

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\  
 Data File : VN052784.D  
 Acq On : 11 Dec 2018 6:18  
 Operator : MD\SY  
 Sample : J6316-08  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 48 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BORING-SAMPLE-CBH-591

Quant Time: Dec 11 07:30:21 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  | 1192698  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1849690  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1614096  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 634279   | 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   | 626008   | 48.21 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.42%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 535790   | 46.99 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.98%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 2234732  | 50.35 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.70% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 704595   | 47.24 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.48%  |          |

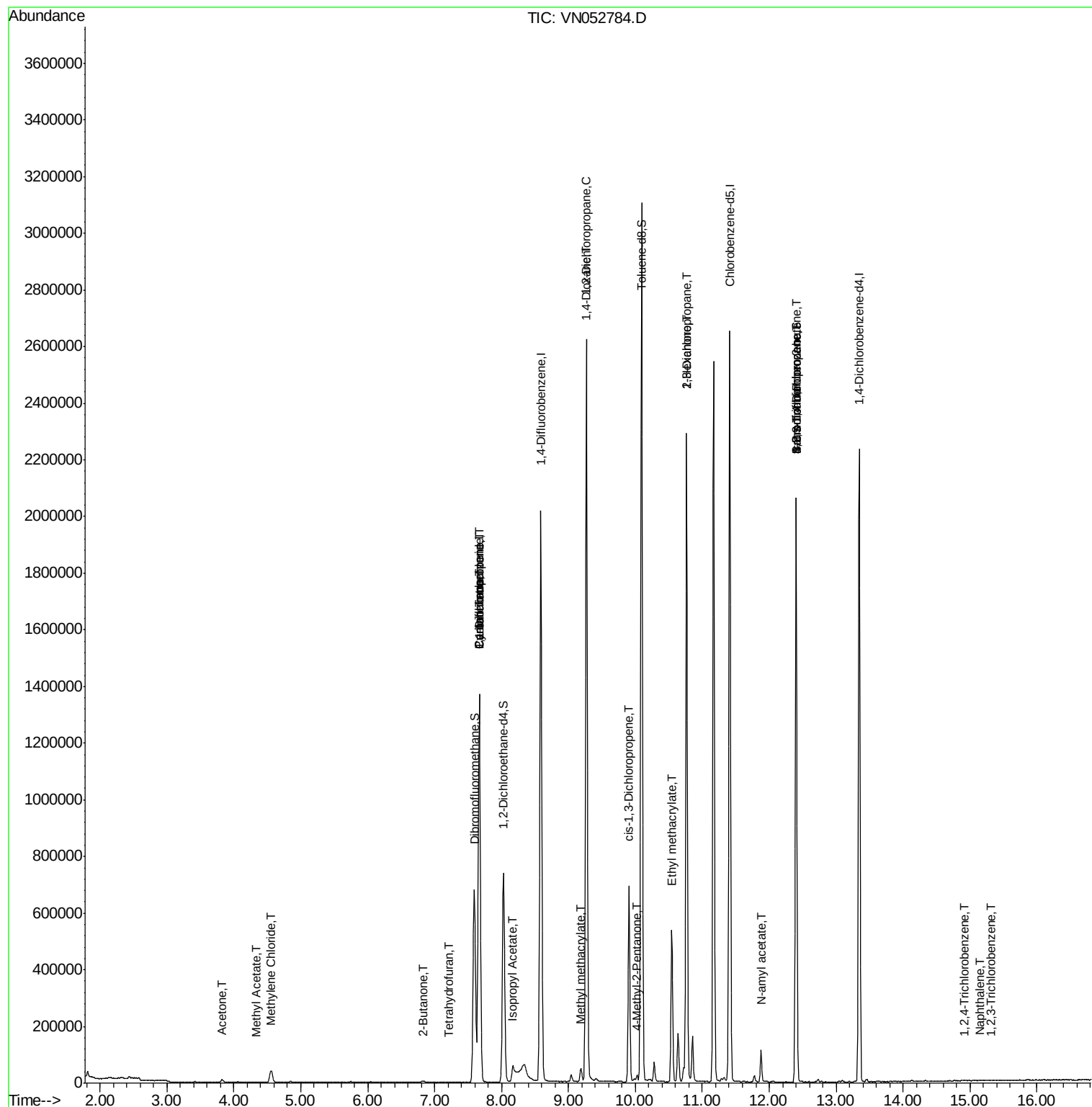
| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 16) Acetone                    | 3.82  | 43   | 18345    | 5.356   | ug/l   | 97     |
| 18) Methyl Acetate             | 4.33  | 43   | 4976     | 0.506   | ug/l # | 83     |
| 20) Methylene Chloride         | 4.56  | 84   | 33216    | 2.478   | ug/l   | 96     |
| 25) 2-Butanone                 | 6.84  | 43   | 983      | 0.202   | ug/l   | 90     |
| 29) Tetrahydrofuran            | 7.22  | 42   | 1769     | 0.565   | ug/l # | 47     |
| 31) Cyclohexane                | 7.66  | 56   | 20651    | 0.563   | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 82091    | 4.700   | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 104489   | 6.608   | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 79087    | 4.384   | ug/l # | 74     |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 3624     | 0.262   | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.18  | 41   | 17383    | 1.848   | ug/l # | 13     |
| 49) 1,4-Dioxane                | 9.26  | 88   | 152      | 1.557   | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 10.02 | 43   | 17326    | 1.712   | ug/l # | 36     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 130830   | 6.813   | ug/l # | 61     |
| 56) Ethyl methacrylate         | 10.54 | 69   | 1600     | 2.793   | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 24403    | 1.270   | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.76 | 43   | 321846   | 47.377  | ug/l # | 51     |
| 71) Bromoform                  | 12.40 | 173  | 4292     | 0.560   | ug/l # | 1      |
| 74) N-amyl acetate             | 11.88 | 43   | 33903    | 2.697   | ug/l # | 52     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 337680   | 34.524  | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 337680   | 115.295 | ug/l # | 11     |
| 93) 1,2,4-Trichlorobenzene     | 14.90 | 180  | 224      | 2.848   | ug/l # | 1      |
| 95) Naphthalene                | 15.14 | 128  | 1351     | 3.481   | ug/l # | 72     |
| 96) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 393      | 2.763   | ug/l # | 12     |

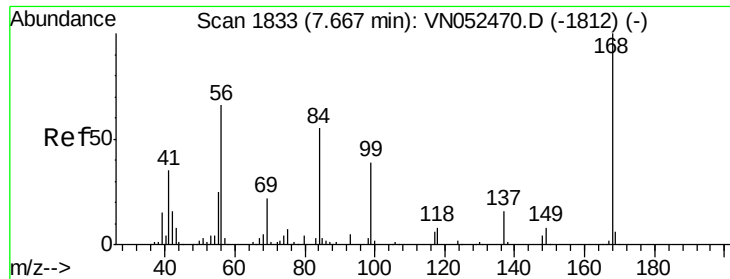
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121018\  
Data File : VN052784.D  
Acq On : 11 Dec 2018 6:18  
Operator : MD\SY  
Sample : J6316-08  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 48 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
BORING-SAMPLE-CBH-591

Quant Time: Dec 11 07:30:21 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N112718W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 03 03:24:02 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

Instrument :

MSVOA\_N

ClientSampleId :

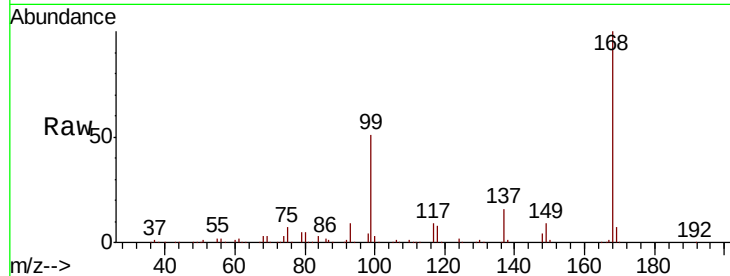
BORING-SAMPLE-CBH-591

Tot Ion:168 Resp: 1192698

Ion Ratio Lower Upper

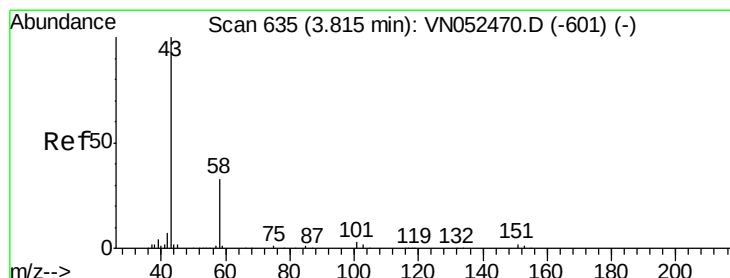
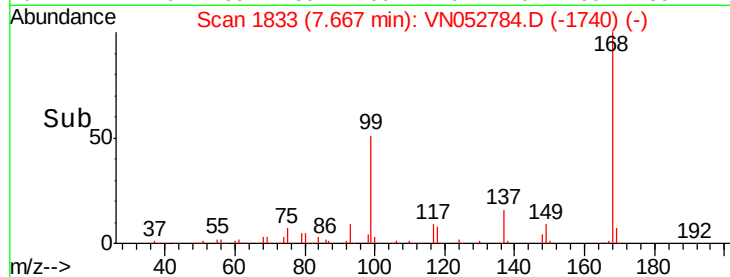
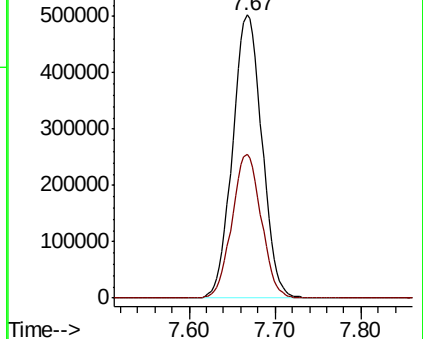
168 100

99 50.9 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.356 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052784.D

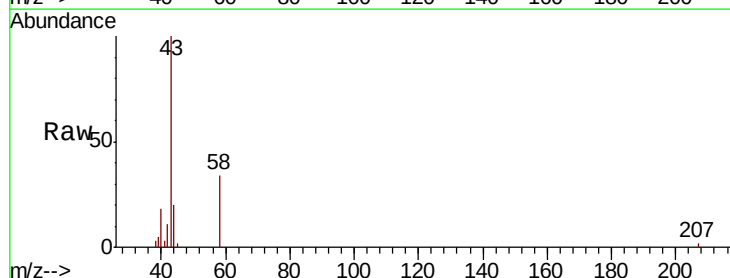
Acq: 11 Dec 2018 6:18

Tgt Ion: 43 Resp: 18345

Ion Ratio Lower Upper

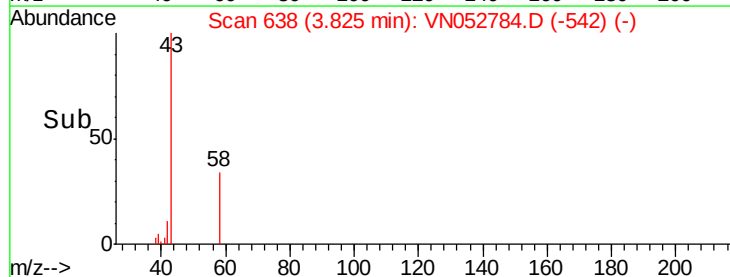
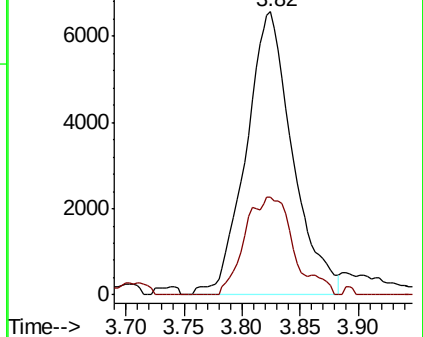
43 100

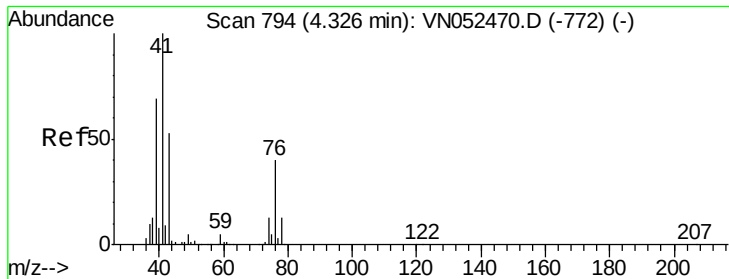
58 34.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

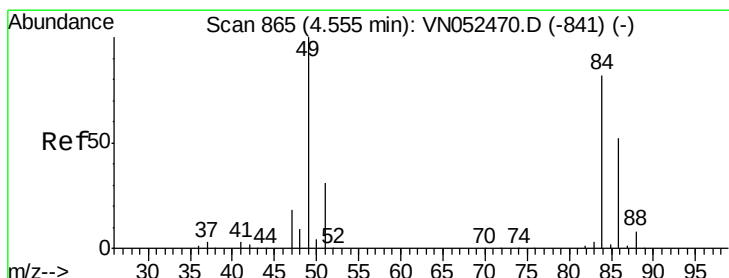
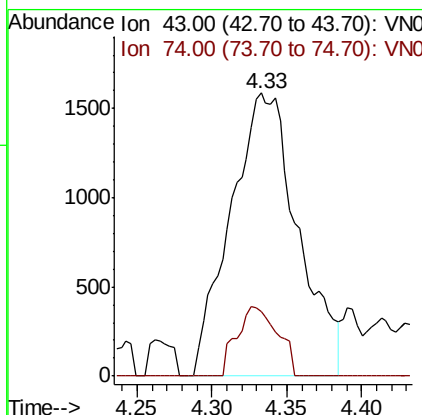
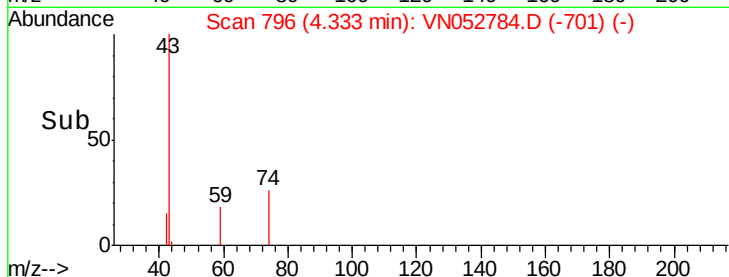
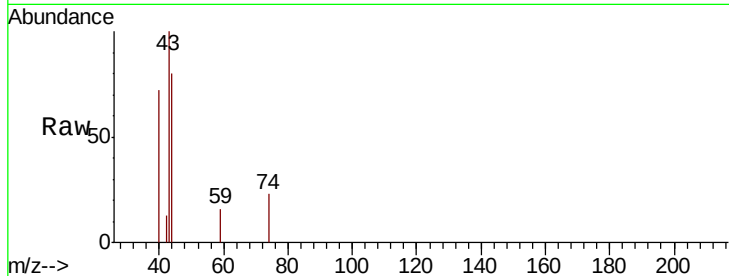




#18  
Methvl Acetate  
Concen: 0.506 ug/l  
RT: 4.33 min Scan# 796  
Delta R.T. 0.01 min  
Lab File: VN052784.D  
Acq: 11 Dec 2018 6:18

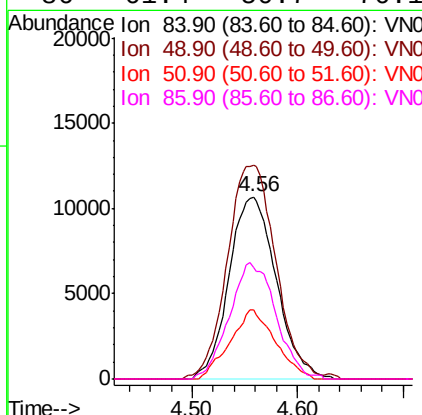
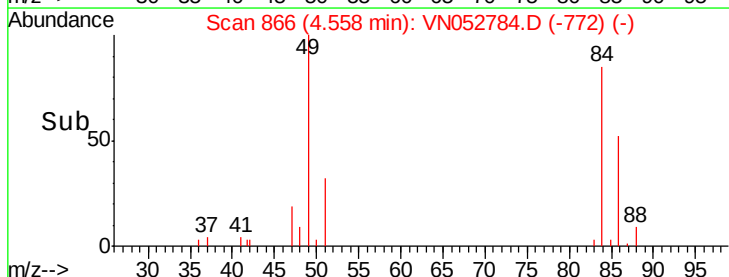
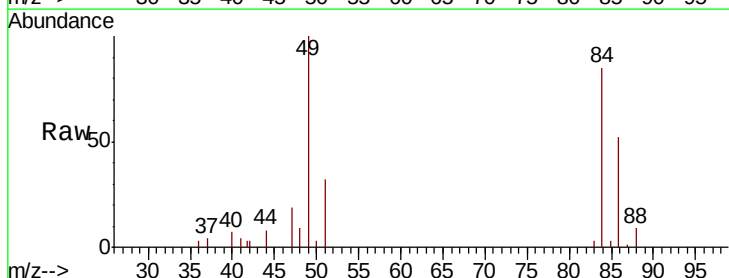
Instrument :  
MSVOA\_N  
ClientSampleId :  
BORING-SAMPLE-CBH-591

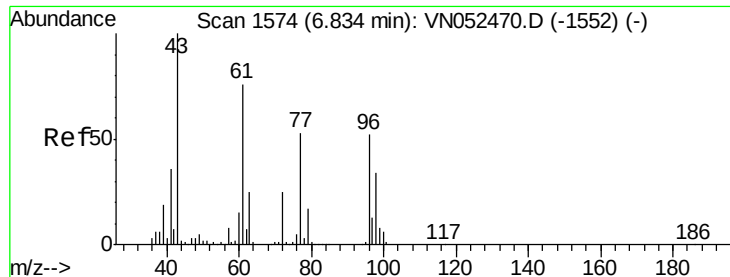
Tot Ion: 43 Resp: 4976  
Ion Ratio Lower Upper  
43 100  
74 14.9 18.6 27.8#



#20  
Methylene Chloride  
Concen: 2.478 ug/l  
RT: 4.56 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: VN052784.D  
Acq: 11 Dec 2018 6:18

Tgt Ion: 84 Resp: 33216  
Ion Ratio Lower Upper  
84 100  
49 116.0 98.0 147.0  
51 37.9 30.1 45.1  
86 61.4 50.7 76.1





#25

2-Butanone

Concen: 0.202 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

Instrument :

MSVOA\_N

ClientSampleId :

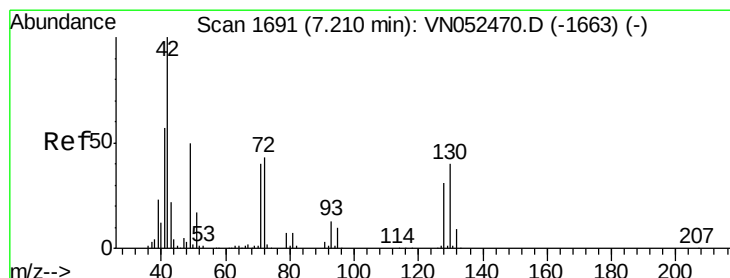
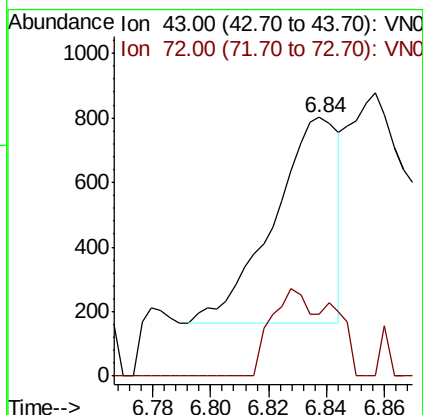
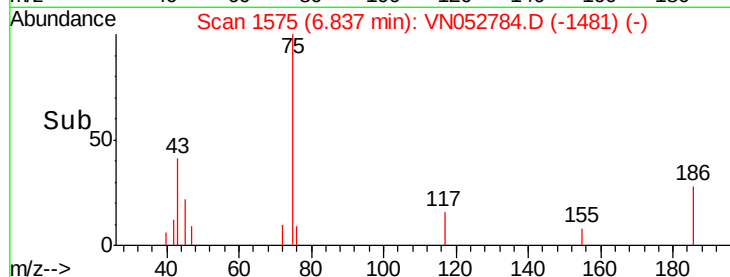
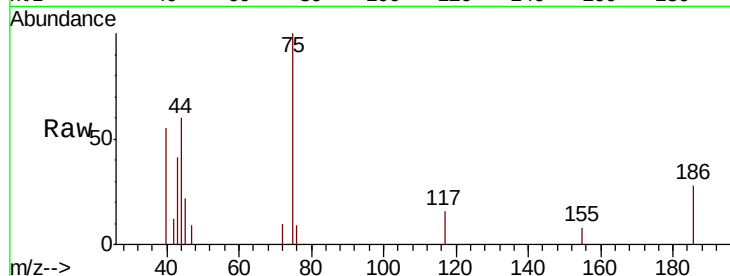
BORING-SAMPLE-CBH-591

Tot Ion: 43 Resp: 983

Ion Ratio Lower Upper

43 100

72 30.0 20.1 30.1



#29

Tetrahydrofuran

Concen: 0.565 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

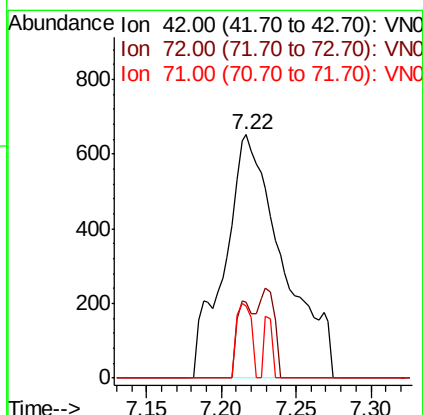
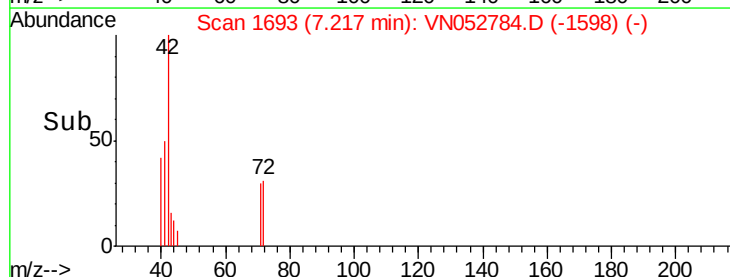
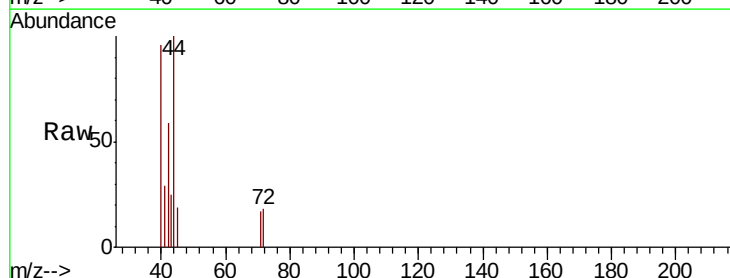
Tgt Ion: 42 Resp: 1769

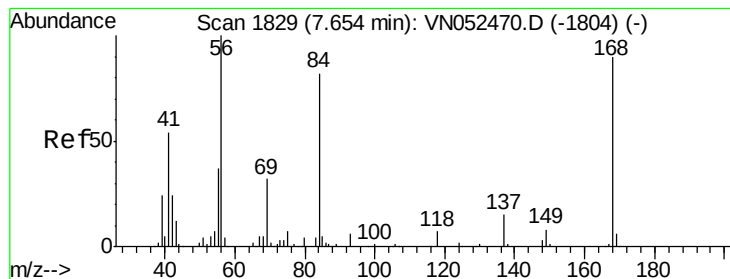
Ion Ratio Lower Upper

42 100

72 8.1 33.3 49.9#

71 7.9 32.0 48.0#





#31

Cyclohexane

Concen: 0.563 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

Instrument :

MSVOA\_N

ClientSampleId :

BORING-SAMPLE-CBH-591

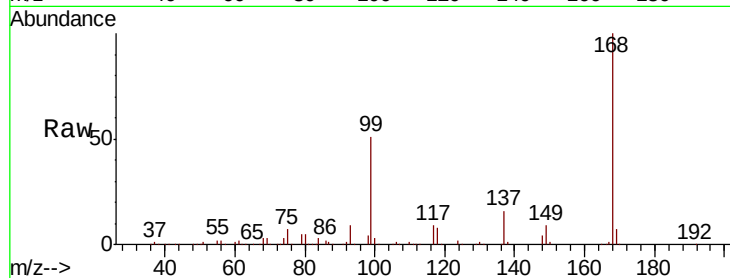
Tot Ion: 56 Resp: 20651

Ion Ratio Lower Upper

56 100

69 187.3 25.8 38.6#

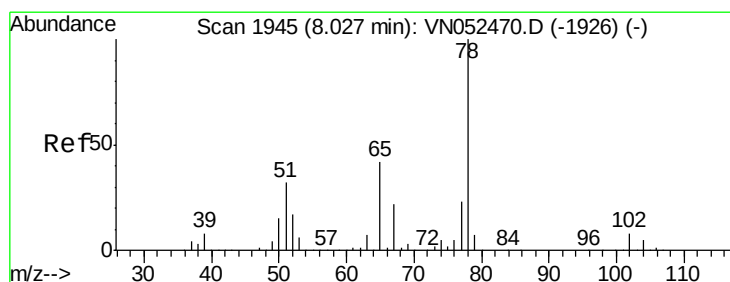
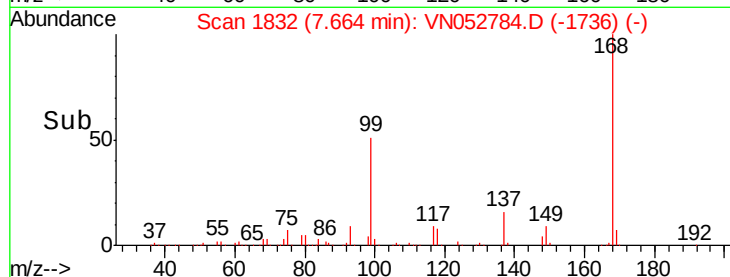
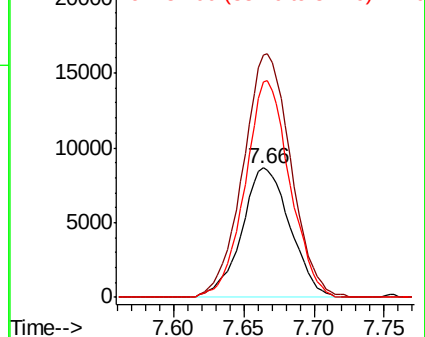
84 166.6 65.3 97.9#



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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052784.D

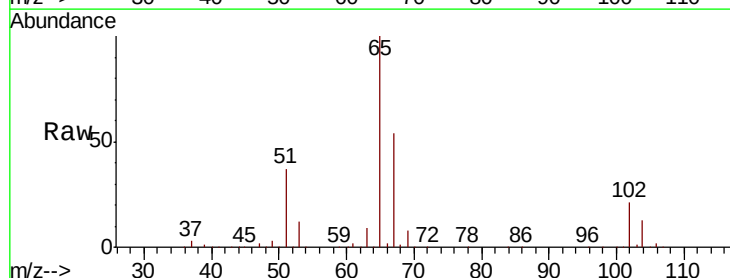
Acq: 11 Dec 2018 6:18

Tgt Ion: 65 Resp: 626008

Ion Ratio Lower Upper

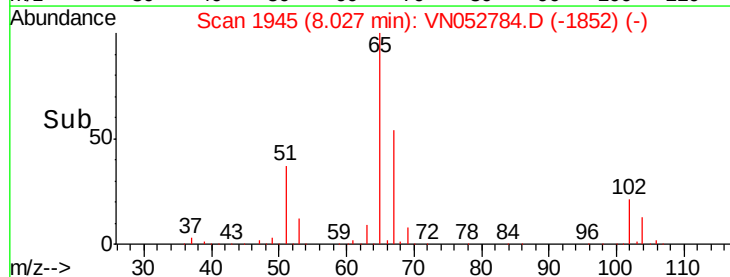
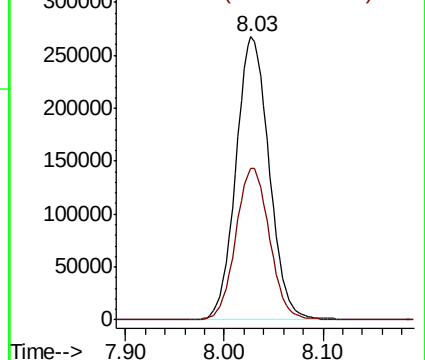
65 100

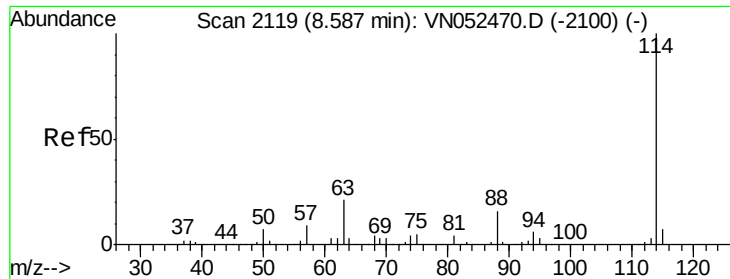
67 54.4 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

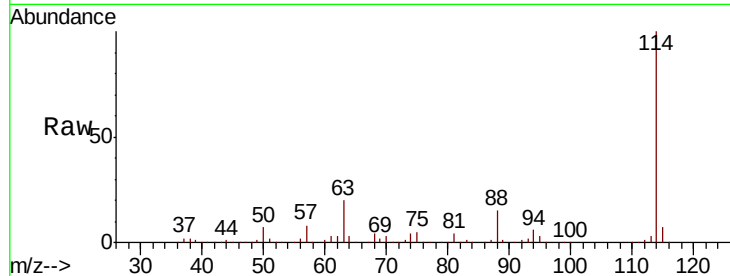




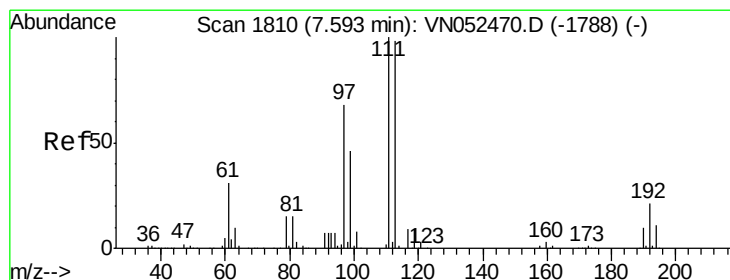
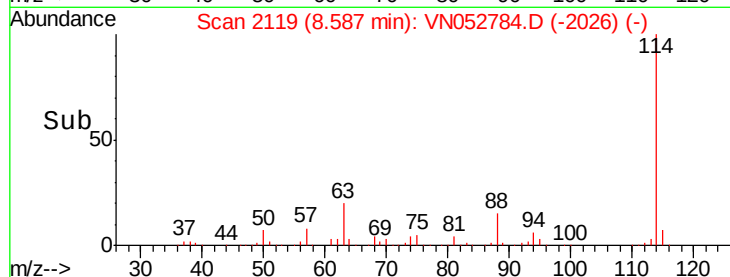
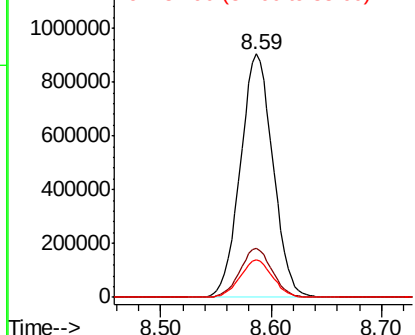
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN052784.D  
 Acq: 11 Dec 2018 6:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BORING-SAMPLE-CBH-591

Tot Ion:114 Resp: 1849690  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 41.8  
 88 15.2 0.0 31.6

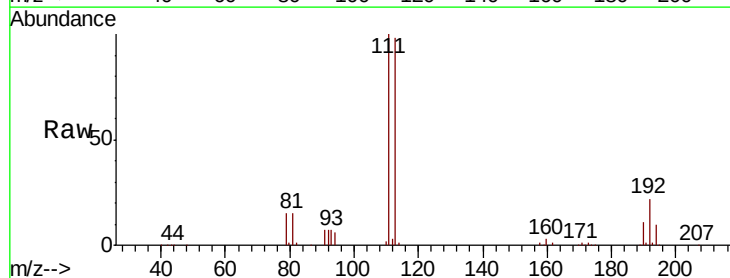


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

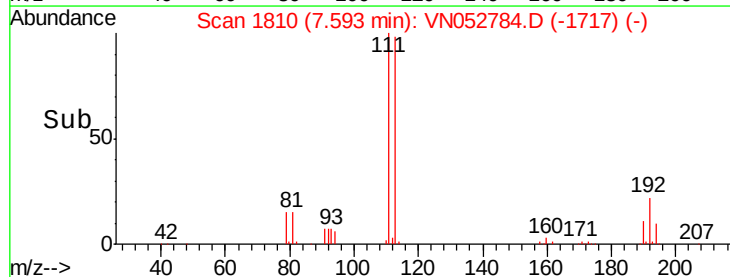
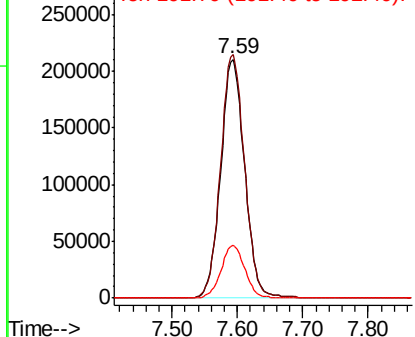


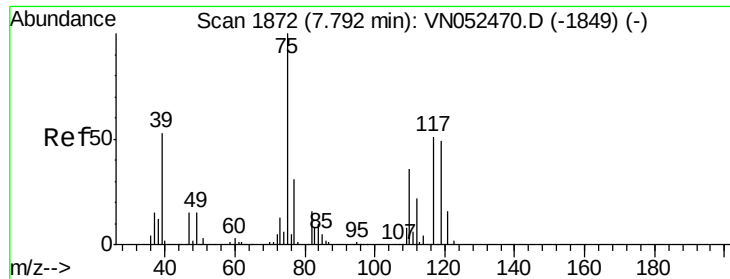
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: VN052784.D  
 Acq: 11 Dec 2018 6:18

Tgt Ion:113 Resp: 535790  
 Ion Ratio Lower Upper  
 113 100  
 111 102.4 82.0 123.0  
 192 22.1 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: 4.700 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

Instrument :

MSVOA\_N

ClientSampleId :

BORING-SAMPLE-CBH-591

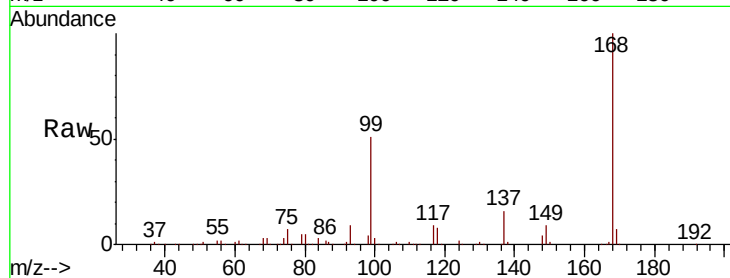
Tot Ion: 75 Resp: 82091

Ion Ratio Lower Upper

75 100

110 8.8 17.5 52.6#

77 0.0 24.5 36.7#

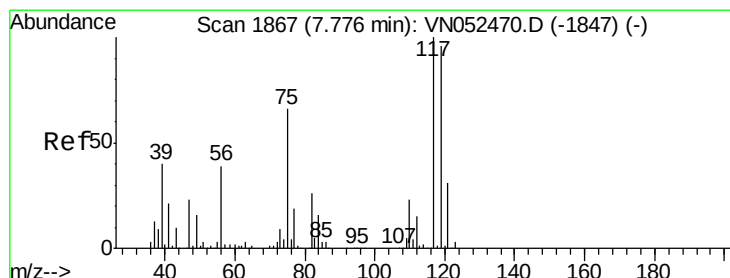
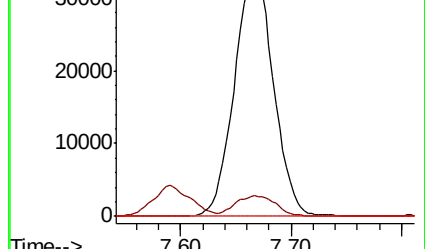
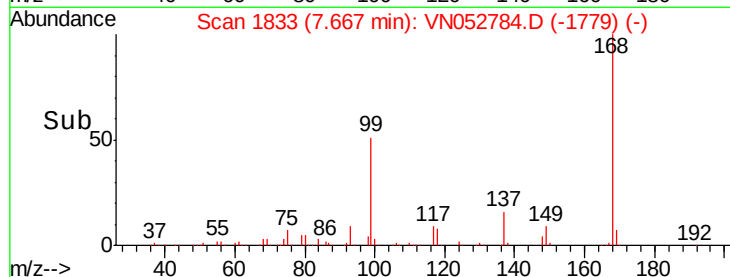


Abundance Ion 74.90 (74.60 to 75.60): VN052784.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN052784.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN052784.D (-1779) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.608 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

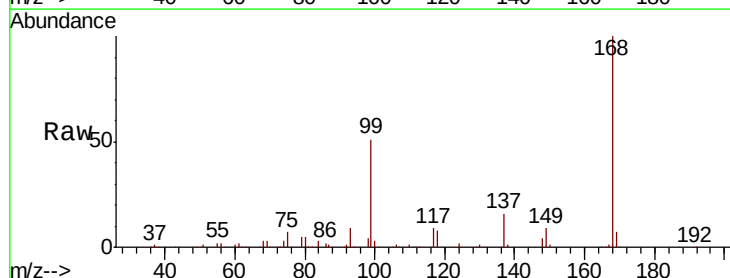
Tgt Ion: 117 Resp: 104489

Ion Ratio Lower Upper

117 100

119 4.8 76.8 115.2#

121 0.0 24.9 37.3#

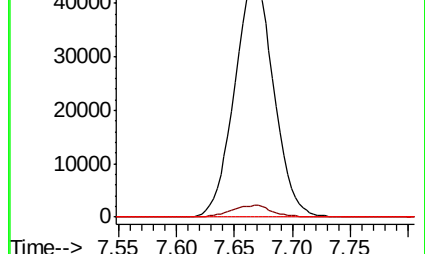
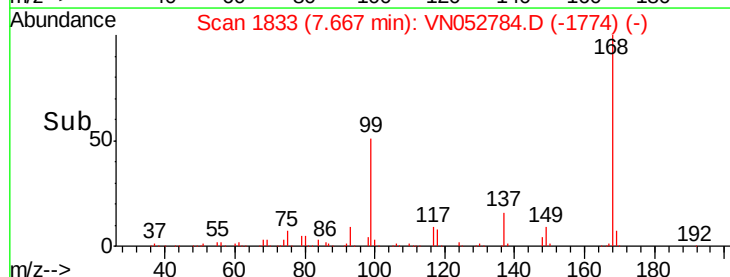


Abundance Ion 116.80 (116.50 to 117.50): VN052784.D (-1774) (-)

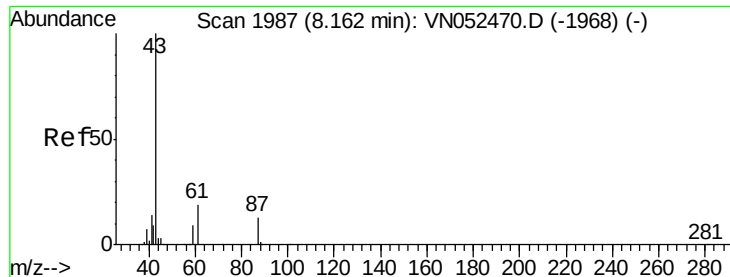
Ion 118.80 (118.50 to 119.50): VN052784.D (-1774) (-)

Ion 120.80 (120.50 to 121.50): VN052784.D (-1774) (-)

Time-->







#43

Isopropyl Acetate

Concen: 4.384 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

Instrument :

MSVOA\_N

ClientSampleId :

BORING-SAMPLE-CBH-591

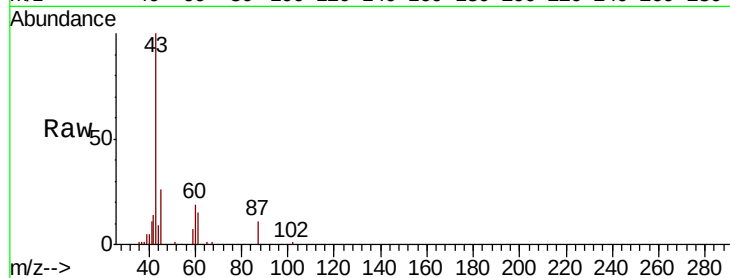
Tot Ion: 43 Resp: 79087

Ion Ratio Lower Upper

43 100

61 13.0 24.1 36.1#

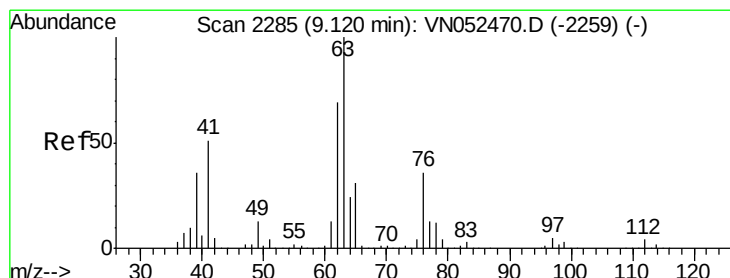
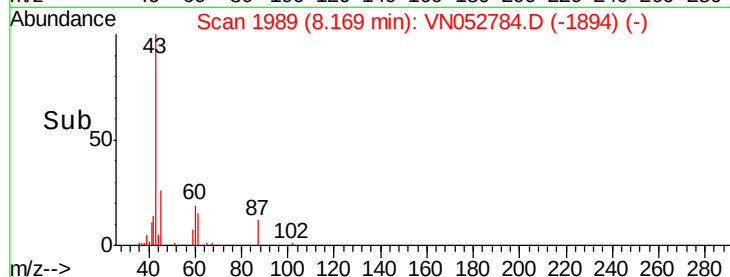
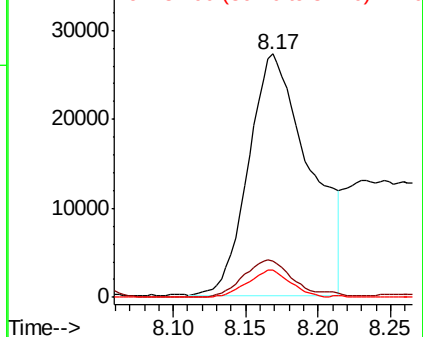
87 8.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052784.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052784.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052784.D (-1968) (-)



#45

1,2-Dichloropropane

Concen: 0.262 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN052784.D

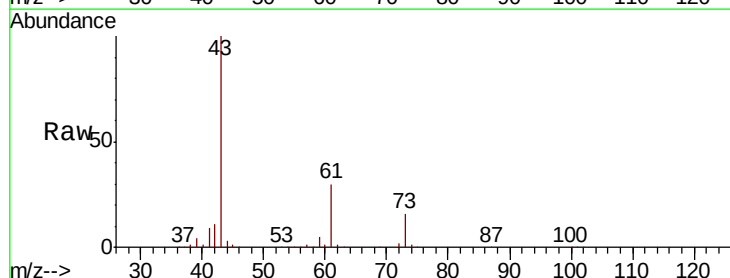
Acq: 11 Dec 2018 6:18

Tgt Ion: 63 Resp: 3624

Ion Ratio Lower Upper

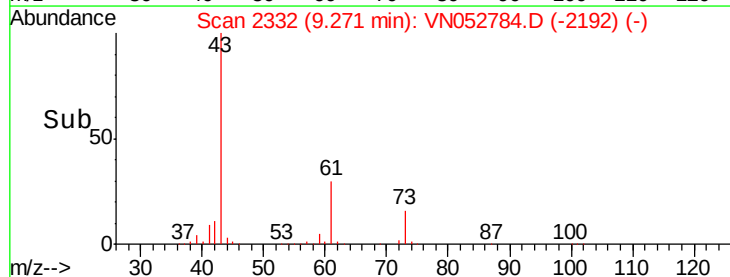
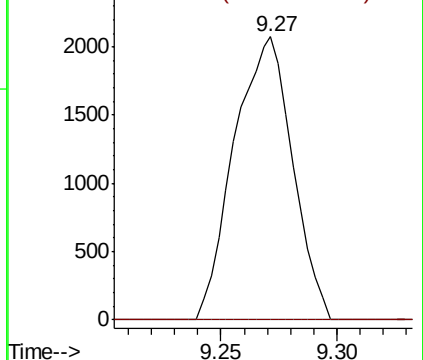
63 100

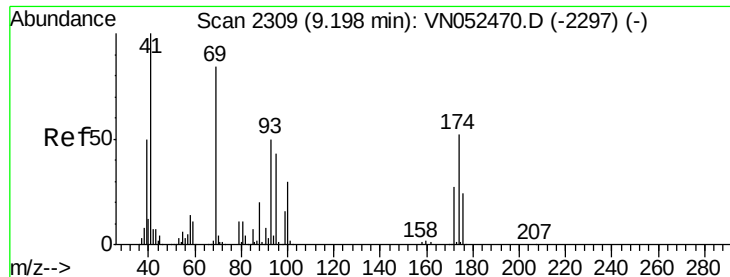
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN052784.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN052784.D (-2192) (-)

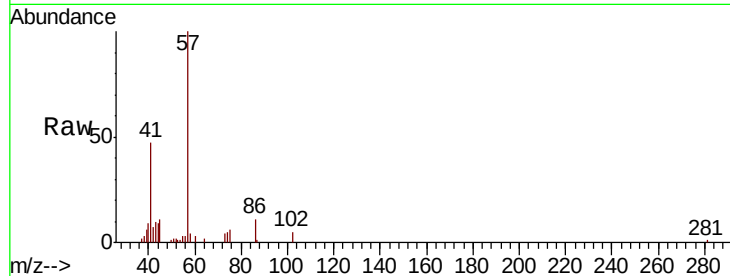




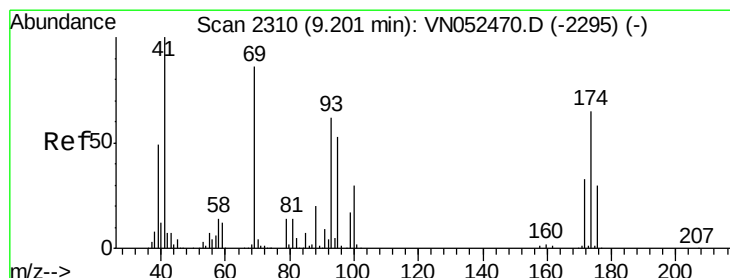
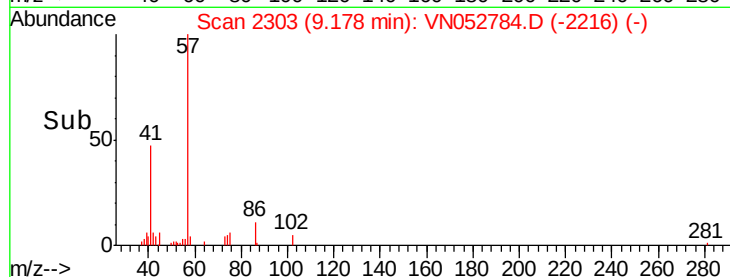
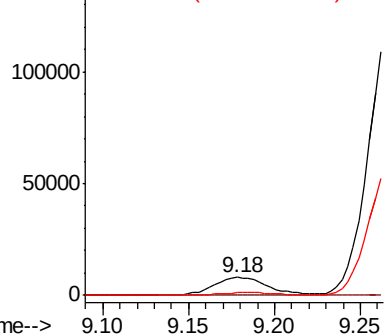
#48  
Methvl methacrylate  
Concen: 1.848 ug/l  
RT: 9.18 min Scan# 2303  
Delta R.T. -0.02 min  
Lab File: VN052784.D  
Acq: 11 Dec 2018 6:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
BORING-SAMPLE-CBH-591

Tot Ion: 41 Resp: 17383  
Ion Ratio Lower Upper  
41 100  
69 0.0 70.0 105.0#  
39 0.0 42.6 64.0#

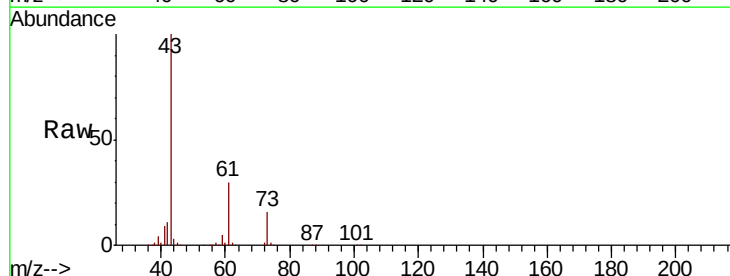


Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 69.00 (68.70 to 69.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO

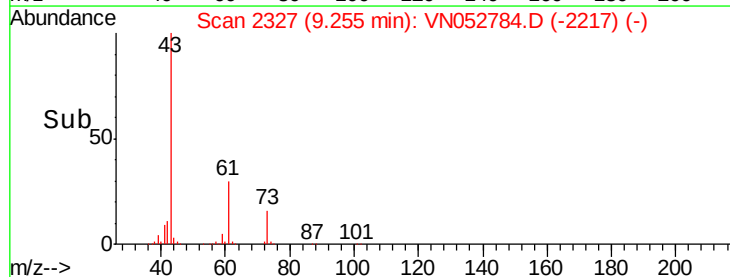
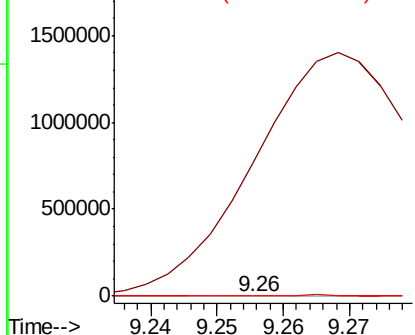


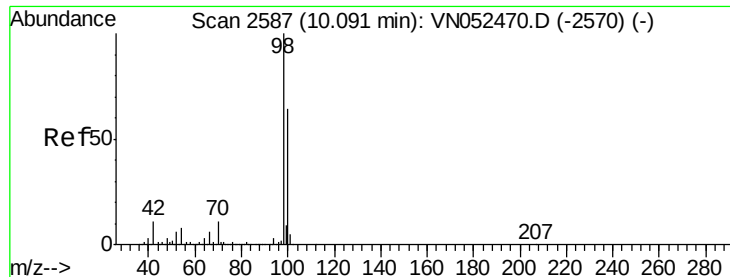
#49  
1,4-Dioxane  
Concen: 1.557 ug/l  
RT: 9.26 min Scan# 2327  
Delta R.T. 0.05 min  
Lab File: VN052784.D  
Acq: 11 Dec 2018 6:18

Tgt Ion: 88 Resp: 152  
Ion Ratio Lower Upper  
88 100  
43 1676636.2 26.4 39.6#  
58 7053.9 55.4 83.0#



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





#50

Toluene-d8

Concen: 1.557 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

Instrument :

MSVOA\_N

ClientSampleId :

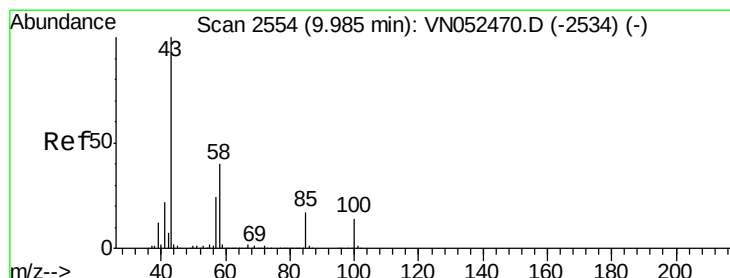
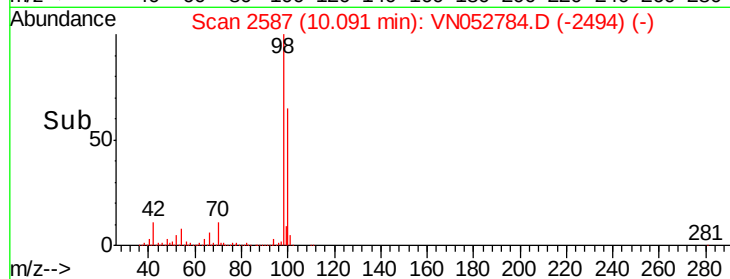
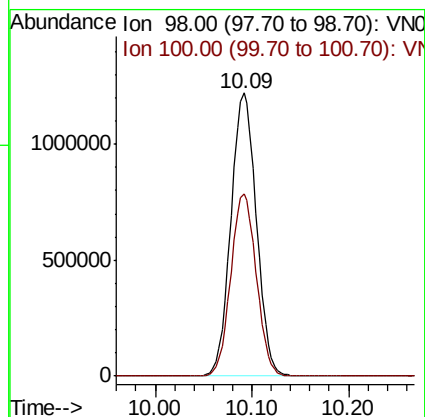
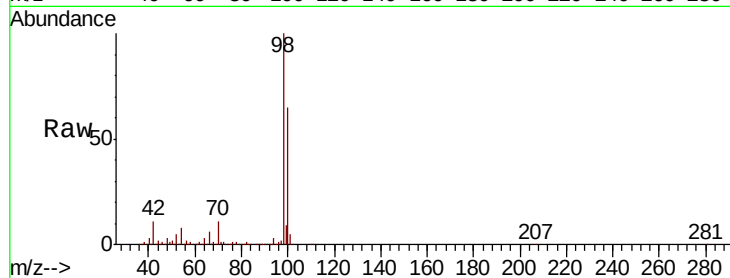
BORING-SAMPLE-CBH-591

Tot Ion: 98 Resp: 2234732

Ion Ratio Lower Upper

98 100

100 64.6 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 1.712 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052784.D

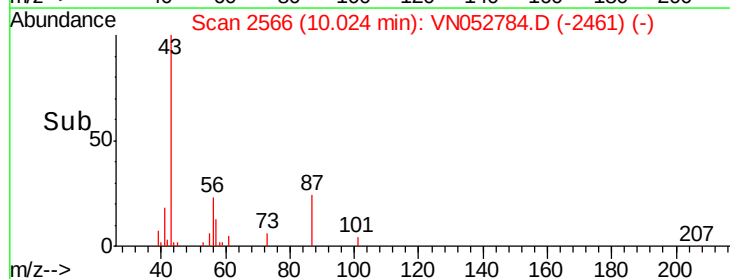
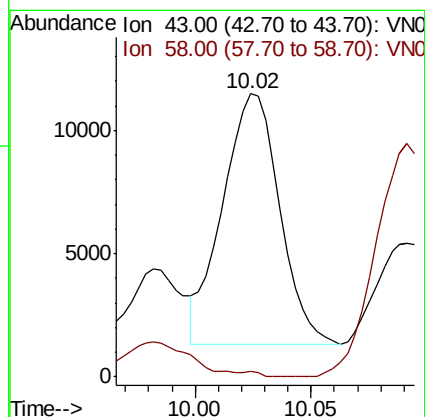
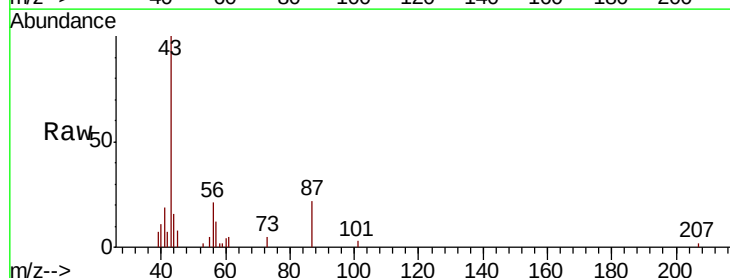
Acq: 11 Dec 2018 6:18

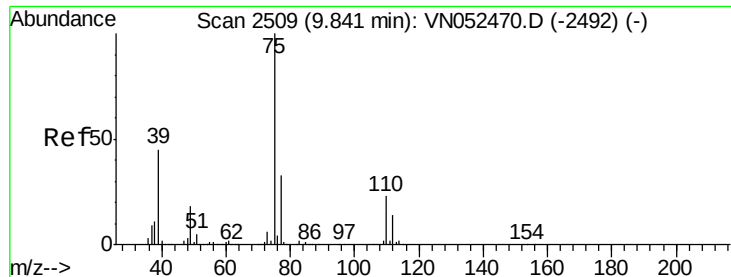
Tgt Ion: 43 Resp: 17326

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#





#54

cis-1,3-Dichloropropene

Concen: 6.813 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

Instrument :

MSVOA\_N

ClientSampleId :

BORING-SAMPLE-CBH-591

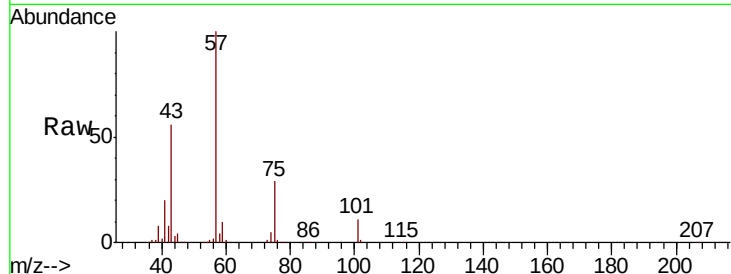
Tot Ion: 75 Resp: 130830

Ion Ratio Lower Upper

75 100

77 0.8 26.2 39.2#

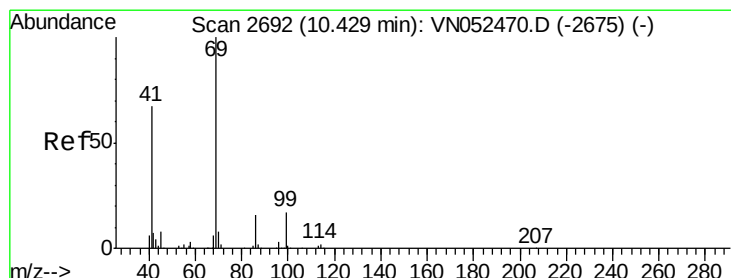
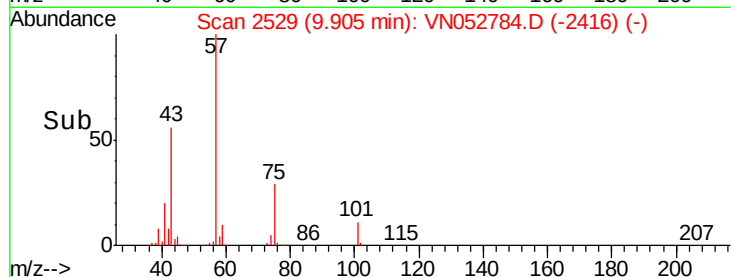
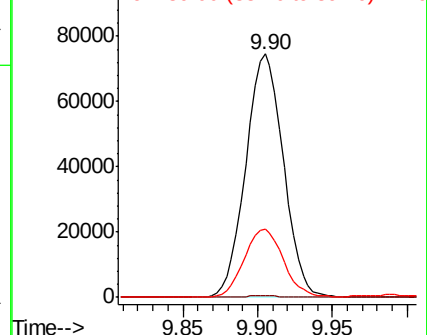
39 28.0 36.0 54.0#



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



#56

Ethyl methacrylate

Concen: 2.793 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

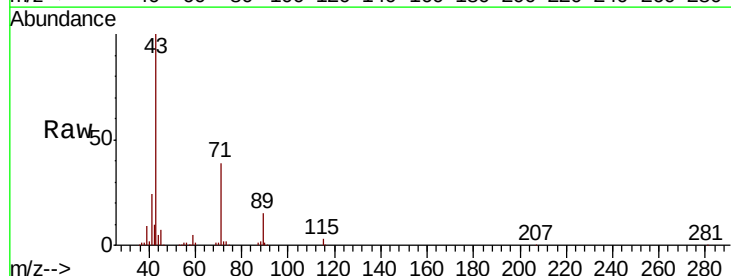
Tgt Ion: 69 Resp: 1600

Ion Ratio Lower Upper

69 100

41 5973.6 52.6 79.0#

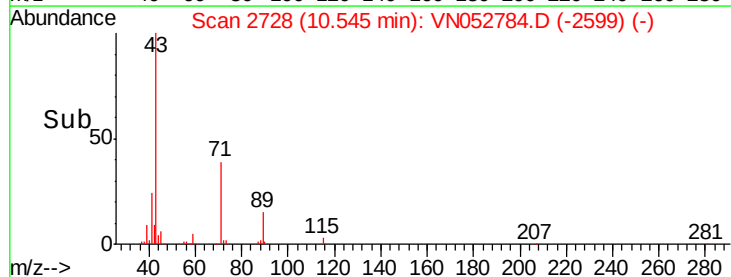
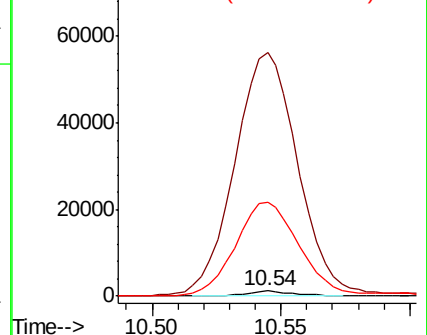
39 2335.6 25.9 38.9#

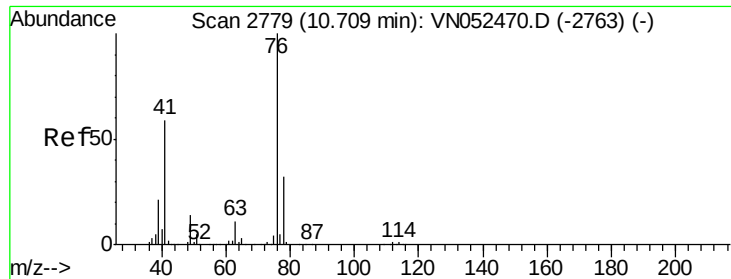


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.270 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

Instrument :

MSVOA\_N

ClientSampleId :

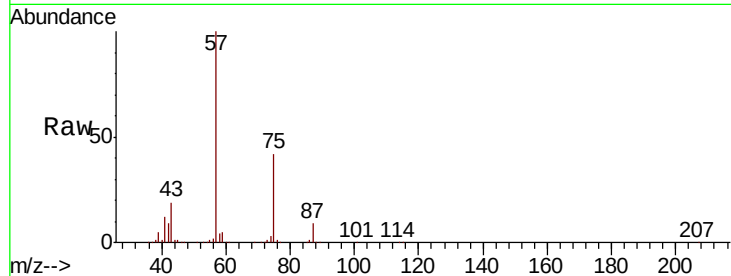
BORING-SAMPLE-CBH-591

Tot Ion: 76 Resp: 24403

Ion Ratio Lower Upper

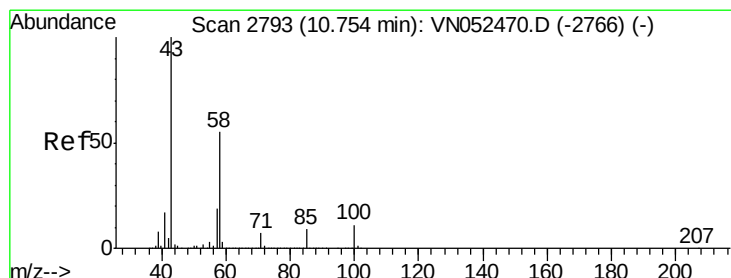
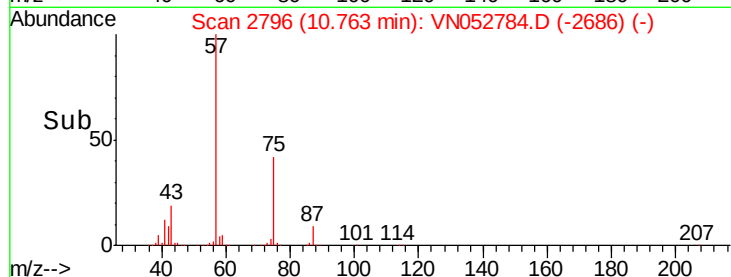
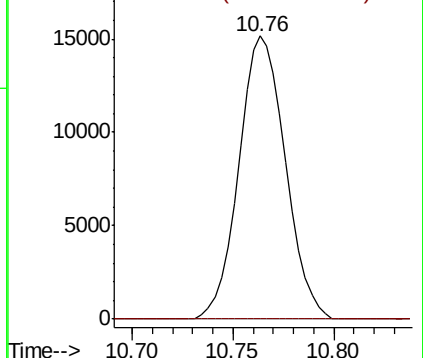
76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 47.377 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN052784.D

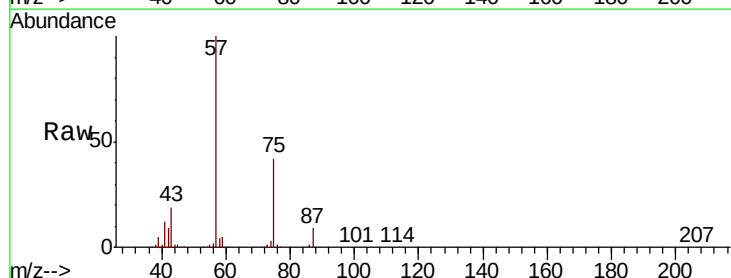
Acq: 11 Dec 2018 6:18

Tgt Ion: 43 Resp: 321846

Ion Ratio Lower Upper

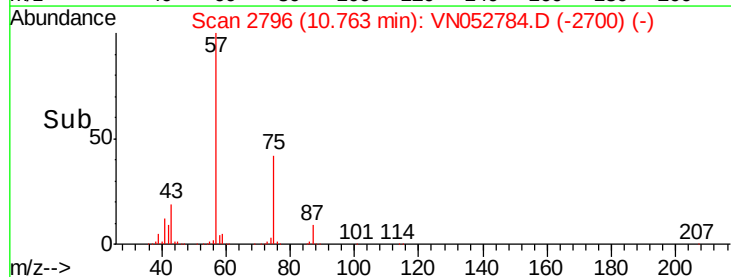
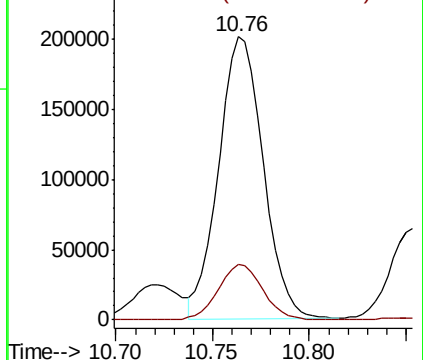
43 100

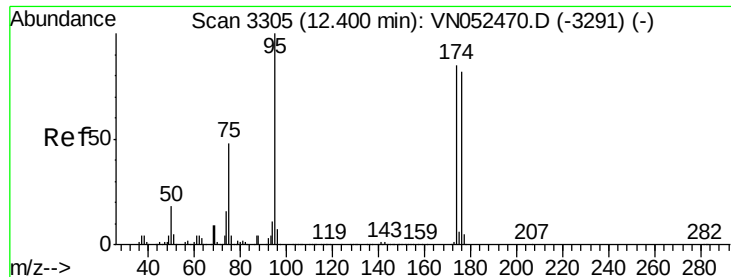
58 19.7 27.4 82.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

Instrument :

MSVOA\_N

ClientSampleId :

BORING-SAMPLE-CBH-591

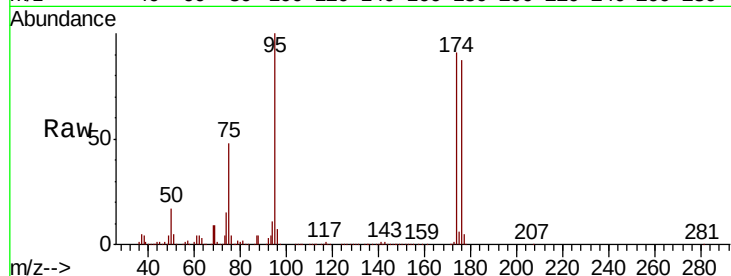
Tot Ion: 95 Resp: 704595

Ion Ratio Lower Upper

95 100

174 89.3 0.0 173.0

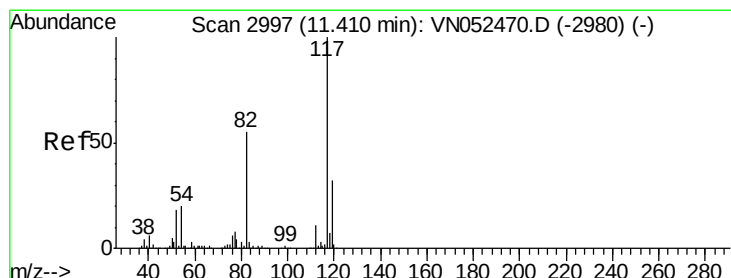
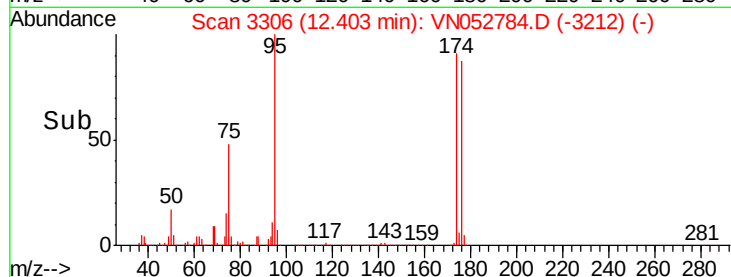
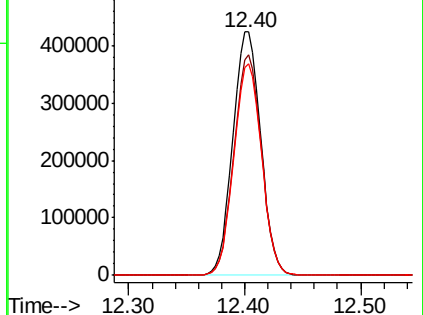
176 86.7 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052784.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052784.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052784.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

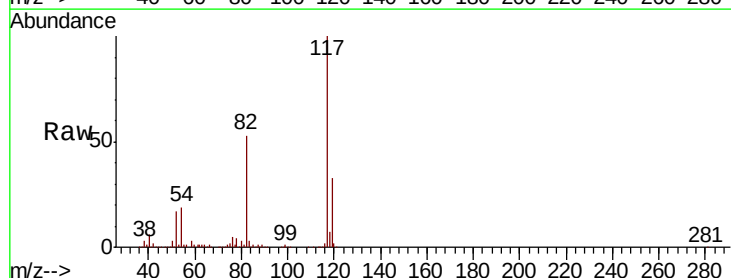
Tgt Ion: 117 Resp: 1614096

Ion Ratio Lower Upper

117 100

82 53.2 43.6 65.4

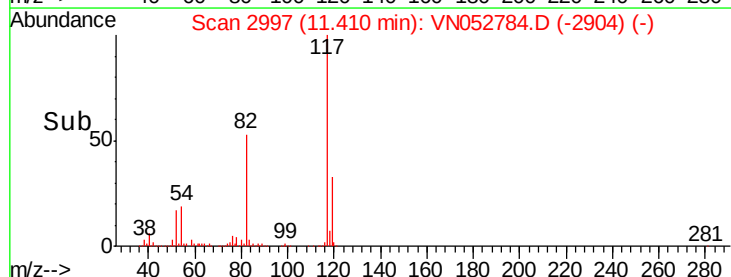
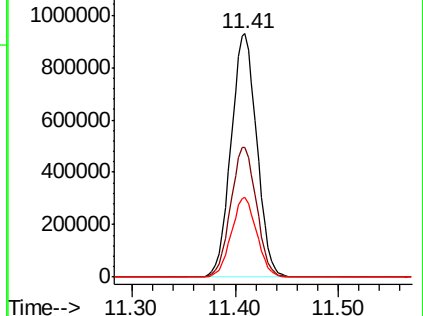
119 32.5 25.4 38.2

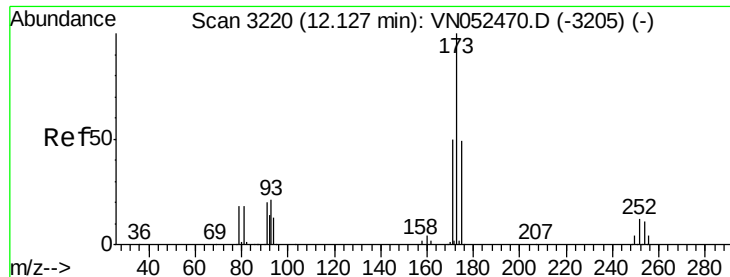


Abundance Ion 116.90 (116.60 to 117.60): VN052784.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052784.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052784.D (-2980) (-)





#71

Bromoform

Concen: 0.560 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

Instrument :

MSVOA\_N

ClientSampleId :

BORING-SAMPLE-CBH-591

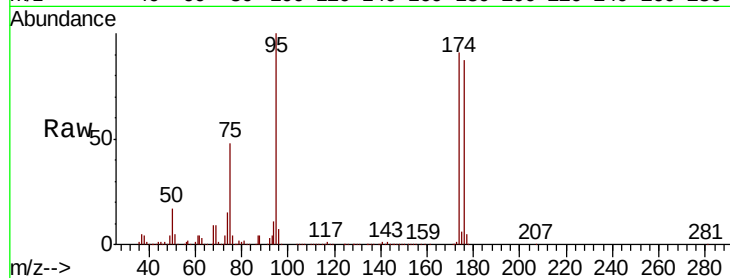
Tot Ion:173 Resp: 4292

Ion Ratio Lower Upper

173 100

175 910.2 24.4 73.2#

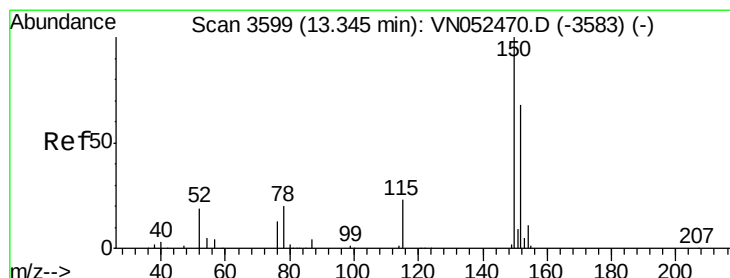
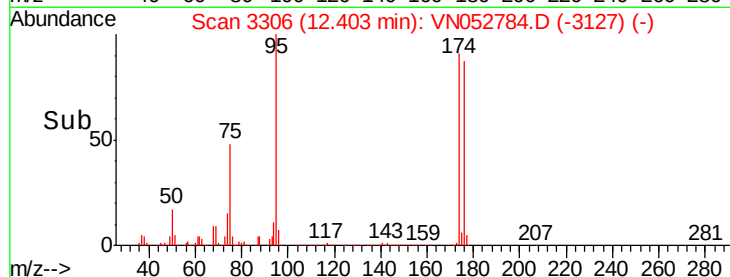
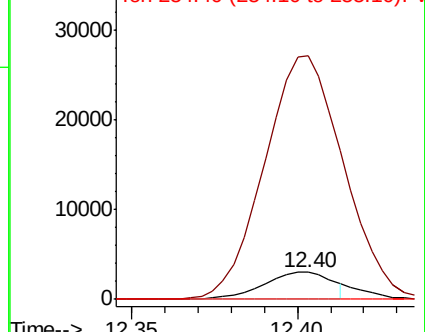
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

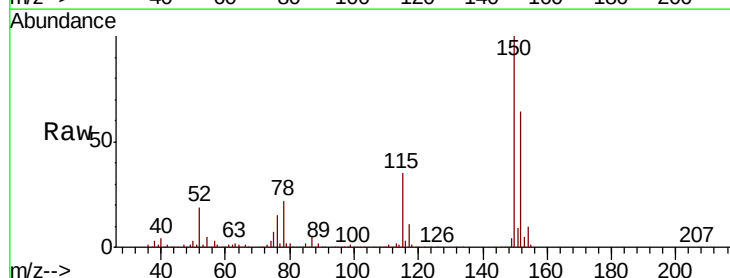
Tgt Ion:152 Resp: 634279

Ion Ratio Lower Upper

152 100

115 55.5 28.4 85.2

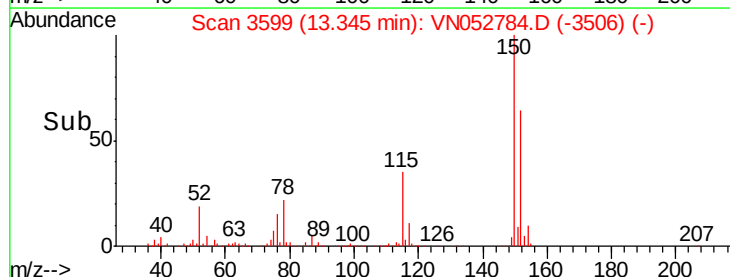
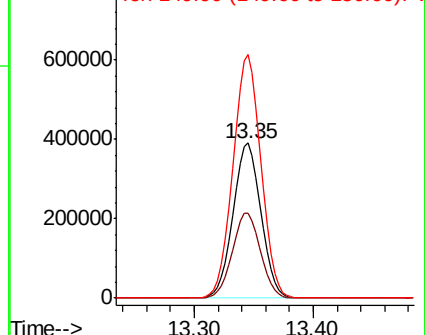
150 157.3 0.0 346.0

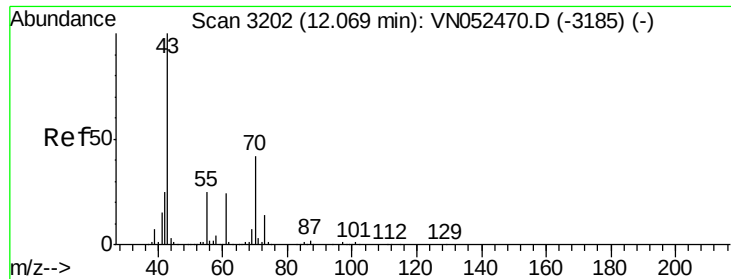


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

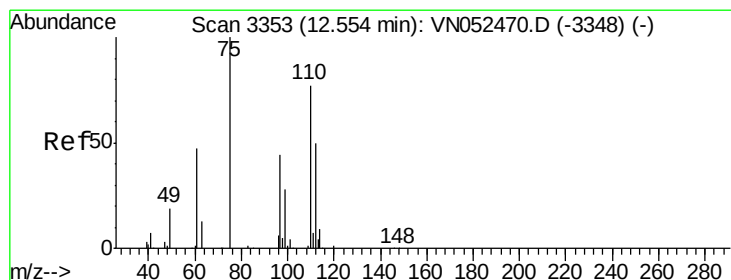
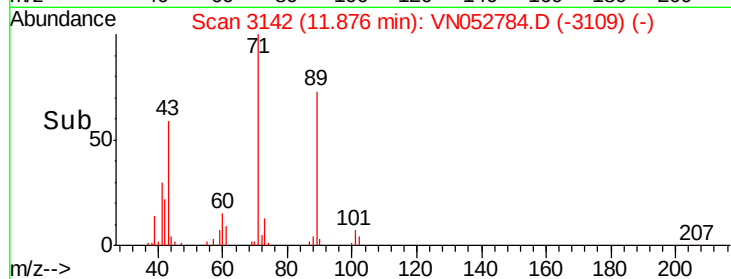
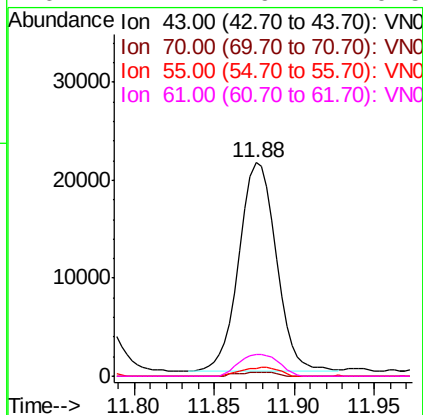
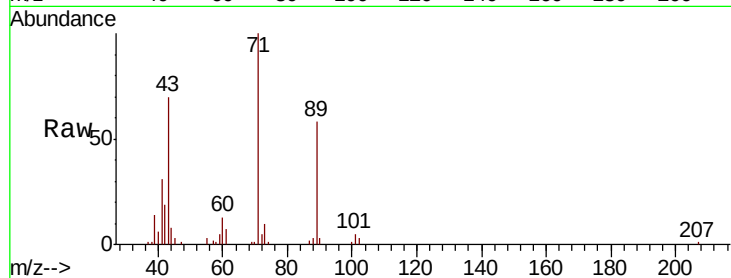




#74  
N-amvl acetate  
Concen: 2.697 ug/l  
RT: 11.88 min Scan# 3142  
Delta R.T. -0.19 min  
Lab File: VN052784.D  
Acq: 11 Dec 2018 6:18

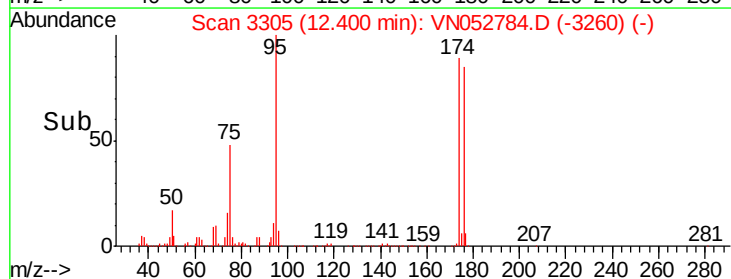
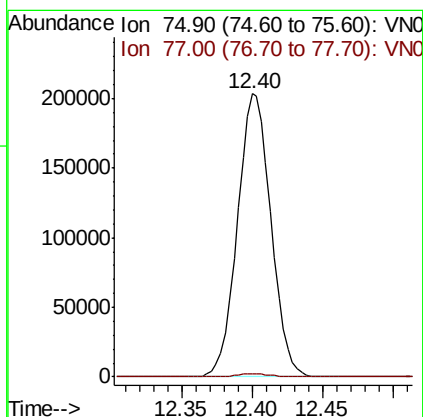
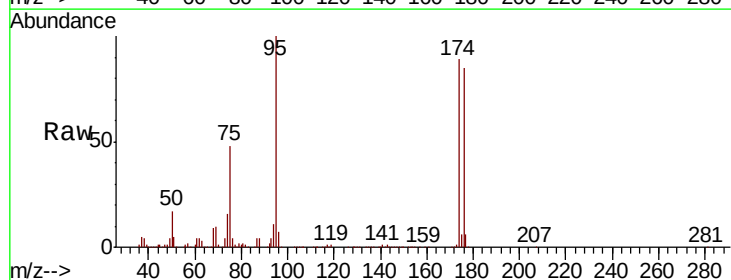
Instrument :  
MSVOA\_N  
ClientSampleId :  
BORING-SAMPLE-CBH-591

Tot Ion: 43 Resp: 33903  
Ion Ratio Lower Upper  
43 100  
70 2.0 33.8 50.8#  
55 4.3 20.0 30.0#  
61 11.1 19.7 29.5#

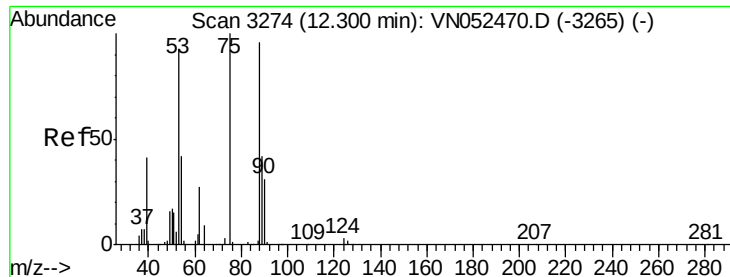


#76  
1,2,3-Trichloropropane  
Concen: 34.524 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.15 min  
Lab File: VN052784.D  
Acq: 11 Dec 2018 6:18

Tgt Ion: 75 Resp: 337680  
Ion Ratio Lower Upper  
75 100  
77 1.1 0.0 0.0#







#81

trans-1,4-Dichloro-2-butene

Concen: 115.295 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

Instrument :

MSVOA\_N

ClientSampleId :

BORING-SAMPLE-CBH-591

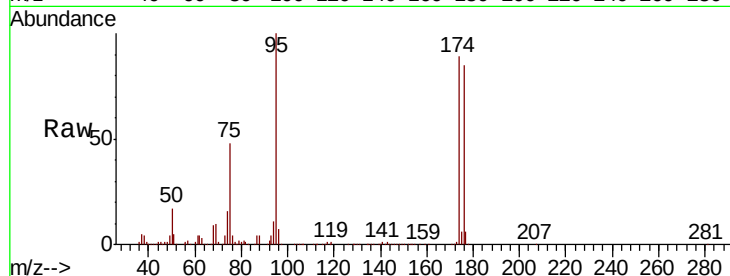
Tot Ion: 75 Resp: 337680

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

89 0.0 35.4 53.2#

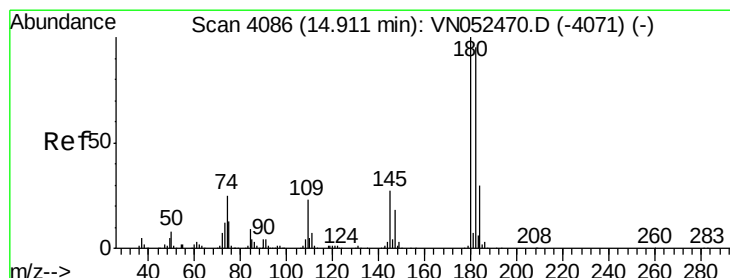
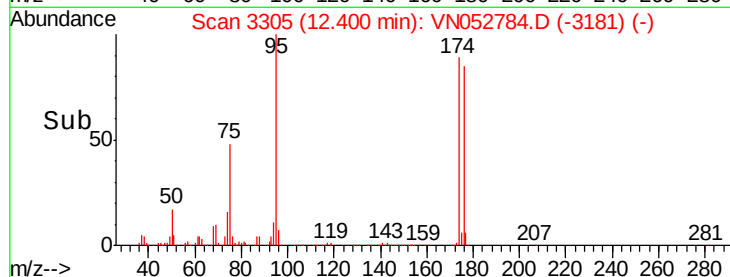
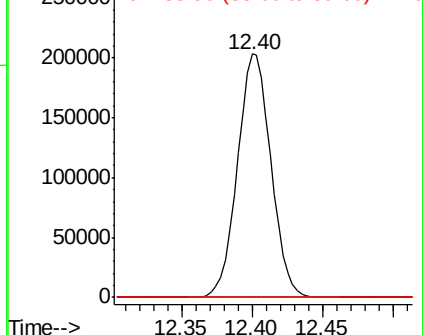


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#93

1,2,4-Trichlorobenzene

Concen: 2.848 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.01 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

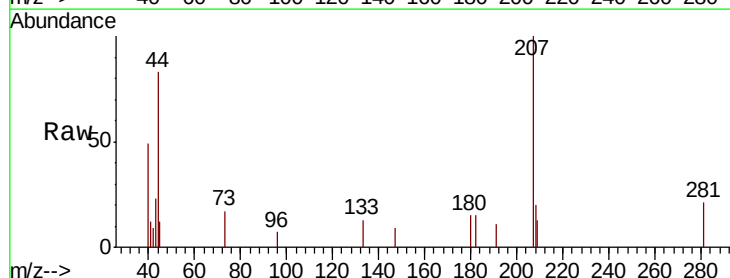
Tgt Ion: 180 Resp: 224

Ion Ratio Lower Upper

180 100

182 222.8 47.8 143.4#

145 0.0 14.1 42.3#

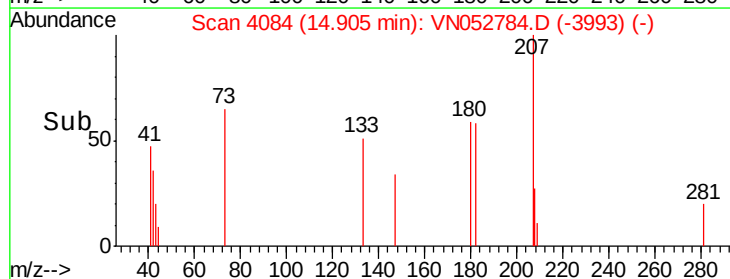
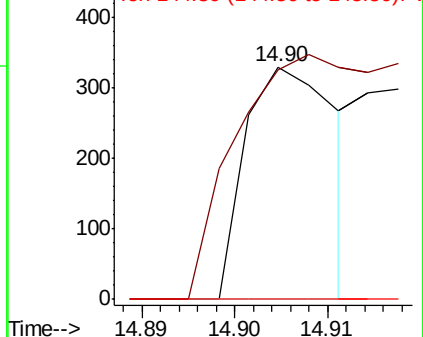


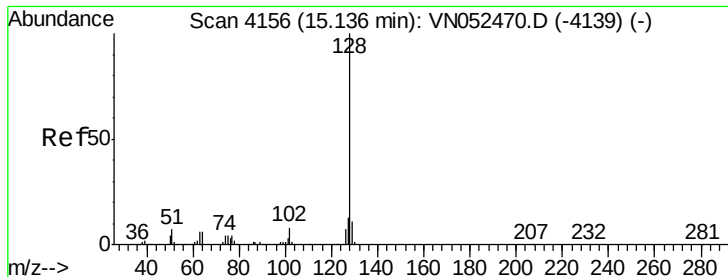
Abundance

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





#95

Naphthalene

Concen: 3.481 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

Instrument :

MSVOA\_N

ClientSampleId :

BORING-SAMPLE-CBH-591

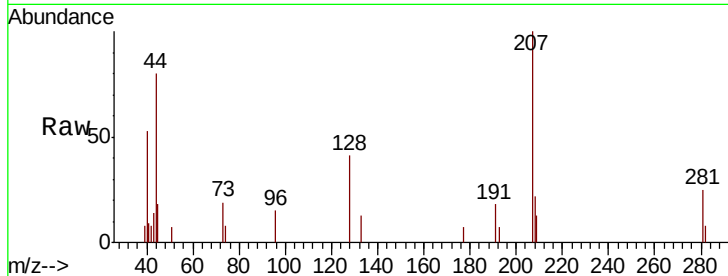
Tot Ion:128 Resp: 1351

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

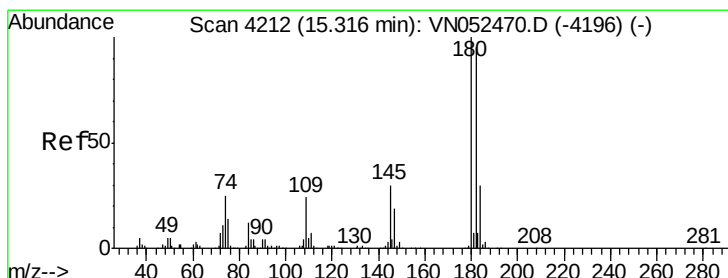
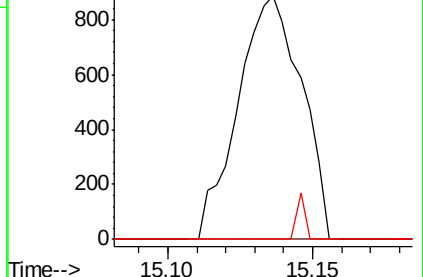
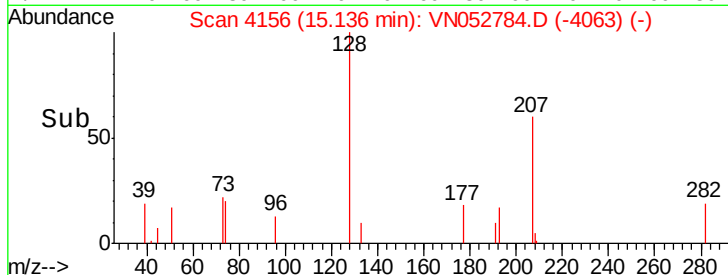
129 2.4 8.7 13.1#



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: 2.763 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN052784.D

Acq: 11 Dec 2018 6:18

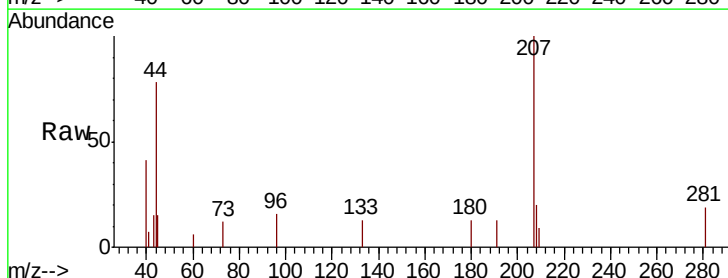
Tgt Ion:180 Resp: 393

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 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

