Concen: 44.716 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Tgt Ion: 95 Resp: 275228  
 Ion Ratio Lower Upper  
 95 100  
 174 67.1 0.0 133.0  
 176 66.1 0.0 130.8

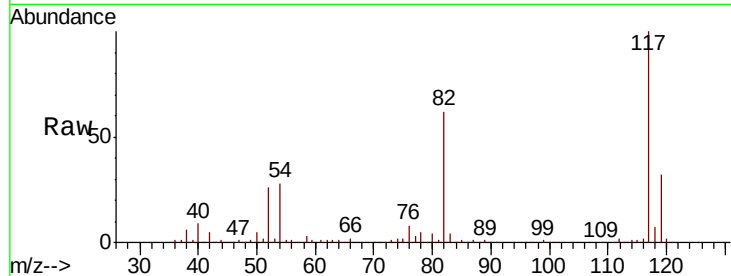




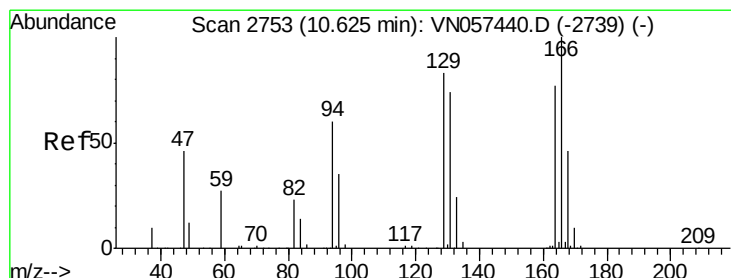
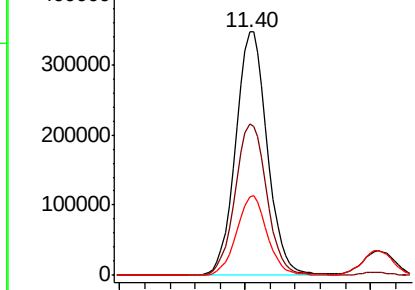
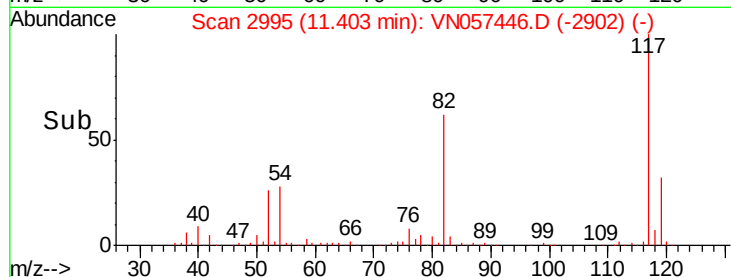
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2995  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0822WBSD01

Tgt Ion:117 Resp: 607025  
Ion Ratio Lower Upper  
117 100  
82 62.2 50.6 75.8  
119 32.1 24.6 36.8

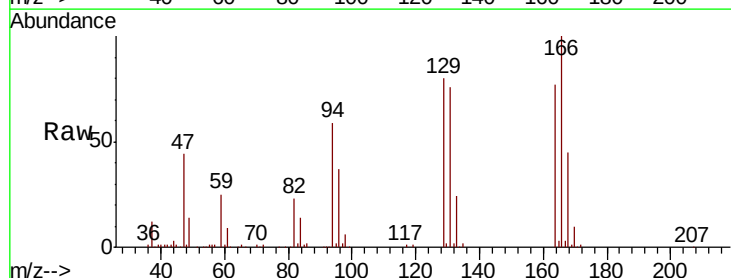


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

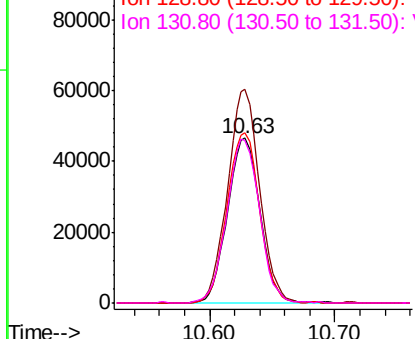
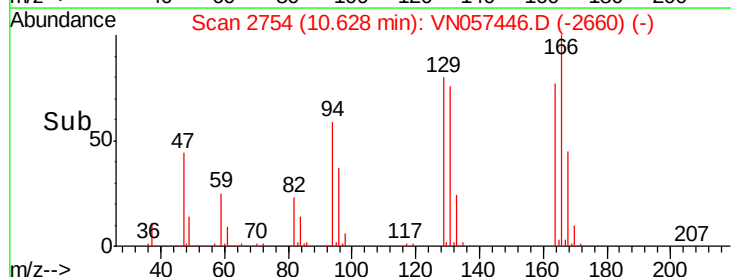


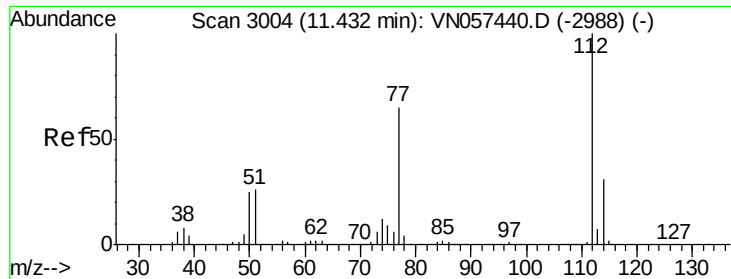
#64  
Tetrachloroethene  
Concen: 19.752 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. 0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Tgt Ion:164 Resp: 83884  
Ion Ratio Lower Upper  
164 100  
166 129.5 104.4 156.6  
129 103.6 86.6 130.0  
131 98.9 77.6 116.4



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

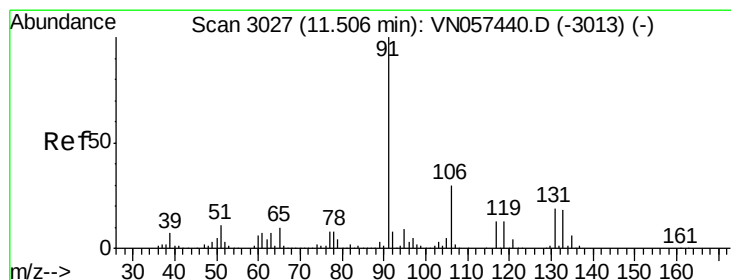
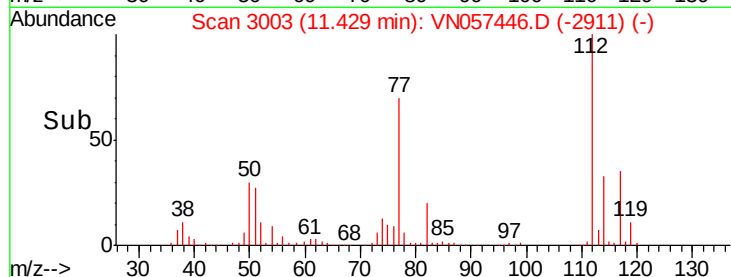
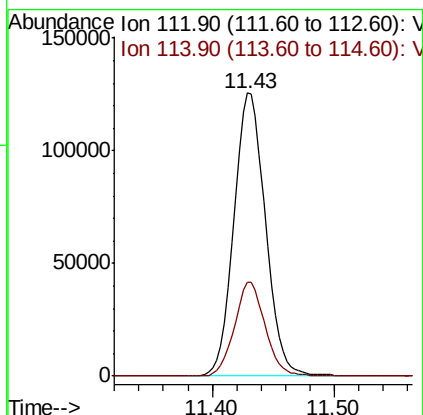
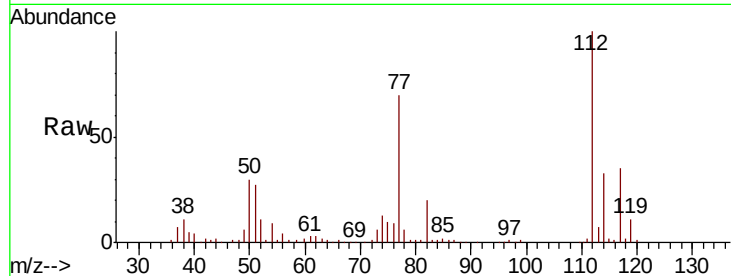




#65  
Chlorobenzene  
Concen: 18.353 ug/l  
RT: 11.43 min Scan# 3003  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

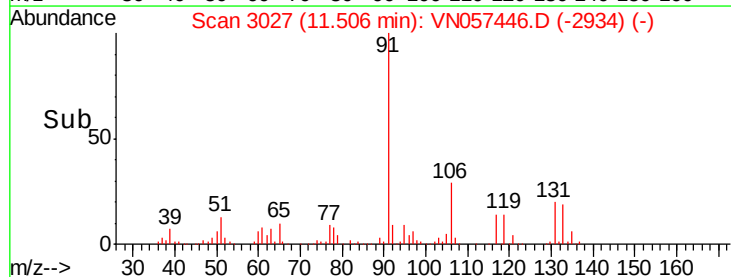
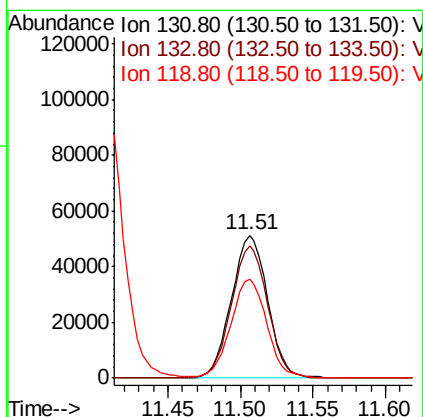
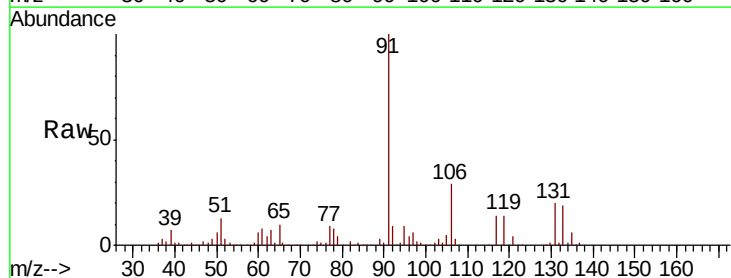
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0822WBSD01

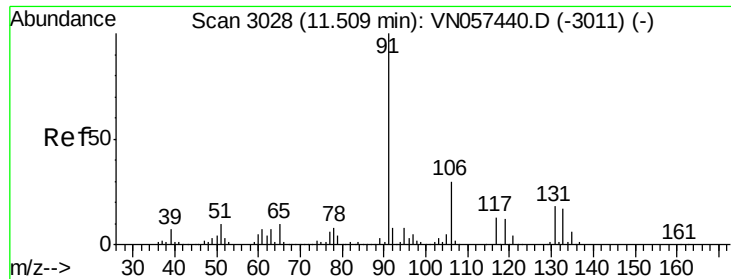
Tgt Ion:112 Resp: 225203  
Ion Ratio Lower Upper  
112 100  
114 33.2 24.8 37.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.864 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Tgt Ion:131 Resp: 88772  
Ion Ratio Lower Upper  
131 100  
133 93.5 47.6 142.8  
119 69.4 34.4 103.2

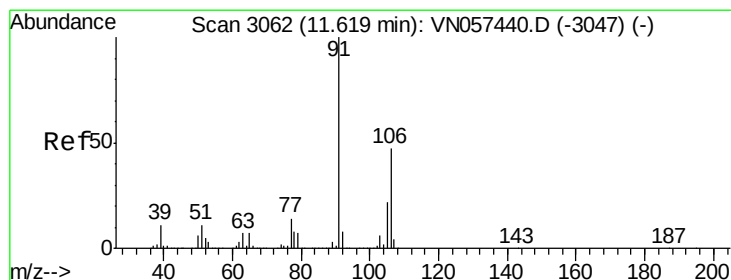
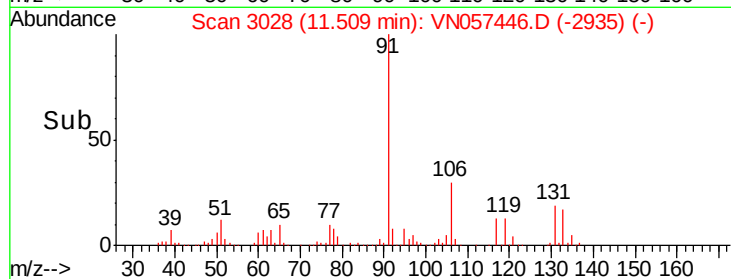
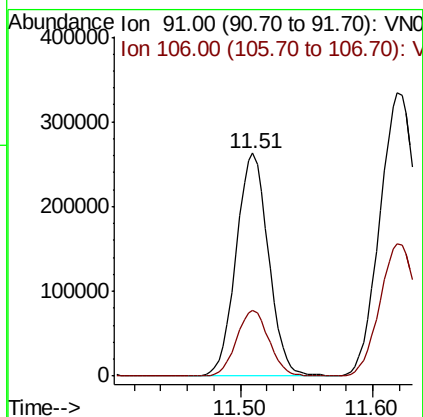
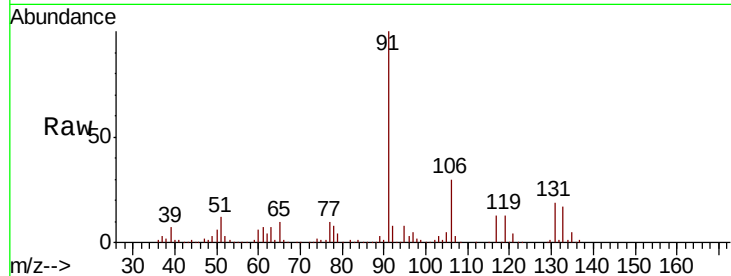




#67  
Ethyl Benzene  
Concen: 18.800 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

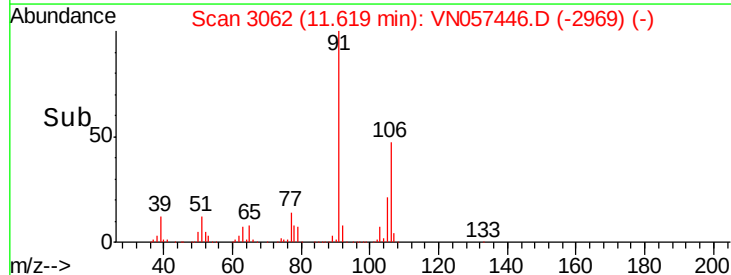
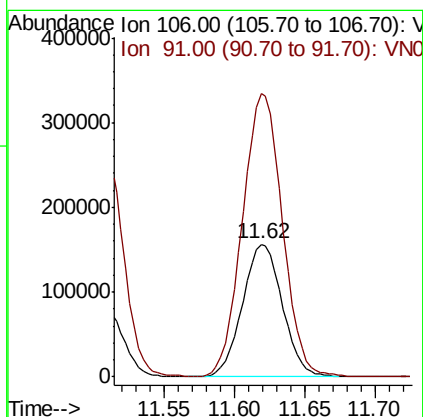
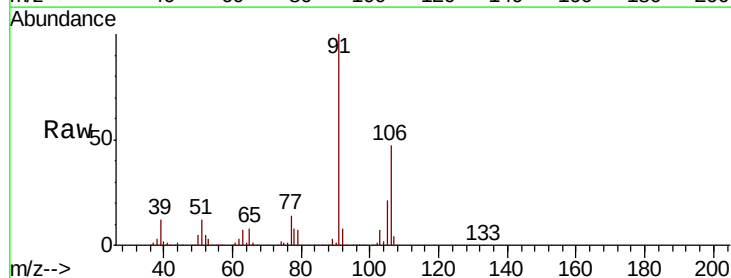
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0822WBSD01

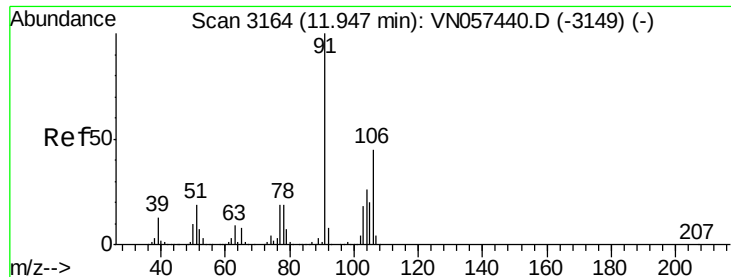
Tgt Ion: 91 Resp: 446524  
Ion Ratio Lower Upper  
91 100  
106 29.6 24.1 36.1



#68  
m/p-Xylenes  
Concen: 38.187 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Tgt Ion: 106 Resp: 308447  
Ion Ratio Lower Upper  
106 100  
91 215.7 171.8 257.6

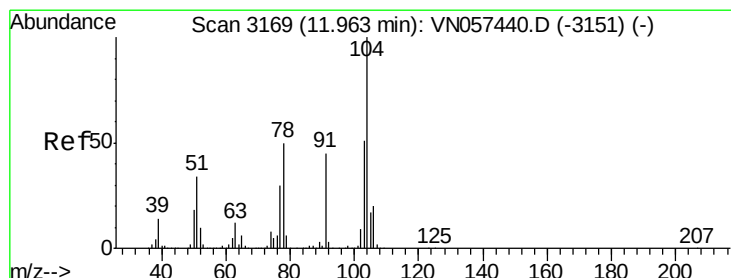
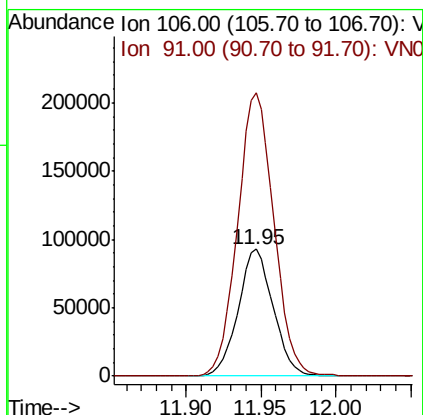
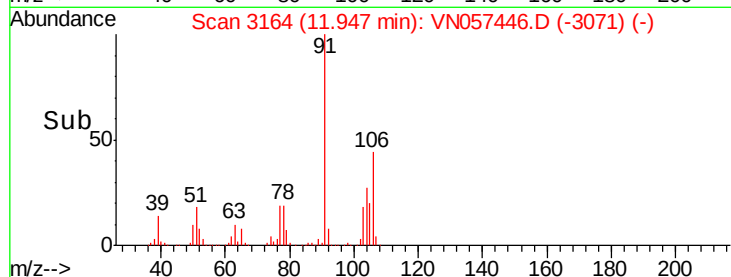
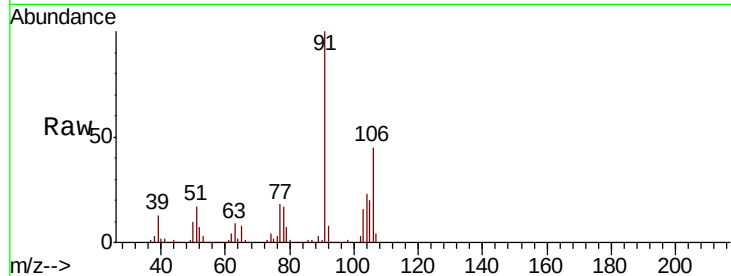




#69  
o-Xylene  
Concen: 18.932 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

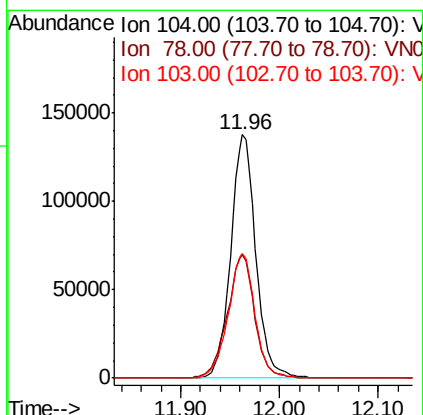
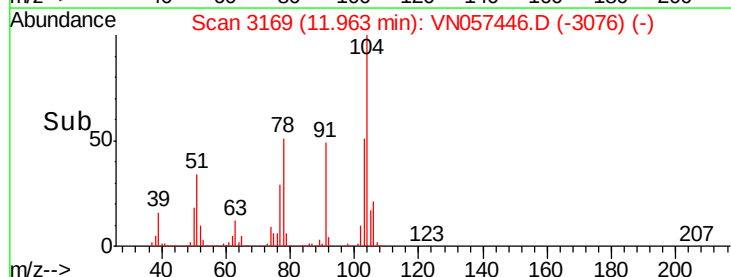
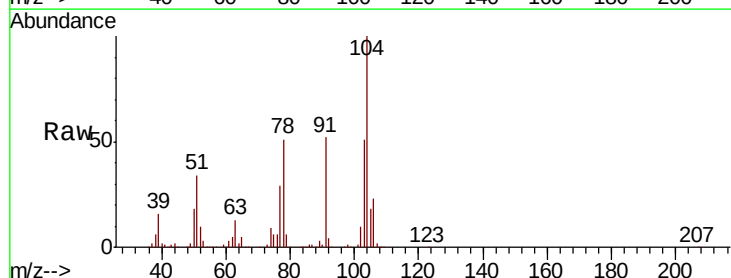
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0822WBSD01

Tgt Ion:106 Resp: 151484  
Ion Ratio Lower Upper  
106 100  
91 231.3 112.3 336.9

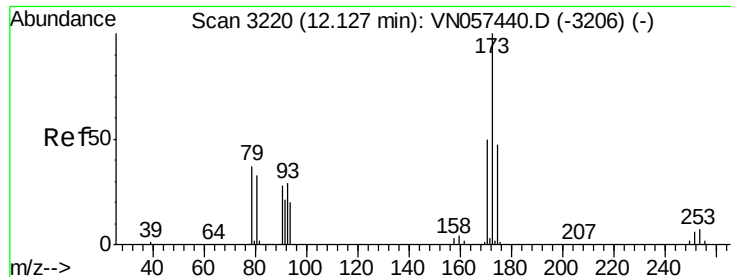


#70  
Styrene  
Concen: 19.251 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN057446.D  
Acq: 22 Aug 2019 21:16

Tgt Ion:104 Resp: 243914  
Ion Ratio Lower Upper  
104 100  
78 55.1 44.7 67.1  
103 54.6 44.4 66.6







#71

Bromoform

Concen: 18.112 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

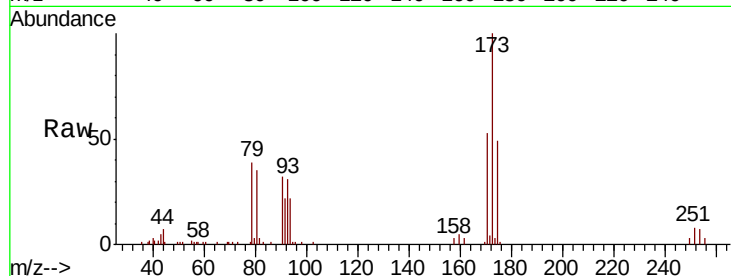
Tgt Ion:173 Resp: 57618

Ion Ratio Lower Upper

173 100

175 50.0 23.9 71.8

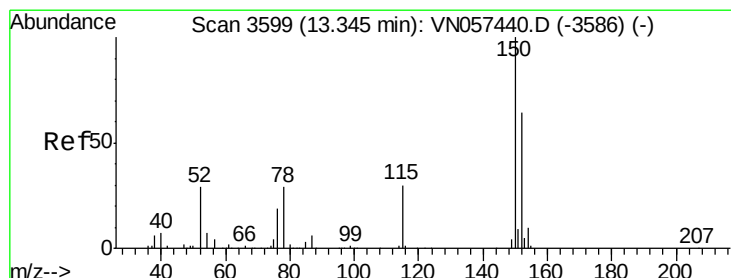
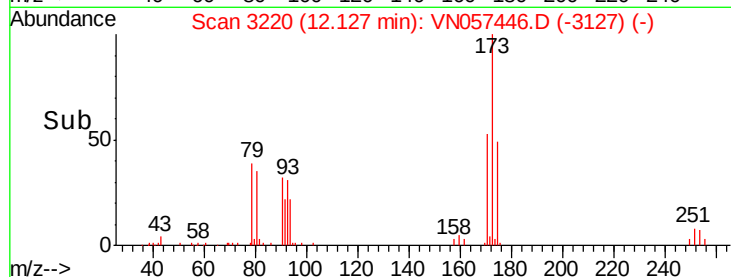
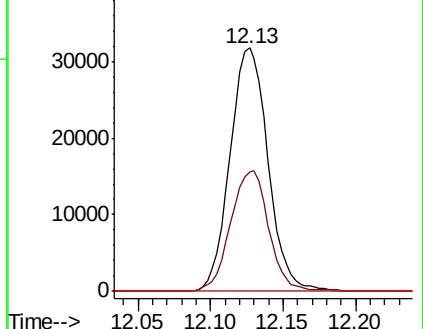
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

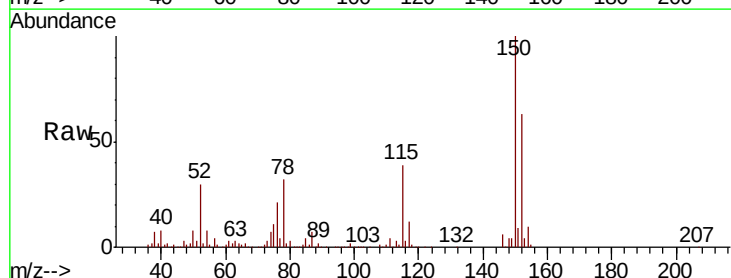
Tgt Ion:152 Resp: 194366

Ion Ratio Lower Upper

152 100

115 63.6 32.0 96.0

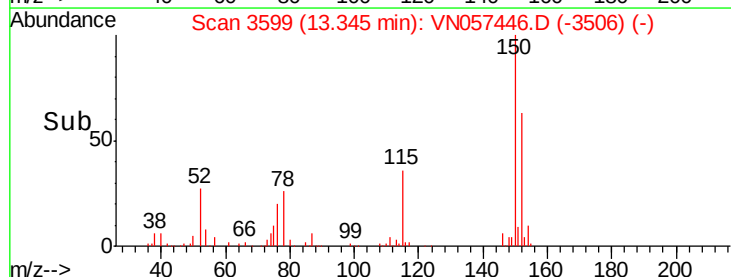
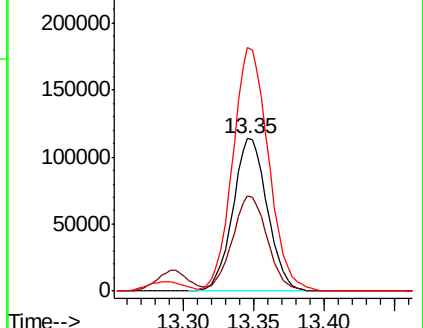
150 165.7 0.0 346.6

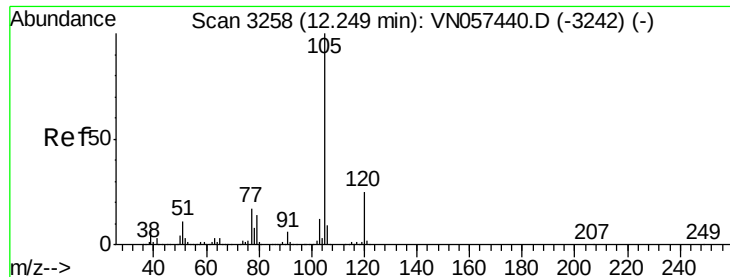


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.668 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

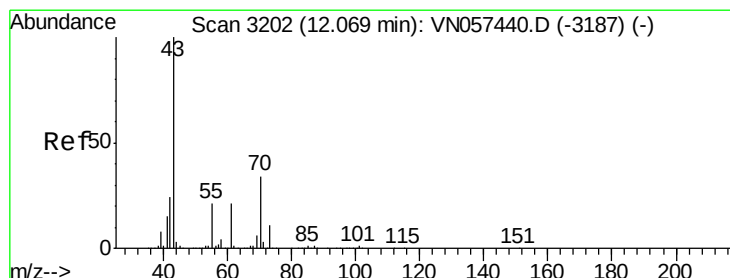
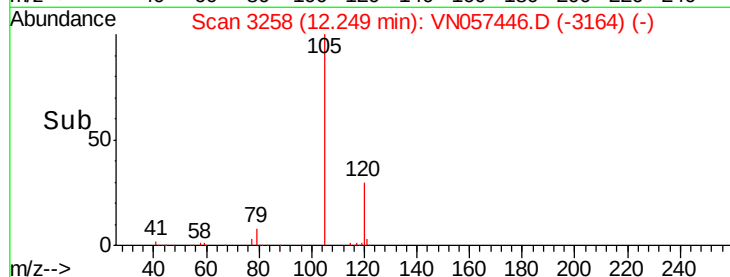
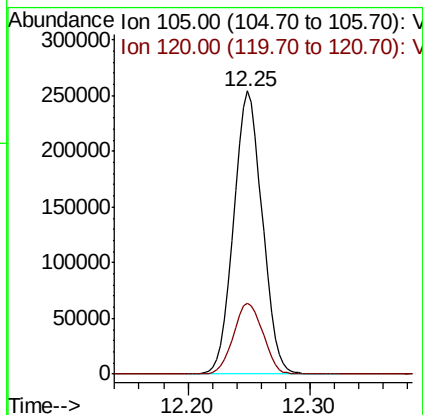
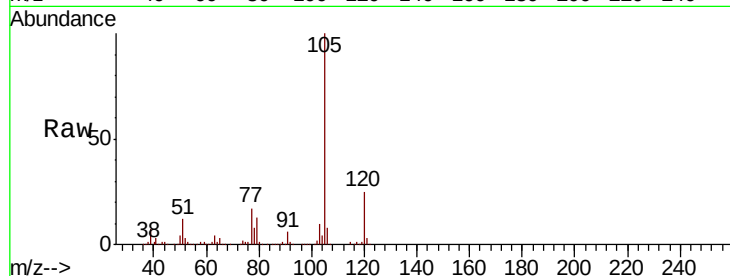
VN0822WBSD01

Tgt Ion:105 Resp: 412329

Ion Ratio Lower Upper

105 100

120 25.8 12.7 38.0



#74

N-ethyl acetate

Concen: 21.704 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Tgt Ion: 43 Resp: 191819

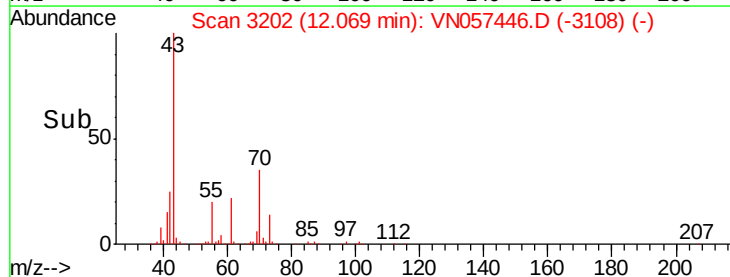
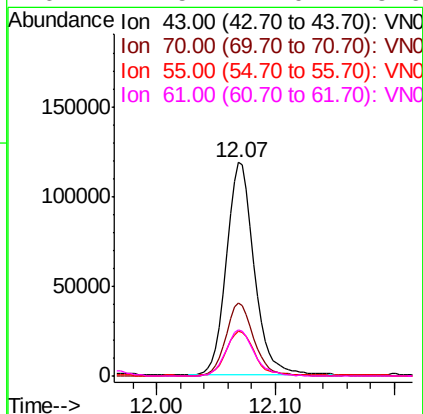
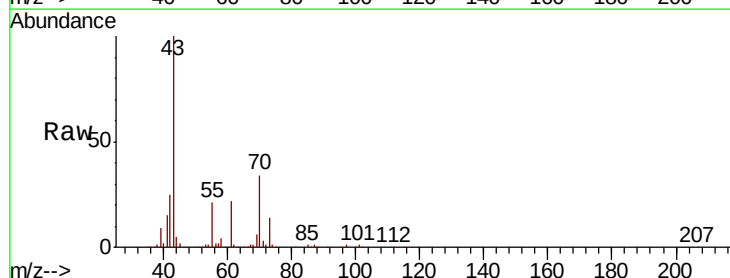
Ion Ratio Lower Upper

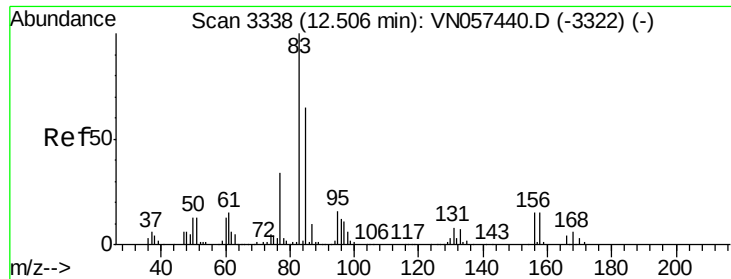
43 100

70 34.7 27.8 41.6

55 20.9 17.0 25.4

61 22.5 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.916 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

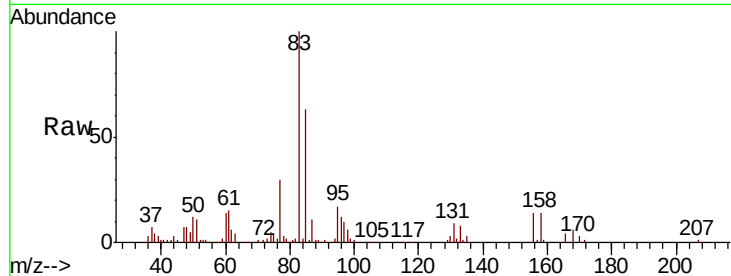
Tgt Ion: 83 Resp: 124170

Ion Ratio Lower Upper

83 100

131 8.8 4.3 13.1

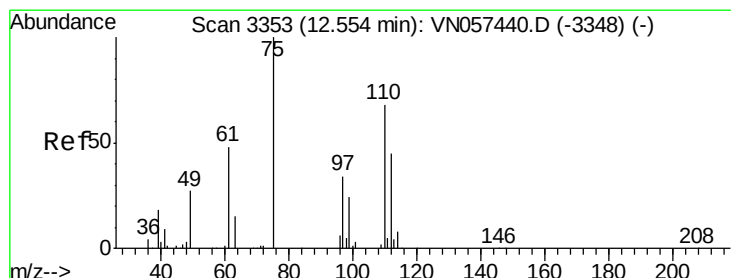
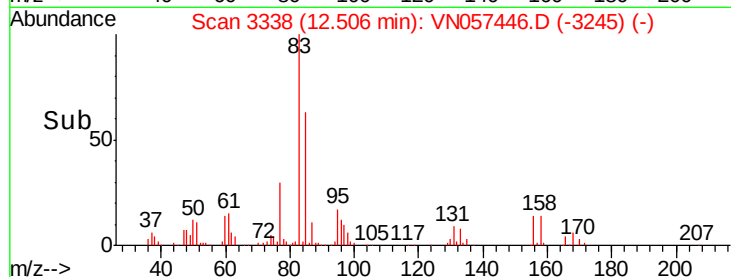
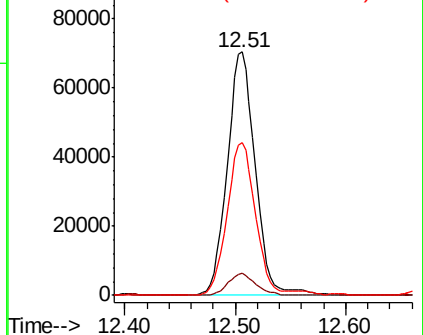
85 63.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 35.865 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057446.D

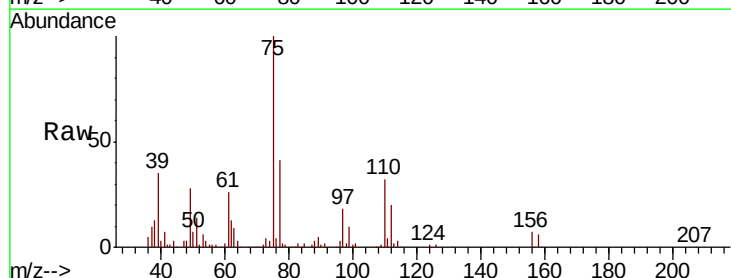
Acq: 22 Aug 2019 21:16

Tgt Ion: 75 Resp: 158843

Ion Ratio Lower Upper

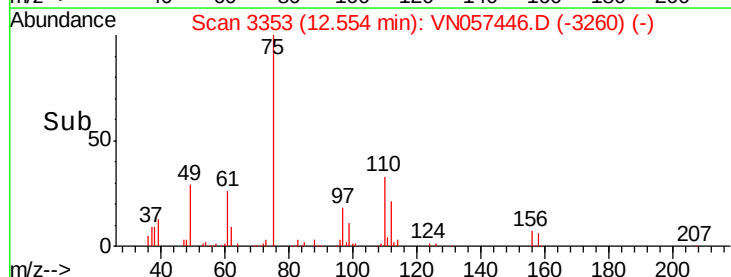
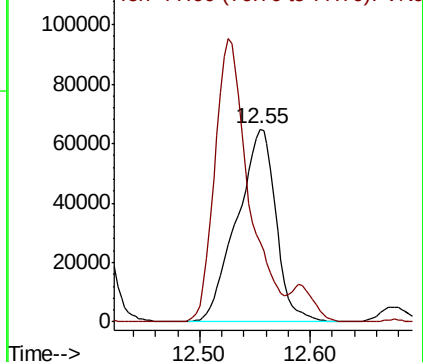
75 100

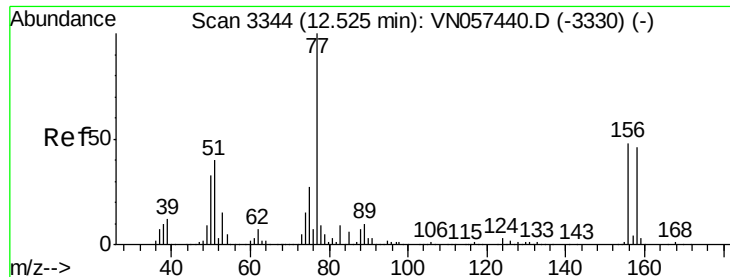
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.956 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

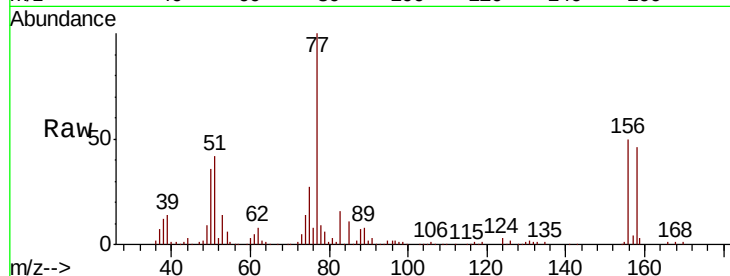
Tgt Ion:156 Resp: 84381

Ion Ratio Lower Upper

156 100

77 240.8 124.4 373.3

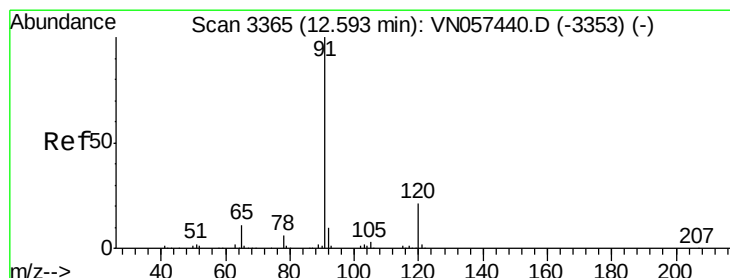
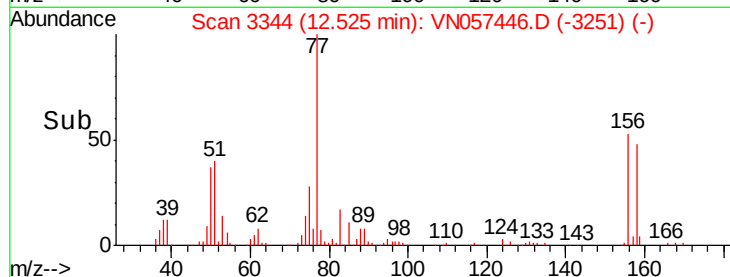
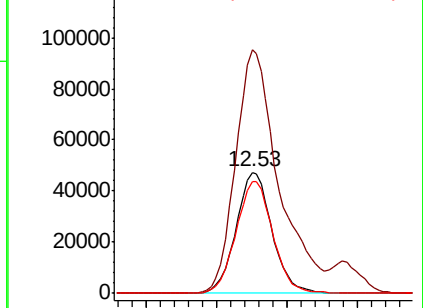
158 94.6 48.3 144.8



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: 20.855 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN057446.D

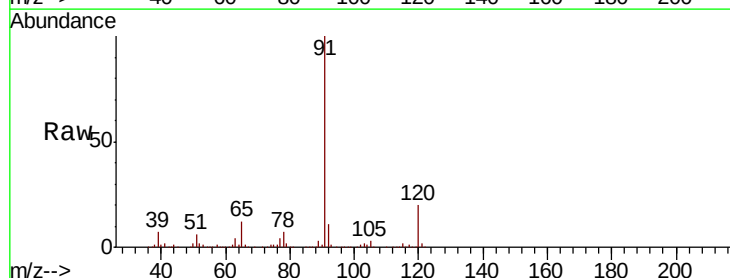
Acq: 22 Aug 2019 21:16

Tgt Ion: 91 Resp: 440753

Ion Ratio Lower Upper

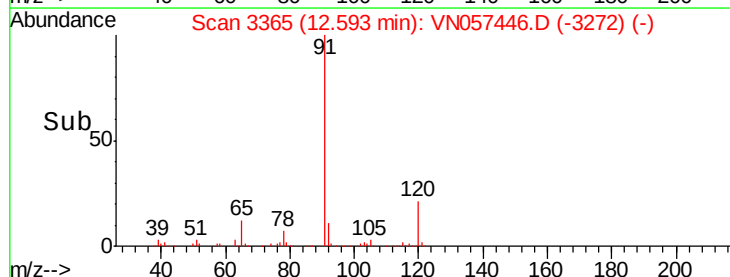
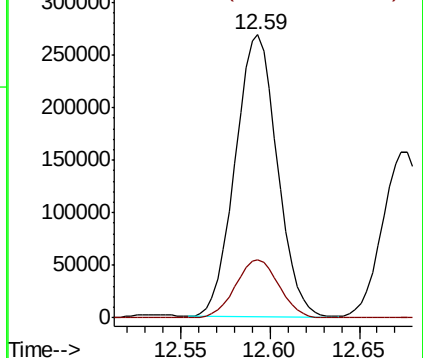
91 100

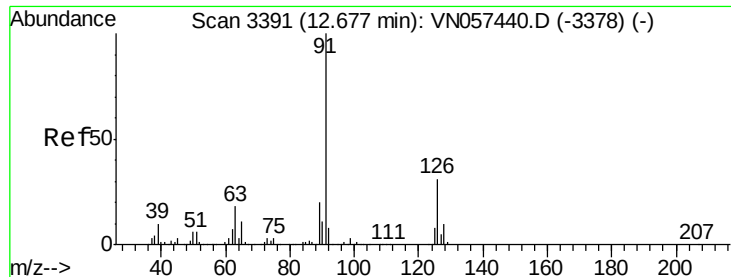
120 21.4 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.375 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

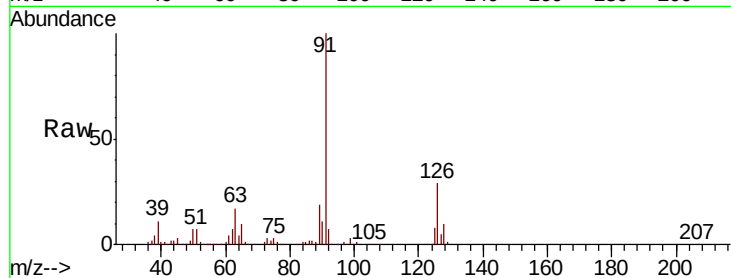
VN0822WBSD01

Tgt Ion: 91 Resp: 269044

Ion Ratio Lower Upper

91 100

126 31.1 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VN057446.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN057446.D (-3390) (-)

200000

150000

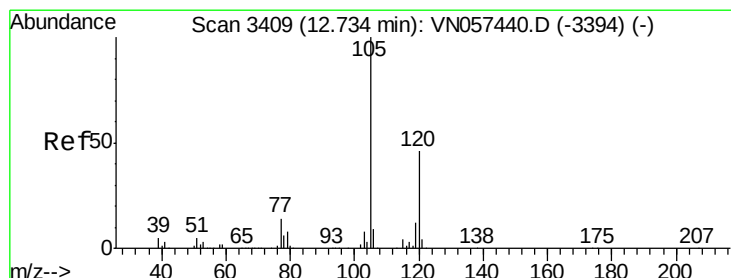
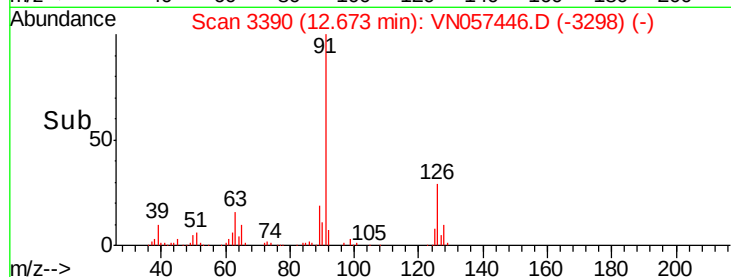
100000

50000

0

12.65 12.67 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.393 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057446.D

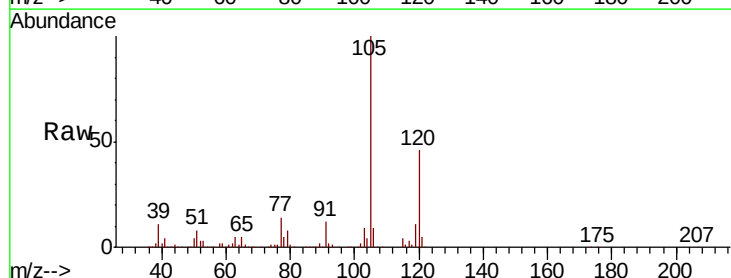
Acq: 22 Aug 2019 21:16

Tgt Ion: 105 Resp: 330965

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): VN057446.D (-3409) (-)

Ion 120.00 (119.70 to 120.70): VN057446.D (-3409) (-)

200000

150000

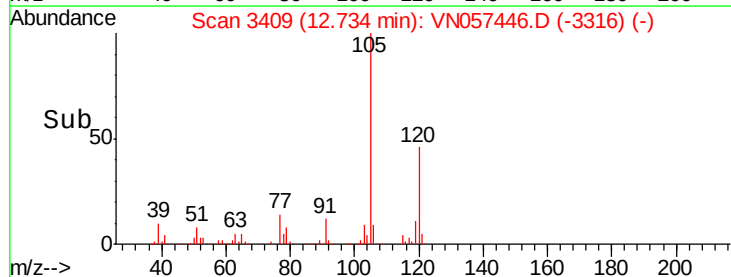
100000

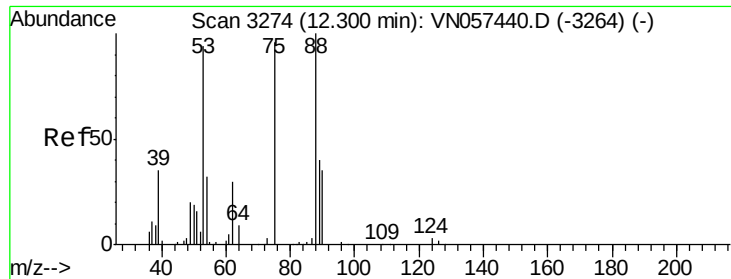
50000

0

12.70 12.73 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.466 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

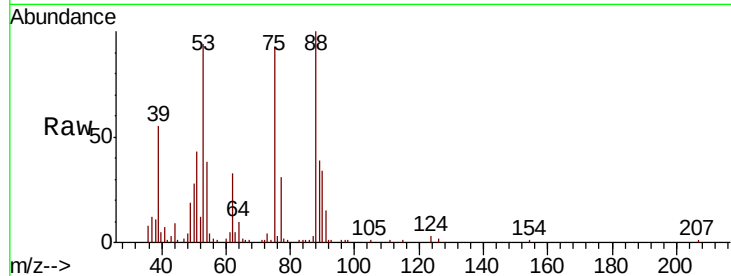
Tgt Ion: 75 Resp: 37350

Ion Ratio Lower Upper

75 100

53 103.2 82.7 124.1

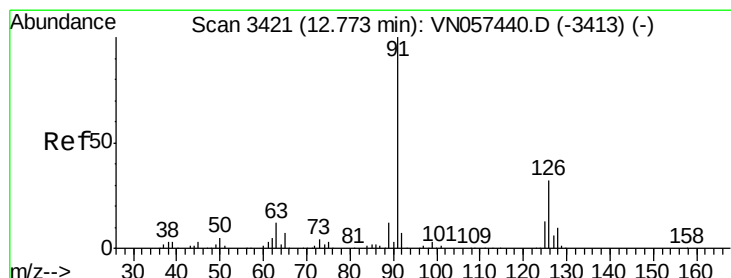
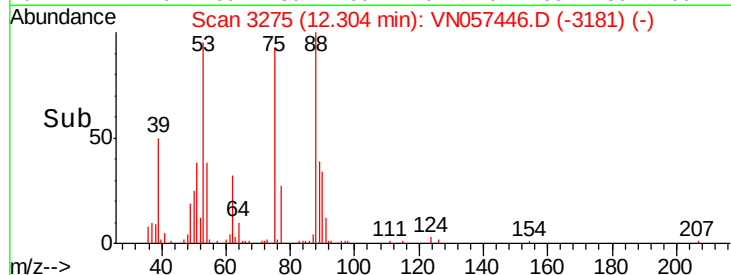
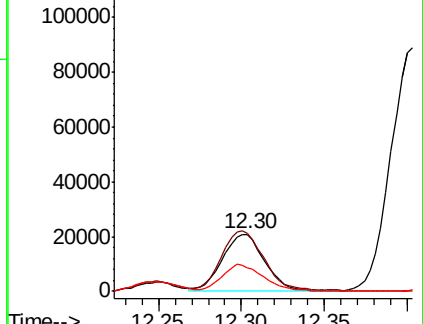
89 46.1 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.989 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057446.D

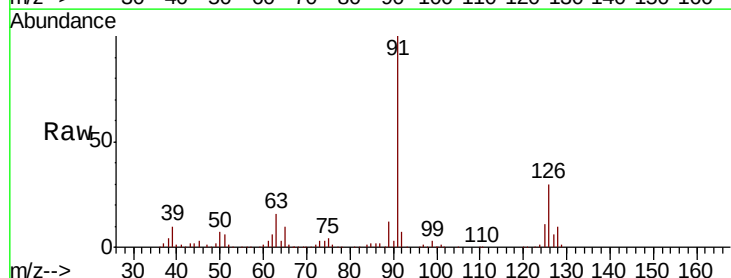
Acq: 22 Aug 2019 21:16

Tgt Ion: 91 Resp: 255787

Ion Ratio Lower Upper

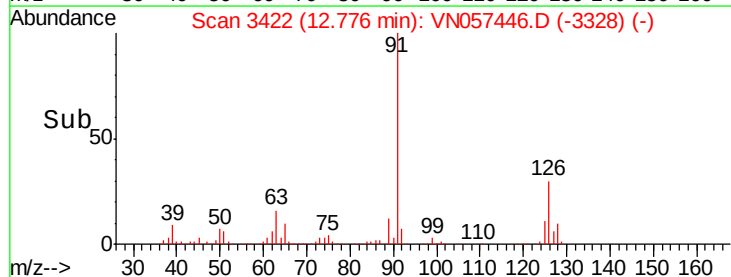
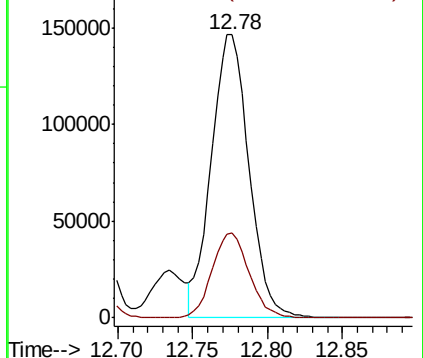
91 100

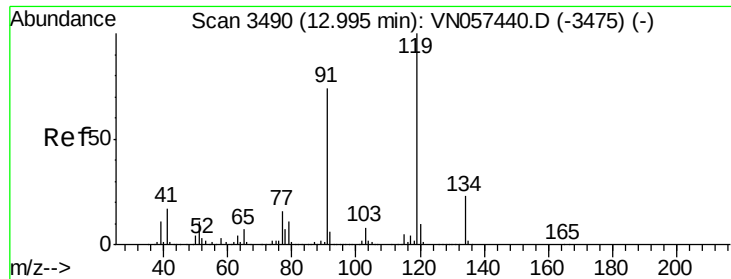
126 29.6 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

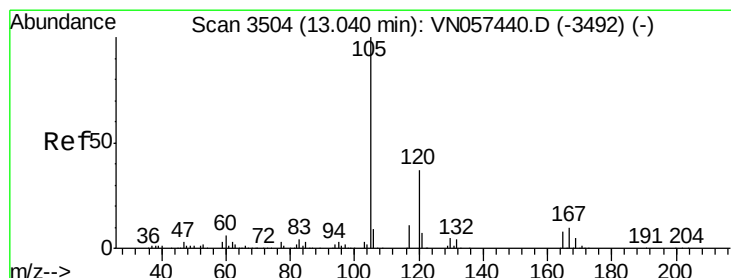
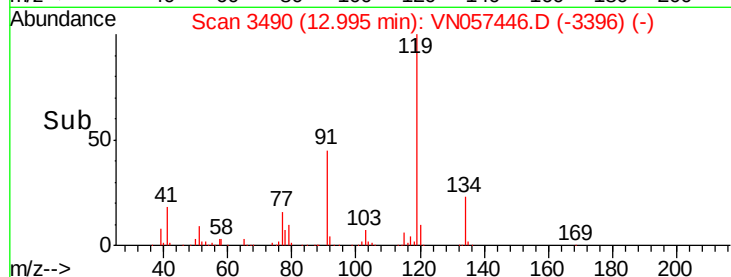
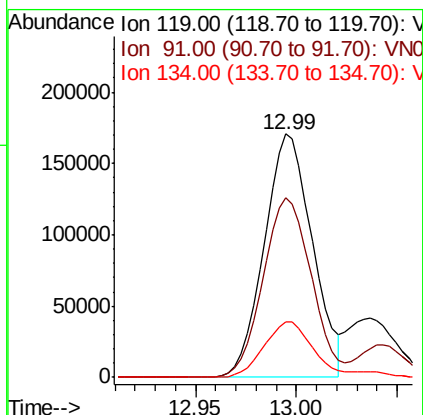
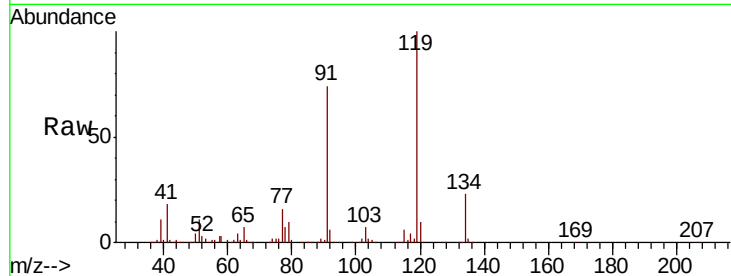




#83  
 tert-Butylbenzene  
 Concen: 21.602 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

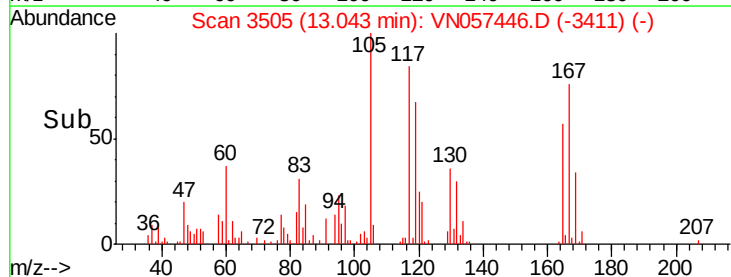
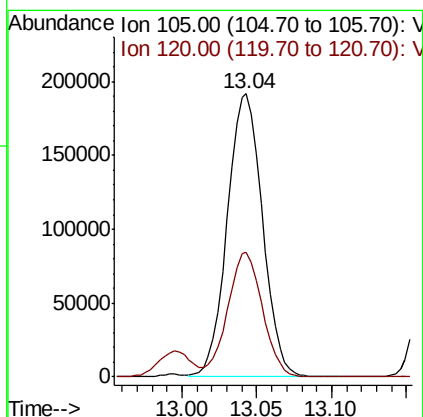
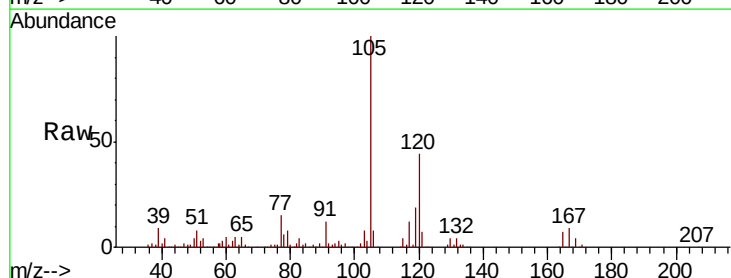
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

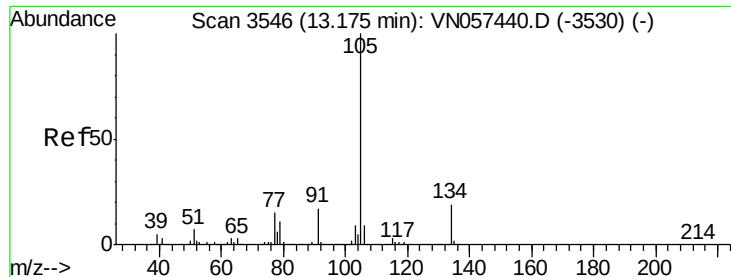
Tgt Ion:119 Resp: 283457  
 Ion Ratio Lower Upper  
 119 100  
 91 73.7 37.0 111.0  
 134 23.1 12.2 36.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.834 ug/l  
 RT: 13.04 min Scan# 3505  
 Delta R.T. 0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Tgt Ion:105 Resp: 314814  
 Ion Ratio Lower Upper  
 105 100  
 120 43.3 21.9 65.7





#85

sec-Butylbenzene

Concen: 21.323 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampled :

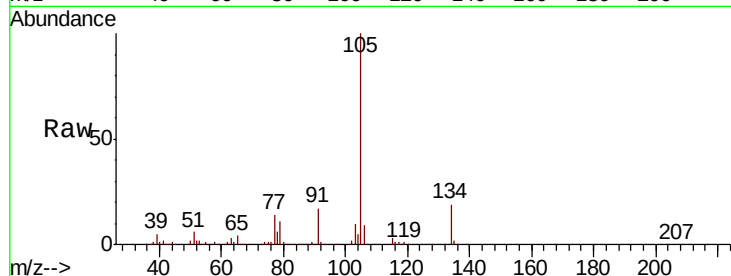
VN0822WBSD01

Tgt Ion:105 Resp: 366812

Ion Ratio Lower Upper

105 100

134 18.9 9.3 27.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

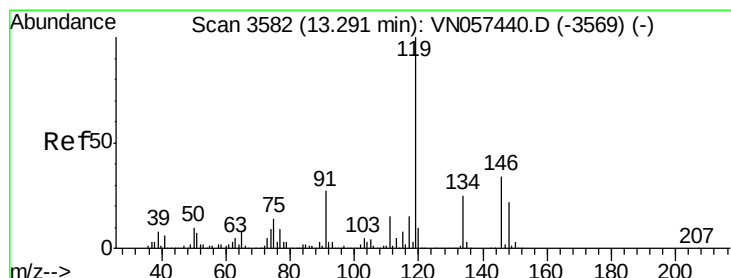
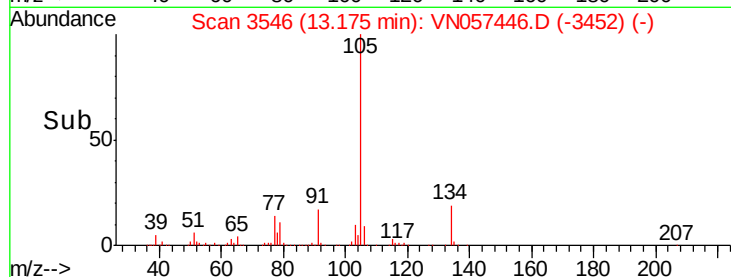
100000

50000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 19.698 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

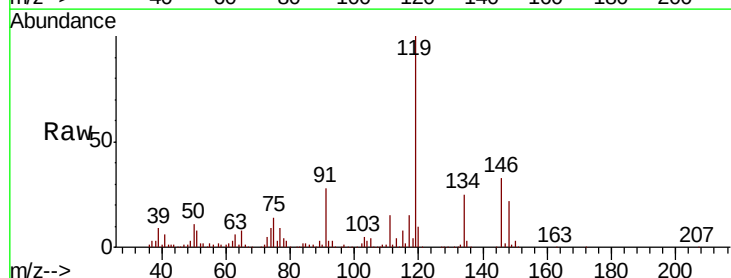
Tgt Ion:119 Resp: 299267

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.1

91 27.8 13.9 41.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

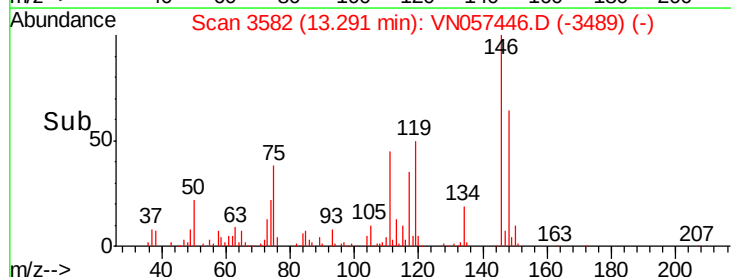
100000

50000

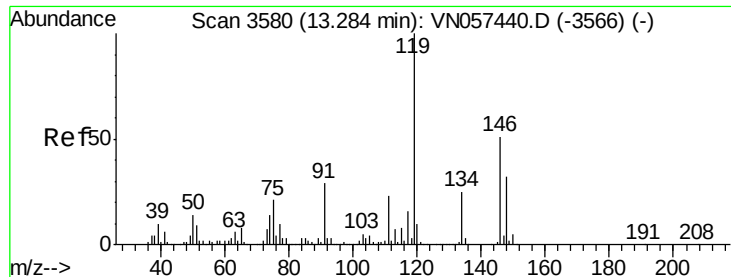
0

13.20 13.25 13.30 13.35

Time-->



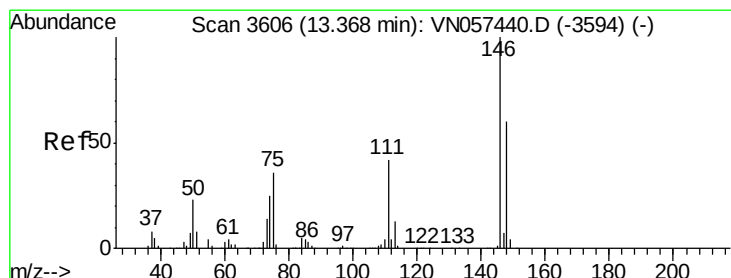
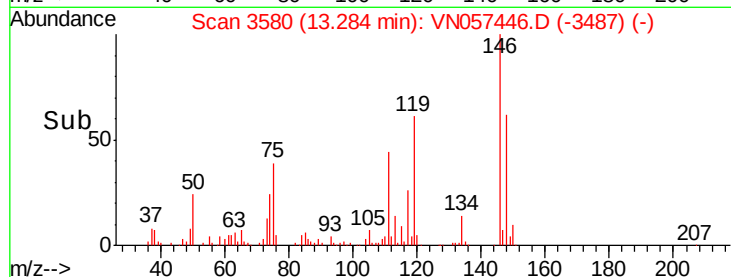
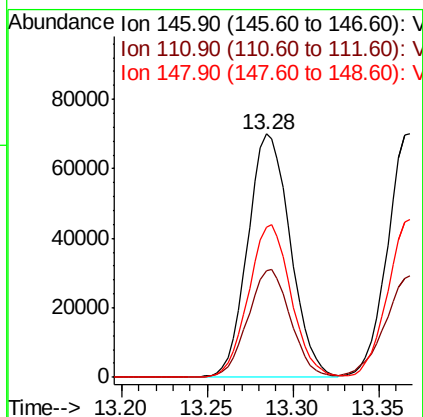
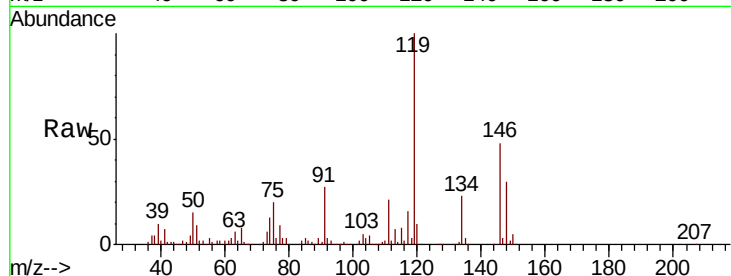




#87  
 1,3-Dichlorobenzene  
 Concen: 19.213 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

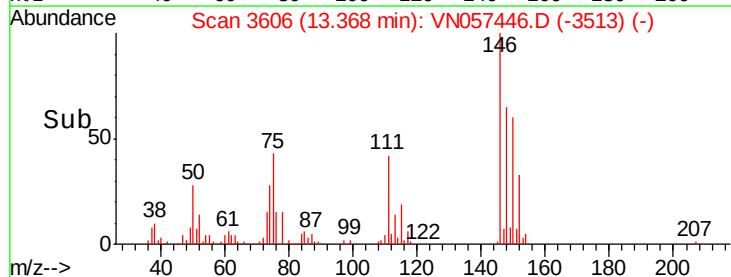
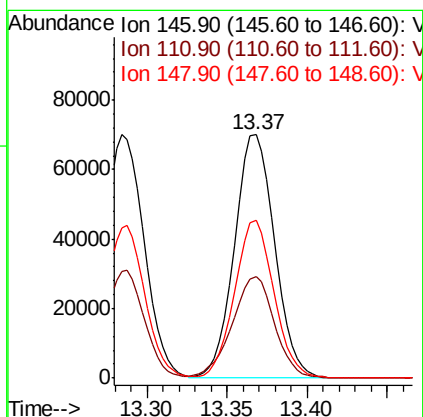
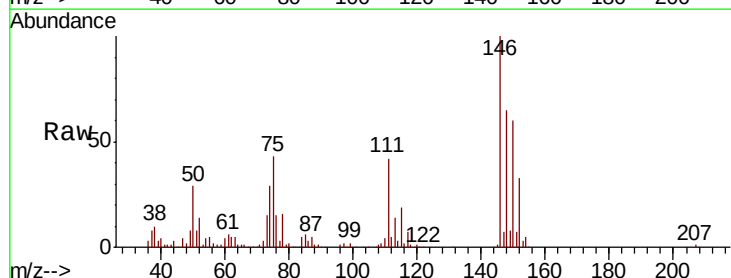
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

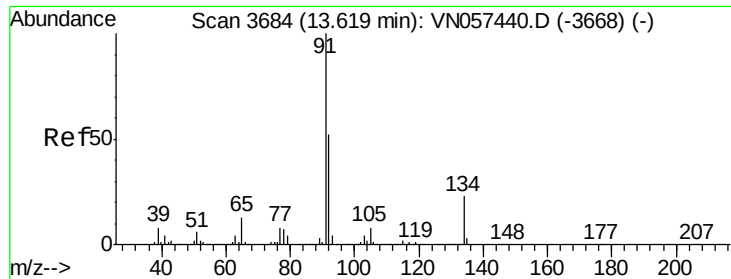
Tgt Ion:146 Resp: 120622  
 Ion Ratio Lower Upper  
 146 100  
 111 44.1 22.1 66.1  
 148 62.6 31.9 95.9



#88  
 1,4-Dichlorobenzene  
 Concen: 19.519 ug/l  
 RT: 13.37 min Scan# 3606  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Tgt Ion:146 Resp: 120008  
 Ion Ratio Lower Upper  
 146 100  
 111 44.0 21.9 65.5  
 148 63.5 31.1 93.2





#89

n-Butylbenzene

Concen: 19.676 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

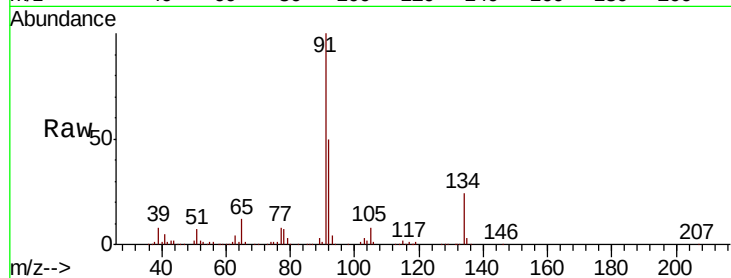
Tgt Ion: 91 Resp: 252962

Ion Ratio Lower Upper

91 100

92 51.0 25.7 77.0

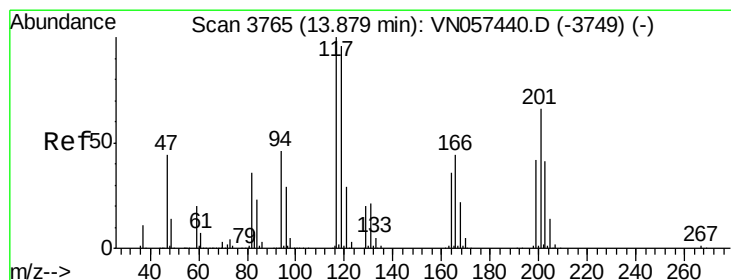
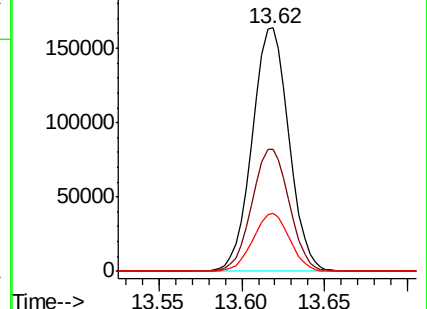
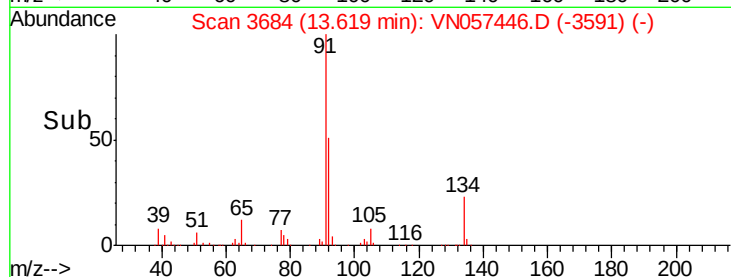
134 23.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057440.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057440.D (-3668) (-)



#90

Hexachloroethane

Concen: 21.588 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057446.D

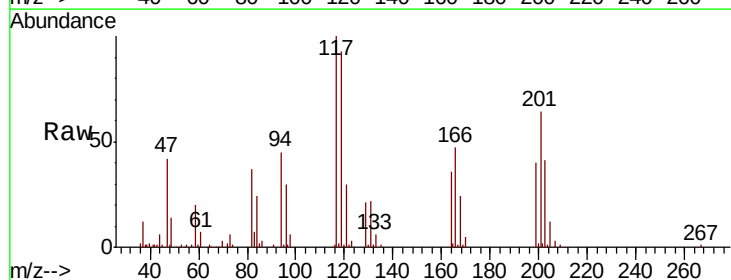
Acq: 22 Aug 2019 21:16

Tgt Ion: 117 Resp: 67103

Ion Ratio Lower Upper

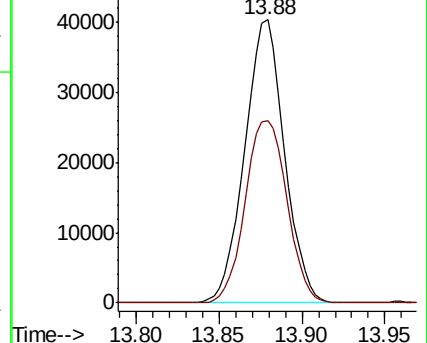
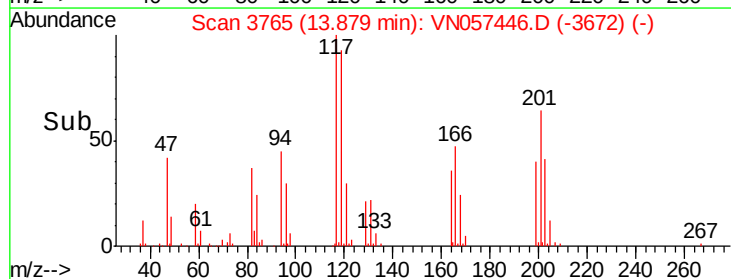
117 100

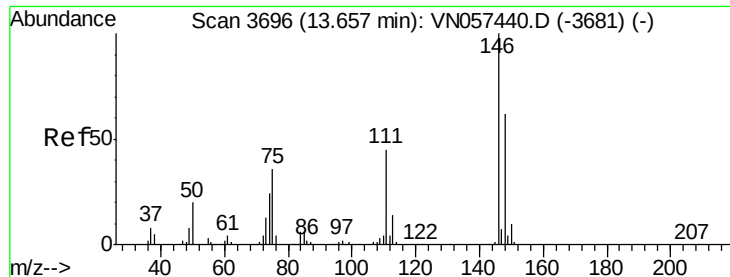
201 67.7 33.1 99.3



Abundance Ion 116.80 (116.50 to 117.50): VN057440.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN057440.D (-3749) (-)

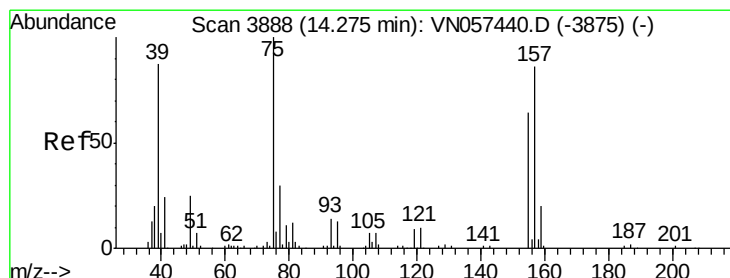
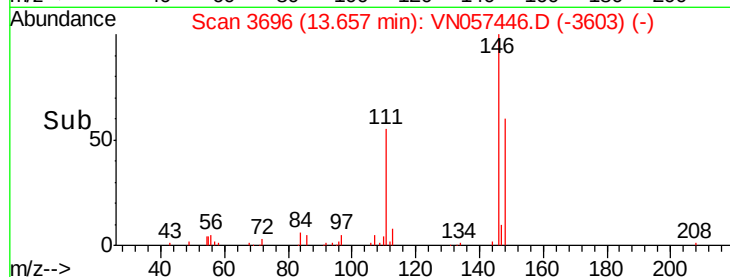
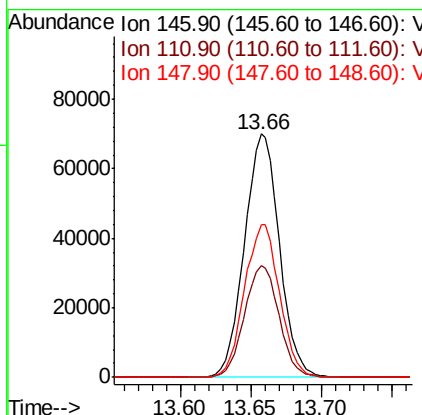
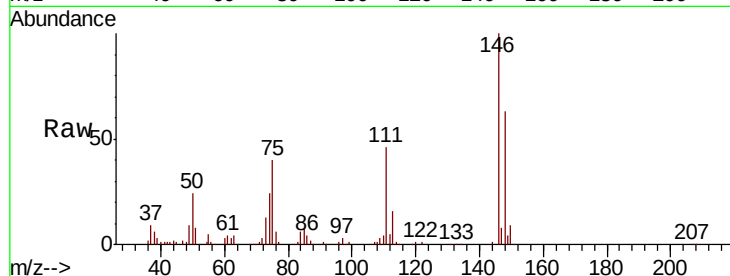




#91  
 1,2-Dichlorobenzene  
 Concen: 20.288 ug/l  
 RT: 13.66 min Scan# 3696  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

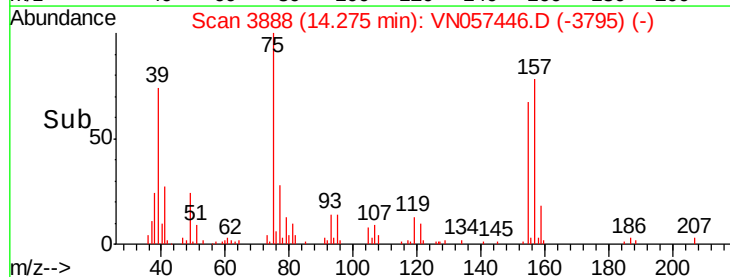
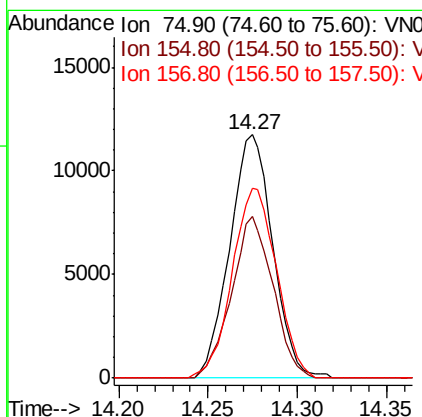
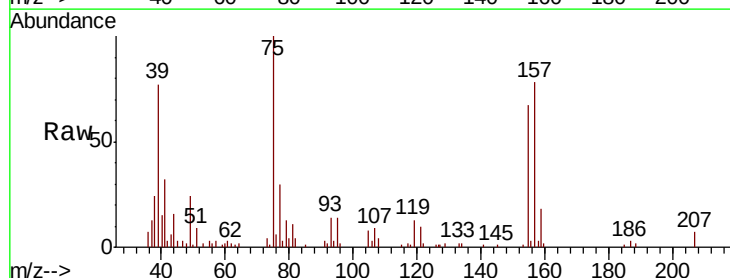
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

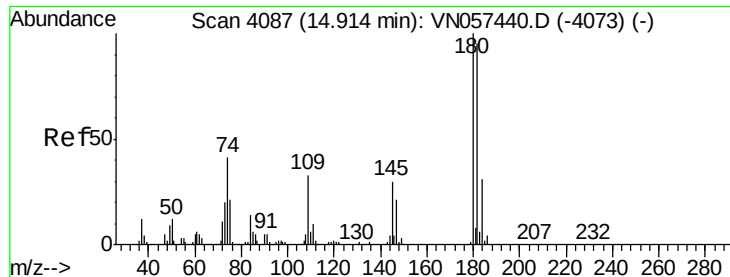
Tgt Ion:146 Resp: 121592  
 Ion Ratio Lower Upper  
 146 100  
 111 45.5 23.1 69.2  
 148 63.0 31.8 95.4



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.910 ug/l  
 RT: 14.27 min Scan# 3888  
 Delta R.T. 0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Tgt Ion: 75 Resp: 19692  
 Ion Ratio Lower Upper  
 75 100  
 155 63.9 31.6 94.7  
 157 80.1 43.3 129.8

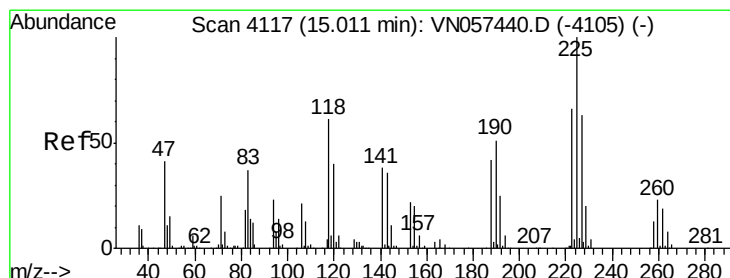
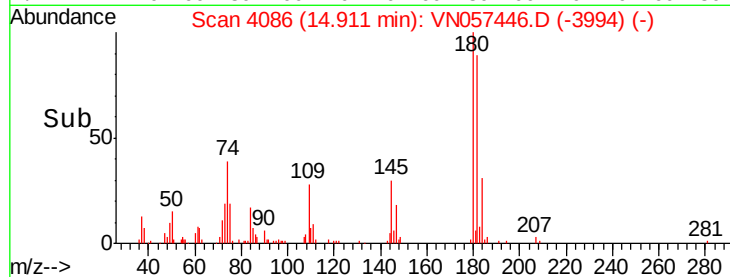
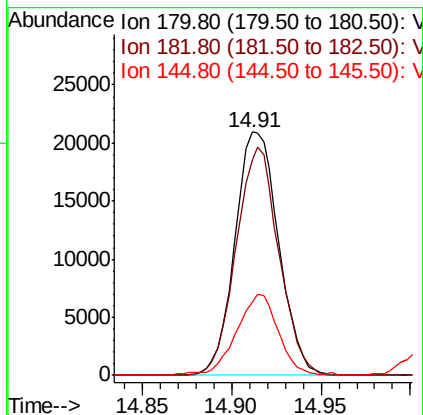
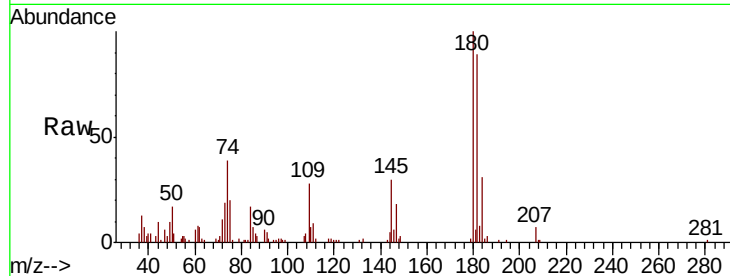




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.555 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. -0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

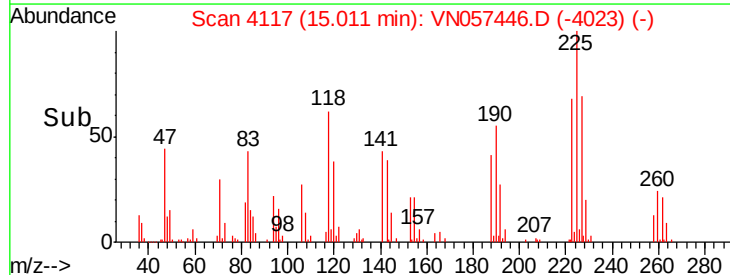
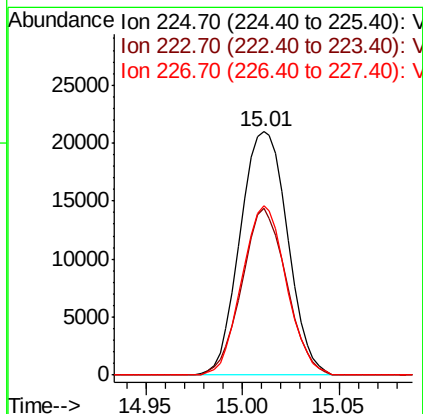
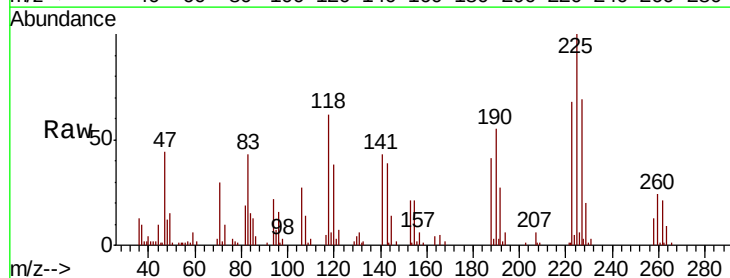
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0822WBSD01

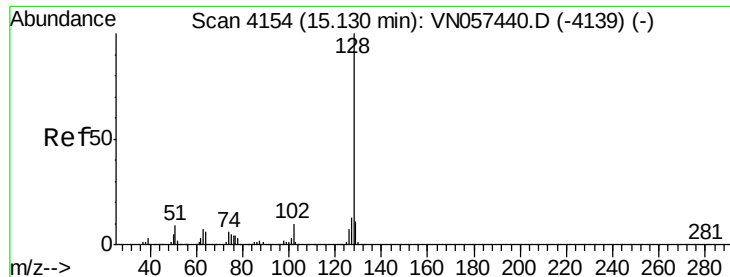
Tgt Ion:180 Resp: 35815  
 Ion Ratio Lower Upper  
 180 100  
 182 91.7 46.7 140.1  
 145 32.0 15.6 46.8



#94  
 Hexachlorobutadiene  
 Concen: 21.620 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN057446.D  
 Acq: 22 Aug 2019 21:16

Tgt Ion:225 Resp: 35806  
 Ion Ratio Lower Upper  
 225 100  
 223 64.4 32.0 96.2  
 227 65.1 31.5 94.5





#95

Naphthalene

Concen: 18.478 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0822WBSD01

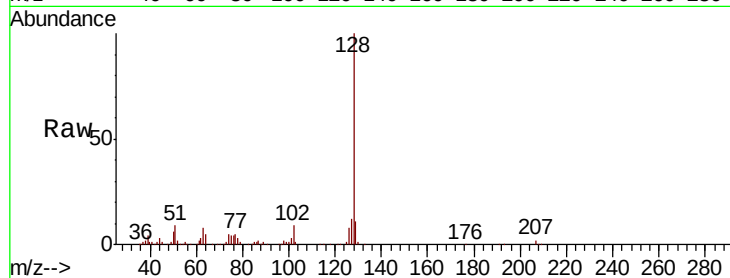
Tgt Ion:128 Resp: 119713

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

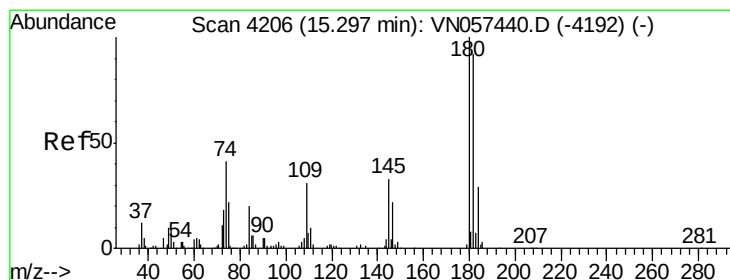
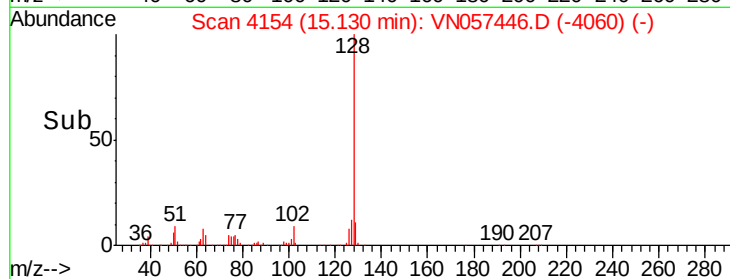
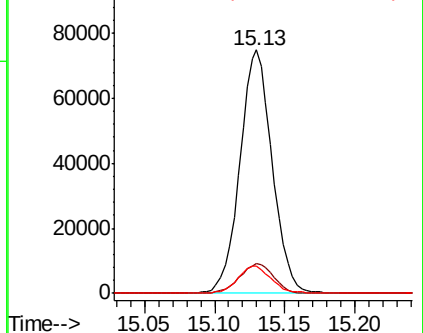
129 11.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.115 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057446.D

Acq: 22 Aug 2019 21:16

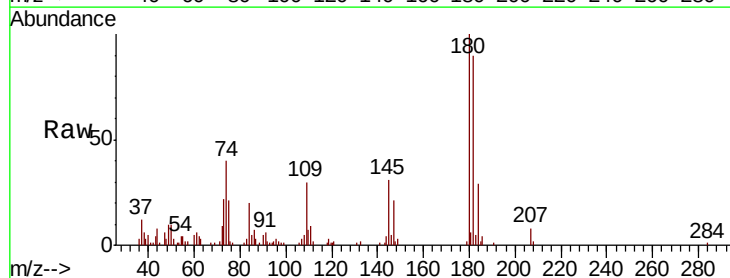
Tgt Ion:180 Resp: 35087

Ion Ratio Lower Upper

180 100

182 97.9 46.7 140.1

145 35.2 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

