

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\  
 Data File : VN052698.D  
 Acq On : 6 Dec 2018 14:33  
 Operator : MD\SY  
 Sample : VN1206WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 07 06:39:01 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112718W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 03 03:24:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 897840   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1415805  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1246351  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 558001   | 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   | 522143   | 53.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.82% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 461705   | 52.90 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.80% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1770539  | 52.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.22% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 593654   | 52.00 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.00% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 144400   | 17.177  | ug/l  | 100    |
| 3) Chloromethane              | 2.06 | 50   | 194019   | 17.484  | ug/l  | 100    |
| 4) Vinyl Chloride             | 2.19 | 62   | 206114   | 18.081  | ug/l  | 100    |
| 5) Bromomethane               | 2.58 | 94   | 122331   | 17.199  | ug/l  | 98     |
| 6) Chloroethane               | 2.71 | 64   | 127461   | 18.459  | ug/l  | 96     |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 271147   | 19.364  | ug/l  | 98     |
| 8) Diethyl Ether              | 3.42 | 74   | 105128   | 20.331  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101  | 167649   | 19.188  | ug/l  | 98     |
| 10) Methyl Iodide             | 3.96 | 142  | 239208   | 20.556  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 4.78 | 59   | 53220    | 108.744 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 158137   | 18.803  | ug/l  | 98     |
| 13) Acrolein                  | 3.61 | 56   | 45639    | 53.656  | ug/l  | 99     |
| 14) Allyl chloride            | 4.33 | 41   | 257487   | 17.763  | ug/l  | 93     |
| 15) Acrylonitrile             | 4.99 | 53   | 320513   | 103.458 | ug/l  | 98     |
| 16) Acetone                   | 3.82 | 43   | 227683   | 88.301  | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.06 | 76   | 421958   | 15.943  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.33 | 43   | 169134   | 22.868  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 463533   | 20.715  | ug/l  | 100    |
| 20) Methylene Chloride        | 4.55 | 84   | 193827   | 19.209  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96   | 172655   | 19.221  | ug/l  | 96     |
| 22) Diisopropyl ether         | 5.95 | 45   | 607294   | 19.945  | ug/l  | 98     |
| 23) Vinyl Acetate             | 5.90 | 43   | 1796768  | 94.743  | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 349655   | 20.113  | ug/l  | 99     |
| 25) 2-Butanone                | 6.84 | 43   | 359162   | 98.273  | ug/l  | 97     |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 223561   | 18.579  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 205460   | 19.636  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.20 | 49   | 164952   | 20.774  | ug/l  | 94     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 240116   | 101.862 | ug/l  | 98     |
| 30) Chloroform                | 7.37 | 83   | 341751   | 19.703  | ug/l  | 96     |
| 31) Cyclohexane               | 7.66 | 56   | 308691   | 18.112  | ug/l  | 95     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 274224   | 19.955  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 249556   | 18.666  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.93 | 43   | 164353   | 20.143  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 7.78 | 117  | 234502   | 19.375  | ug/l  | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\  
 Data File : VN052698.D  
 Acq On : 6 Dec 2018 14:33  
 Operator : MD\SY  
 Sample : VN1206WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 07 06:39:01 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112718W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 03 03:24:02 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 287115   | 17.668  | ug/l   | 100      |
| 40) Benzene                    | 8.04  | 78   | 779936   | 19.574  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 75497    | 16.924  | ug/l # | 85       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 241780   | 20.041  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 282344   | 20.447  | ug/l # | 88       |
| 44) Trichloroethene            | 8.84  | 130  | 206938   | 20.276  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 208160   | 19.650  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 118204   | 20.157  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.40  | 83   | 252880   | 19.834  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 144878   | 20.122  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 33324    | 445.958 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 814585   | 105.142 | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 473457   | 20.000  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 239492   | 19.525  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 289655   | 19.706  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 174546   | 20.961  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 216677   | 20.422  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 300017   | 20.404  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 615930   | 101.934 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 526479   | 101.251 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 187227   | 20.701  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 169187   | 20.456  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 221228   | 22.894  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 519269   | 20.205  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 182433   | 20.416  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 881882   | 19.595  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 664262   | 39.648  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 326651   | 20.077  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 525839   | 20.292  | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 123061   | 20.799  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 872909   | 19.939  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 217244   | 19.642  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 197156   | 19.797  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 249954   | 29.049  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 219102   | 20.248  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 976195   | 19.628  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 585798   | 19.779  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 705518   | 20.207  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 50478    | 19.591  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 581265   | 19.473  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 621876   | 19.979  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 713450   | 20.390  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 843455   | 19.895  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 709785   | 19.656  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 373426   | 19.729  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 365184   | 19.587  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 570283   | 18.990  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 120044   | 19.634  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 369575   | 20.437  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 29433    | 20.665  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\  
Data File : VN052698.D  
Acq On : 6 Dec 2018 14:33  
Operator : MD\SY  
Sample : VN1206WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 12 Sample Multiplier: 28

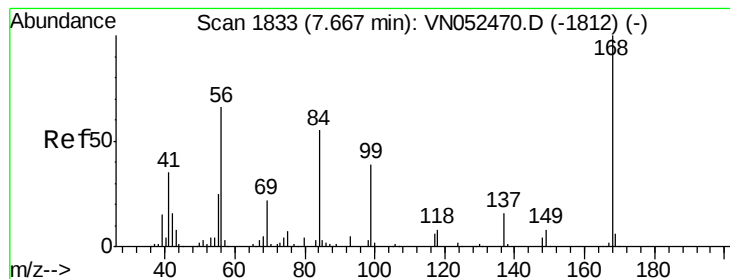
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 07 06:39:01 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112718W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 03 03:24:02 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 168505   | 18.877 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 113606   | 19.528 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 346326   | 18.783 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 164044   | 19.755 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

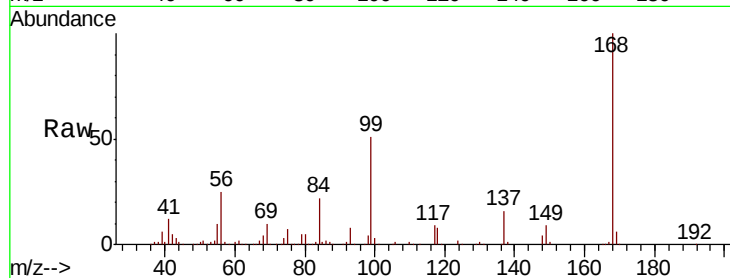
ClientSampled :

Tot Ion:168 Resp: 897840

Ion Ratio Lower Upper

168 100

99 51.3 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

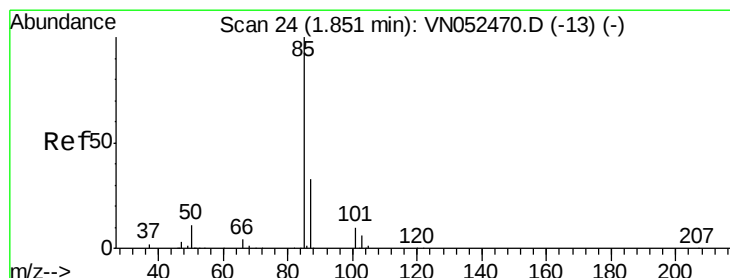
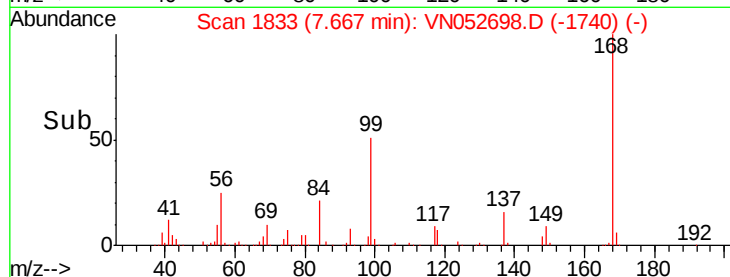
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.177 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052698.D

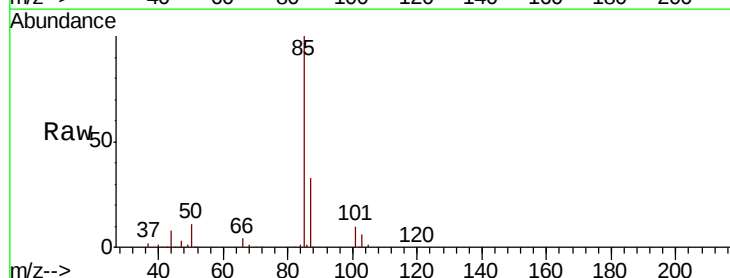
Acq: 6 Dec 2018 14:33

Tgt Ion: 85 Resp: 144400

Ion Ratio Lower Upper

85 100

87 33.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

60000

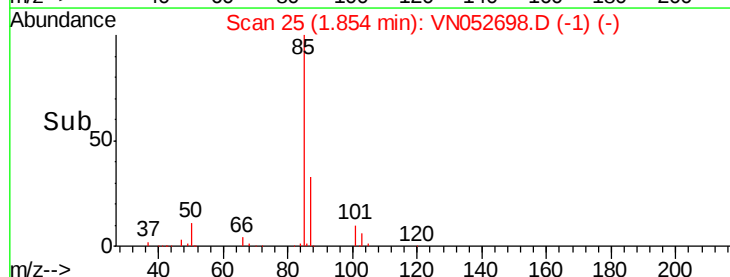
40000

20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.484 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

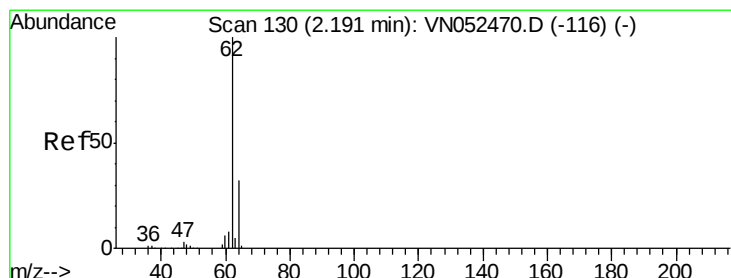
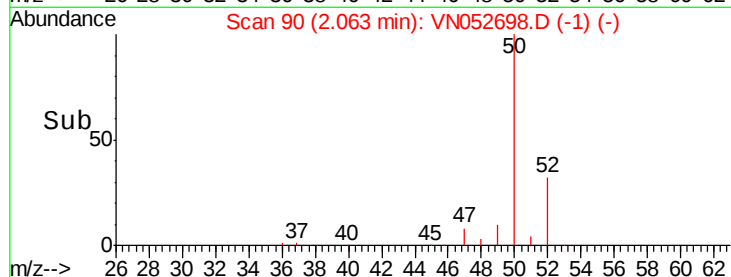
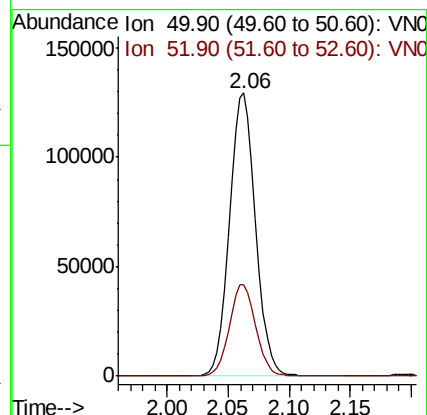
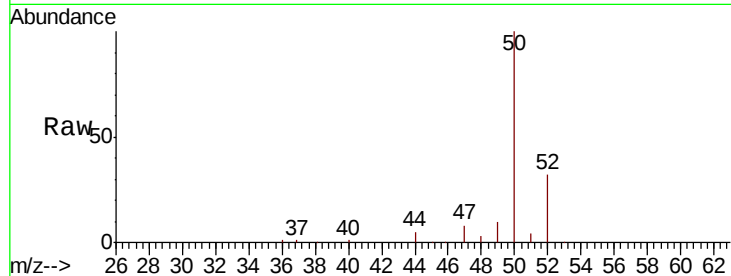
ClientSampled :

Tot Ion: 50 Resp: 194019

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



#4

Vinyl Chloride

Concen: 18.081 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052698.D

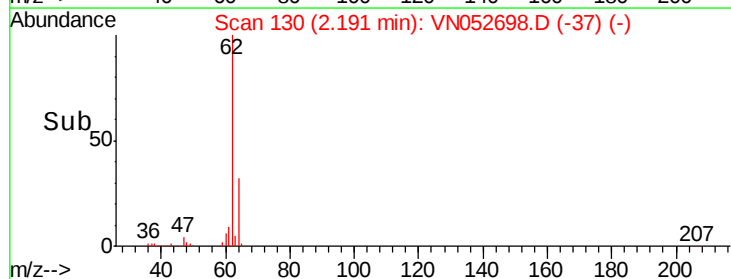
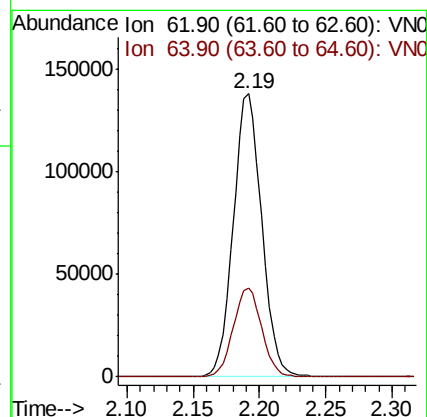
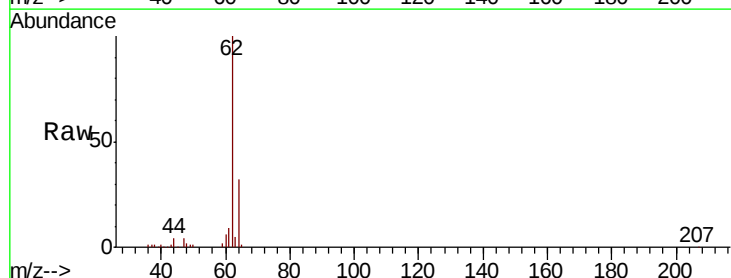
Acq: 6 Dec 2018 14:33

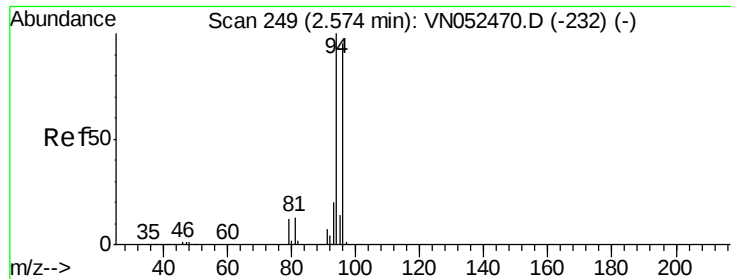
Tgt Ion: 62 Resp: 206114

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2





#5

Bromomethane

Concen: 17.199 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

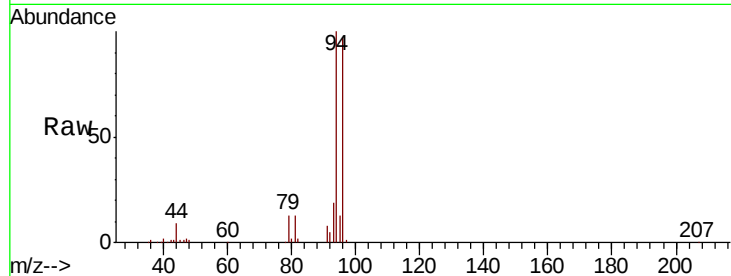
ClientSampled :

Tot Ion: 94 Resp: 122331

Ion Ratio Lower Upper

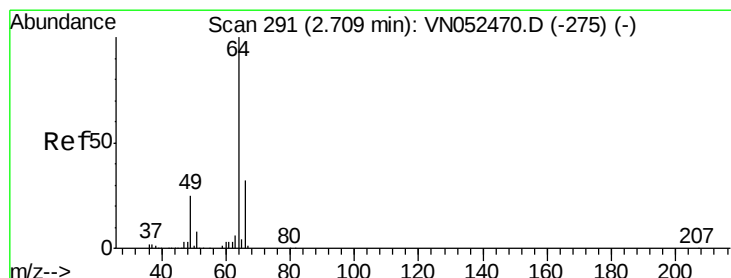
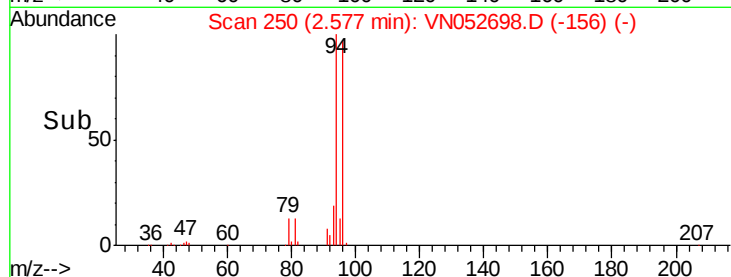
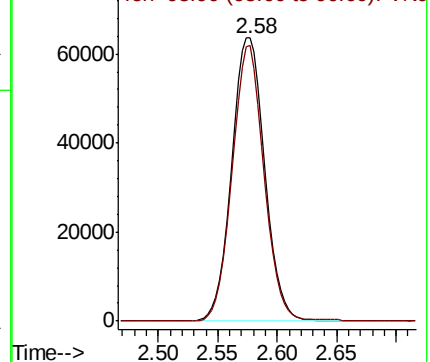
94 100

96 97.2 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.459 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN052698.D

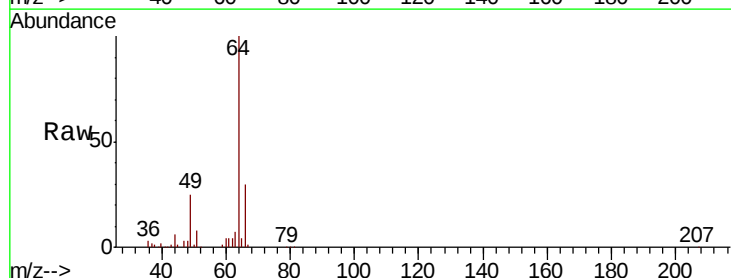
Acq: 6 Dec 2018 14:33

Tgt Ion: 64 Resp: 127461

Ion Ratio Lower Upper

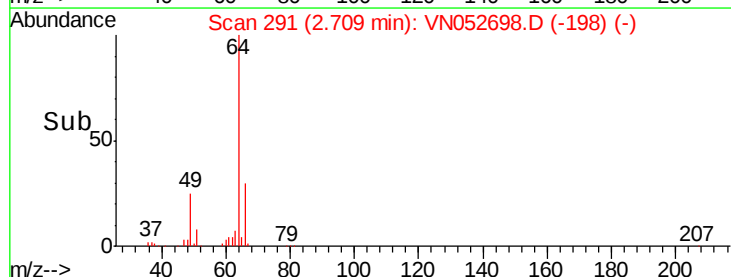
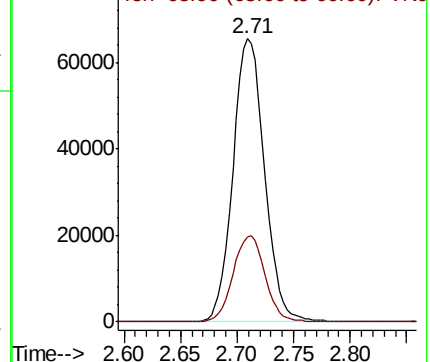
64 100

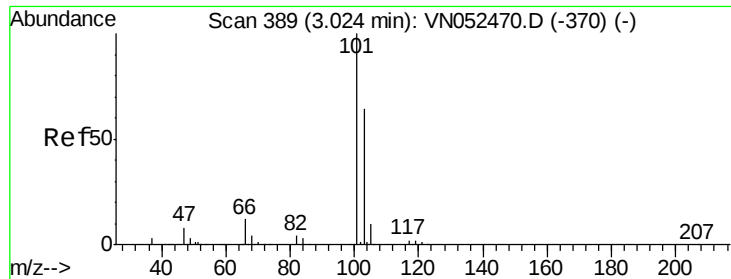
66 30.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



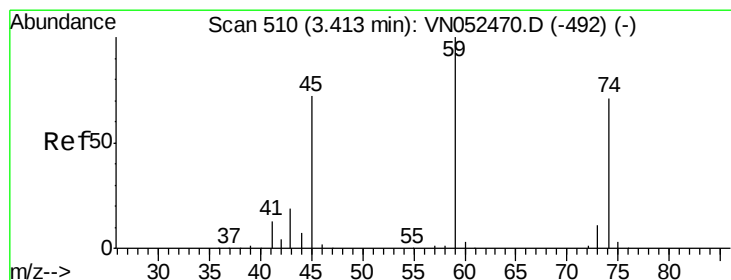
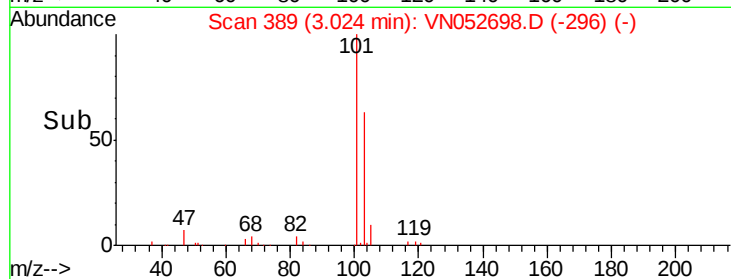
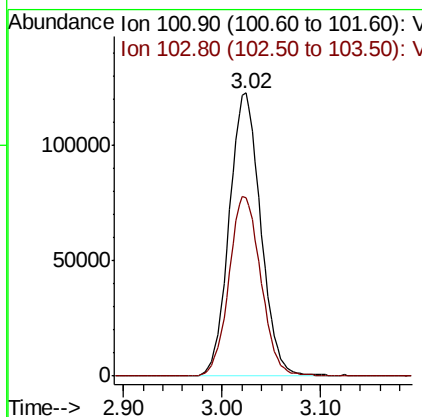
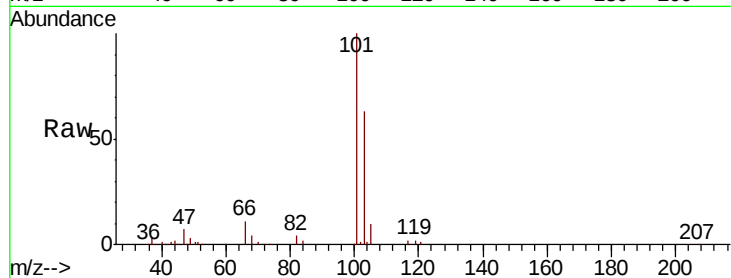


#7

Trichlorofluoromethane  
 Concen: 19.364 ug/l  
 RT: 3.02 min Scan# 389  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

Instrument :  
 MSVOA\_N  
 ClientSampled :

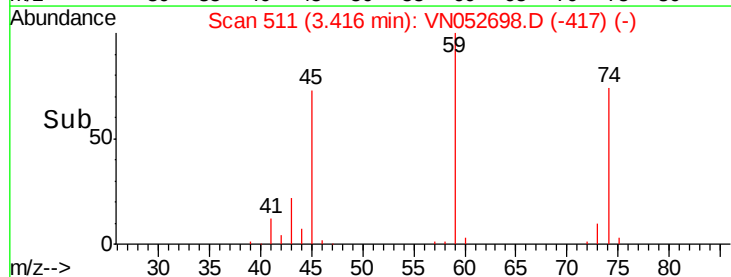
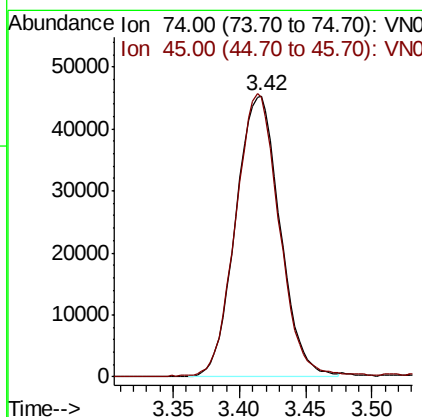
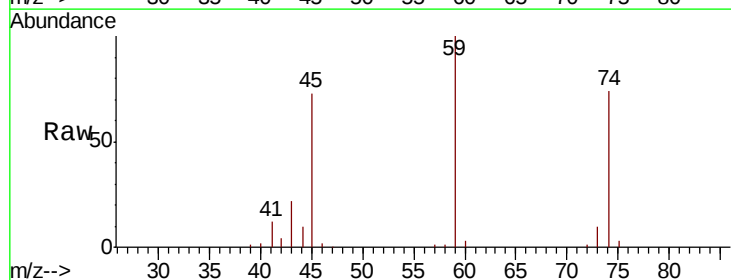
Tot Ion:101 Resp: 271147  
 Ion Ratio Lower Upper  
 101 100  
 103 62.8 51.4 77.2



#8

Diethyl Ether  
 Concen: 20.331 ug/l  
 RT: 3.42 min Scan# 511  
 Delta R.T. 0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

Tgt Ion: 74 Resp: 105128  
 Ion Ratio Lower Upper  
 74 100  
 45 100.0 50.4 151.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.188 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

ClientSampleId :

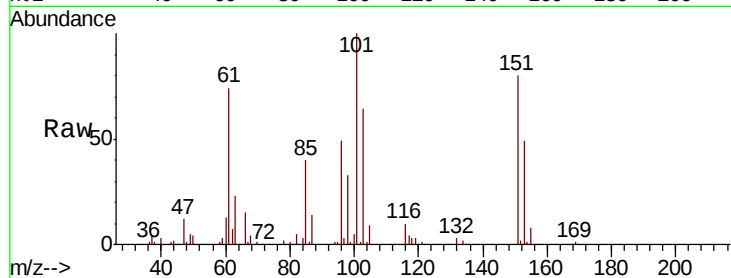
Tot Ion:101 Resp: 167649

Ion Ratio Lower Upper

101 100

85 41.5 34.2 51.4

151 82.6 64.6 96.8

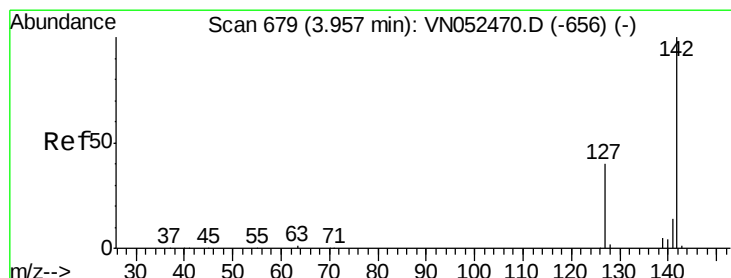
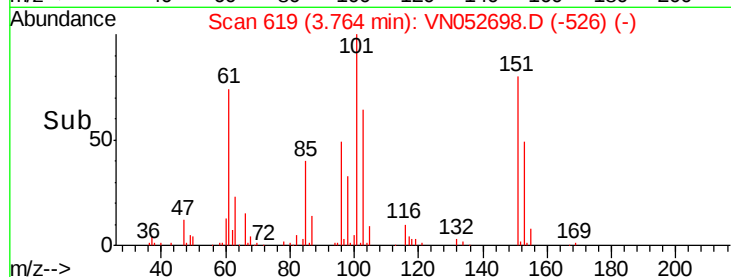
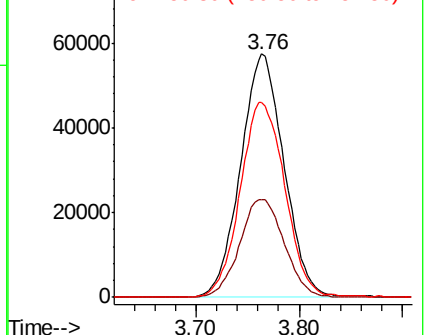


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.556 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

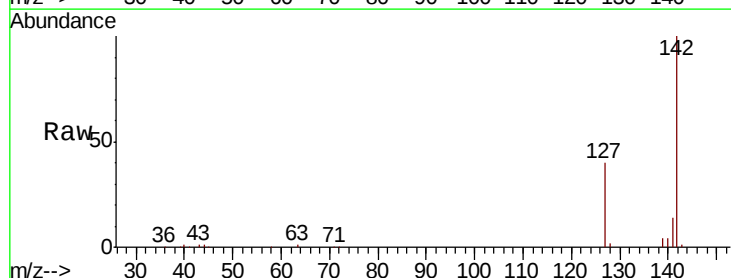
Tgt Ion:142 Resp: 239208

Ion Ratio Lower Upper

142 100

127 39.7 31.8 47.6

141 14.5 11.4 17.0

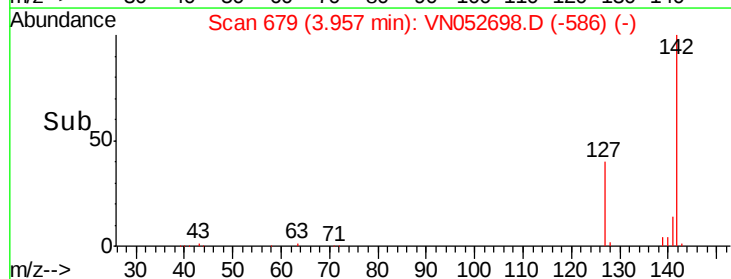
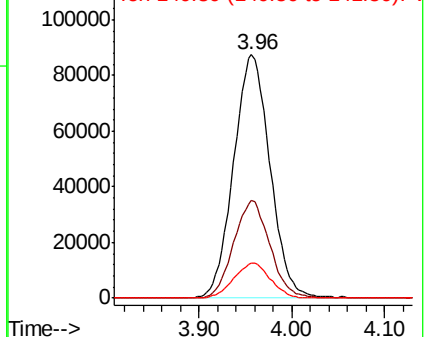


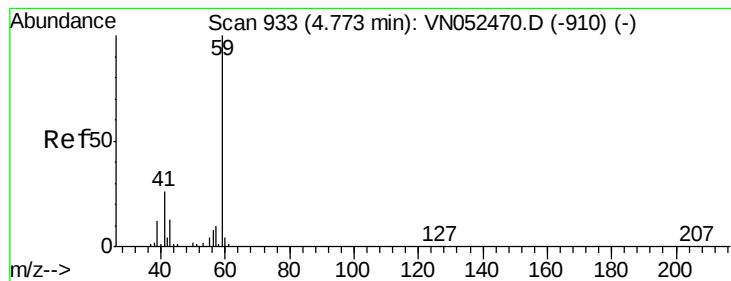
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



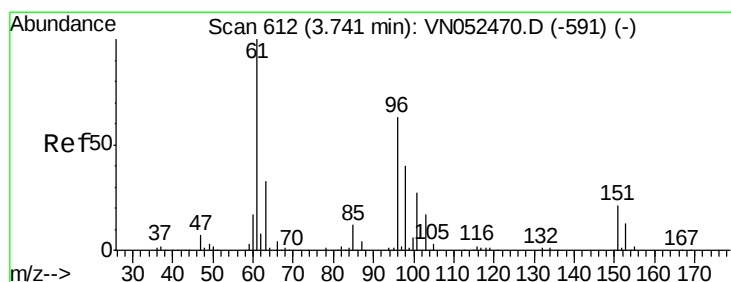
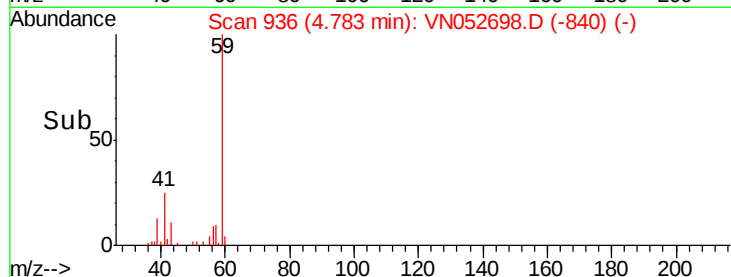
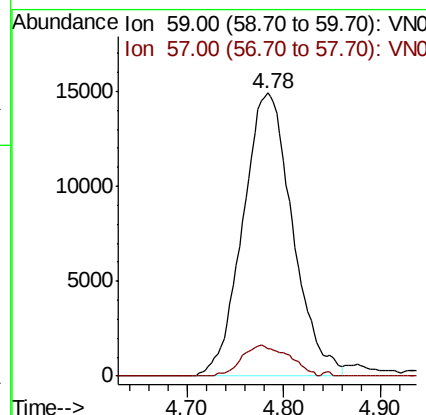
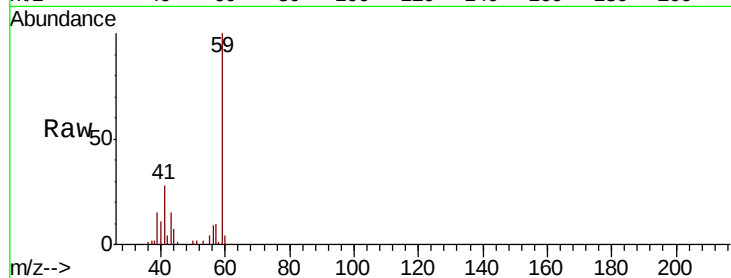


#11

Tert butyl alcohol  
Concen: 108.744 ug/l  
RT: 4.78 min Scan# 936  
Delta R.T. 0.01 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Instrument :  
MSVOA\_N  
ClientSampleId :

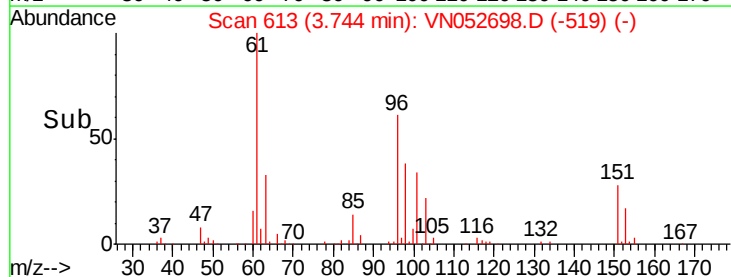
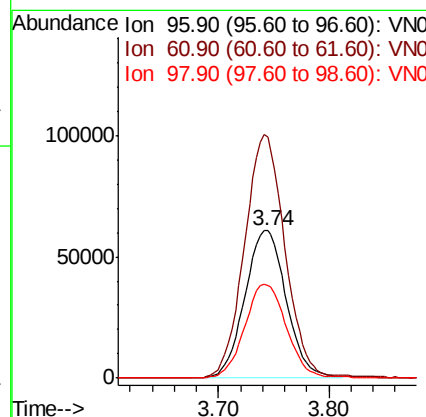
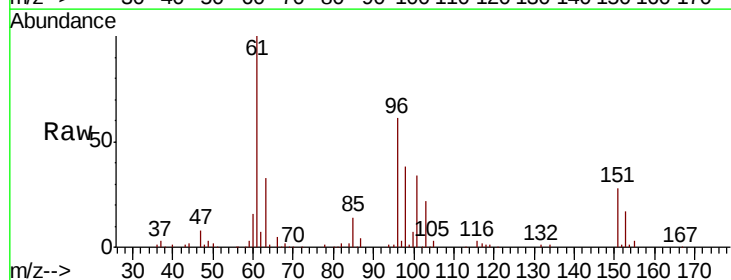
Tot Ion: 59 Resp: 53220  
Ion Ratio Lower Upper  
59 100  
57 10.5 7.9 11.9

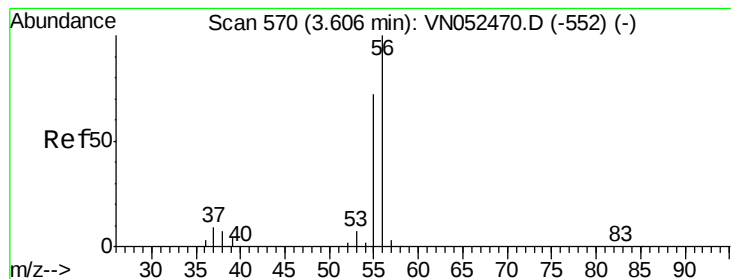


#12

1,1-Dichloroethene  
Concen: 18.803 ug/l  
RT: 3.74 min Scan# 613  
Delta R.T. 0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion: 96 Resp: 158137  
Ion Ratio Lower Upper  
96 100  
61 163.2 127.0 190.6  
98 62.7 50.3 75.5





#13

Acrolein

Concen: 53.656 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

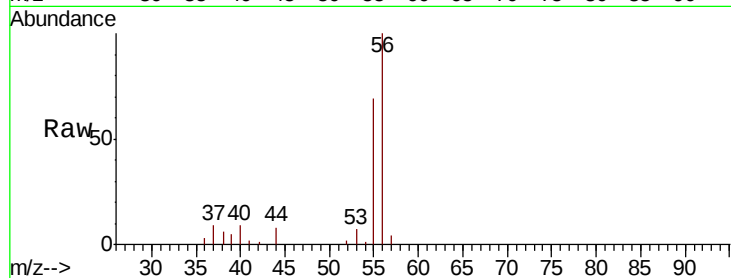
ClientSampled :

Tot Ion: 56 Resp: 45639

Ion Ratio Lower Upper

56 100

55 70.2 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VN052470.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN052470.D (-552) (-)

3.61

20000

15000

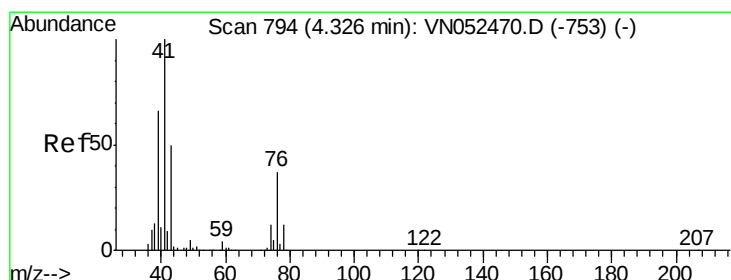
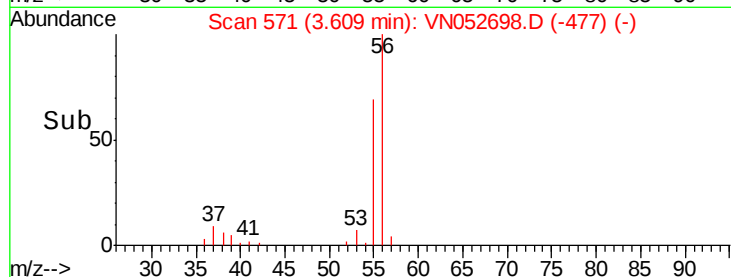
10000

5000

0

Time-->

3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 17.763 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

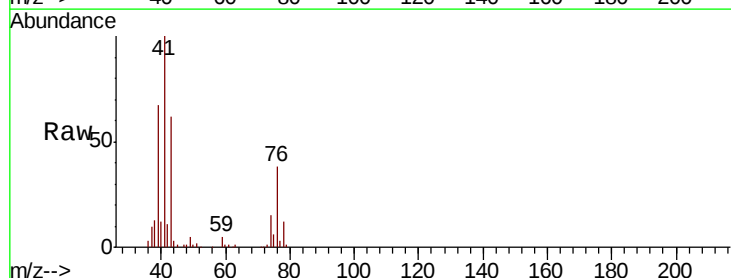
Tgt Ion: 41 Resp: 257487

Ion Ratio Lower Upper

41 100

39 69.1 50.6 76.0

76 37.8 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VN052470.D (-753) (-)

Ion 39.00 (38.70 to 39.70): VN052470.D (-753) (-)

Ion 75.90 (75.60 to 76.60): VN052470.D (-753) (-)

4.33

120000

100000

80000

60000

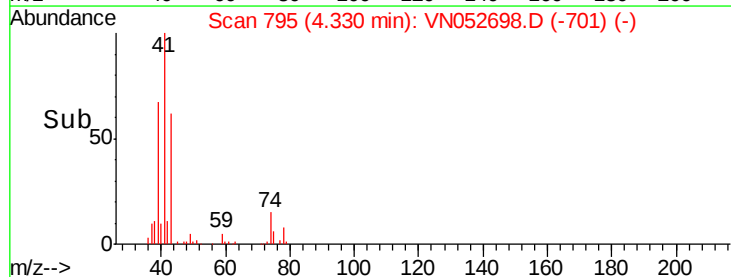
40000

20000

0

Time-->

4.30 4.40





#15

Acrylonitrile

Concen: 103.458 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

ClientSampleId :

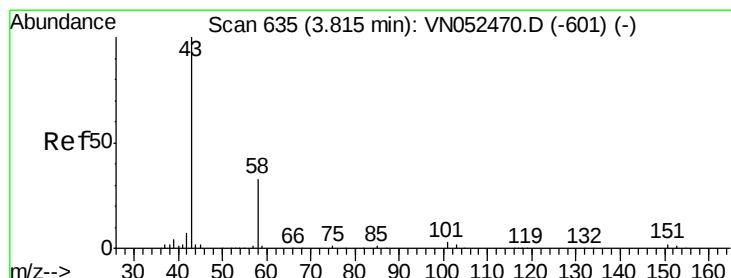
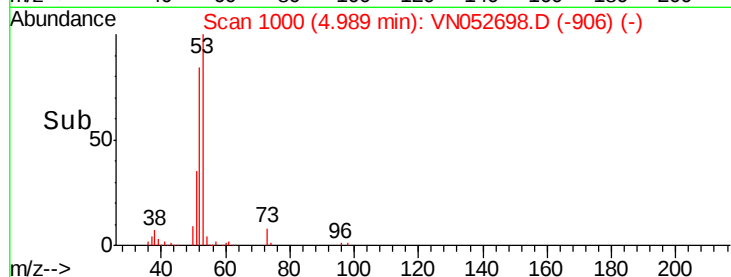
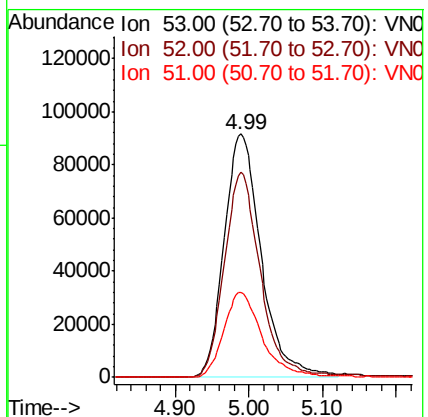
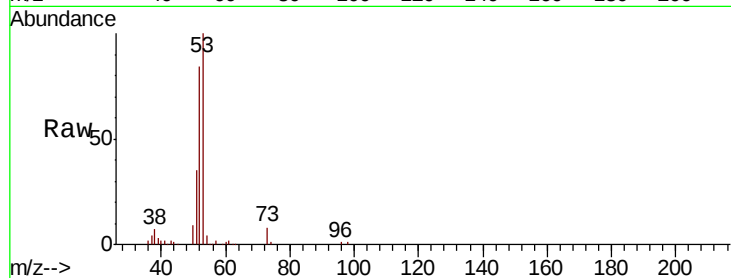
Tot Ion: 53 Resp: 320513

Ion Ratio Lower Upper

53 100

52 81.1 66.2 99.2

51 36.0 28.1 42.1



#16

Acetone

Concen: 88.301 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052698.D

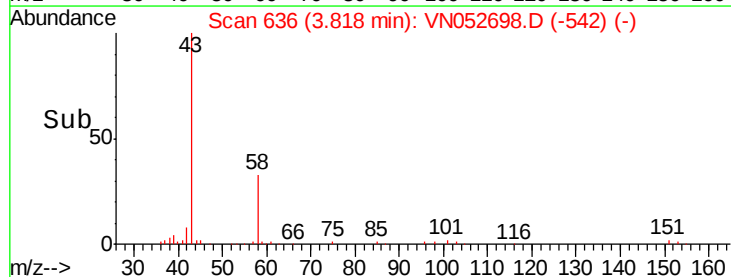
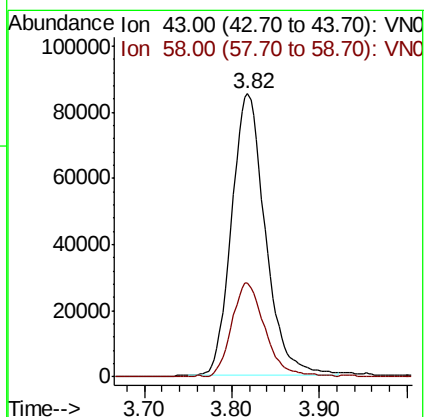
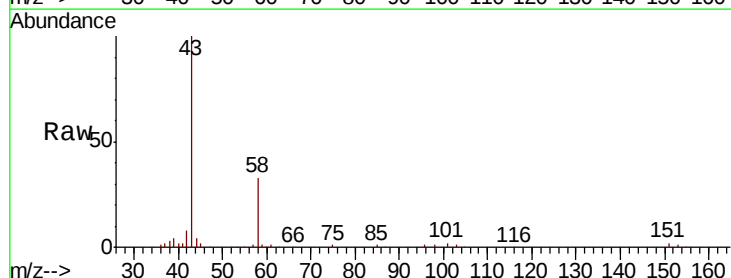
Acq: 6 Dec 2018 14:33

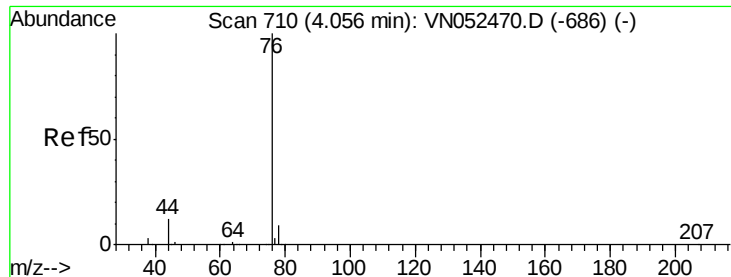
Tgt Ion: 43 Resp: 227683

Ion Ratio Lower Upper

43 100

58 33.3 26.0 39.0





#17

Carbon Disulfide

Concen: 15.943 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

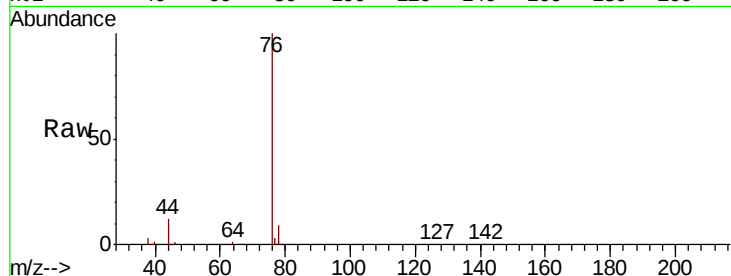
ClientSampled :

Tot Ion: 76 Resp: 421958

Ion Ratio Lower Upper

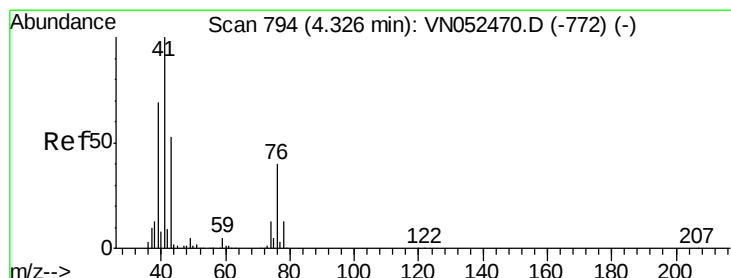
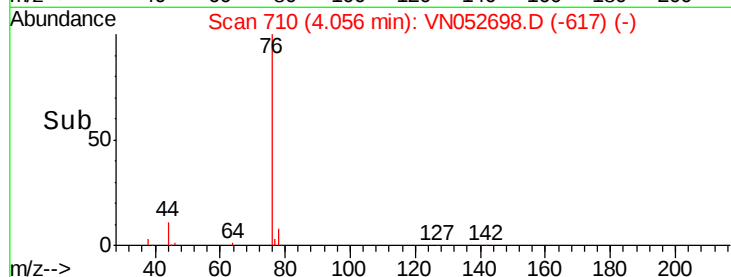
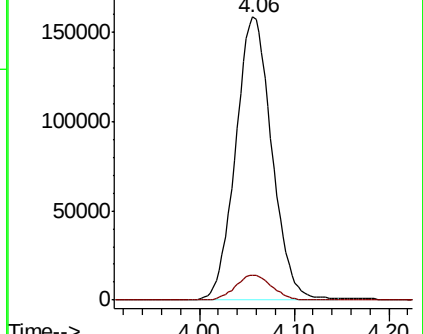
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 22.868 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052698.D

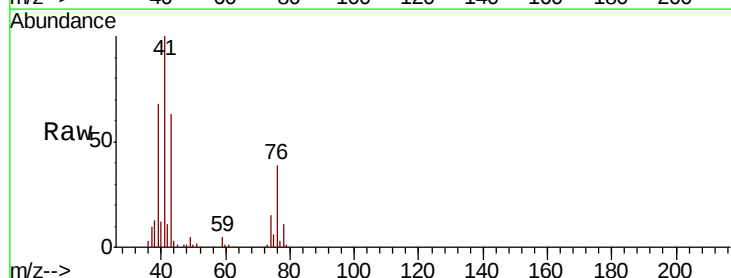
Acq: 6 Dec 2018 14:33

Tgt Ion: 43 Resp: 169134

Ion Ratio Lower Upper

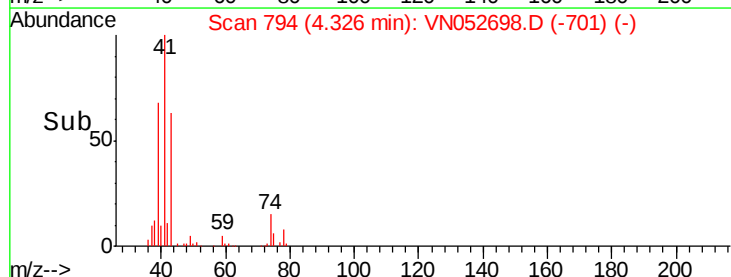
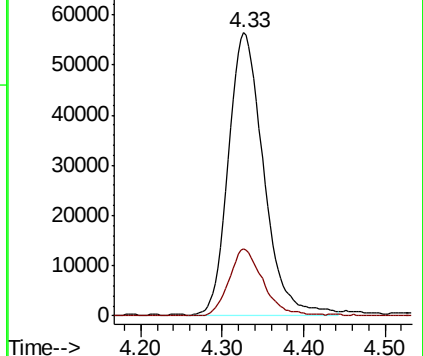
43 100

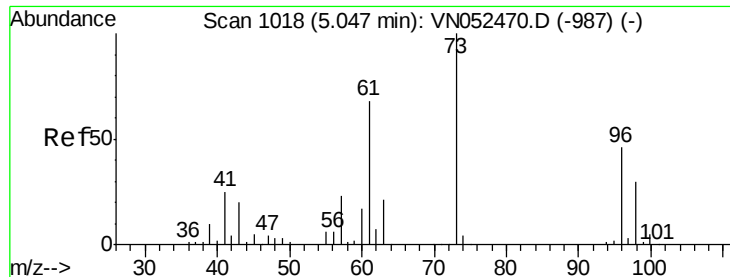
74 22.9 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

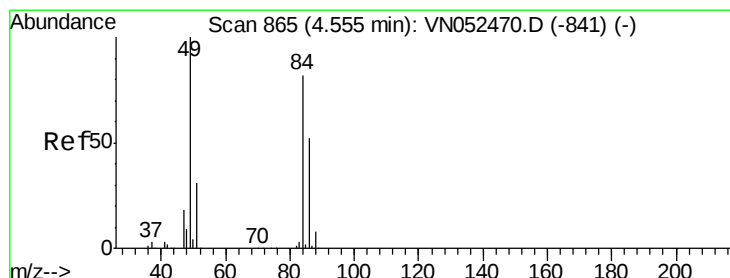
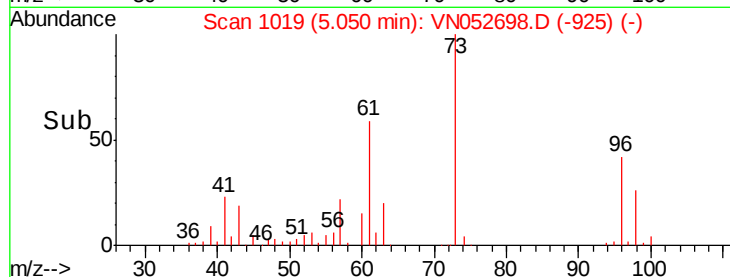
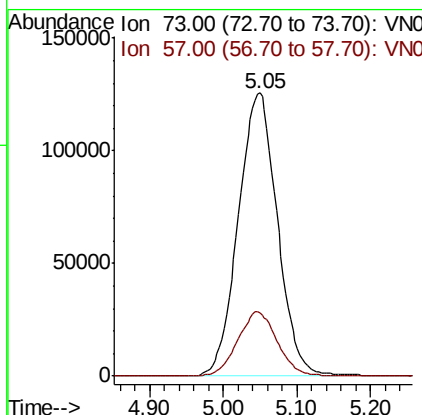
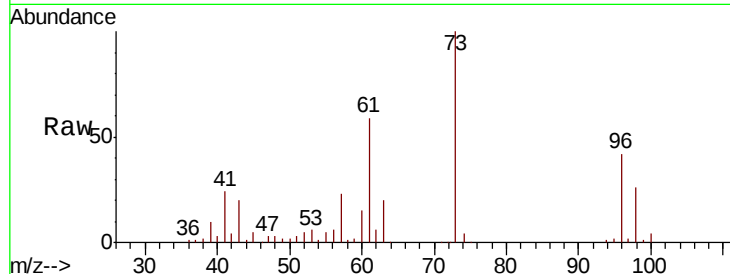




#19  
Methyl tert-butyl Ether  
Concen: 20.715 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

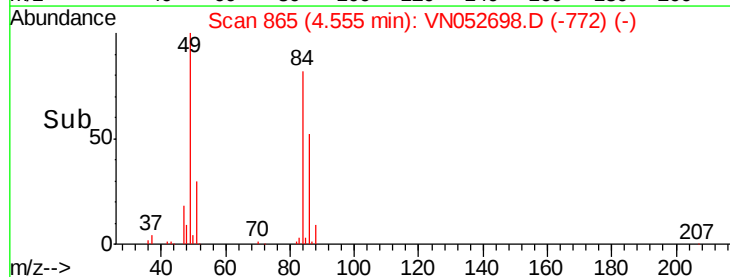
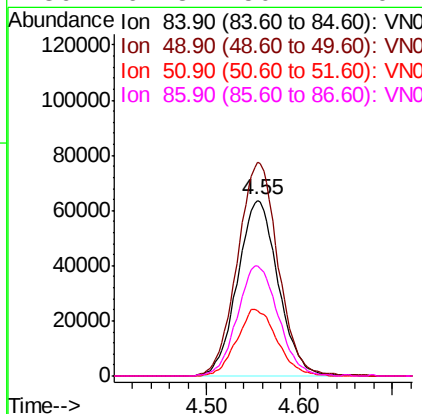
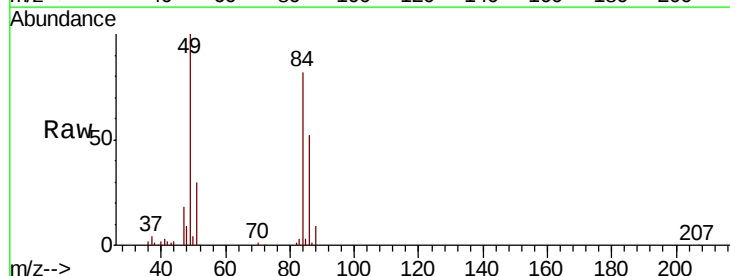
Instrument :  
MSVOA\_N  
ClientSampled :

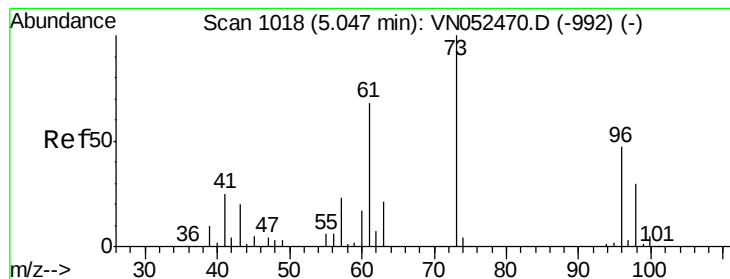
Tot Ion: 73 Resp: 463533  
Ion Ratio Lower Upper  
73 100  
57 22.5 18.2 27.2



#20  
Methylene Chloride  
Concen: 19.209 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion: 84 Resp: 193827  
Ion Ratio Lower Upper  
84 100  
49 121.6 98.0 147.0  
51 36.9 30.1 45.1  
86 62.8 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 19.221 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :  
MSVOA\_N  
ClientSampled :

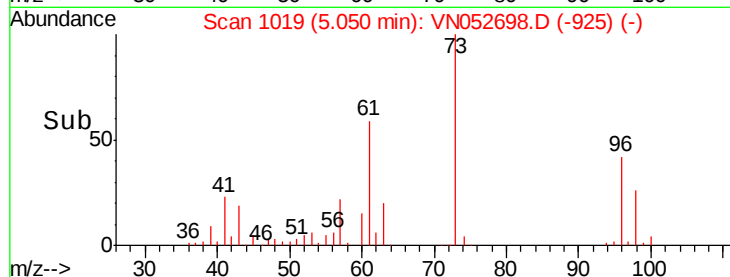
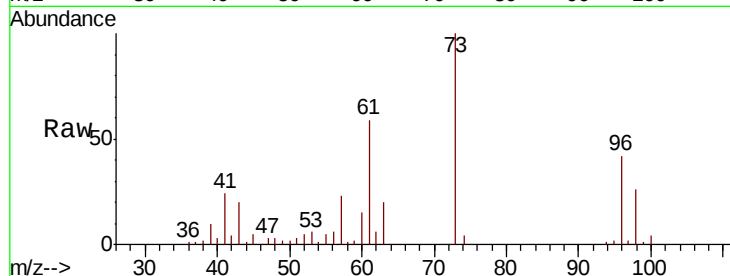
Tot Ion: 96 Resp: 172655

Ion Ratio Lower Upper

96 100

61 141.1 117.0 175.4

98 61.5 51.8 77.6

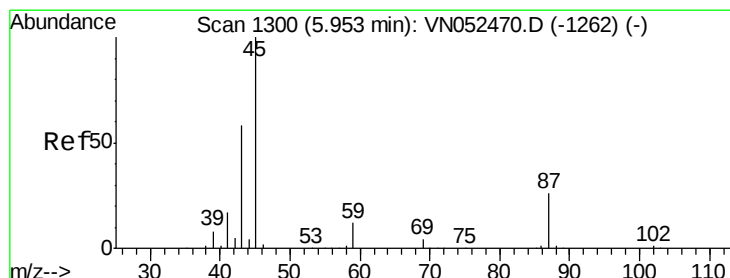
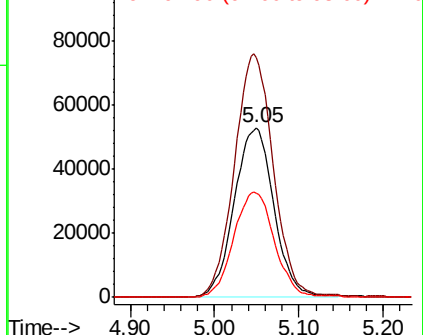


Abundance

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: 19.945 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Tgt Ion: 45 Resp: 607294

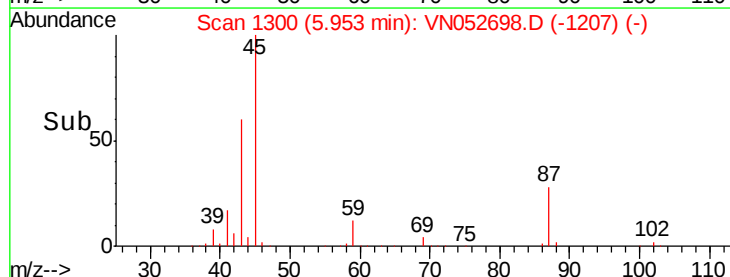
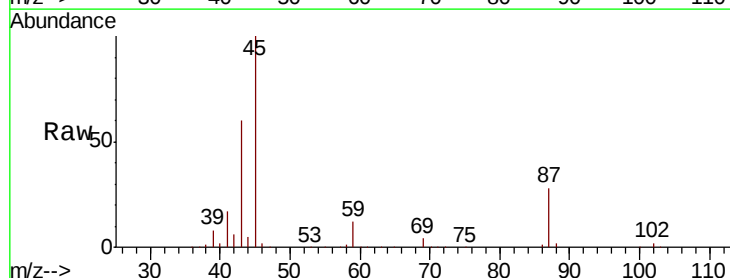
Ion Ratio Lower Upper

45 100

43 59.2 46.1 69.1

87 27.9 21.3 31.9

59 11.8 9.5 14.3



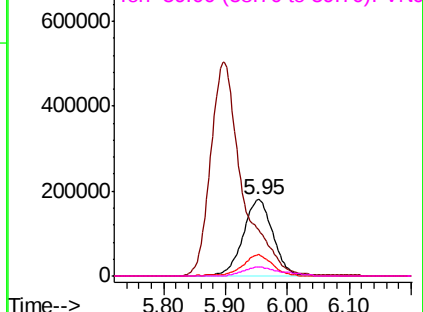
Abundance

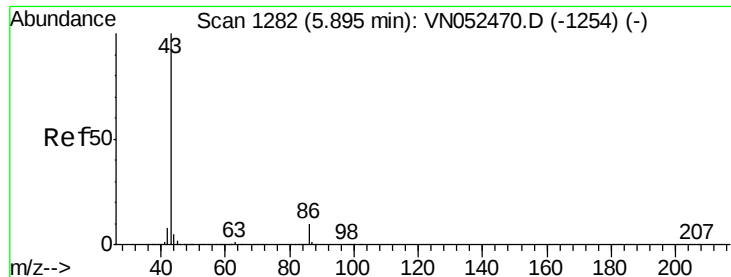
Ion 45.00 (44.70 to 45.70): VNC

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: 94.743 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

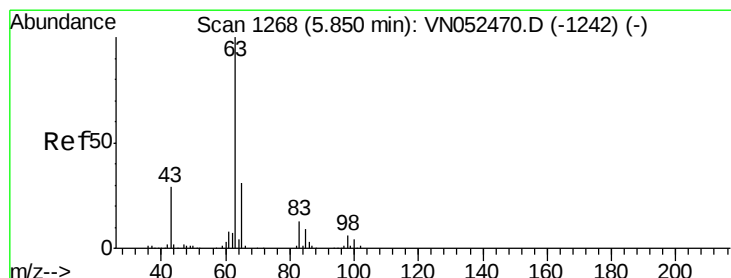
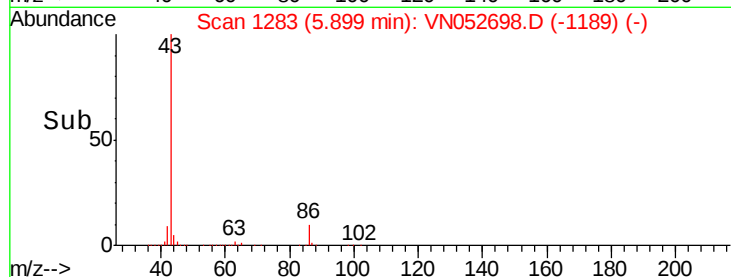
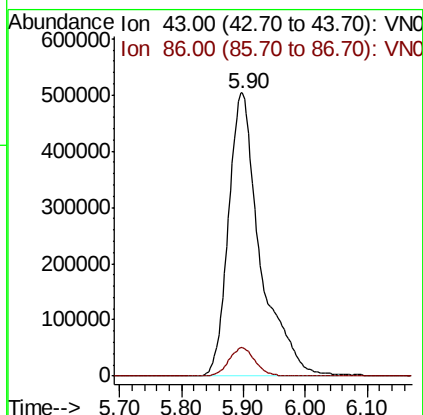
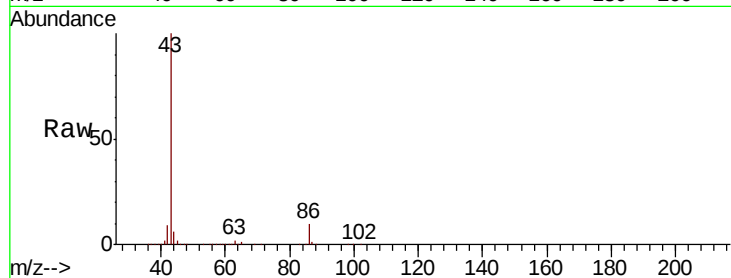
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 1796768

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



#24

1,1-Dichloroethane

Concen: 20.113 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

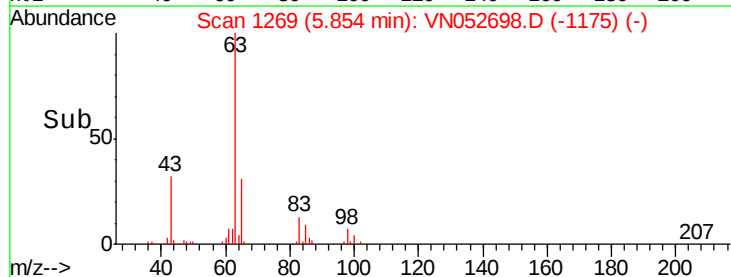
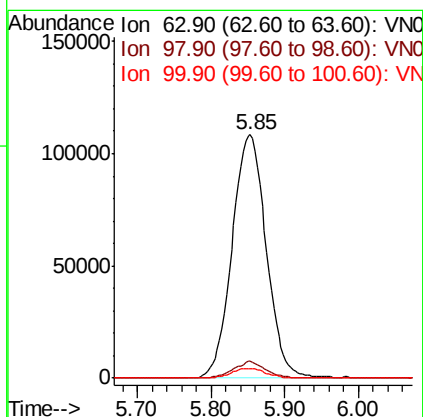
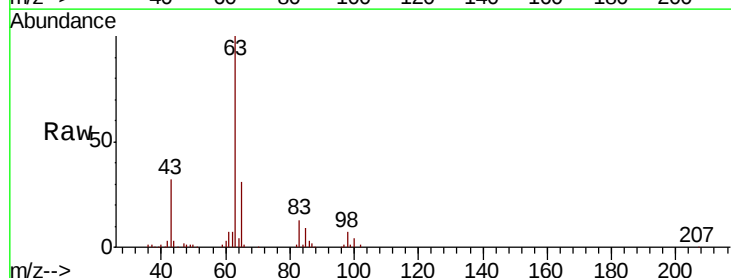
Tgt Ion: 63 Resp: 349655

Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.2

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 98.273 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

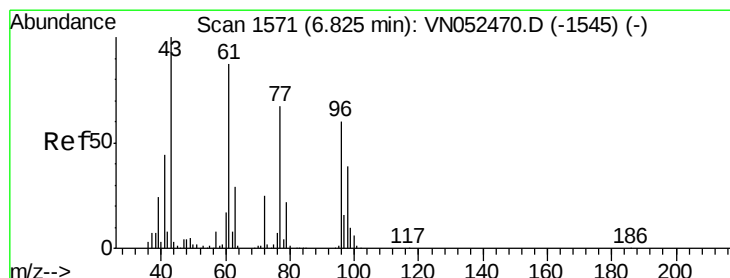
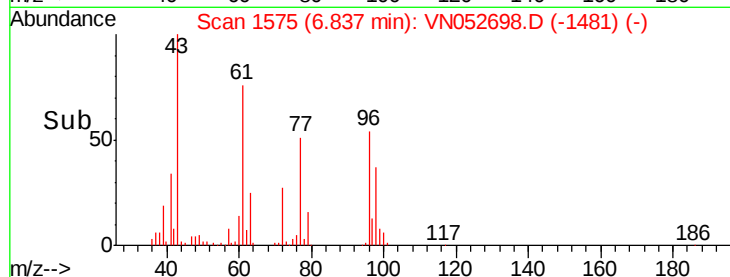
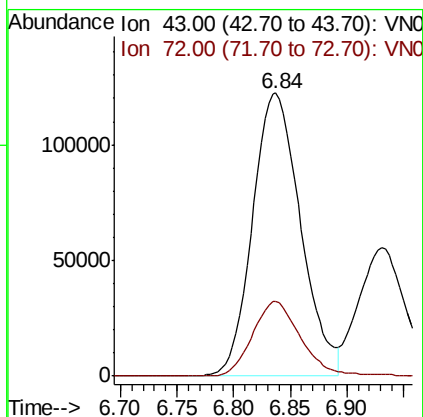
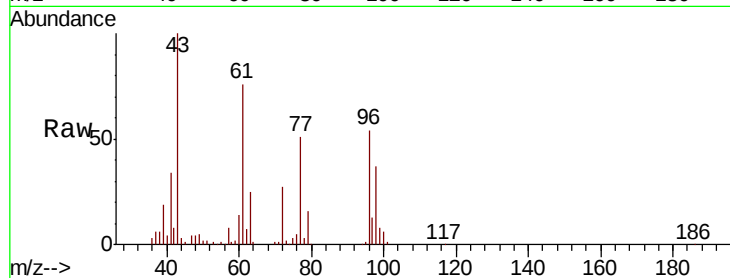
ClientSampled :

Tot Ion: 43 Resp: 359162

Ion Ratio Lower Upper

43 100

72 26.6 20.1 30.1



#26

2,2-Dichloropropane

Concen: 18.579 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052698.D

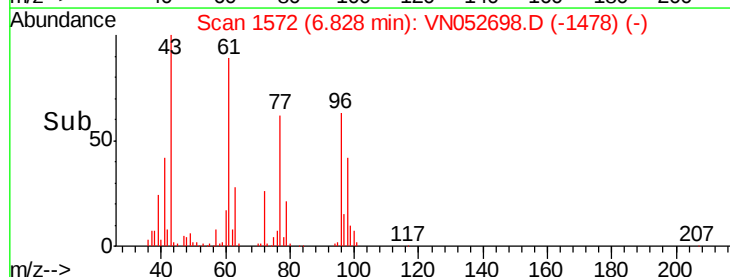
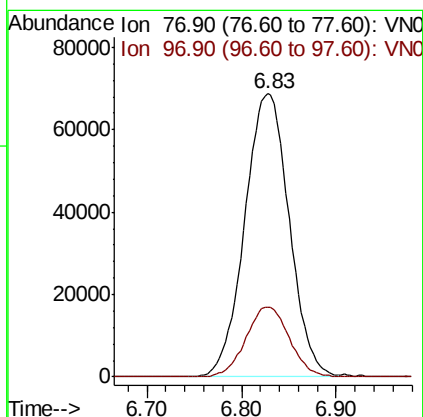
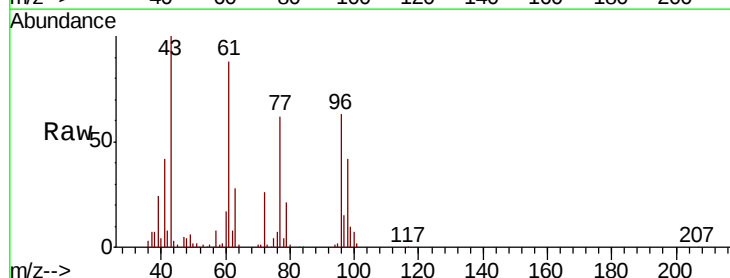
Acq: 6 Dec 2018 14:33

Tgt Ion: 77 Resp: 223561

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.636 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

ClientSampled :

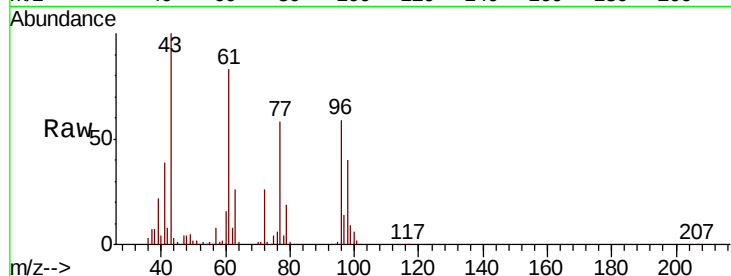
Tot Ion: 96 Resp: 205460

Ion Ratio Lower Upper

96 100

61 143.6 0.0 291.0

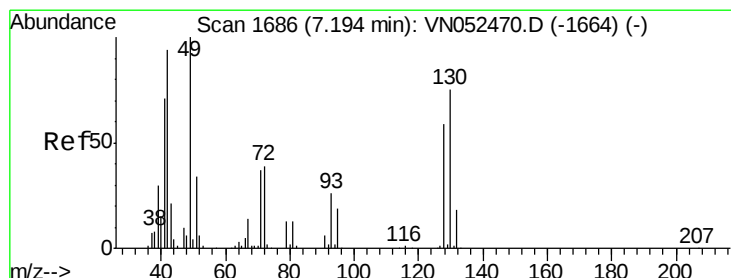
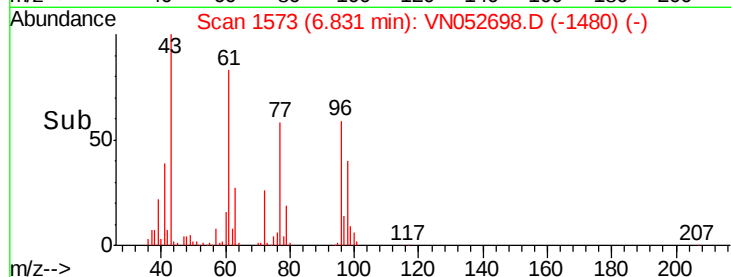
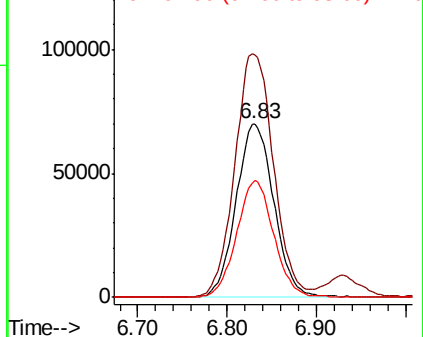
98 66.1 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.774 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

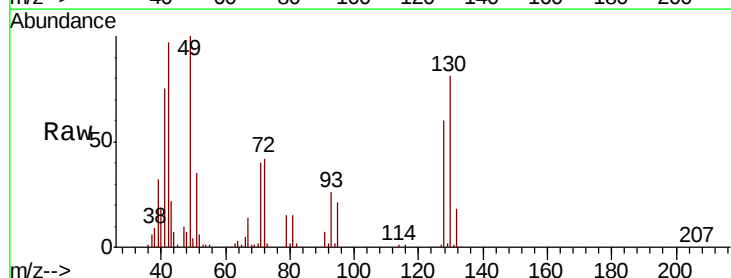
Tgt Ion: 49 Resp: 164952

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

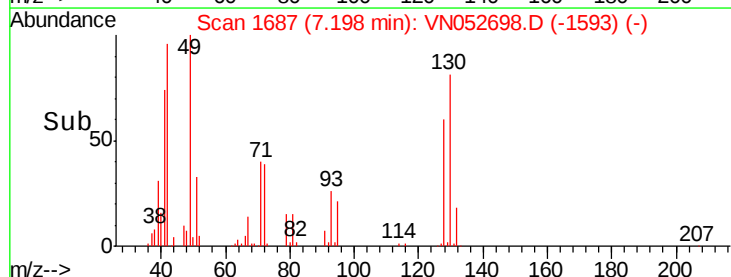
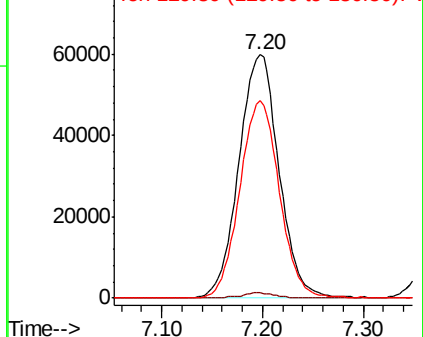
130 80.1 60.2 90.2

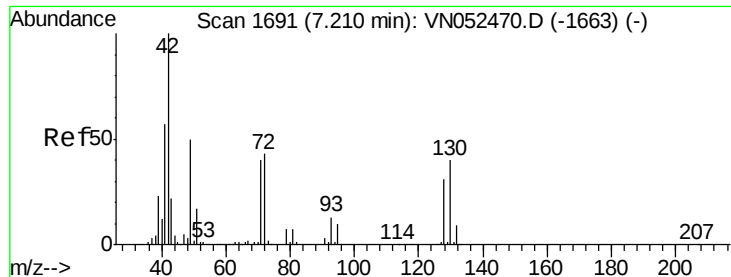


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

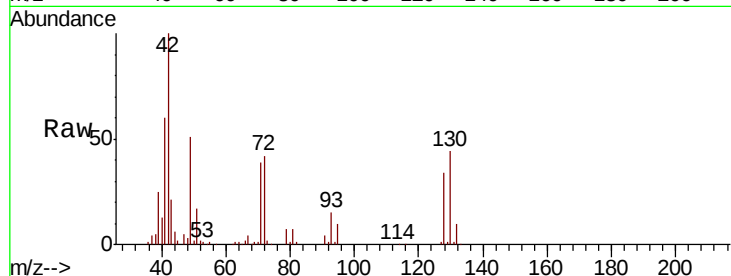




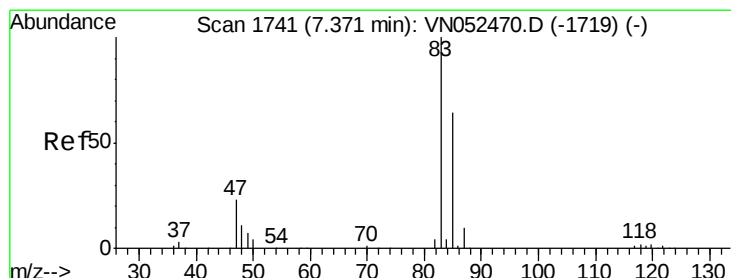
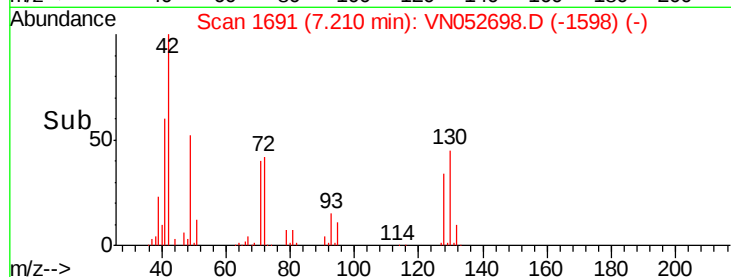
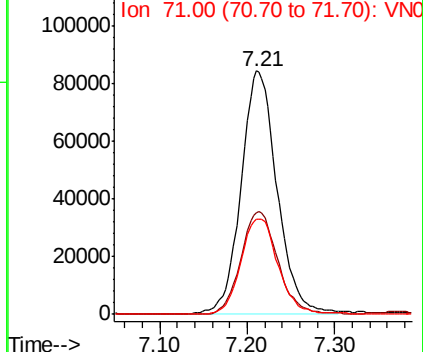
#29  
Tetrahydrofuran  
Concen: 101.862 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 42 Resp: 240116  
Ion Ratio Lower Upper  
42 100  
72 43.4 33.3 49.9  
71 40.9 32.0 48.0

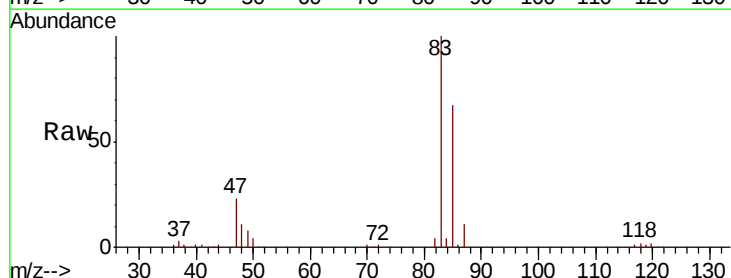


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

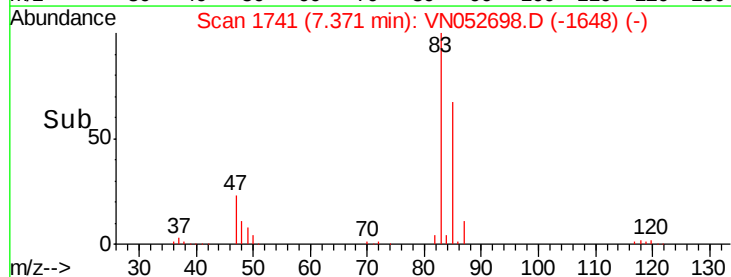
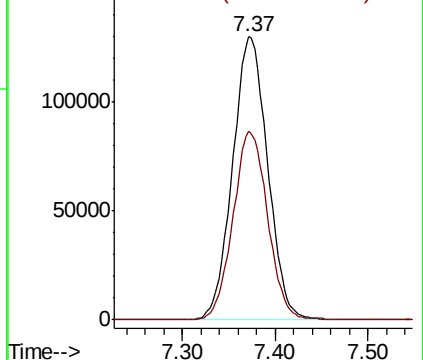


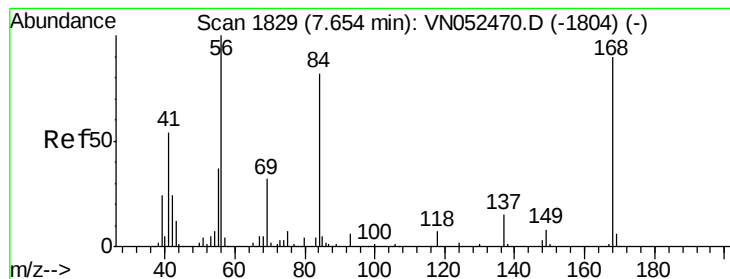
#30  
Chloroform  
Concen: 19.703 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion: 83 Resp: 341751  
Ion Ratio Lower Upper  
83 100  
85 66.7 51.0 76.4



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





#31

Cyclohexane

Concen: 18.112 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :  
MSVOA\_N  
ClientSampleId :

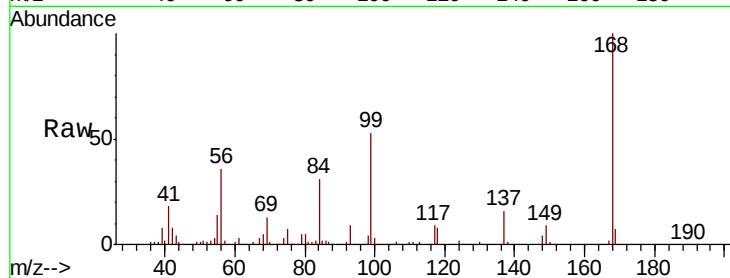
Tot Ion: 56 Resp: 308691

Ion Ratio Lower Upper

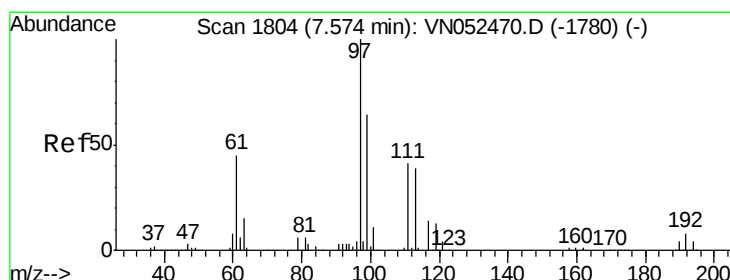
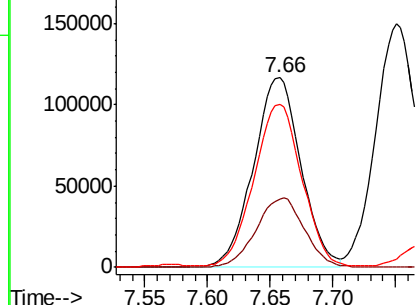
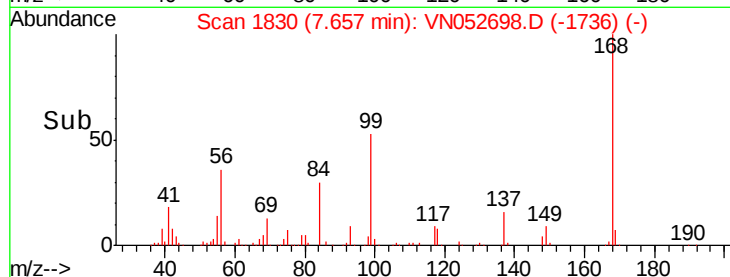
56 100

69 36.3 25.8 38.6

84 85.3 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 19.955 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

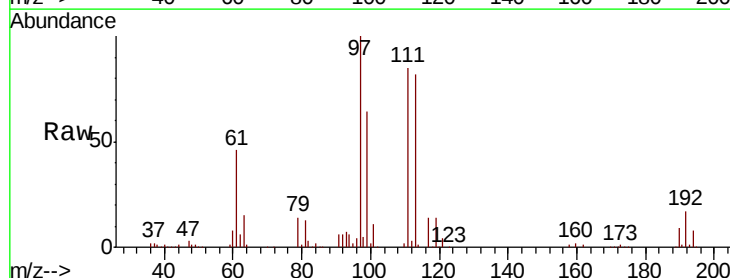
Tgt Ion: 97 Resp: 274224

Ion Ratio Lower Upper

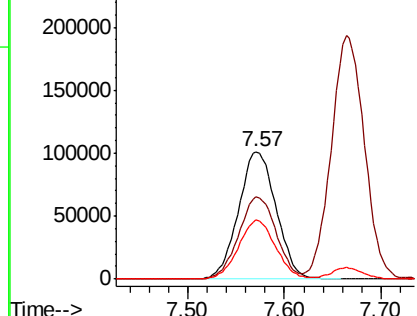
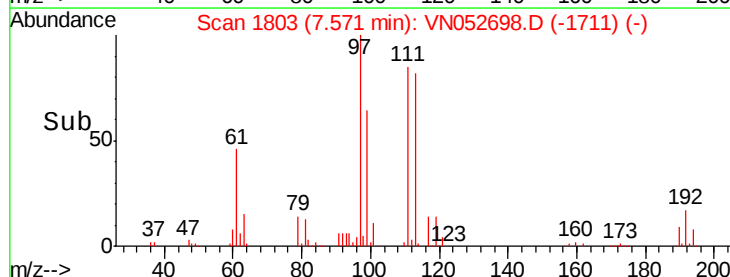
97 100

99 64.3 51.7 77.5

61 45.7 36.8 55.2



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

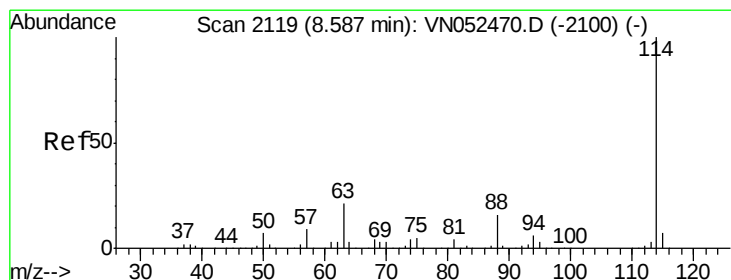
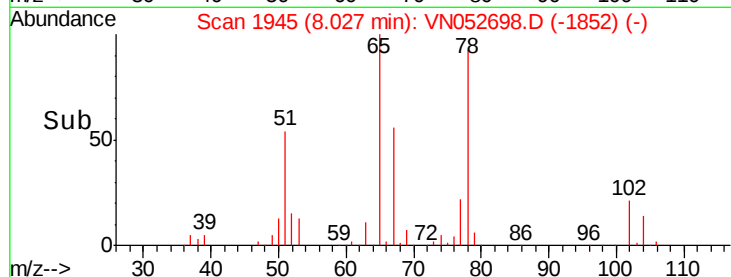
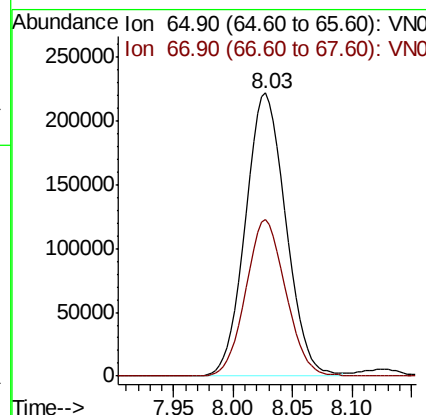
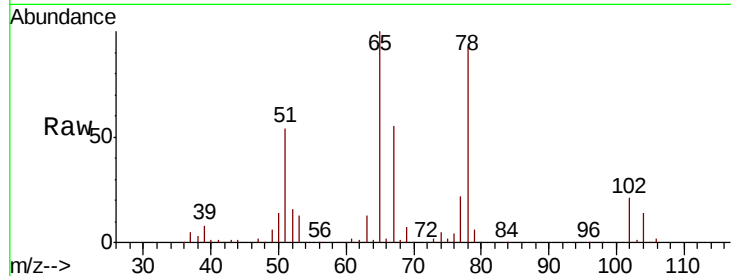




#33  
 1,2-Dichloroethane-d4  
 Concen: 19.955 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

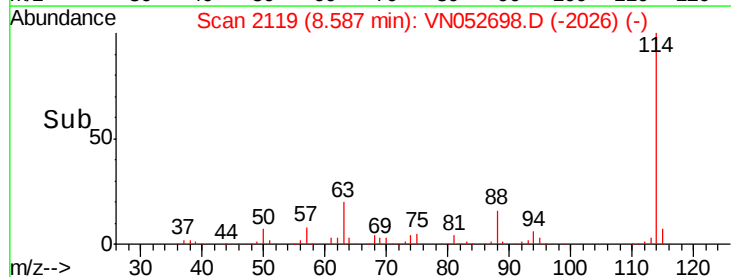
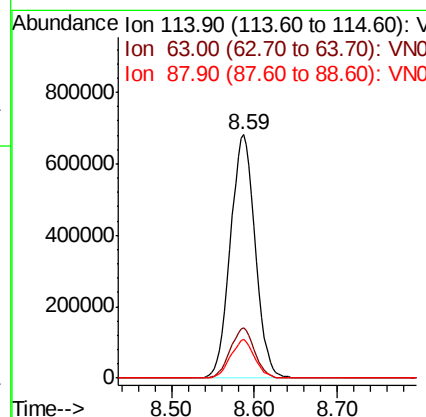
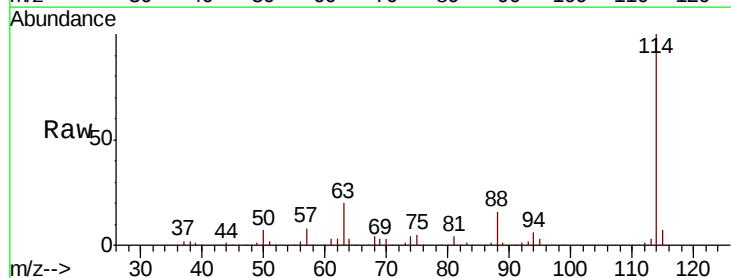
Instrument :  
 MSVOA\_N  
 ClientSampleId :

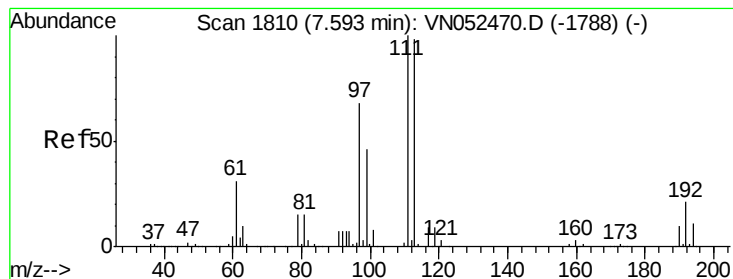
Tot Ion: 65 Resp: 522143  
 Ion Ratio Lower Upper  
 65 100  
 67 54.7 0.0 109.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

Tgt Ion: 114 Resp: 1415805  
 Ion Ratio Lower Upper  
 114 100  
 63 20.4 0.0 41.8  
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

ClientSampleId :

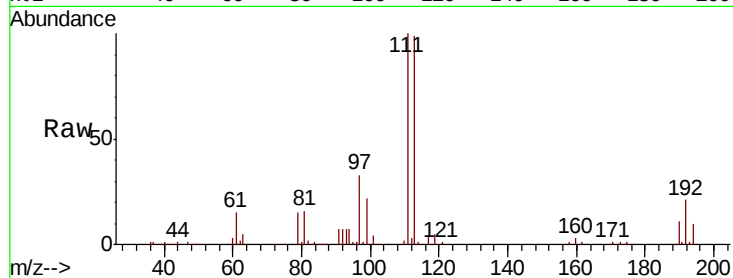
Tot Ion:113 Resp: 461705

Ion Ratio Lower Upper

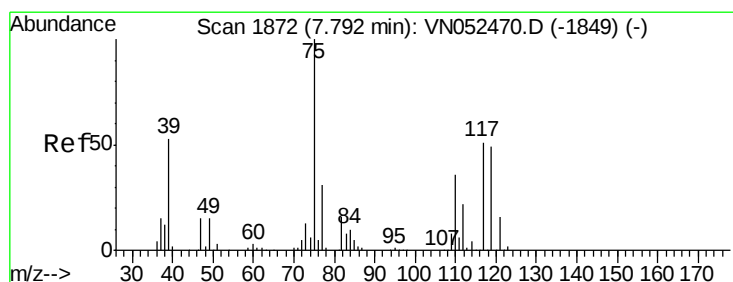
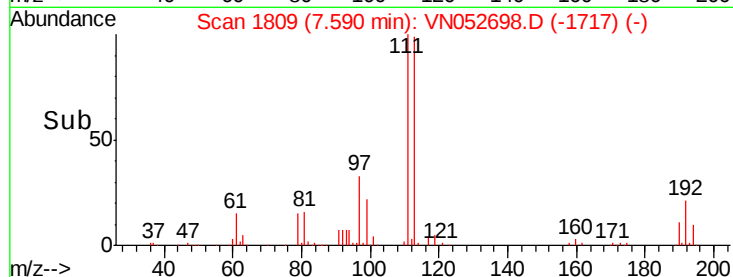
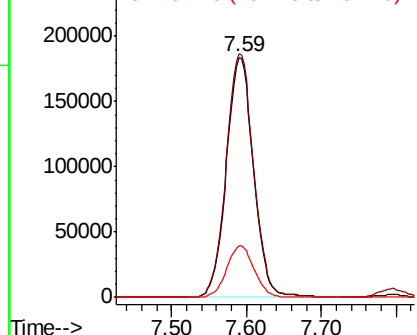
113 100

111 103.0 82.0 123.0

192 21.7 17.0 25.6



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



#36

1,1-Dichloropropene

Concen: 18.666 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

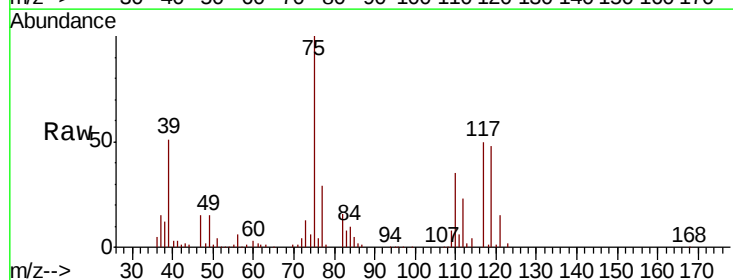
Tgt Ion: 75 Resp: 249556

Ion Ratio Lower Upper

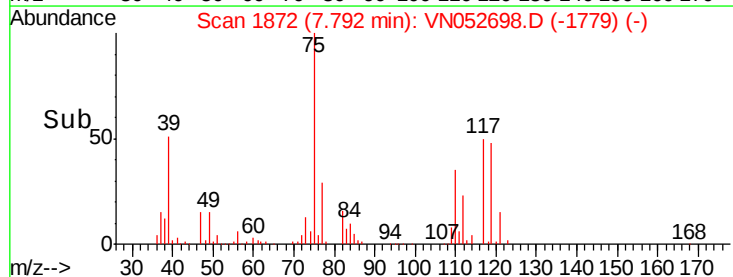
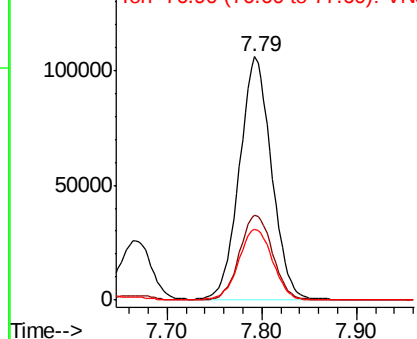
75 100

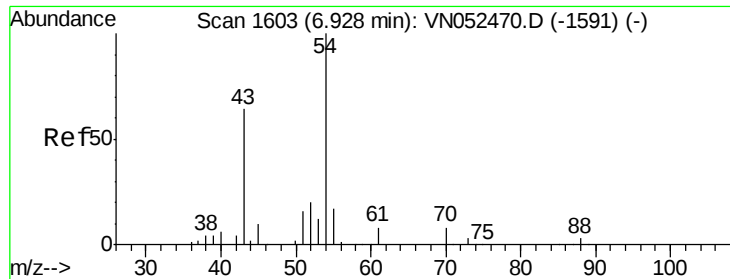
110 36.1 17.5 52.6

77 30.8 24.5 36.7



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

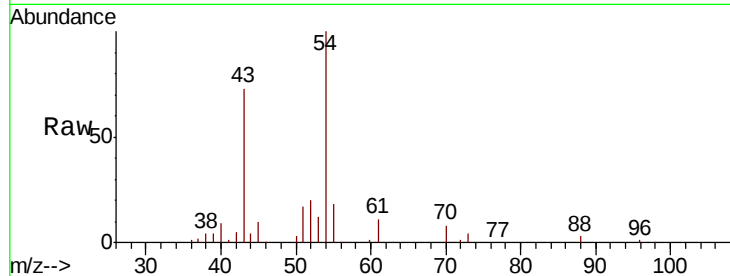




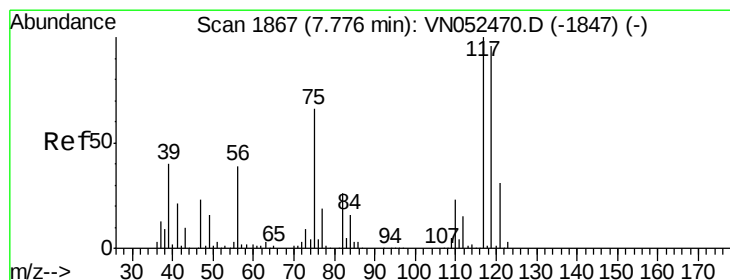
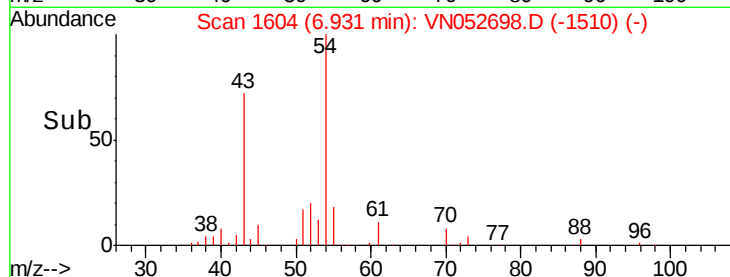
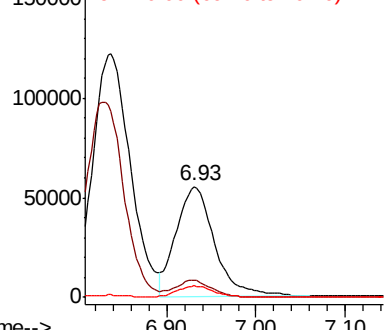
#37  
Ethyl Acetate  
Concen: 20.143 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 164353  
Ion Ratio Lower Upper  
43 100  
61 13.5 11.8 17.8  
70 10.1 7.8 11.8

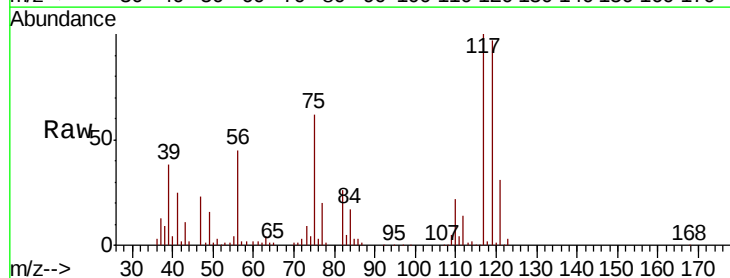


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

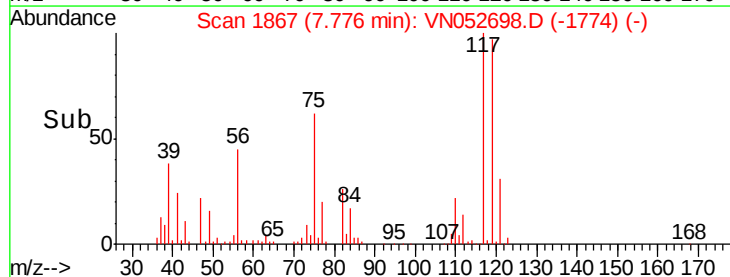
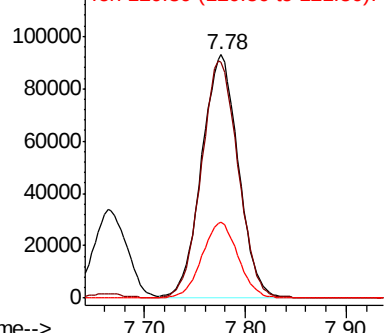


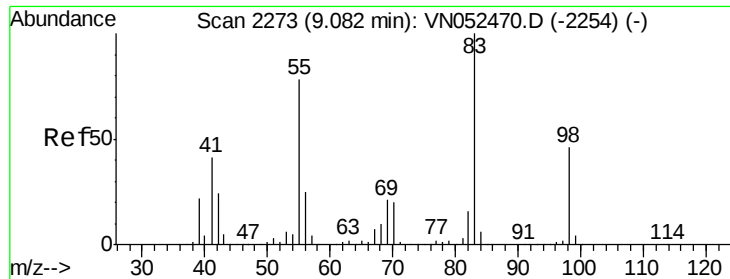
#38  
Carbon Tetrachloride  
Concen: 19.375 ug/l  
RT: 7.78 min Scan# 1867  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion: 117 Resp: 234502  
Ion Ratio Lower Upper  
117 100  
119 96.9 76.8 115.2  
121 31.3 24.9 37.3



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

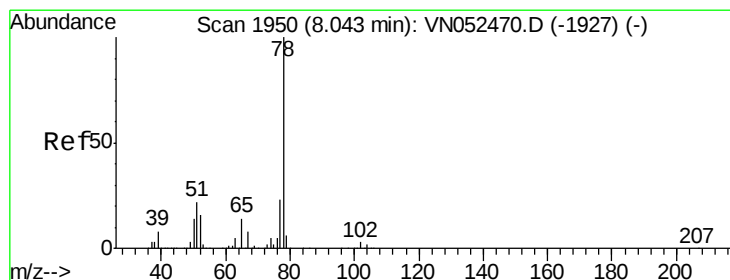
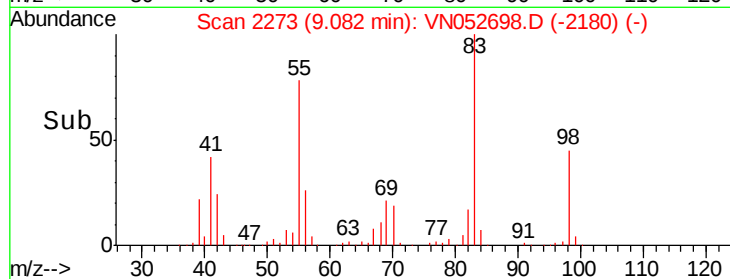
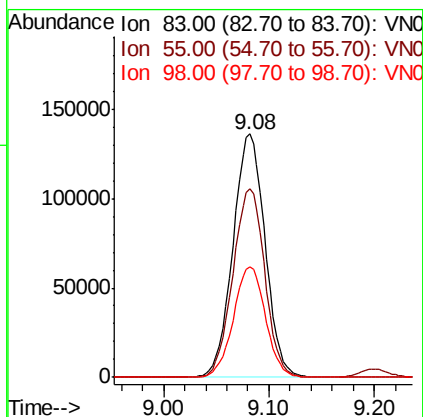
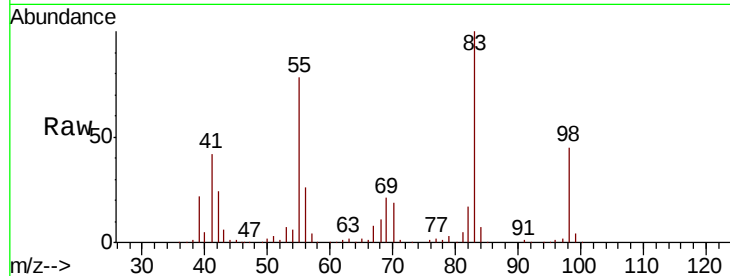




#39  
Methvlcvclohexane  
Concen: 17.668 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

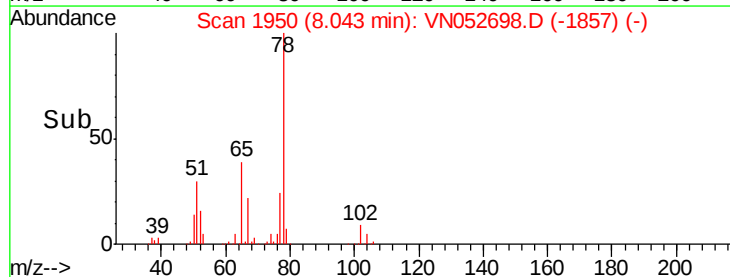
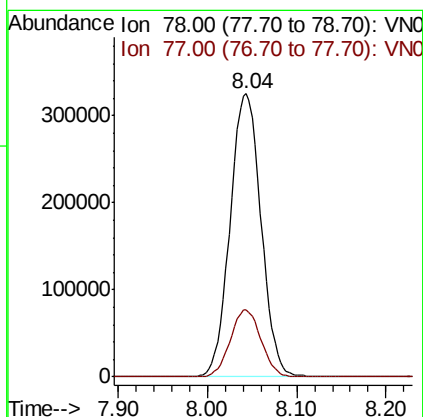
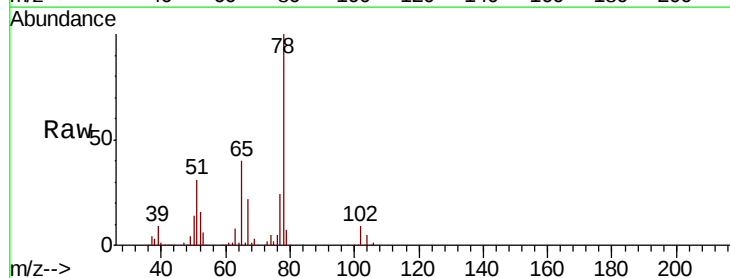
Instrument :  
MSVOA\_N  
ClientSampled :

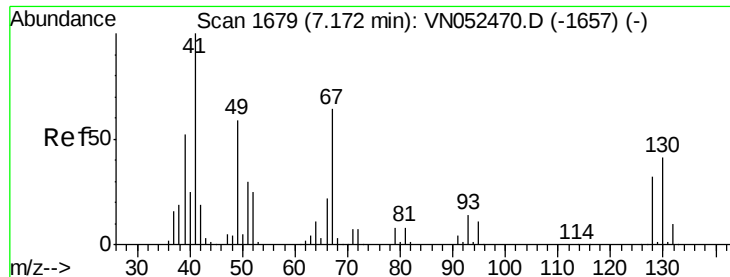
| Tot Ion | 83.00 | Resp  | 287115 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 55      | 77.6  | 62.2  | 93.2   |
| 98      | 45.3  | 36.4  | 54.6   |



#40  
Benzene  
Concen: 19.574 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

| Tgt Ion | 78    | Resp  | 779936 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 78      | 100   |       |        |
| 77      | 23.7  | 18.8  | 28.2   |

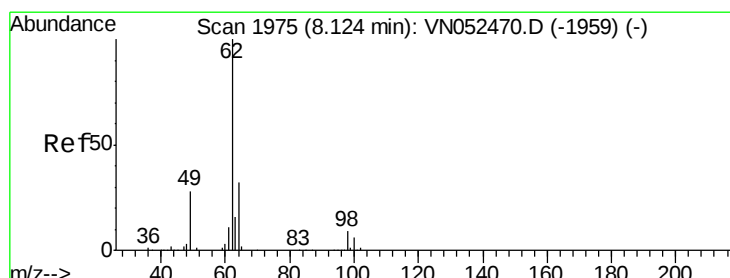
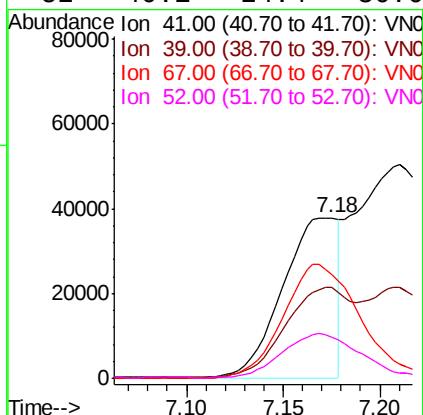
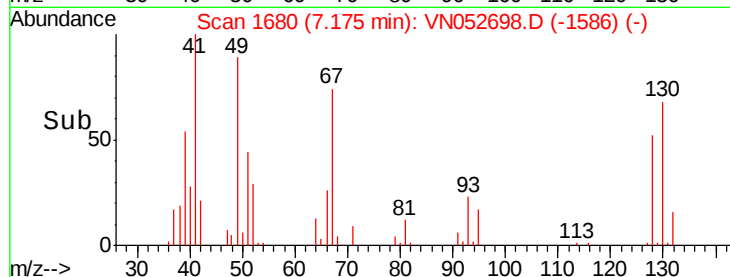
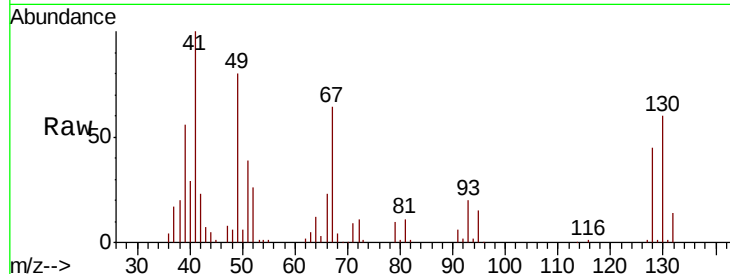




#41  
Methacrylonitrile  
Concen: 16.924 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

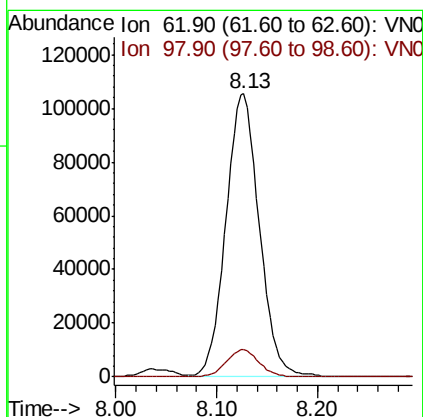
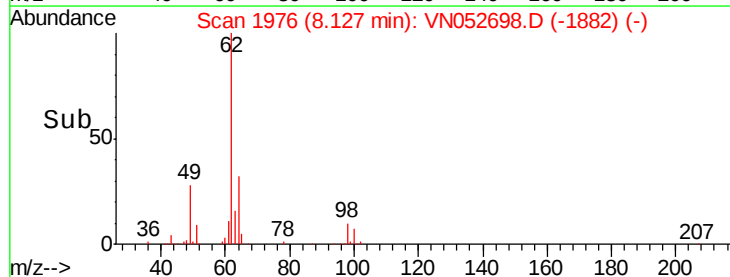
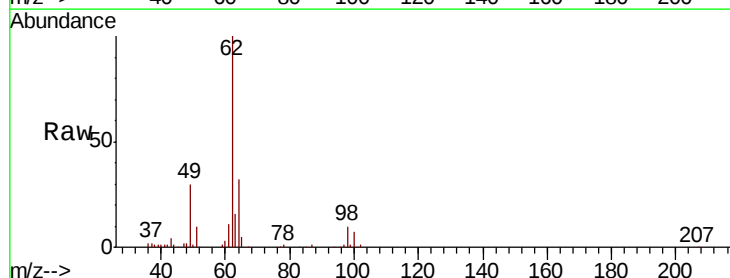
Instrument :  
MSVOA\_N  
ClientSampled :

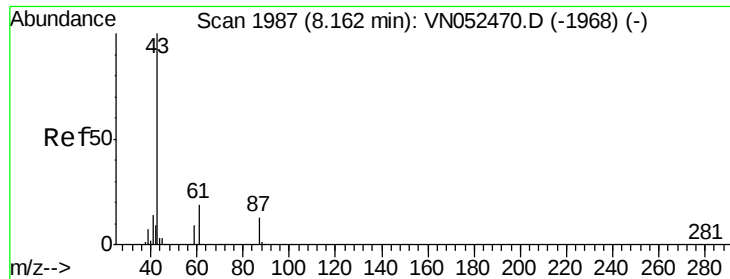
Tot Ion: 41 Resp: 75497  
Ion Ratio Lower Upper  
41 100  
39 67.2 50.9 76.3  
67 99.9 63.6 95.4#  
52 40.1 24.4 36.6#



#42  
1,2-Dichloroethane  
Concen: 20.041 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion: 62 Resp: 241780  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 18.6





#43

Isopropyl Acetate

Concen: 20.447 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

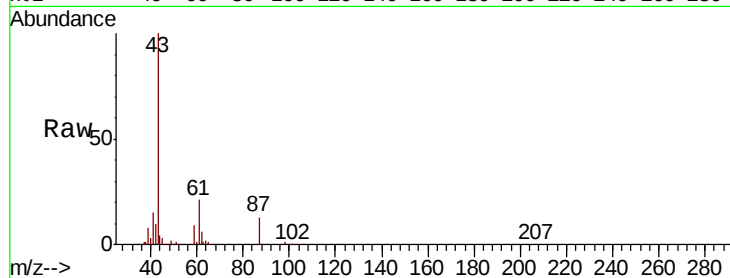
Instrument :

MSVOA\_N

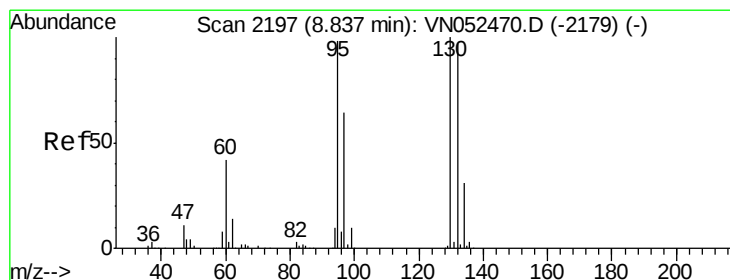
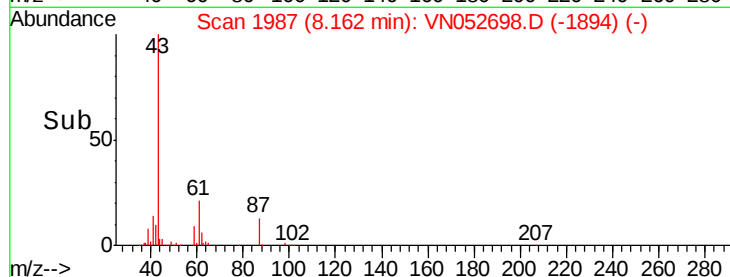
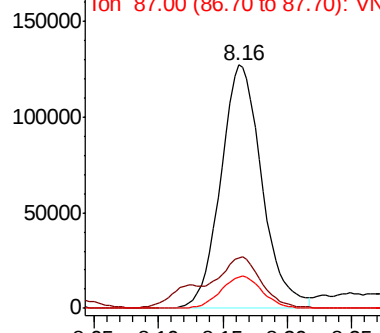
ClientSampleId :

Tot Ion: 43 Resp: 282344

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 21.1  | 24.1  | 36.1# |
| 87  | 13.2  | 10.6  | 15.8  |



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)



#44

Trichloroethene

Concen: 20.276 ug/l

RT: 8.84 min Scan# 2197

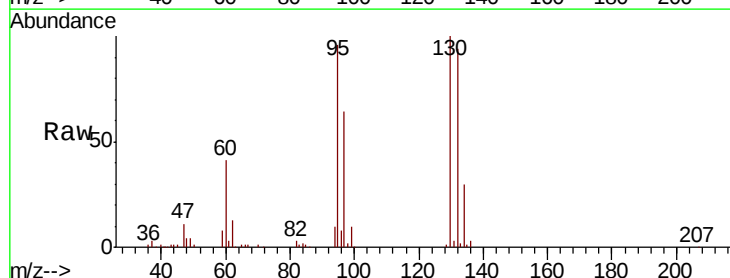
Delta R.T. -0.00 min

Lab File: VN052698.D

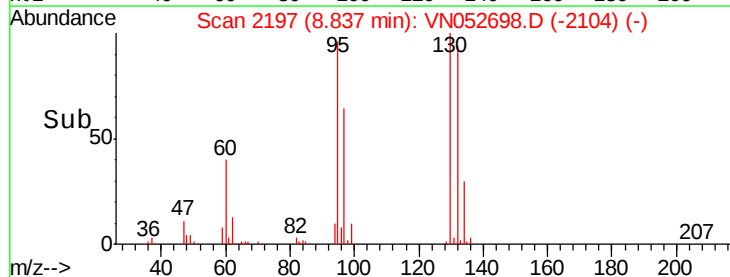
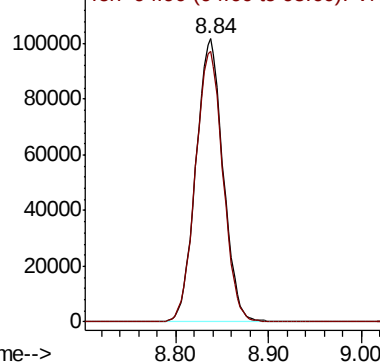
Acq: 6 Dec 2018 14:33

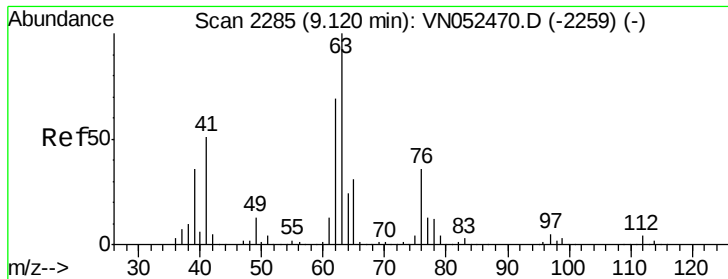
Tgt Ion:130 Resp: 206938

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 95.7  | 0.0   | 195.6 |



Abundance Ion 129.80 (129.50 to 130.50): VN052470.D (-2179) (-)

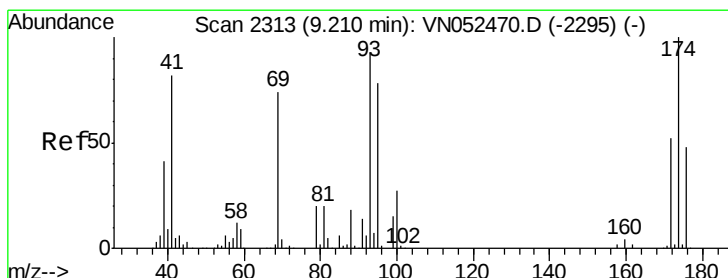
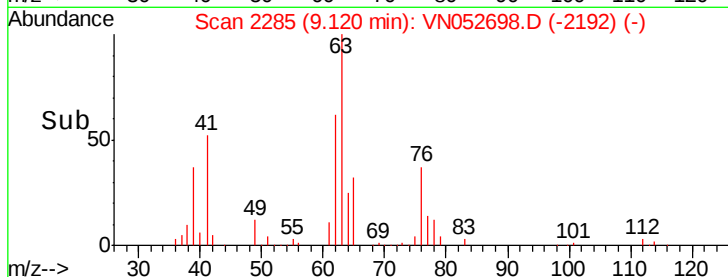
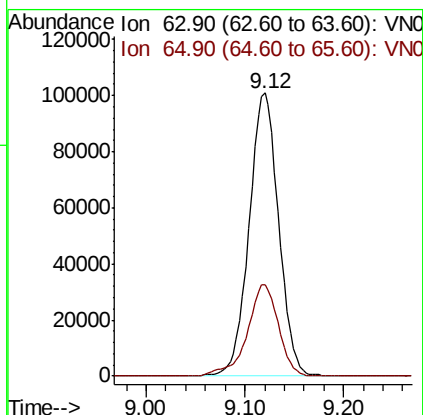
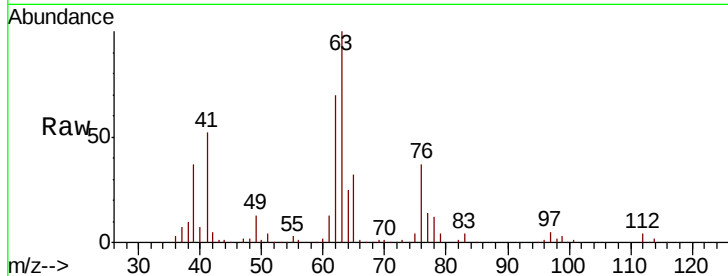




#45  
 1,2-Dichloropropane  
 Concen: 19.650 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

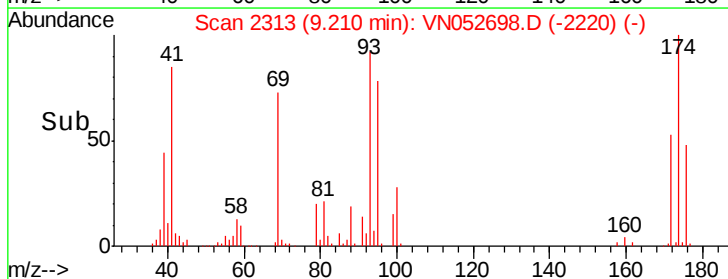
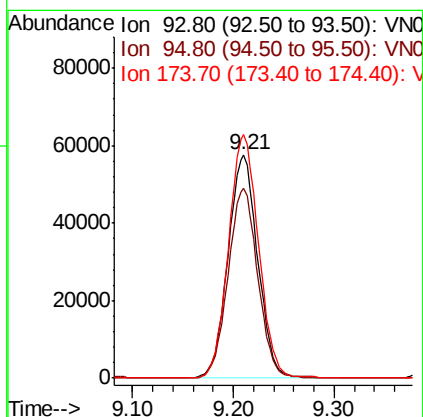
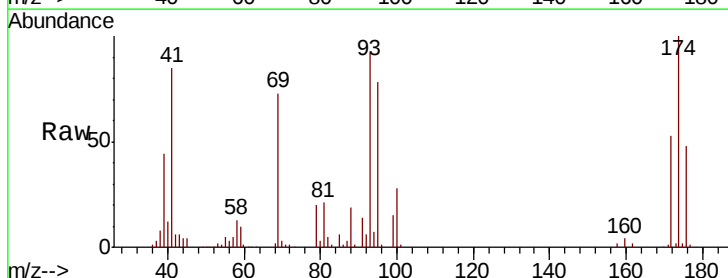
Instrument :  
 MSVOA\_N  
 ClientSampled :

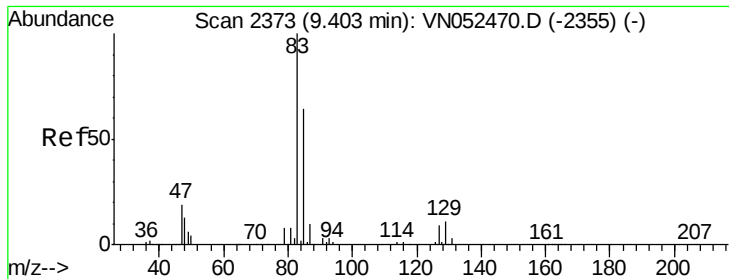
Tot Ion: 63 Resp: 208160  
 Ion Ratio Lower Upper  
 63 100  
 65 32.4 25.0 37.6



#46  
 Dibromomethane  
 Concen: 20.157 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

Tgt Ion: 93 Resp: 118204  
 Ion Ratio Lower Upper  
 93 100  
 95 84.9 67.1 100.7  
 174 110.3 85.8 128.8

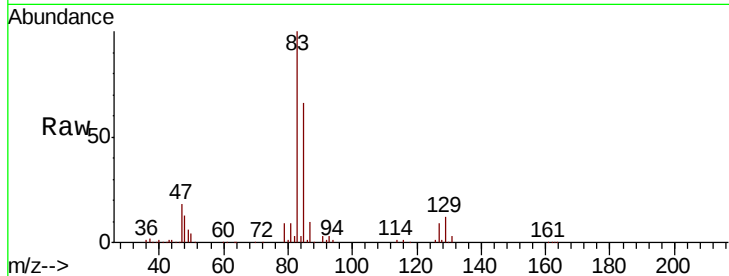




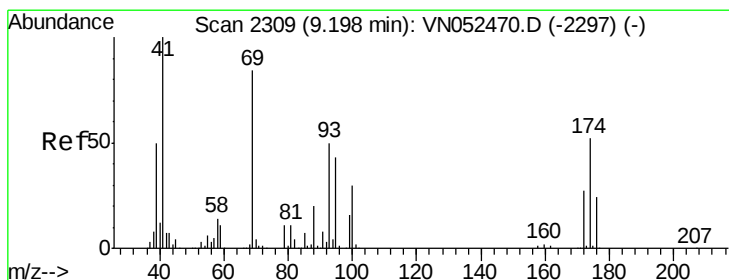
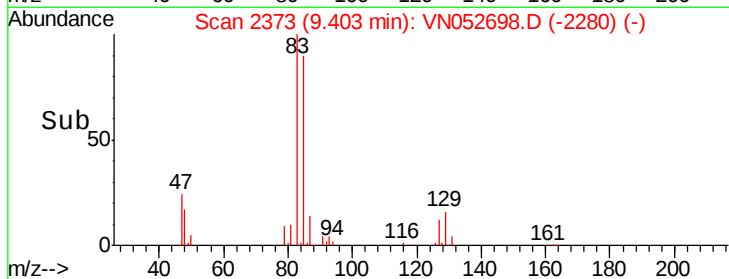
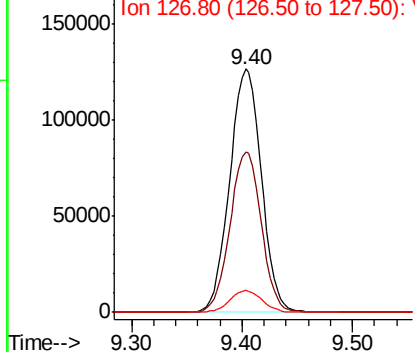
#47  
Bromodichloromethane  
Concen: 19.834 ug/l  
RT: 9.40 min Scan# 2373  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 83 Resp: 252880  
Ion Ratio Lower Upper  
83 100  
85 66.1 51.3 76.9  
127 8.9 6.9 10.3

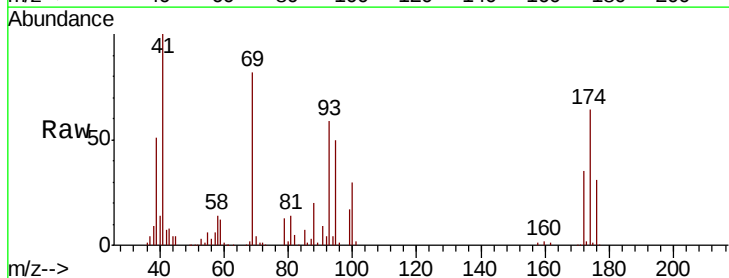


Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): VN0

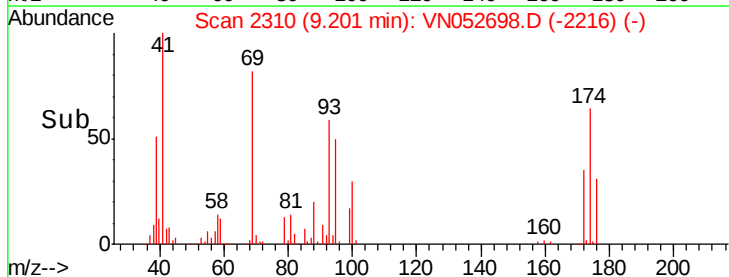
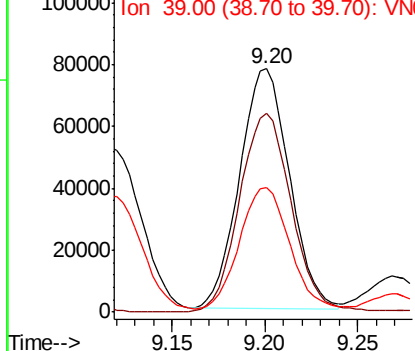


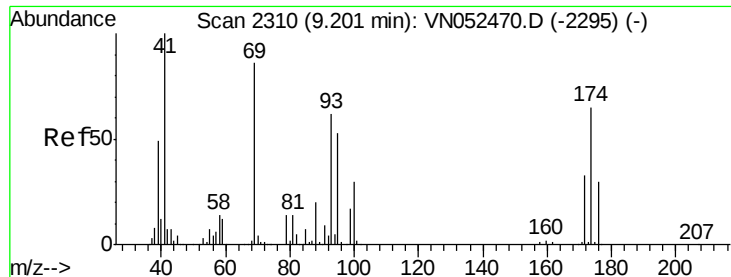
#48  
Methyl methacrylate  
Concen: 20.122 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion: 41 Resp: 144878  
Ion Ratio Lower Upper  
41 100  
69 86.9 70.0 105.0  
39 53.6 42.6 64.0



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

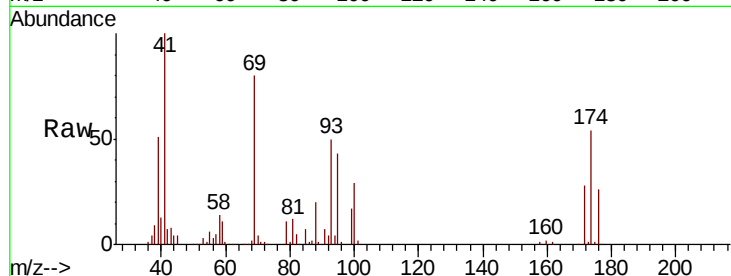




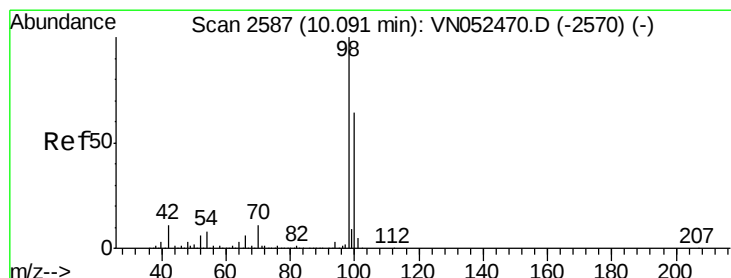
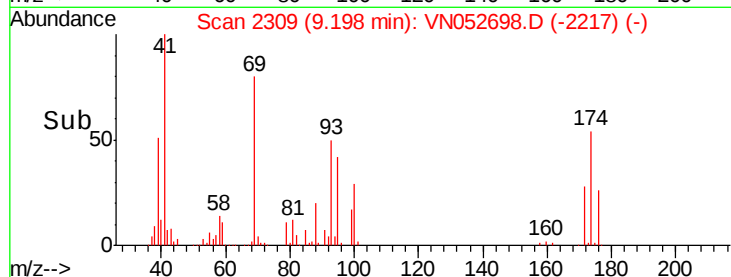
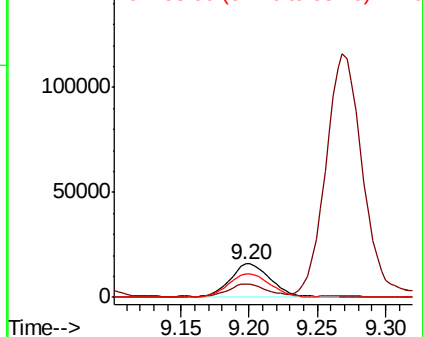
#49  
1,4-Dioxane  
Concen: 445.958 ug/l  
RT: 9.20 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 88 Resp: 33324  
Ion Ratio Lower Upper  
88 100  
43 34.9 26.4 39.6  
58 72.0 55.4 83.0

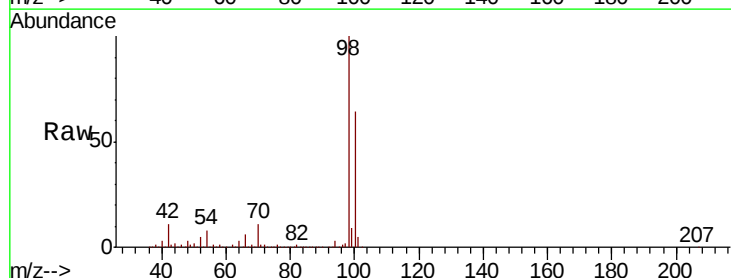


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

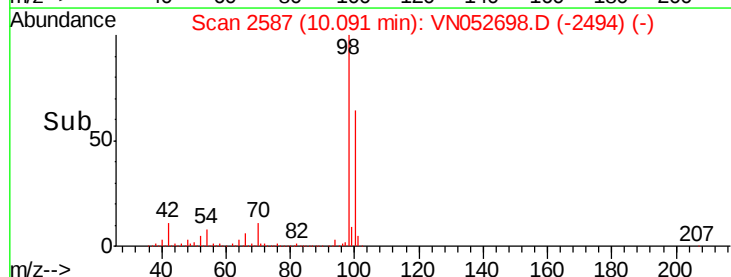
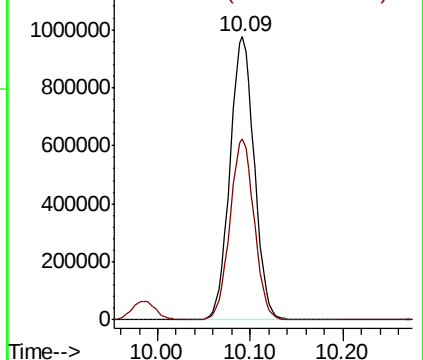


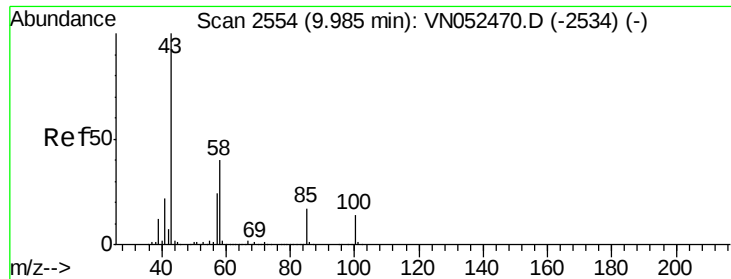
#50  
Toluene-d8  
Concen: 445.958 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion: 98 Resp: 1770539  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.3 76.9



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

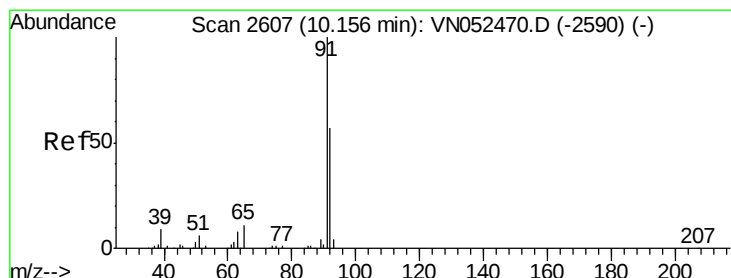
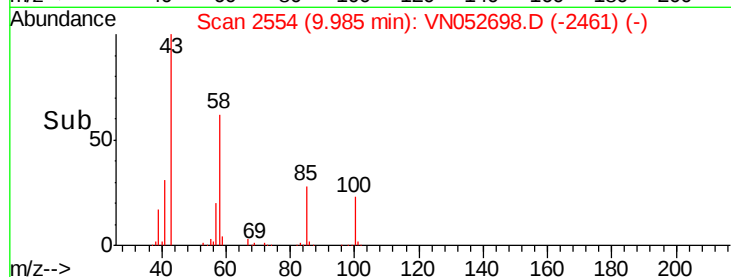
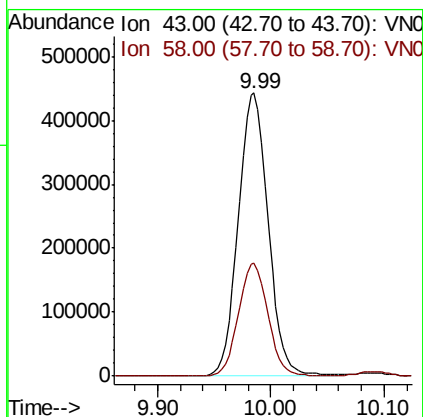
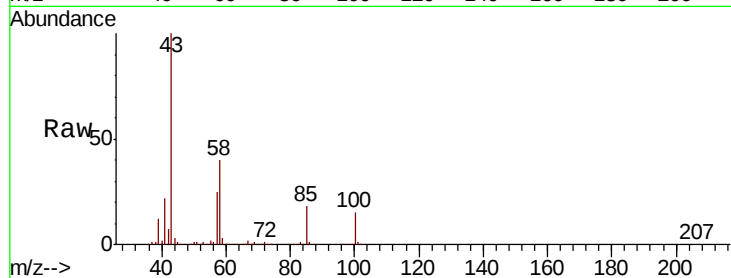




#51  
 4-Methyl-2-Pentanone  
 Concen: 105.142 ug/l  
 RT: 9.99 min Scan# 2554  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

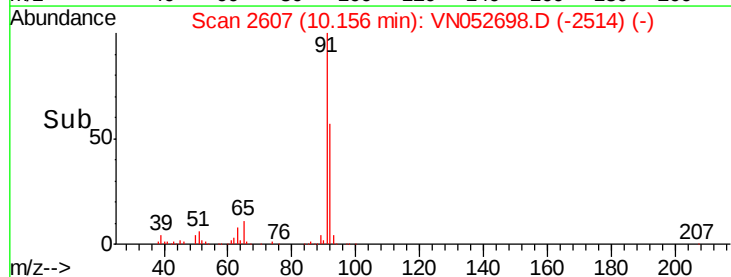
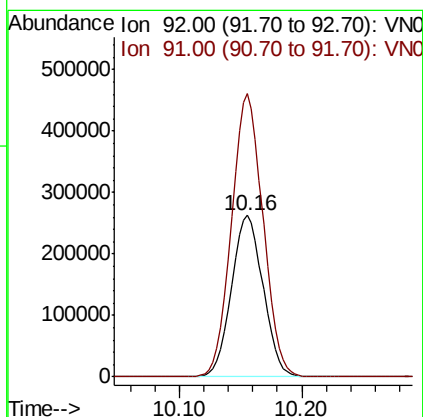
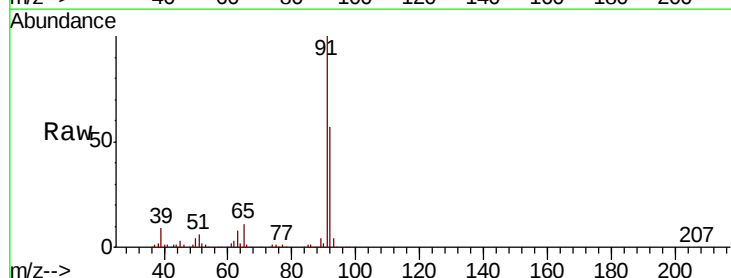
Instrument :  
 MSVOA\_N  
 ClientSampled :

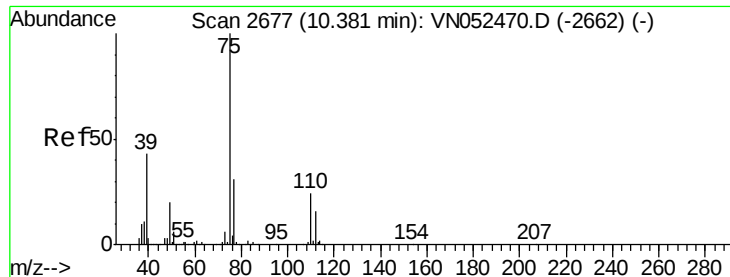
Tot Ion: 43 Resp: 814585  
 Ion Ratio Lower Upper  
 43 100  
 58 39.5 31.5 47.3



#52  
 Toluene  
 Concen: 20.000 ug/l  
 RT: 10.16 min Scan# 2607  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

Tgt Ion: 92 Resp: 473457  
 Ion Ratio Lower Upper  
 92 100  
 91 174.2 141.0 211.4





#53

t-1,3-Dichloropropene

Concen: 19.525 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

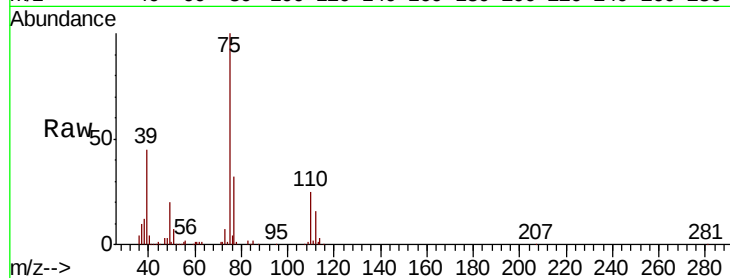
ClientSampled :

Tot Ion: 75 Resp: 239492

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

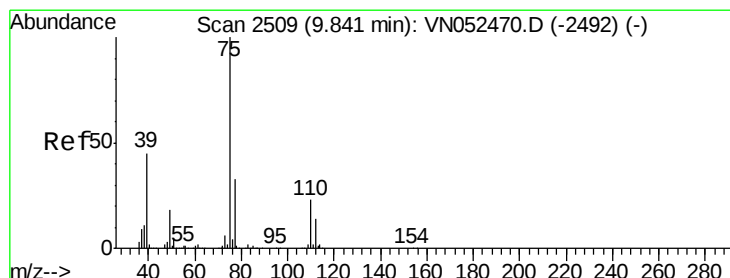
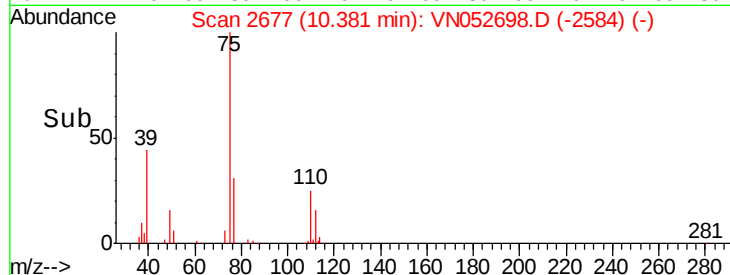
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.706 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

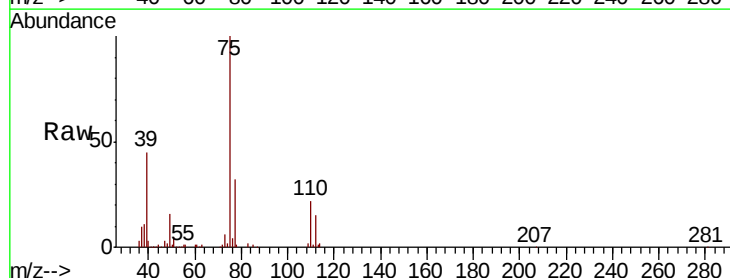
Tgt Ion: 75 Resp: 289655

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

39 44.6 36.0 54.0



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

200000

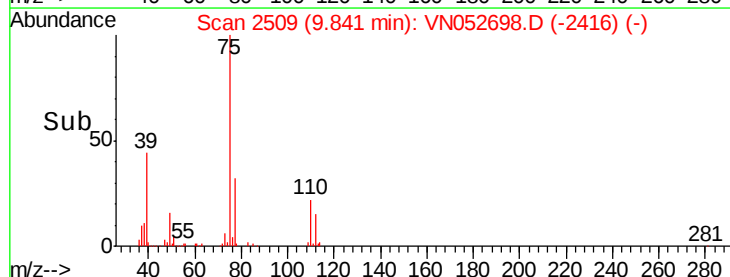
150000

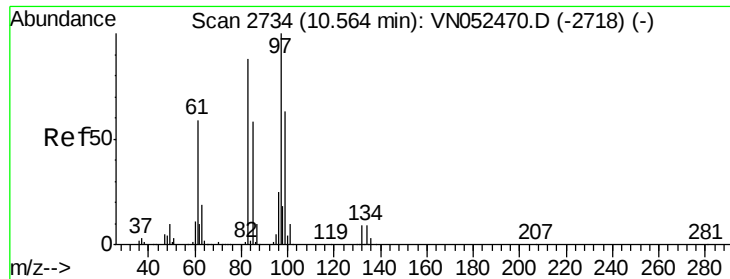
100000

50000

0

Time-->

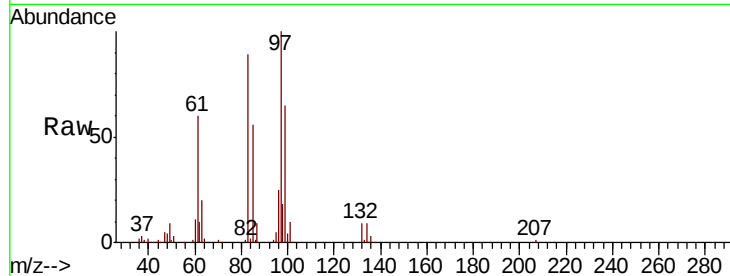




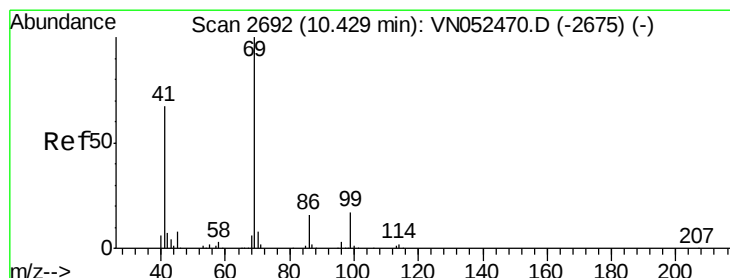
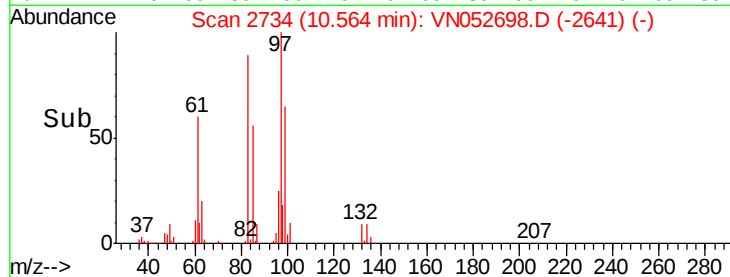
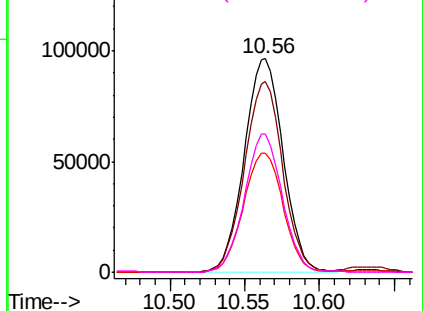
#55  
 1,1,2-Trichloroethane  
 Concen: 20.961 ug/l  
 RT: 10.56 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

Instrument :  
 MSVOA\_N  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 174546 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 89.3  | 70.7  | 106.1  |
| 85       | 55.8  | 46.1  | 69.1   |
| 99       | 64.6  | 50.8  | 76.2   |

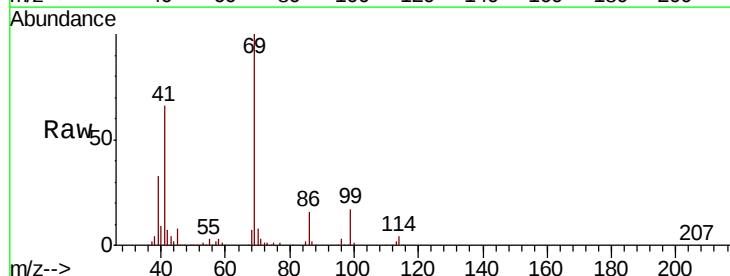


Abundance Ion 96.90 (96.60 to 97.60): VN0  
 Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 98.90 (98.60 to 99.60): VN0

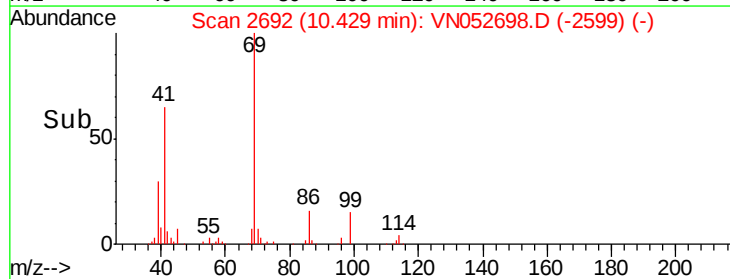
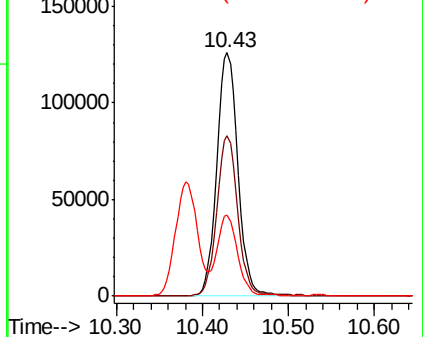


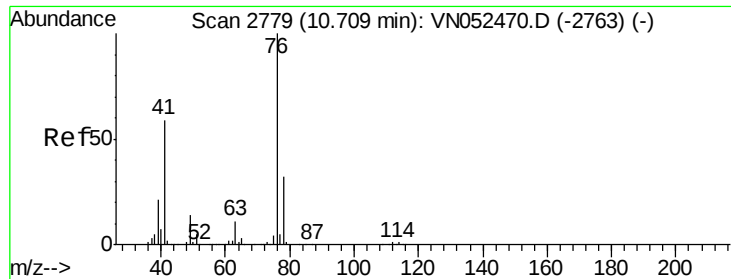
#56  
 Ethyl methacrylate  
 Concen: 20.422 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 216677 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.1  | 52.6  | 79.0   |
| 39       | 31.2  | 25.9  | 38.9   |



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

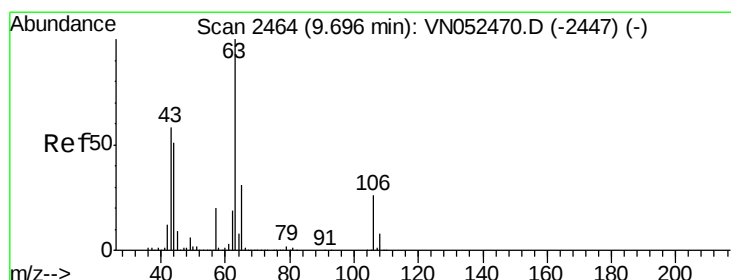
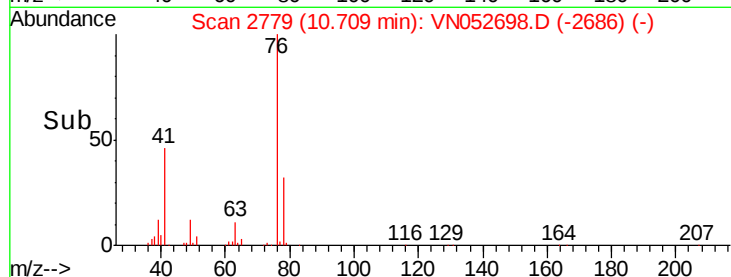
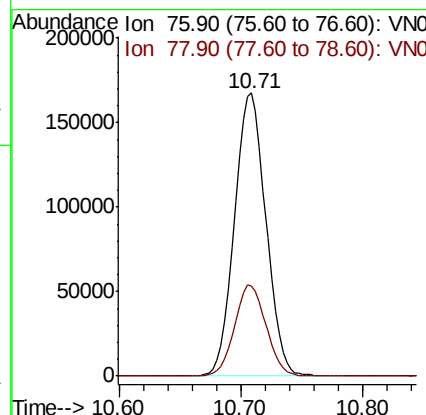
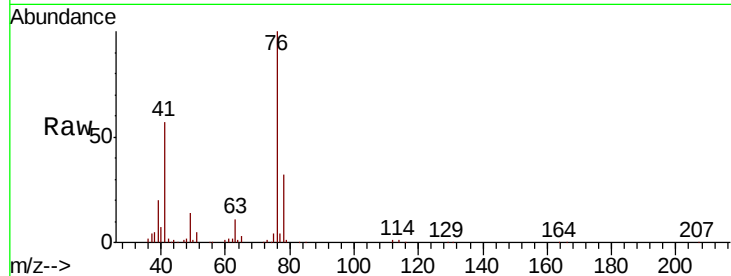




#57  
 1,3-Dichloropropane  
 Concen: 20.404 ug/l  
 RT: 10.71 min Scan# 2779  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

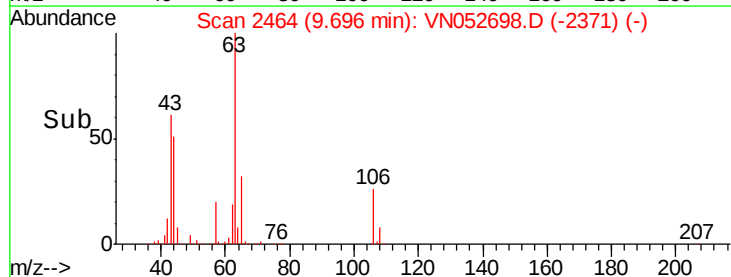
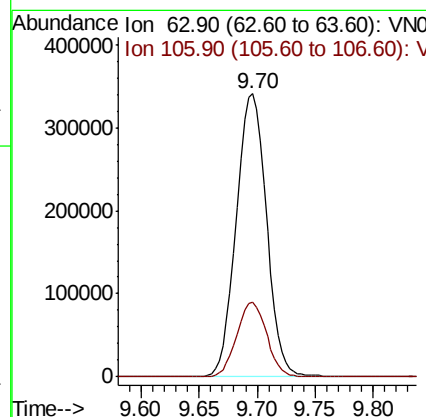
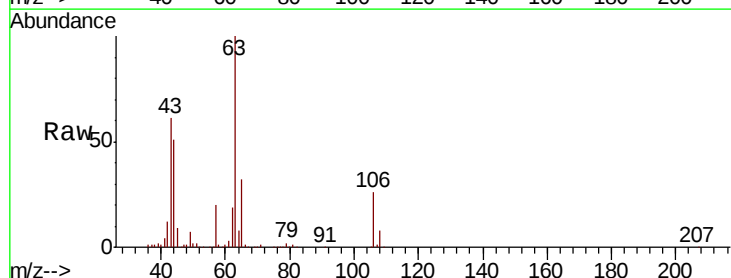
Instrument :  
 MSVOA\_N  
 ClientSampleId :

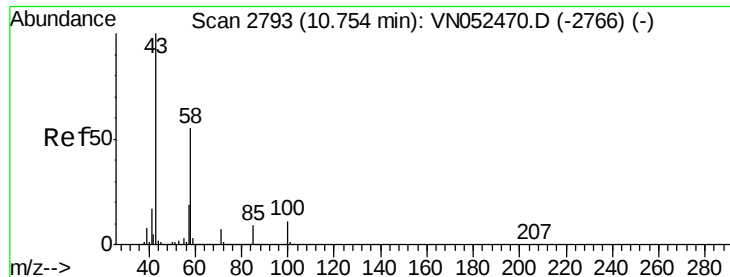
Tot Ion: 76 Resp: 300017  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.6 38.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 101.934 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

Tgt Ion: 63 Resp: 615930  
 Ion Ratio Lower Upper  
 63 100  
 106 26.2 20.6 30.8

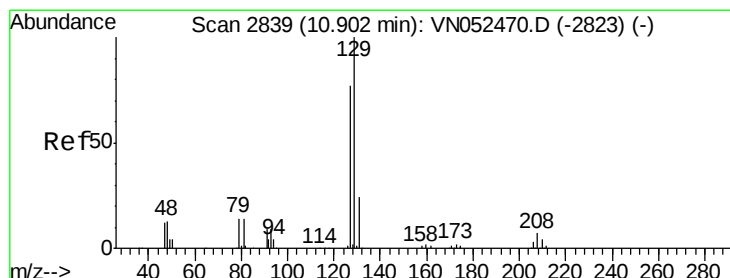
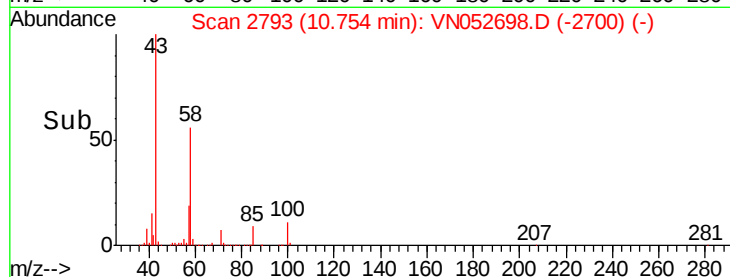
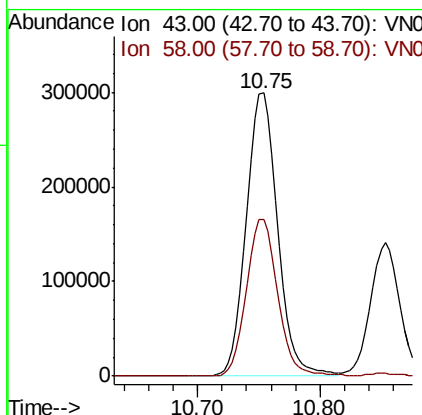
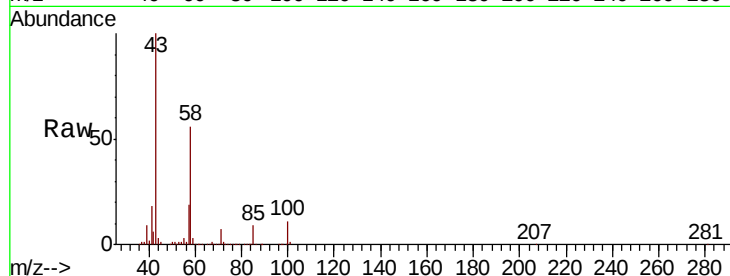




#59  
2-Hexanone  
Concen: 101.251 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

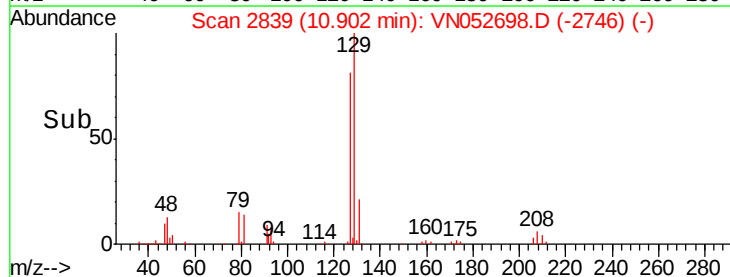
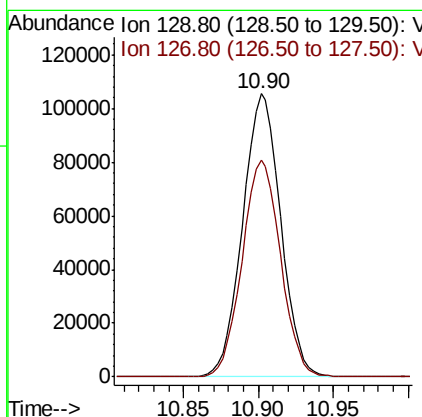
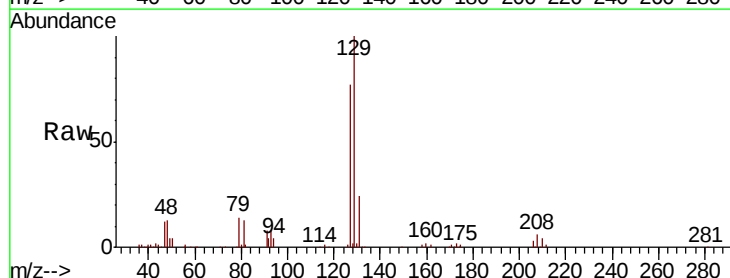
Instrument :  
MSVOA\_N  
ClientSampled :

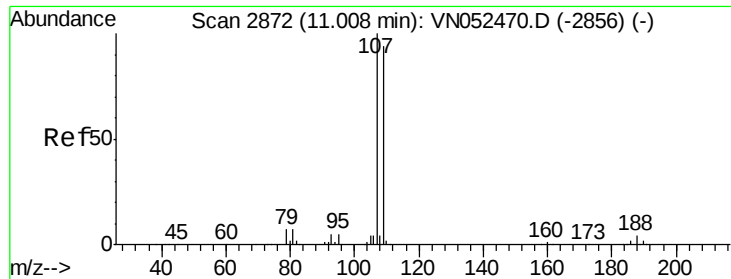
Tot Ion: 43 Resp: 526479  
Ion Ratio Lower Upper  
43 100  
58 55.4 27.4 82.0



#60  
Dibromochloromethane  
Concen: 20.701 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion: 129 Resp: 187227  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.9 116.6

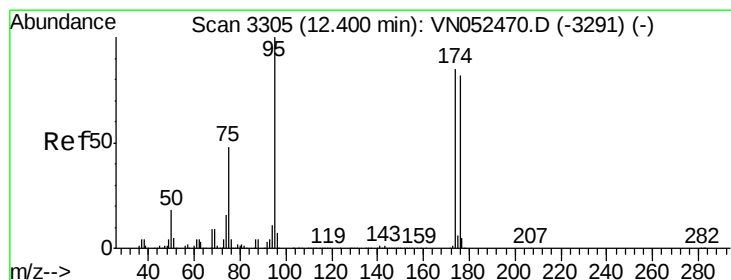
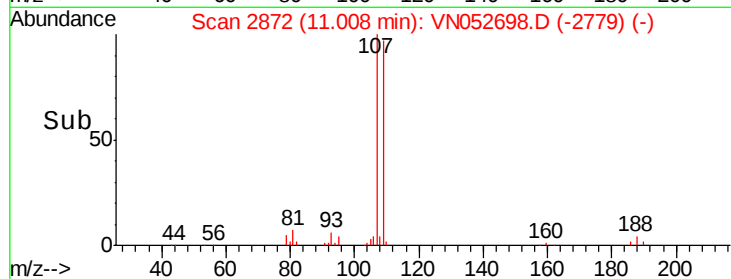
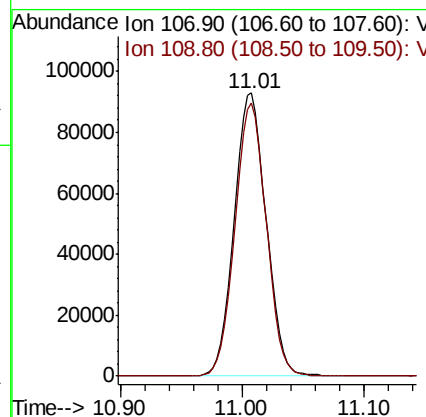
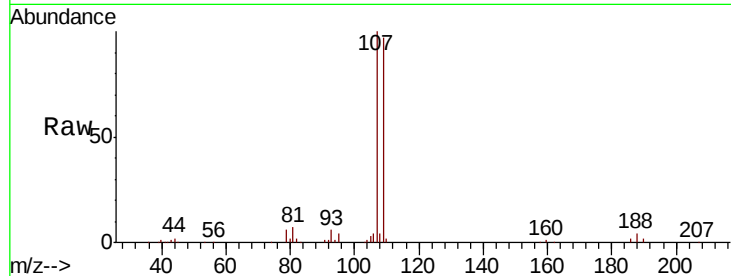




#61  
 1,2-Dibromoethane  
 Concen: 20.456 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

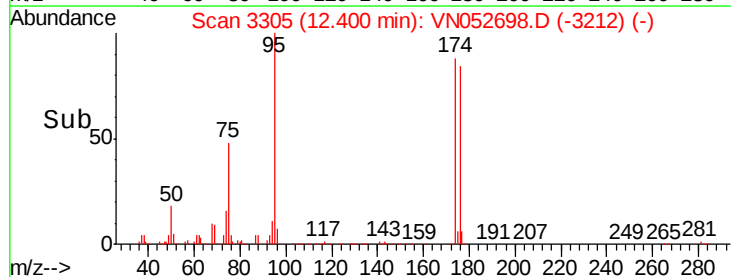
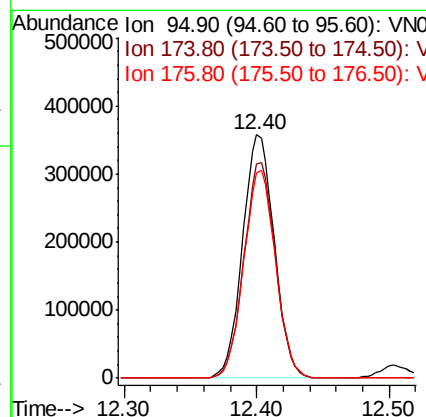
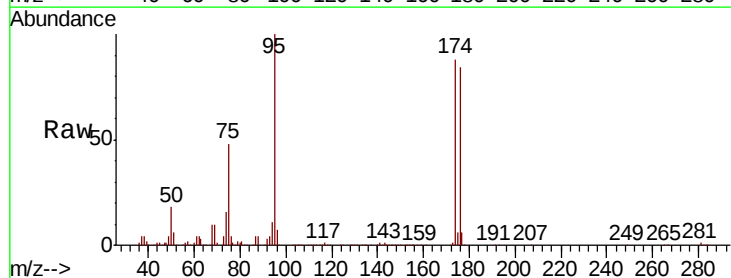
Instrument :  
 MSVOA\_N  
 ClientSampled :

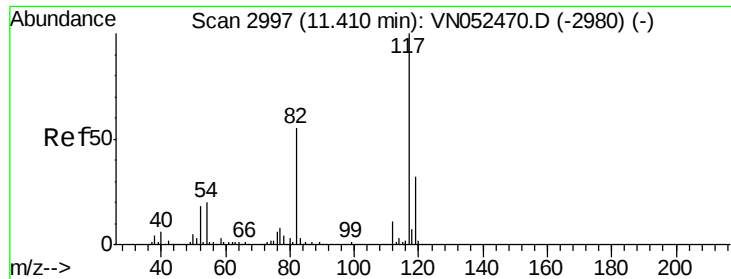
Tot Ion:107 Resp: 169187  
 Ion Ratio Lower Upper  
 107 100  
 109 94.4 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 20.456 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

Tgt Ion: 95 Resp: 593654  
 Ion Ratio Lower Upper  
 95 100  
 174 88.0 0.0 173.0  
 176 85.6 0.0 166.2

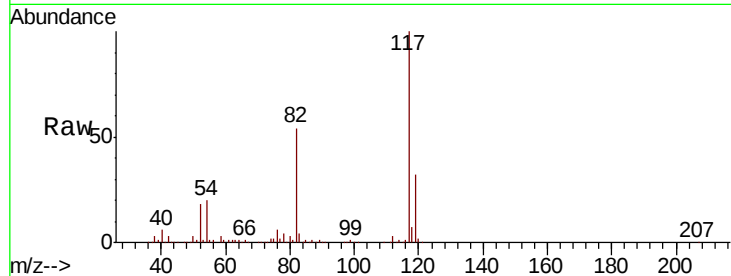




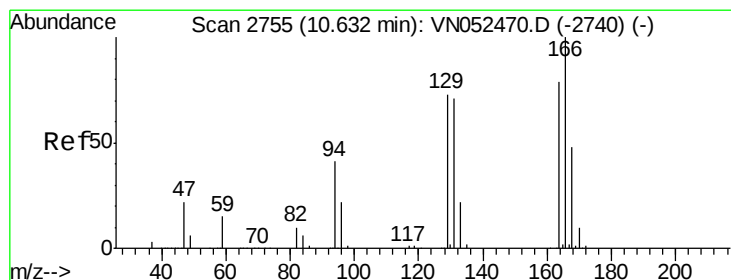
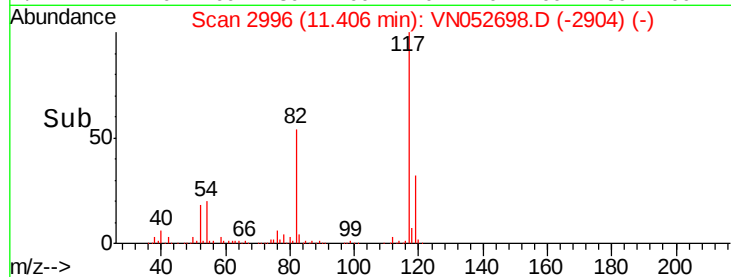
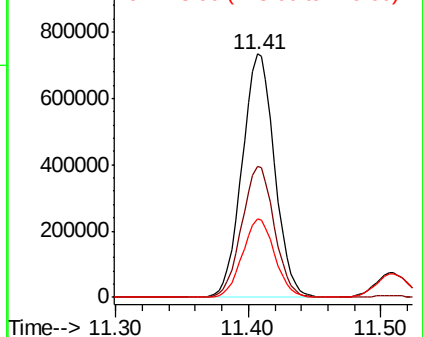
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 1246351  
Ion Ratio Lower Upper  
117 100  
82 53.9 43.6 65.4  
119 32.1 25.4 38.2

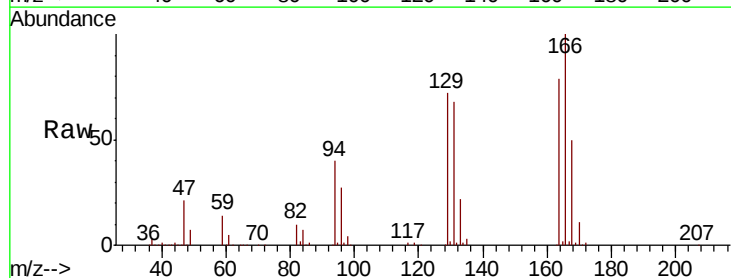


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

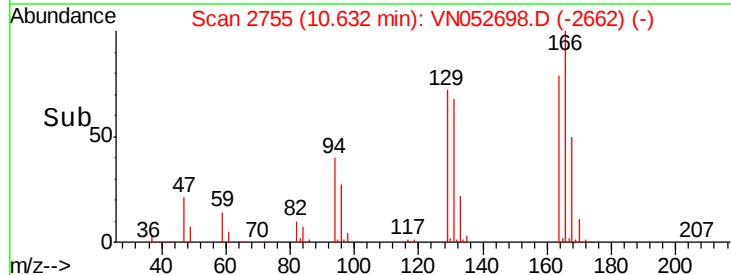
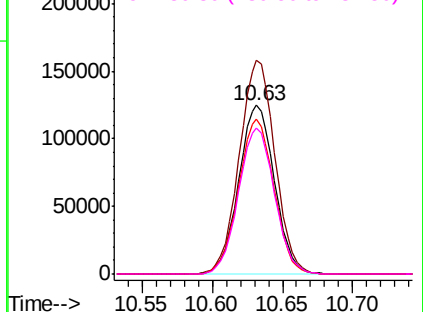


#64  
Tetrachloroethene  
Concen: 22.894 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion:164 Resp: 221228  
Ion Ratio Lower Upper  
164 100  
166 126.6 101.0 151.4  
129 91.5 73.8 110.6  
131 86.3 71.2 106.8



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

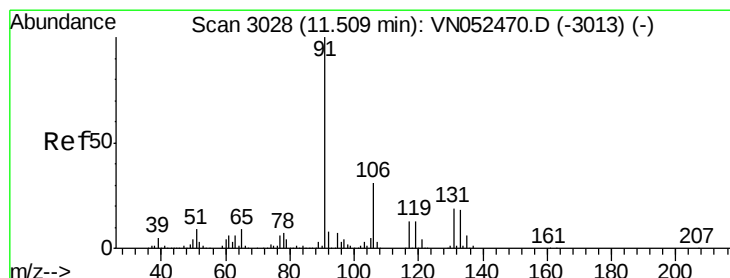
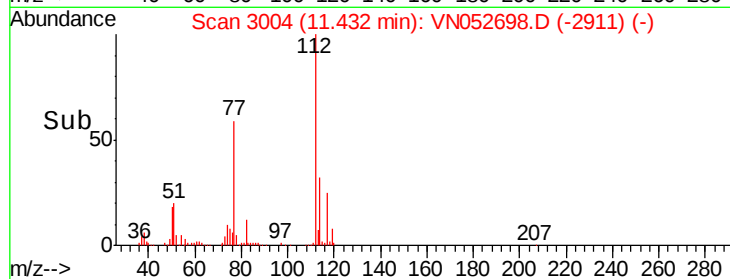
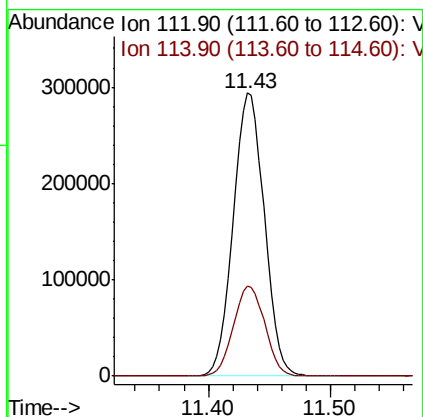
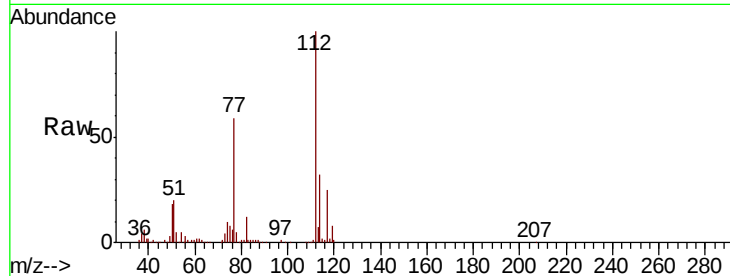




#65  
Chlorobenzene  
Concen: 20.205 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

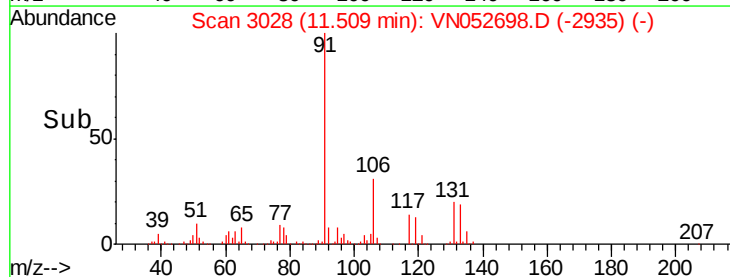
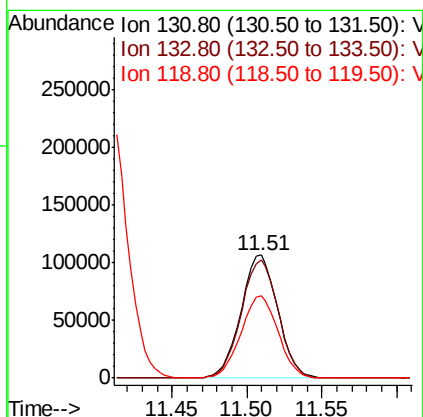
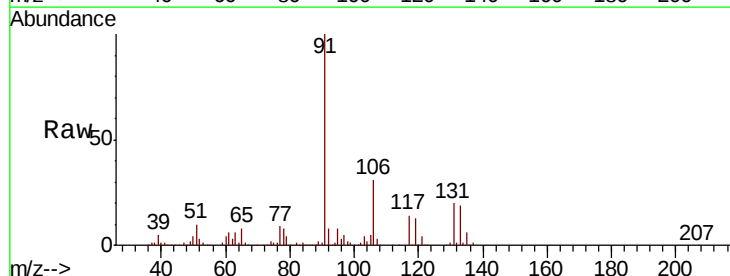
Instrument :  
MSVOA\_N  
ClientSampled :

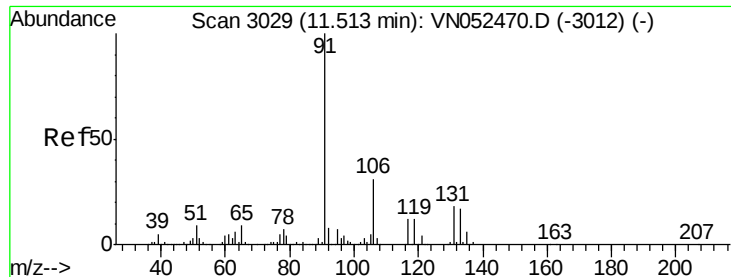
Tot Ion:112 Resp: 519269  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.416 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion:131 Resp: 182433  
Ion Ratio Lower Upper  
131 100  
133 97.0 47.6 142.8  
119 67.5 33.2 99.6

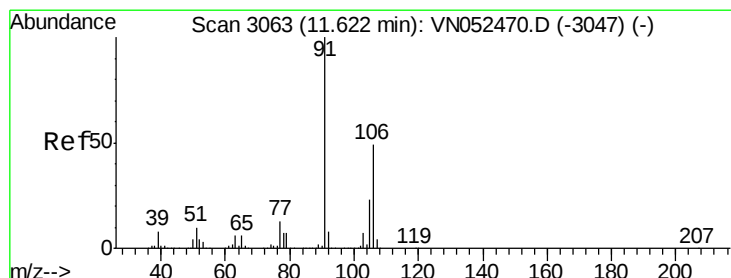
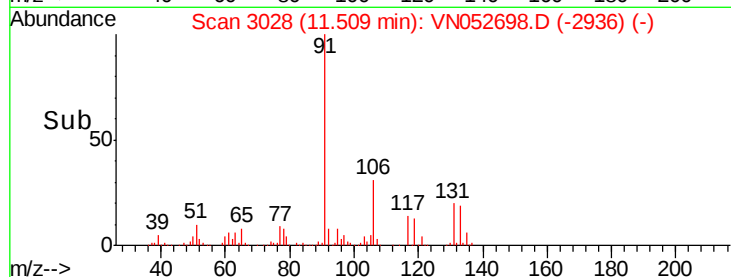
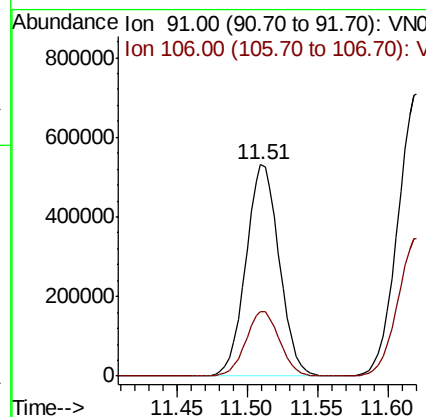
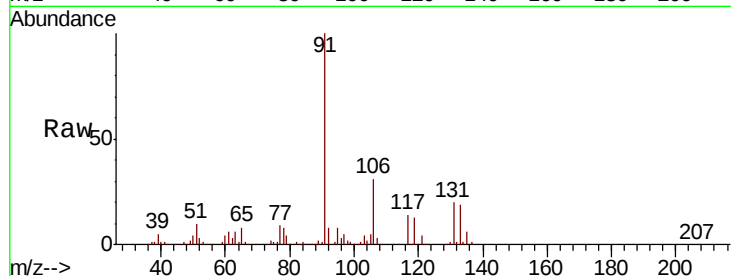




#67  
Ethyl Benzene  
Concen: 19.595 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

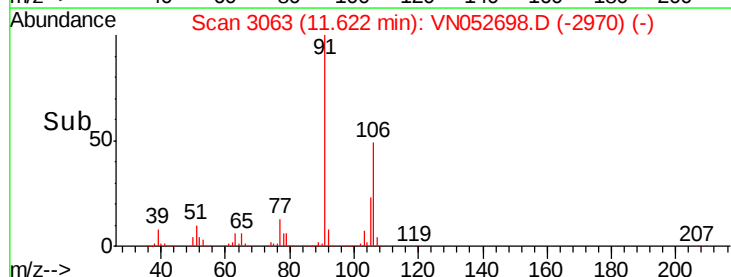
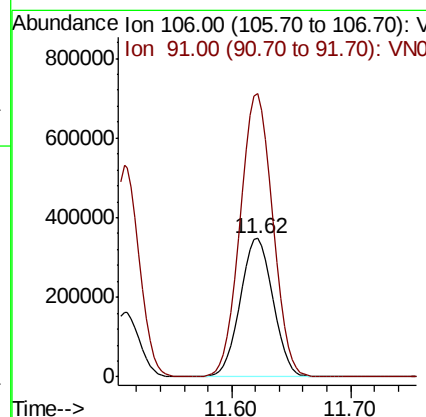
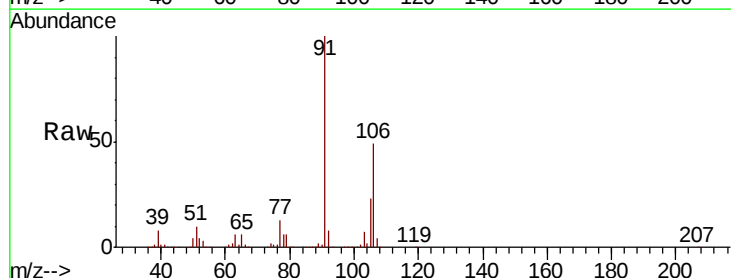
Instrument :  
MSVOA\_N  
ClientSampled :

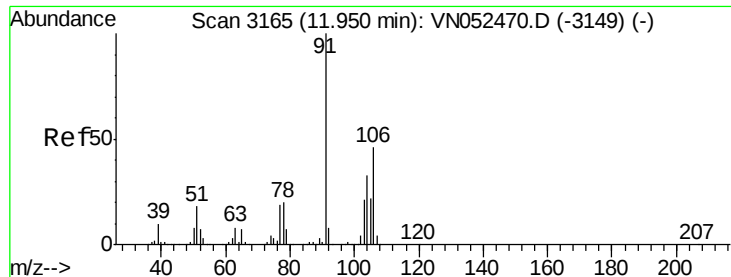
Tot Ion: 91 Resp: 881882  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.9 37.3



#68  
m/p-Xylenes  
Concen: 39.648 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion: 106 Resp: 664262  
Ion Ratio Lower Upper  
106 100  
91 203.6 163.2 244.8

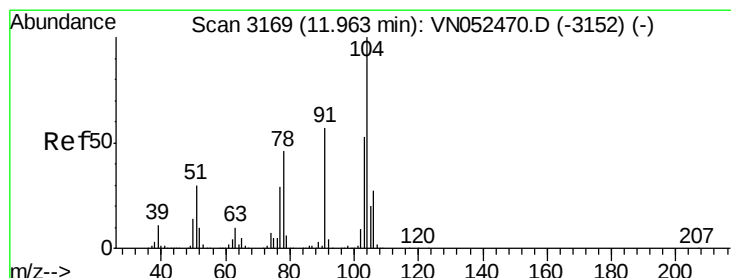
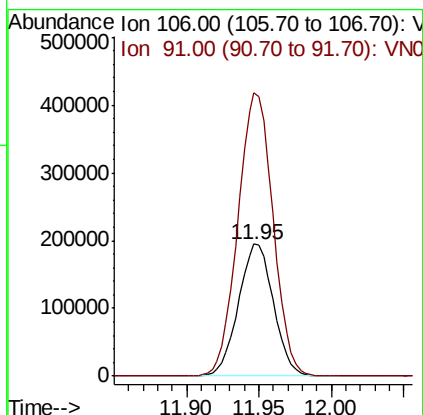
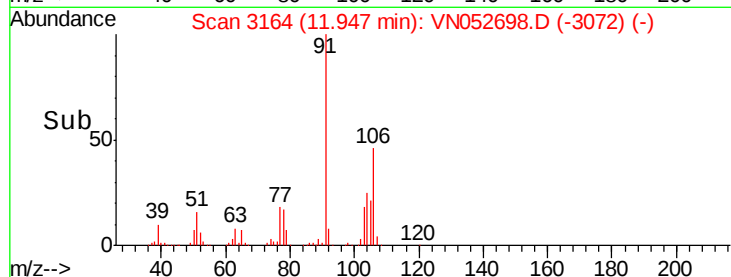
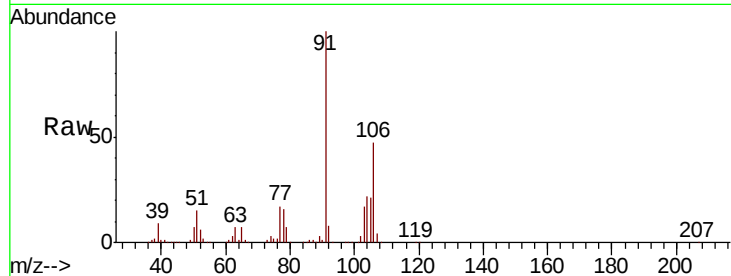




#69  
o-Xylene  
Concen: 20.077 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

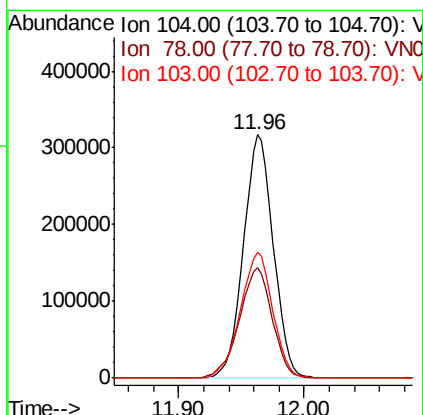
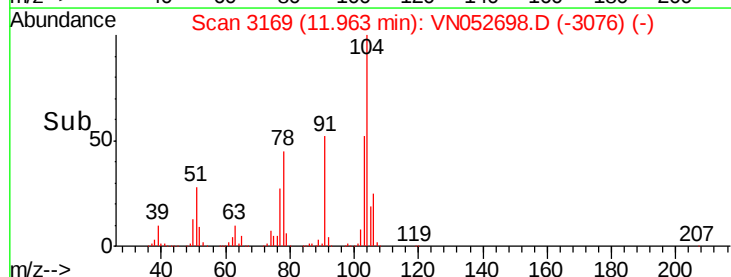
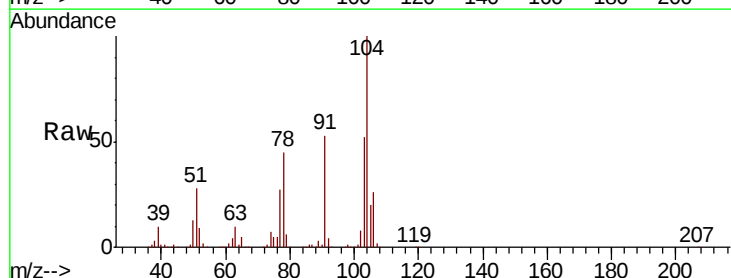
Instrument :  
MSVOA\_N  
ClientSampled :

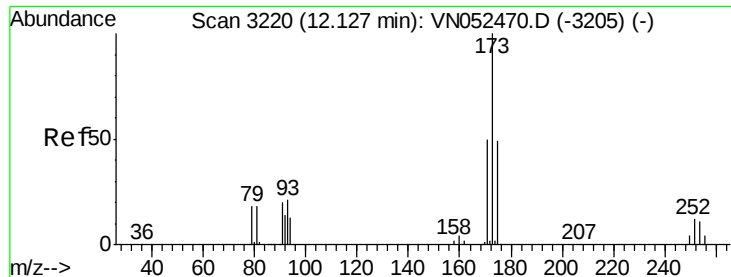
Tot Ion:106 Resp: 326651  
Ion Ratio Lower Upper  
106 100  
91 215.5 107.7 323.1



#70  
Styrene  
Concen: 20.292 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion:104 Resp: 525839  
Ion Ratio Lower Upper  
104 100  
78 49.7 39.4 59.2  
103 56.2 44.9 67.3

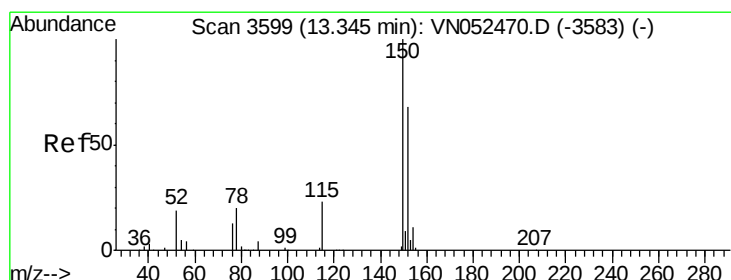
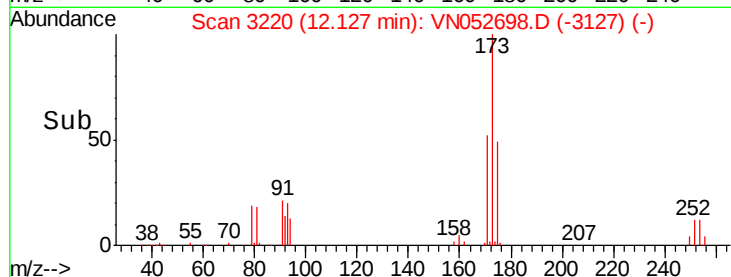
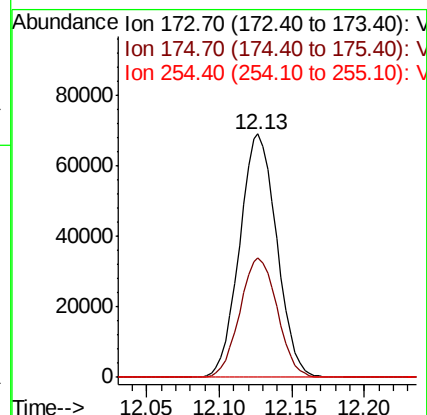
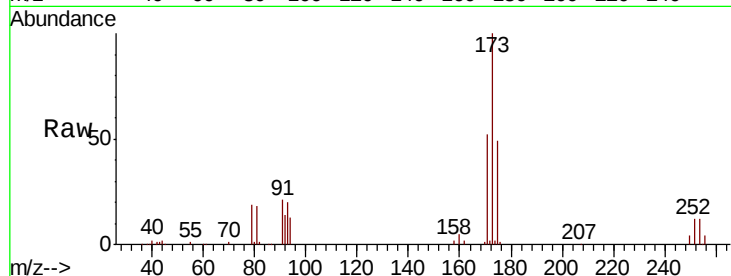




#71  
Bromoform  
Concen: 20.799 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

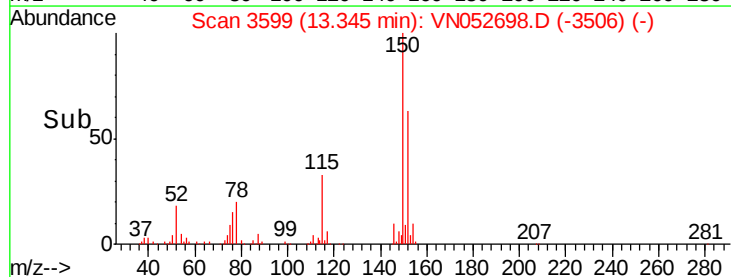
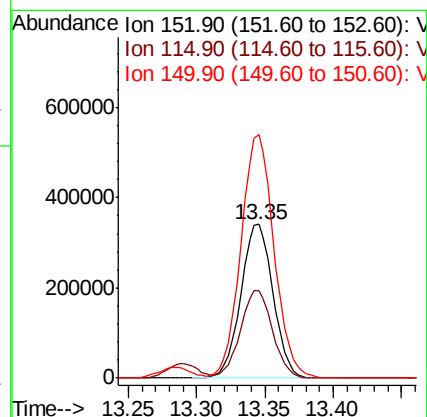
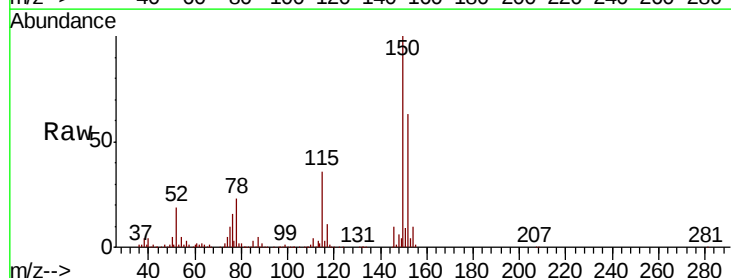
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:173 Resp: 123061  
Ion Ratio Lower Upper  
173 100  
175 49.3 24.4 73.2  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.35 min Scan# 3599  
Delta R.T. -0.00 min  
Lab File: VN052698.D  
Acq: 6 Dec 2018 14:33

Tgt Ion:152 Resp: 558001  
Ion Ratio Lower Upper  
152 100  
115 56.4 28.4 85.2  
150 162.6 0.0 346.0





#73

Isopropylbenzene

Concen: 19.939 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

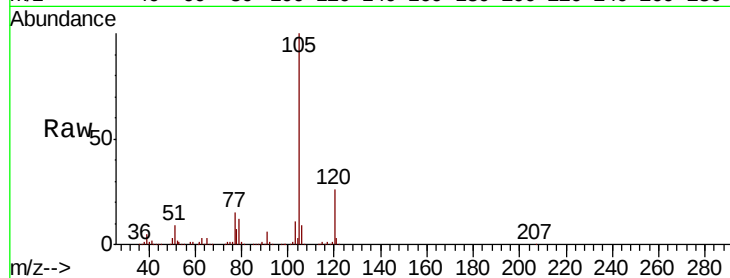
ClientSampled :

Tot Ion:105 Resp: 872909

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

600000

500000

400000

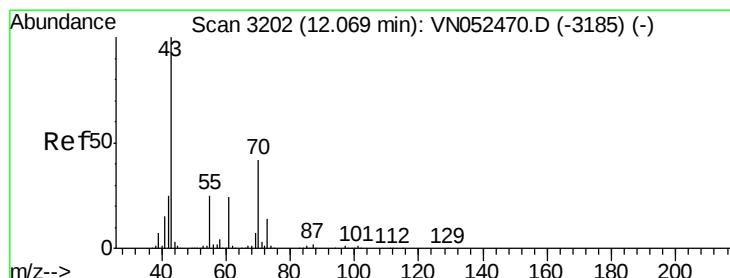
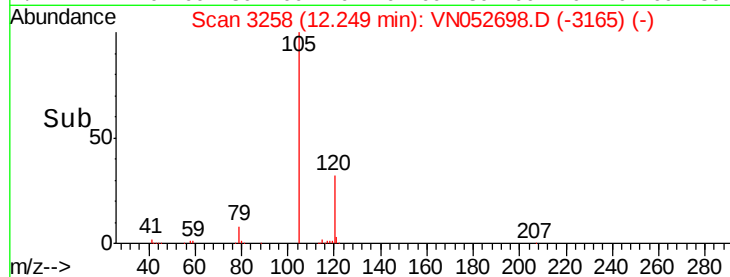
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 19.642 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Tgt Ion: 43 Resp: 217244

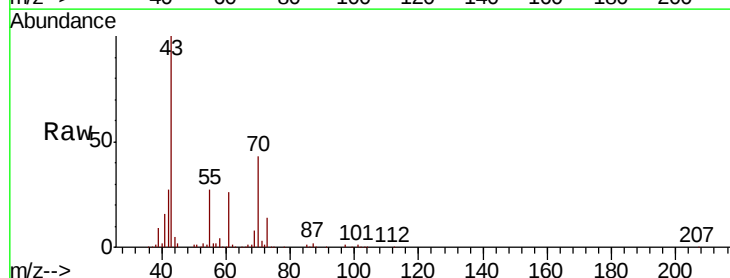
Ion Ratio Lower Upper

43 100

70 43.9 33.8 50.8

55 27.0 20.0 30.0

61 25.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

200000

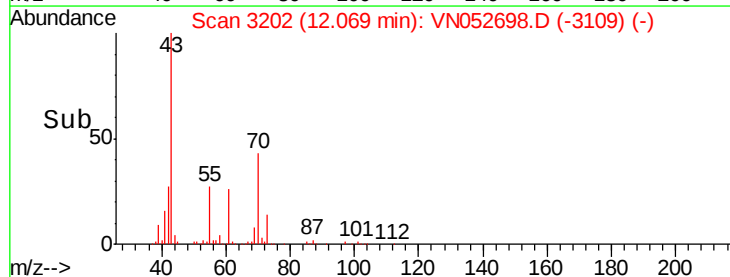
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.797 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

ClientSampleId :

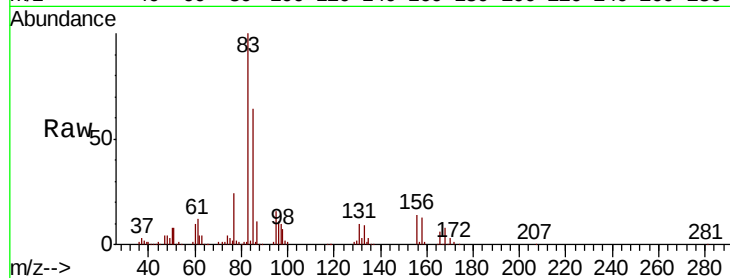
Tot Ion: 83 Resp: 197156

Ion Ratio Lower Upper

83 100

131 10.6 5.0 15.0

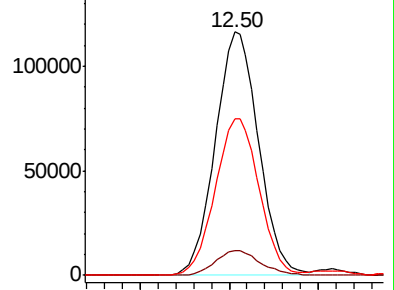
85 65.5 31.9 95.9



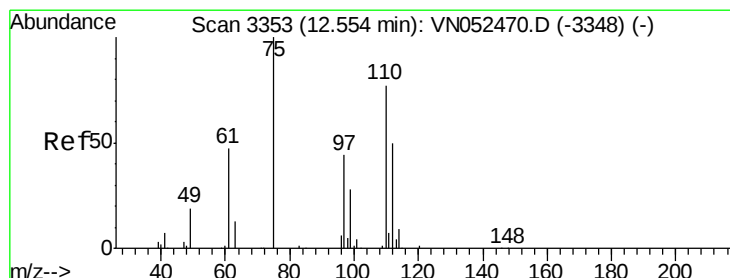
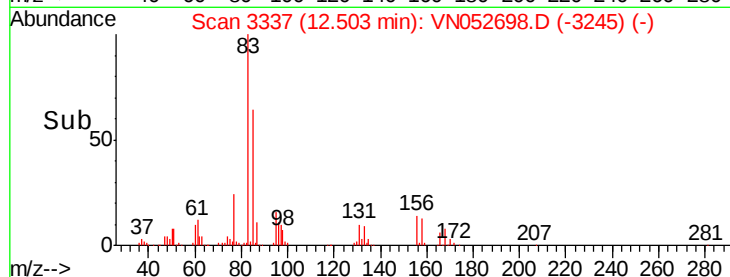
Abundance Ion 82.90 (82.60 to 83.60): VN052470.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN052470.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN052470.D (-3322) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 29.049 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052698.D

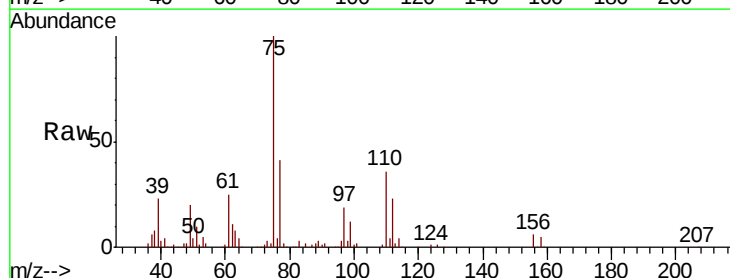
Acq: 6 Dec 2018 14:33

Tgt Ion: 75 Resp: 249954

Ion Ratio Lower Upper

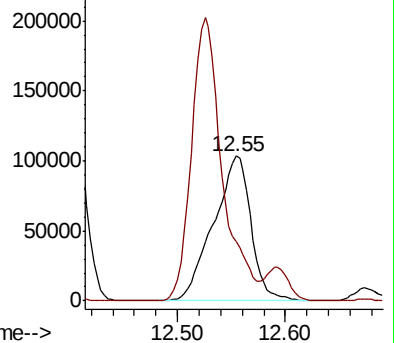
75 100

77 0.0 0.0 0.0

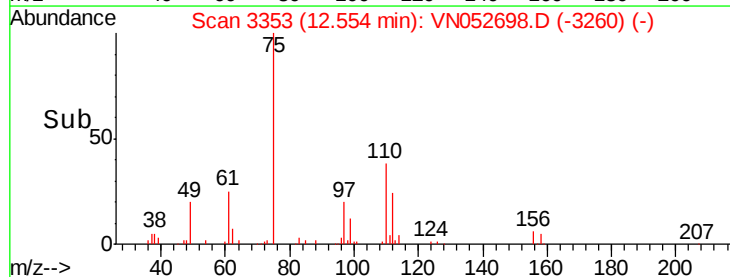


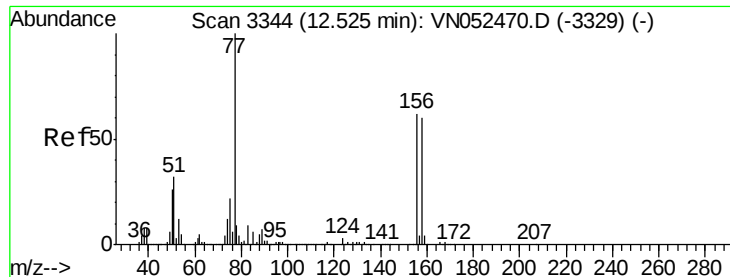
Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN052470.D (-3348) (-)



Time-->





#77

Bromobenzene

Concen: 20.248 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

ClientSampled :

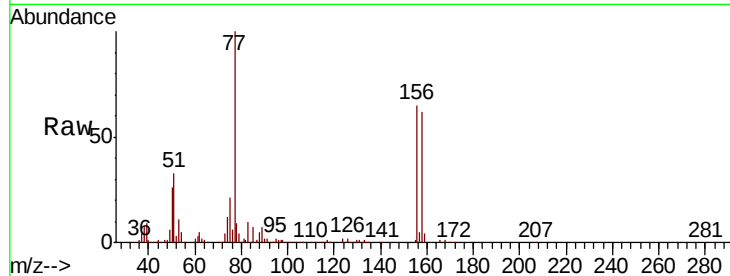
Tot Ion:156 Resp: 219102

Ion Ratio Lower Upper

156 100

77 183.4 93.5 280.4

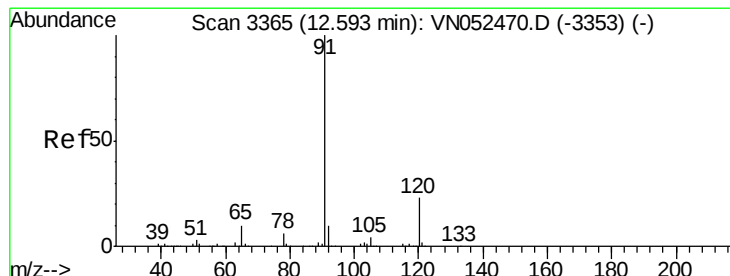
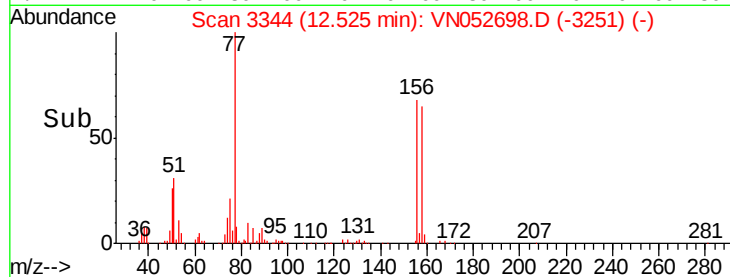
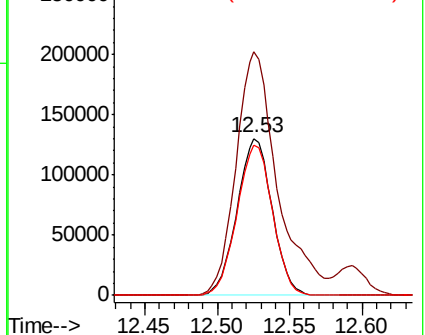
158 97.0 48.3 144.9



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: 19.628 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052698.D

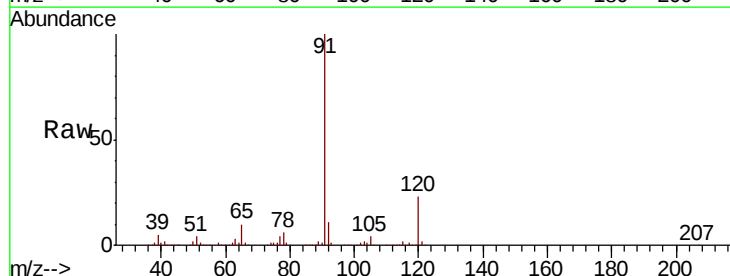
Acq: 6 Dec 2018 14:33

Tgt Ion: 91 Resp: 976195

Ion Ratio Lower Upper

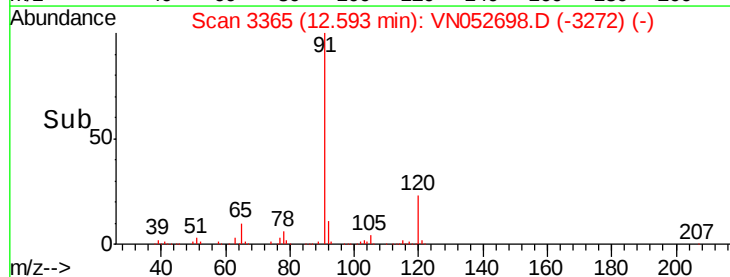
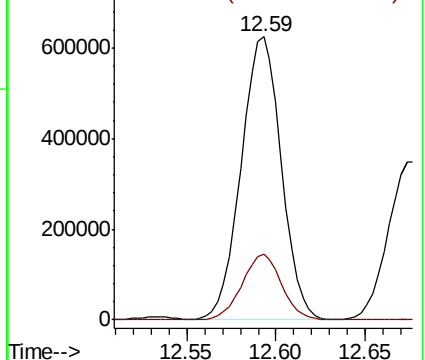
91 100

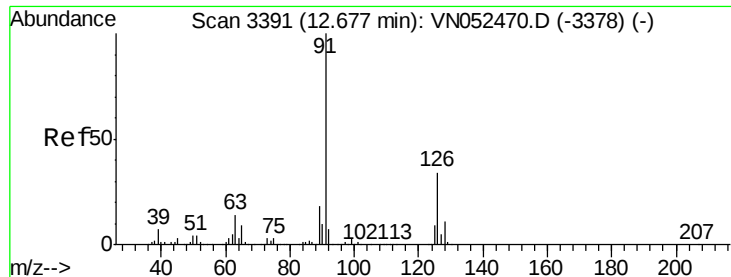
120 22.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.779 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

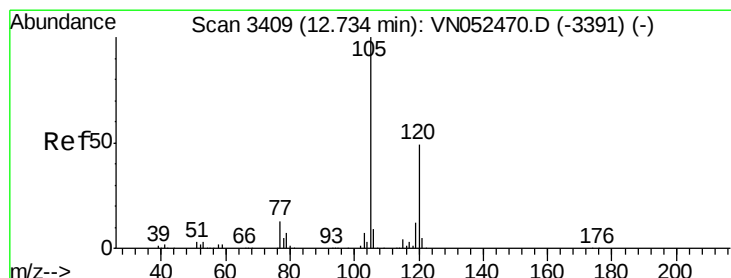
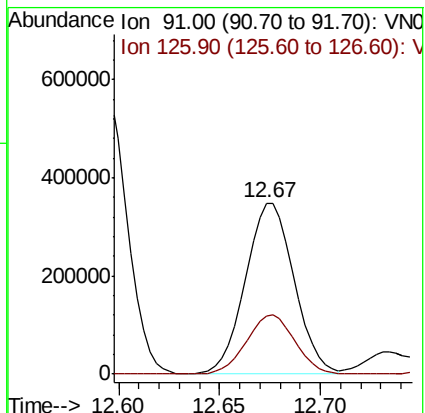
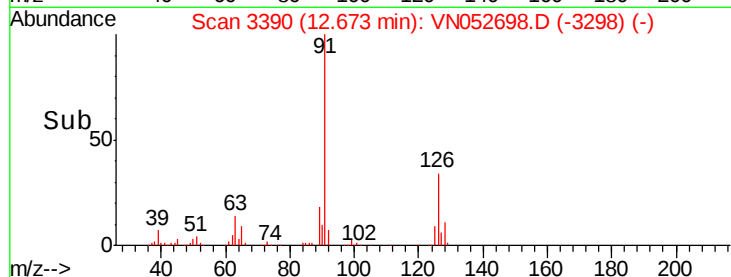
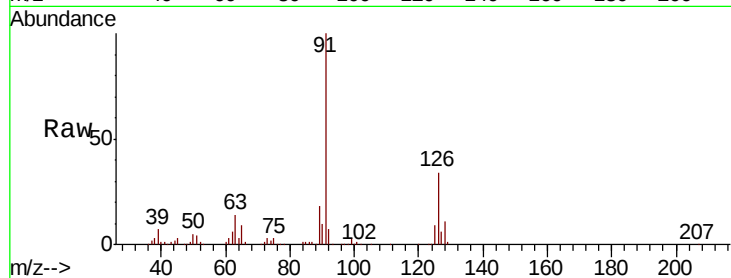
ClientSampled :

Tot Ion: 91 Resp: 585798

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 20.207 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052698.D

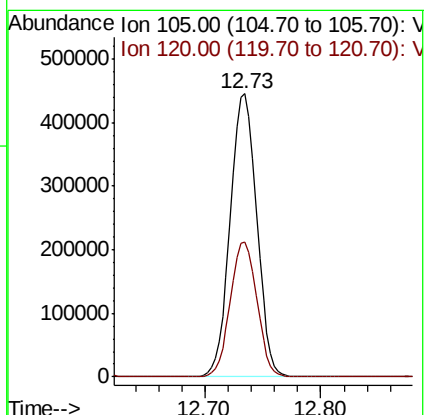
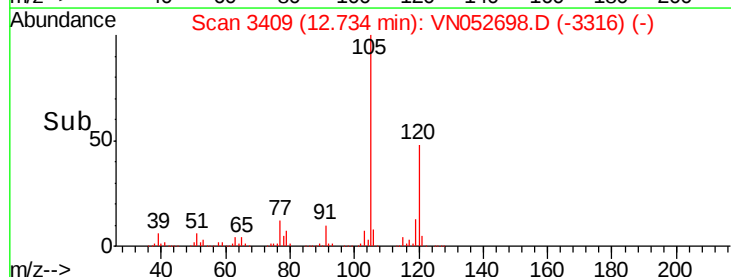
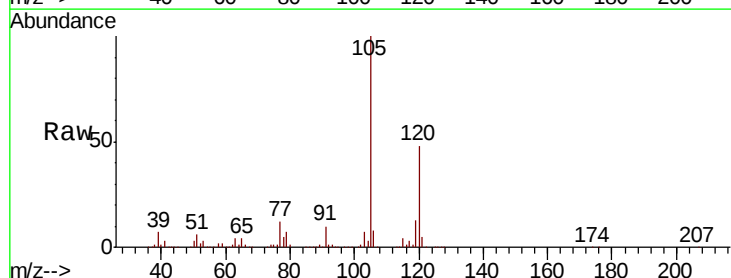
Acq: 6 Dec 2018 14:33

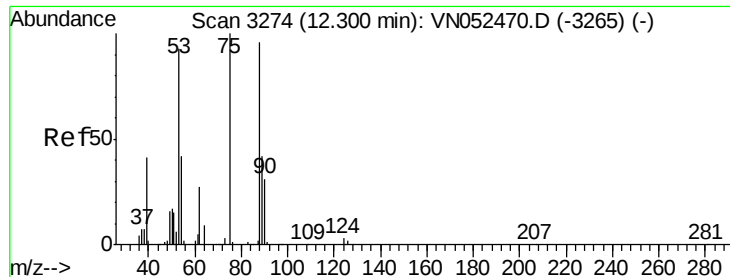
Tgt Ion:105 Resp: 705518

Ion Ratio Lower Upper

105 100

120 47.9 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.591 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

ClientSampled :

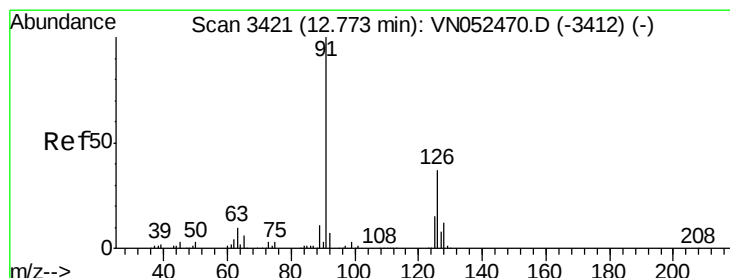
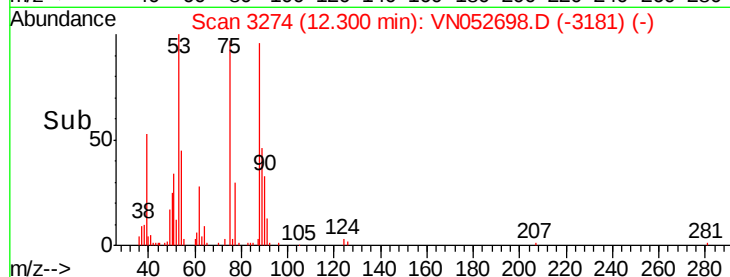
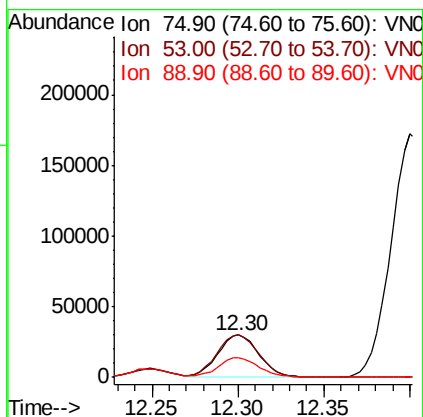
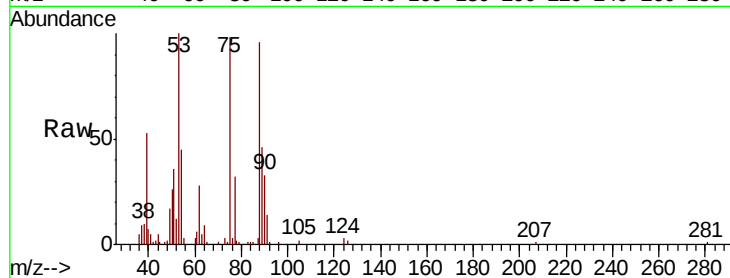
Tot Ion: 75 Resp: 50478

Ion Ratio Lower Upper

75 100

53 101.9 77.4 116.0

89 45.2 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.473 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052698.D

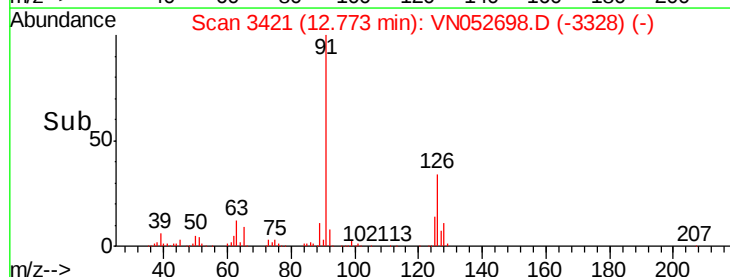
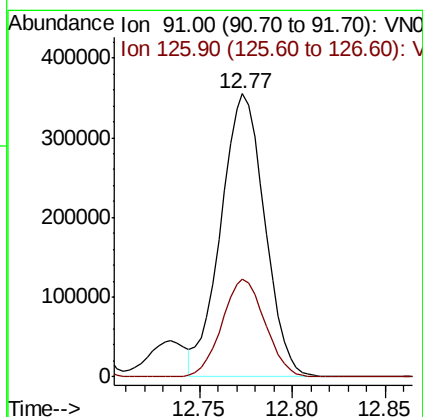
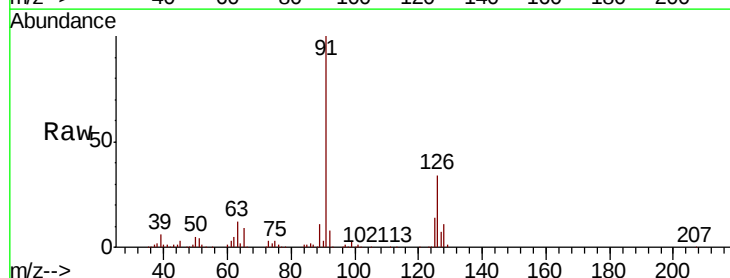
Acq: 6 Dec 2018 14:33

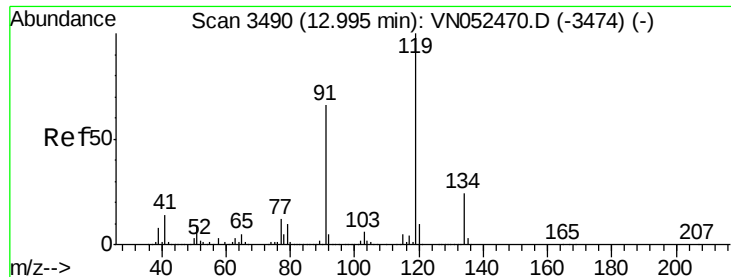
Tgt Ion: 91 Resp: 581265

Ion Ratio Lower Upper

91 100

126 34.1 16.9 50.6

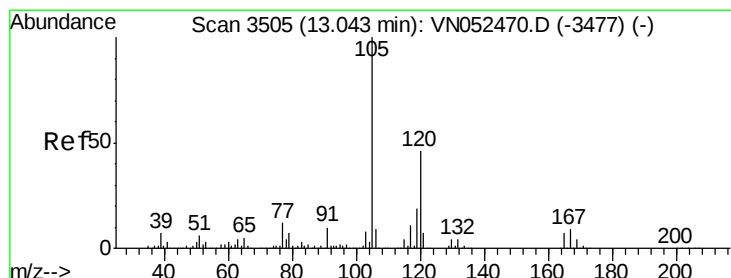
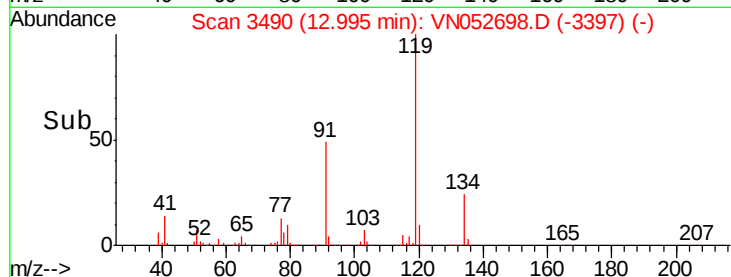
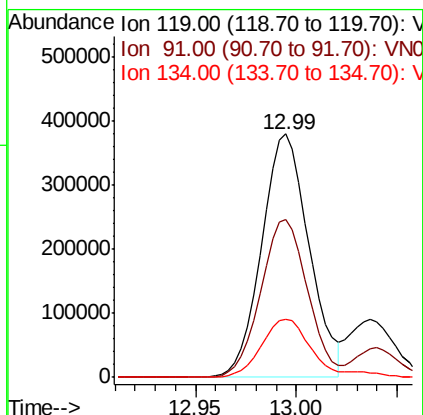
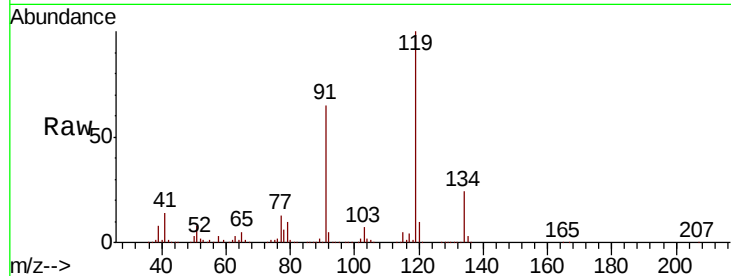




#83  
 tert-Butylbenzene  
 Concen: 19.979 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

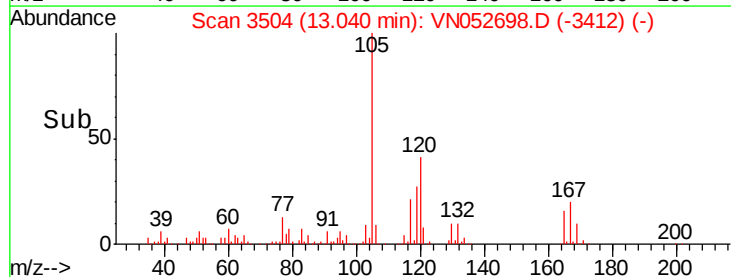
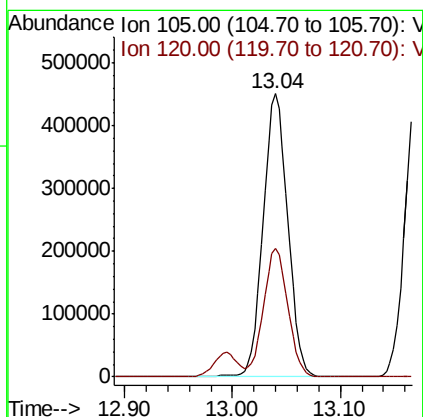
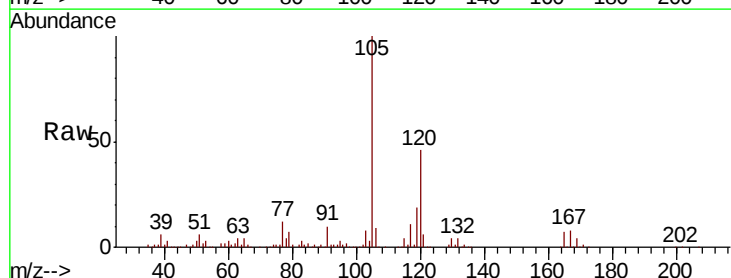
Instrument :  
 MSVOA\_N  
 ClientSampled :

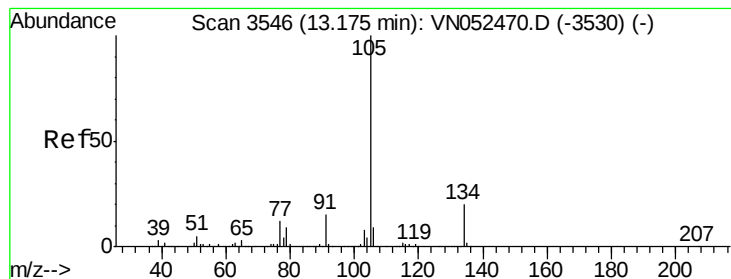
Tot Ion:119 Resp: 621876  
 Ion Ratio Lower Upper  
 119 100  
 91 63.9 32.3 96.9  
 134 25.9 13.0 38.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.390 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. -0.00 min  
 Lab File: VN052698.D  
 Acq: 6 Dec 2018 14:33

Tgt Ion:105 Resp: 713450  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.895 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

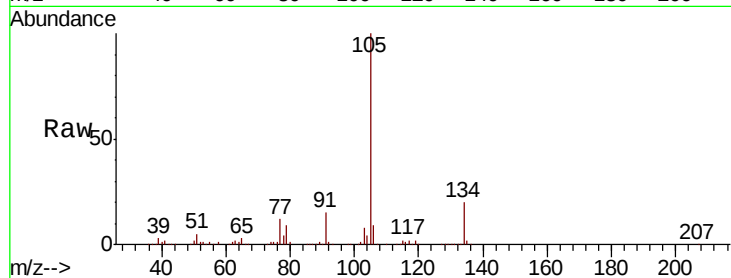
ClientSampleId :

Tot Ion:105 Resp: 843455

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

600000

500000

400000

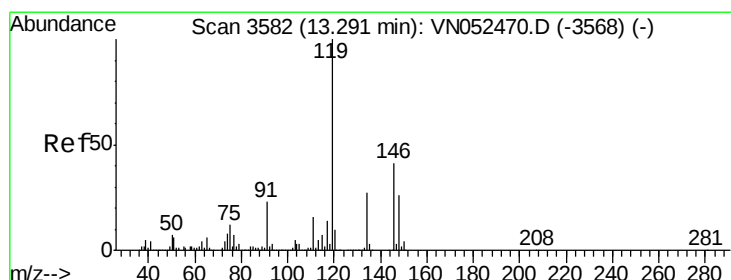
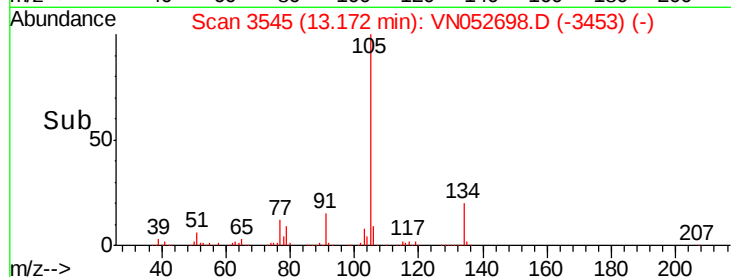
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.656 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

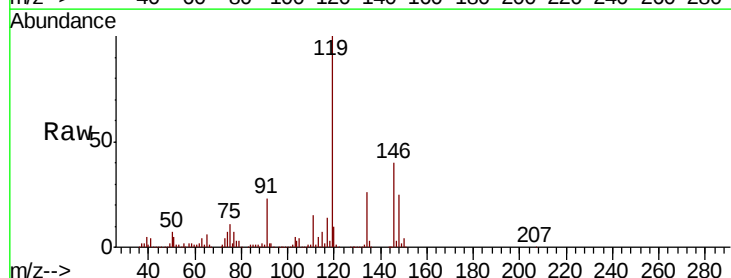
Tgt Ion:119 Resp: 709785

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.9 11.4 34.2



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

600000

500000

400000

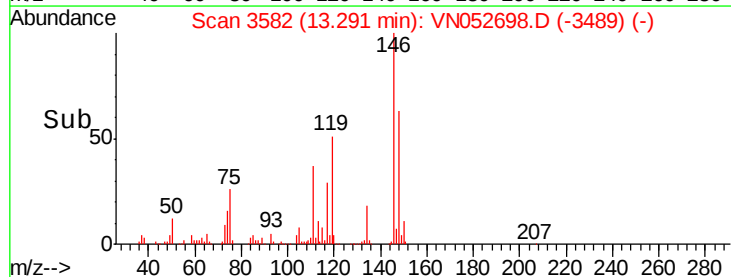
300000

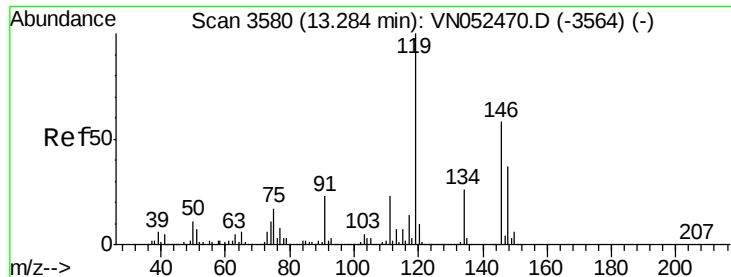
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.729 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

ClientSampleId :

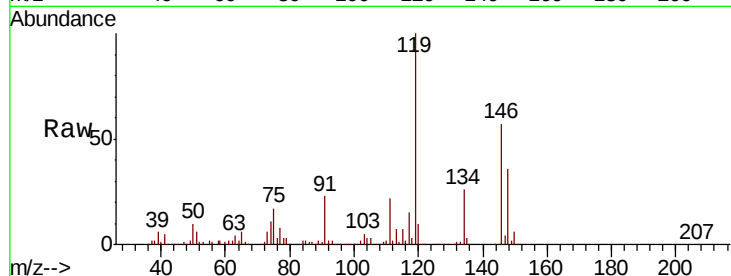
Tot Ion:146 Resp: 373426

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.4

148 63.8 31.8 95.4

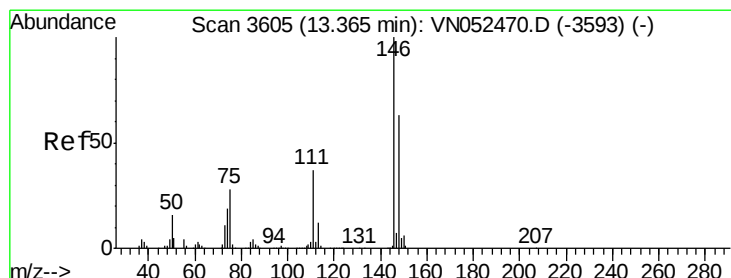
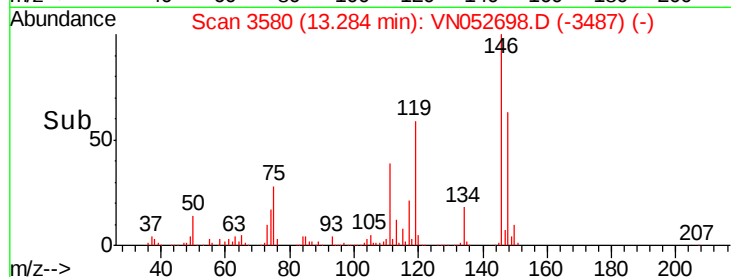
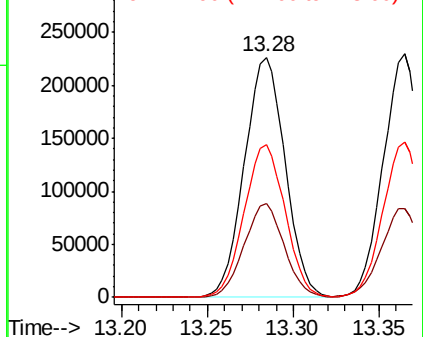


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.587 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

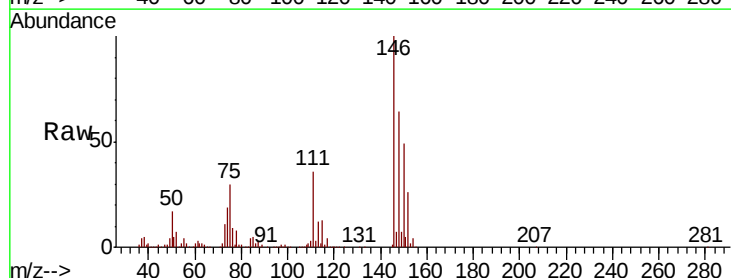
Tgt Ion:146 Resp: 365184

Ion Ratio Lower Upper

146 100

111 38.3 18.6 56.0

148 65.0 31.9 95.9

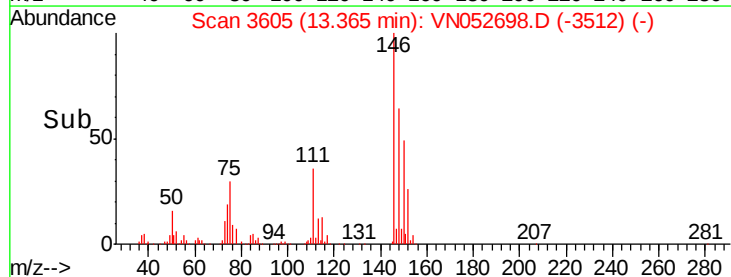
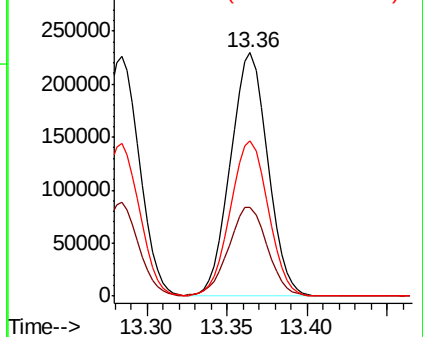


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.990 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

ClientSampled :

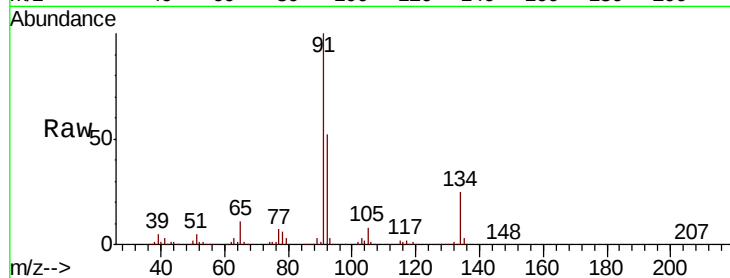
Tot Ion: 91 Resp: 570283

Ion Ratio Lower Upper

91 100

92 51.5 26.1 78.3

134 25.6 13.0 38.9

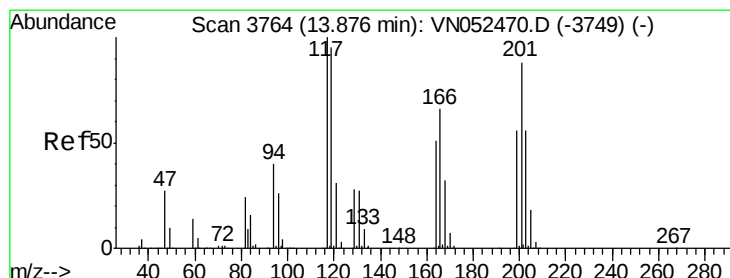
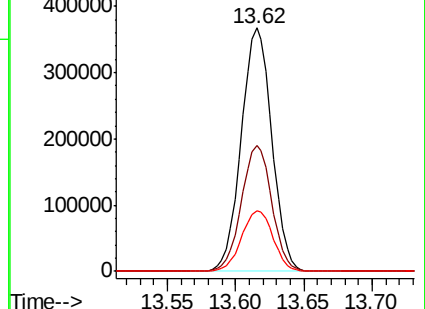
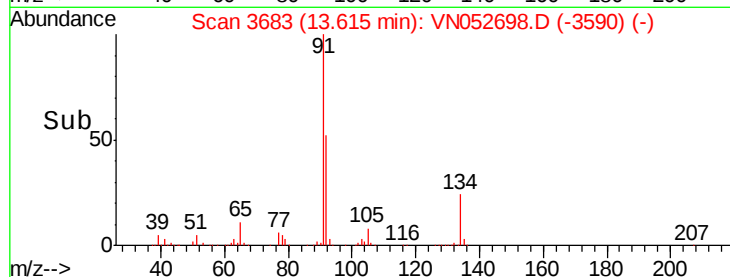


Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052470.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052470.D (-3667) (-)

13.62



#90

Hexachloroethane

Concen: 19.634 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN052698.D

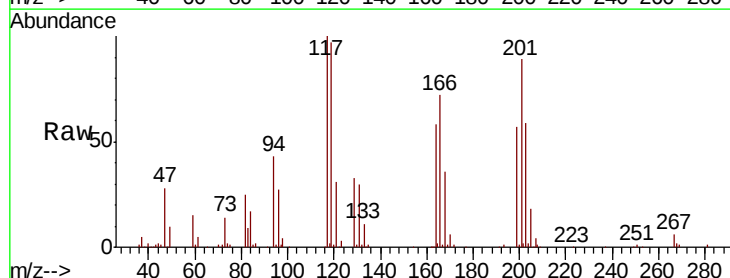
Acq: 6 Dec 2018 14:33

Tgt Ion: 117 Resp: 120044

Ion Ratio Lower Upper

117 100

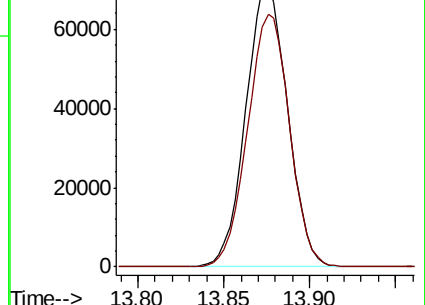
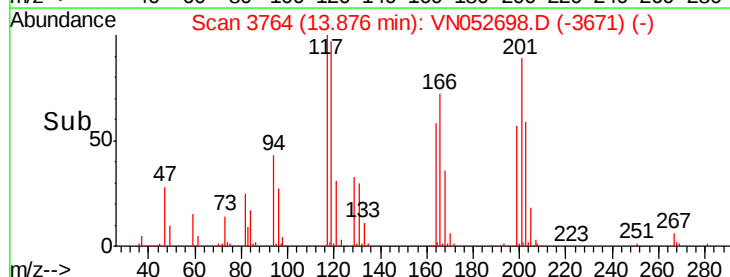
201 90.0 43.6 130.9

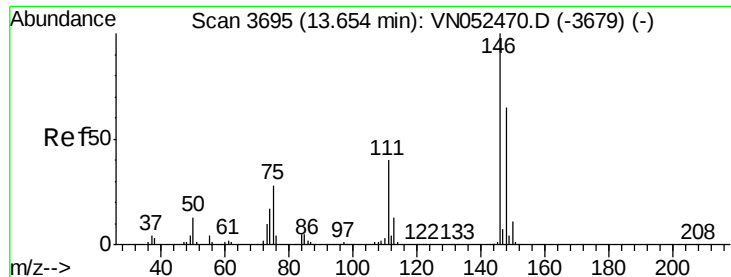


Abundance Ion 116.80 (116.50 to 117.50): VN052470.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052470.D (-3749) (-)

13.88





#91

1,2-Dichlorobenzene

Concen: 20.437 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

ClientSampleId :

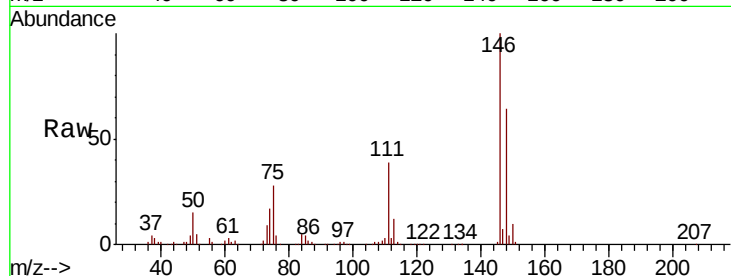
Tot Ion:146 Resp: 369575

Ion Ratio Lower Upper

146 100

111 39.4 20.0 60.0

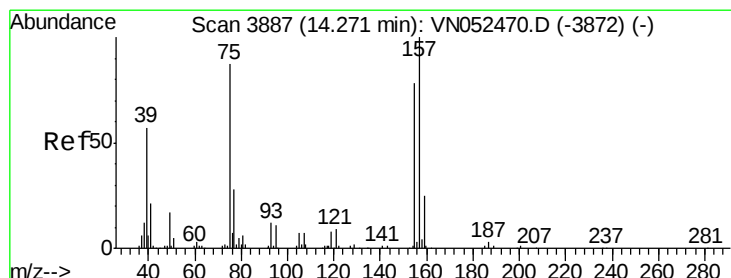
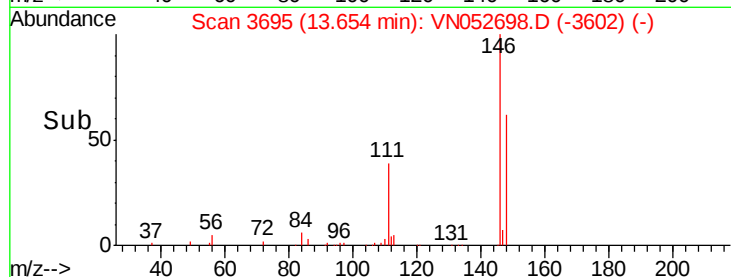
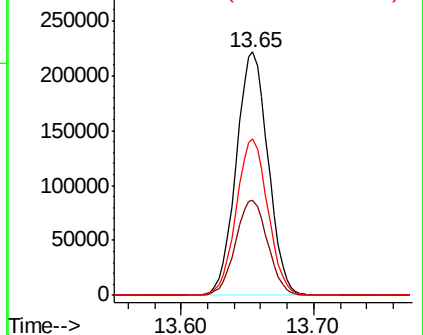
148 63.8 32.0 96.2



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: 20.665 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

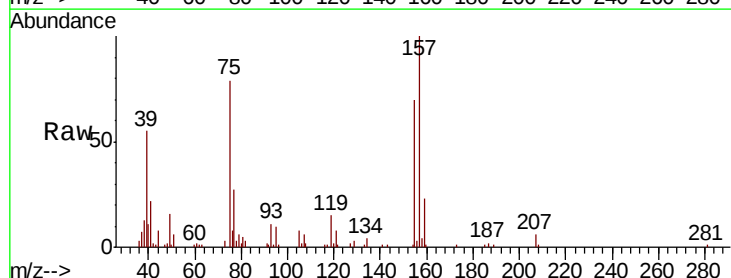
Tgt Ion: 75 Resp: 29433

Ion Ratio Lower Upper

75 100

155 87.8 45.3 135.9

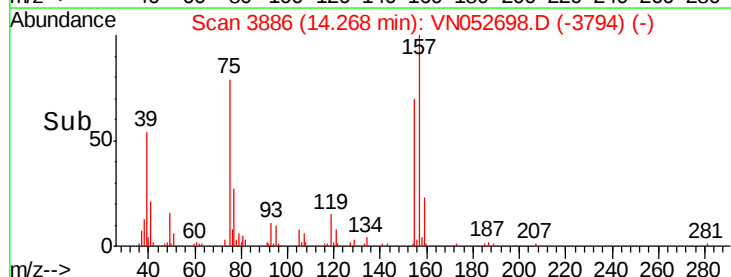
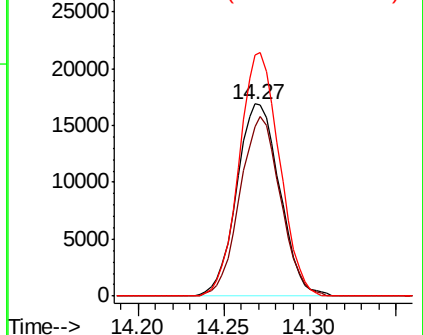
157 118.8 58.1 174.2

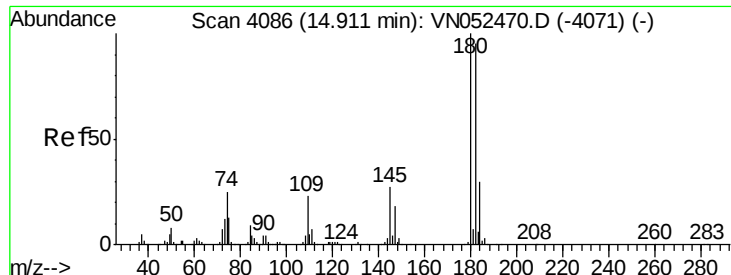


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.877 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

ClientSampled :

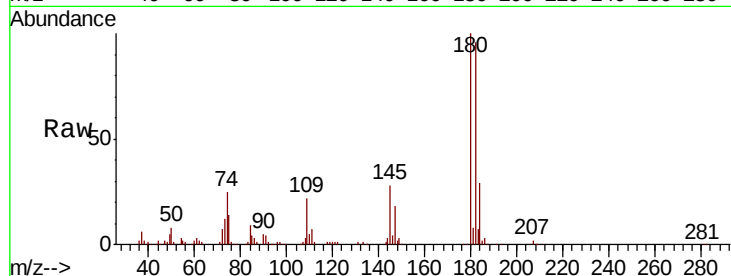
Tot Ion:180 Resp: 168505

Ion Ratio Lower Upper

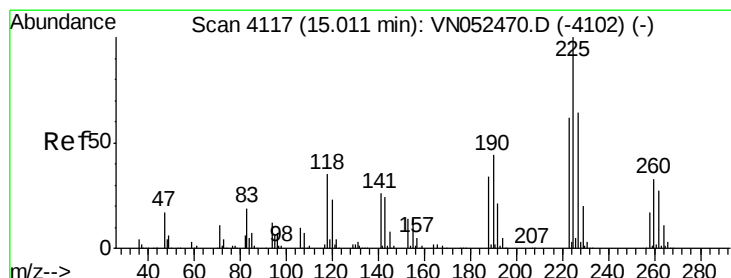
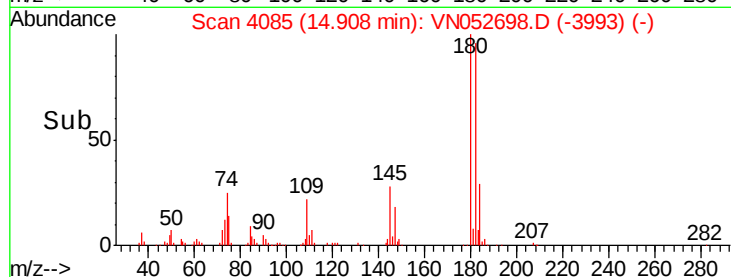
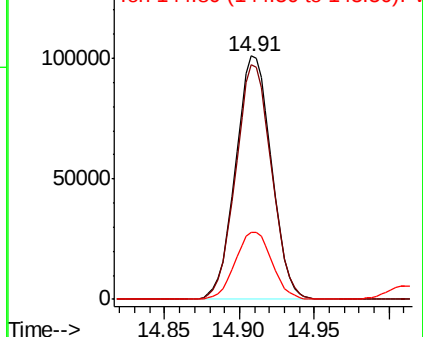
180 100

182 95.9 47.8 143.4

145 28.2 14.1 42.3



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



#94

Hexachlorobutadiene

Concen: 19.528 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

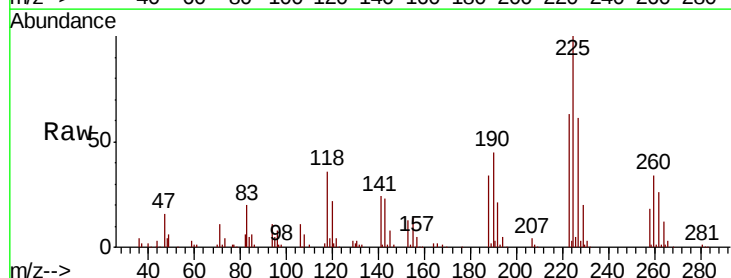
Tgt Ion:225 Resp: 113606

Ion Ratio Lower Upper

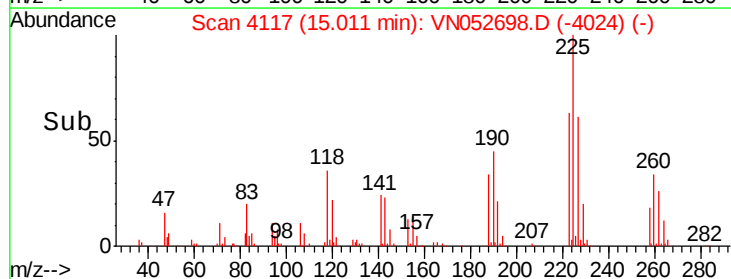
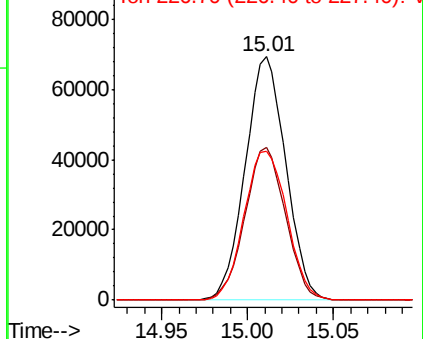
225 100

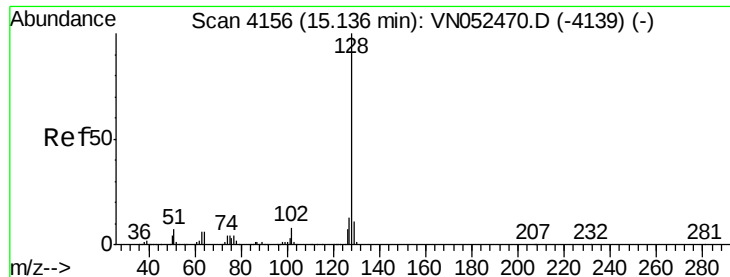
223 62.6 31.4 94.2

227 64.5 32.5 97.4



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





#95

Naphthalene

Concen: 18.783 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

Instrument :

MSVOA\_N

ClientSampled :

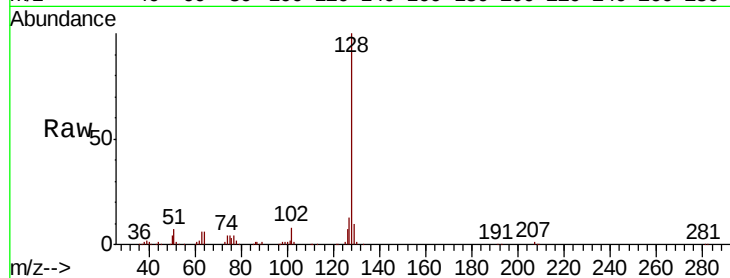
Tot Ion:128 Resp: 346326

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

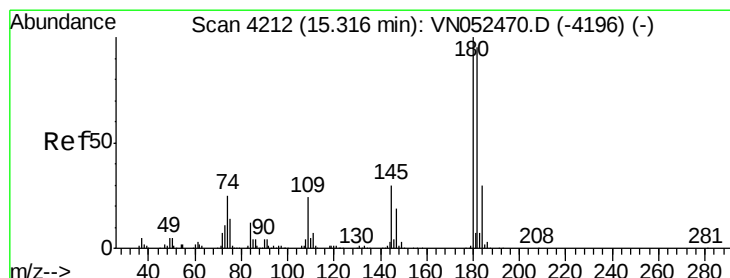
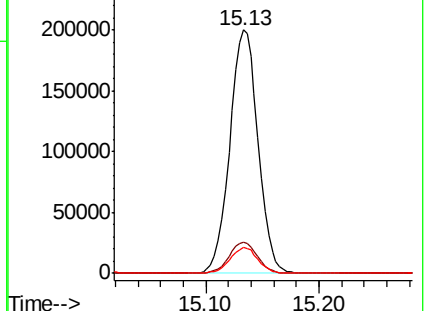
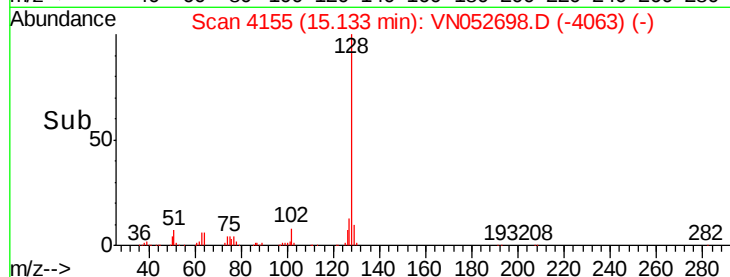
129 10.5 8.7 13.1



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: 19.755 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN052698.D

Acq: 6 Dec 2018 14:33

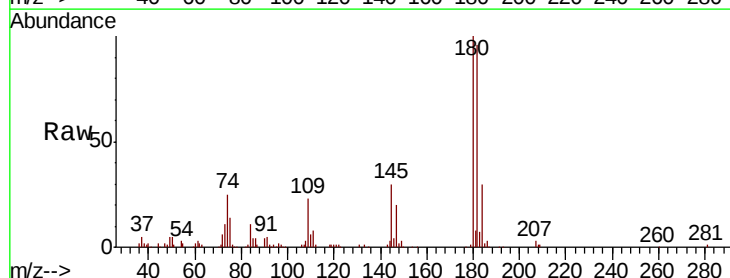
Tgt Ion:180 Resp: 164044

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.3

145 29.7 15.2 45.5



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

