

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\  
 Data File : VN054898.D  
 Acq On : 2 Apr 2019 13:39  
 Operator : JC/SP  
 Sample : VN0402WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 03 05:05:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032919W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 30 00:48:18 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 397832   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 673403   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 578174   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 232888   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 288738   | 53.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.68% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 231067   | 51.47 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.94% |          |
| 50) Toluene-d8              | 10.09 | 98   | 844308   | 50.58 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.16% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 275584   | 49.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.30%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 83224    | 20.682  | ug/l   | 100    |
| 3) Chloromethane              | 2.06 | 50   | 114801   | 20.633  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.19 | 62   | 105258   | 21.066  | ug/l   | 99     |
| 5) Bromomethane               | 2.58 | 94   | 59122    | 21.277  | ug/l   | 98     |
| 6) Chloroethane               | 2.71 | 64   | 59152    | 21.201  | ug/l   | 94     |
| 7) Trichlorofluoromethane     | 3.03 | 101  | 135383   | 22.039  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.41 | 74   | 44954    | 22.726  | ug/l   | 68     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101  | 71655    | 22.158  | ug/l   | 92     |
| 10) Methyl Iodide             | 3.94 | 142  | 93192    | 21.051  | ug/l # | 89     |
| 11) Tert butyl alcohol        | 4.82 | 59   | 34911    | 124.943 | ug/l # | 70     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 70226    | 22.456  | ug/l # | 74     |
| 13) Acrolein                  | 3.61 | 56   | 26675    | 106.788 | ug/l   | 94     |
| 14) Allyl chloride            | 4.32 | 41   | 164560   | 21.364  | ug/l # | 93     |
| 15) Acrylonitrile             | 5.00 | 53   | 176437   | 113.605 | ug/l   | 99     |
| 16) Acetone                   | 3.82 | 43   | 133070   | 104.054 | ug/l # | 78     |
| 17) Carbon Disulfide          | 4.04 | 76   | 198580   | 19.578  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.33 | 43   | 81757    | 24.068  | ug/l # | 88     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 245200   | 22.415  | ug/l   | 95     |
| 20) Methylene Chloride        | 4.54 | 84   | 98012    | 21.727  | ug/l # | 83     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 87448    | 21.290  | ug/l   | 87     |
| 22) Diisopropyl ether         | 5.96 | 45   | 340846   | 22.373  | ug/l # | 94     |
| 23) Vinyl Acetate             | 5.90 | 43   | 1188838  | 112.135 | ug/l # | 91     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 184209   | 22.667  | ug/l   | 97     |
| 25) 2-Butanone                | 6.85 | 43   | 219794   | 116.269 | ug/l # | 88     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 118564   | 20.816  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 99872    | 21.523  | ug/l   | 85     |
| 28) Bromochloromethane        | 7.19 | 49   | 93841    | 23.093  | ug/l # | 71     |
| 29) Tetrahydrofuran           | 7.22 | 42   | 145376   | 110.723 | ug/l # | 85     |
| 30) Chloroform                | 7.37 | 83   | 173833   | 22.432  | ug/l   | 100    |
| 31) Cyclohexane               | 7.65 | 56   | 172252   | 22.113  | ug/l   | 87     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 142450   | 22.182  | ug/l # | 95     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 127164   | 20.266  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.94 | 43   | 98237    | 21.349  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 123902   | 20.330  | ug/l   | 99     |

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 Sample : VN0402WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 03 05:05:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032919W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 30 00:48:18 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 141414   | 20.499  | ug/l   | 88       |
| 40) Benzene                    | 8.04  | 78   | 393330   | 21.907  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 52426    | 20.282  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 140838   | 21.969  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 165486   | 22.133  | ug/l # | 94       |
| 44) Trichloroethene            | 8.83  | 130  | 100206   | 21.500  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 110050   | 21.496  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 63509    | 22.052  | ug/l   | 87       |
| 47) Bromodichloromethane       | 9.40  | 83   | 133411   | 22.289  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.20  | 41   | 81980    | 20.227  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 18773    | 466.822 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 467517   | 111.218 | ug/l   | 93       |
| 52) Toluene                    | 10.16 | 92   | 225899   | 21.144  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 115996   | 20.602  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 144384   | 21.468  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 84616    | 21.300  | ug/l   | 93       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 110346   | 21.175  | ug/l # | 82       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 150084   | 21.975  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 200893   | 96.141  | ug/l   | 89       |
| 59) 2-Hexanone                 | 10.75 | 43   | 283059   | 105.188 | ug/l   | 92       |
| 60) Dibromochloromethane       | 10.90 | 129  | 87490    | 21.741  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 80532    | 21.213  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 95934    | 21.623  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 236119   | 20.859  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 89282    | 21.072  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.51 | 91   | 423743   | 20.744  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.62 | 106  | 307717   | 40.706  | ug/l   | 91       |
| 69) o-Xylene                   | 11.95 | 106  | 151124   | 20.387  | ug/l   | 91       |
| 70) Styrene                    | 11.96 | 104  | 250283   | 21.117  | ug/l   | 96       |
| 71) Bromoform                  | 12.13 | 173  | 50991    | 20.542  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 413118   | 21.703  | ug/l   | 97       |
| 74) N-amyl acetate             | 12.07 | 43   | 120735   | 20.359  | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 105432   | 24.243  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 117696   | 29.091  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 98617    | 21.466  | ug/l   | 85       |
| 78) n-propylbenzene            | 12.59 | 91   | 447738   | 21.400  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 277587   | 21.446  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 326439   | 20.900  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 20258    | 19.477  | ug/l # | 78       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 259797   | 20.665  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 286670   | 22.542  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 324017   | 21.775  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 362857   | 21.386  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 314346   | 21.006  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 157791   | 20.515  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 150636   | 19.968  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.61 | 91   | 247243   | 20.250  | ug/l   | 96       |
| 90) Hexachloroethane           | 13.87 | 117  | 52170    | 20.533  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 157777   | 20.325  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 14625    | 22.474  | ug/l   | 77       |

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Sample : VN0402WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Apr 03 05:05:30 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032919W.M  
Quant Title : SW846 8260  
QLast Update : Sat Mar 30 00:48:18 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 68968    | 18.429 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 49687    | 21.207 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 157673   | 18.785 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 72426    | 19.163 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

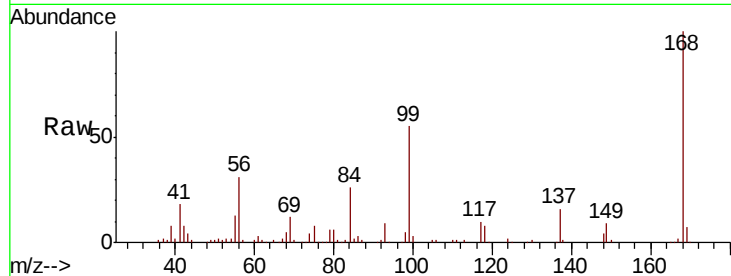
ClientSampleId :

Tot Ion:168 Resp: 397832

Ion Ratio Lower Upper

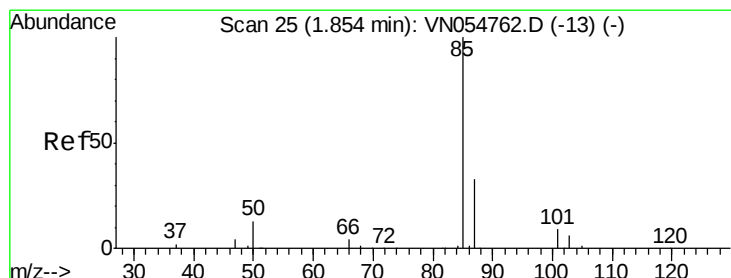
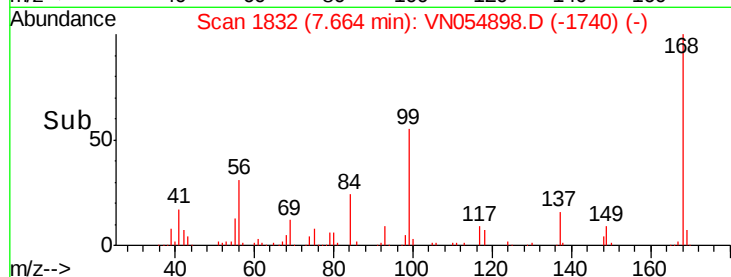
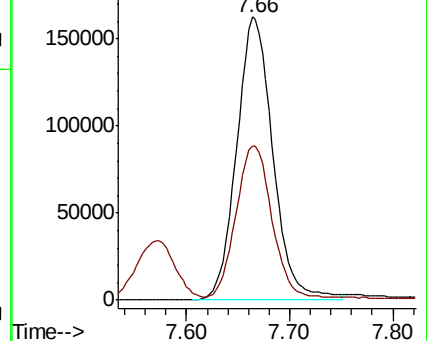
168 100

99 53.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 20.682 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054898.D

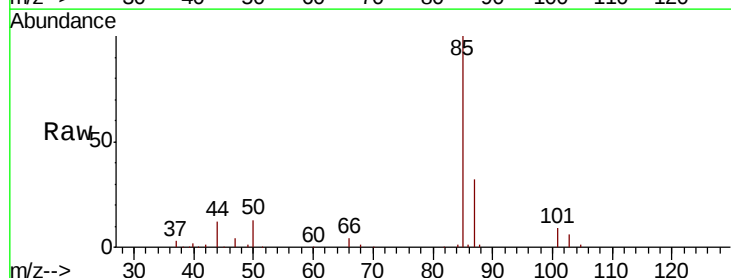
Acq: 2 Apr 2019 13:39

Tgt Ion: 85 Resp: 83224

Ion Ratio Lower Upper

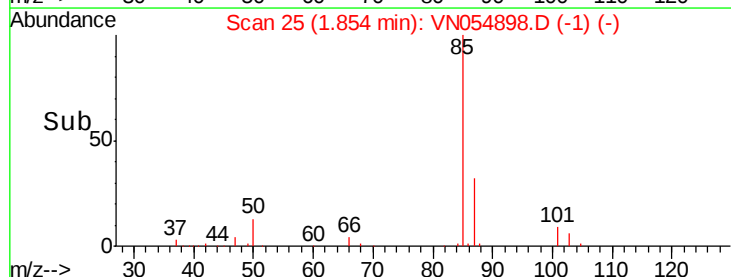
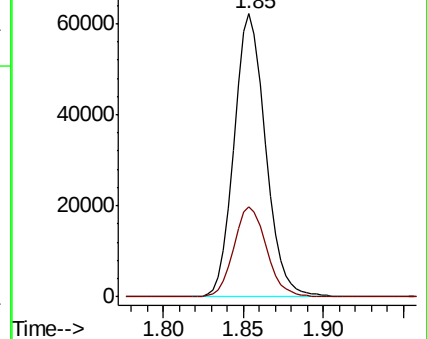
85 100

87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

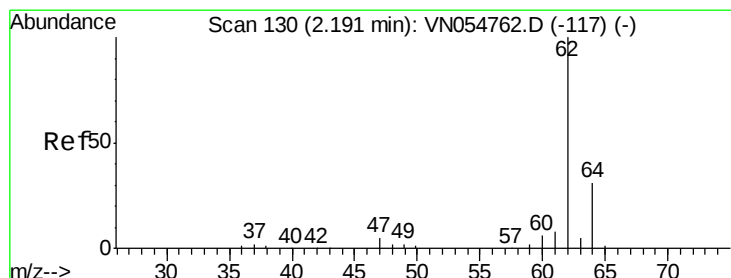
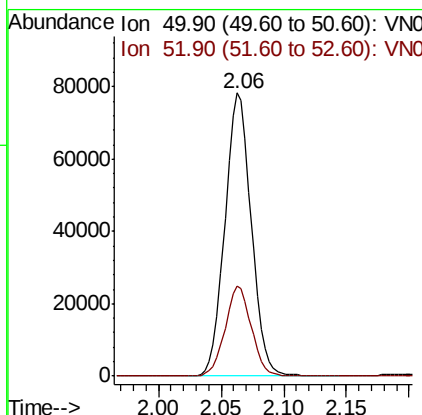
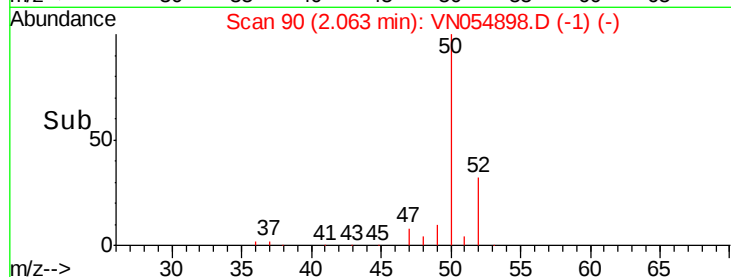
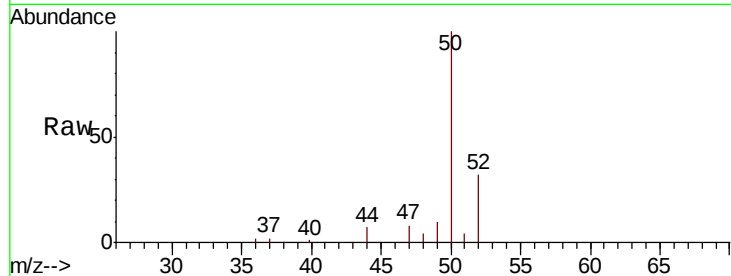




#3  
 Chloromethane  
 Concen: 20.633 ug/l  
 RT: 2.06 min Scan# 90  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

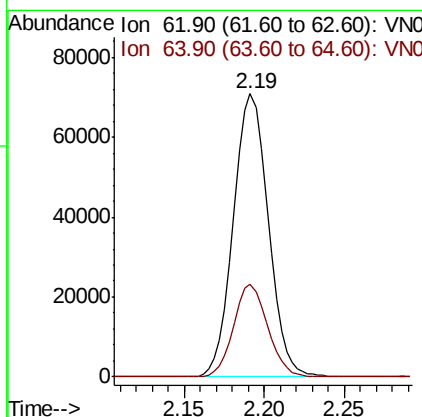
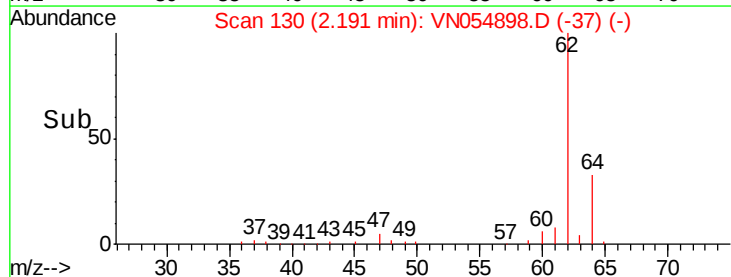
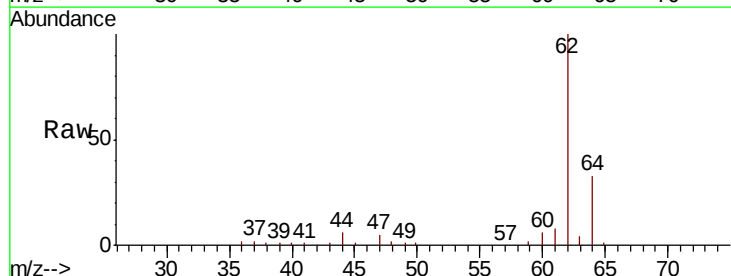
Instrument :  
 MSVOA\_N  
 ClientSampleId :

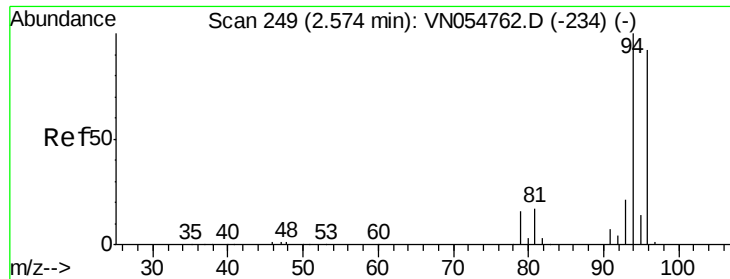
Tot Ion: 50 Resp: 114801  
 Ion Ratio Lower Upper  
 50 100  
 52 32.0 26.4 39.6



#4  
 Vinyl Chloride  
 Concen: 21.066 ug/l  
 RT: 2.19 min Scan# 130  
 Delta R.T. -0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

Tgt Ion: 62 Resp: 105258  
 Ion Ratio Lower Upper  
 62 100  
 64 32.6 25.5 38.3

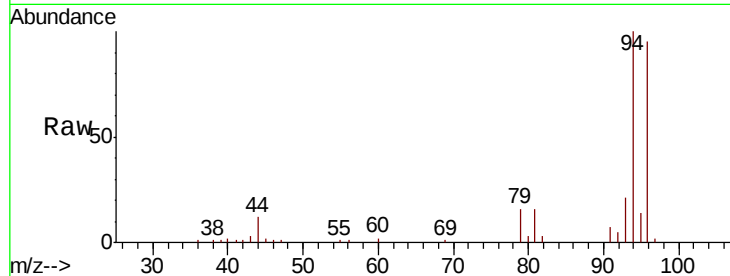




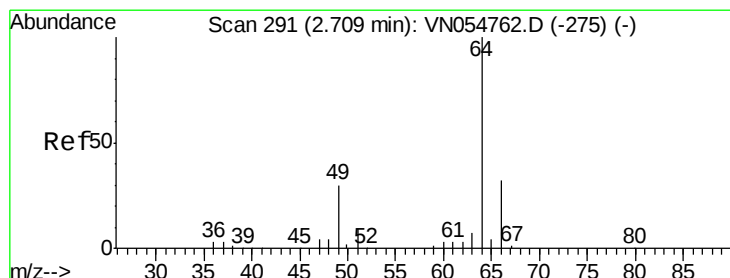
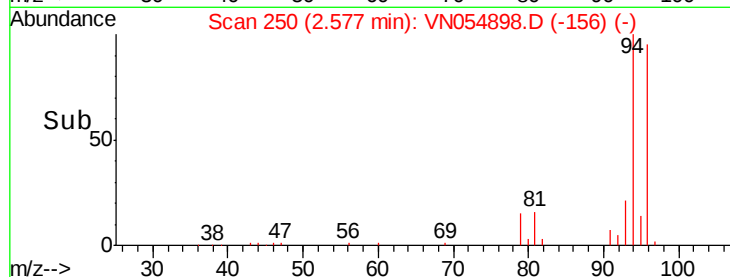
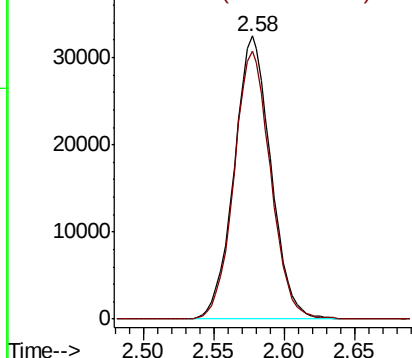
#5  
Bromomethane  
Concen: 21.277 ug/l  
RT: 2.58 min Scan# 250  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 94 Resp: 59122  
Ion Ratio Lower Upper  
94 100  
96 94.7 77.0 115.4

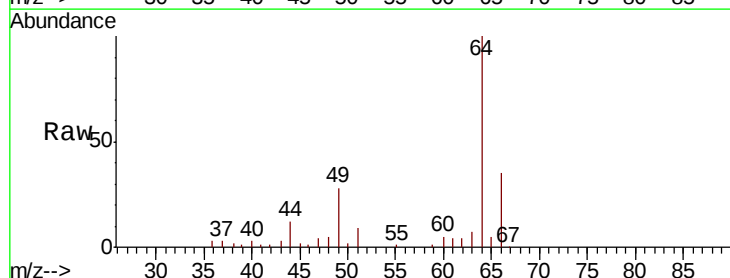


Abundance Ion 93.90 (93.60 to 94.60): VN0  
Ion 95.90 (95.60 to 96.60): VN0

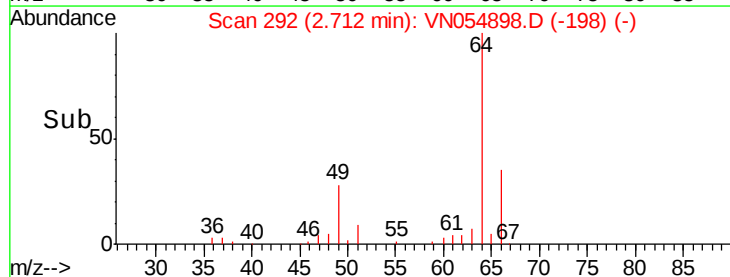
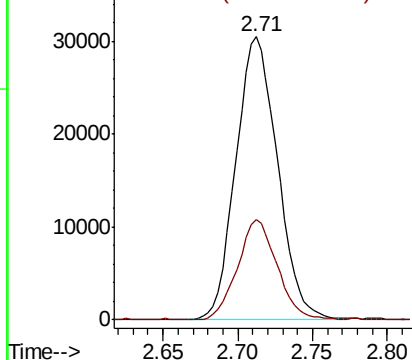


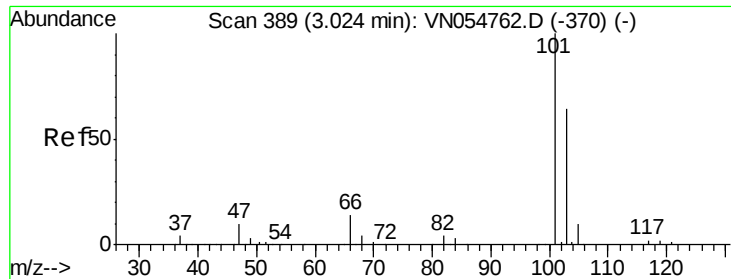
#6  
Chloroethane  
Concen: 21.201 ug/l  
RT: 2.71 min Scan# 292  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 64 Resp: 59152  
Ion Ratio Lower Upper  
64 100  
66 35.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0  
Ion 65.90 (65.60 to 66.60): VN0



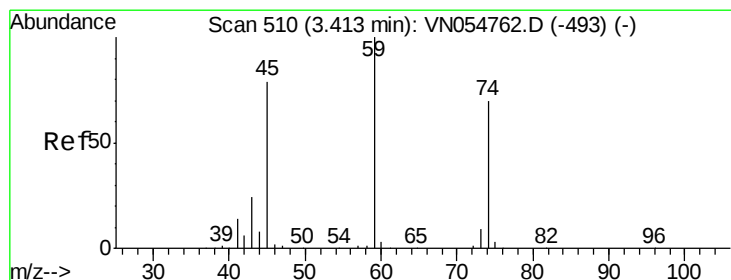
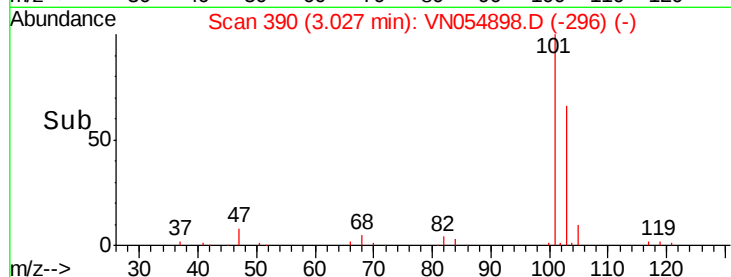
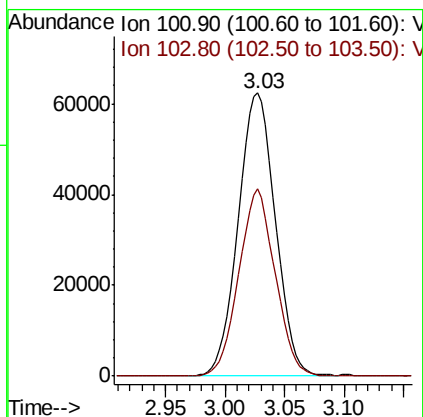
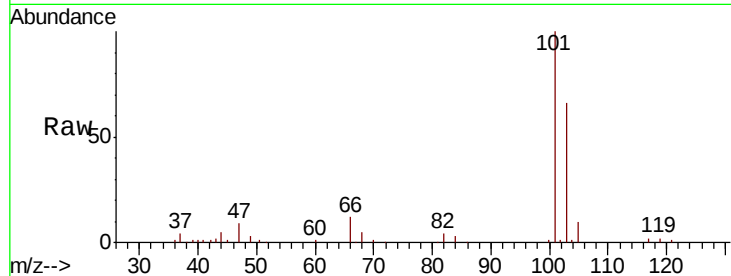


#7

Trichlorofluoromethane  
Concen: 22.039 ug/l  
RT: 3.03 min Scan# 390  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Instrument :  
MSVOA\_N  
ClientSampleId :

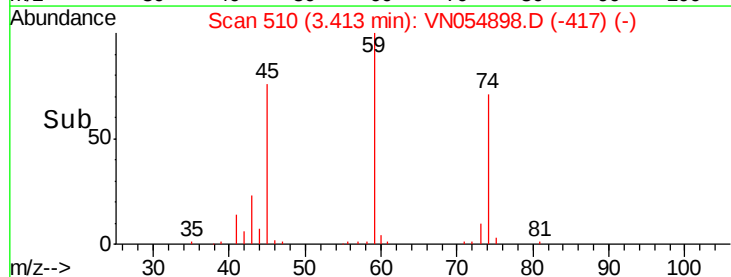
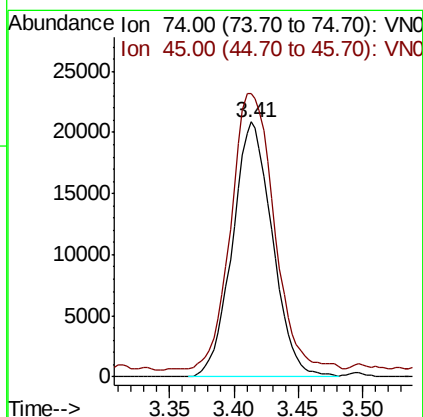
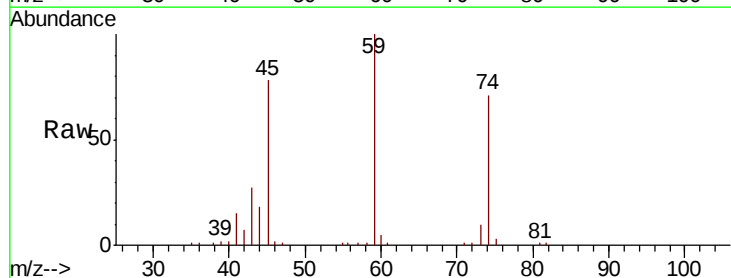
Tot Ion:101 Resp: 135383  
Ion Ratio Lower Upper  
101 100  
103 66.2 51.4 77.2

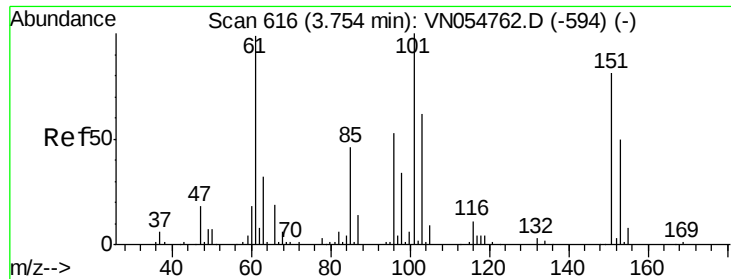


#8

Diethyl Ether  
Concen: 22.726 ug/l  
RT: 3.41 min Scan# 510  
Delta R.T. -0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 74 Resp: 44954  
Ion Ratio Lower Upper  
74 100  
45 116.1 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.158 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

ClientSampleId :

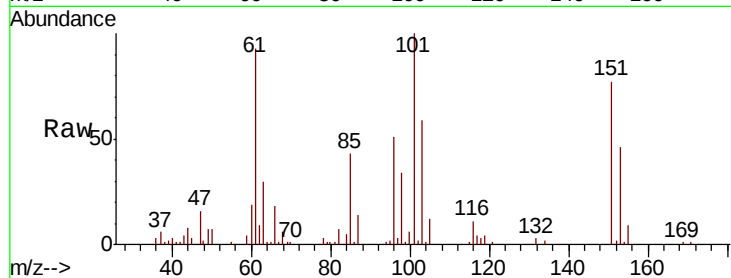
Tot Ion:101 Resp: 71655

Ion Ratio Lower Upper

101 100

85 45.8 32.4 48.6

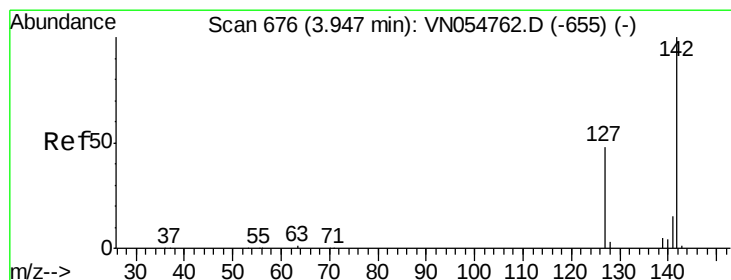
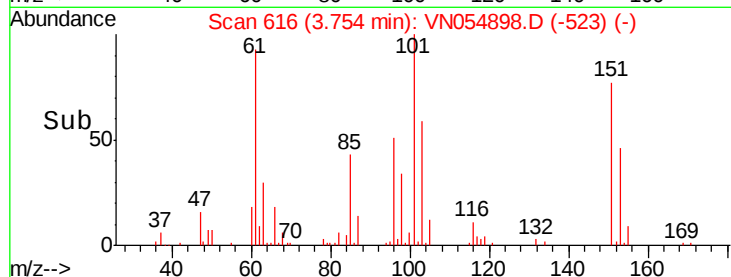
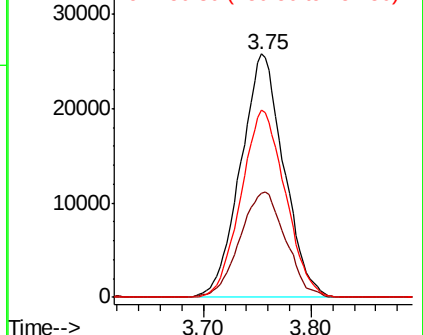
151 78.8 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.051 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

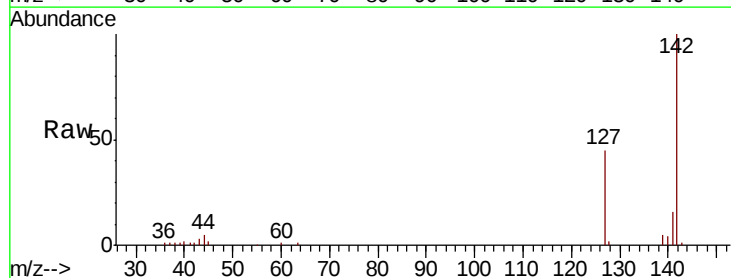
Tgt Ion:142 Resp: 93192

Ion Ratio Lower Upper

142 100

127 46.5 30.3 45.5#

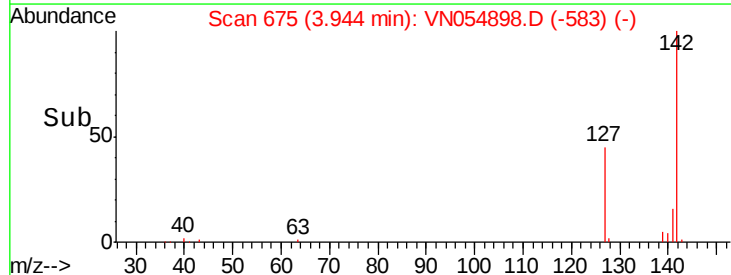
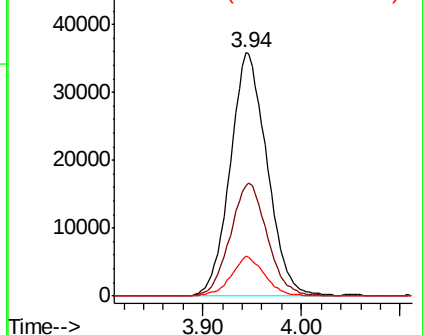
141 14.7 11.2 16.8

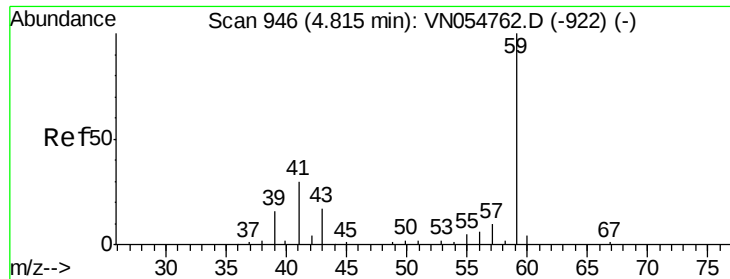


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

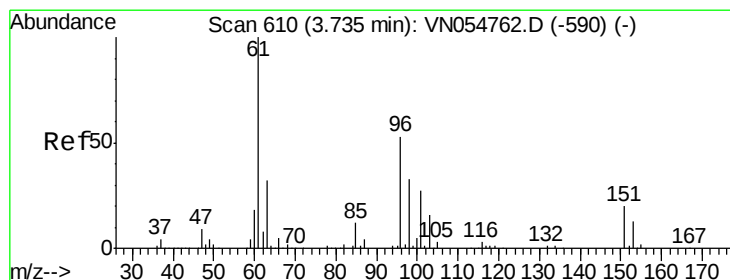
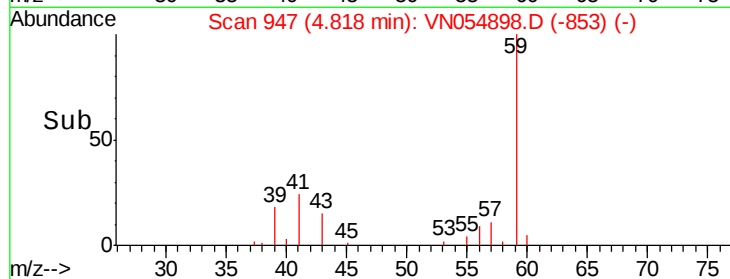
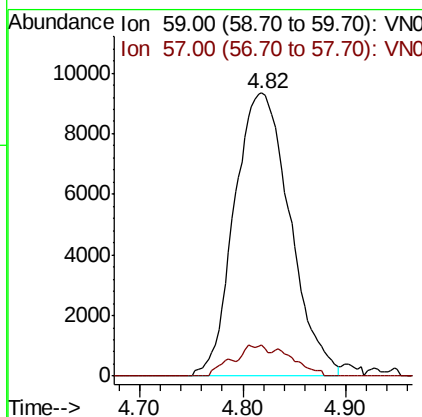
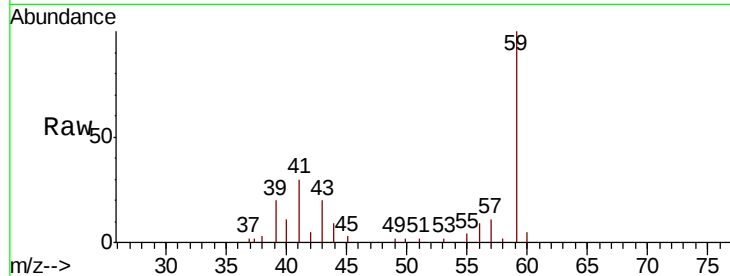




#11  
Tert butyl alcohol  
Concen: 124.943 ug/l  
RT: 4.82 min Scan# 947  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

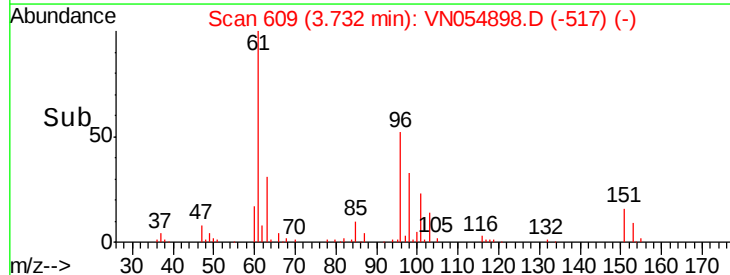
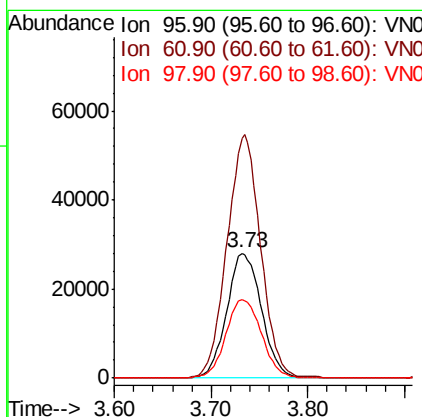
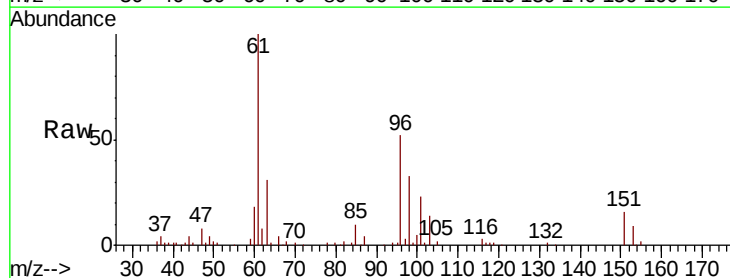
Instrument :  
MSVOA\_N  
ClientSampled :

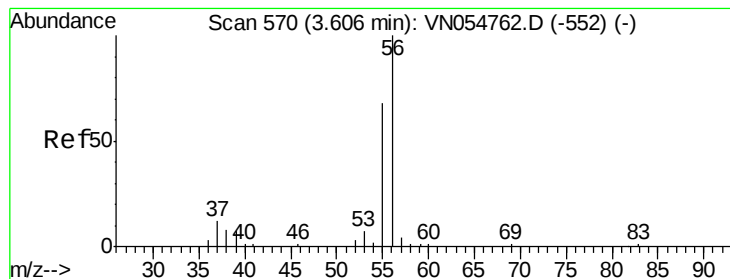
Tot Ion: 59 Resp: 34911  
Ion Ratio Lower Upper  
59 100  
57 0.0 9.0 13.6#



#12  
1,1-Dichloroethene  
Concen: 22.456 ug/l  
RT: 3.73 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 96 Resp: 70226  
Ion Ratio Lower Upper  
96 100  
61 192.0 116.5 174.7#  
98 62.8 51.0 76.4





#13

Acrolein

Concen: 106.788 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

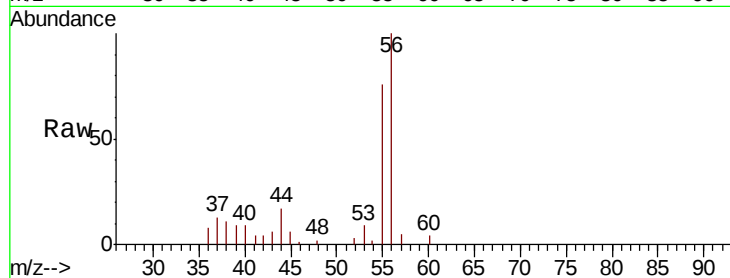
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 26675

Ion Ratio Lower Upper

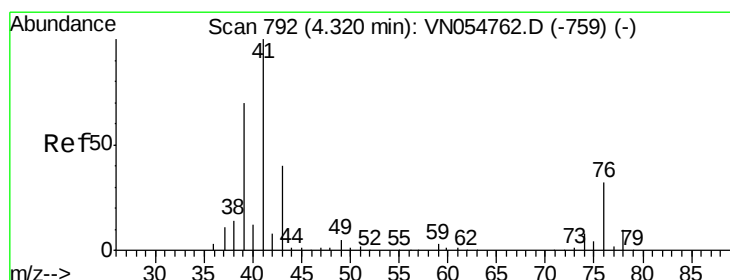
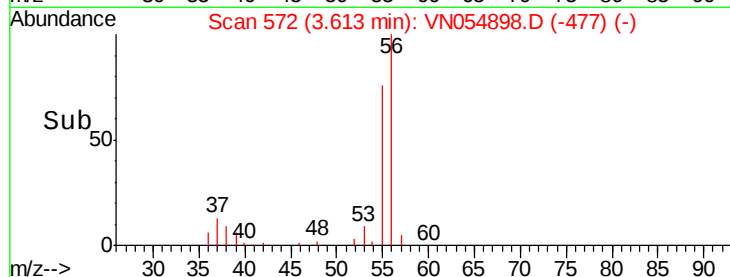
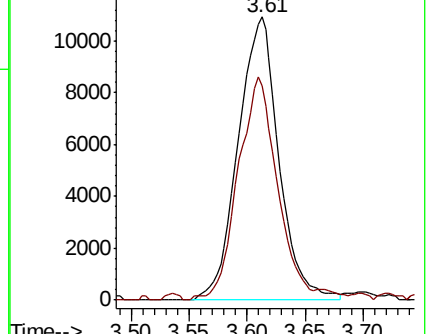
56 100

55 75.6 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 21.364 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

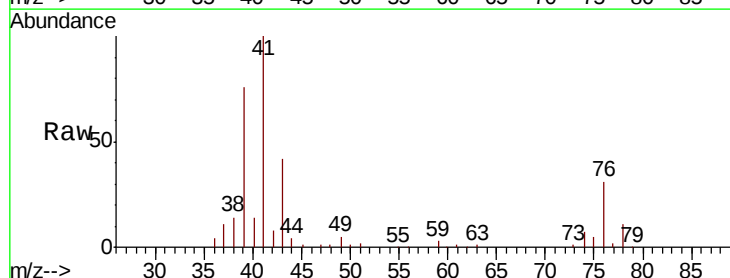
Tgt Ion: 41 Resp: 164560

Ion Ratio Lower Upper

41 100

39 71.5 58.2 87.4

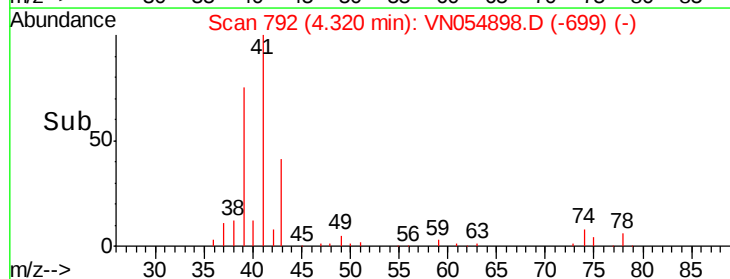
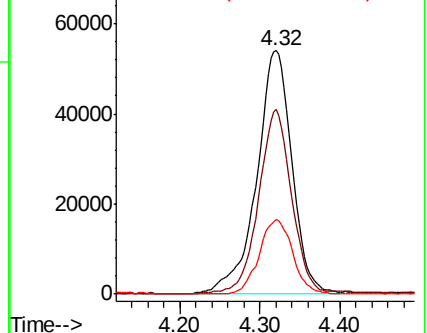
76 28.9 31.7 47.5#

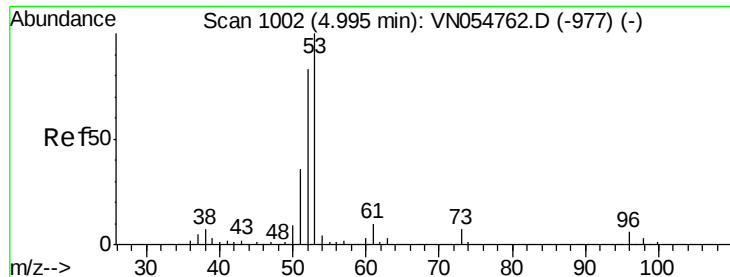


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 113.605 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

ClientSampleId :

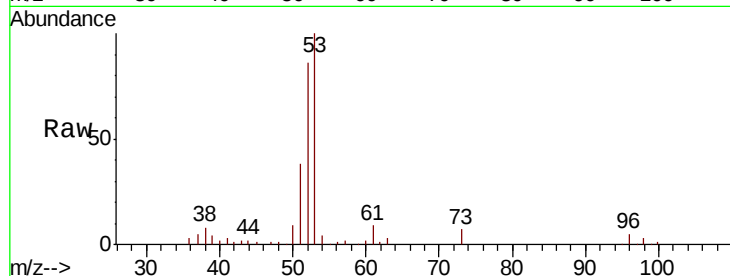
Tot Ion: 53 Resp: 176437

Ion Ratio Lower Upper

53 100

52 81.9 66.4 99.6

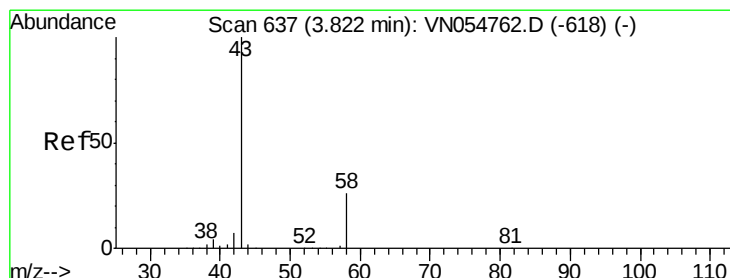
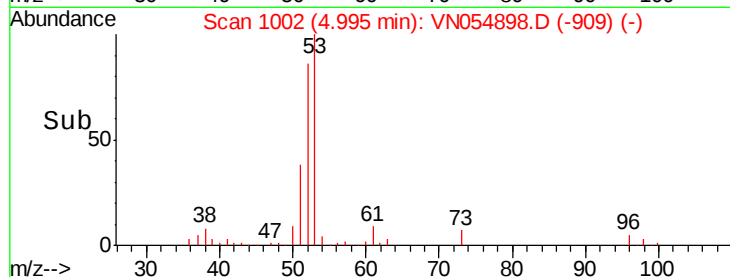
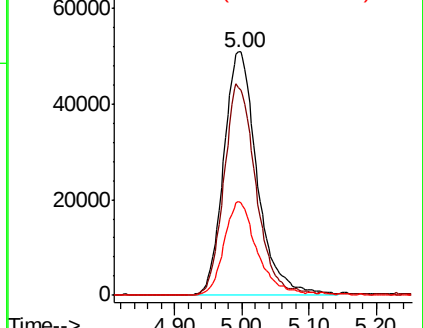
51 37.8 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN054762.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN054762.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN054762.D (-977) (-)



#16

Acetone

Concen: 104.054 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054898.D

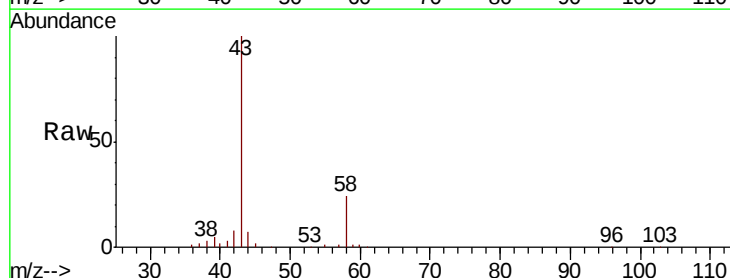
Acq: 2 Apr 2019 13:39

Tgt Ion: 43 Resp: 133070

Ion Ratio Lower Upper

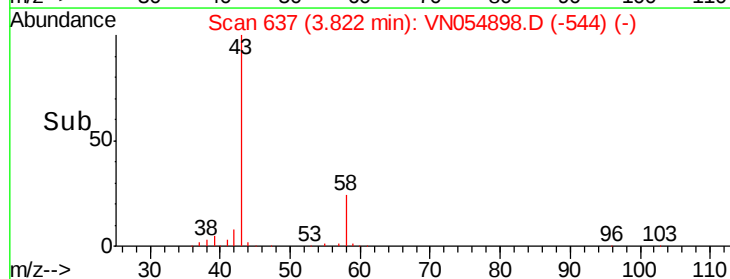
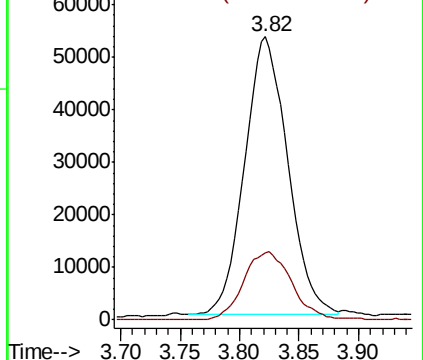
43 100

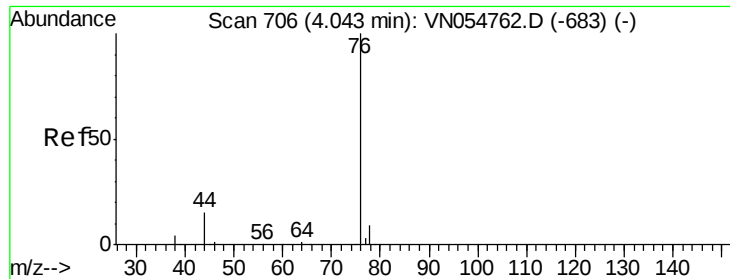
58 24.3 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-618) (-)

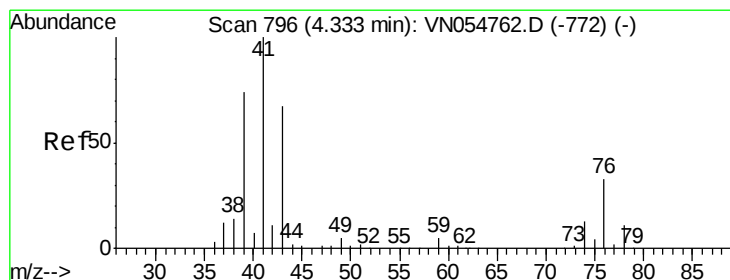
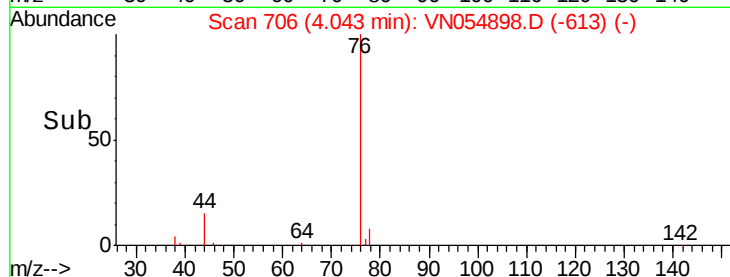
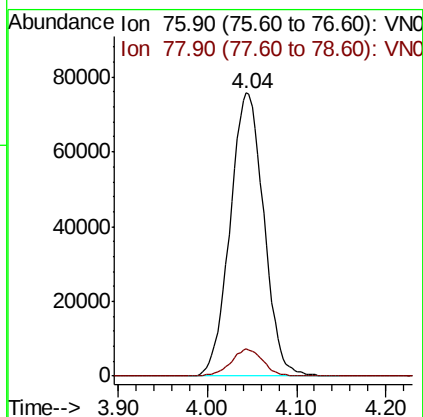
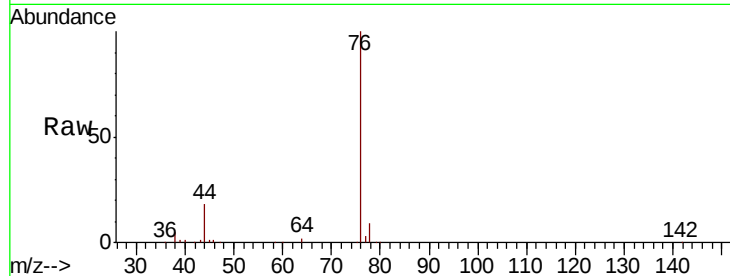




#17  
Carbon Disulfide  
Concen: 19.578 ug/l  
RT: 4.04 min Scan# 706  
Delta R.T. -0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

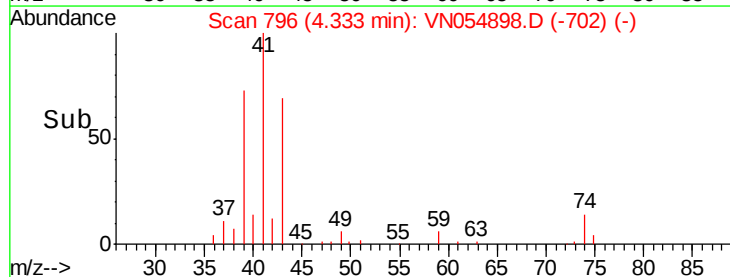
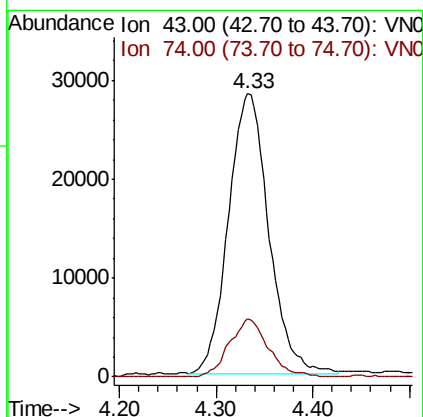
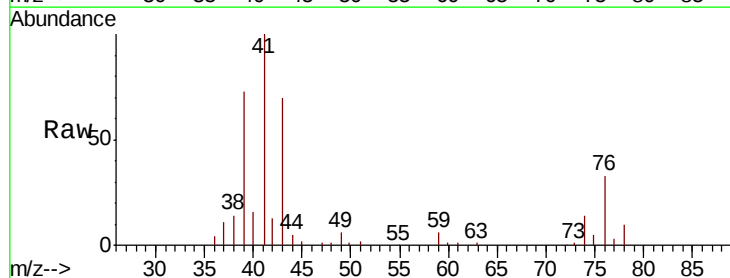
Instrument :  
MSVOA\_N  
ClientSampled :

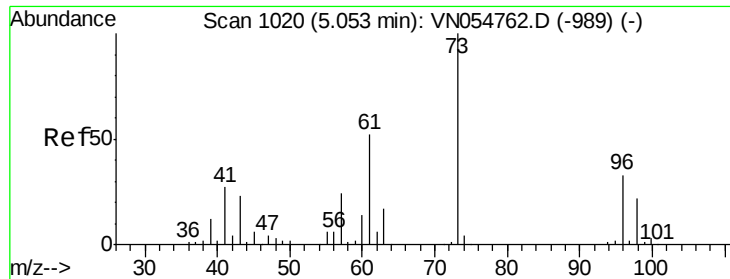
Tot Ion: 76 Resp: 198580  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.5 11.3



#18  
Methyl Acetate  
Concen: 24.068 ug/l  
RT: 4.33 min Scan# 796  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 43 Resp: 81757  
Ion Ratio Lower Upper  
43 100  
74 20.1 20.8 31.2#

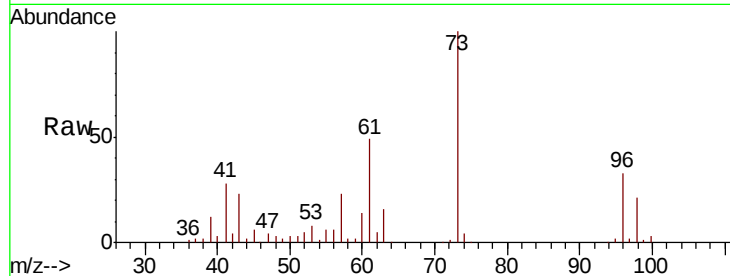




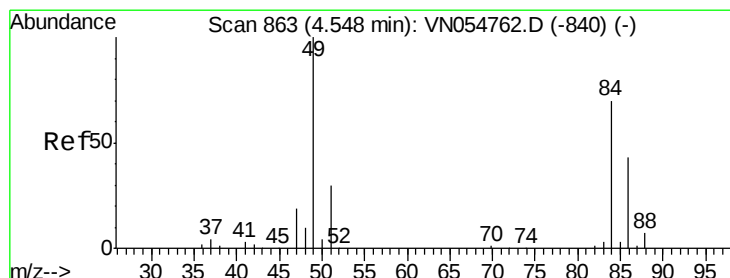
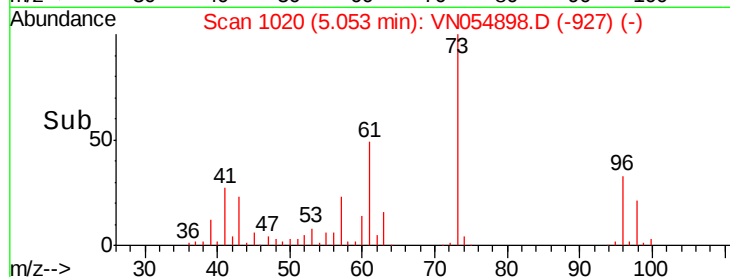
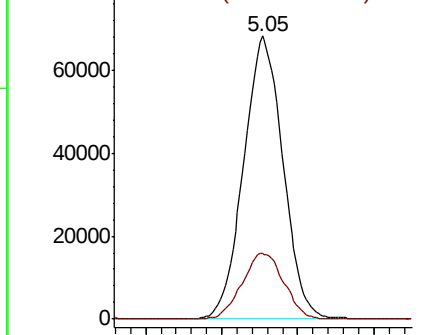
#19  
Methyl tert-butyl Ether  
Concen: 22.415 ug/l  
RT: 5.05 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 73 Resp: 245200  
Ion Ratio Lower Upper  
73 100  
57 23.1 16.8 25.2

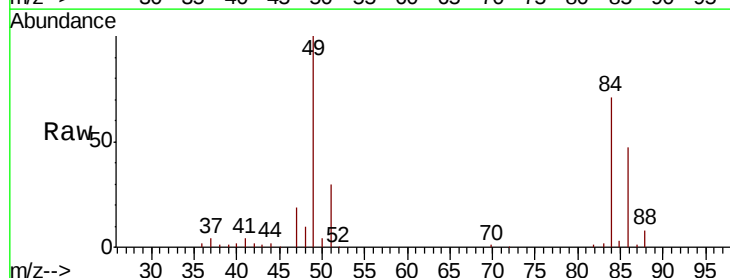


Abundance Ion 73.00 (72.70 to 73.70): VN054762.D (-989) (-)  
Ion 57.00 (56.70 to 57.70): VN054762.D (-989) (-)

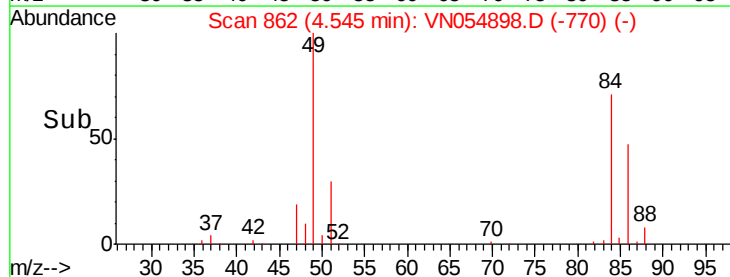
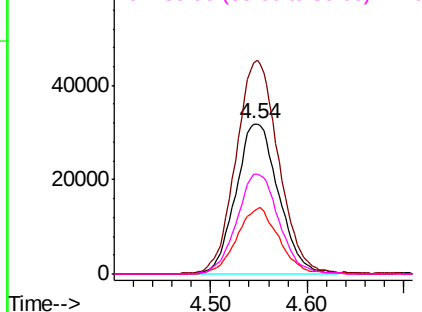


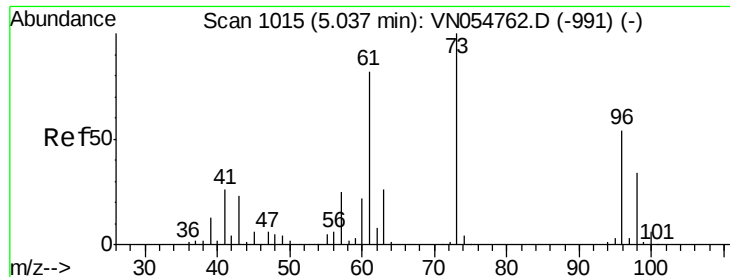
#20  
Methylene Chloride  
Concen: 21.727 ug/l  
RT: 4.54 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 84 Resp: 98012  
Ion Ratio Lower Upper  
84 100  
49 140.6 89.7 134.5#  
51 41.8 28.2 42.4  
86 66.7 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN054762.D (-840) (-)  
Ion 48.90 (48.60 to 49.60): VN054762.D (-840) (-)  
Ion 50.90 (50.60 to 51.60): VN054762.D (-840) (-)  
Ion 85.90 (85.60 to 86.60): VN054762.D (-840) (-)



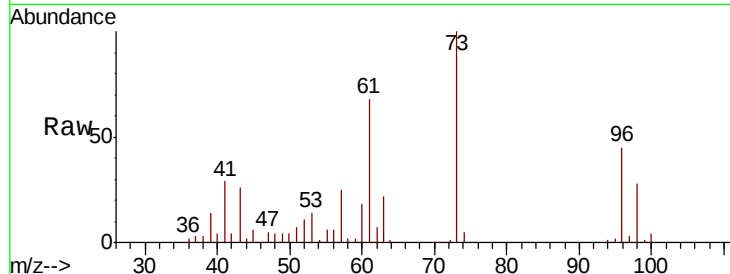


#21

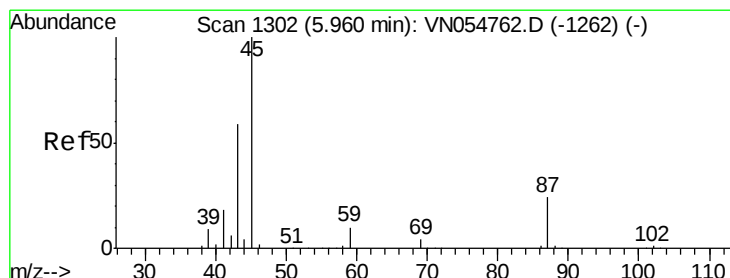
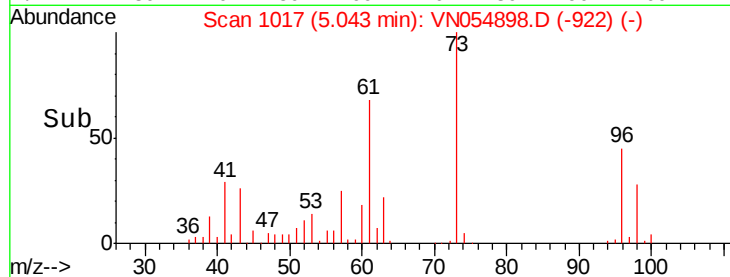
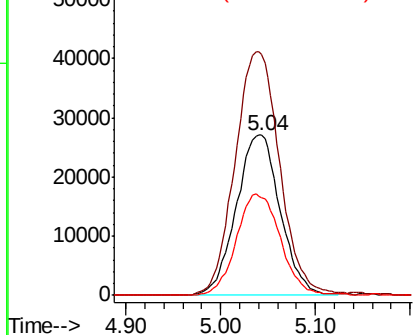
trans-1,2-Dichloroethene  
Concen: 21.290 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. 0.01 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 96 Resp: 87448  
Ion Ratio Lower Upper  
96 100  
61 150.4 102.8 154.2  
98 60.8 50.0 75.0



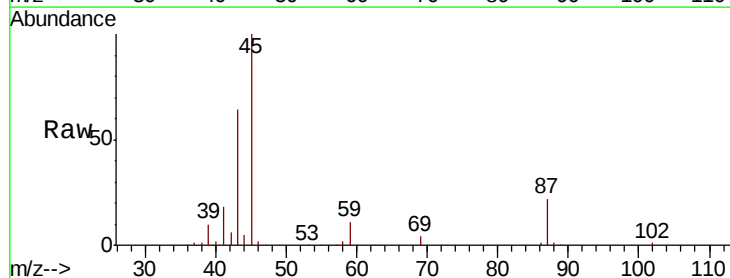
Abundance Ion 95.90 (95.60 to 96.60): VNC  
Ion 60.90 (60.60 to 61.60): VNC  
Ion 97.90 (97.60 to 98.60): VNC



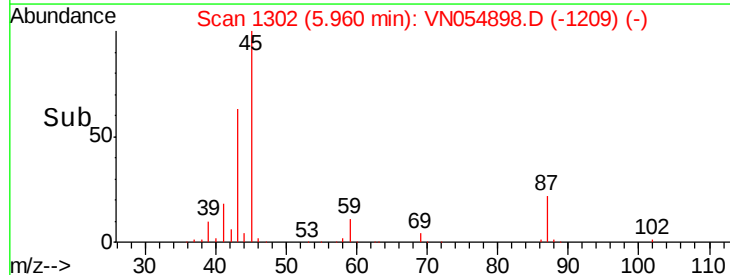
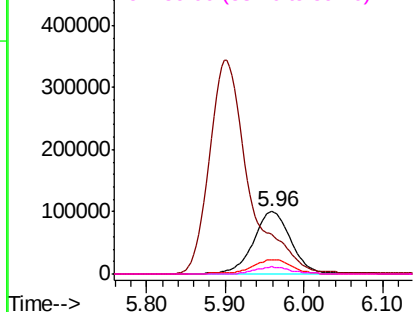
#22

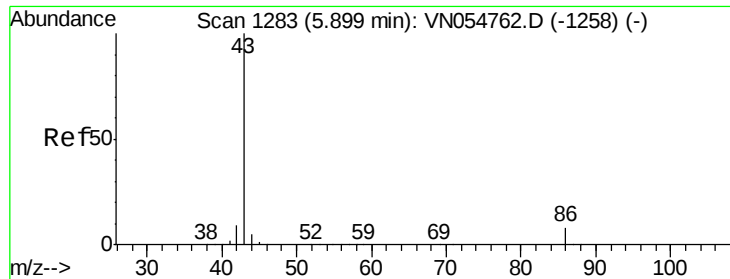
Diisopropyl ether  
Concen: 22.373 ug/l  
RT: 5.96 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 45 Resp: 340846  
Ion Ratio Lower Upper  
45 100  
43 60.8 48.2 72.2  
87 22.0 24.9 37.3#  
59 11.2 9.5 14.3



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





#23

Vinyl Acetate

Concen: 112.135 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

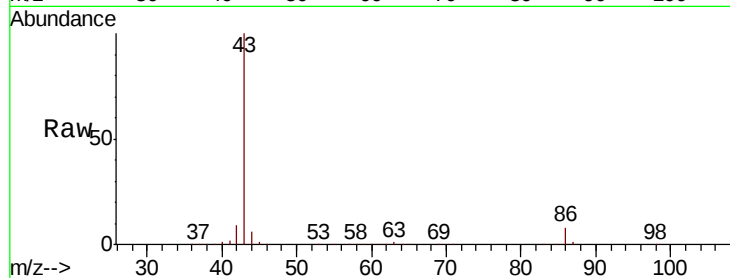
ClientSampleId :

Tot Ion: 43 Resp: 1188838

Ion Ratio Lower Upper

43 100

86 8.0 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN054898.D (-1190) (-)

Ion 86.00 (85.70 to 86.70): VN054898.D (-1190) (-)

5.90

400000

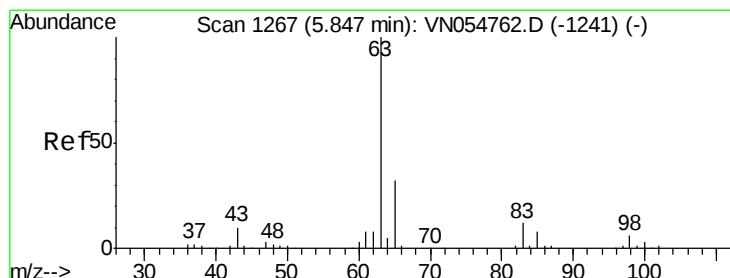
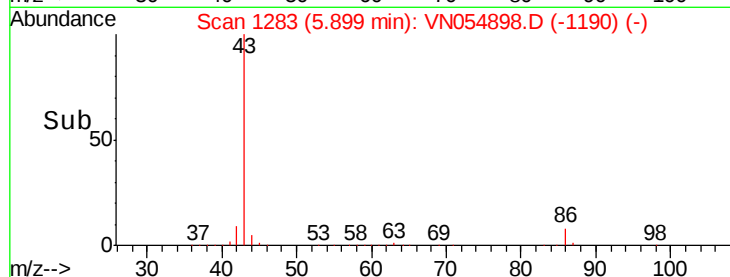
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.667 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

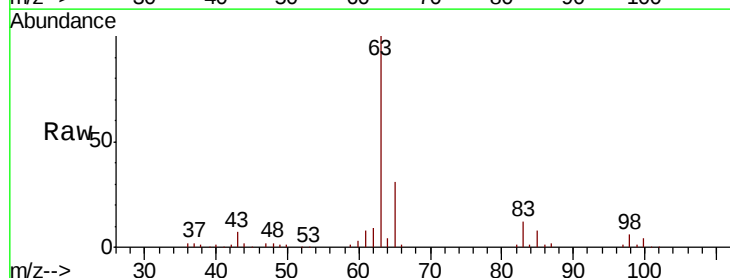
Tgt Ion: 63 Resp: 184209

Ion Ratio Lower Upper

63 100

98 5.8 3.5 10.5

100 3.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN054898.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN054898.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN054898.D (-1174) (-)

5.85

80000

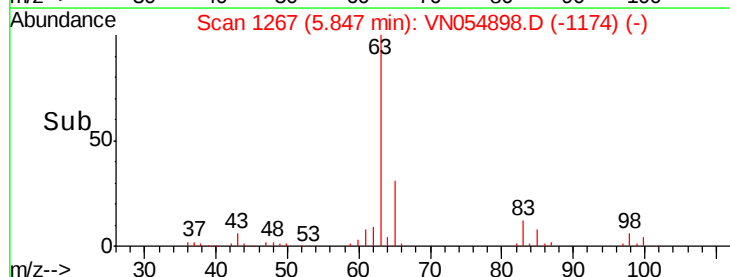
60000

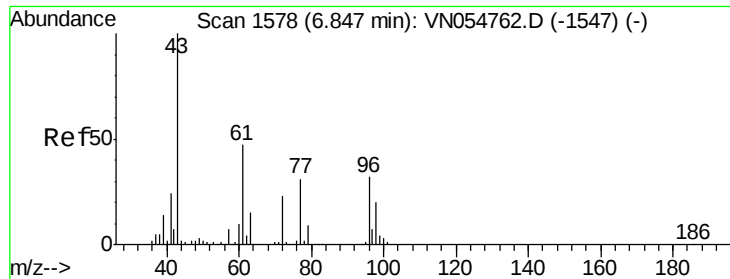
40000

20000

0

Time-->





#25

2-Butanone

Concen: 116.269 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

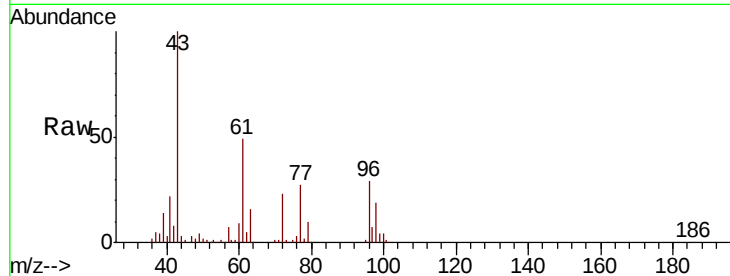
ClientSampled :

Tot Ion: 43 Resp: 219794

Ion Ratio Lower Upper

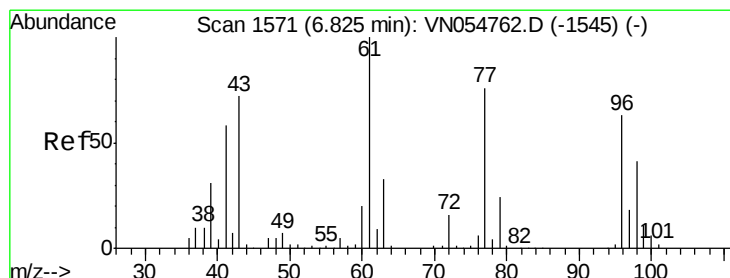
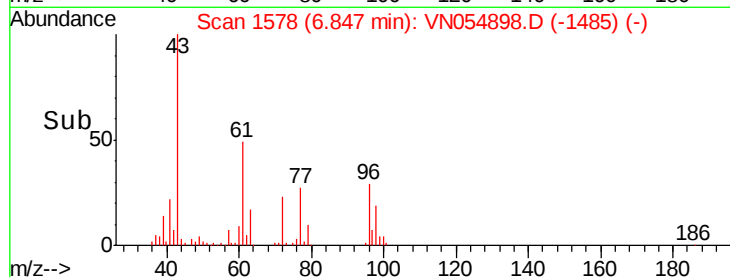
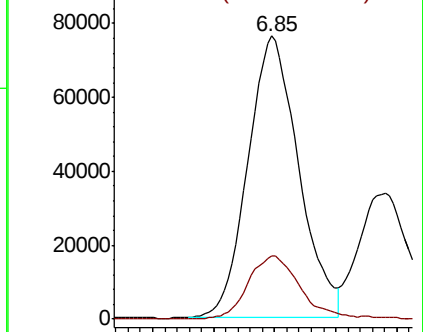
43 100

72 22.6 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 20.816 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054898.D

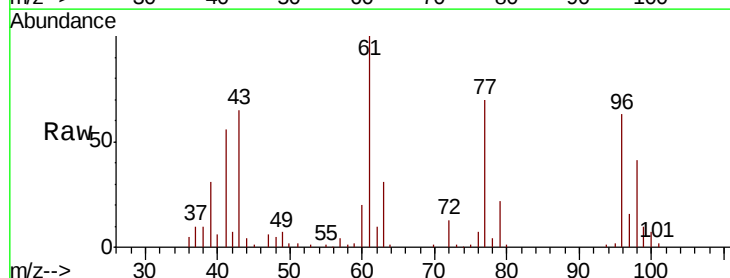
Acq: 2 Apr 2019 13:39

Tgt Ion: 77 Resp: 118564

Ion Ratio Lower Upper

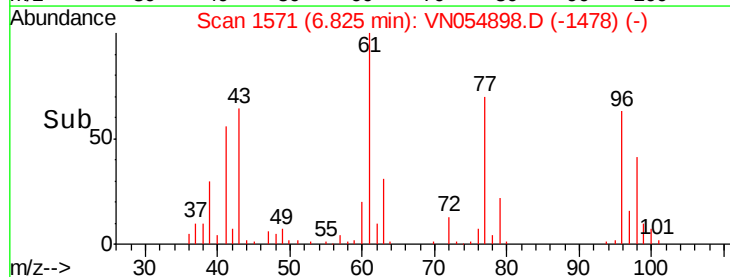
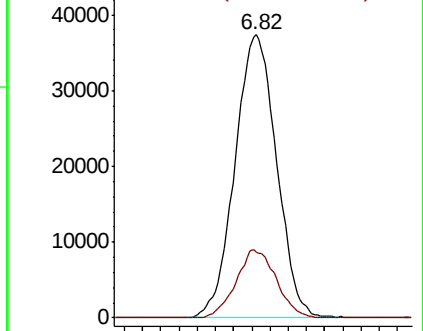
77 100

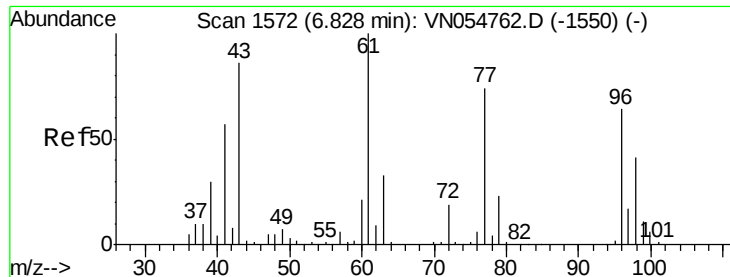
97 23.2 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 21.523 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :  
MSVOA\_N  
ClientSampled :

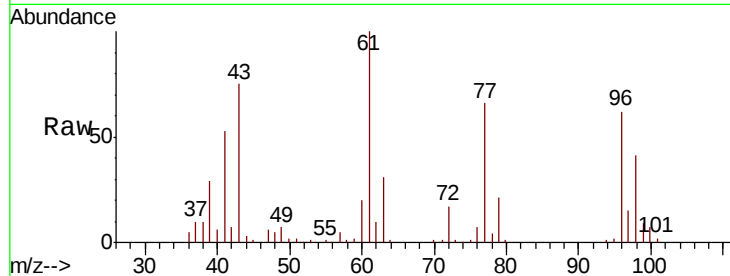
Tot Ion: 96 Resp: 99872

Ion Ratio Lower Upper

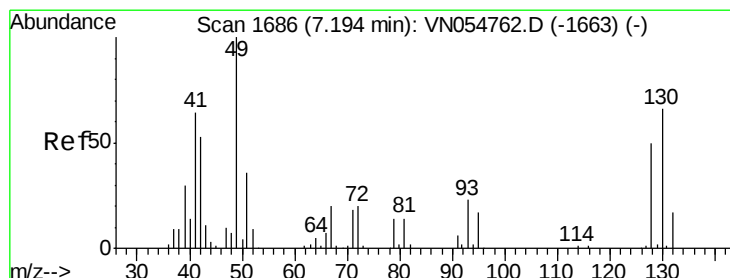
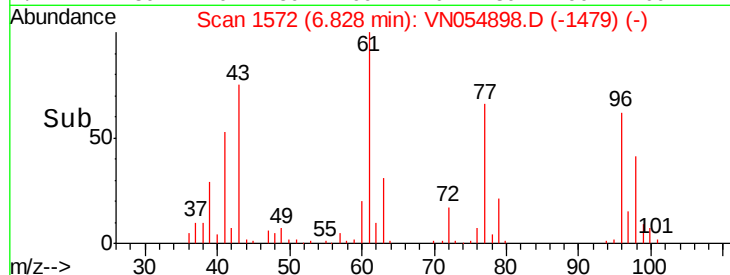
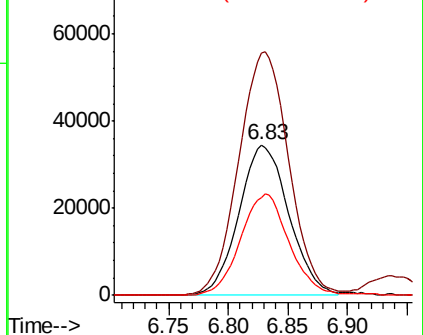
96 100

61 163.5 0.0 273.0

98 65.8 0.0 130.6



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: 23.093 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

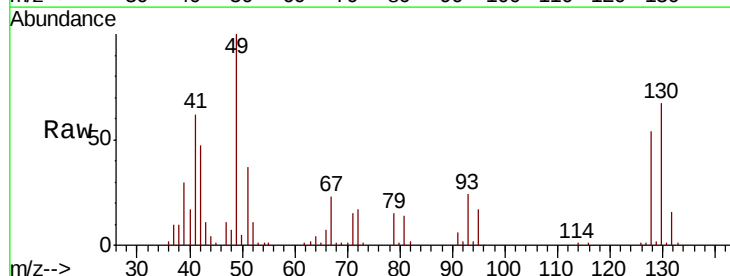
Tgt Ion: 49 Resp: 93841

Ion Ratio Lower Upper

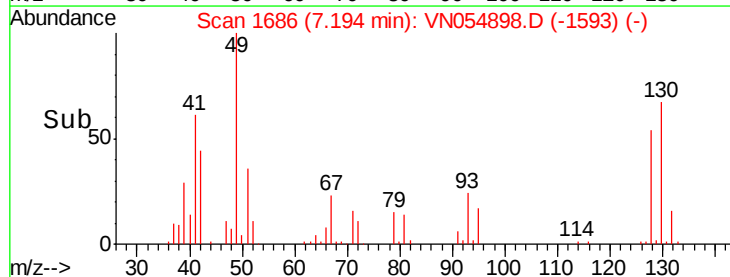
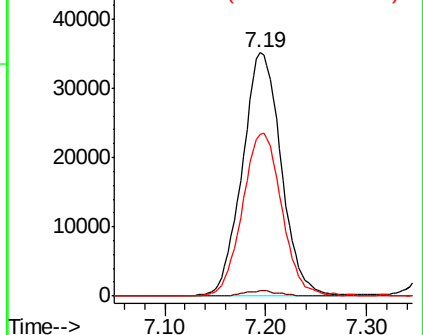
49 100

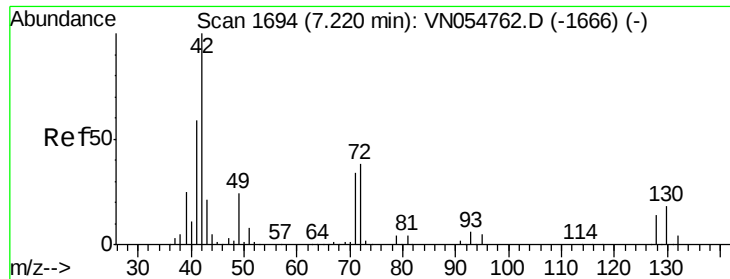
129 1.9 0.0 4.6

130 67.4 76.7 115.1#



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

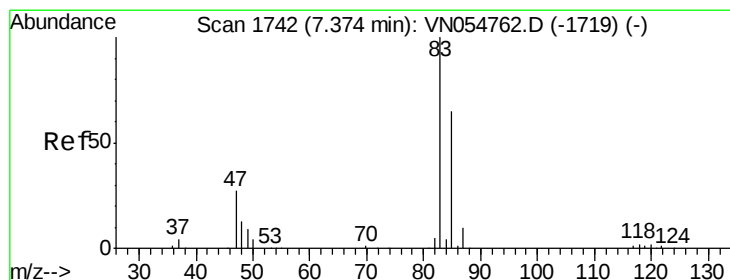
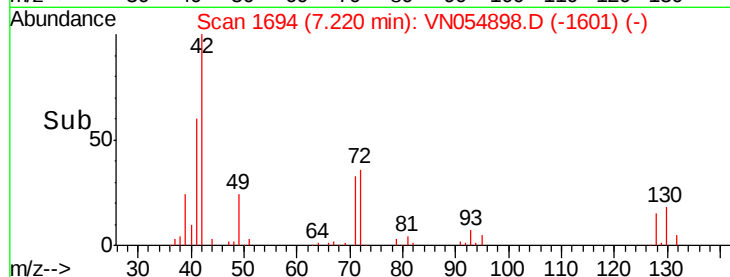
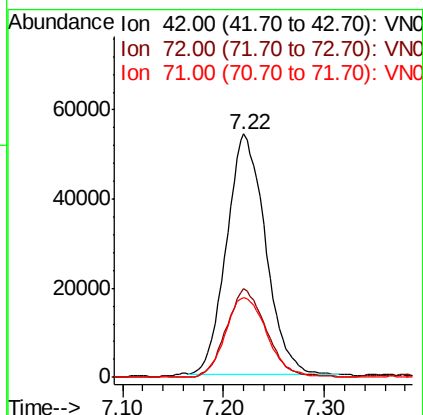
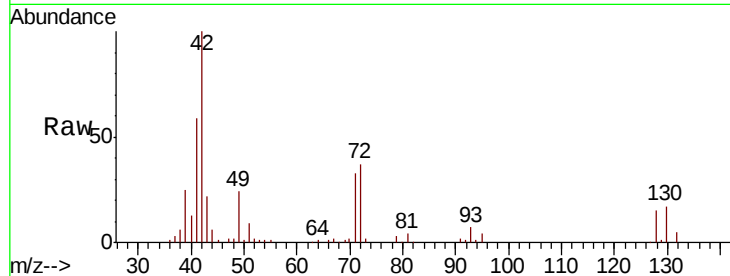




#29  
Tetrahydrofuran  
Concen: 110.723 ug/l  
RT: 7.22 min Scan# 1694  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

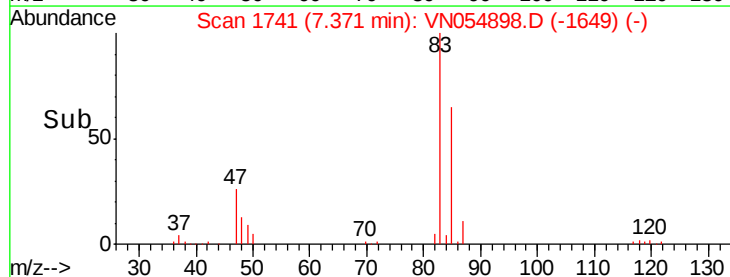
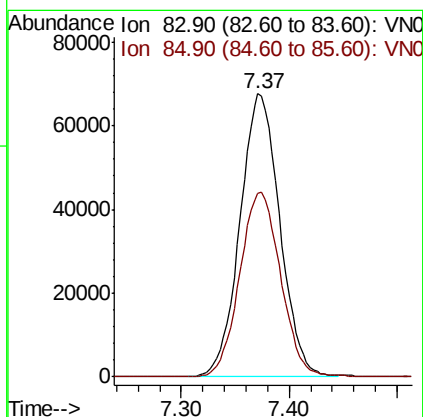
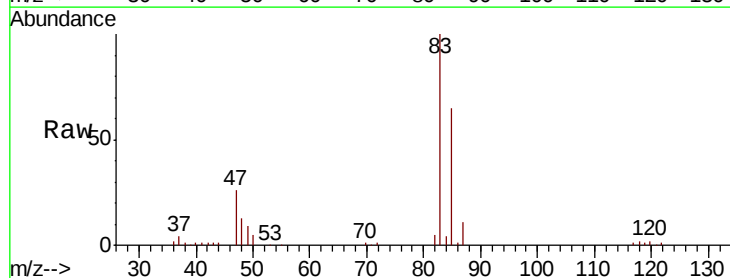
Instrument :  
MSVOA\_N  
ClientSampleId :

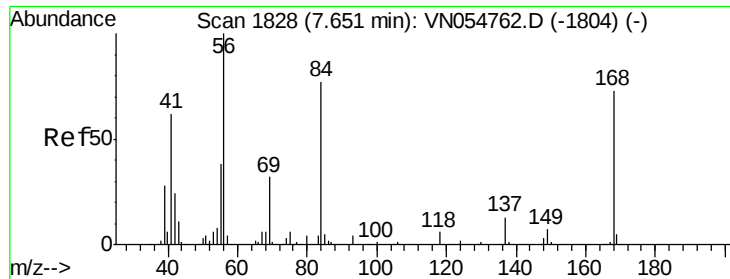
Tot Ion: 42 Resp: 145376  
Ion Ratio Lower Upper  
42 100  
72 37.2 37.8 56.6#  
71 35.3 36.2 54.2#



#30  
Chloroform  
Concen: 22.432 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 83 Resp: 173833  
Ion Ratio Lower Upper  
83 100  
85 65.1 52.2 78.4





#31

Cyclohexane

Concen: 22.113 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :  
MSVOA\_N  
ClientSampleId :

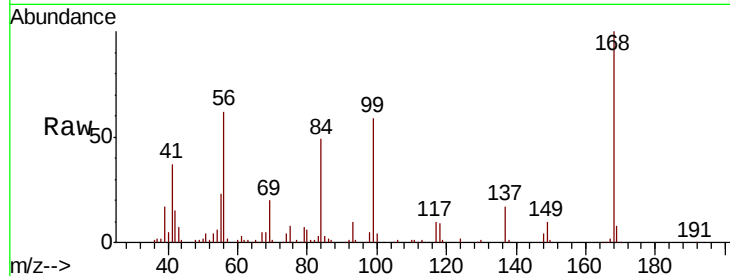
Tot Ion: 56 Resp: 172252

Ion Ratio Lower Upper

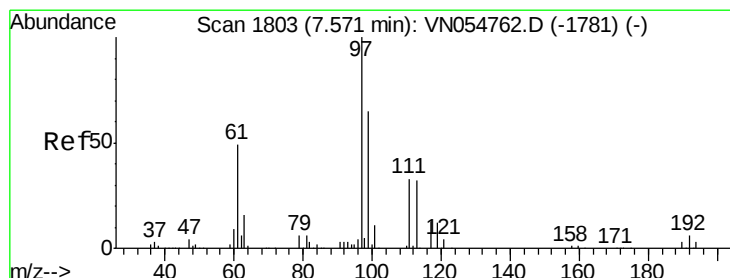
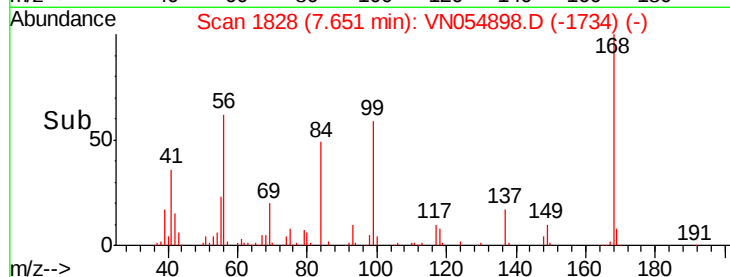
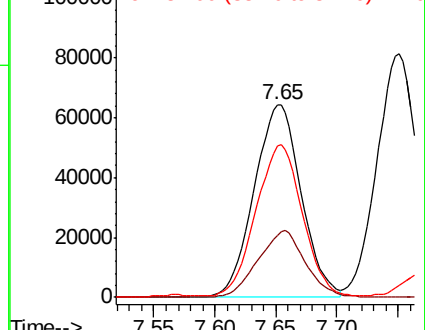
56 100

69 32.3 27.8 41.6

84 77.6 74.6 111.8



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: 22.182 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

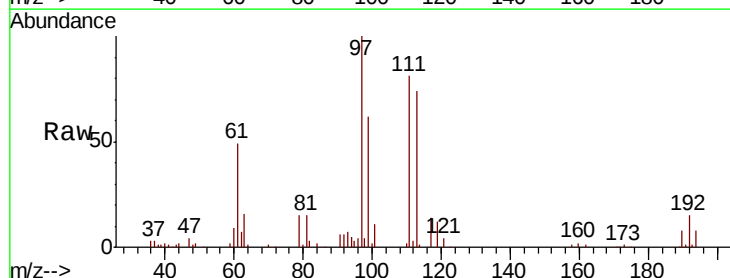
Tgt Ion: 97 Resp: 142450

Ion Ratio Lower Upper

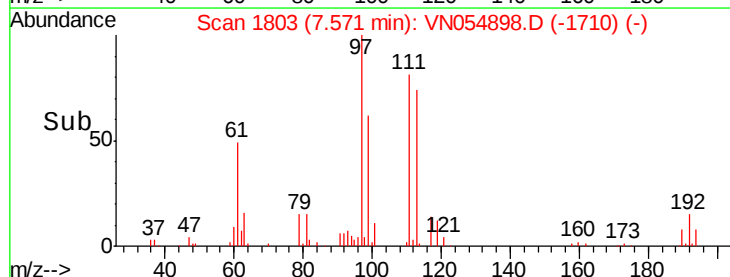
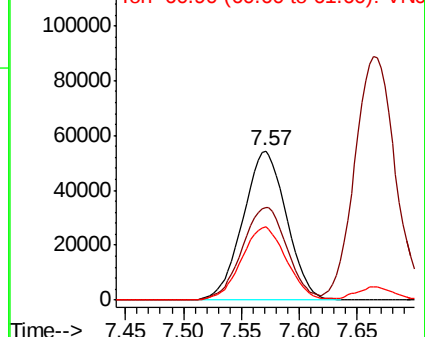
97 100

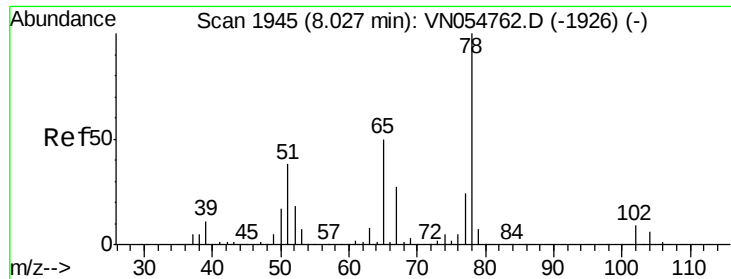
99 64.3 51.5 77.3

61 50.4 33.6 50.4#



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

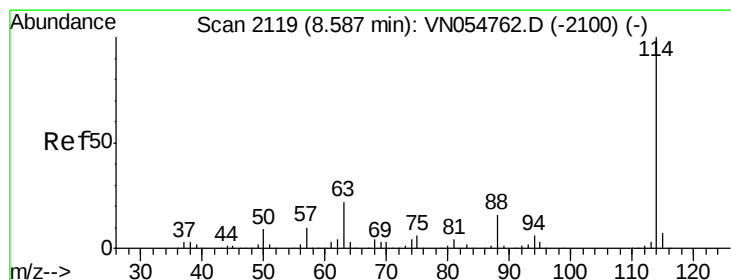
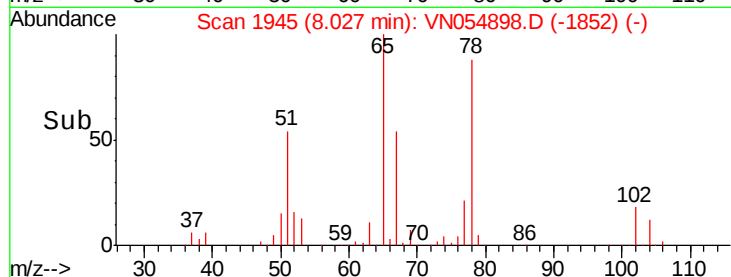
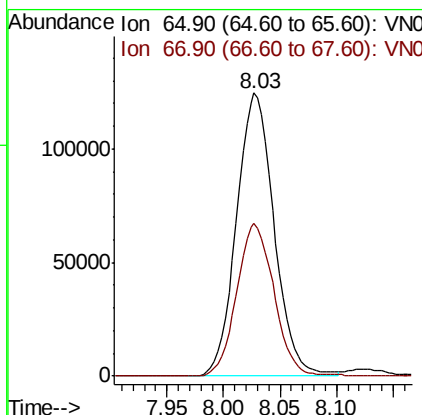
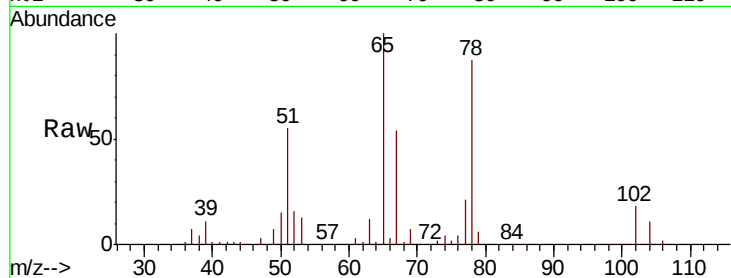




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.840 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

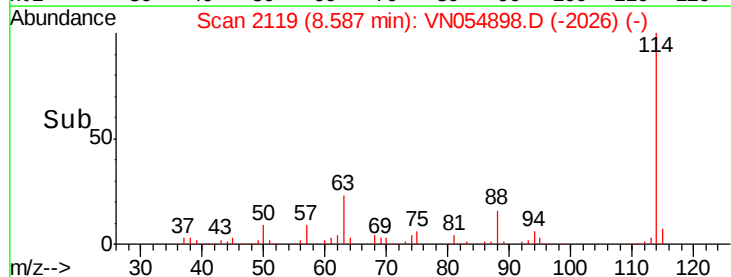
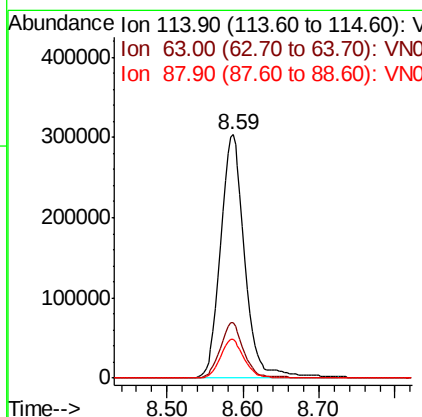
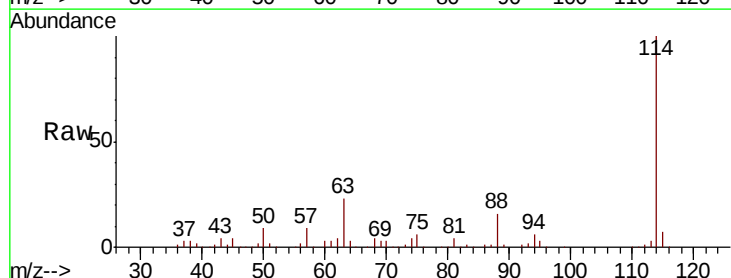
Instrument :  
 MSVOA\_N  
 ClientSampleId :

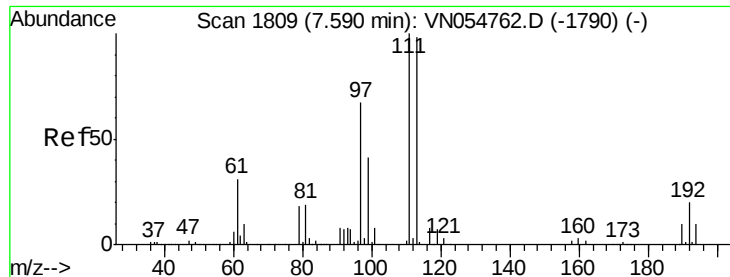
Tot Ion: 65 Resp: 288738  
 Ion Ratio Lower Upper  
 65 100  
 67 53.6 0.0 104.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

Tgt Ion: 114 Resp: 673403  
 Ion Ratio Lower Upper  
 114 100  
 63 22.6 0.0 35.2  
 88 15.9 0.0 30.2

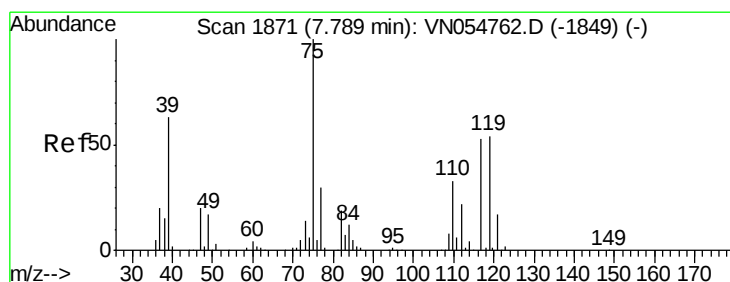
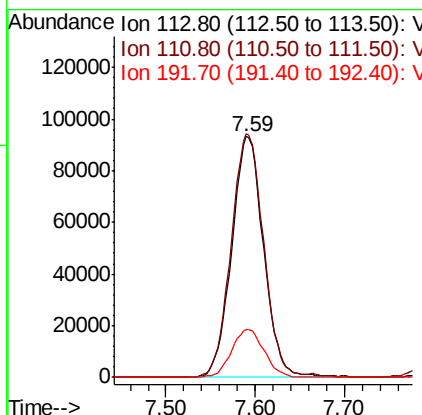
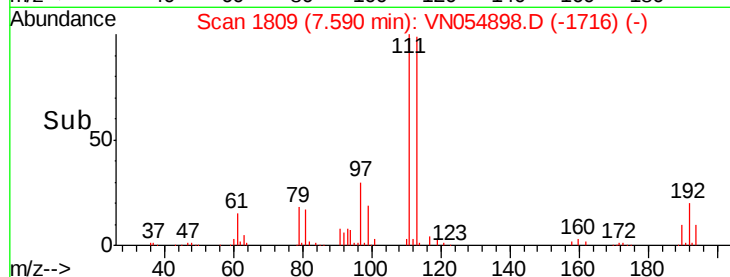
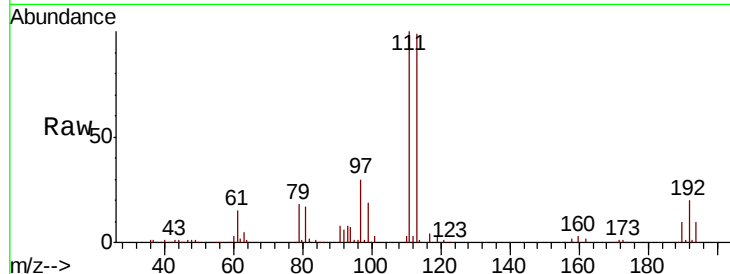




#35  
Dibromofluoromethane  
Concen: 51.468 ug/l  
RT: 7.59 min Scan# 1809  
Delta R.T. -0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

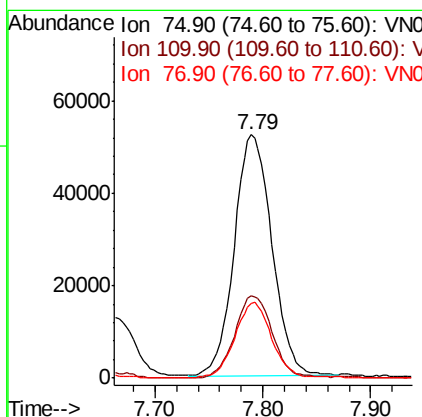
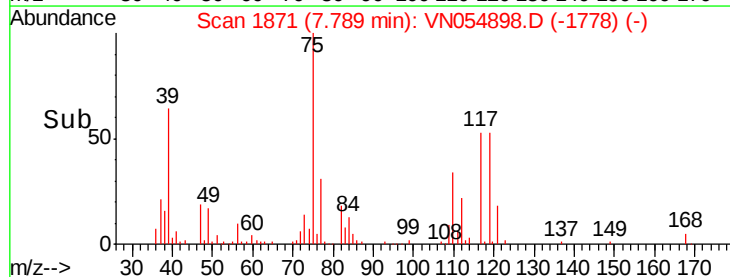
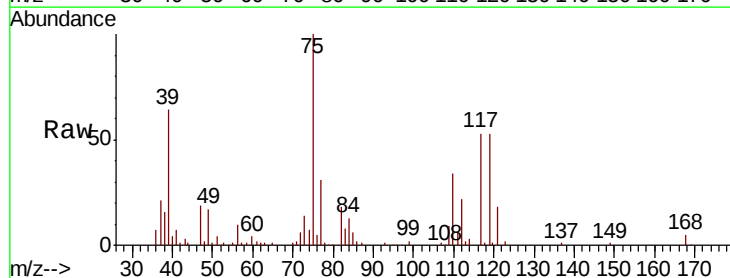
Instrument :  
MSVOA\_N  
ClientSampleId :

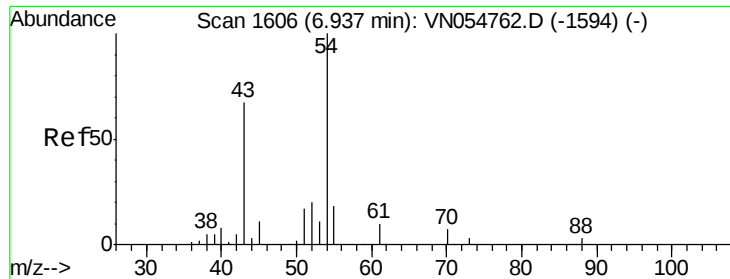
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 82.2  | 123.4 |
| 192     | 20.3  | 19.2  | 28.8  |



#36  
1,1-Dichloropropene  
Concen: 20.266 ug/l  
RT: 7.79 min Scan# 1871  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 34.3  | 19.1  | 57.5  |
| 77      | 30.7  | 25.0  | 37.4  |

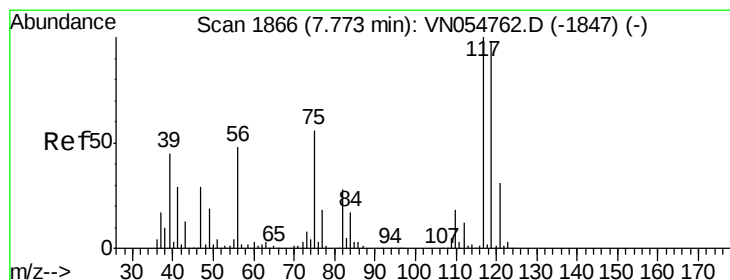
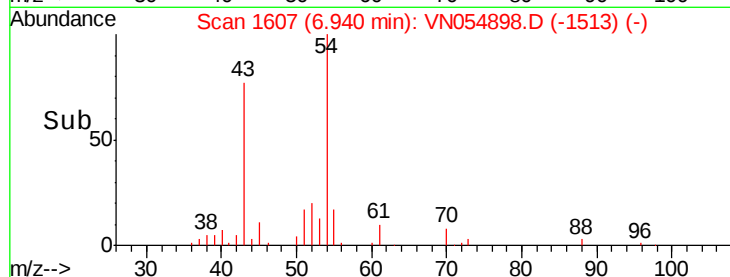
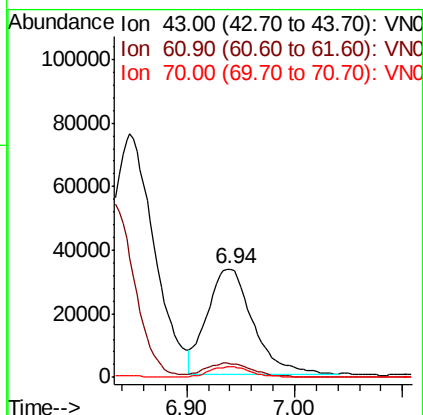
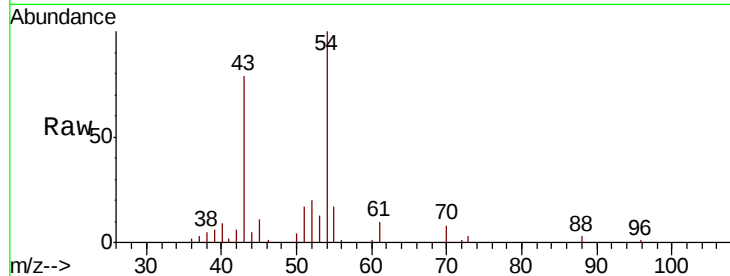




#37  
Ethyl Acetate  
Concen: 21.349 ug/l  
RT: 6.94 min Scan# 1607  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

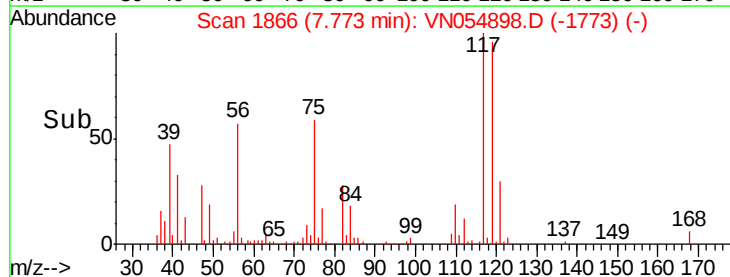
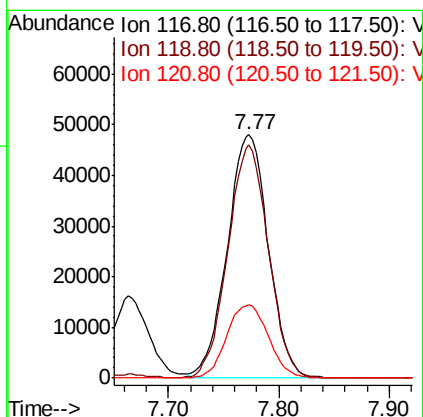
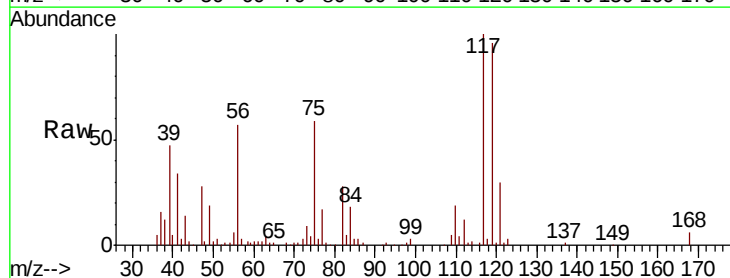
Instrument :  
MSVOA\_N  
ClientSampled :

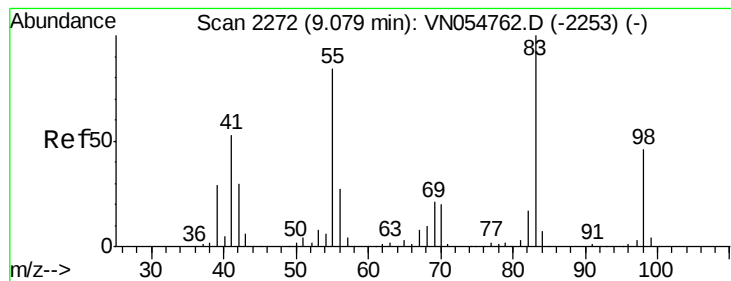
Tot Ion: 43 Resp: 98237  
Ion Ratio Lower Upper  
43 100  
61 13.1 11.8 17.6  
70 9.5 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 20.330 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 117 Resp: 123902  
Ion Ratio Lower Upper  
117 100  
119 95.9 76.3 114.5  
121 30.0 24.6 36.8

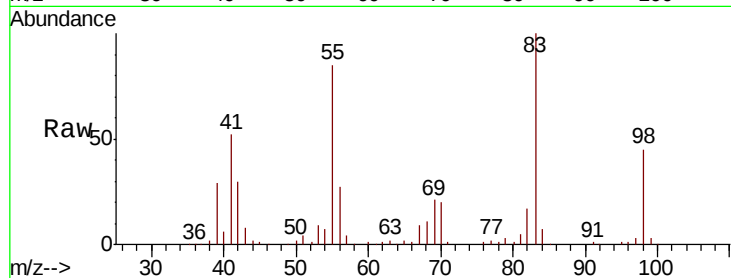




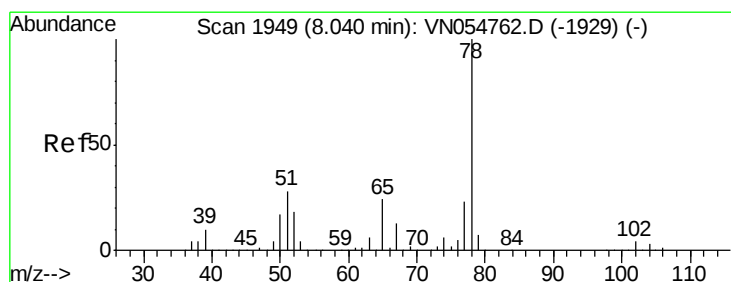
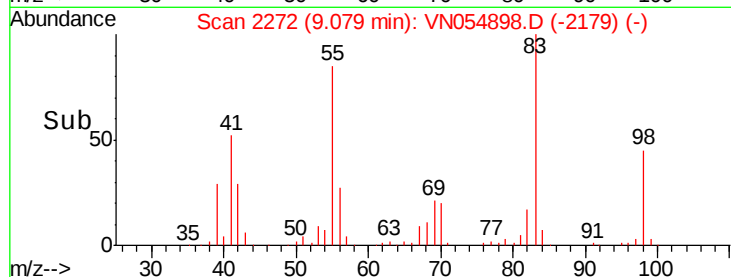
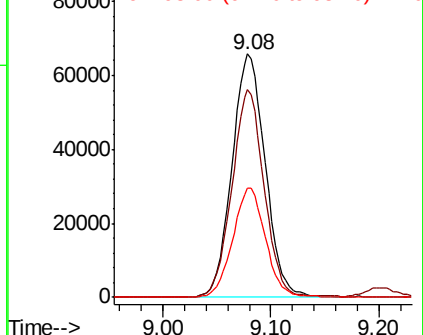
#39  
Methvlcvclohexane  
Concen: 20.499 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 83 Resp: 141414  
Ion Ratio Lower Upper  
83 100  
55 84.8 56.6 84.8  
98 44.8 38.4 57.6

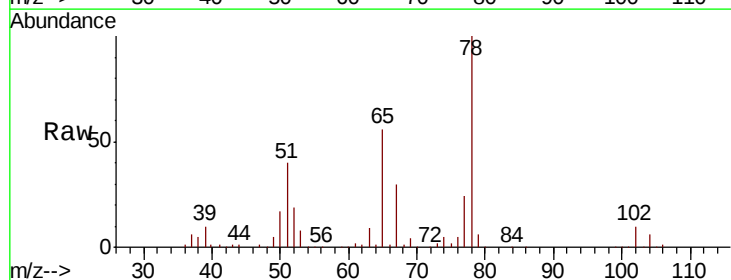


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

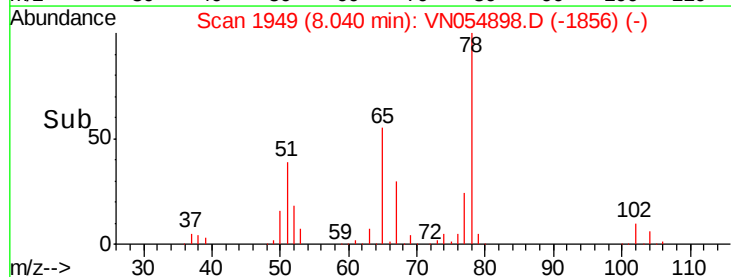
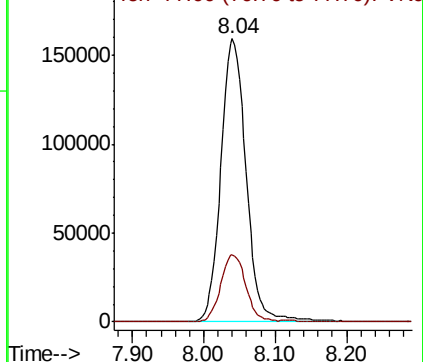


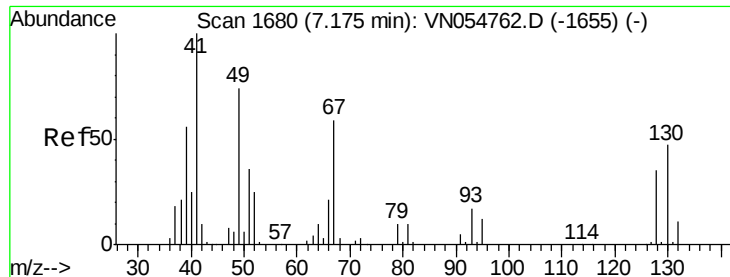
#40  
Benzene  
Concen: 21.907 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 78 Resp: 393330  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.1 28.7



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

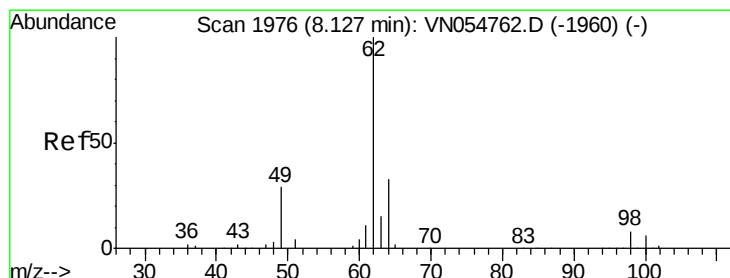
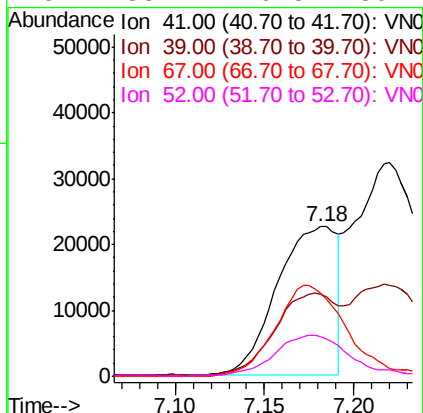
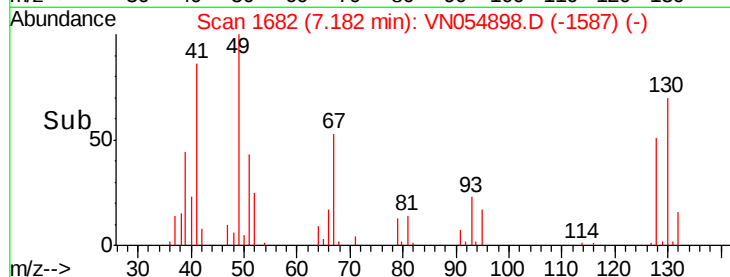
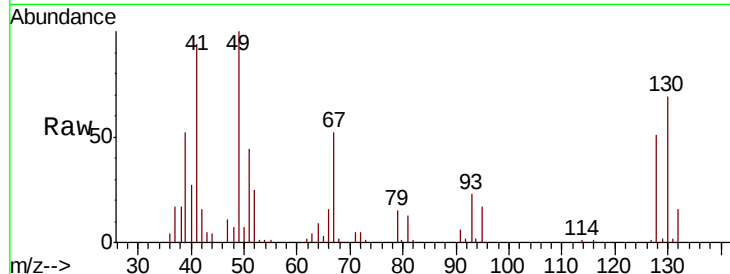




#41  
Methacrylonitrile  
Concen: 20.282 ug/l  
RT: 7.18 min Scan# 1682  
Delta R.T. 0.01 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

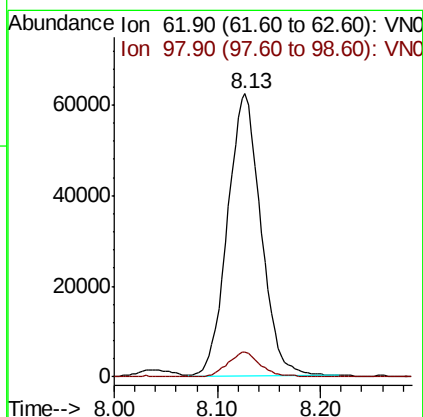
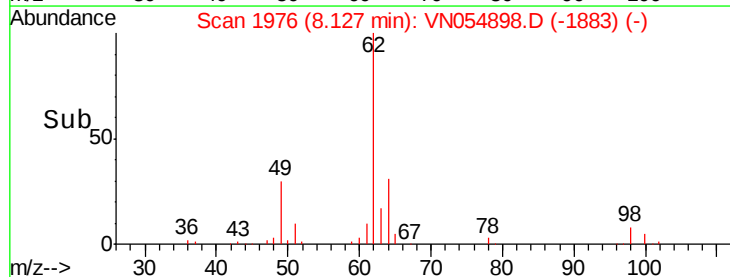
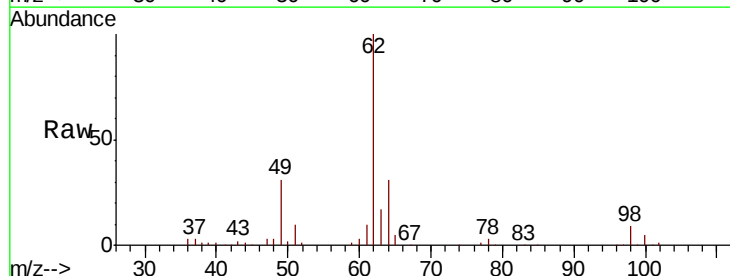
Instrument :  
MSVOA\_N  
ClientSampled :

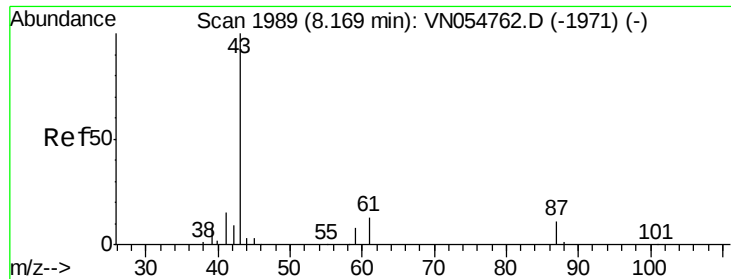
Tot Ion: 41 Resp: 52426  
Ion Ratio Lower Upper  
41 100  
39 58.4 46.8 70.2  
67 73.1 67.0 100.4  
52 35.1 26.5 39.7



#42  
1,2-Dichloroethane  
Concen: 21.969 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 62 Resp: 140838  
Ion Ratio Lower Upper  
62 100  
98 8.5 0.0 18.4





#43

Isopropyl Acetate

Concen: 22.133 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

ClientSampled :

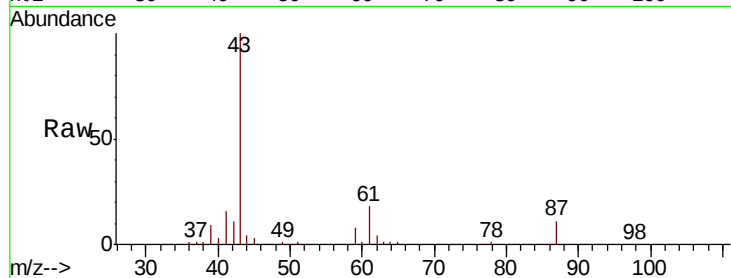
Tot Ion: 43 Resp: 165486

Ion Ratio Lower Upper

43 100

61 17.6 15.8 23.8

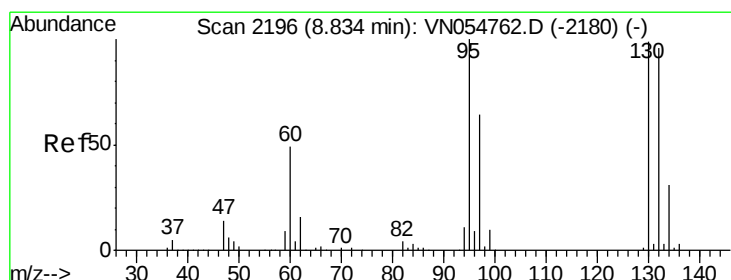
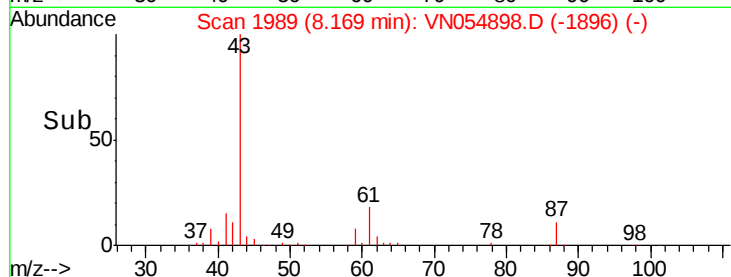
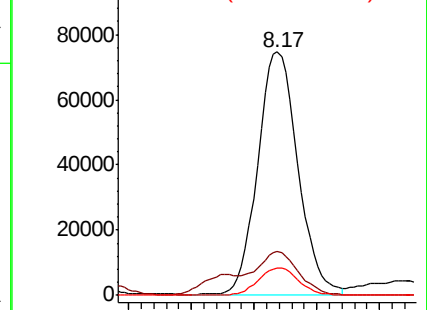
87 11.3 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054898.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054898.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054898.D (-1896) (-)



#44

Trichloroethene

Concen: 21.500 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054898.D

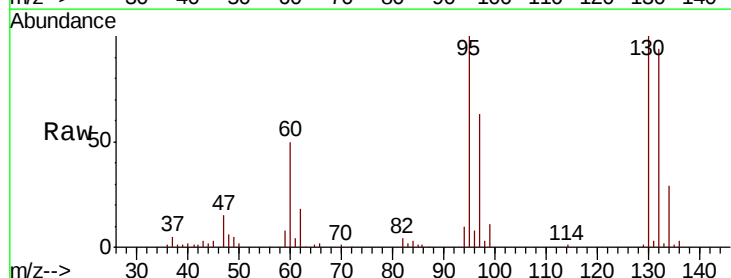
Acq: 2 Apr 2019 13:39

Tgt Ion:130 Resp: 100206

Ion Ratio Lower Upper

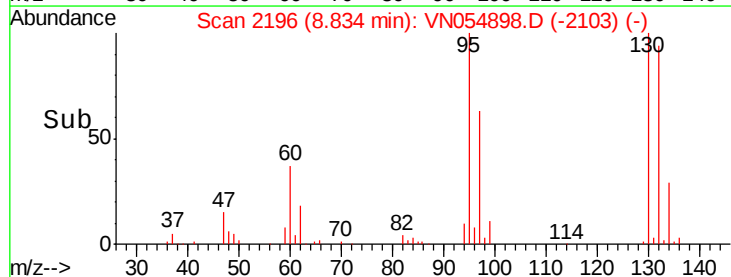
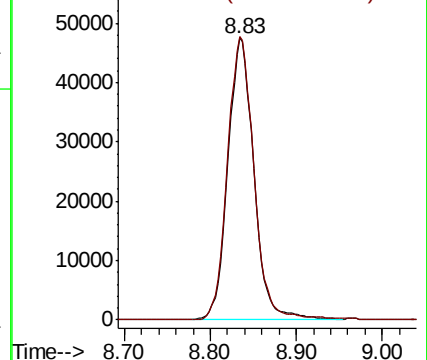
130 100

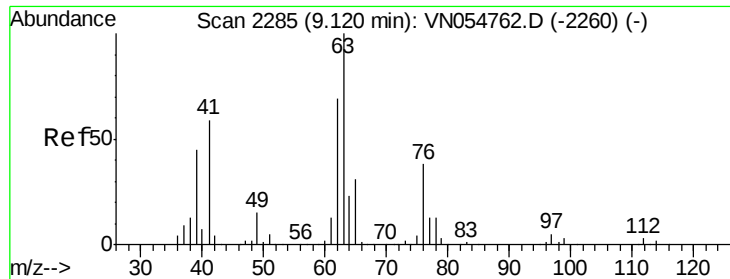
95 100.4 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054898.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN054898.D (-2103) (-)

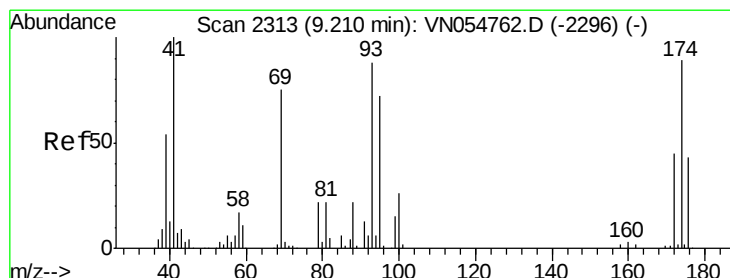
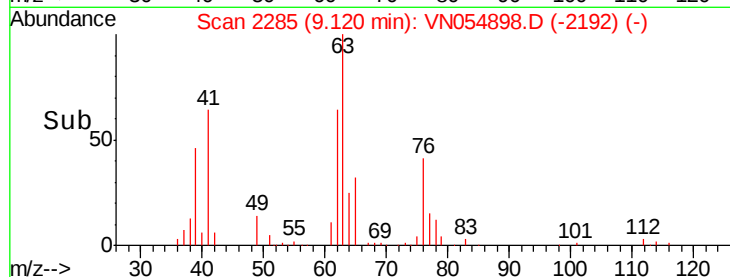
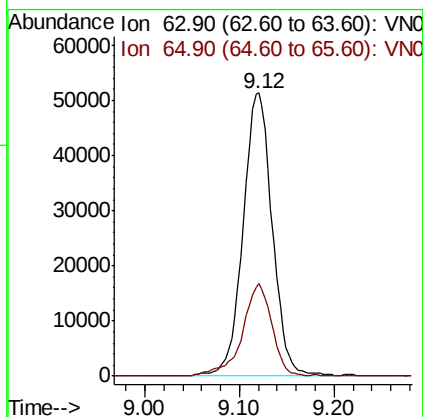
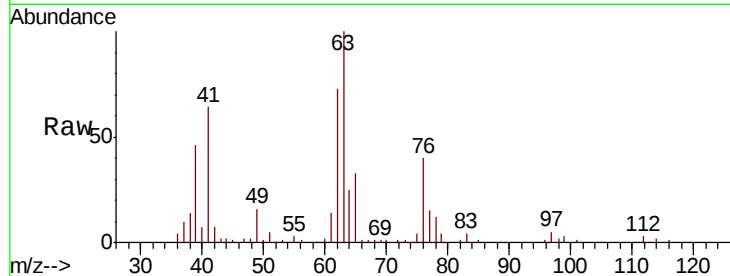




#45  
 1,2-Dichloropropane  
 Concen: 21.496 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. -0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

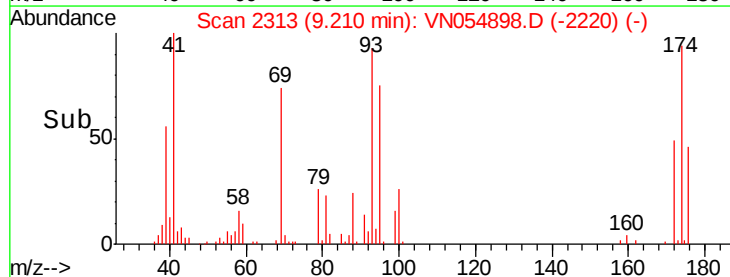
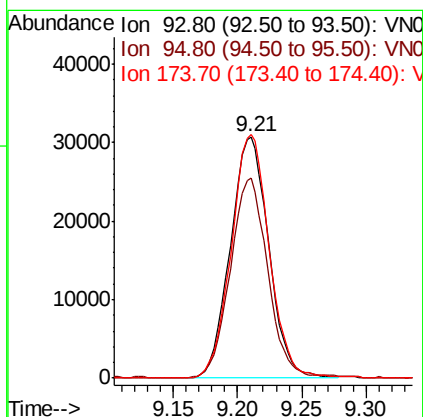
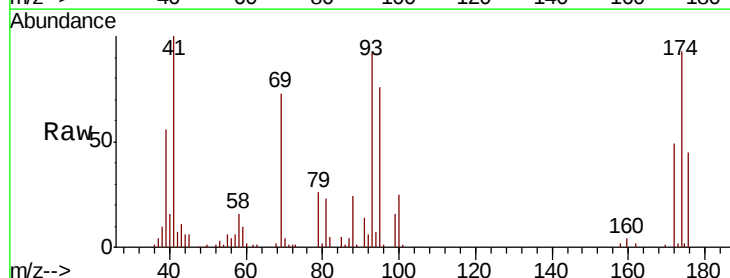
Instrument :  
 MSVOA\_N  
 ClientSampled :

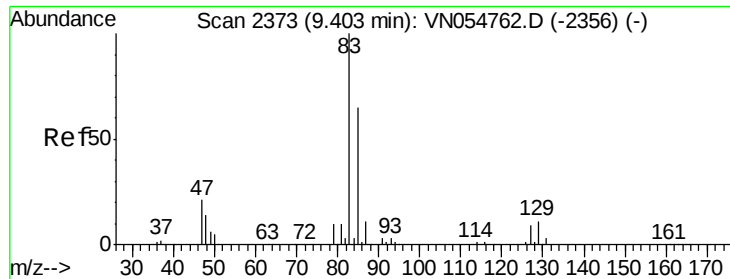
Tot Ion: 63 Resp: 110050  
 Ion Ratio Lower Upper  
 63 100  
 65 32.6 25.0 37.6



#46  
 Dibromomethane  
 Concen: 22.052 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

Tgt Ion: 93 Resp: 63509  
 Ion Ratio Lower Upper  
 93 100  
 95 80.9 66.7 100.1  
 174 100.2 98.5 147.7





#47

Bromodichloromethane

Concen: 22.289 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

ClientSampleId :

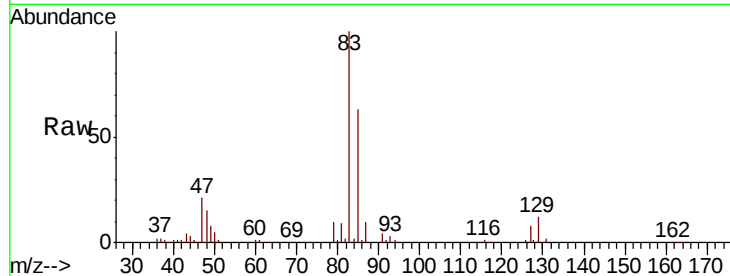
Tot Ion: 83 Resp: 133411

Ion Ratio Lower Upper

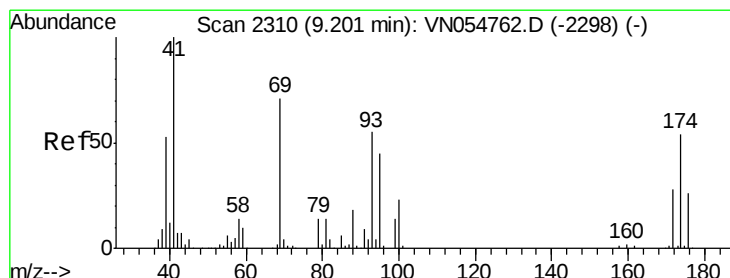
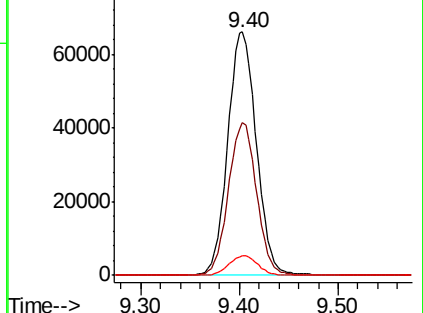
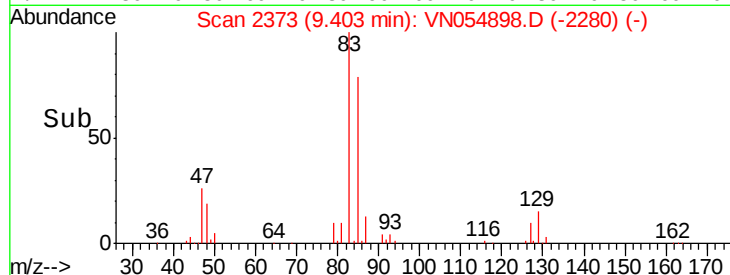
83 100

85 62.8 52.8 79.2

127 8.0 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054898.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.227 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

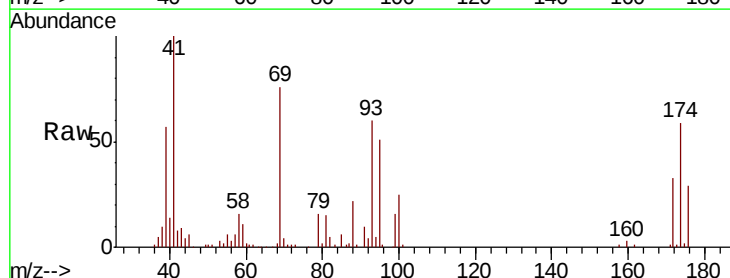
Tgt Ion: 41 Resp: 81980

Ion Ratio Lower Upper

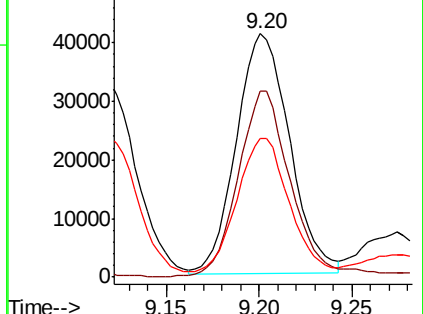
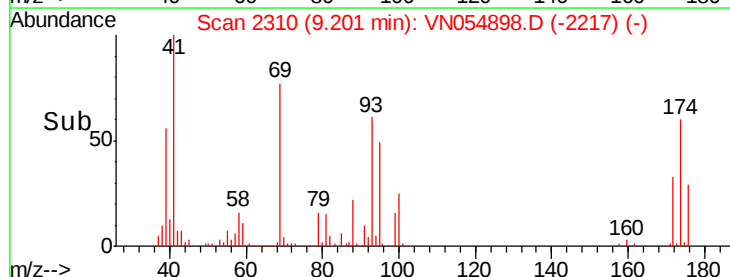
41 100

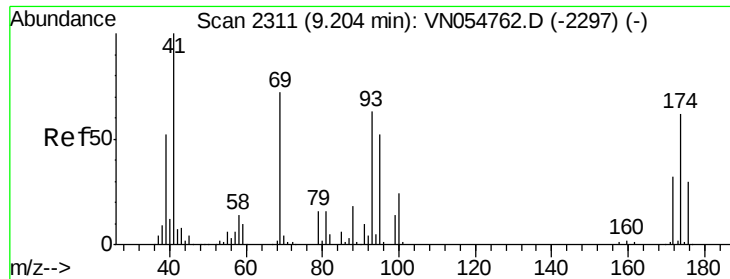
69 77.7 72.6 108.8

39 57.2 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VN054898.D (-2217) (-)

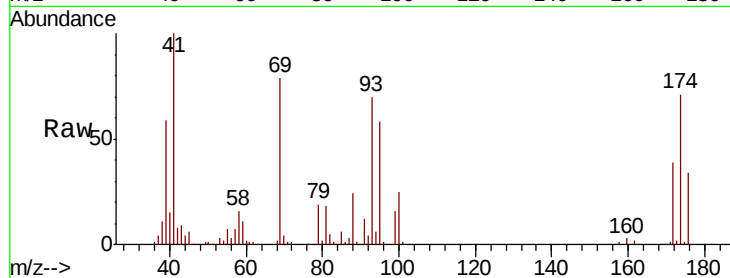




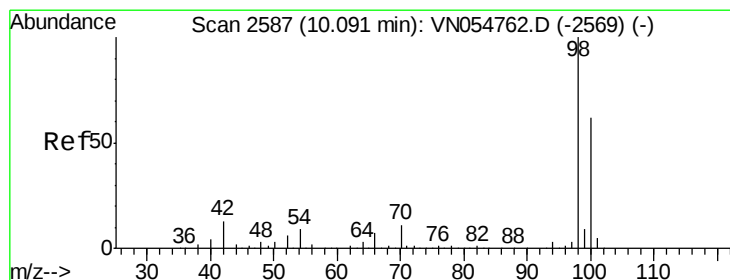
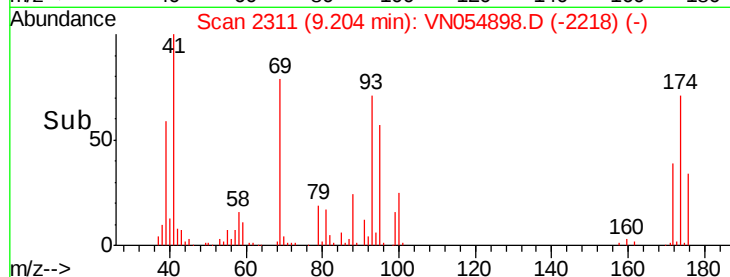
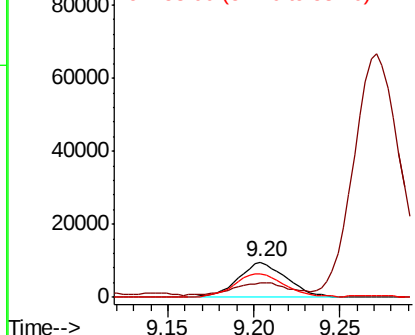
#49  
1,4-Dioxane  
Concen: 466.822 ug/l  
RT: 9.20 min Scan# 2311  
Delta R.T. -0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 88 Resp: 18773  
Ion Ratio Lower Upper  
88 100  
43 39.0 24.1 36.1#  
58 70.4 50.8 76.2

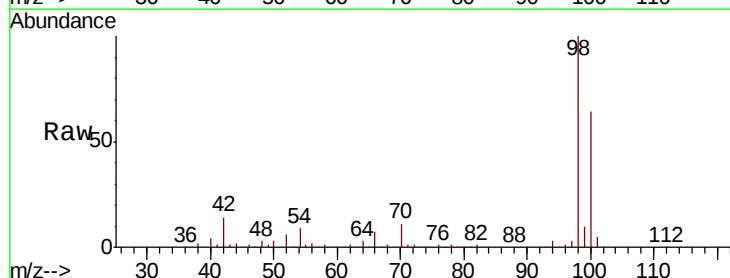


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

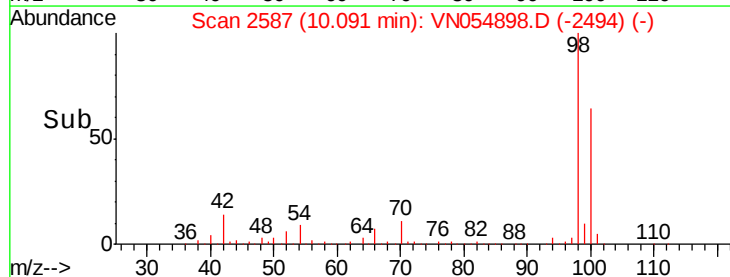
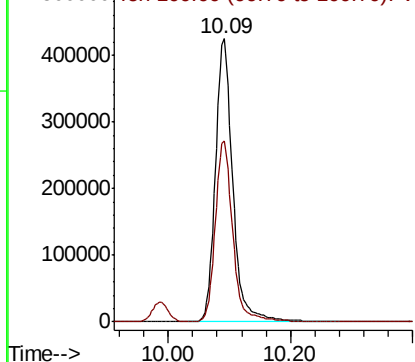


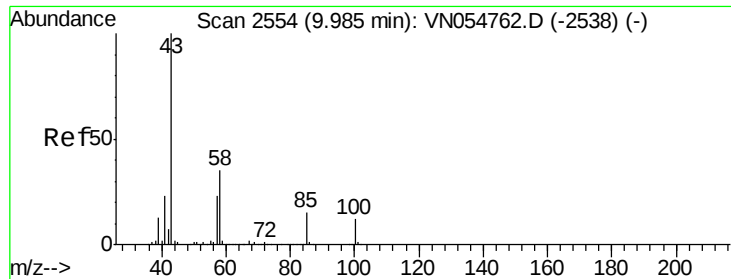
#50  
Toluene-d8  
Concen: 50.584 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 98 Resp: 844308  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.2 76.8



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

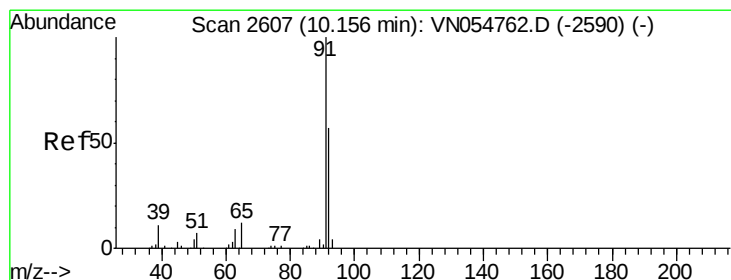
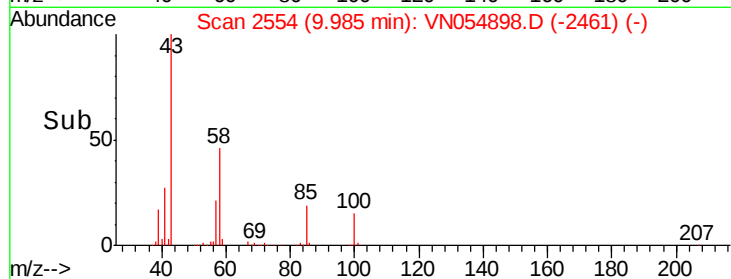
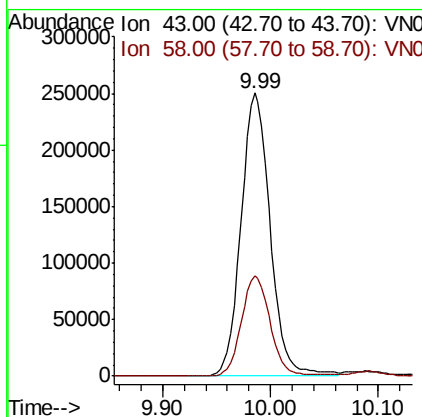
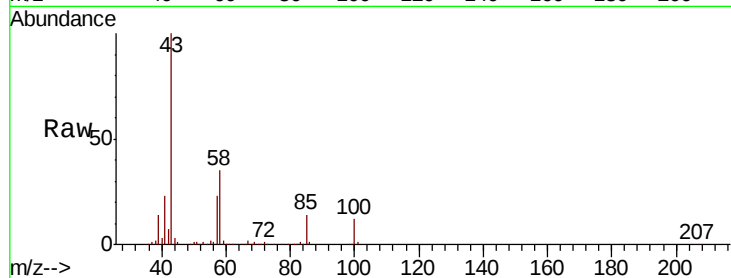




#51  
 4-Methyl-2-Pentanone  
 Concen: 111.218 ug/l  
 RT: 9.99 min Scan# 2554  
 Delta R.T. -0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

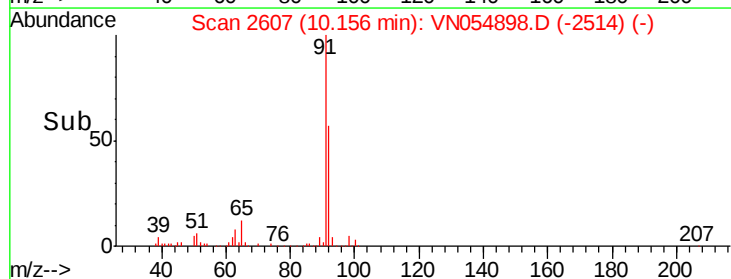
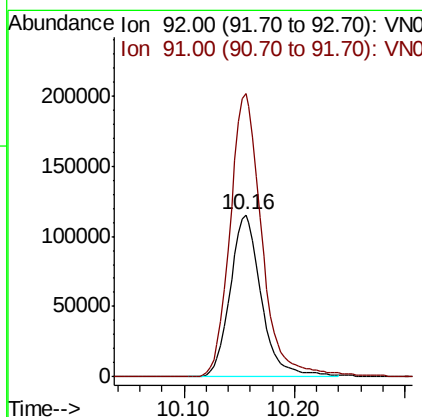
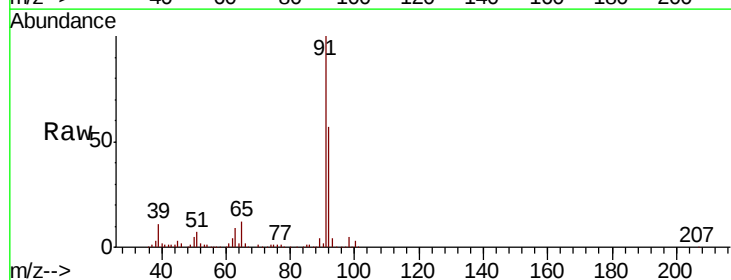
Instrument :  
 MSVOA\_N  
 ClientSampled :

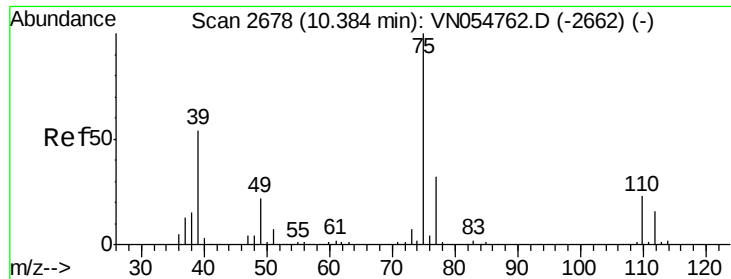
Tot Ion: 43 Resp: 467517  
 Ion Ratio Lower Upper  
 43 100  
 58 35.1 31.8 47.6



#52  
 Toluene  
 Concen: 21.144 ug/l  
 RT: 10.16 min Scan# 2607  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

Tgt Ion: 92 Resp: 225899  
 Ion Ratio Lower Upper  
 92 100  
 91 179.5 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 20.602 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

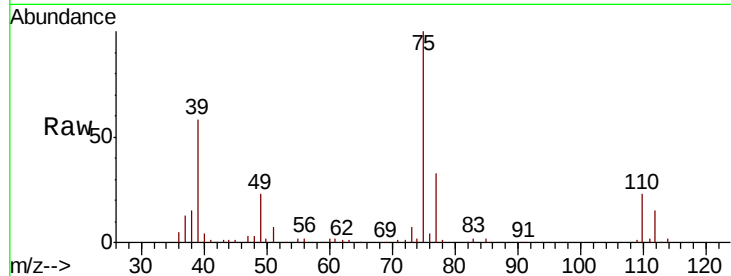
ClientSampleId :

Tot Ion: 75 Resp: 115996

Ion Ratio Lower Upper

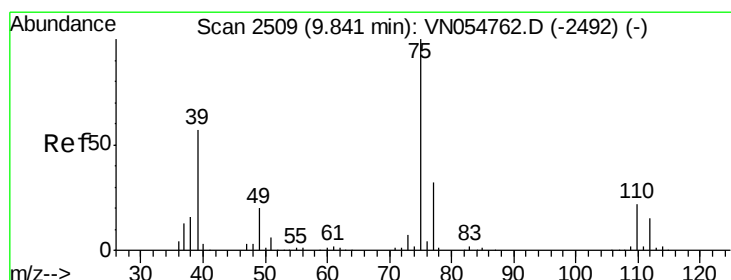
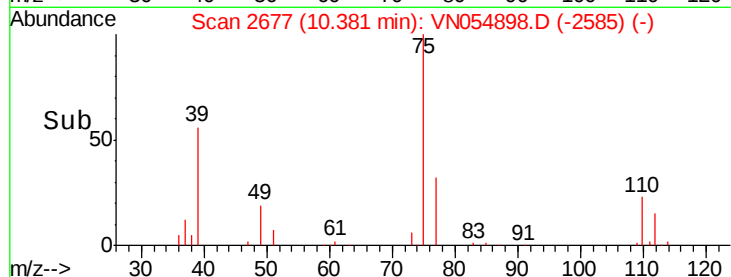
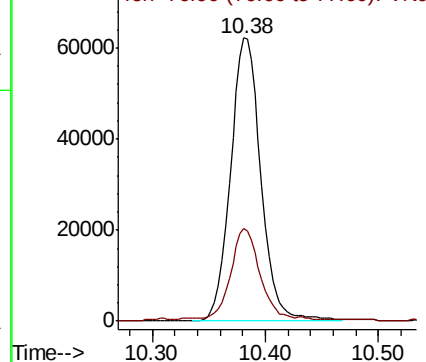
75 100

77 32.1 25.8 38.8



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: 21.468 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

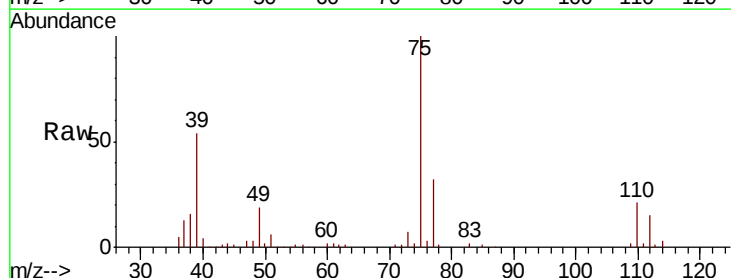
Tgt Ion: 75 Resp: 144384

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

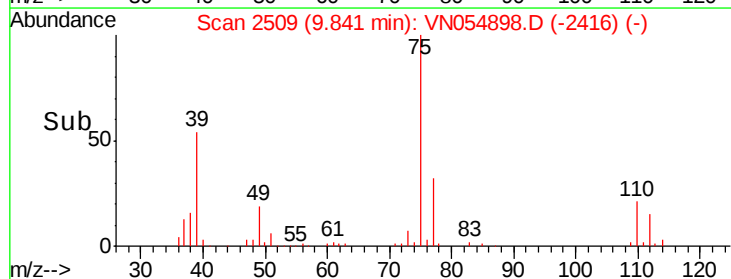
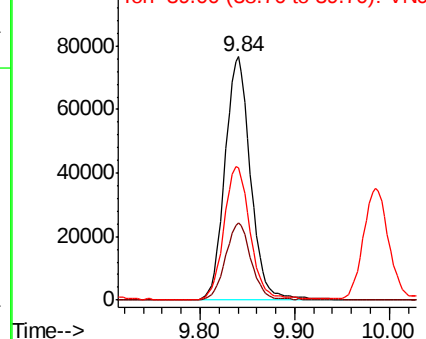
39 54.1 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 21.300 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 97 Resp: 84616

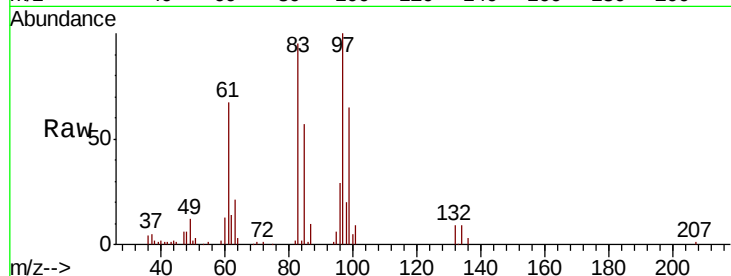
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 95.4  | 66.6  | 100.0 |
| 85  | 57.3  | 44.4  | 66.6  |
| 99  | 64.9  | 50.8  | 76.2  |

97 100

83 95.4 66.6 100.0

85 57.3 44.4 66.6

99 64.9 50.8 76.2

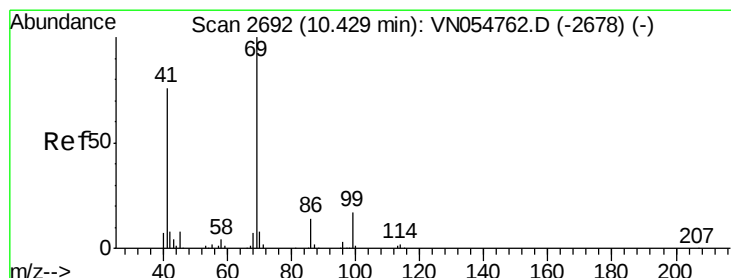
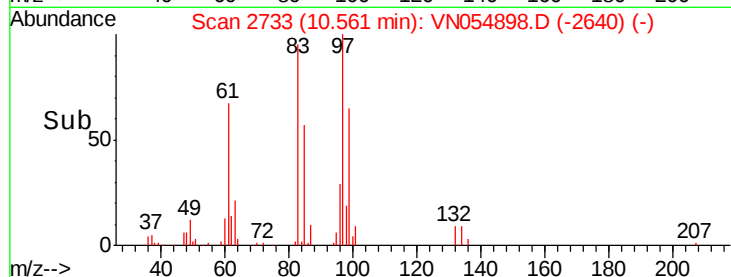
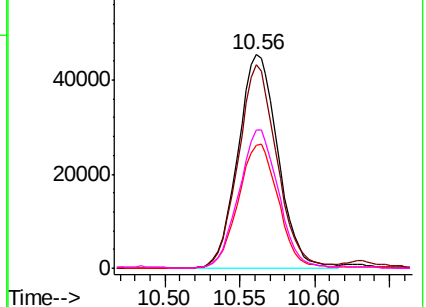


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 21.175 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

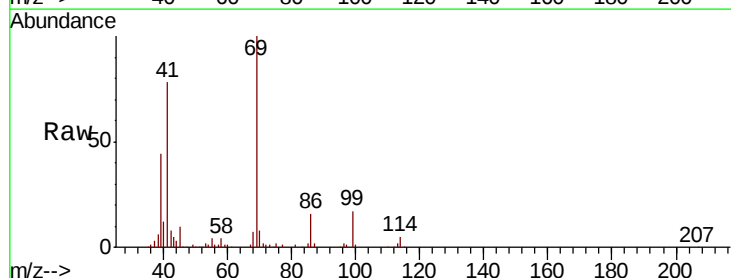
Tgt Ion: 69 Resp: 110346

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 77.9  | 49.4  | 74.2# |
| 39  | 42.2  | 28.3  | 42.5  |

69 100

41 77.9 49.4 74.2#

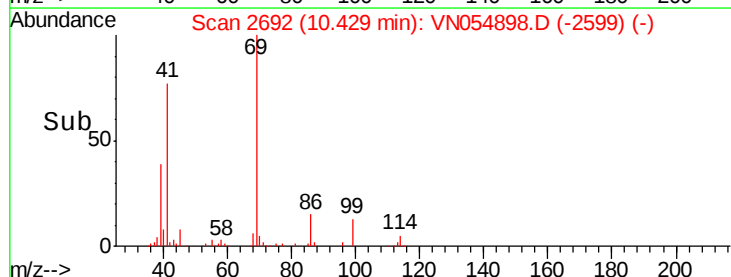
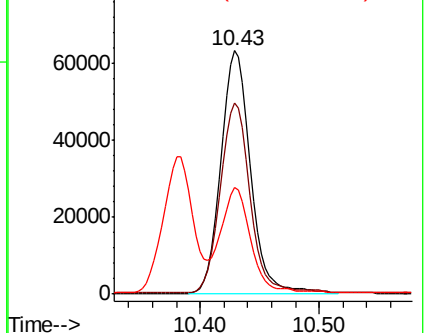
39 42.2 28.3 42.5

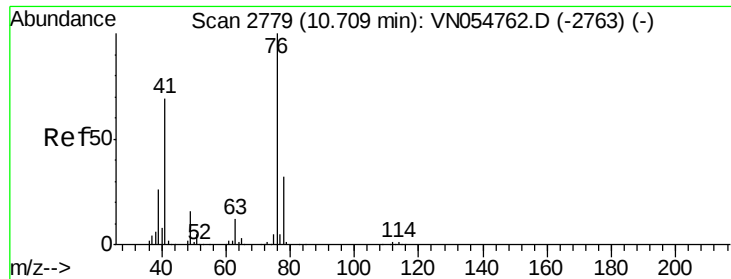


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

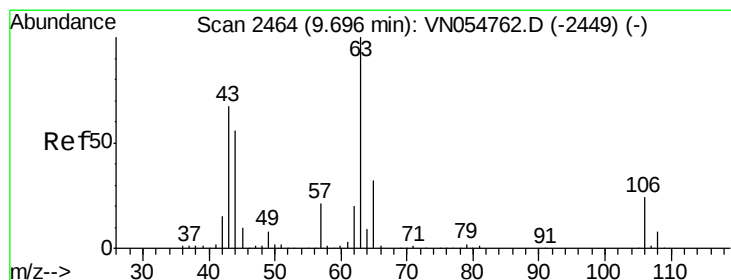
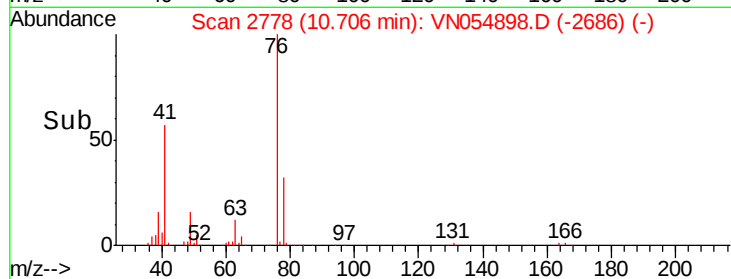
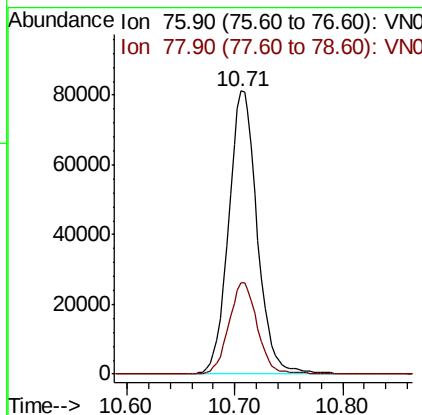
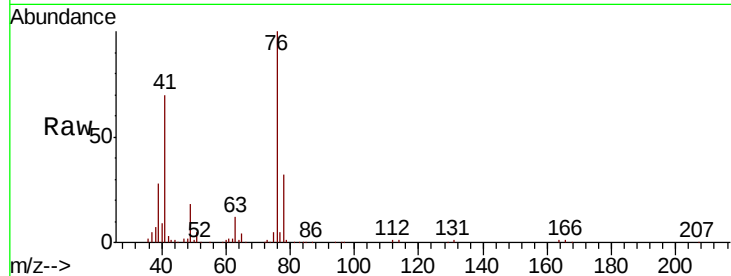




#57  
 1,3-Dichloropropane  
 Concen: 21.975 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. -0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

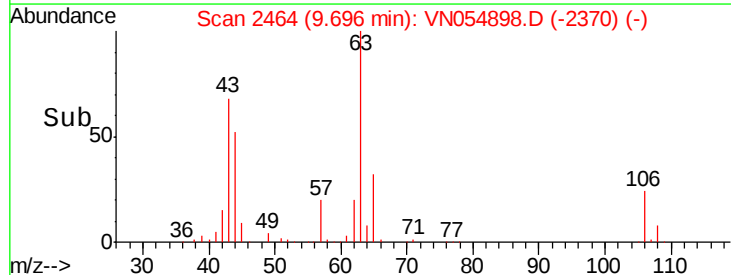
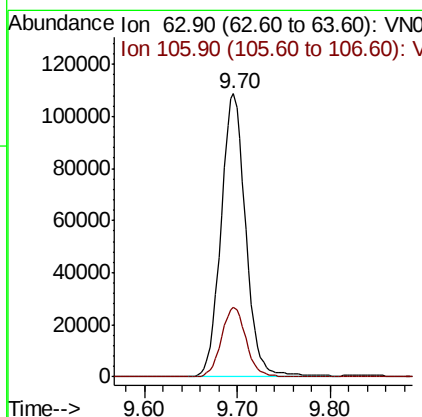
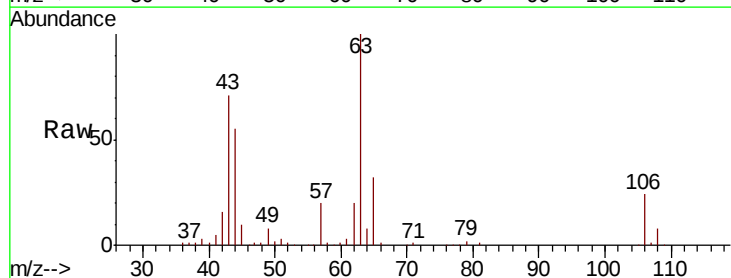
Instrument :  
 MSVOA\_N  
 ClientSampled :

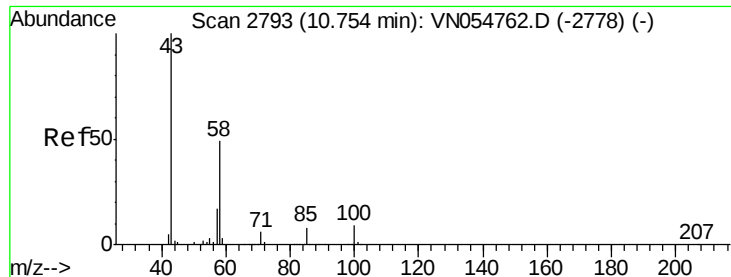
Tot Ion: 76 Resp: 150084  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 25.7 38.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 96.141 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

Tgt Ion: 63 Resp: 200893  
 Ion Ratio Lower Upper  
 63 100  
 106 24.4 24.4 36.6

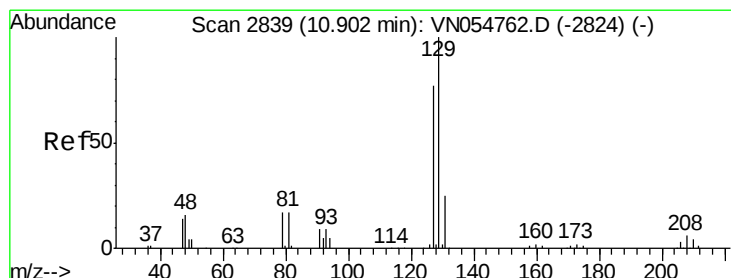
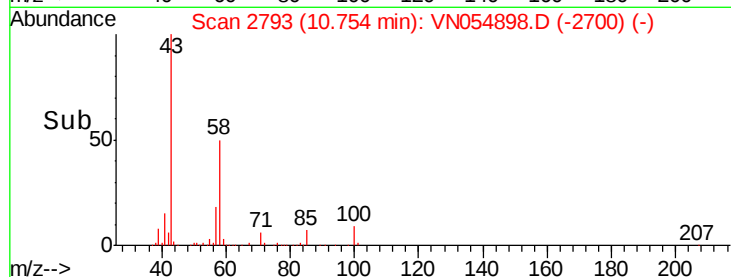
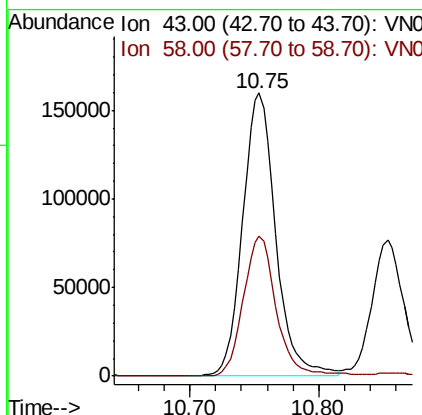
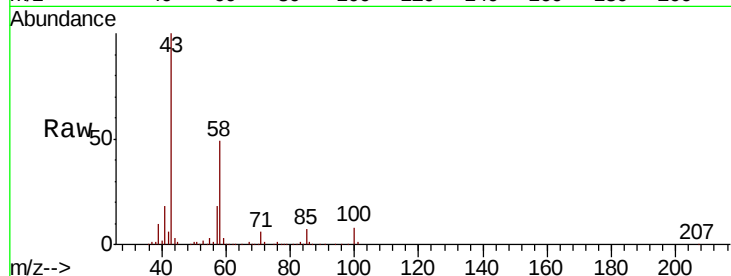




#59  
2-Hexanone  
Concen: 105.188 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

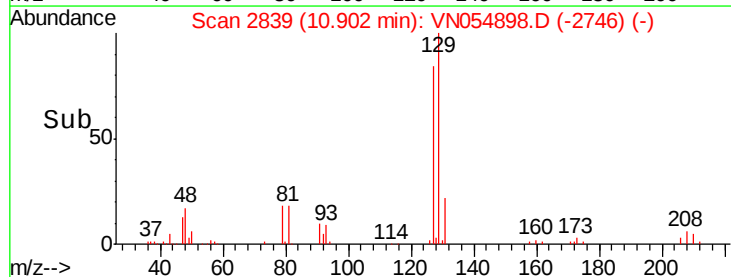
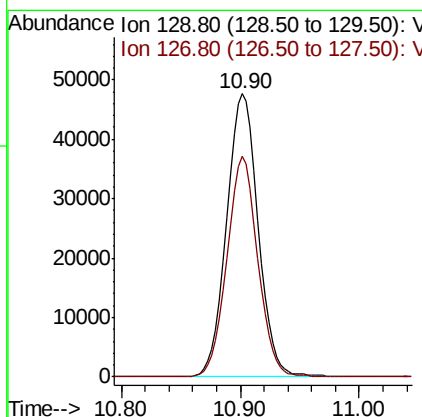
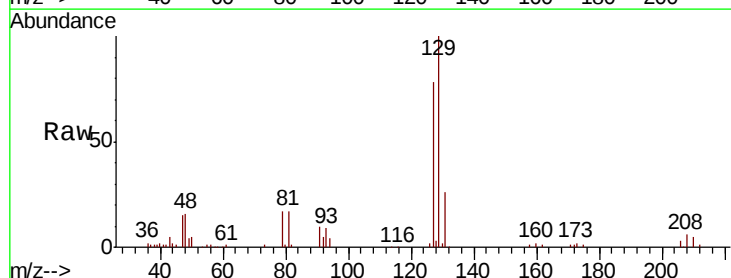
Instrument :  
MSVOA\_N  
ClientSampleId :

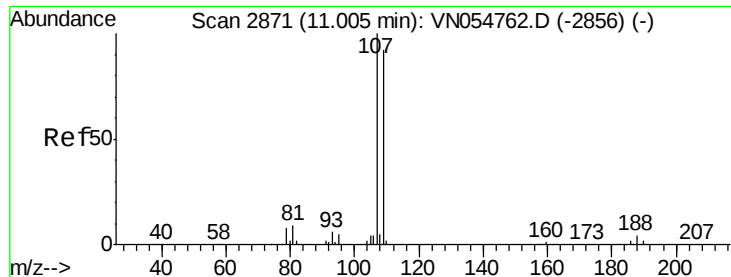
Tot Ion: 43 Resp: 283059  
Ion Ratio Lower Upper  
43 100  
58 49.7 28.0 83.9



#60  
Dibromochloromethane  
Concen: 21.741 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 129 Resp: 87490  
Ion Ratio Lower Upper  
129 100  
127 76.3 38.6 115.8

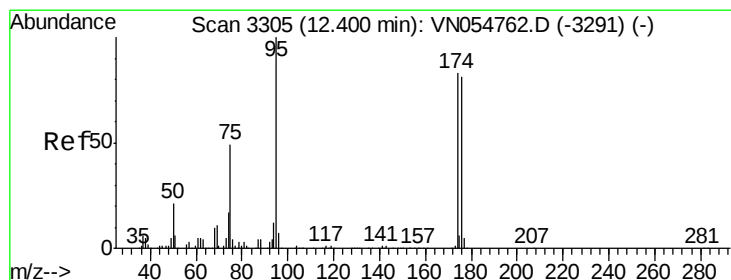
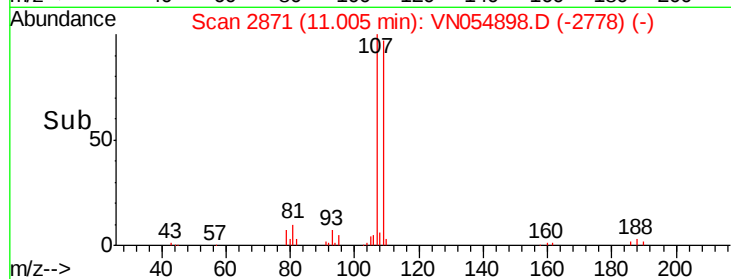
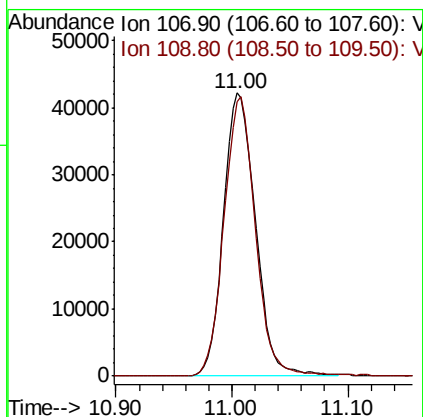
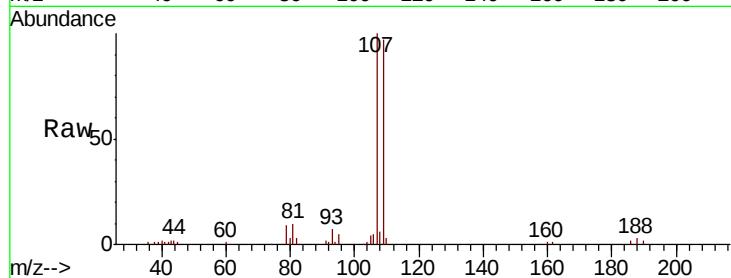




#61  
 1,2-Dibromoethane  
 Concen: 21.213 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. -0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

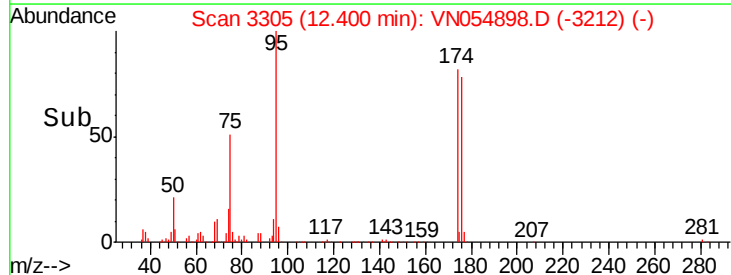
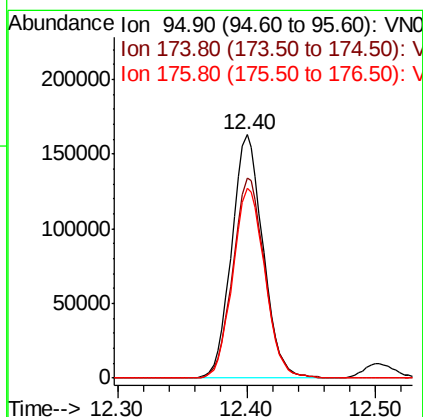
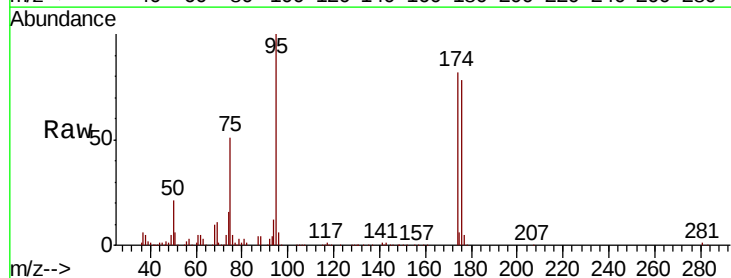
Instrument :  
 MSVOA\_N  
 ClientSampleId :

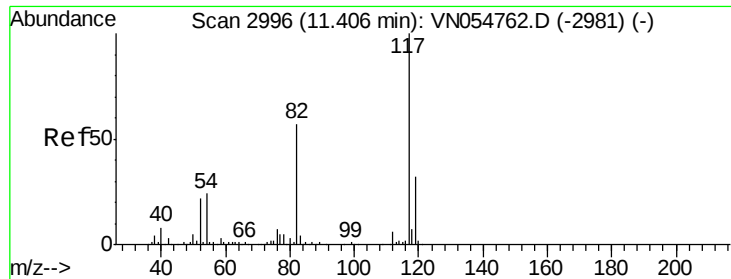
Tot Ion:107 Resp: 80532  
 Ion Ratio Lower Upper  
 107 100  
 109 96.5 75.9 113.9



#62  
 4-Bromofluorobenzene  
 Concen: 49.645 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

Tgt Ion: 95 Resp: 275584  
 Ion Ratio Lower Upper  
 95 100  
 174 83.9 0.0 191.0  
 176 80.0 0.0 187.4

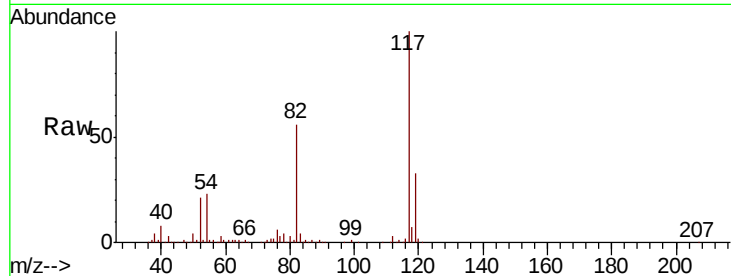




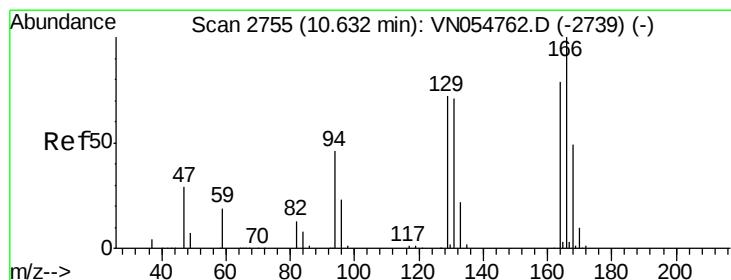
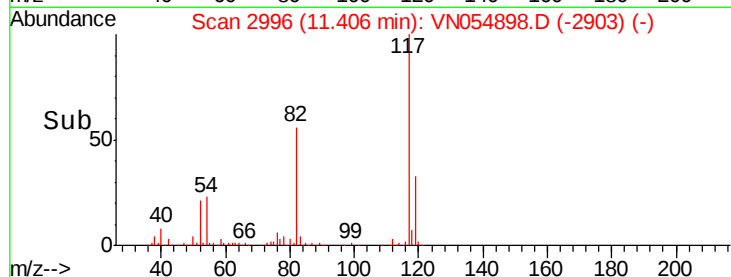
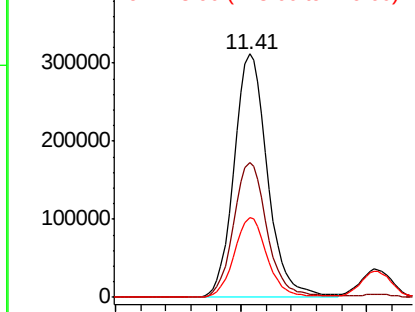
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 578174  
Ion Ratio Lower Upper  
117 100  
82 55.5 40.0 60.0  
119 32.6 25.8 38.6

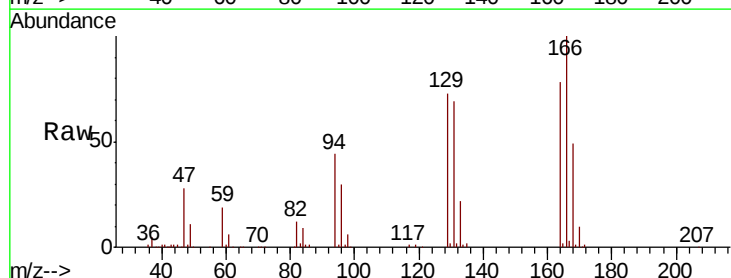


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

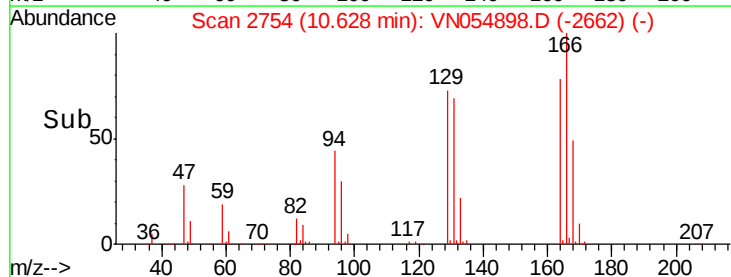
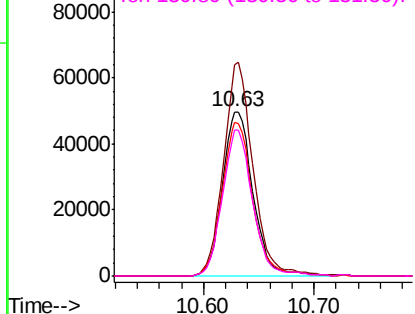


#64  
Tetrachloroethene  
Concen: 21.623 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. -0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion:164 Resp: 95934  
Ion Ratio Lower Upper  
164 100  
166 128.3 103.9 155.9  
129 93.6 71.1 106.7  
131 89.0 68.2 102.4



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

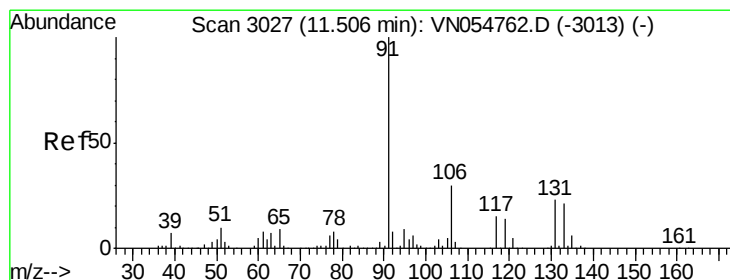
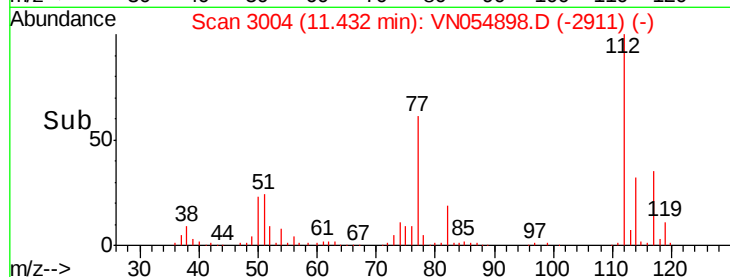
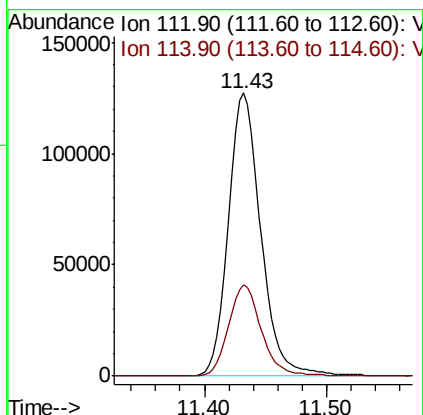
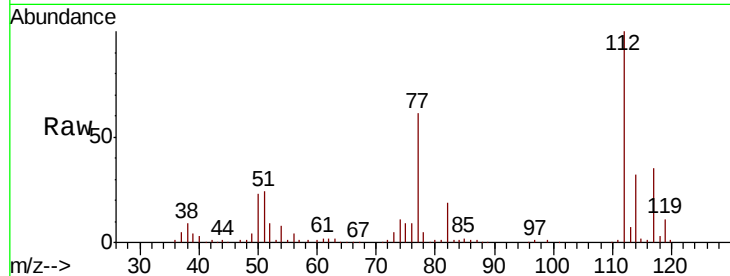




#65  
Chlorobenzene  
Concen: 20.859 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

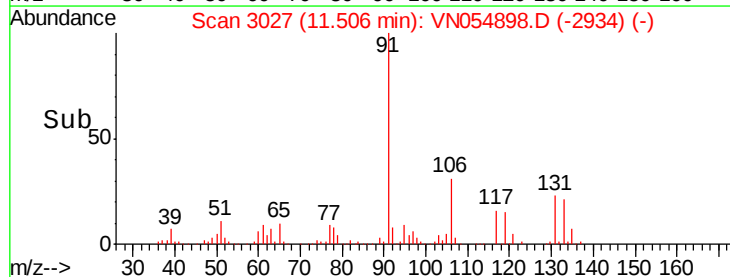
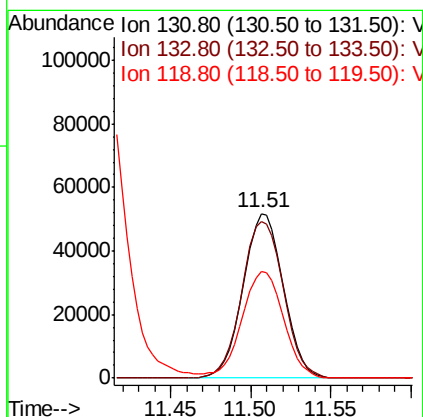
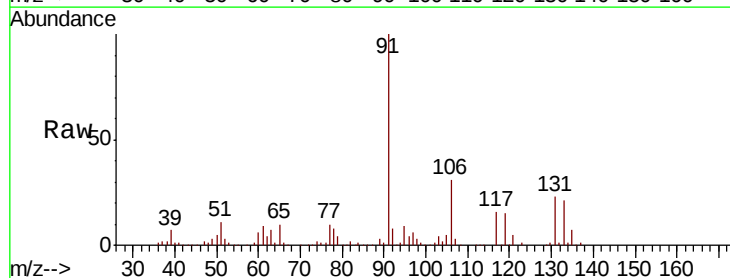
Instrument :  
MSVOA\_N  
ClientSampled :

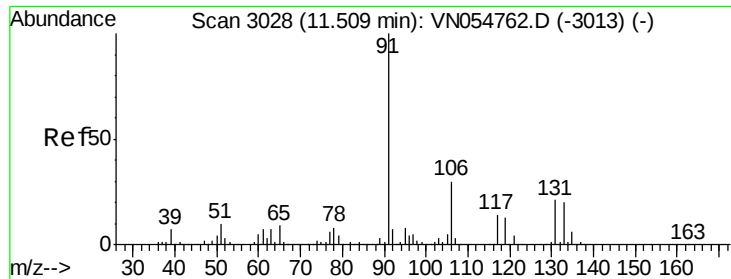
Tot Ion:112 Resp: 236119  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.072 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion:131 Resp: 89282  
Ion Ratio Lower Upper  
131 100  
133 97.9 47.6 142.9  
119 66.7 32.4 97.0

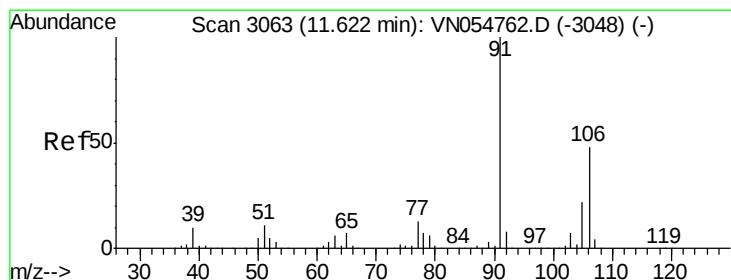
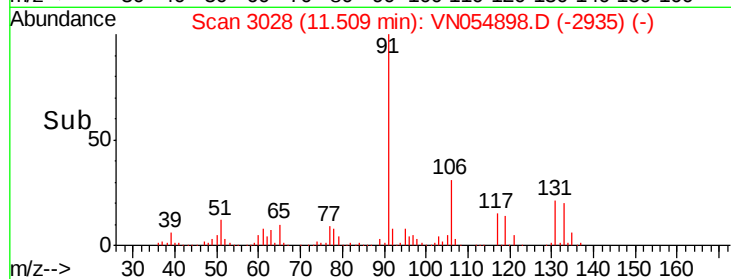
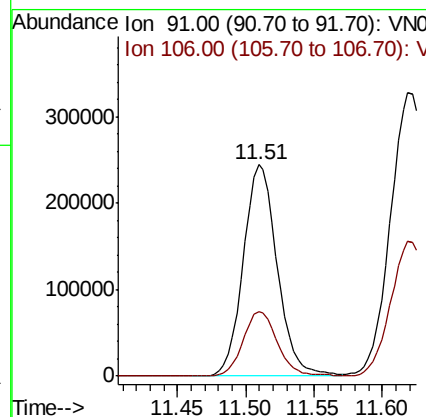
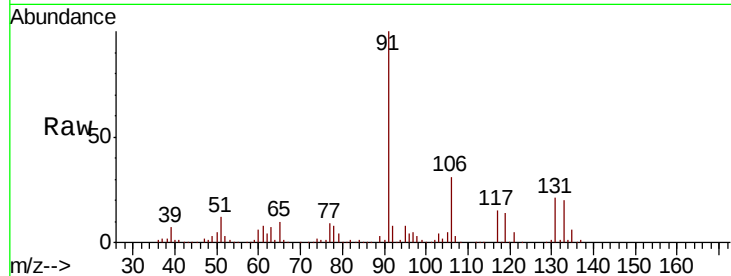




#67  
Ethyl Benzene  
Concen: 20.744 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

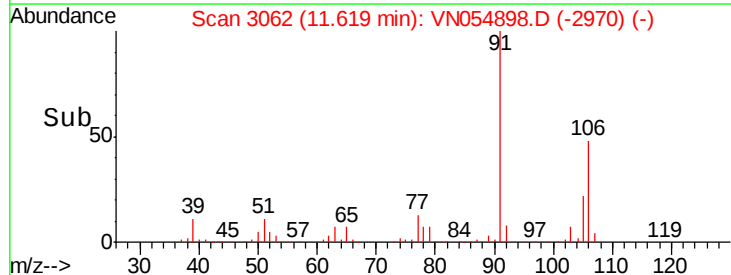
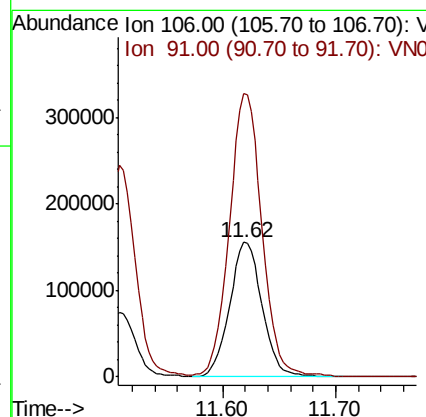
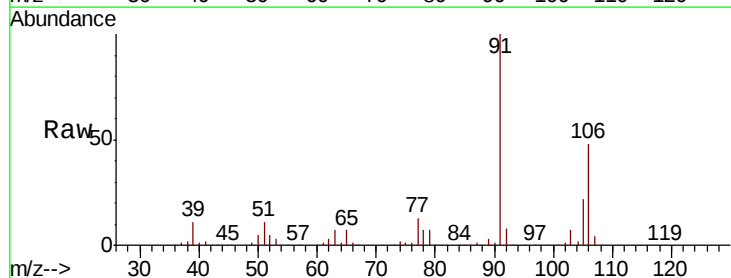
Instrument :  
MSVOA\_N  
ClientSampled :

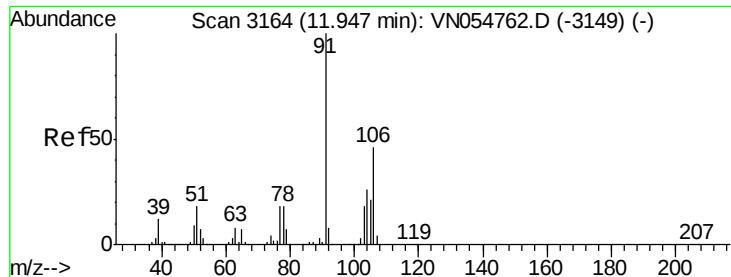
Tot Ion: 91 Resp: 423743  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.5 38.3



#68  
m/p-Xylenes  
Concen: 40.706 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 106 Resp: 307717  
Ion Ratio Lower Upper  
106 100  
91 213.5 159.4 239.2

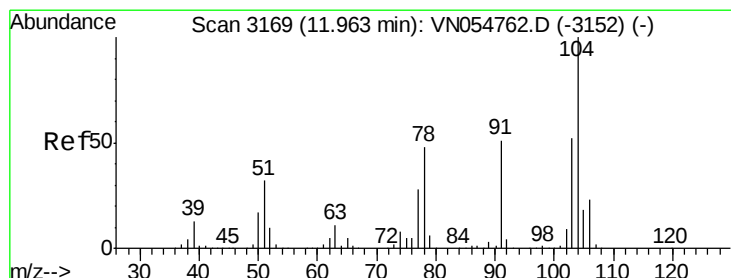
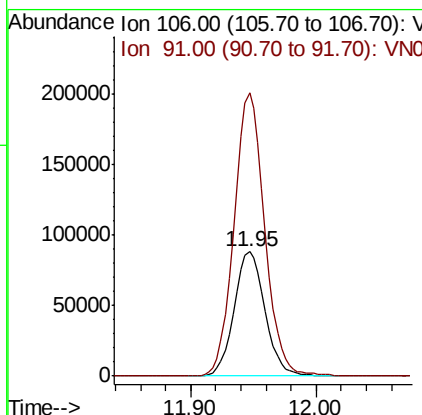
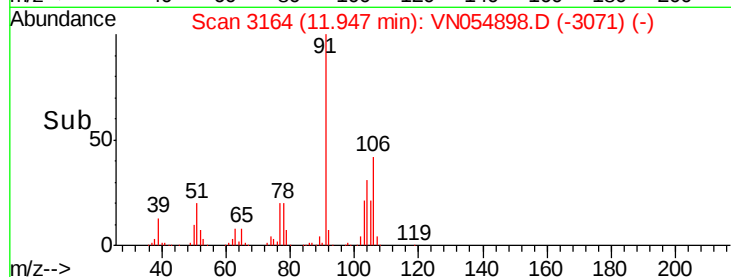
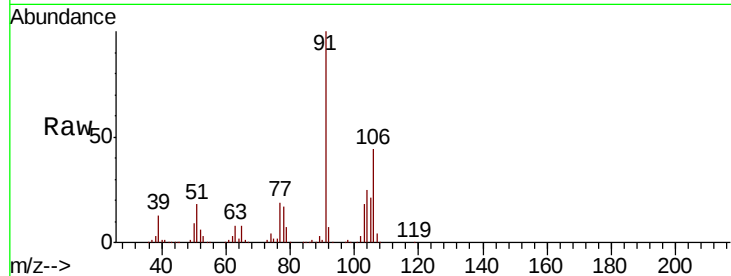




#69  
o-Xylene  
Concen: 20.387 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

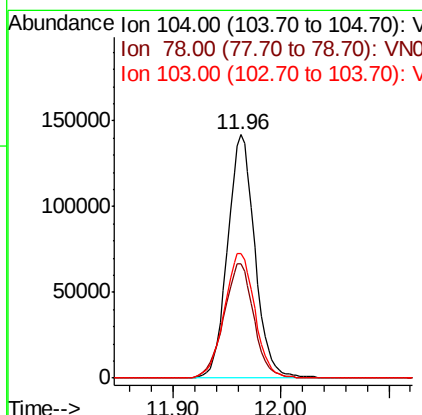
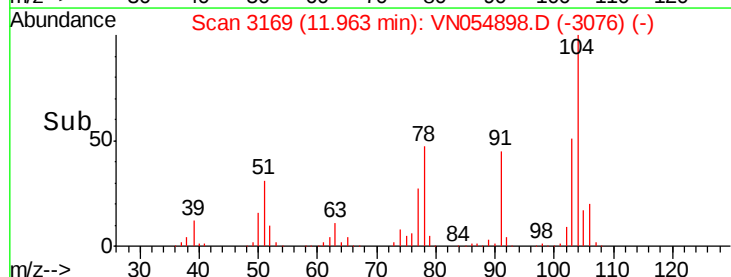
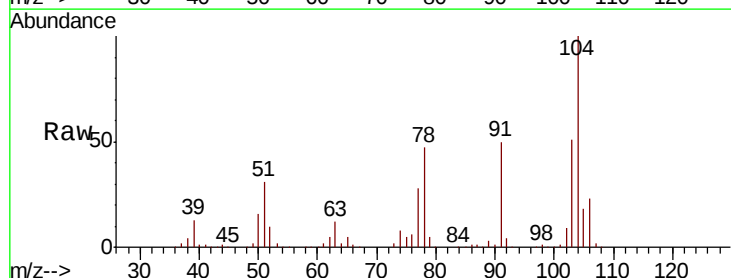
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:106 Resp: 151124  
Ion Ratio Lower Upper  
106 100  
91 225.5 105.7 317.1



#70  
Styrene  
Concen: 21.117 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion:104 Resp: 250283  
Ion Ratio Lower Upper  
104 100  
78 51.8 38.2 57.2  
103 57.2 44.4 66.6

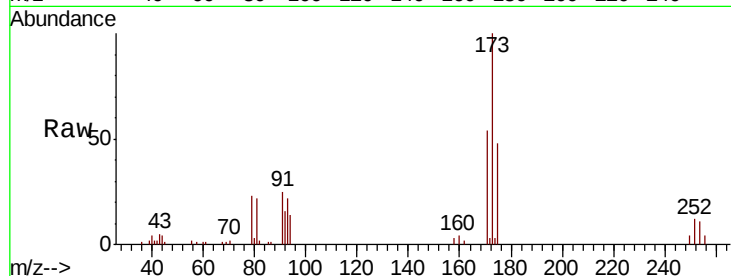




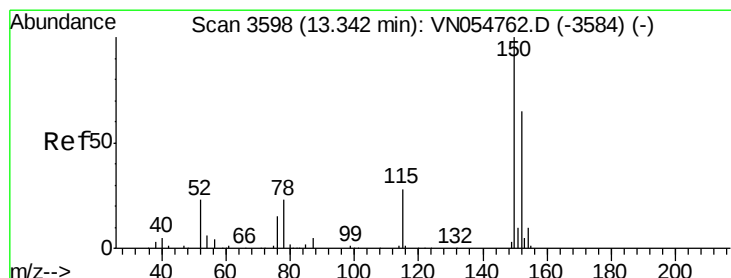
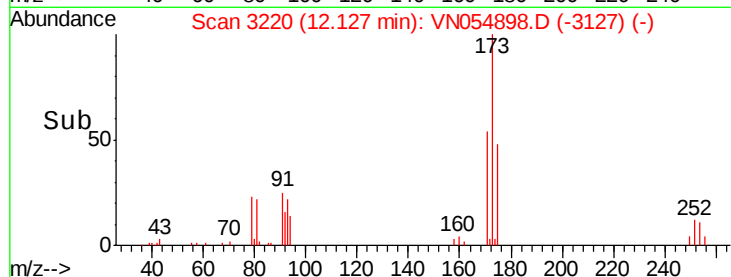
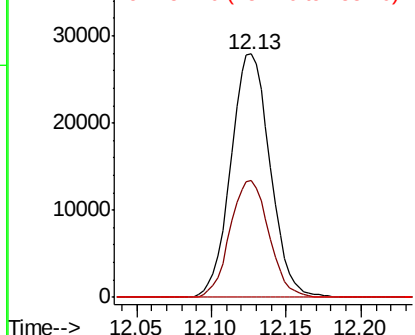
#71  
Bromoform  
Concen: 20.542 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:173 Resp: 50991  
Ion Ratio Lower Upper  
173 100  
175 47.3 24.4 73.2  
254 0.0 0.1 0.1#

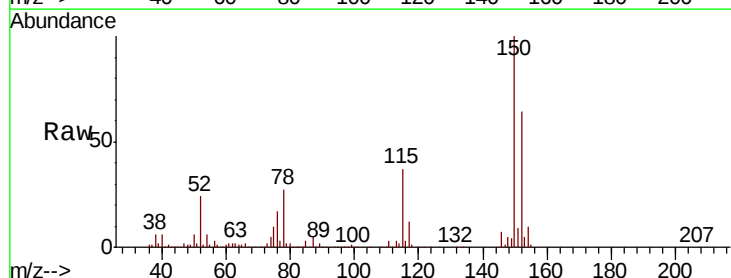


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

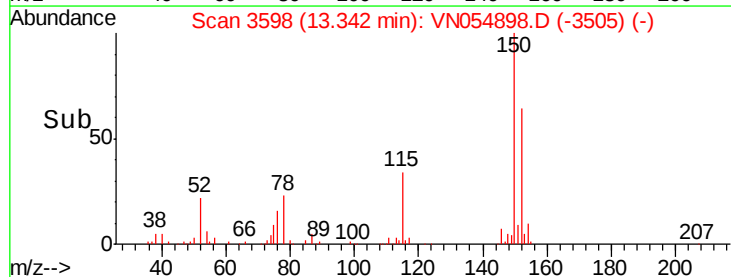
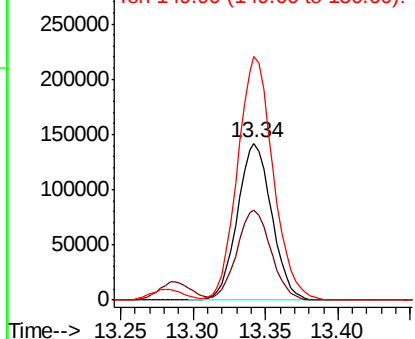


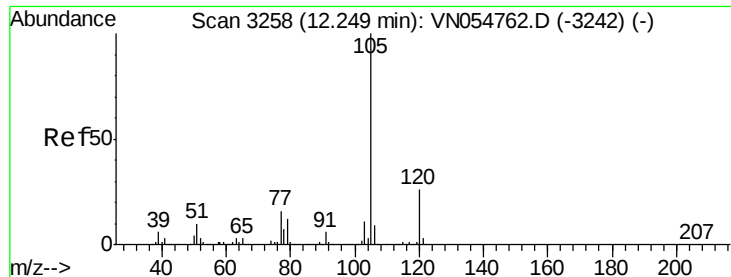
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion:152 Resp: 232888  
Ion Ratio Lower Upper  
152 100  
115 57.3 27.2 81.6  
150 160.9 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.703 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

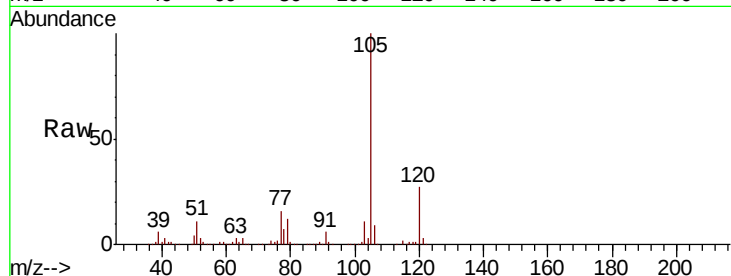
ClientSampled :

Tot Ion:105 Resp: 413118

Ion Ratio Lower Upper

105 100

120 26.1 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

250000

200000

150000

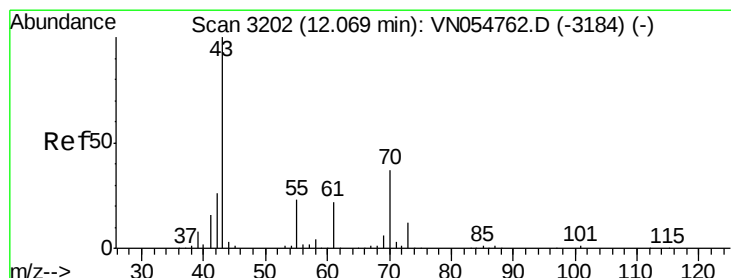
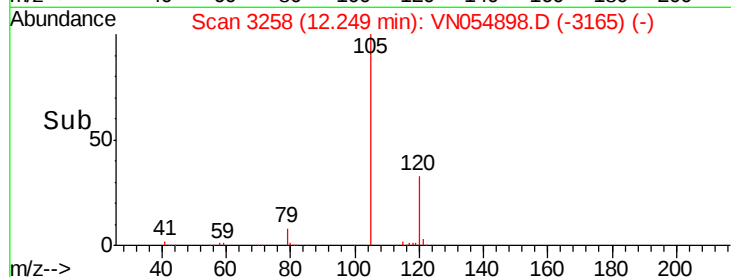
100000

50000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 20.359 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Tgt Ion: 43 Resp: 120735

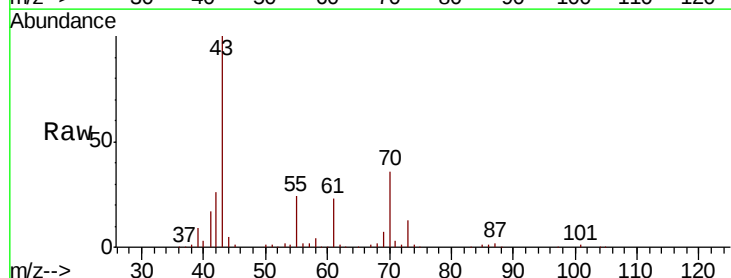
Ion Ratio Lower Upper

43 100

70 36.1 35.4 53.0

55 23.5 19.8 29.6

61 22.1 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

100000

80000

60000

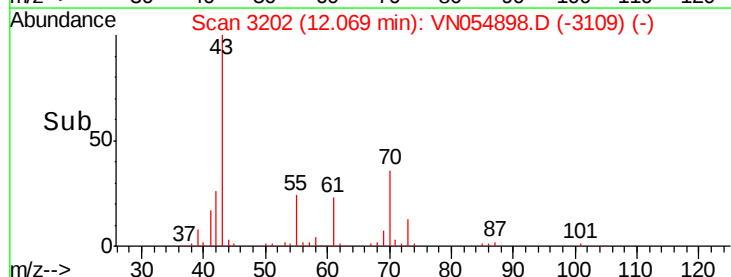
40000

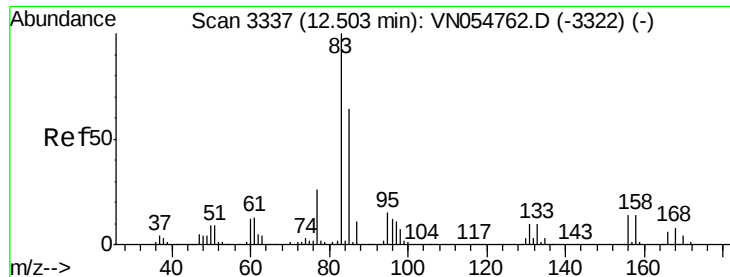
20000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 24.243 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

ClientSampled :

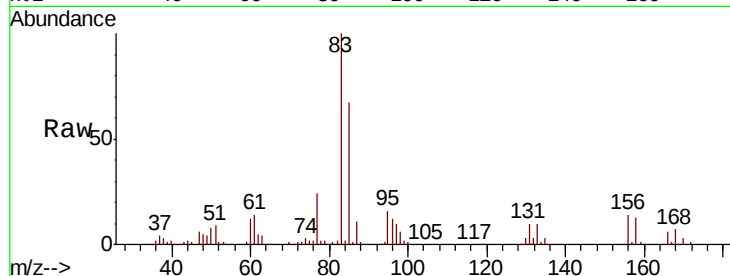
Tot Ion: 83 Resp: 105432

Ion Ratio Lower Upper

83 100

131 10.0 5.8 17.4

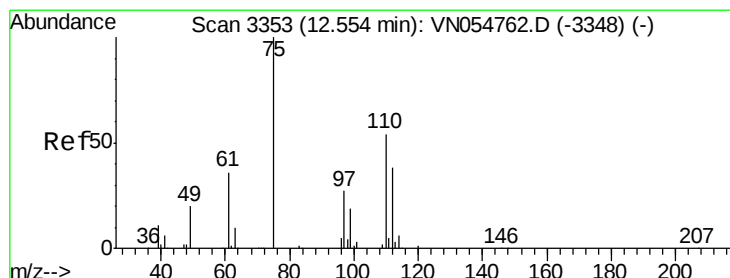
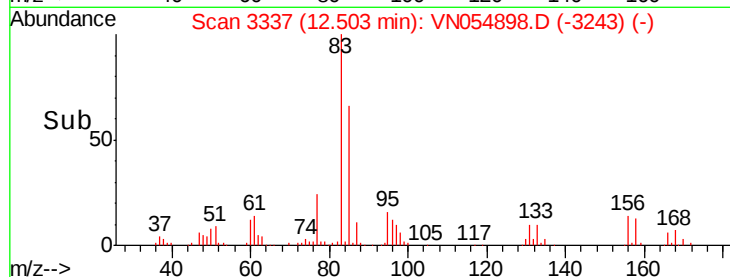
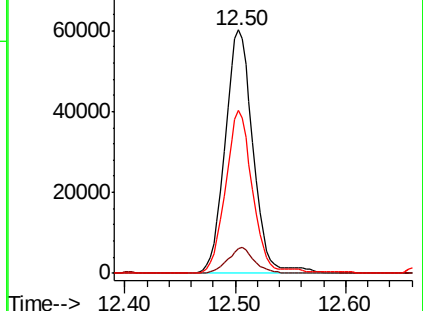
85 63.7 32.2 96.6



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: 29.091 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054898.D

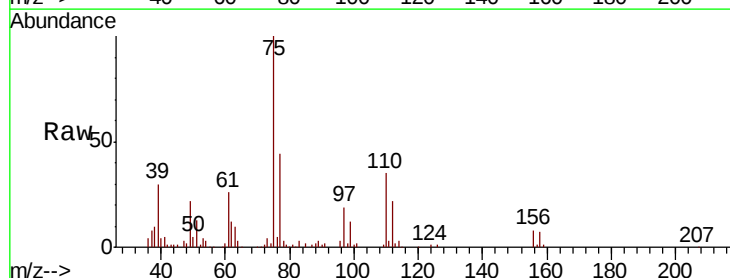
Acq: 2 Apr 2019 13:39

Tgt Ion: 75 Resp: 117696

Ion Ratio Lower Upper

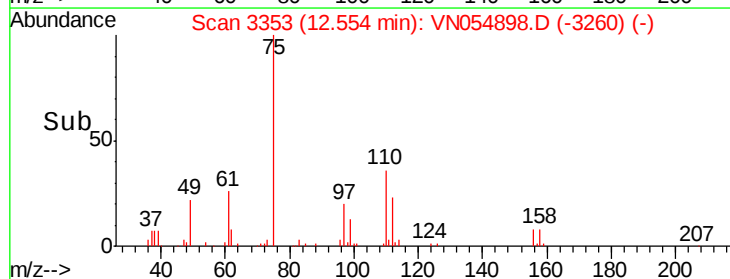
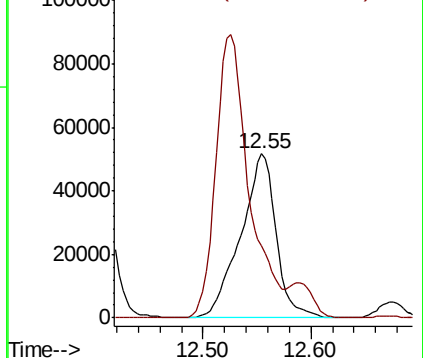
75 100

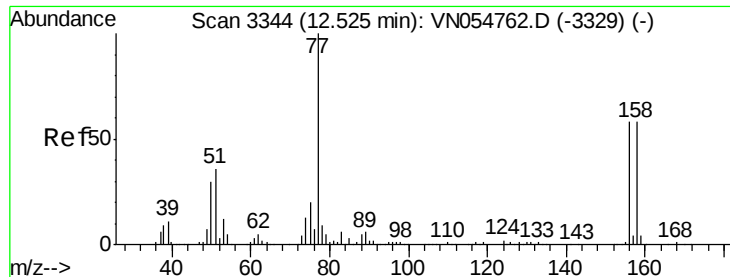
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.466 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

ClientSampled :

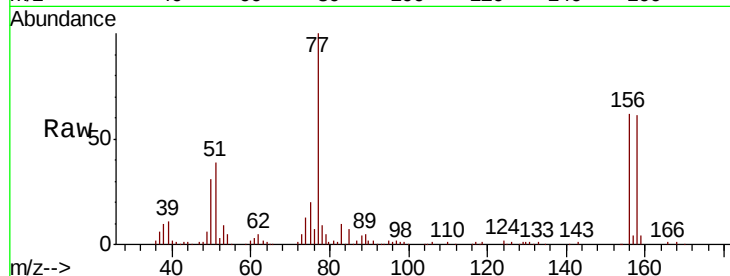
Tot Ion:156 Resp: 98617

Ion Ratio Lower Upper

156 100

77 192.7 81.5 244.4

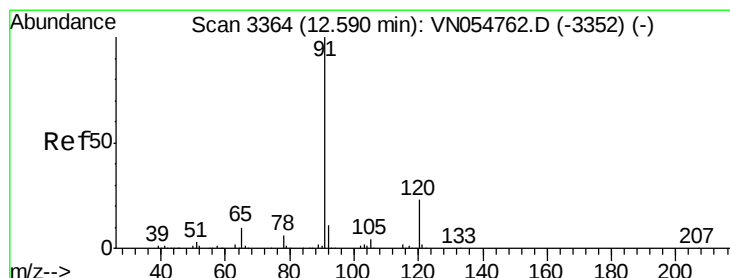
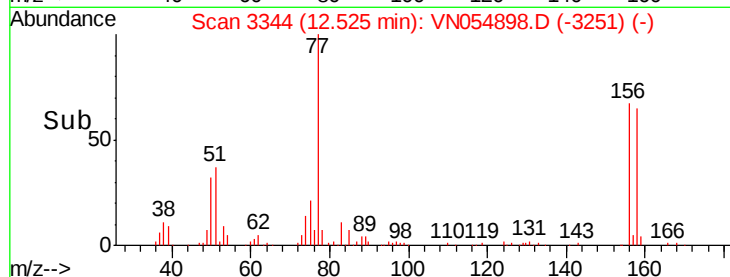
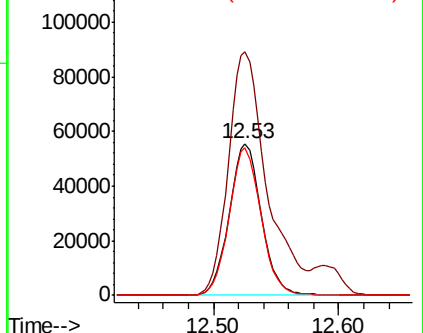
158 96.1 49.0 147.2



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: 21.400 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054898.D

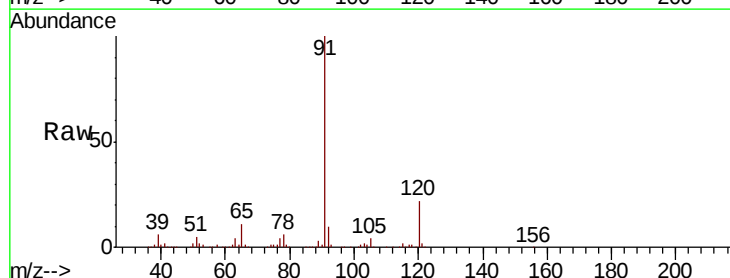
Acq: 2 Apr 2019 13:39

Tgt Ion: 91 Resp: 447738

Ion Ratio Lower Upper

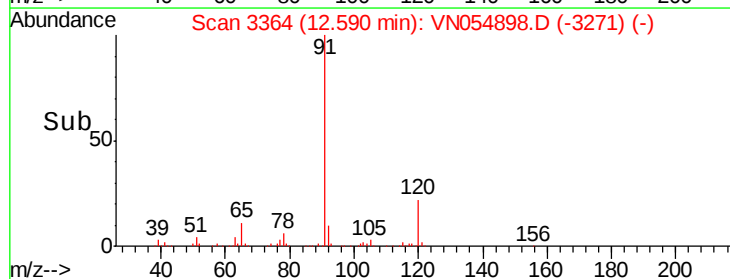
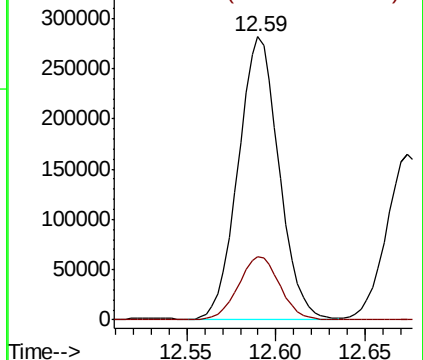
91 100

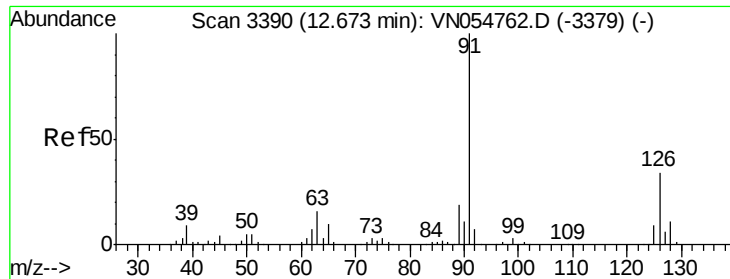
120 22.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

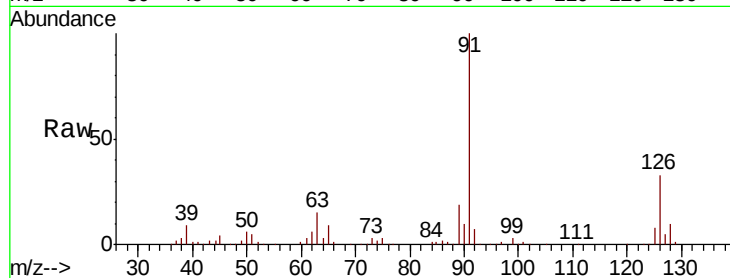




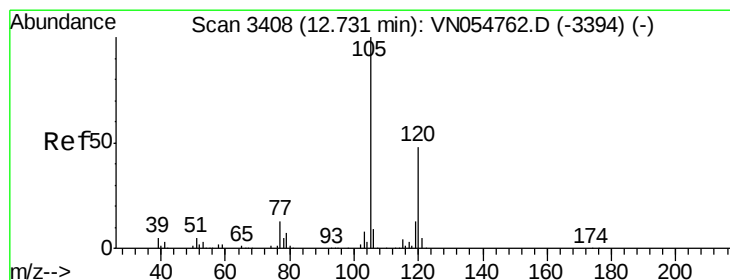
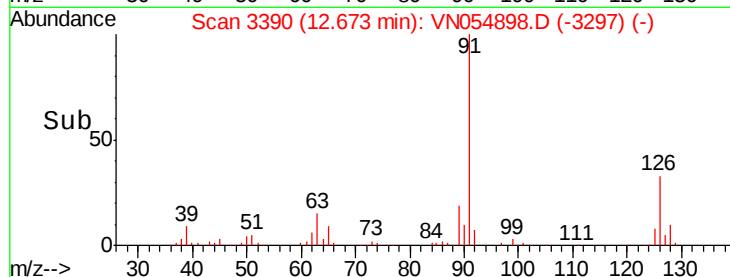
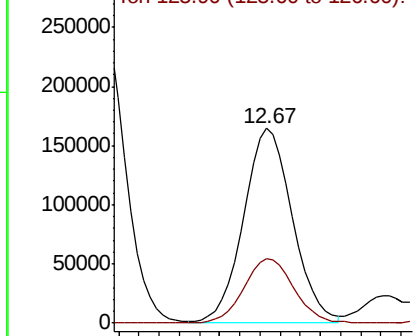
#79  
 2-Chlorotoluene  
 Concen: 21.446 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion: 91 Resp: 277587  
 Ion Ratio Lower Upper  
 91 100  
 126 34.1 18.7 56.1

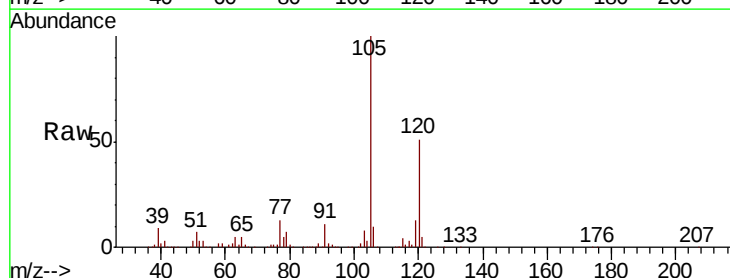


Abundance Ion 91.00 (90.70 to 91.70): VN054762.D (-3379) (-)  
 Ion 125.90 (125.60 to 126.60): VN054762.D (-3379) (-)

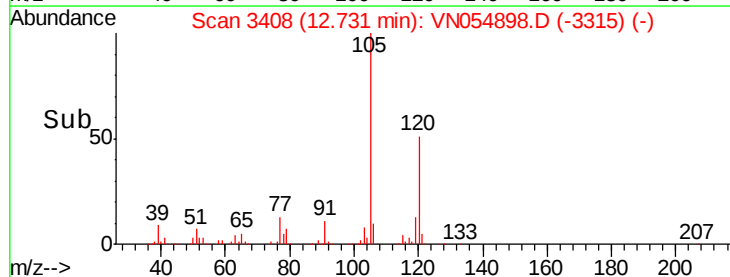
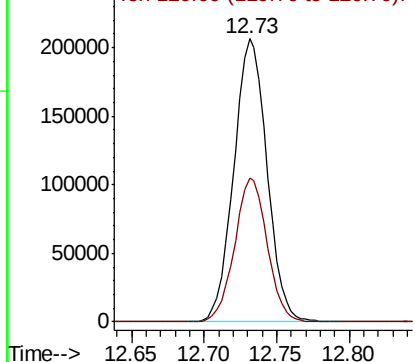


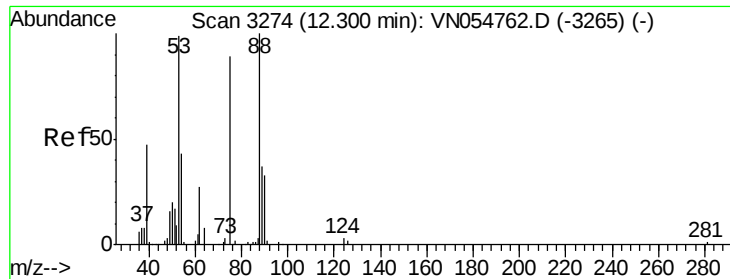
#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.900 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

Tgt Ion: 105 Resp: 326439  
 Ion Ratio Lower Upper  
 105 100  
 120 50.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054762.D (-3394) (-)  
 Ion 120.00 (119.70 to 120.70): VN054762.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.477 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

ClientSampled :

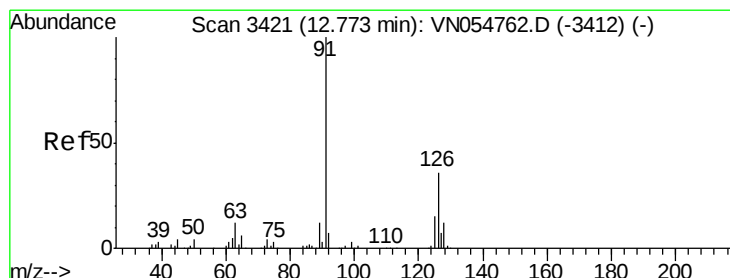
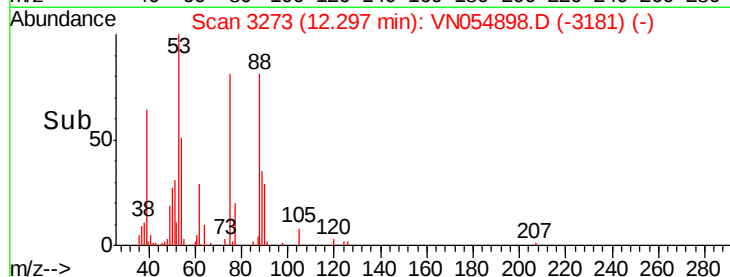
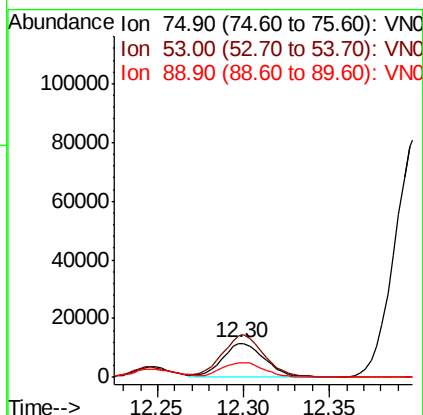
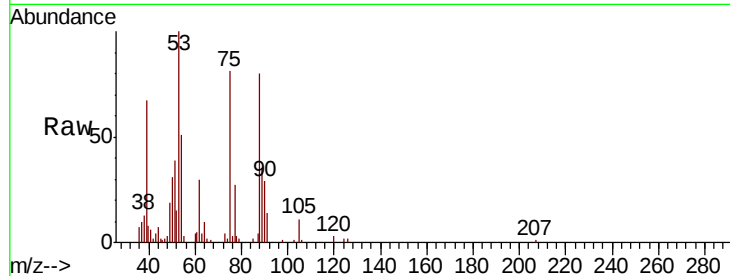
Tot Ion: 75 Resp: 20258

Ion Ratio Lower Upper

75 100

53 124.0 76.2 114.2#

89 43.5 39.2 58.8



#82

4-Chlorotoluene

Concen: 20.665 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054898.D

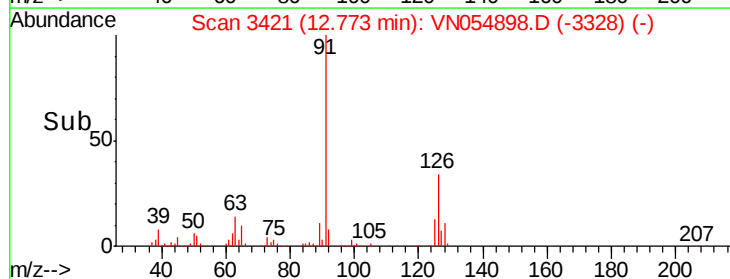
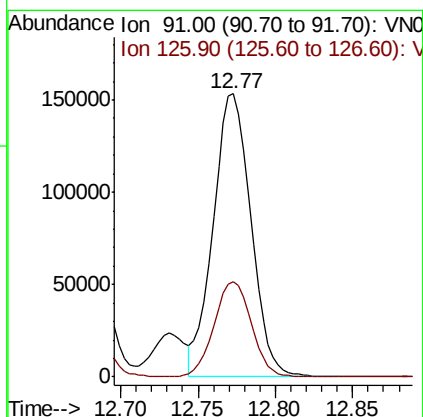
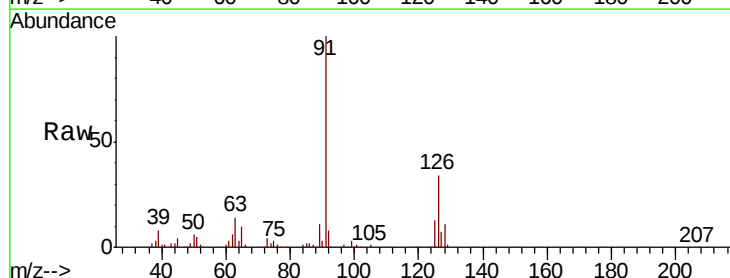
Acq: 2 Apr 2019 13:39

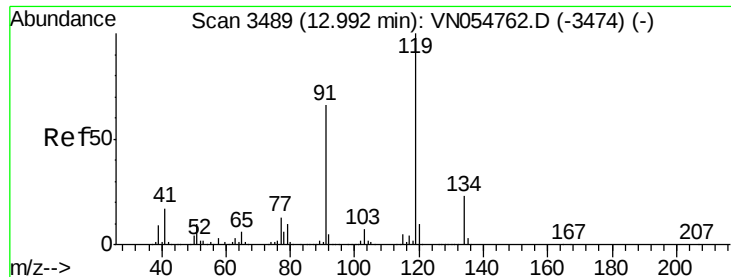
Tgt Ion: 91 Resp: 259797

Ion Ratio Lower Upper

91 100

126 33.5 18.1 54.1

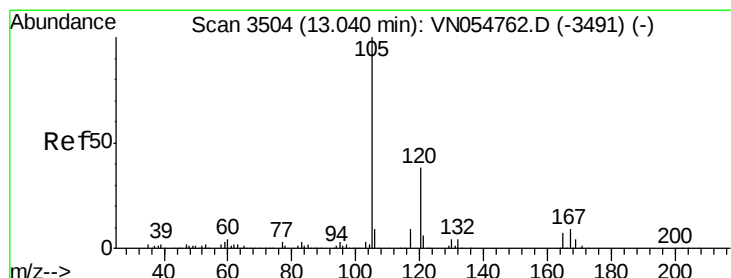
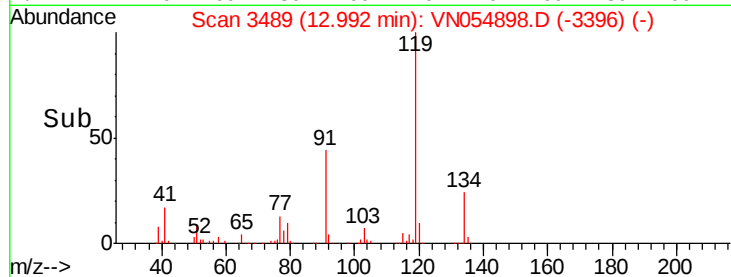
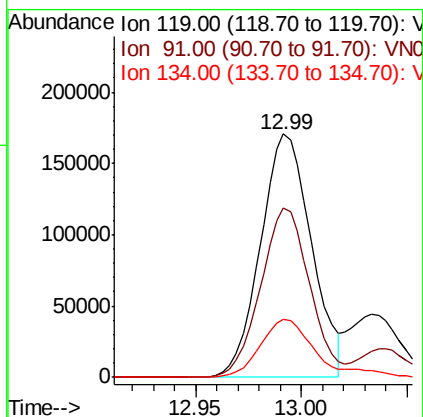
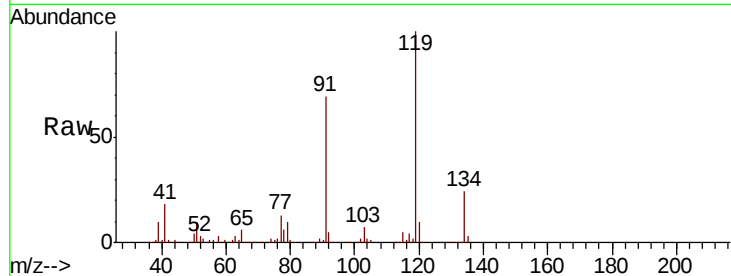




#83  
 tert-Butylbenzene  
 Concen: 22.542 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

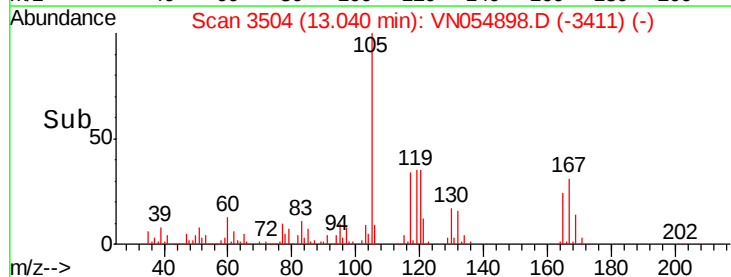
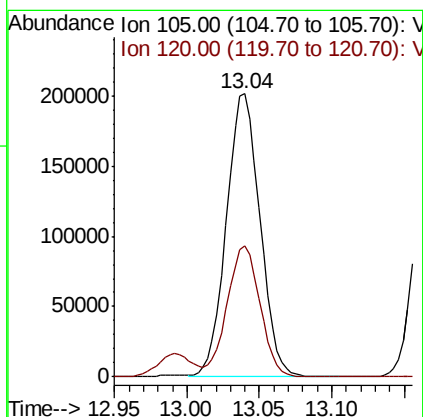
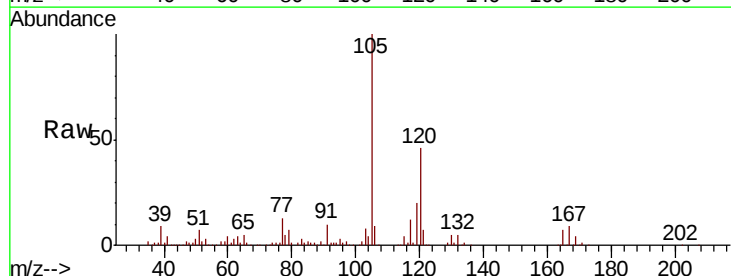
Instrument :  
 MSVOA\_N  
 ClientSampled :

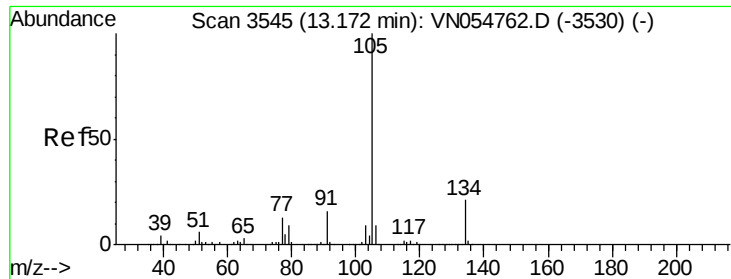
Tot Ion:119 Resp: 286670  
 Ion Ratio Lower Upper  
 119 100  
 91 66.9 30.9 92.8  
 134 26.1 13.2 39.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.775 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

Tgt Ion:105 Resp: 324017  
 Ion Ratio Lower Upper  
 105 100  
 120 45.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 21.386 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

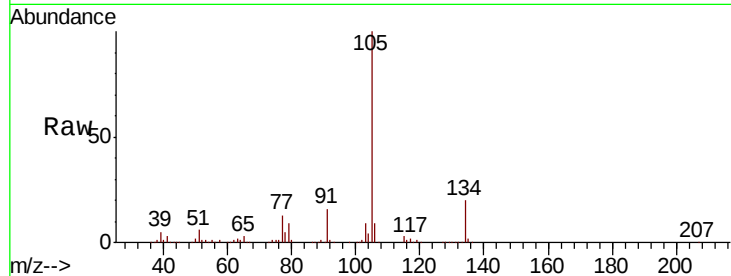
ClientSampled :

Tot Ion:105 Resp: 362857

Ion Ratio Lower Upper

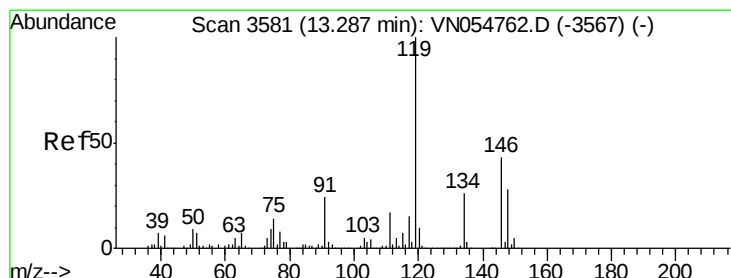
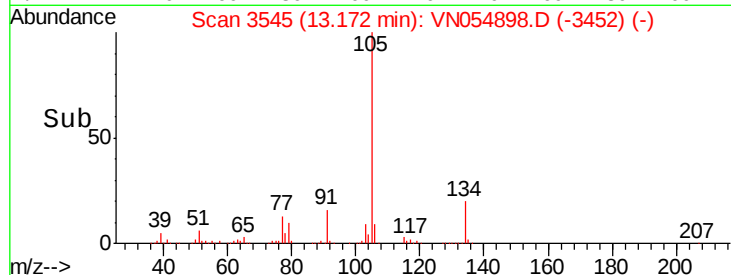
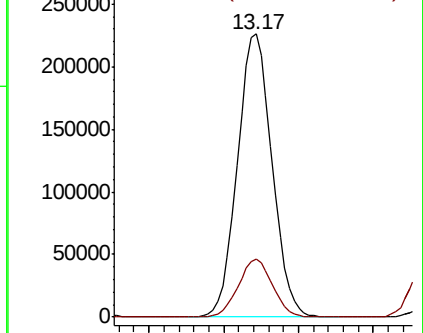
105 100

134 20.2 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.006 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

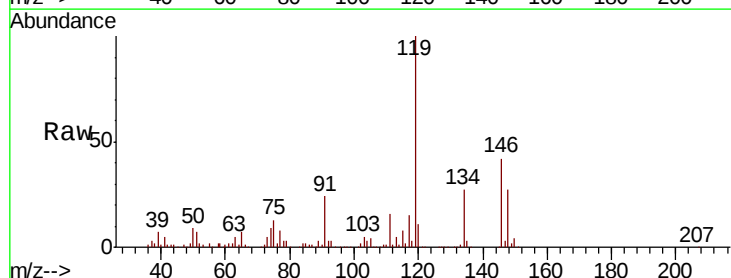
Tgt Ion:119 Resp: 314346

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

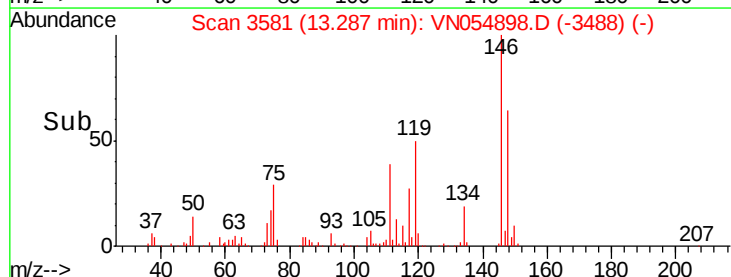
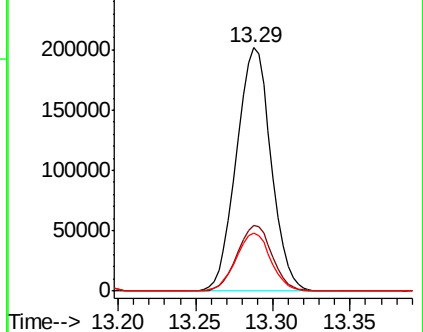
91 23.8 11.1 33.3

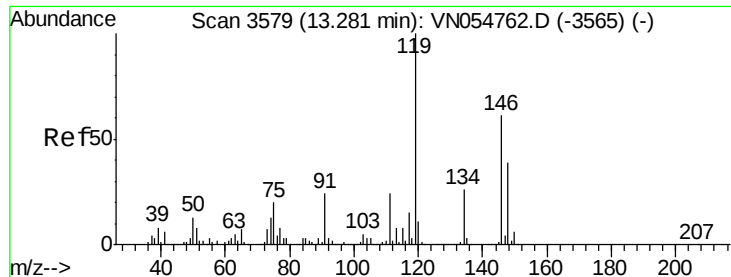


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

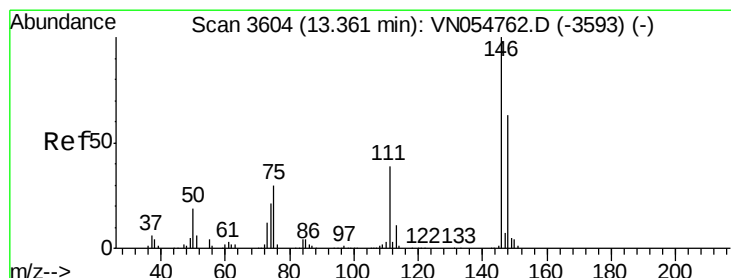
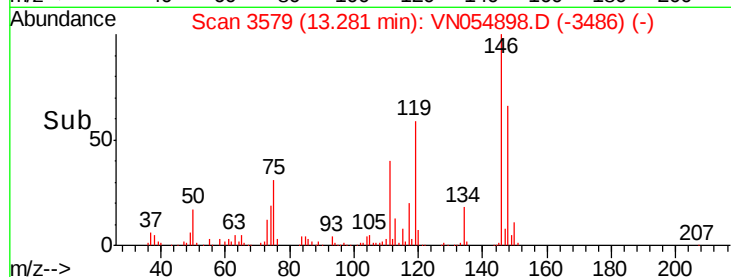
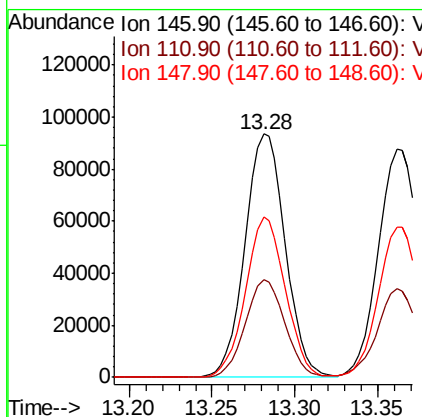
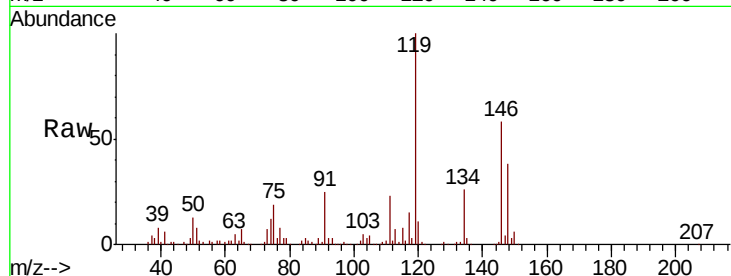




#87  
 1,3-Dichlorobenzene  
 Concen: 20.515 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

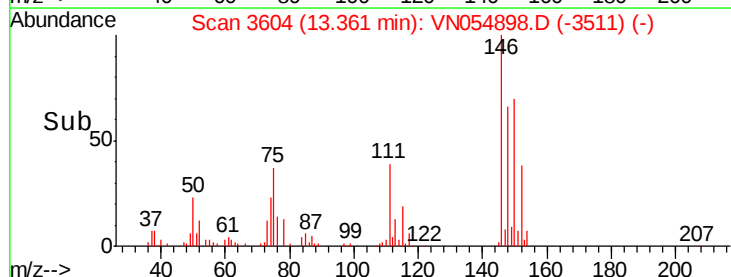
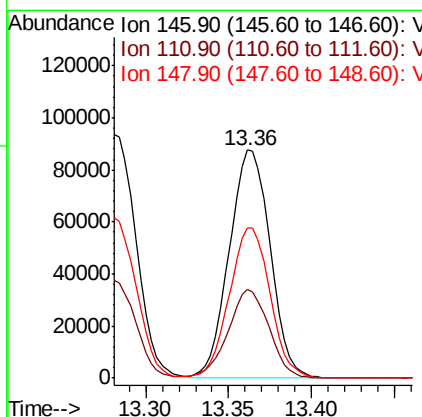
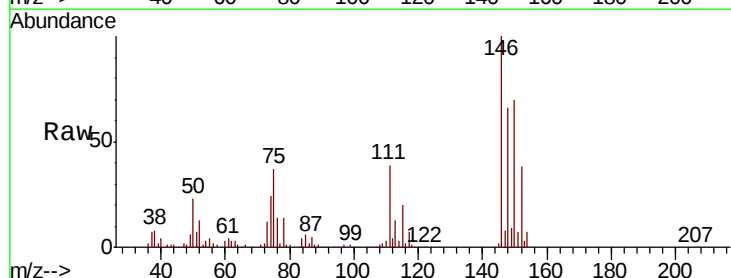
Instrument :  
 MSVOA\_N  
 ClientSampleId :

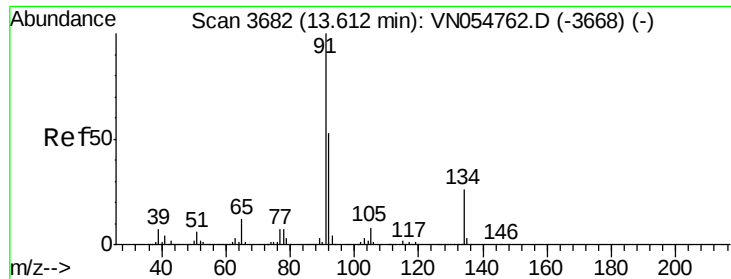
Tot Ion:146 Resp: 157791  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 18.8 56.3  
 148 64.8 32.2 96.6



#88  
 1,4-Dichlorobenzene  
 Concen: 19.968 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

Tgt Ion:146 Resp: 150636  
 Ion Ratio Lower Upper  
 146 100  
 111 39.1 18.1 54.1  
 148 65.7 32.0 96.0

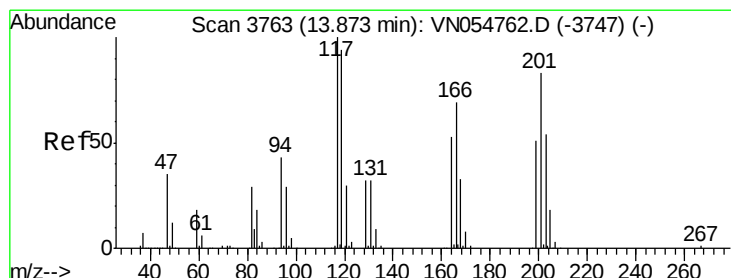
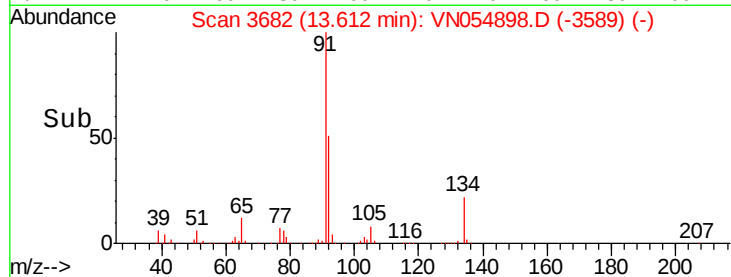
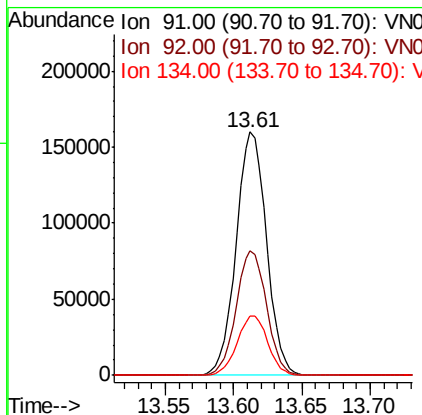
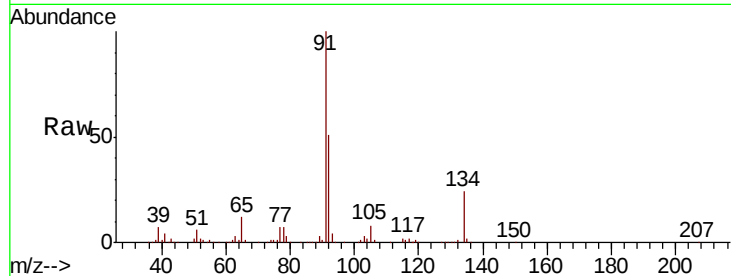




#89  
n-Butylbenzene  
Concen: 20.250 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. -0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

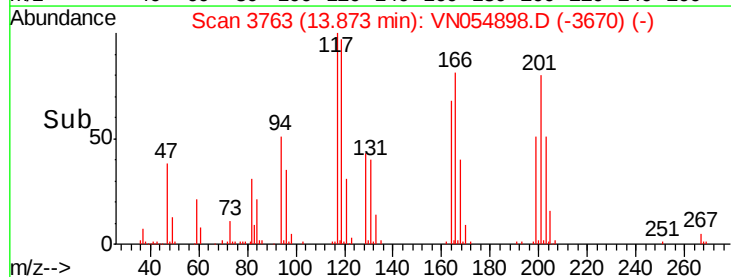
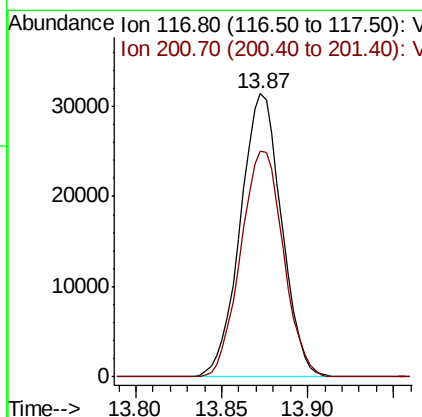
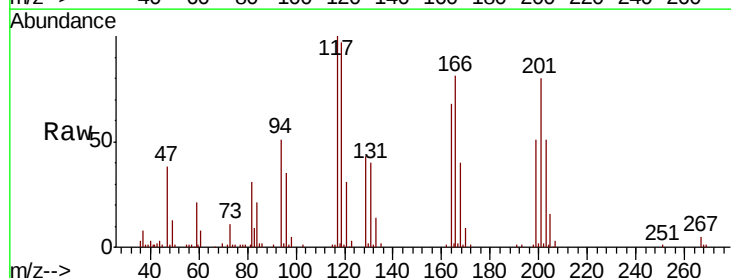
Instrument :  
MSVOA\_N  
ClientSampleId :

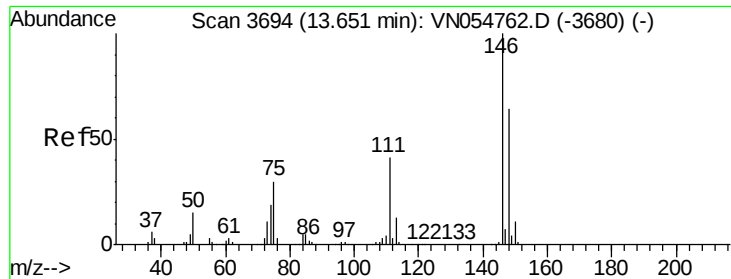
Tot Ion: 91 Resp: 247243  
Ion Ratio Lower Upper  
91 100  
92 51.2 26.2 78.6  
134 24.7 14.3 42.9



#90  
Hexachloroethane  
Concen: 20.533 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN054898.D  
Acq: 2 Apr 2019 13:39

Tgt Ion: 117 Resp: 52170  
Ion Ratio Lower Upper  
117 100  
201 82.4 48.1 144.4





#91

1,2-Dichlorobenzene

Concen: 20.325 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Instrument :

MSVOA\_N

ClientSampleId :

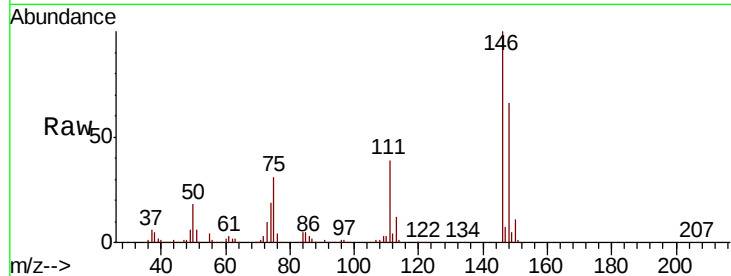
Tot Ion:146 Resp: 157777

Ion Ratio Lower Upper

146 100

111 40.4 19.1 57.3

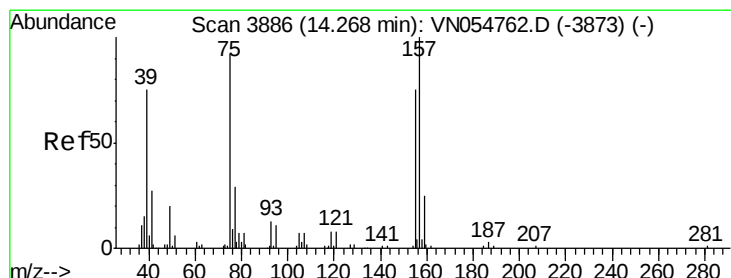
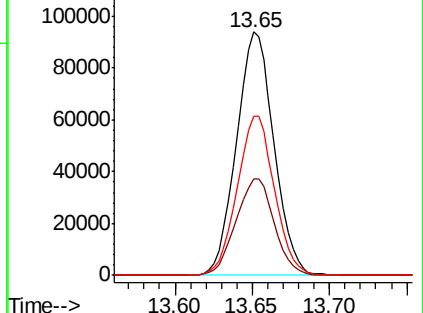
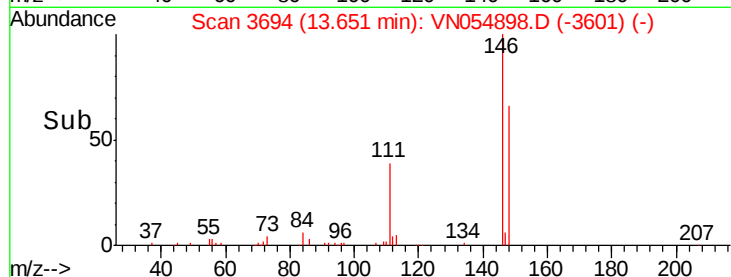
148 64.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.474 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

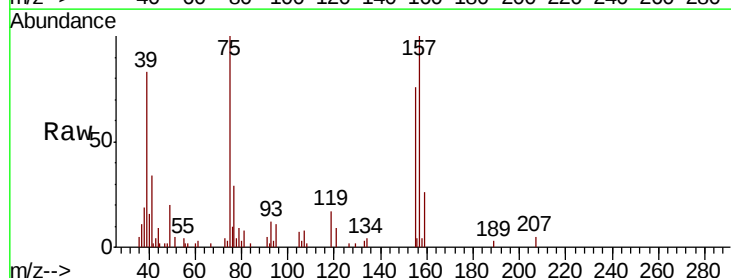
Tgt Ion: 75 Resp: 14625

Ion Ratio Lower Upper

75 100

155 77.3 50.1 150.3

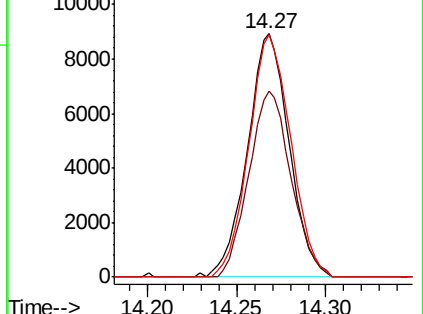
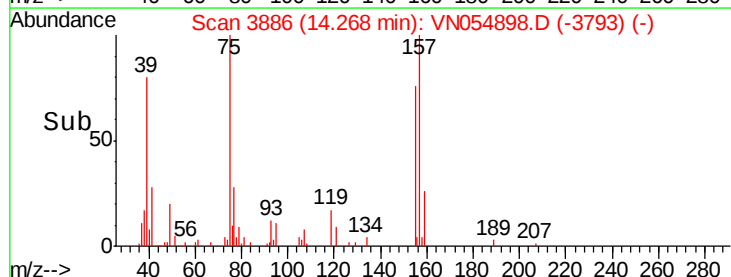
157 100.0 63.1 189.3

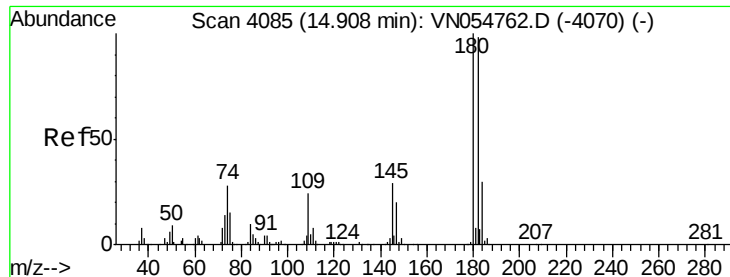


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

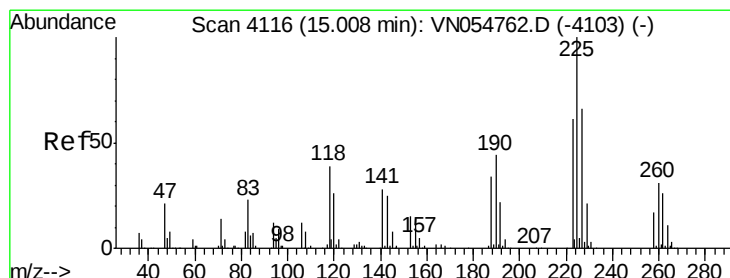
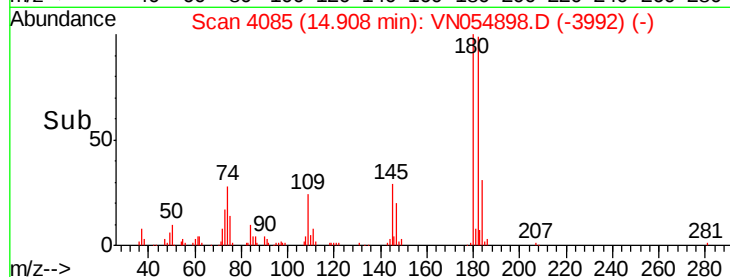
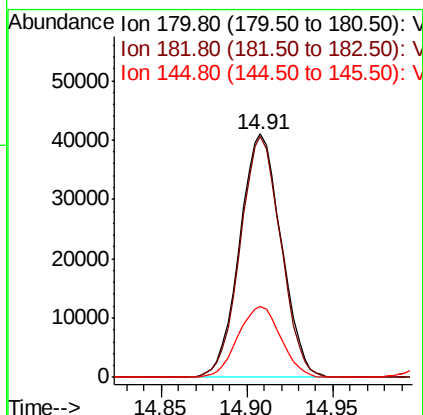
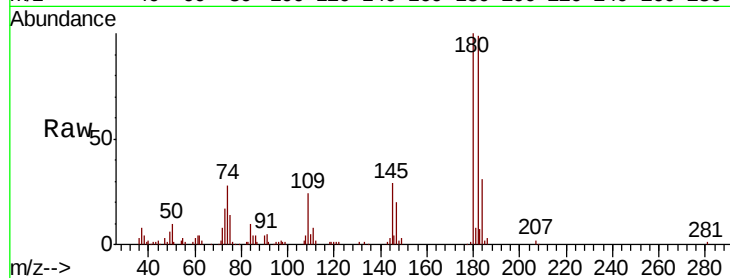




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.429 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. -0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

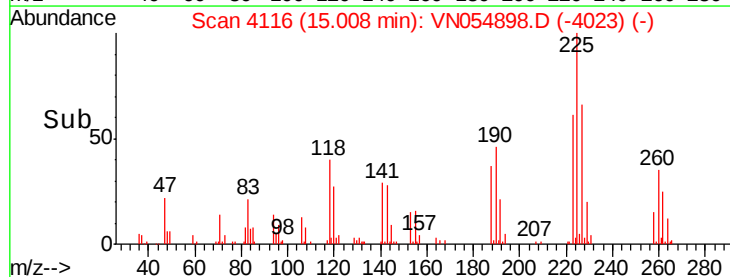
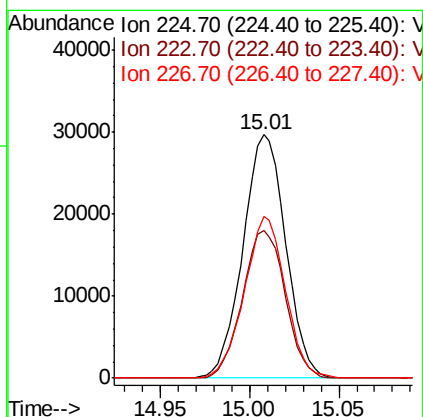
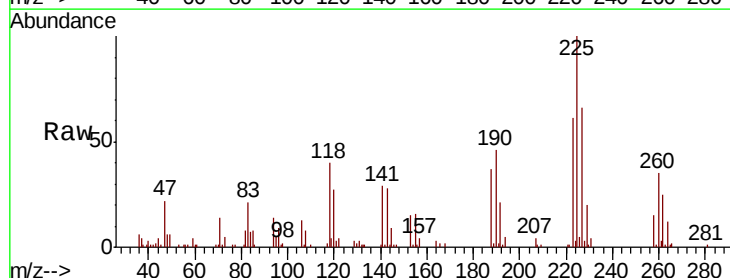
Instrument :  
 MSVOA\_N  
 ClientSampled :

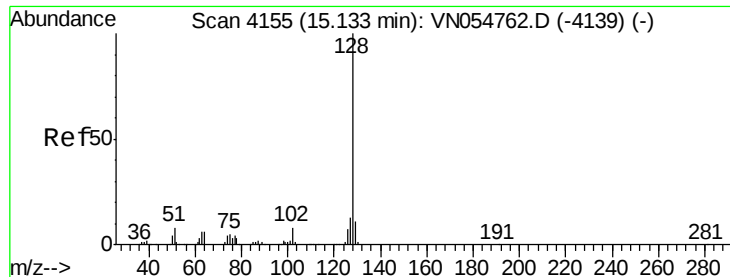
Tot Ion:180 Resp: 68968  
 Ion Ratio Lower Upper  
 180 100  
 182 96.4 48.0 144.2  
 145 29.9 14.2 42.8



#94  
 Hexachlorobutadiene  
 Concen: 21.207 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN054898.D  
 Acq: 2 Apr 2019 13:39

Tgt Ion:225 Resp: 49687  
 Ion Ratio Lower Upper  
 225 100  
 223 60.6 31.1 93.5  
 227 63.6 31.9 95.9





#95

Naphthalene

Concen: 18.785 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

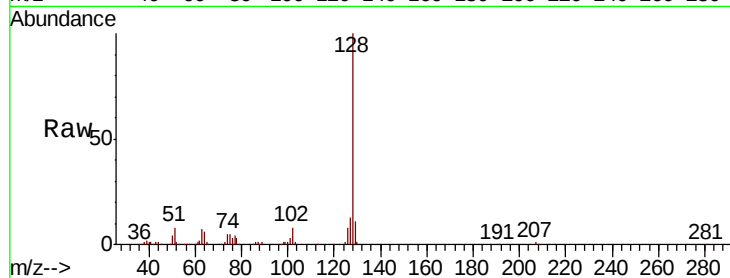
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion:128 Resp: 157673

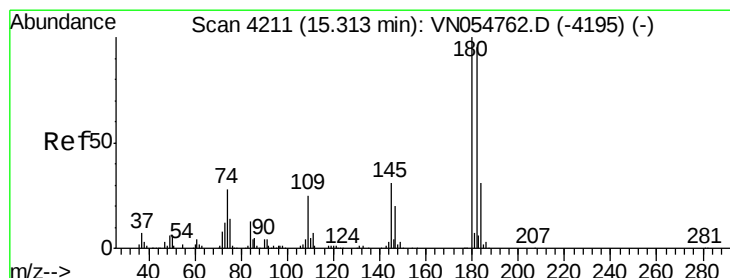
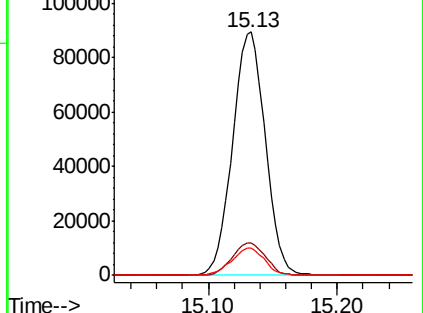
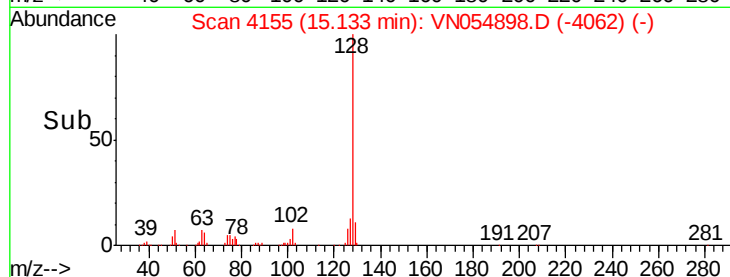
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.4  | 10.1  | 15.1  |
| 129 | 11.2  | 8.7   | 13.1  |



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.163 ug/l

RT: 15.31 min Scan# 4211

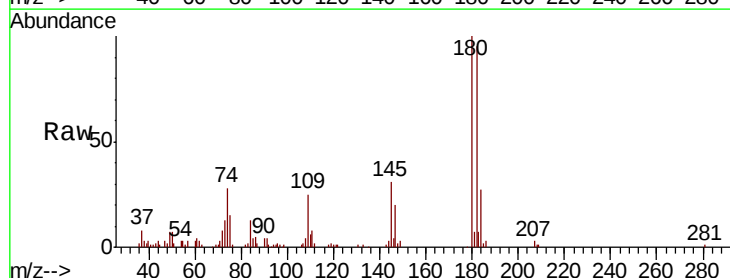
Delta R.T. 0.00 min

Lab File: VN054898.D

Acq: 2 Apr 2019 13:39

Tgt Ion:180 Resp: 72426

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 97.0  | 47.5  | 142.6 |
| 145 | 32.5  | 14.8  | 44.3  |



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

