

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\  
 Data File : VN050028.D  
 Acq On : 24 Jul 2018 18:23  
 Operator : MD\SY  
 Sample : PB111391TB  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 25 00:50:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 24 06:27:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 605678   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 990022   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 829762   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 306773   | 50.00 | ug/l  | 0.00     |

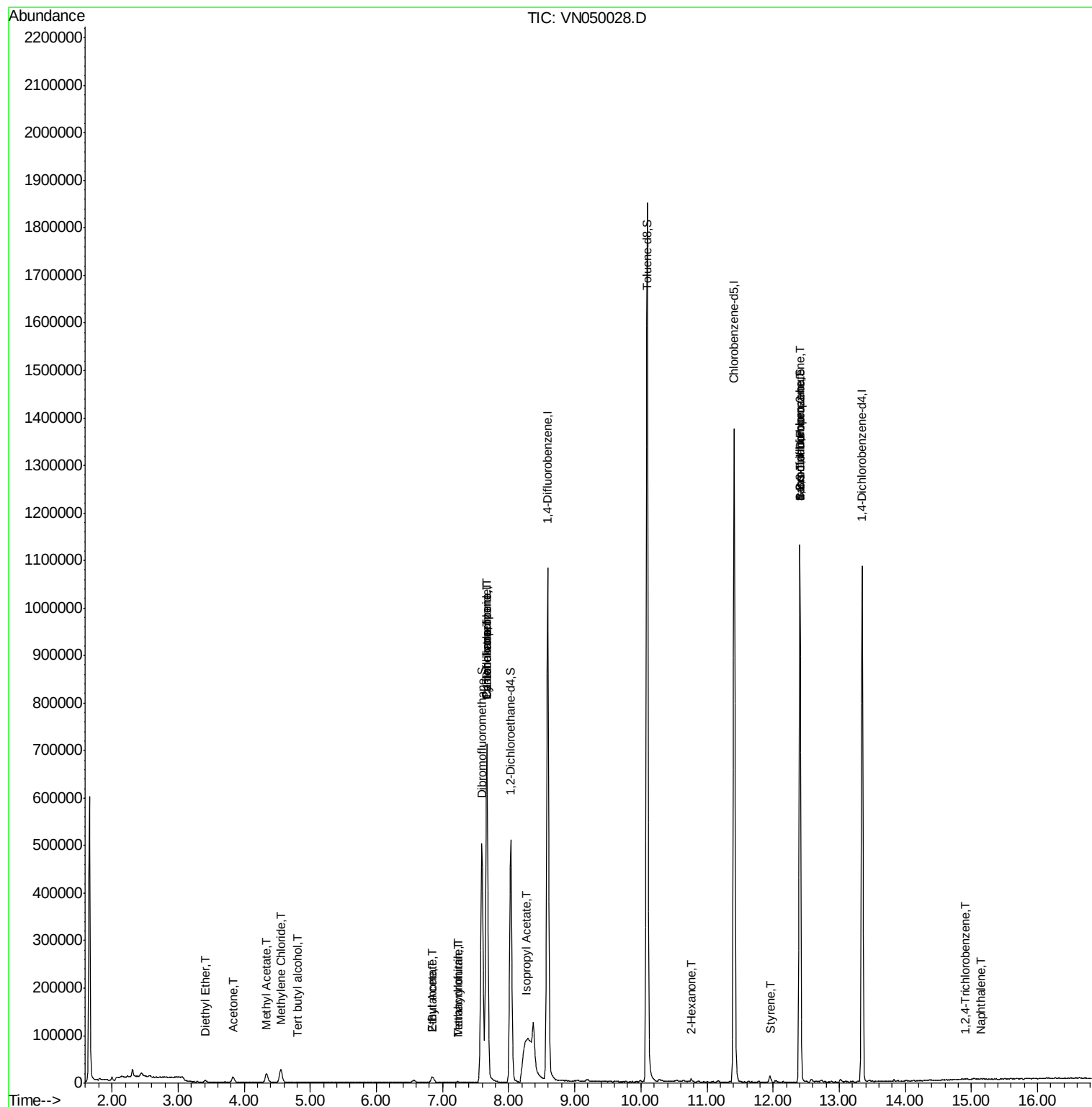
| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 436240   | 51.62 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.24% |          |
| 35) Dibromofluoromethane    | 7.60  | 113  | 382843   | 47.36 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.72%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1346167  | 45.30 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.60%  |          |
| 62) 4-Bromofluorobenzene    | 12.41 | 95   | 366200   | 37.42 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 74.84%  |          |

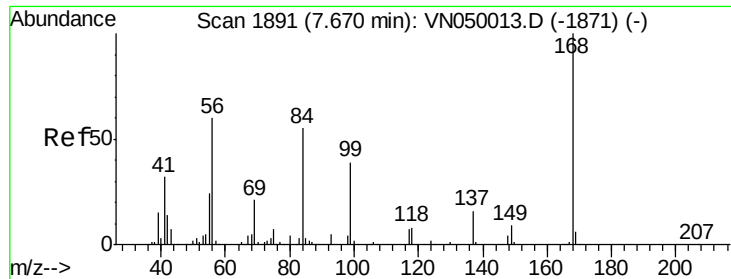
| Target Compounds               | R.T.  | QIon | Response | Conc        | Units | Qvalue |
|--------------------------------|-------|------|----------|-------------|-------|--------|
| 5) Bromomethane                | 2.56  | 94   | 897      | Below Cal   |       | 92     |
| 8) Diethyl Ether               | 3.41  | 74   | 1366     | 0.32 ug/l   | #     | 30     |
| 11) Tert butyl alcohol         | 4.81  | 59   | 591      | 0.95 ug/l   | #     | 72     |
| 16) Acetone                    | 3.83  | 43   | 18974    | 5.28 ug/l   |       | 95     |
| 18) Methyl Acetate             | 4.33  | 43   | 37435    | 3.31 ug/l   |       | 94     |
| 20) Methylene Chloride         | 4.55  | 84   | 20638    | 1.54 ug/l   |       | 97     |
| 25) 2-Butanone                 | 6.86  | 43   | 13807    | 4.28 ug/l   |       | 95     |
| 29) Tetrahydrofuran            | 7.23  | 42   | 930      | 0.45 ug/l   | #     | 65     |
| 31) Cyclohexane                | 7.67  | 56   | 11273    | 0.90 ug/l   | #     | 1      |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 42410    | 3.80 ug/l   | #     | 48     |
| 37) Ethyl Acetate              | 6.86  | 43   | 13807    | 1.78 ug/l   | #     | 69     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 54249    | 4.58 ug/l   | #     | 17     |
| 41) Methacrylonitrile          | 7.22  | 41   | 751      | 2.92 ug/l   | #     | 26     |
| 43) Isopropyl Acetate          | 8.26  | 43   | 98410    | 5.71 ug/l   | #     | 62     |
| 59) 2-Hexanone                 | 10.76 | 43   | 5082     | 6.06 ug/l   |       | 74     |
| 70) Styrene                    | 11.97 | 104  | 110      | 0.93 ug/l   | #     | 47     |
| 71) Bromoform                  | 12.41 | 173  | 3536     | 0.60 ug/l   | #     | 1      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.40 | 83   | 198      | Below Cal   | #     | 1      |
| 76) 1,2,3-Trichloropropane     | 12.41 | 75   | 181509   | 31.84 ug/l  | #     | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.41 | 75   | 181509   | 100.98 ug/l | #     | 13     |
| 92) 1,2-Dibromo-3-Chloropropan | 14.43 | 75   | 31       | Below Cal   | #     | 1      |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 100      | 3.10 ug/l   | #     | 88     |
| 95) Naphthalene                | 15.13 | 128  | 320      | 4.44 ug/l   | #     | 69     |

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

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Quant Title : SW846 8260  
QLast Update : Tue Jul 24 06:27:04 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050028.D

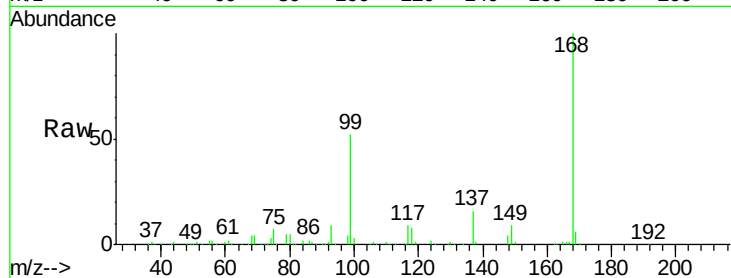
Acq: 24 Jul 2018 18:23

Tot Ion:168 Resp: 605678

Ion Ratio Lower Upper

168 100

99 52.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050013.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050013.D (-1871) (-)

7.67

250000

200000

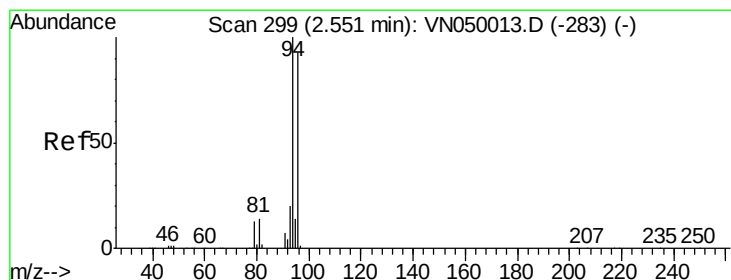
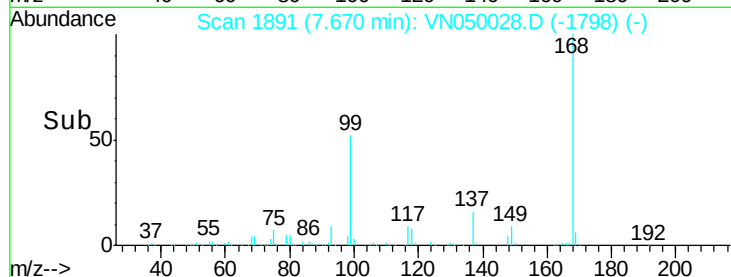
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050028.D

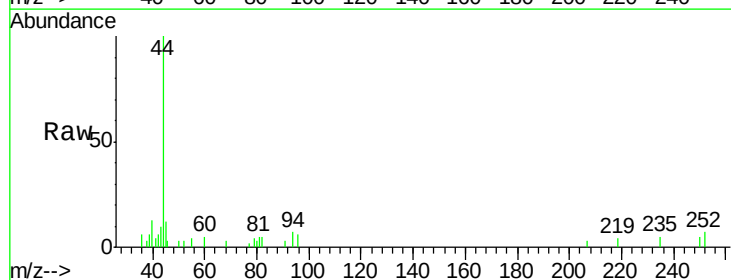
Acq: 24 Jul 2018 18:23

Tgt Ion: 94 Resp: 897

Ion Ratio Lower Upper

94 100

96 85.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050013.D (-283) (-)

Ion 95.90 (95.60 to 96.60): VN050013.D (-283) (-)

2.56

500

400

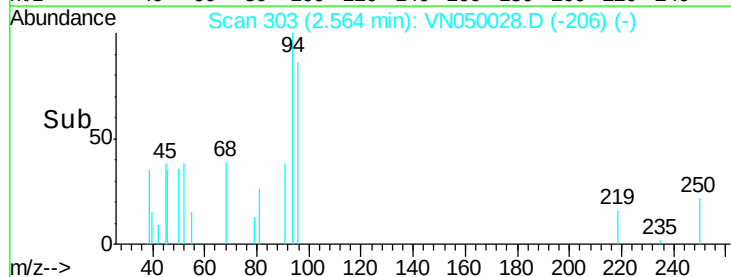
300

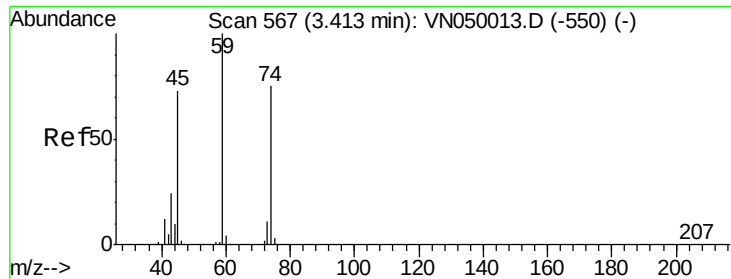
200

100

0

Time-->





#8

Diethyl Ether

Concen: 0.32 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050028.D

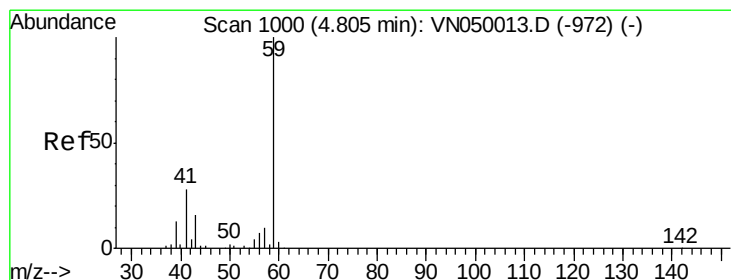
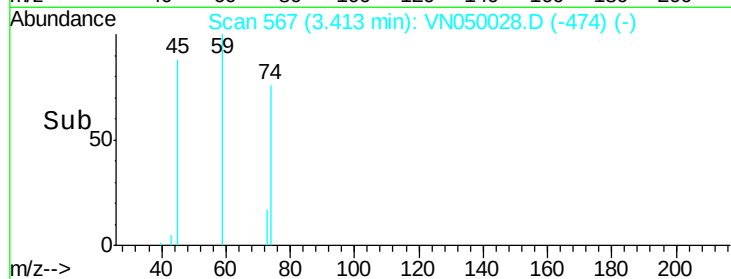
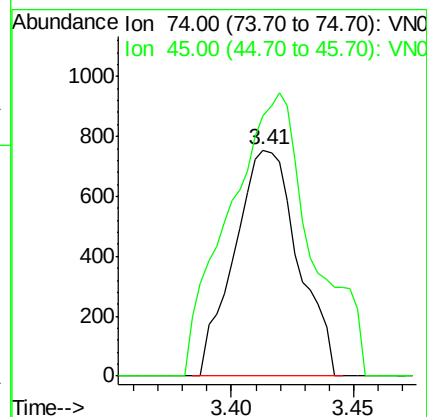
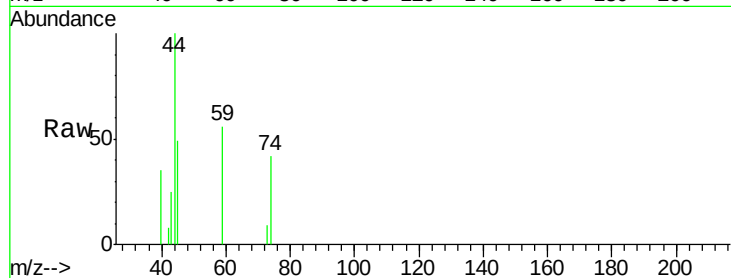
Acq: 24 Jul 2018 18:23

Tot Ion: 74 Resp: 1366

Ion Ratio Lower Upper

74 100

45 163.4 47.6 142.8#



#11

Tert butyl alcohol

Concen: 0.95 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN050028.D

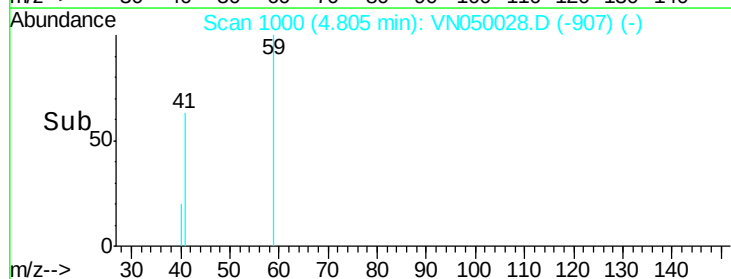
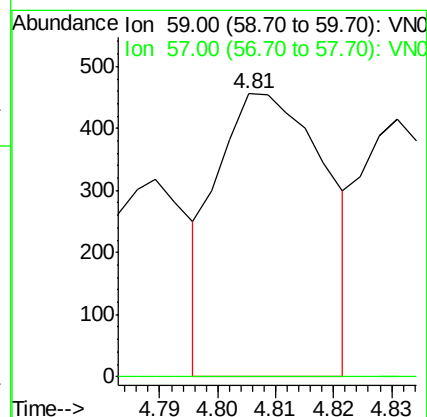
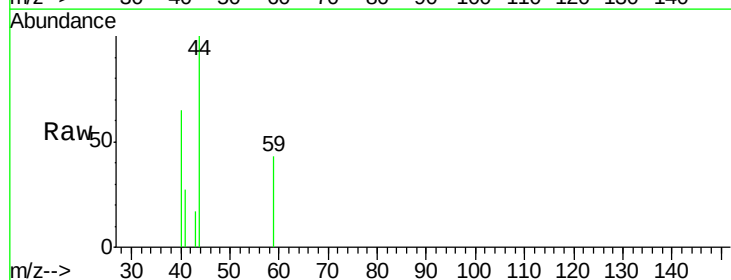
Acq: 24 Jul 2018 18:23

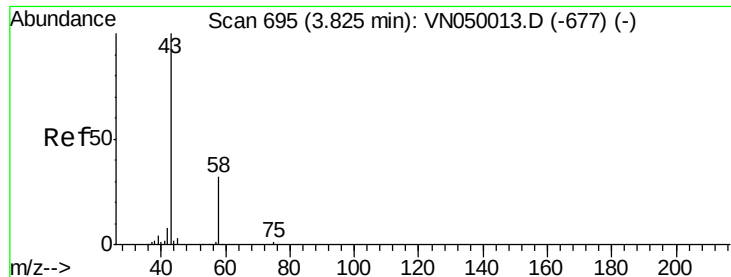
Tgt Ion: 59 Resp: 591

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#16

Acetone

Concen: 5.28 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050028.D

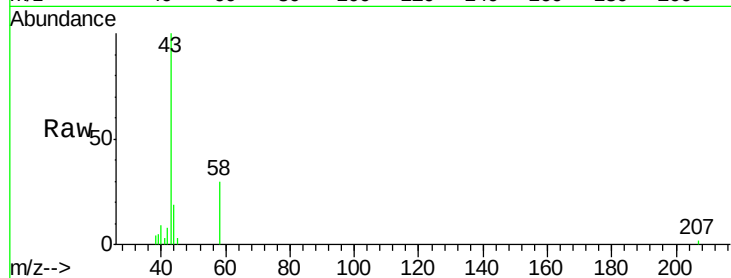
Acq: 24 Jul 2018 18:23

Tot Ion: 43 Resp: 18974

Ion Ratio Lower Upper

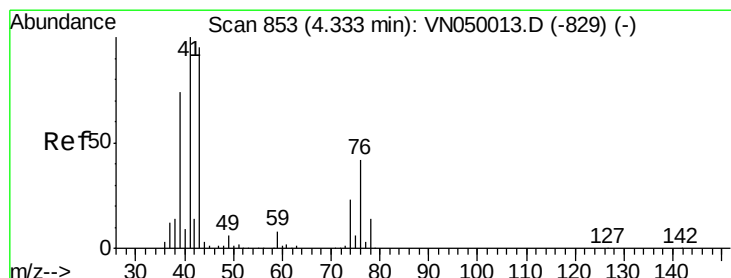
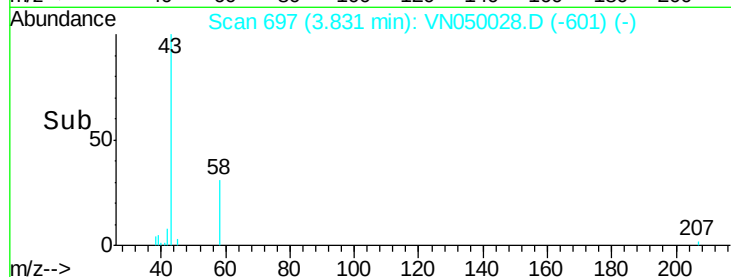
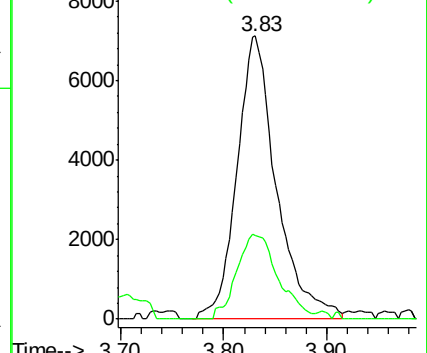
43 100

58 29.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 3.31 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050028.D

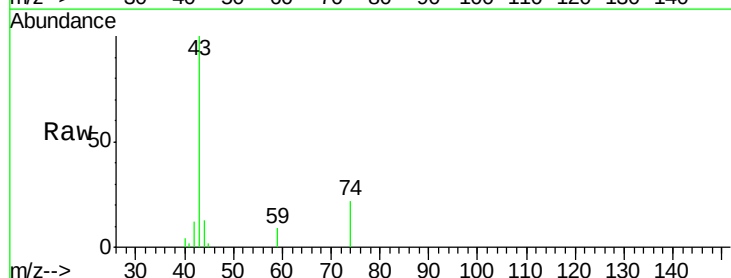
Acq: 24 Jul 2018 18:23

Tgt Ion: 43 Resp: 37435

Ion Ratio Lower Upper

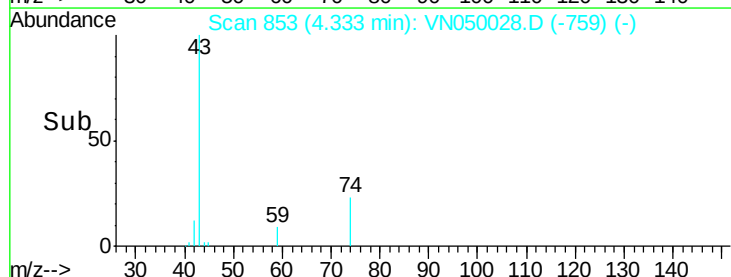
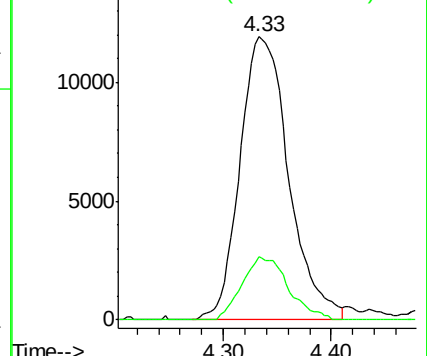
43 100

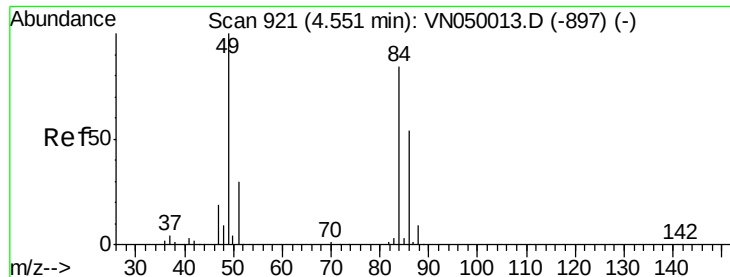
74 21.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

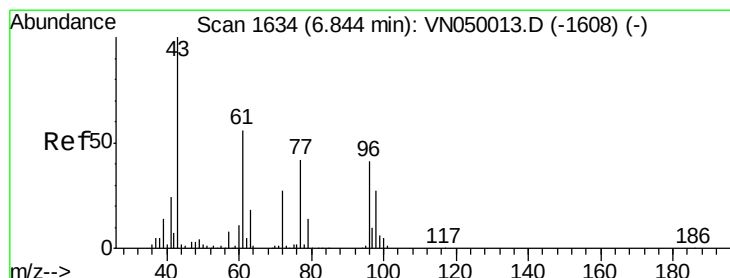
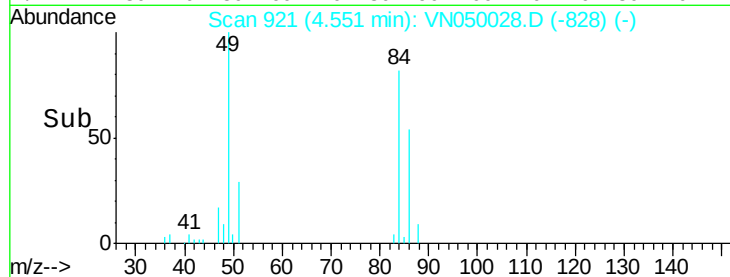
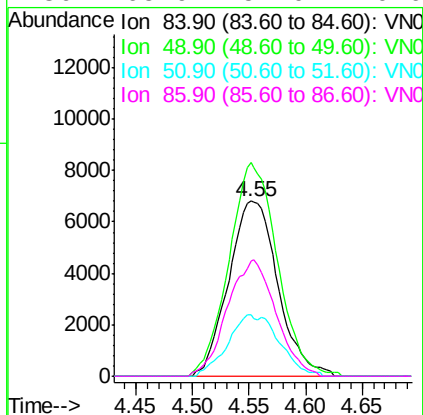
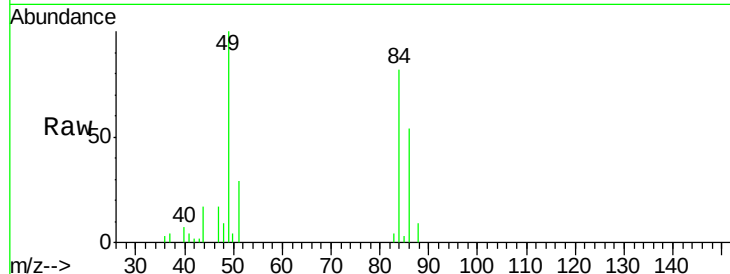
Ion 74.00 (73.70 to 74.70): VN0





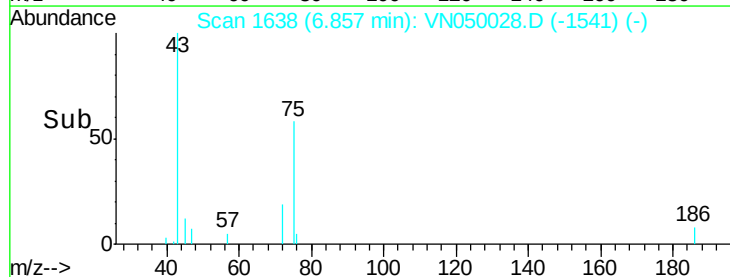
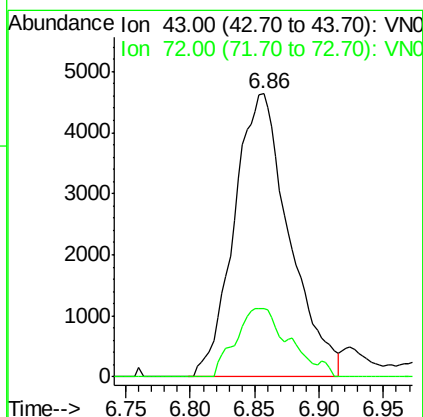
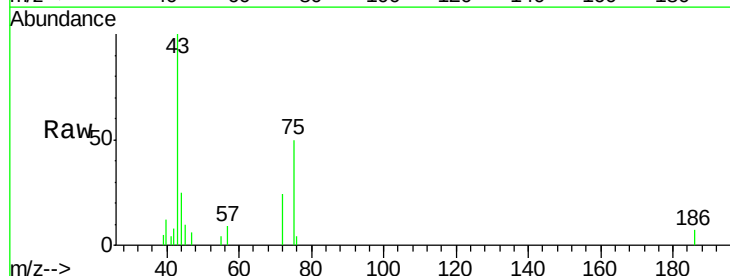
#20  
Methvlene Chloride  
Concen: 1.54 ug/l  
RT: 4.55 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VN050028.D  
Acq: 24 Jul 2018 18:23

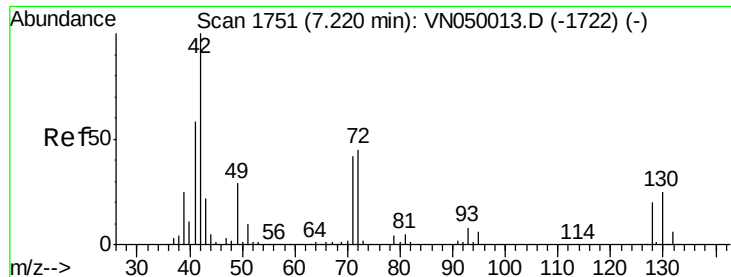
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 20638 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 122.2 | 94.8  | 142.2 |
| 51       | 35.0  | 28.3  | 42.5  |
| 86       | 65.9  | 51.0  | 76.6  |



#25  
2-Butanone  
Concen: 4.28 ug/l  
RT: 6.86 min Scan# 1638  
Delta R.T. 0.01 min  
Lab File: VN050028.D  
Acq: 24 Jul 2018 18:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 13807 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 24.1  | 21.5  | 32.3  |





#29

Tetrahydrofuran

Concen: 0.45 ug/l

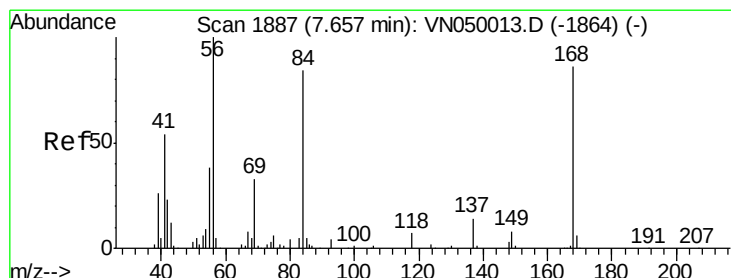
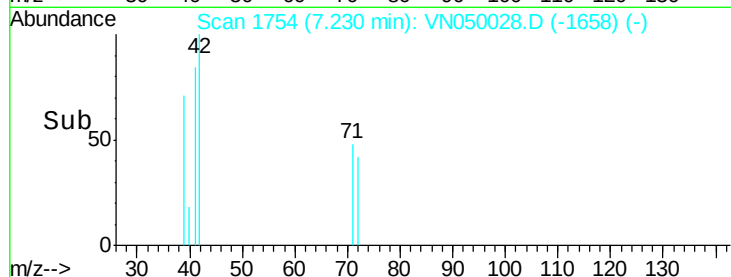
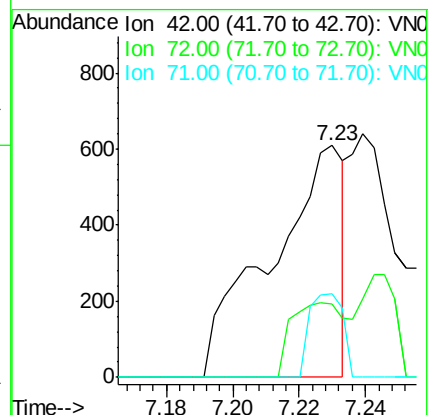
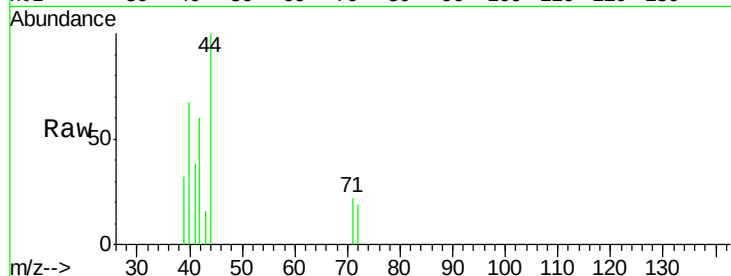
RT: 7.23 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VN050028.D

Acq: 24 Jul 2018 18:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 930   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 25.2  | 35.9  | 53.9# |
| 71       | 16.8  | 33.7  | 50.5# |



#31

Cyclohexane

Concen: 0.90 ug/l

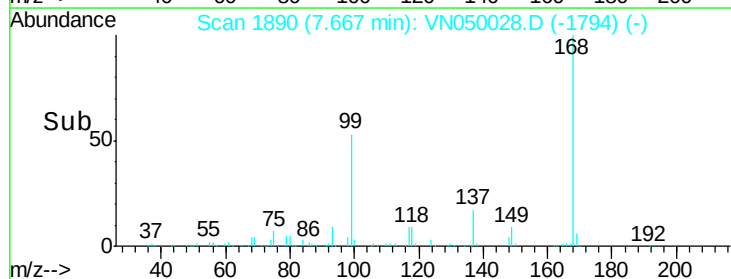
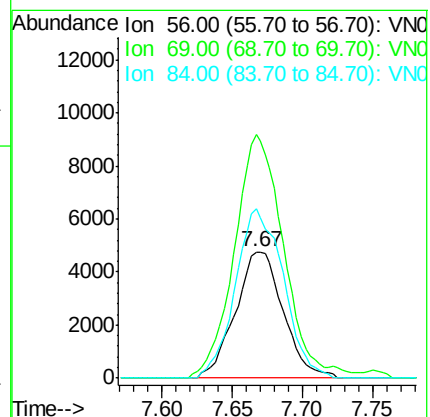
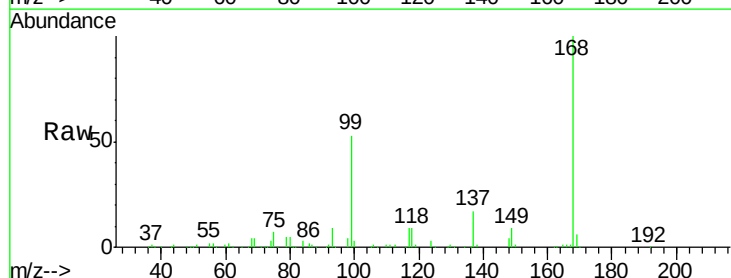
RT: 7.67 min Scan# 1890

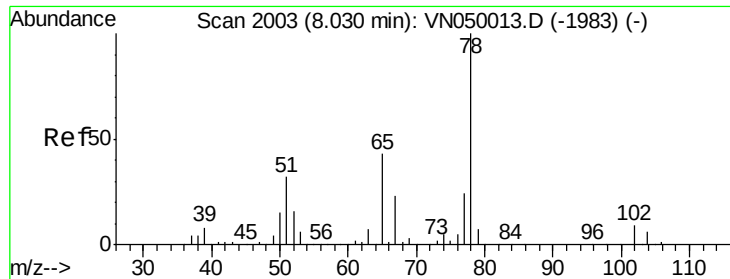
Delta R.T. 0.01 min

Lab File: VN050028.D

Acq: 24 Jul 2018 18:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 11273  |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 189.0 | 26.2  | 39.4#  |
| 84       | 134.4 | 67.4  | 101.0# |





#33

1,2-Dichloroethane-d4

Concen: 51.62 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050028.D

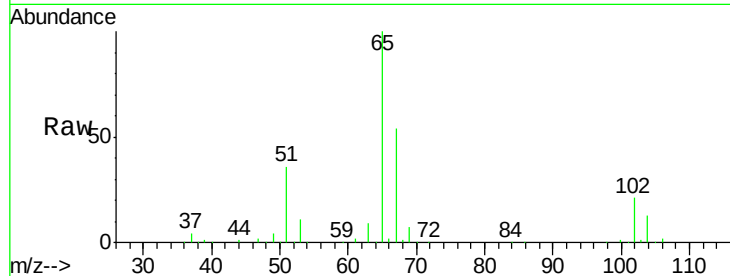
Acq: 24 Jul 2018 18:23

Tot Ion: 65 Resp: 436240

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050013.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050013.D (-1983) (-)

8.03

200000

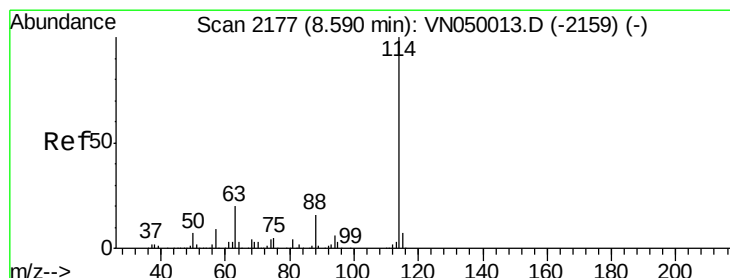
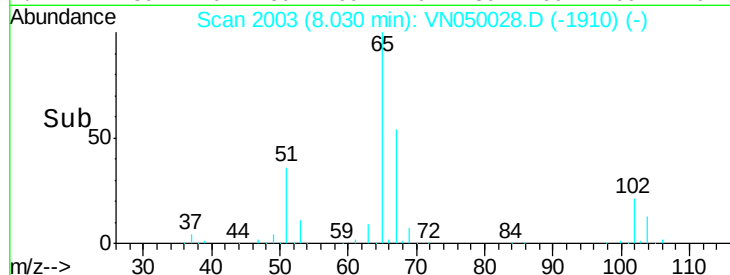
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050028.D

Acq: 24 Jul 2018 18:23

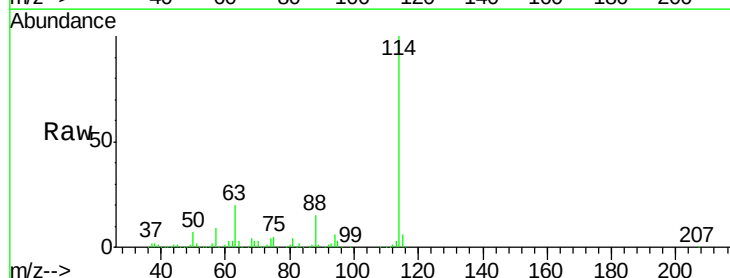
Tgt Ion: 114 Resp: 990022

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050013.D (-2159) (-)

Ion 63.00 (62.70 to 63.70): VN050013.D (-2159) (-)

Ion 87.90 (87.60 to 88.60): VN050013.D (-2159) (-)

8.59

600000

500000

400000

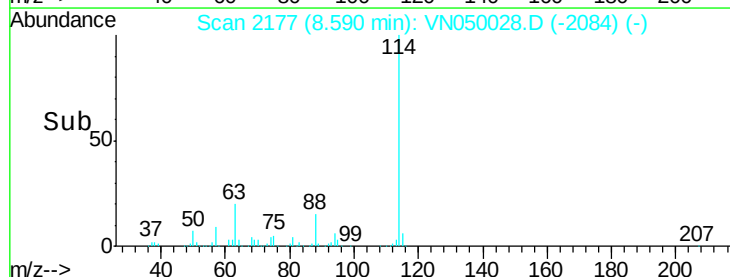
300000

200000

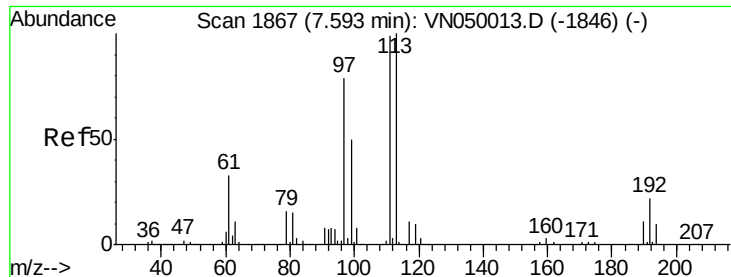
100000

0

Time-->

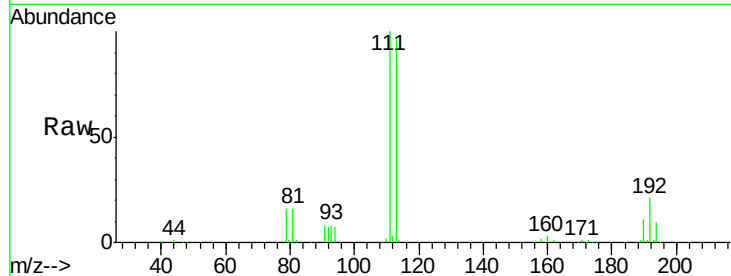




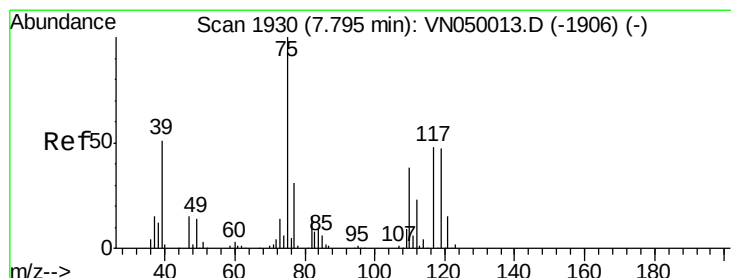
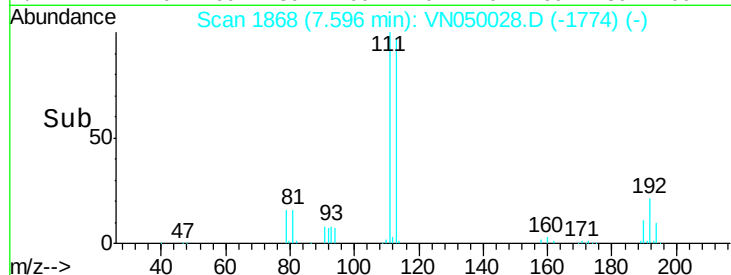
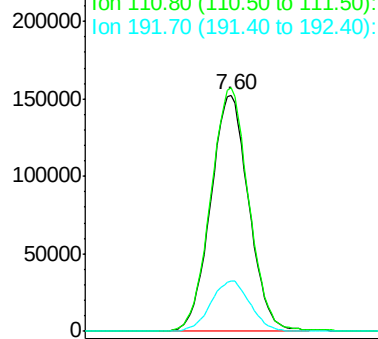


#35  
 Dibromofluoromethane  
 Concen: 47.36 ug/l  
 RT: 7.60 min Scan# 1868  
 Delta R.T. 0.00 min  
 Lab File: VN050028.D  
 Acq: 24 Jul 2018 18:23

Tot Ion:113 Resp: 382843  
 Ion Ratio Lower Upper  
 113 100  
 111 103.6 80.7 121.1  
 192 21.9 17.8 26.6

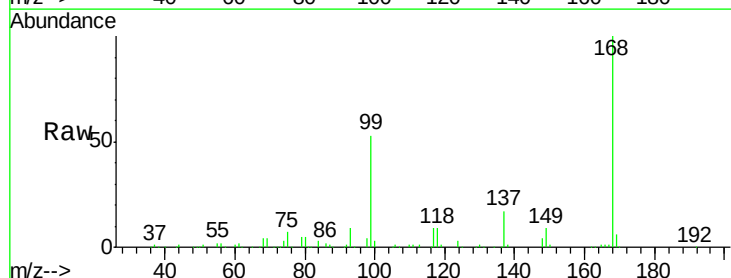


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

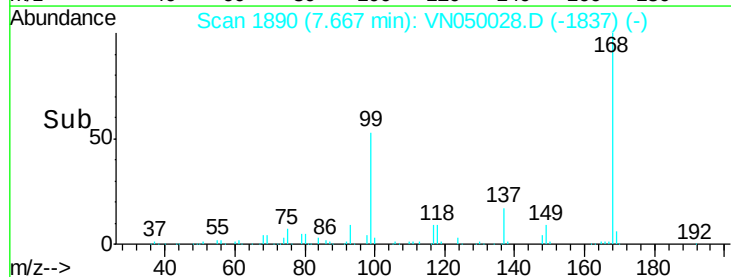
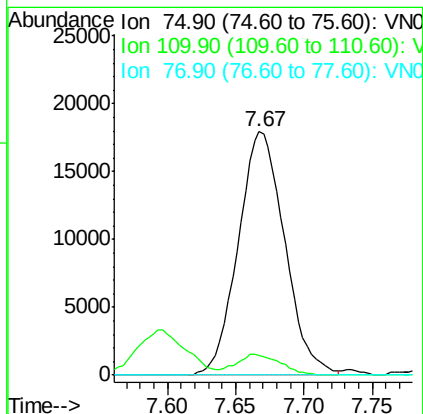


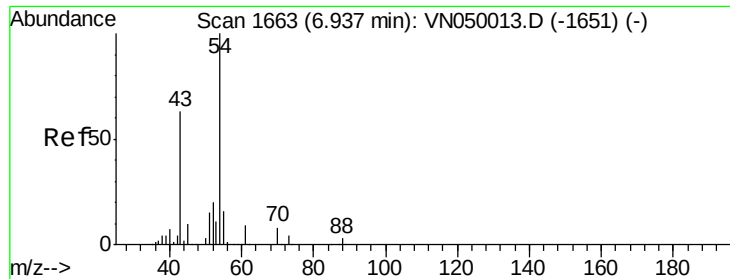
#36  
 1,1-Dichloropropene  
 Concen: 3.80 ug/l  
 RT: 7.67 min Scan# 1890  
 Delta R.T. -0.13 min  
 Lab File: VN050028.D  
 Acq: 24 Jul 2018 18:23

Tgt Ion: 75 Resp: 42410  
 Ion Ratio Lower Upper  
 75 100  
 110 8.2 18.4 55.2#  
 77 0.0 25.3 37.9#



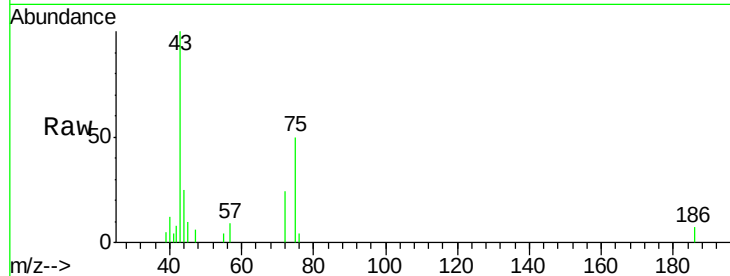
Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): V



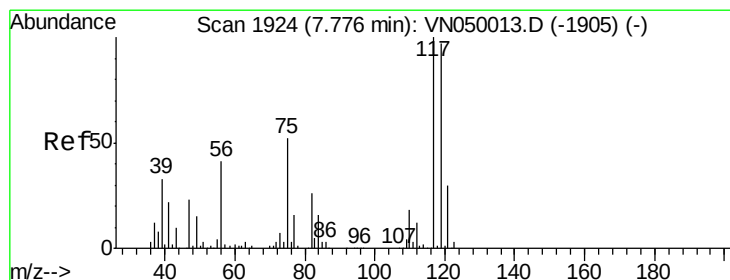
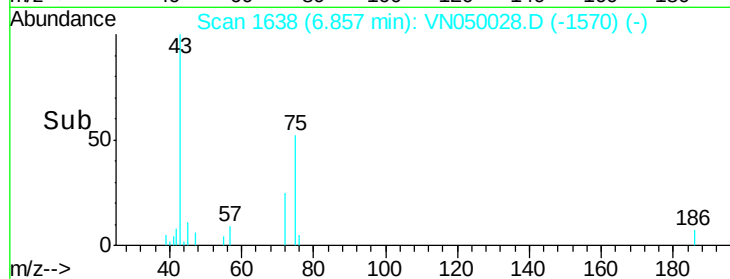
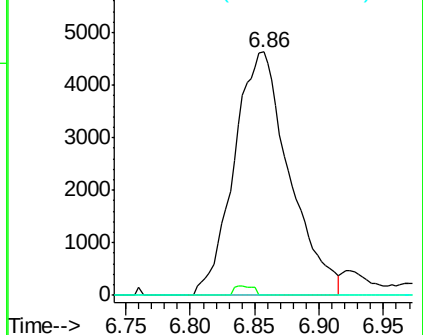


#37  
Ethyl Acetate  
Concen: 1.78 ug/l  
RT: 6.86 min Scan# 1638  
Delta R.T. -0.08 min  
Lab File: VN050028.D  
Acq: 24 Jul 2018 18:23

Tot Ion: 43 Resp: 13807  
Ion Ratio Lower Upper  
43 100  
61 1.4 11.8 17.8#  
70 0.0 8.4 12.6#

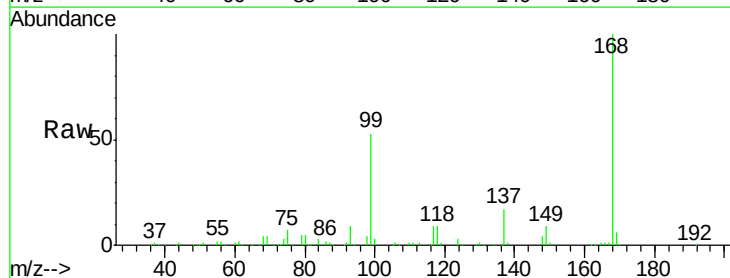


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

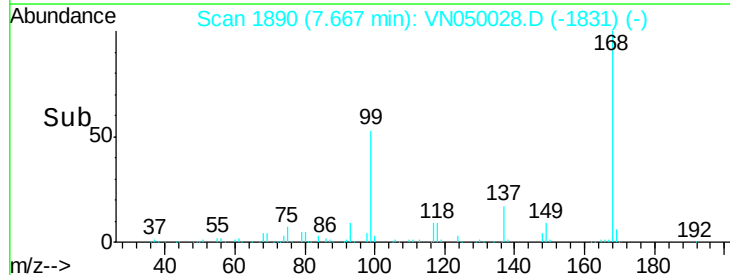
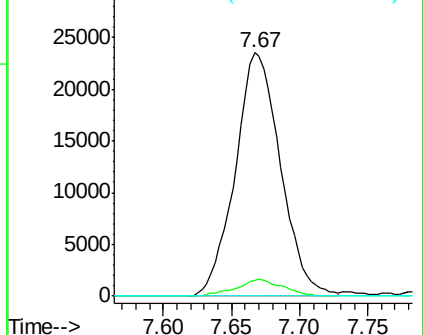


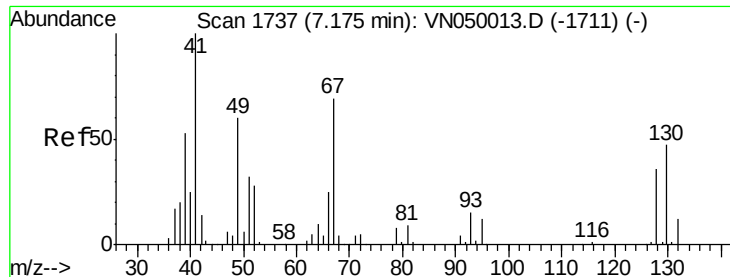
#38  
Carbon Tetrachloride  
Concen: 4.58 ug/l  
RT: 7.67 min Scan# 1890  
Delta R.T. -0.11 min  
Lab File: VN050028.D  
Acq: 24 Jul 2018 18:23

Tgt Ion: 117 Resp: 54249  
Ion Ratio Lower Upper  
117 100  
119 6.6 77.4 116.0#  
121 0.0 23.9 35.9#



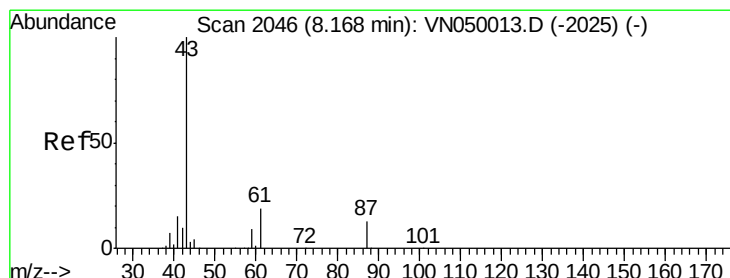
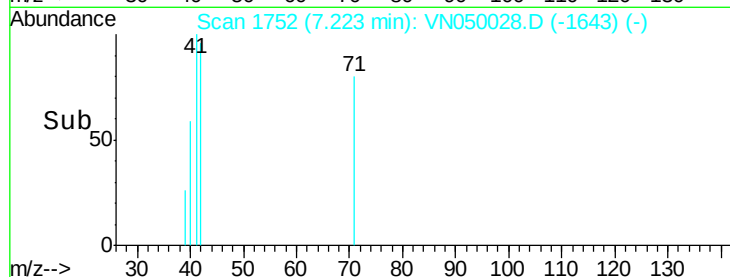
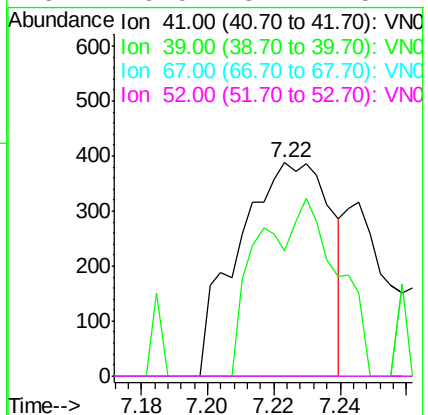
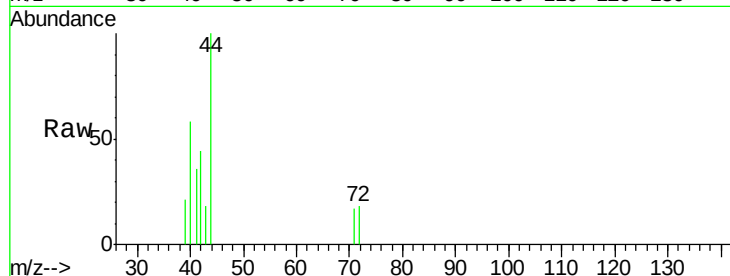
Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V





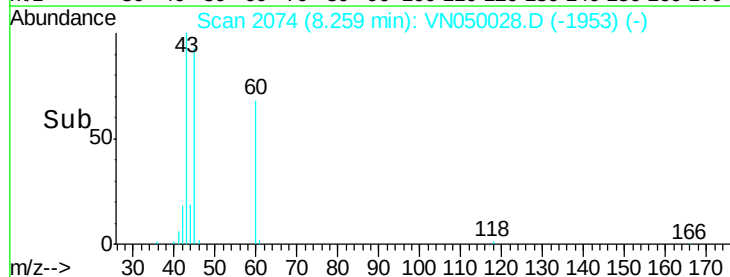
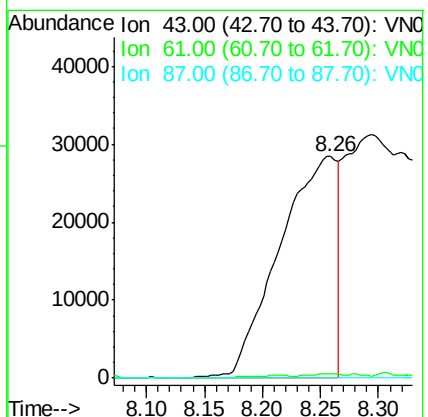
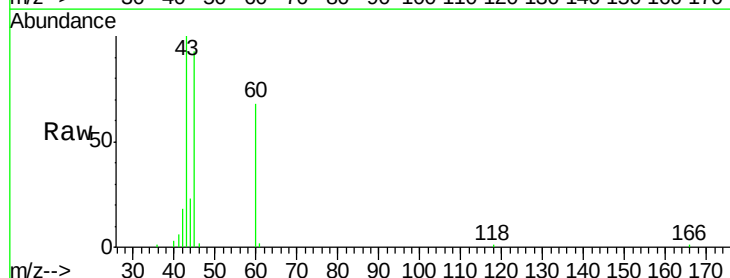
#41  
Methacrylonitrile  
Concen: 2.92 ug/l  
RT: 7.22 min Scan# 1752  
Delta R.T. 0.05 min  
Lab File: VN050028.D  
Acq: 24 Jul 2018 18:23

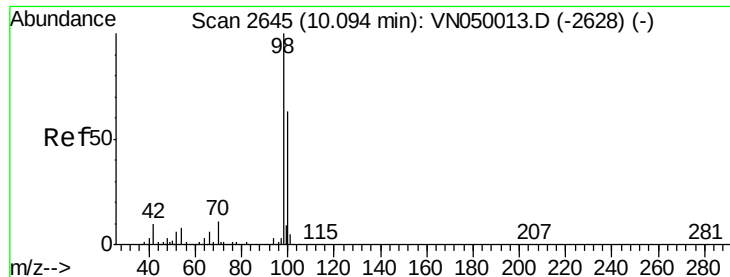
Tot Ion: 41 Resp: 751  
Ion Ratio Lower Upper  
41 100  
39 41.4 55.8 83.6#  
67 0.0 84.3 126.5#  
52 0.0 34.2 51.2#



#43  
Isopropyl Acetate  
Concen: 5.71 ug/l  
RT: 8.26 min Scan# 2074  
Delta R.T. 0.09 min  
Lab File: VN050028.D  
Acq: 24 Jul 2018 18:23

Tgt Ion: 43 Resp: 98410  
Ion Ratio Lower Upper  
43 100  
61 0.8 15.8 23.6#  
87 0.0 10.3 15.5#





#50

Toluene-d8

Concen: 45.30 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050028.D

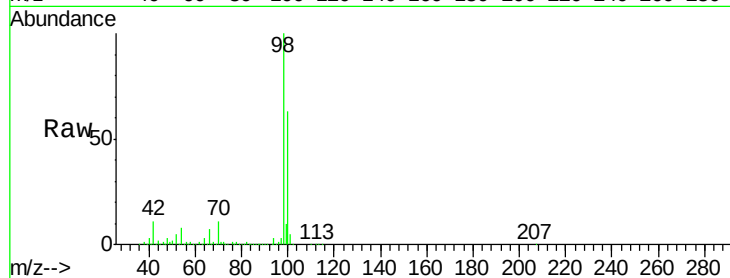
Acq: 24 Jul 2018 18:23

Tot Ion: 98 Resp: 1346167

Ion Ratio Lower Upper

98 100

100 62.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

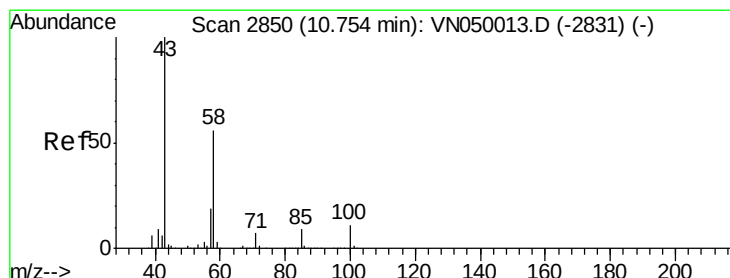
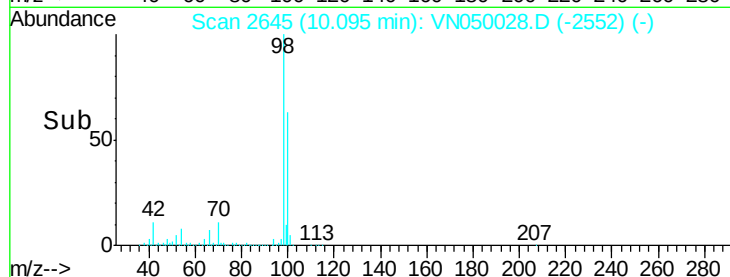
600000

400000

200000

0

Time-->



#59

2-Hexanone

Concen: 6.06 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN050028.D

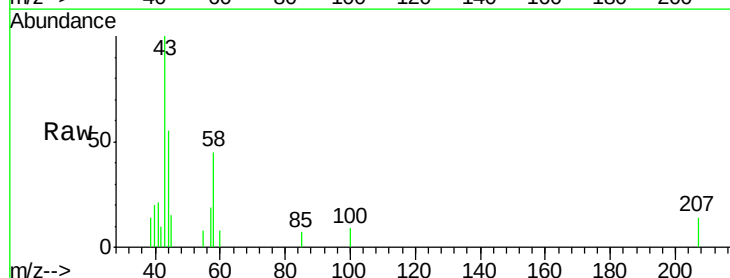
Acq: 24 Jul 2018 18:23

Tgt Ion: 43 Resp: 5082

Ion Ratio Lower Upper

43 100

58 36.3 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

3000

2500

2000

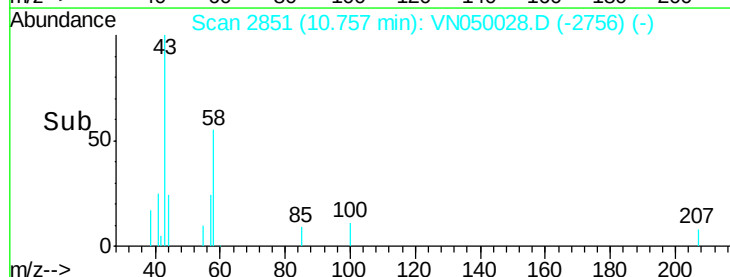
1500

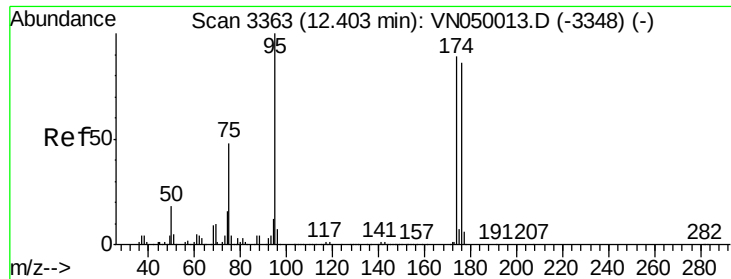
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 37.42 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN050028.D

Acq: 24 Jul 2018 18:23

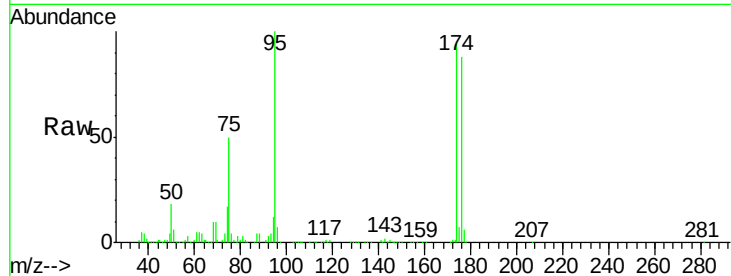
Tot Ion: 95 Resp: 366200

Ion Ratio Lower Upper

95 100

174 92.7 0.0 178.2

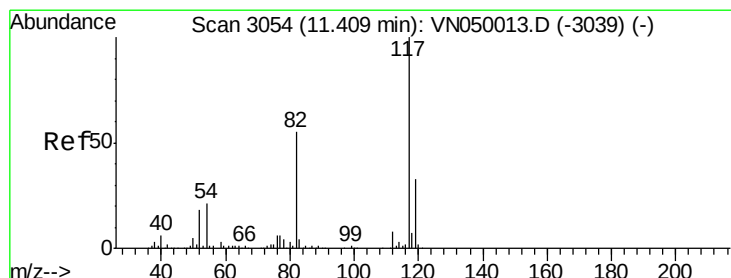
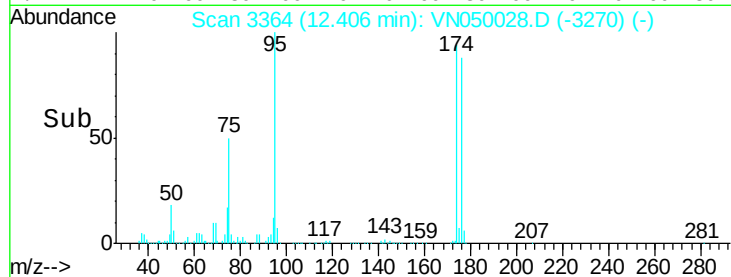
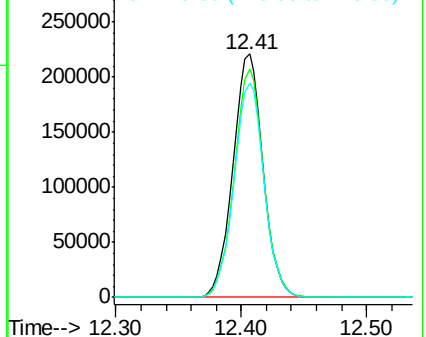
176 88.2 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050013.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050013.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050013.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050028.D

Acq: 24 Jul 2018 18:23

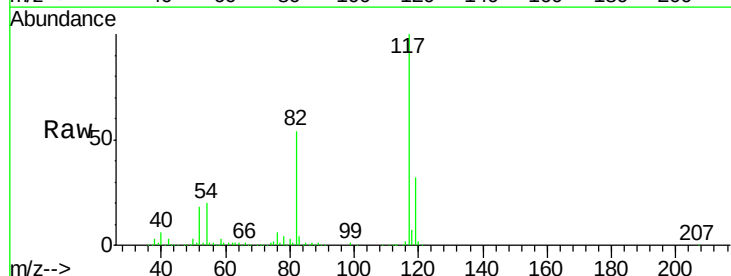
Tgt Ion: 117 Resp: 829762

Ion Ratio Lower Upper

117 100

82 53.6 43.7 65.5

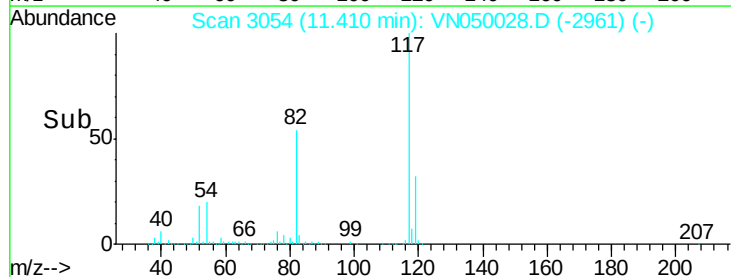
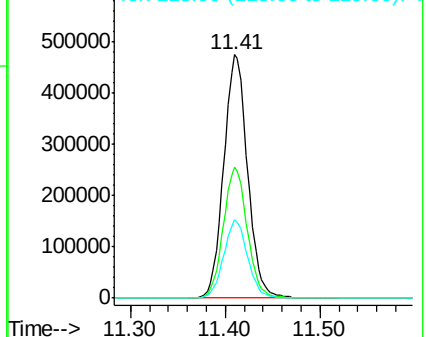
119 32.0 26.1 39.1

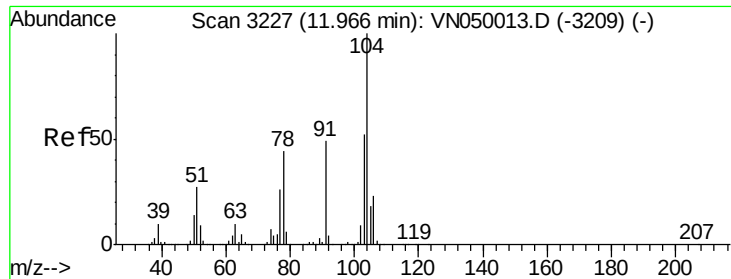


Abundance Ion 116.90 (116.60 to 117.60): VN050013.D (-3039) (-)

Ion 82.00 (81.70 to 82.70): VN050013.D (-3039) (-)

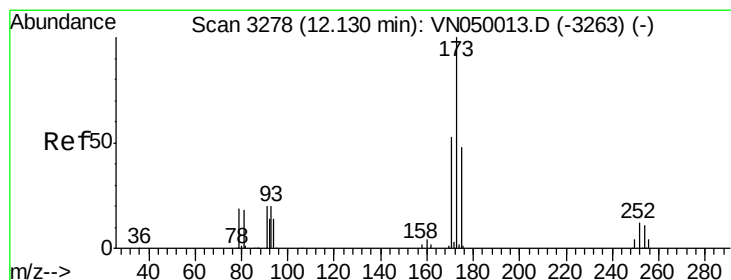
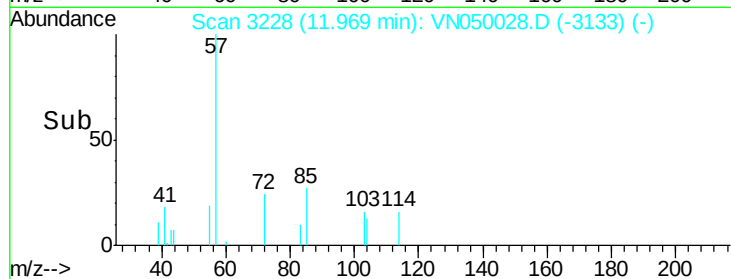
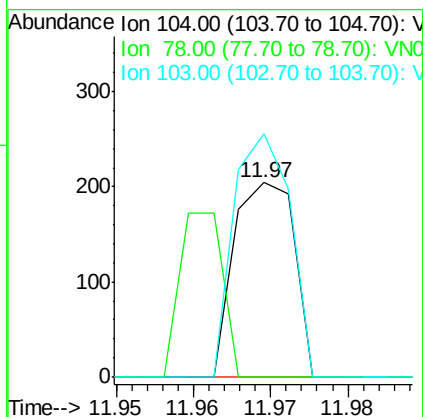
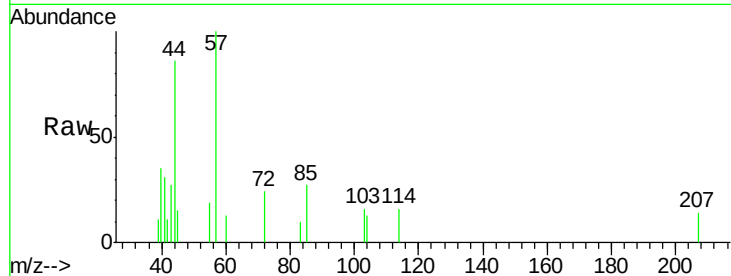
Ion 118.90 (118.60 to 119.60): VN050013.D (-3039) (-)





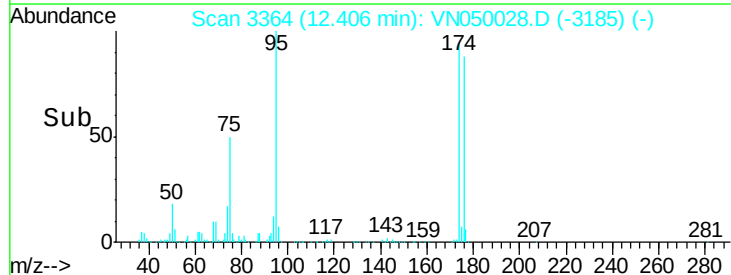
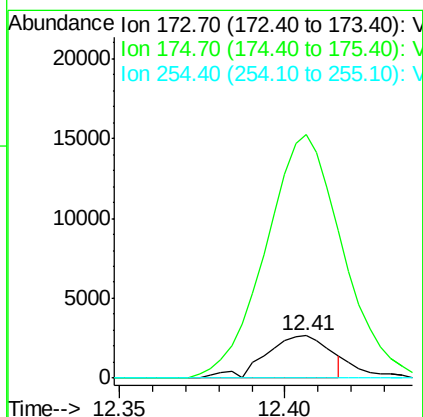
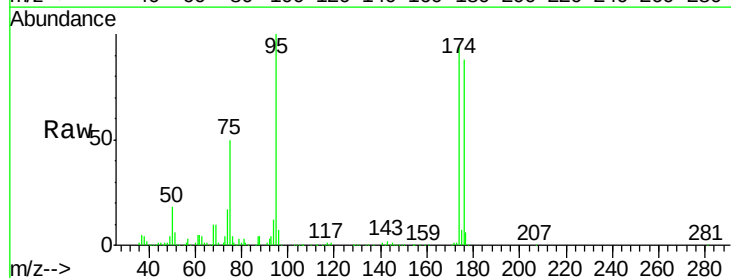
#70  
Stvrene  
Concen: 0.93 ug/l  
RT: 11.97 min Scan# 3228  
Delta R.T. 0.00 min  
Lab File: VN050028.D  
Acq: 24 Jul 2018 18:23

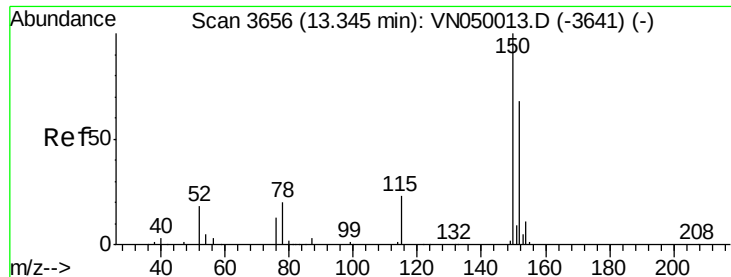
Tot Ion:104 Resp: 110  
Ion Ratio Lower Upper  
104 100  
78 60.9 39.3 58.9#  
103 118.2 45.0 67.6#



#71  
Bromoform  
Concen: 0.60 ug/l  
RT: 12.41 min Scan# 3364  
Delta R.T. 0.28 min  
Lab File: VN050028.D  
Acq: 24 Jul 2018 18:23

Tgt Ion:173 Resp: 3536  
Ion Ratio Lower Upper  
173 100  
175 594.3 24.1 72.2#  
254 0.0 0.2 0.2#

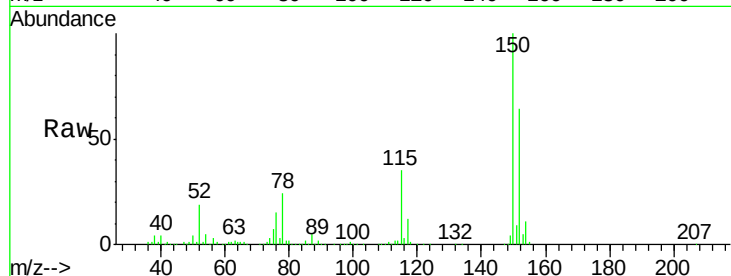




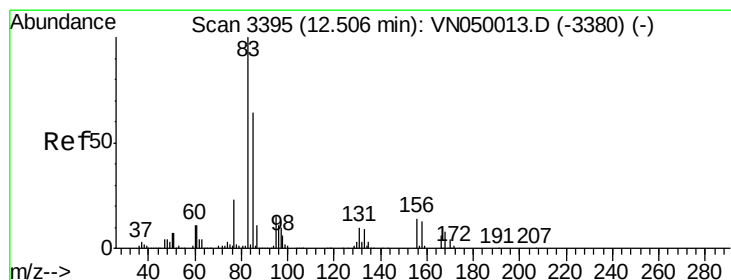
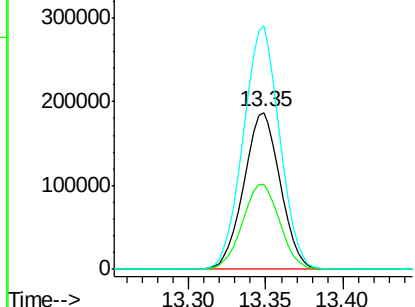
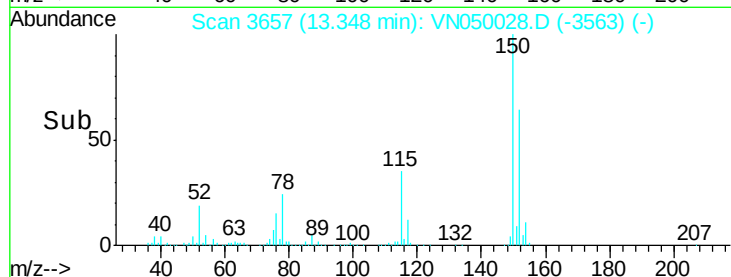
#72

1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.35 min Scan# 3657  
Delta R.T. 0.00 min  
Lab File: VN050028.D  
Acq: 24 Jul 2018 18:23

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 55.2  | 27.8  | 83.3  |
| 150     | 155.1 | 0.0   | 348.6 |



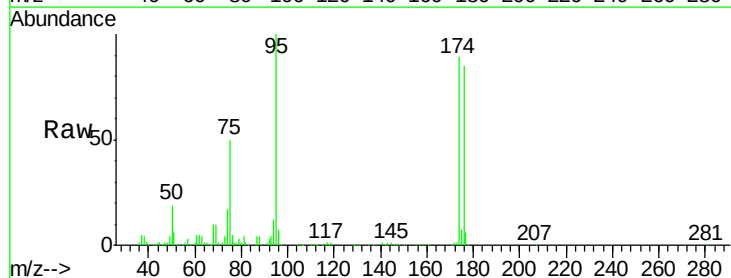
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



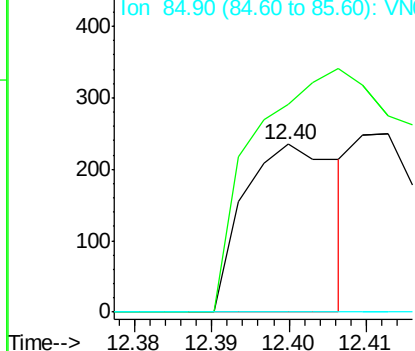
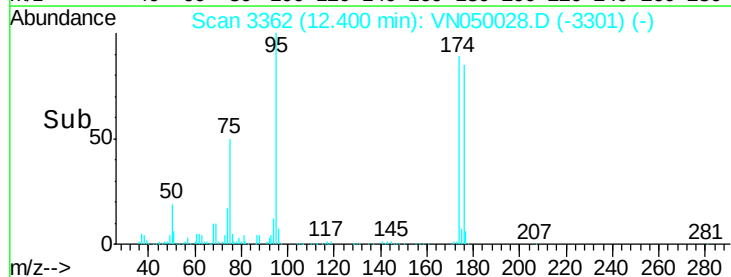
#75

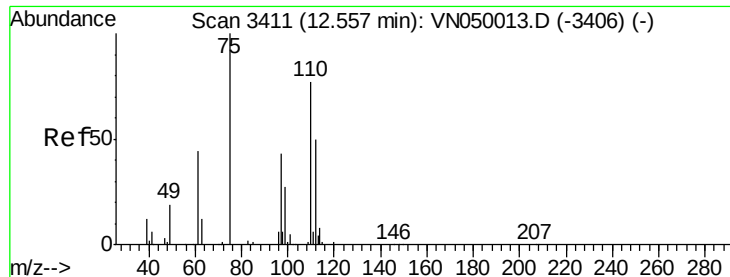
1,1,2,2-Tetrachloroethane  
Concen: Below Cal  
RT: 12.40 min Scan# 3362  
Delta R.T. -0.11 min  
Lab File: VN050028.D  
Acq: 24 Jul 2018 18:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 261.6 | 5.1   | 15.3# |
| 85      | 0.0   | 32.3  | 96.8# |



Abundance Ion 82.90 (82.60 to 83.60): VNO  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 31.84 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN050028.D

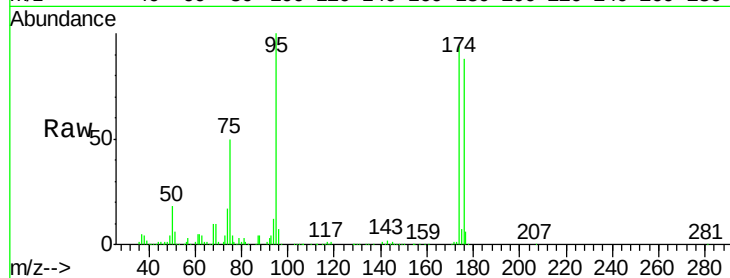
Acq: 24 Jul 2018 18:23

Tot Ion: 75 Resp: 181509

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.41

120000

100000

80000

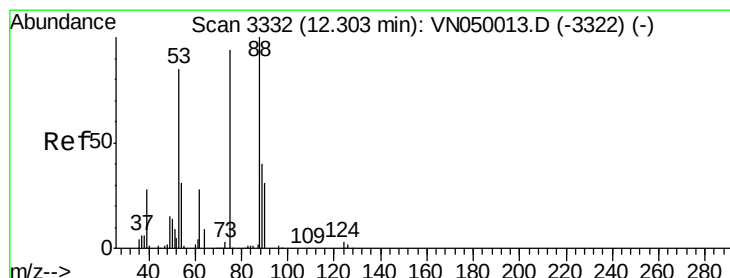
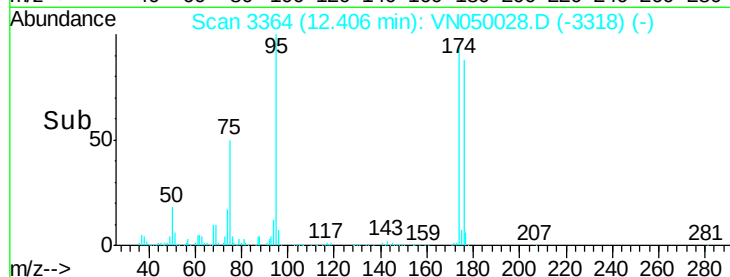
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 100.98 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN050028.D

Acq: 24 Jul 2018 18:23

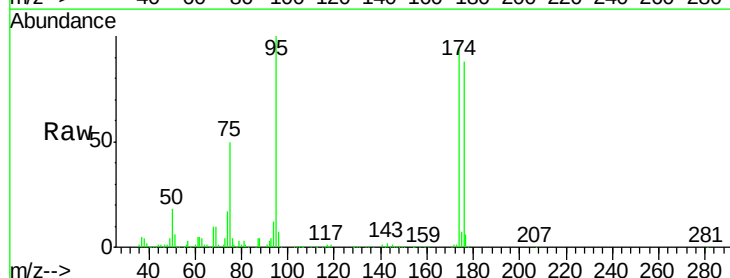
Tgt Ion: 75 Resp: 181509

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

89 0.0 36.0 54.0#



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

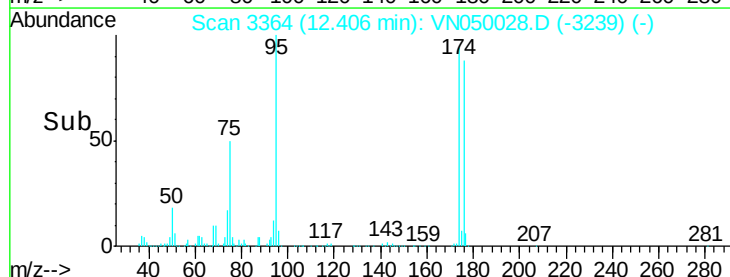
150000

100000

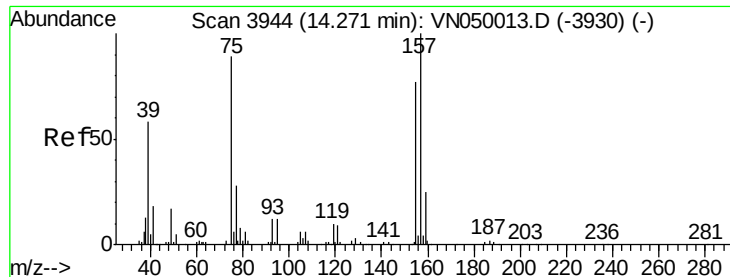
50000

0

Time-->







#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

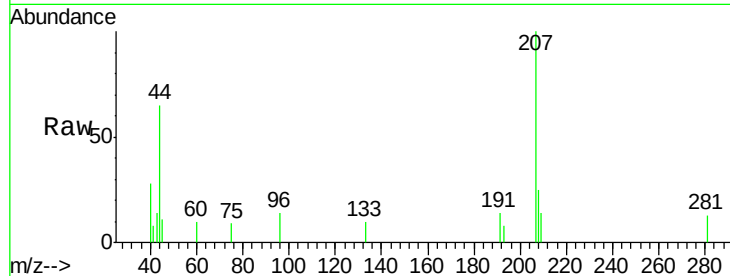
RT: 14.43 min Scan# 3993

Delta R.T. 0.16 min

Lab File: VN050028.D

Acq: 24 Jul 2018 18:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 75    | Resp: | 31     |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 155      | 0.0   | 44.8  | 134.4# |
| 157      | 0.0   | 57.2  | 171.6# |



Abundance Ion 74.90 (74.60 to 75.60): VN050013.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050013.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050013.D (-3930) (-)

14.43

14.42

14.43

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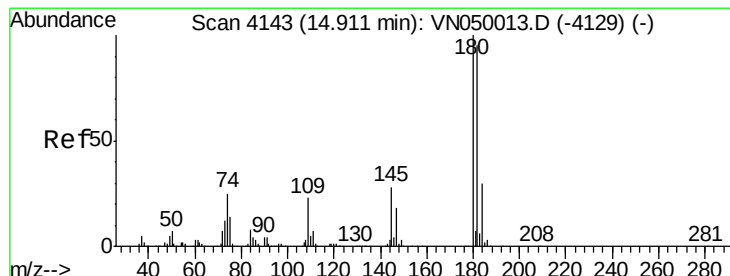
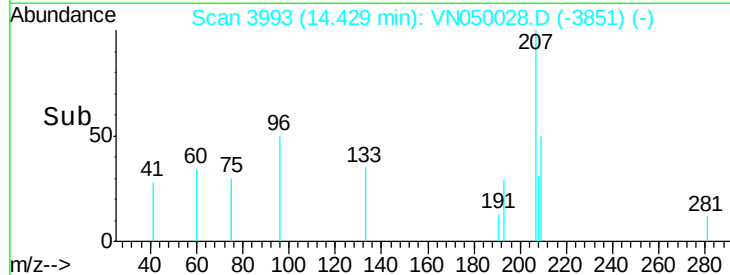
14.43

14.43

14.43

14.43

14.43



#93

1,2,4-Trichlorobenzene

Concen: 3.10 ug/l

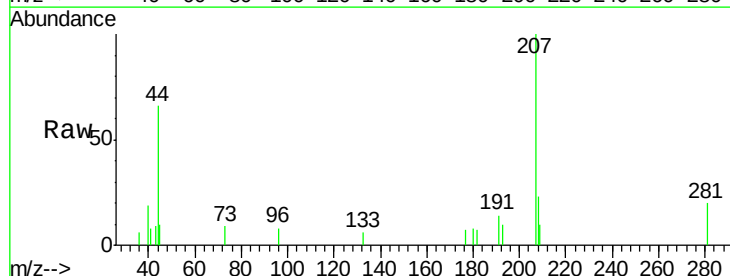
RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050028.D

Acq: 24 Jul 2018 18:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 100   |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 93.0  | 46.7  | 140.1 |
| 145      | 0.0   | 13.8  | 41.4# |



Abundance Ion 179.80 (179.50 to 180.50): VN050013.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN050013.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN050013.D (-4129) (-)

14.91

14.91

14.91

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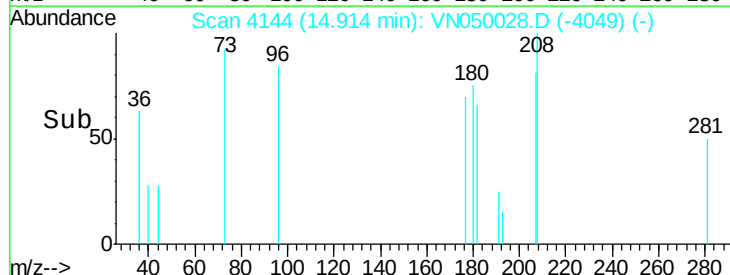
14.91

14.91

14.91

14.91

14.91



Abundance Ion 179.80 (179.50 to 180.50): VN050028.D (-4049) (-)

Ion 181.80 (181.50 to 182.50): VN050028.D (-4049) (-)

Ion 144.80 (144.50 to 145.50): VN050028.D (-4049) (-)

14.91

14.91

14.91

14.91

14.91

14.91

14.91

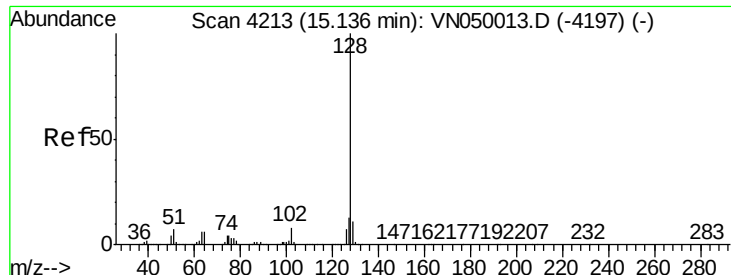
14.91

14.91

14.91

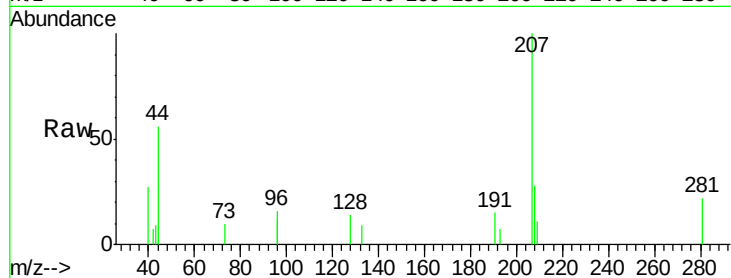
14.91

14.91



#95  
 Naphthalene  
 Concen: 4.44 ug/l  
 RT: 15.13 min Scan# 4212  
 Delta R.T. -0.00 min  
 Lab File: VN050028.D  
 Acq: 24 Jul 2018 18:23

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 0.0   | 10.4  | 15.6# |
| 129     | 0.0   | 8.8   | 13.2# |



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

