

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\  
 Data File : VN050658.D  
 Acq On : 15 Aug 2018 16:28  
 Operator : MD\SY  
 Sample : J4465-14  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 951-MW-18(21.5)

Quant Time: Aug 16 01:30:30 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 14 08:07:08 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 619761   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 955383   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 833764   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 292940   | 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   | 420005   | 53.76 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.52% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 389841   | 51.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.22% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1364170  | 47.52 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.04%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 360182   | 37.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 75.96%  |          |

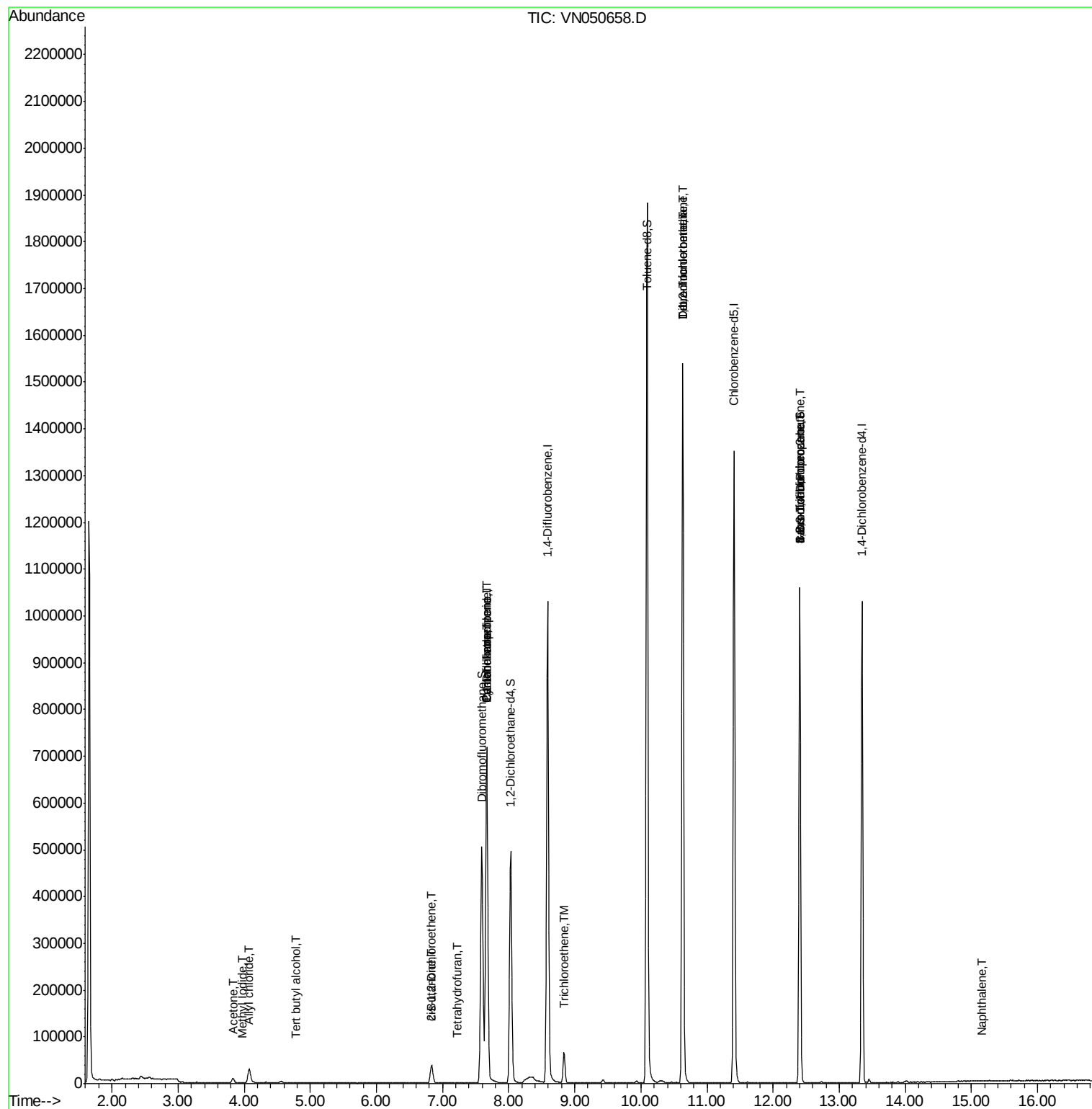
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 3) Chloromethane               | 2.06  | 50   | 2479     | Below Cal | #     | 88     |
| 5) Bromomethane                | 2.57  | 94   | 2806     | Below Cal | #     | 65     |
| 6) Chloroethane                | 2.71  | 64   | 127      | Below Cal | #     | 43     |
| 10) Methyl Iodide              | 3.97  | 142  | 854      | 7.09      | ug/l  | # 42   |
| 11) Tert butyl alcohol         | 4.79  | 59   | 118      | 0.28      | ug/l  | # 72   |
| 14) Allyl chloride             | 4.08  | 41   | 5895     | 0.56      | ug/l  | # 69   |
| 16) Acetone                    | 3.83  | 43   | 17380    | 7.50      | ug/l  | 95     |
| 18) Methyl Acetate             | 4.34  | 43   | 1777     | Below Cal | #     | 81     |
| 20) Methylene Chloride         | 4.54  | 84   | 1425     | Below Cal |       | 94     |
| 25) 2-Butanone                 | 6.83  | 43   | 1077     | 0.34      | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene     | 6.83  | 96   | 23731    | 2.92      | ug/l  | 92     |
| 29) Tetrahydrofuran            | 7.23  | 42   | 588      | 0.35      | ug/l  | # 49   |
| 31) Cyclohexane                | 7.67  | 56   | 11595    | 0.64      | ug/l  | # 1    |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 42268    | 3.97      | ug/l  | # 49   |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 55968    | 5.07      | ug/l  | # 16   |
| 44) Trichloroethene            | 8.84  | 130  | 25518    | 2.94      | ug/l  | 96     |
| 55) 1,1,2-Trichloroethane      | 10.63 | 97   | 2652     | 0.37      | ug/l  | # 1    |
| 60) Dibromochloromethane       | 10.63 | 129  | 338193   | 42.46     | ug/l  | # 10   |
| 64) Tetrachloroethene          | 10.63 | 164  | 391438   | 50.55     | ug/l  | 99     |
| 71) Bromoform                  | 12.40 | 173  | 3735     | 0.72      | ug/l  | # 1    |
| 75) 1,1,2,2-Tetrachloroethane  | 12.40 | 83   | 165      | Below Cal | #     | 1      |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 172893   | 36.25     | ug/l  | # 100  |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 172893   | 131.21    | ug/l  | # 13   |
| 95) Naphthalene                | 15.15 | 128  | 62       | 3.87      | ug/l  | # 69   |

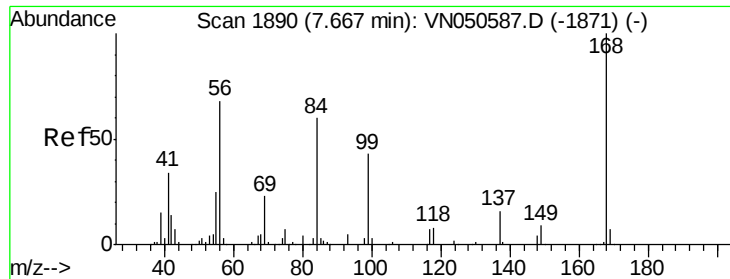
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Aug 14 08:07:08 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: VN050658.D

Acq: 15 Aug 2018 16:28

Instrument :

MSVOA\_N

ClientSampleId :

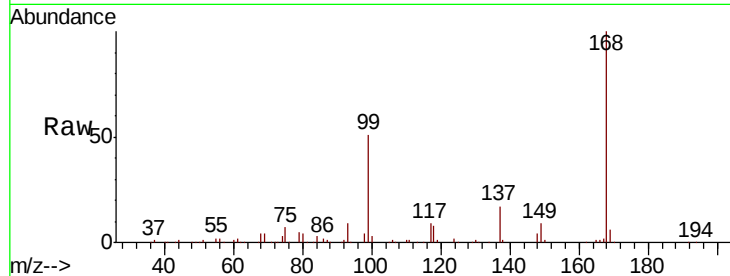
951-MW-18(21.5)

Tot Ion:168 Resp: 619761

Ion Ratio Lower Upper

168 100

99 50.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050658.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050658.D (-1797) (-)

7.67

250000

200000

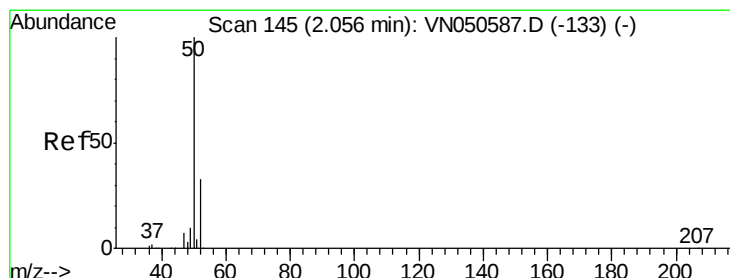
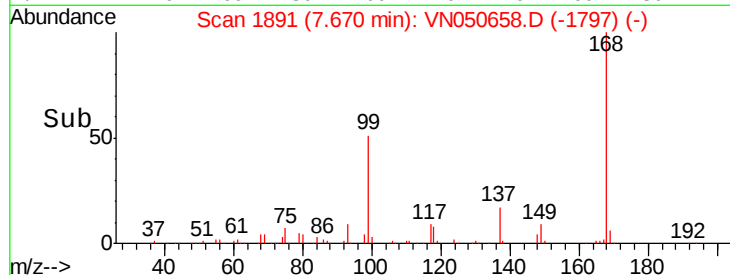
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050658.D

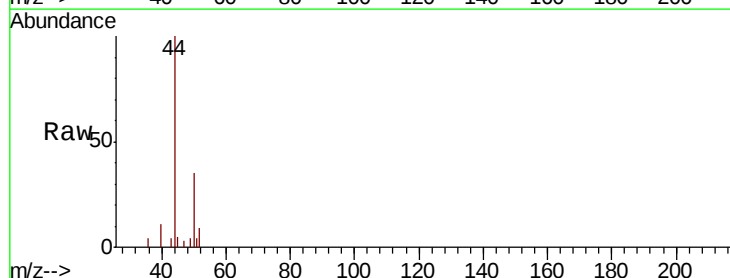
Acq: 15 Aug 2018 16:28

Tgt Ion: 50 Resp: 2479

Ion Ratio Lower Upper

50 100

52 25.5 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN050658.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN050658.D (-52) (-)

2.06

2000

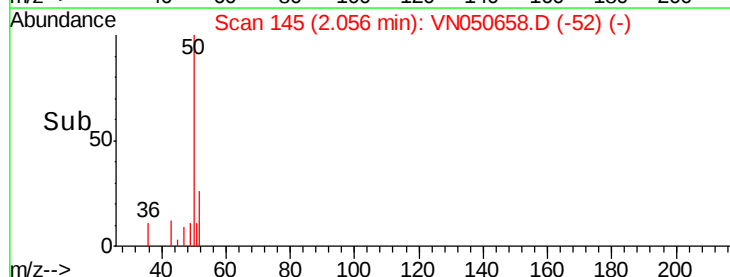
1500

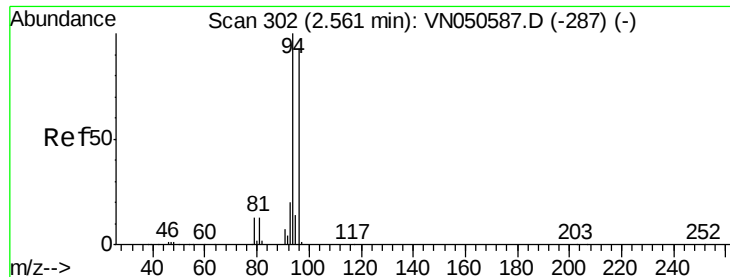
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

Instrument :

MSVOA\_N

ClientSampleId :

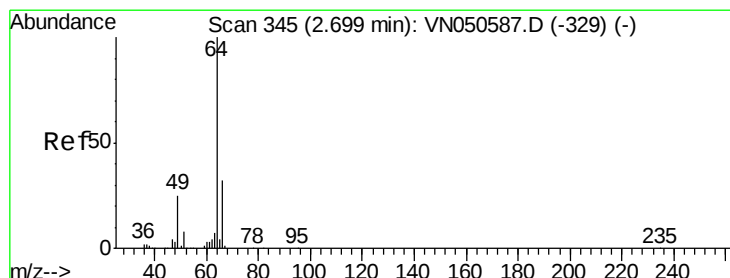
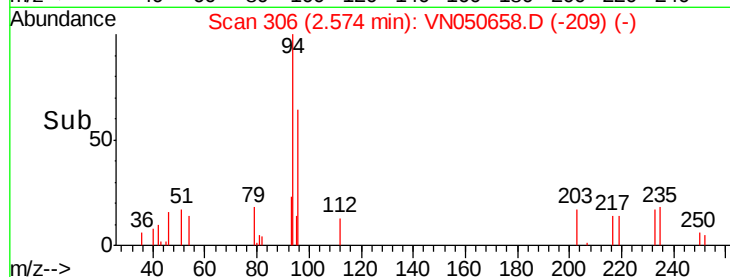
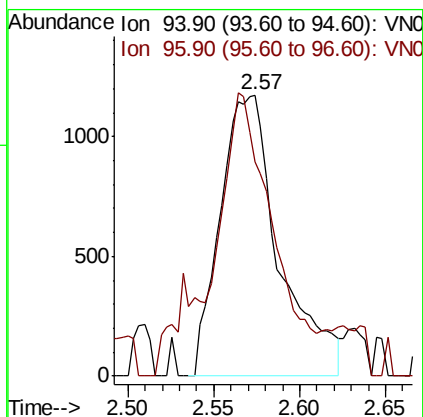
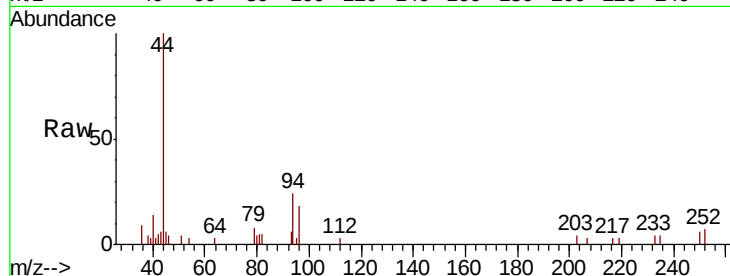
951-MW-18(21.5)

Tot Ion: 94 Resp: 2806

Ion Ratio Lower Upper

94 100

96 59.1 74.0 111.0#



#6

Chloroethane

Concen: Below Cal

RT: 2.71 min Scan# 347

Delta R.T. 0.01 min

Lab File: VN050658.D

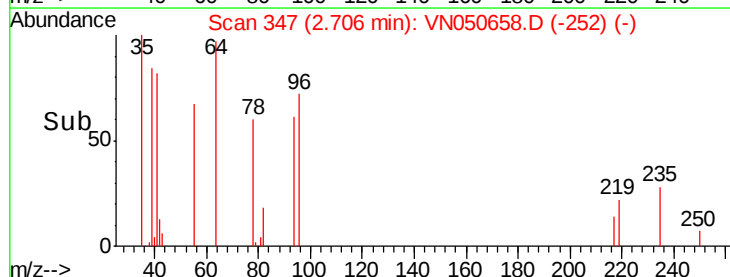
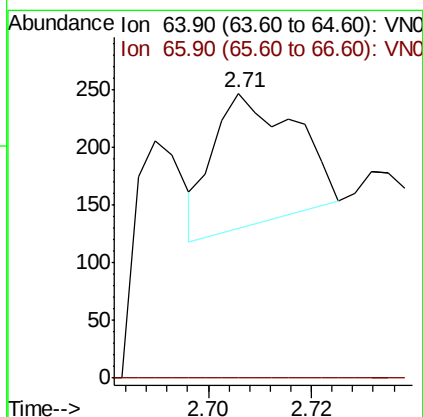
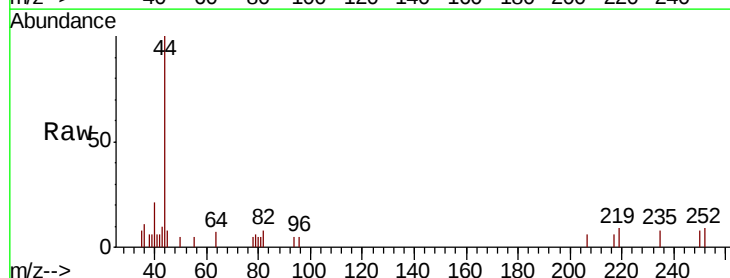
Acq: 15 Aug 2018 16:28

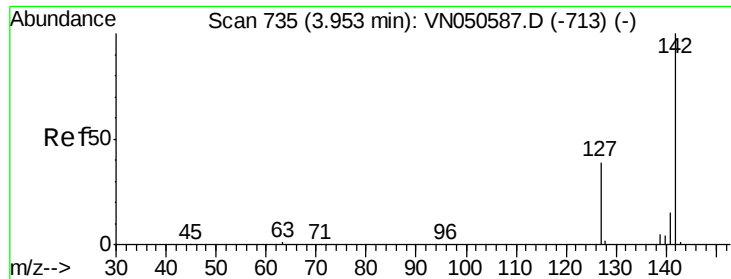
Tgt Ion: 64 Resp: 127

Ion Ratio Lower Upper

64 100

66 0.0 25.7 38.5#

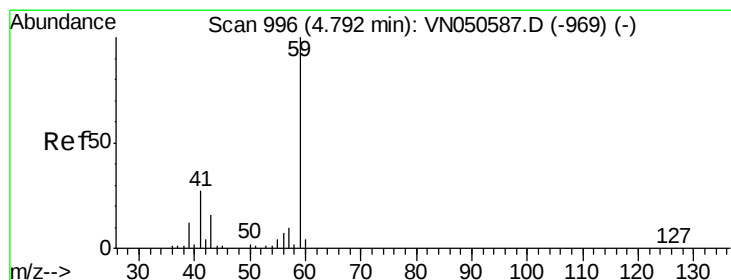
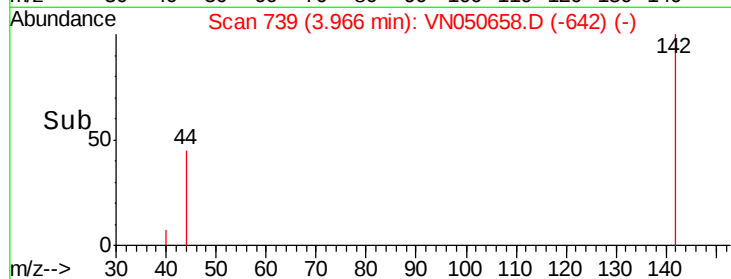
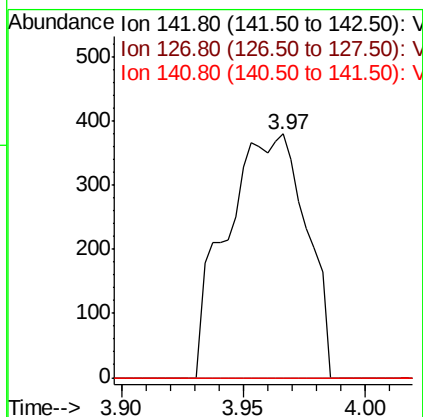
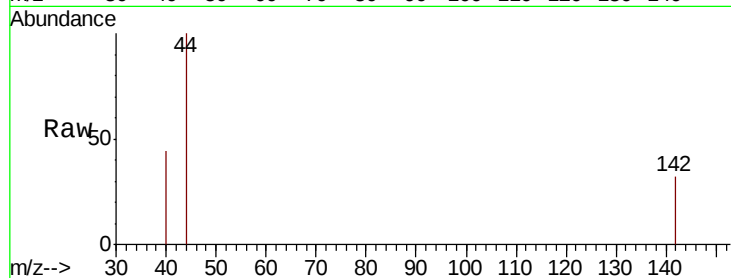




#10  
Methyl Iodide  
Concen: 7.09 ug/l  
RT: 3.97 min Scan# 739  
Delta R.T. 0.01 min  
Lab File: VN050658.D  
Acq: 15 Aug 2018 16:28

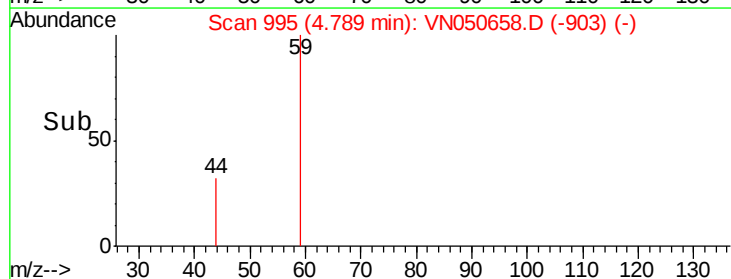
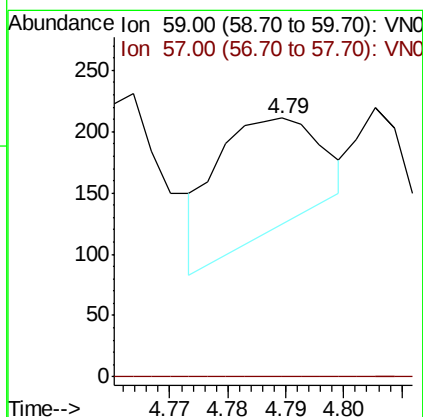
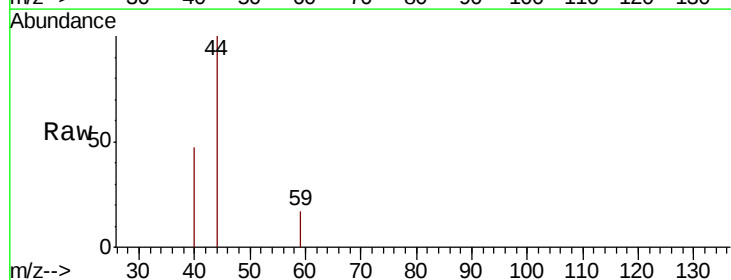
Instrument :  
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951-MW-18(21.5)

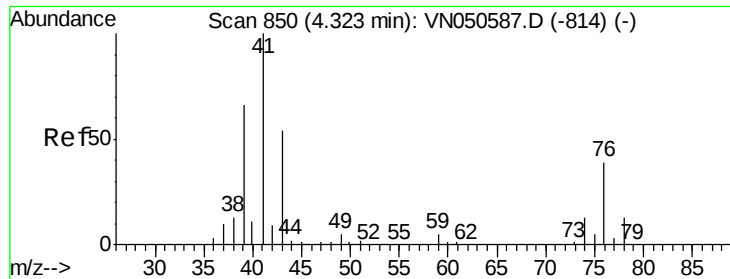
Tot Ion:142 Resp: 854  
Ion Ratio Lower Upper  
142 100  
127 0.0 32.6 49.0#  
141 0.0 11.5 17.3#



#11  
Tert butyl alcohol  
Concen: 0.28 ug/l  
RT: 4.79 min Scan# 995  
Delta R.T. -0.00 min  
Lab File: VN050658.D  
Acq: 15 Aug 2018 16:28

Tgt Ion: 59 Resp: 118  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.4 12.6#





#14

Allvl chloride

Concen: 0.56 ug/l

RT: 4.08 min Scan# 773

Delta R.T. -0.25 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

Instrument :

MSVOA\_N

ClientSampleId :

951-MW-18(21.5)

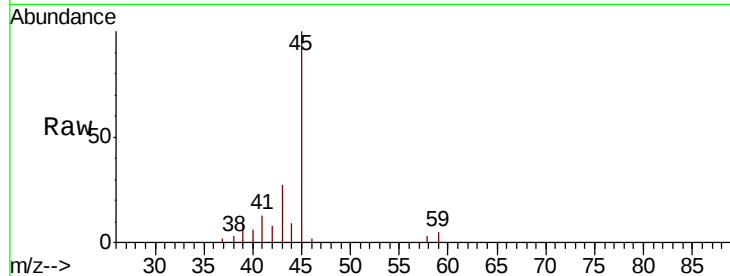
Tot Ion: 41 Resp: 5895

Ion Ratio Lower Upper

41 100

39 74.1 51.4 77.0

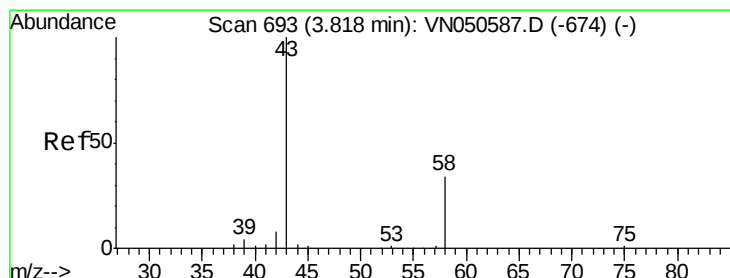
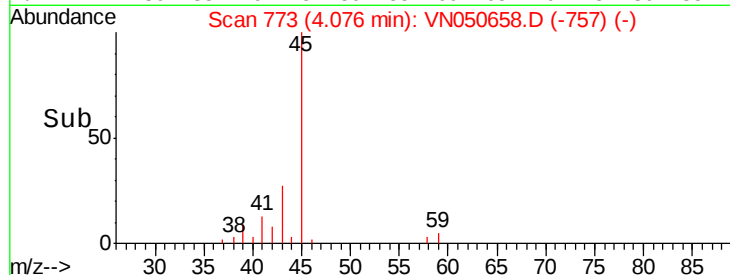
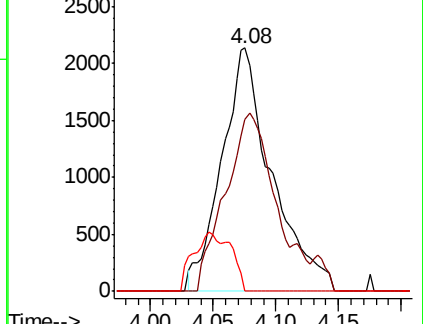
76 0.0 29.4 44.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 7.50 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050658.D

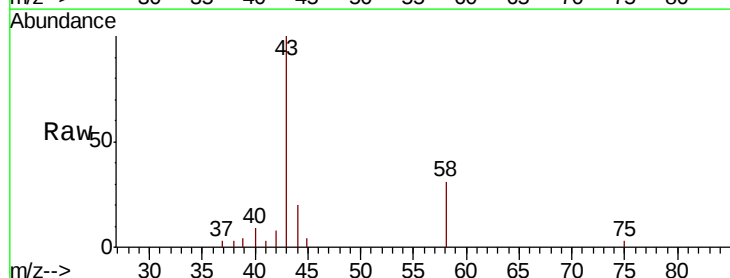
Acq: 15 Aug 2018 16:28

Tgt Ion: 43 Resp: 17380

Ion Ratio Lower Upper

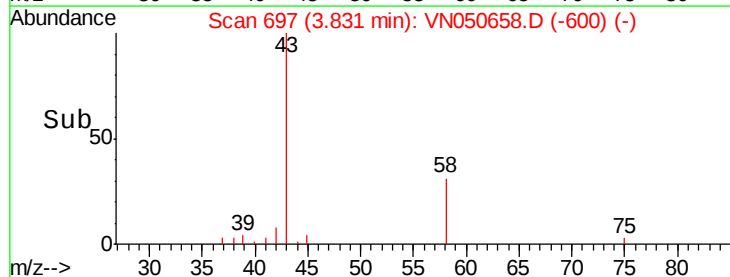
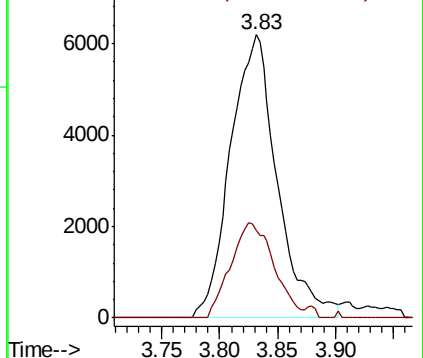
43 100

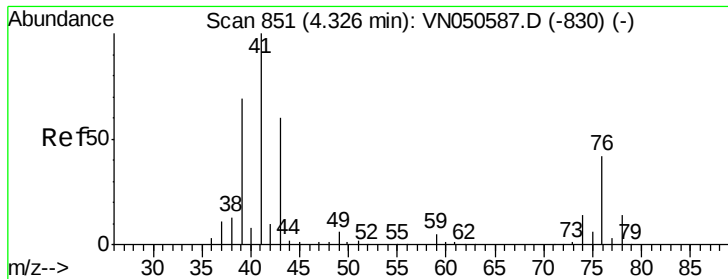
58 30.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

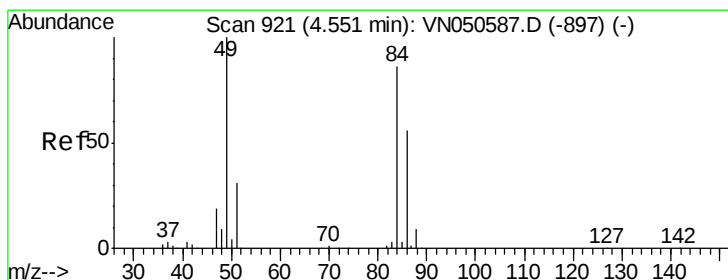
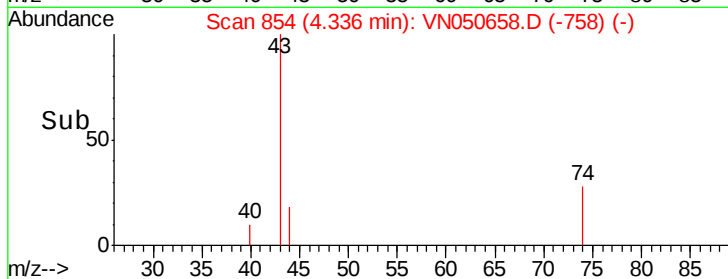
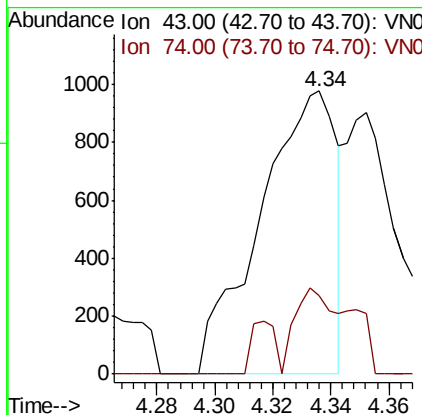
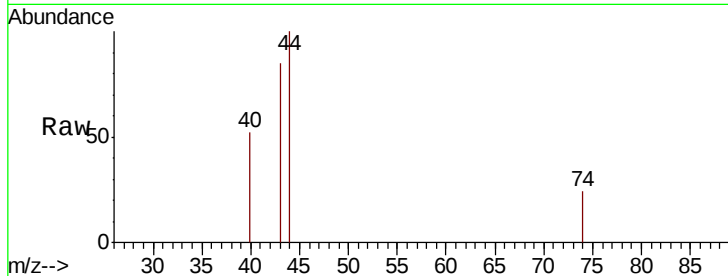




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.34 min Scan# 854  
Delta R.T. 0.01 min  
Lab File: VN050658.D  
Acq: 15 Aug 2018 16:28

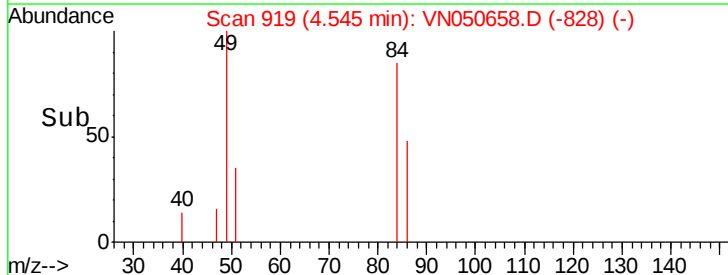
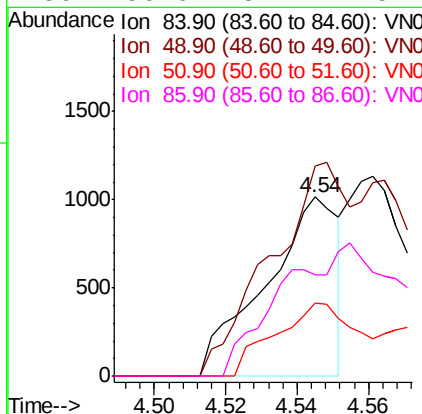
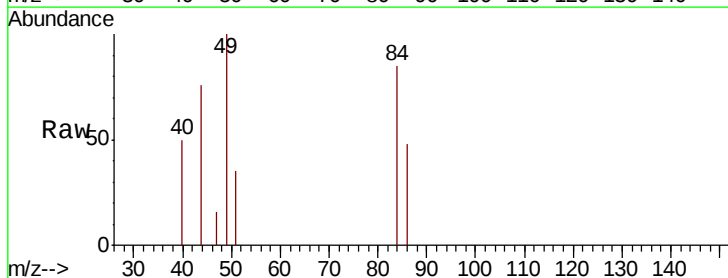
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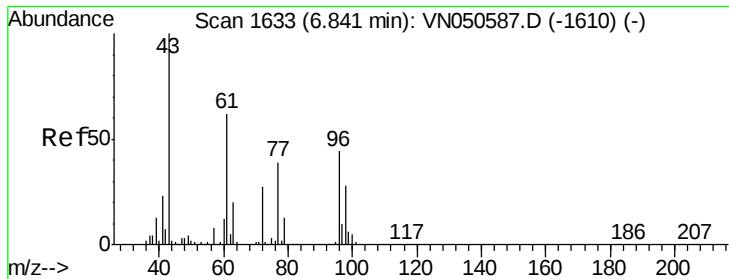
Tot Ion: 43 Resp: 1777  
Ion Ratio Lower Upper  
43 100  
74 15.4 19.7 29.5#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.54 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: VN050658.D  
Acq: 15 Aug 2018 16:28

Tgt Ion: 84 Resp: 1425  
Ion Ratio Lower Upper  
84 100  
49 117.6 92.6 138.8  
51 40.6 28.6 43.0  
86 56.6 52.2 78.2





#25

2-Butanone

Concen: 0.34 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. -0.01 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

Instrument :

MSVOA\_N

ClientSampleId :

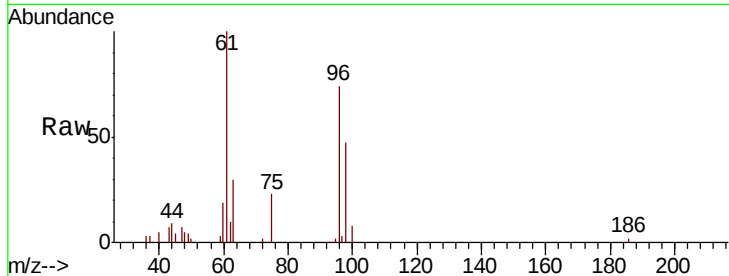
951-MW-18(21.5)

Tot Ion: 43 Resp: 1077

Ion Ratio Lower Upper

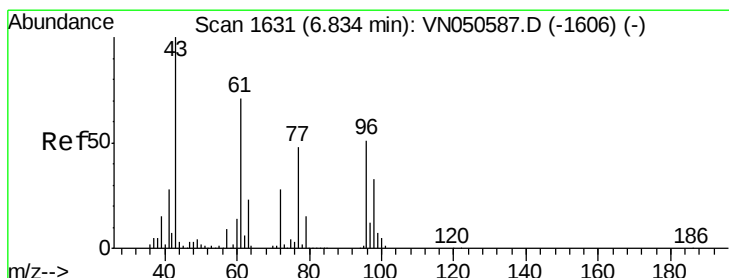
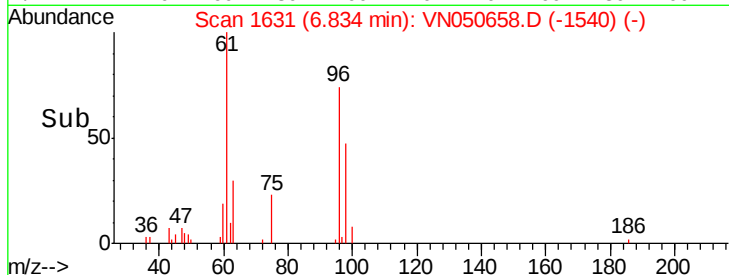
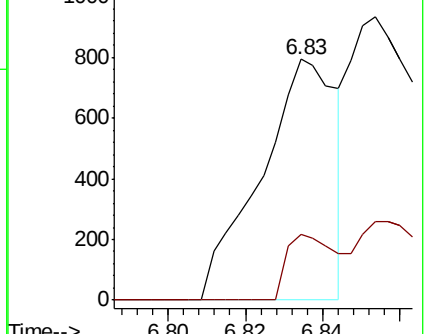
43 100

72 27.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 2.92 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

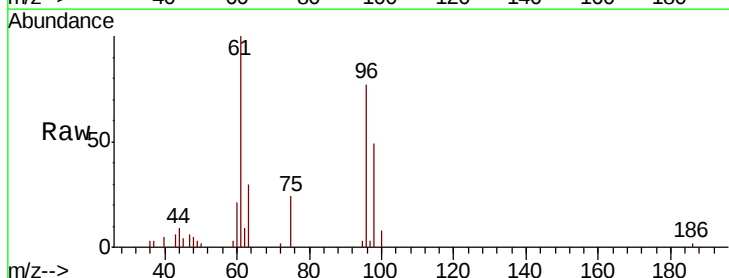
Tgt Ion: 96 Resp: 23731

Ion Ratio Lower Upper

96 100

61 126.1 0.0 278.2

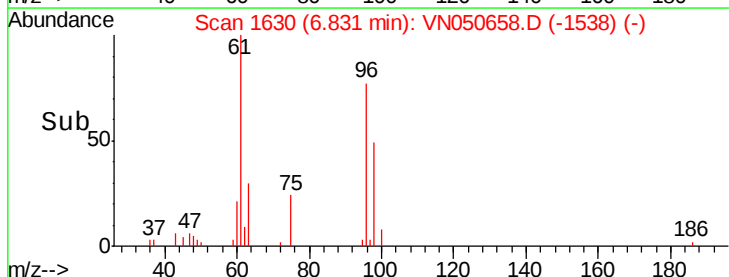
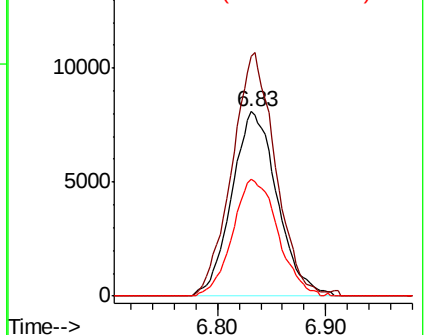
98 63.1 0.0 128.8

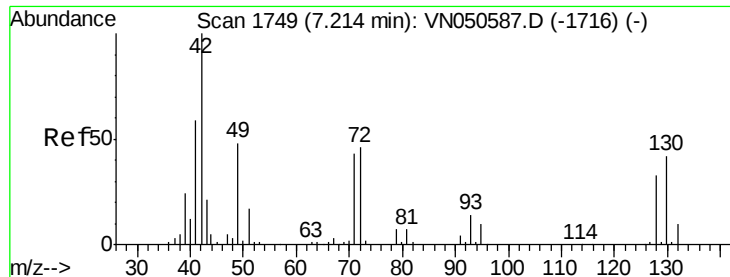


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#29

Tetrahydrofuran

Concen: 0.35 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

Instrument :

MSVOA\_N

ClientSampleId :

951-MW-18(21.5)

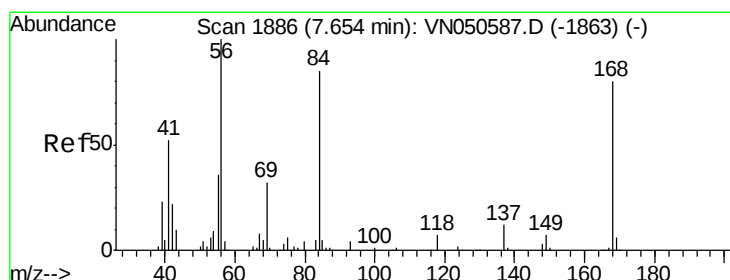
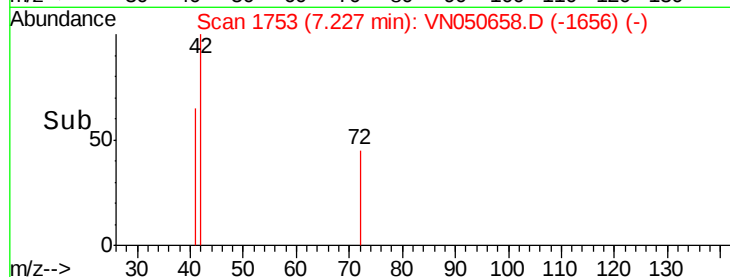
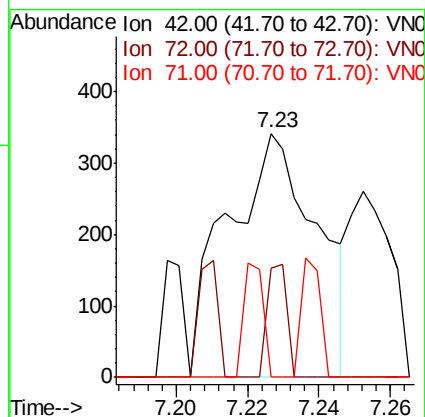
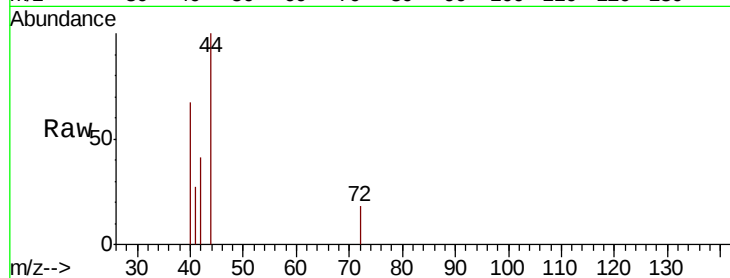
Tot Ion: 42 Resp: 588

Ion Ratio Lower Upper

42 100

72 10.2 35.8 53.6#

71 10.4 33.4 50.0#



#31

Cyclohexane

Concen: 0.64 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

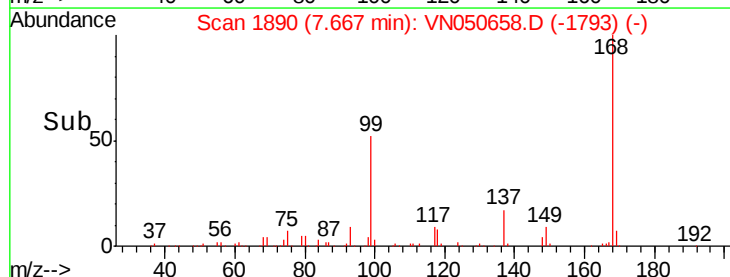
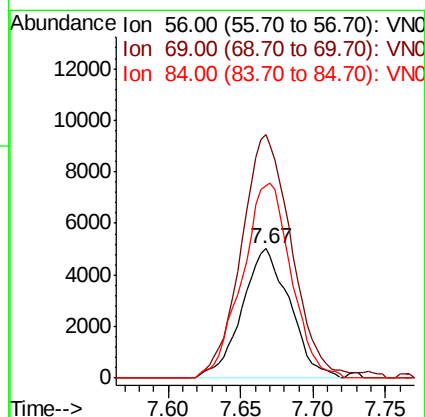
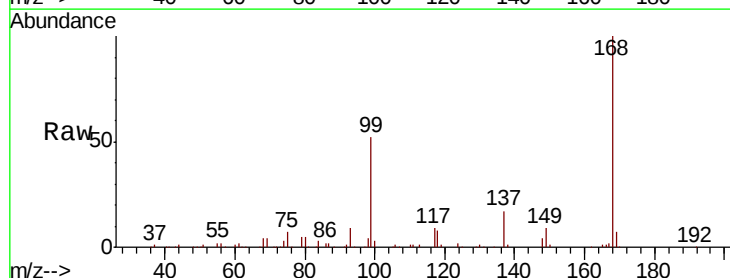
Tgt Ion: 56 Resp: 11595

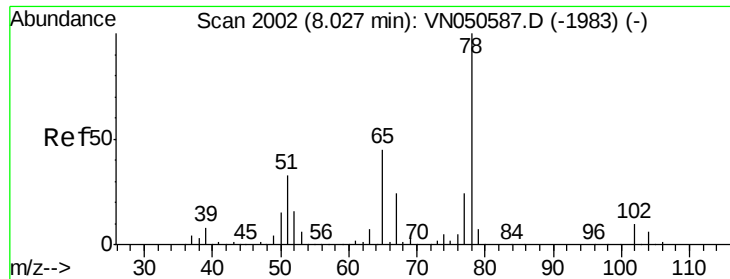
Ion Ratio Lower Upper

56 100

69 187.8 25.8 38.6#

84 148.5 67.8 101.6#

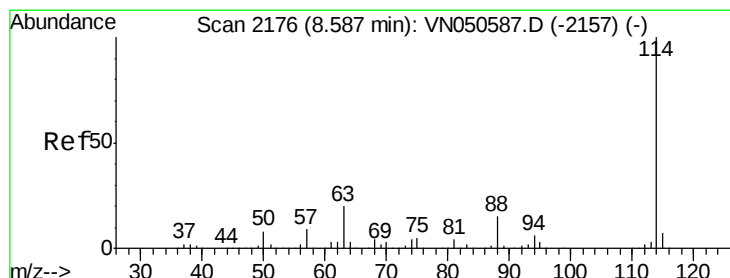
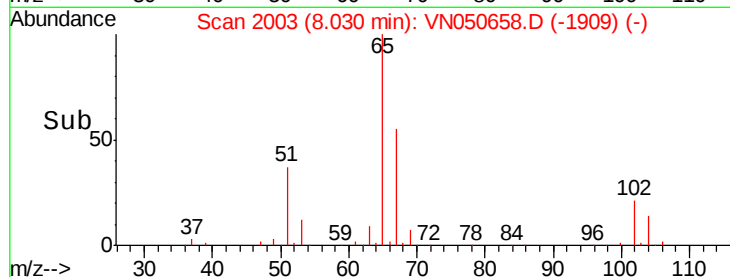
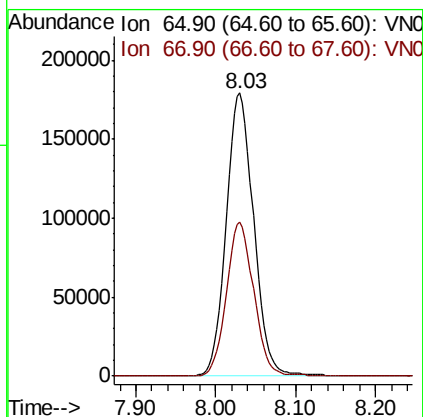
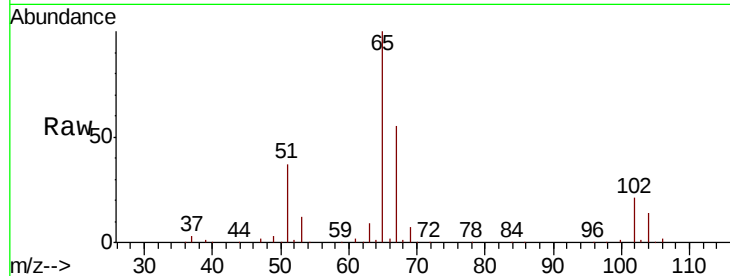




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.76 ug/l  
 RT: 8.03 min Scan# 2003  
 Delta R.T. 0.00 min  
 Lab File: VN050658.D  
 Acq: 15 Aug 2018 16:28

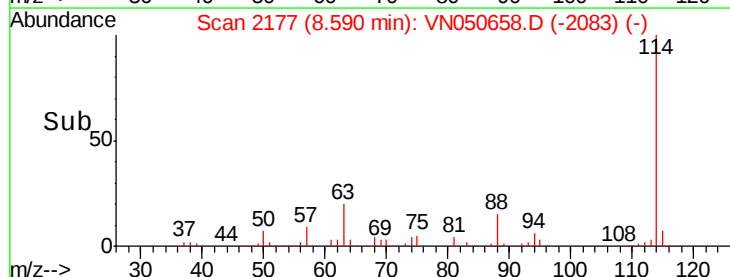
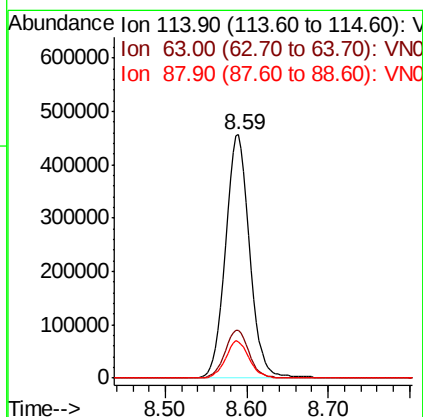
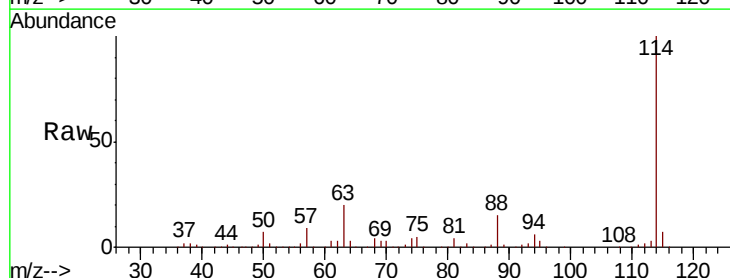
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 951-MW-18(21.5)

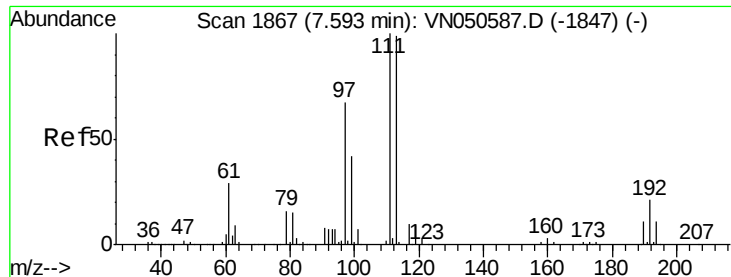
Tot Ion: 65 Resp: 420005  
 Ion Ratio Lower Upper  
 65 100  
 67 54.1 0.0 109.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2177  
 Delta R.T. 0.00 min  
 Lab File: VN050658.D  
 Acq: 15 Aug 2018 16:28

Tgt Ion: 114 Resp: 955383  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 40.0  
 88 14.9 0.0 30.8

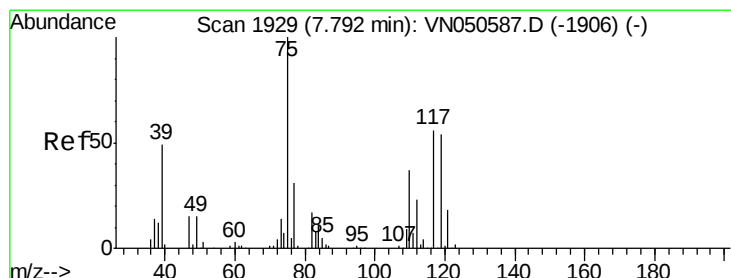
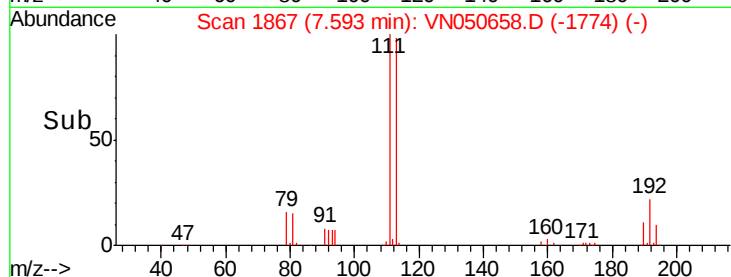
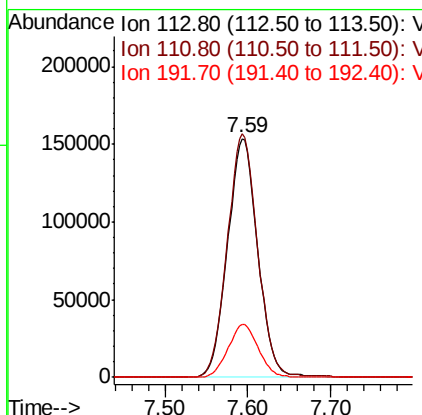
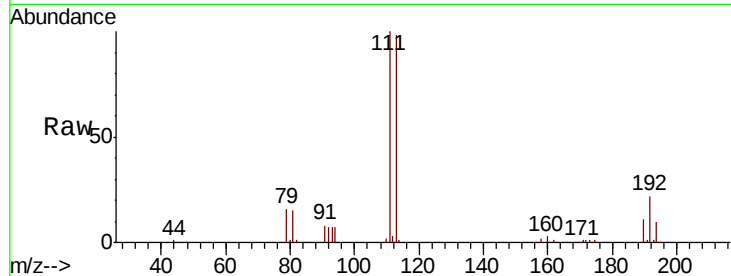




#35  
 Dibromofluoromethane  
 Concen: 51.11 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN050658.D  
 Acq: 15 Aug 2018 16:28

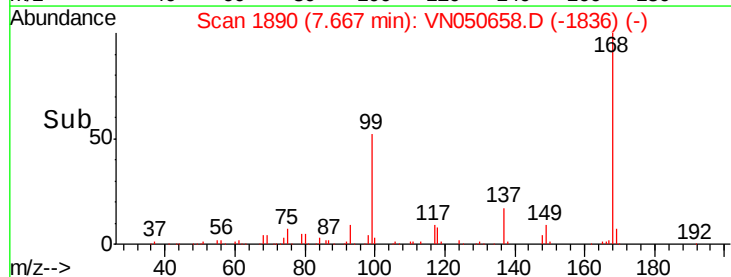
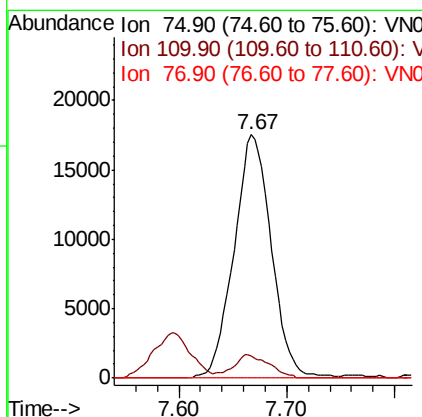
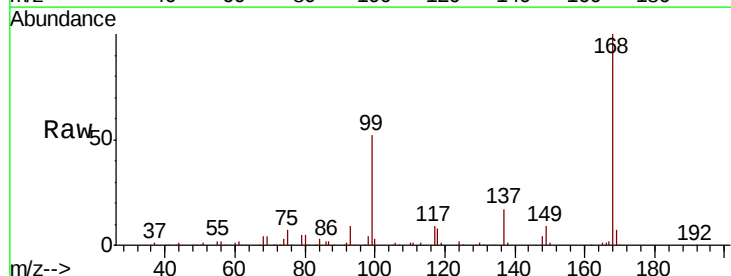
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 951-MW-18(21.5)

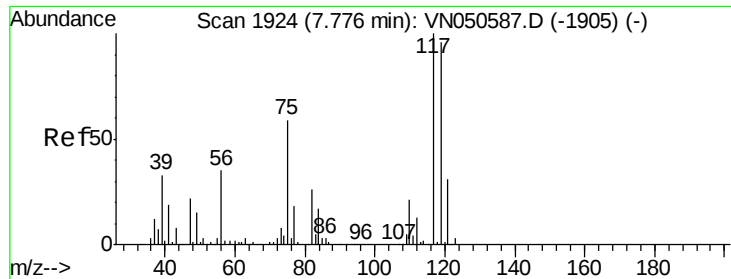
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.2 | 81.0  | 121.6 |
| 192     | 22.3  | 17.6  | 26.4  |



#36  
 1,1-Dichloropropene  
 Concen: 3.97 ug/l  
 RT: 7.67 min Scan# 1890  
 Delta R.T. -0.13 min  
 Lab File: VN050658.D  
 Acq: 15 Aug 2018 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.2   | 18.3  | 54.9# |
| 77      | 0.0   | 25.0  | 37.4# |

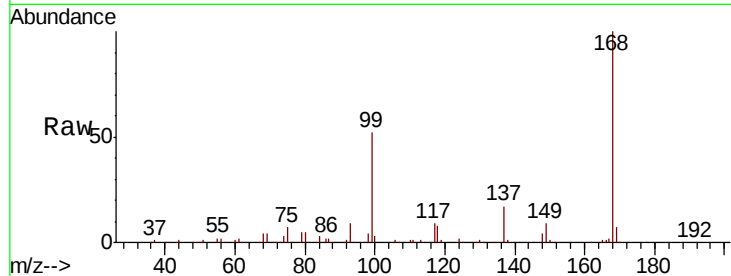




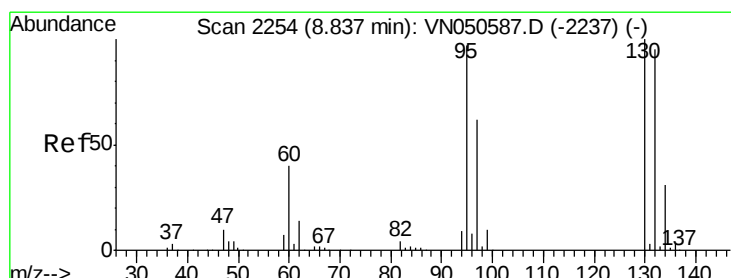
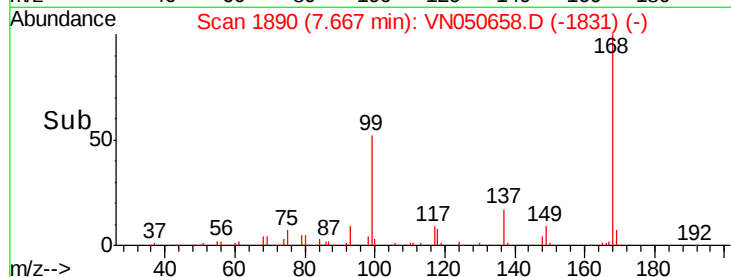
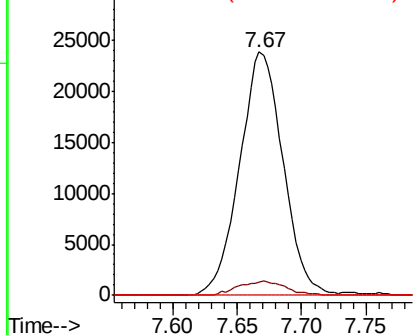
#38  
Carbon Tetrachloride  
Concen: 5.07 ug/l  
RT: 7.67 min Scan# 1890  
Delta R.T. -0.11 min  
Lab File: VN050658.D  
Acq: 15 Aug 2018 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
951-MW-18(21.5)

Tot Ion:117 Resp: 55968  
Ion Ratio Lower Upper  
117 100  
119 5.6 76.6 115.0#  
121 0.0 25.0 37.6#

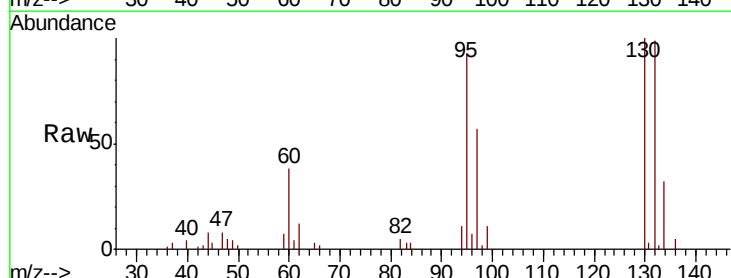


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

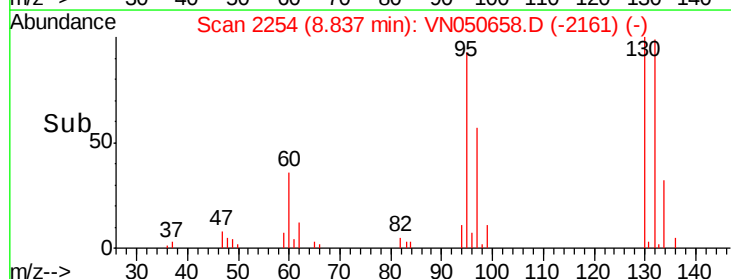
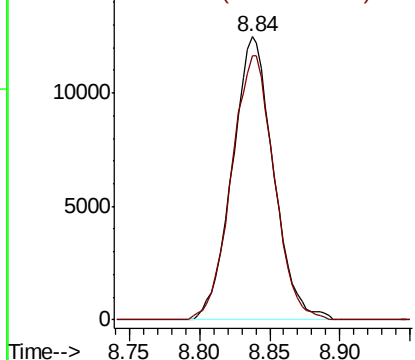


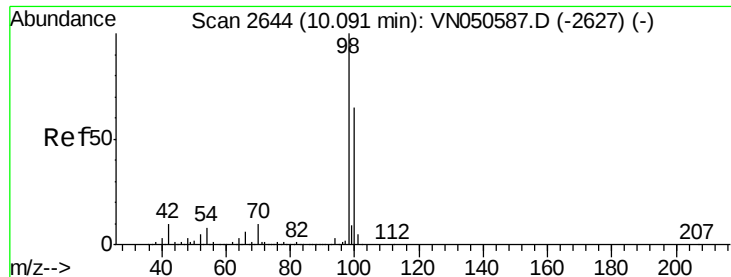
#44  
Trichloroethene  
Concen: 2.94 ug/l  
RT: 8.84 min Scan# 2254  
Delta R.T. 0.00 min  
Lab File: VN050658.D  
Acq: 15 Aug 2018 16:28

Tgt Ion:130 Resp: 25518  
Ion Ratio Lower Upper  
130 100  
95 93.2 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): V

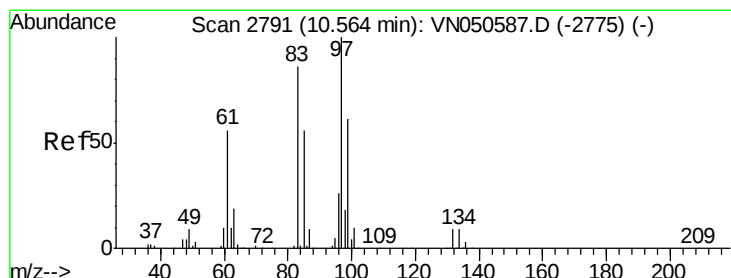
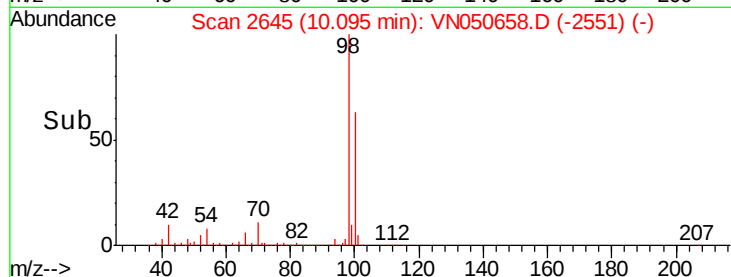
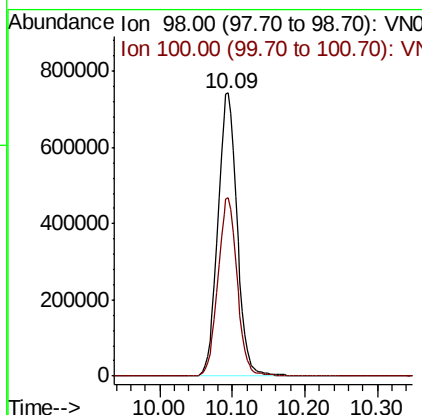
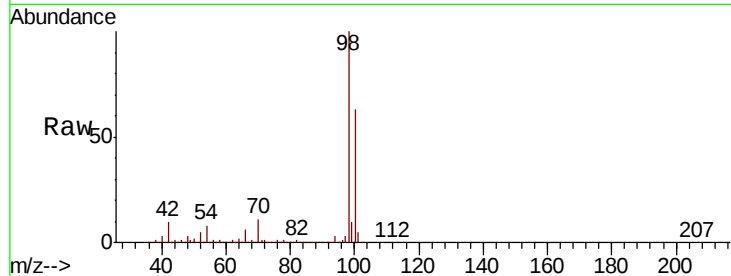




#50  
Toluene-d8  
Concen: 47.52 ug/l  
RT: 10.09 min Scan# 2645  
Delta R.T. 0.00 min  
Lab File: VN050658.D  
Acq: 15 Aug 2018 16:28

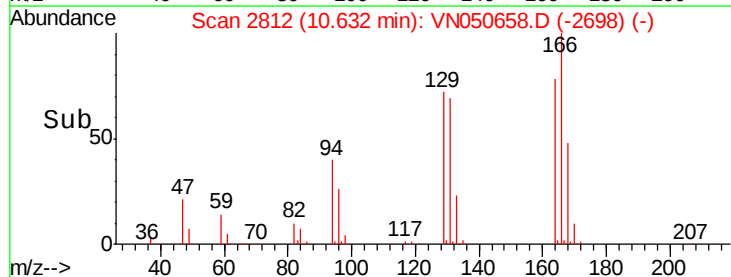
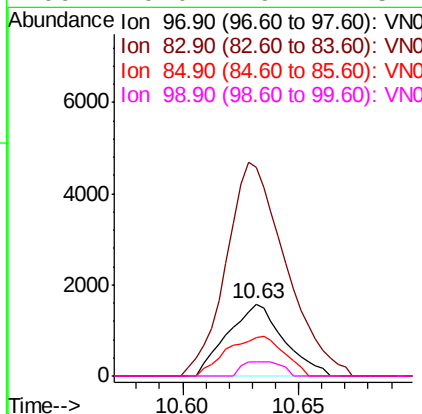
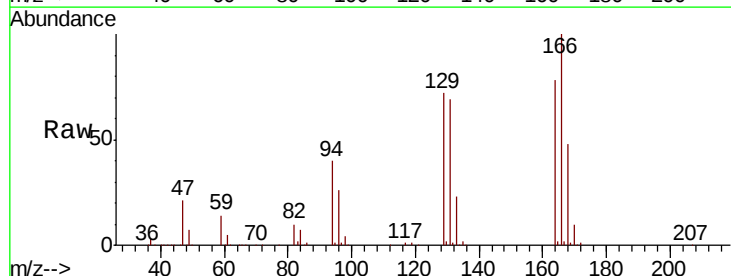
Instrument :  
MSVOA\_N  
ClientSampleId :  
951-MW-18(21.5)

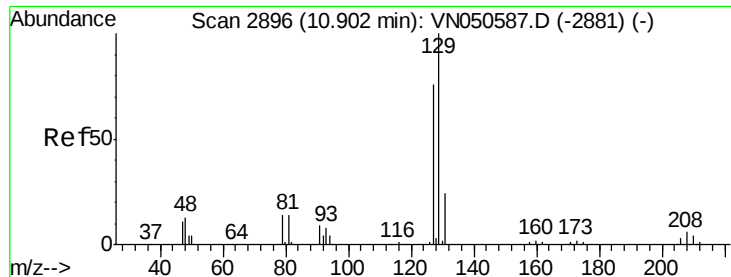
Tot Ion: 98 Resp: 1364170  
Ion Ratio Lower Upper  
98 100  
100 63.2 51.8 77.8



#55  
1,1,2-Trichloroethane  
Concen: 0.37 ug/l  
RT: 10.63 min Scan# 2812  
Delta R.T. 0.07 min  
Lab File: VN050658.D  
Acq: 15 Aug 2018 16:28

Tgt Ion: 97 Resp: 2652  
Ion Ratio Lower Upper  
97 100  
83 277.0 68.5 102.7#  
85 53.5 44.6 66.8  
99 19.0 49.1 73.7#

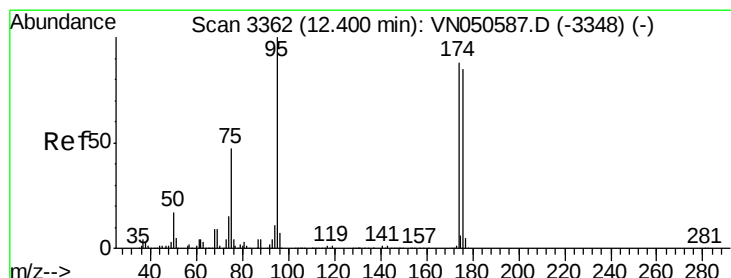
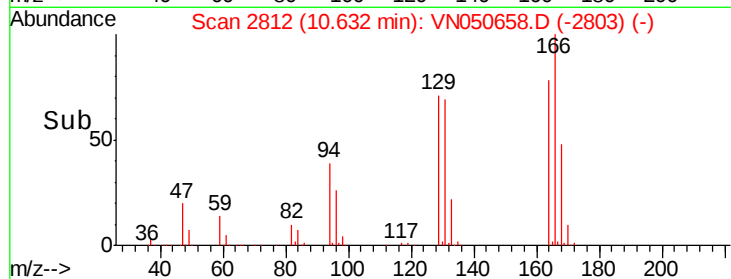
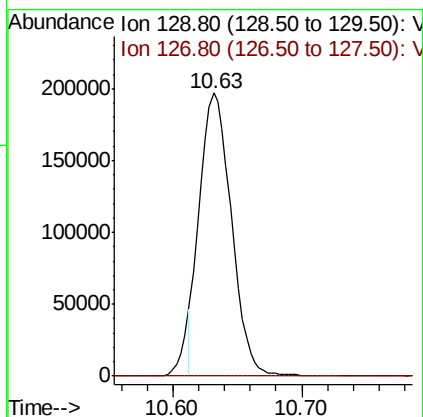
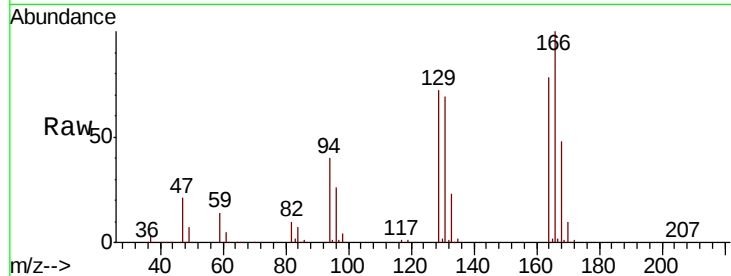




#60  
 Dibromochloromethane  
 Concen: 42.46 ug/l  
 RT: 10.63 min Scan# 2812  
 Delta R.T. -0.27 min  
 Lab File: VN050658.D  
 Acq: 15 Aug 2018 16:28

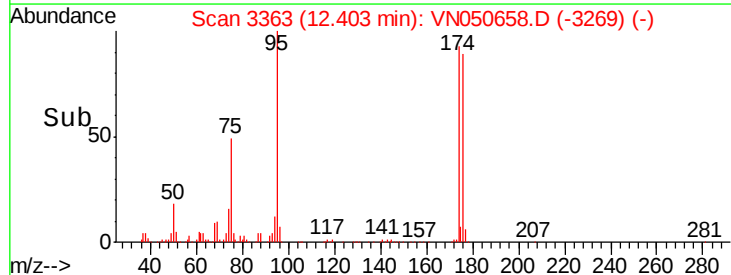
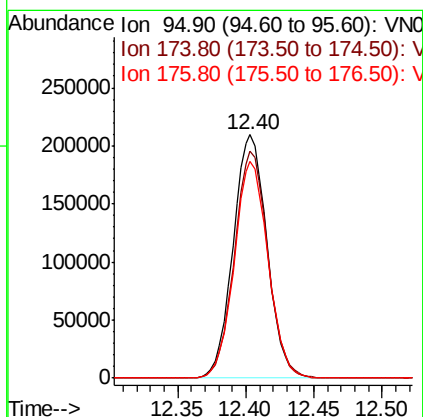
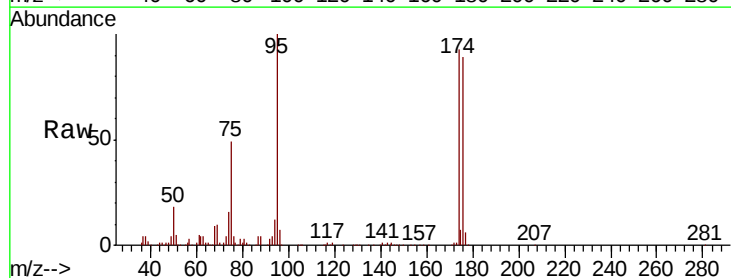
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 951-MW-18(21.5)

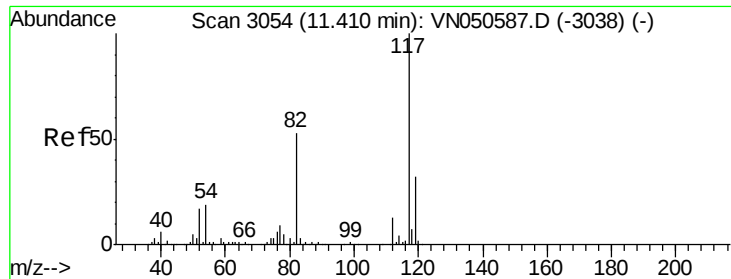
Tot Ion:129 Resp: 338193  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 38.9 116.7#



#62  
 4-Bromofluorobenzene  
 Concen: 37.98 ug/l  
 RT: 12.40 min Scan# 3363  
 Delta R.T. 0.00 min  
 Lab File: VN050658.D  
 Acq: 15 Aug 2018 16:28

Tgt Ion: 95 Resp: 360182  
 Ion Ratio Lower Upper  
 95 100  
 174 92.6 0.0 177.8  
 176 89.0 0.0 175.0

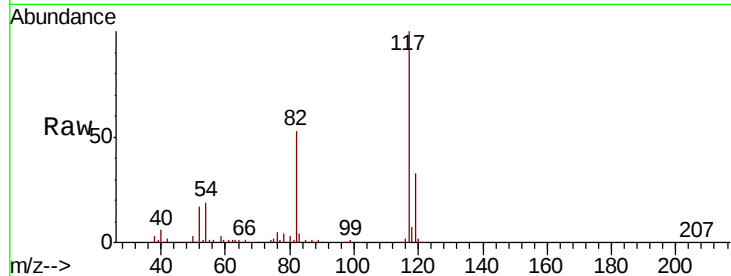




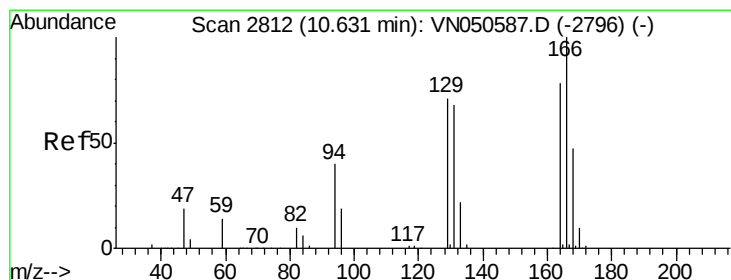
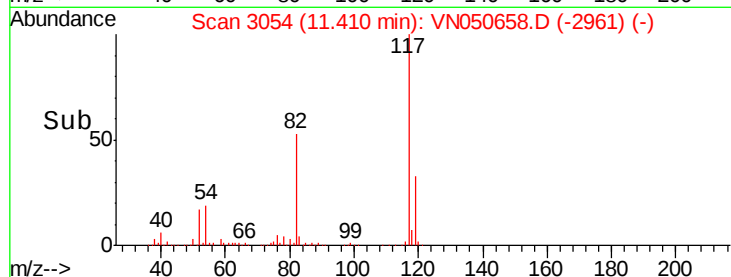
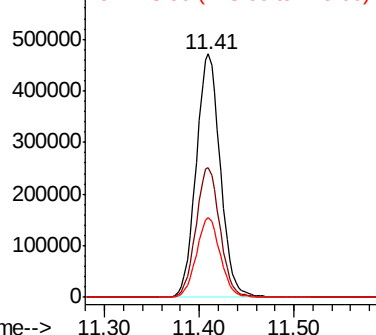
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN050658.D  
Acq: 15 Aug 2018 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
951-MW-18(21.5)

Tot Ion:117 Resp: 833764  
Ion Ratio Lower Upper  
117 100  
82 53.3 42.4 63.6  
119 32.8 25.8 38.8

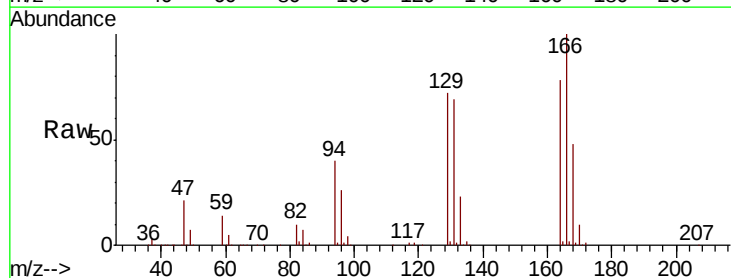


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

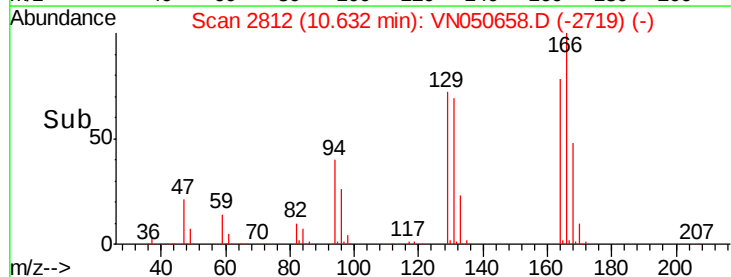
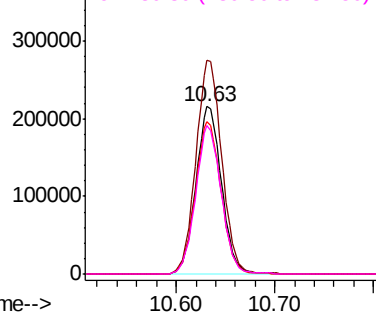


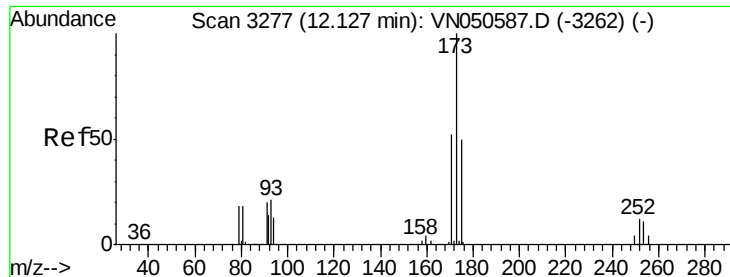
#64  
Tetrachloroethene  
Concen: 50.55 ug/l  
RT: 10.63 min Scan# 2812  
Delta R.T. 0.00 min  
Lab File: VN050658.D  
Acq: 15 Aug 2018 16:28

Tgt Ion:164 Resp: 391438  
Ion Ratio Lower Upper  
164 100  
166 127.8 102.1 153.1  
129 91.4 72.7 109.1  
131 88.7 69.9 104.9



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

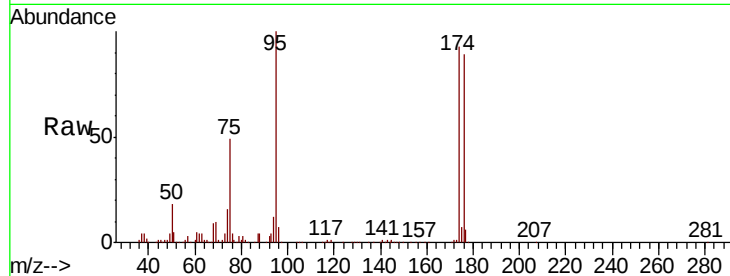




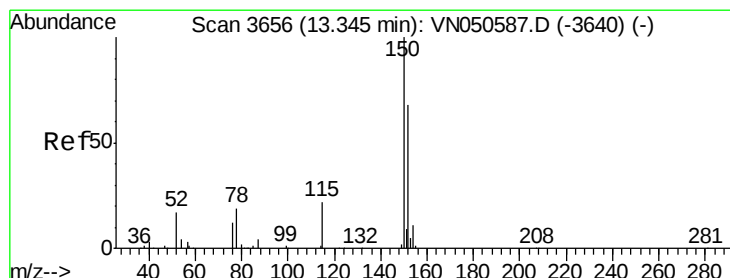
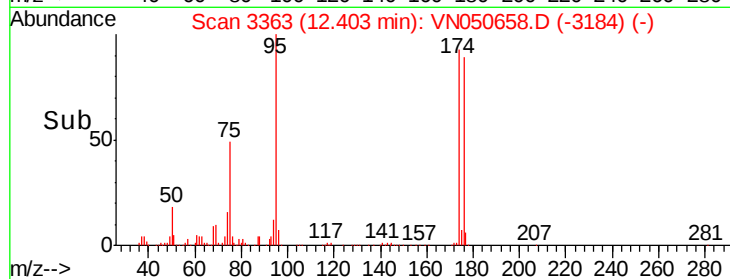
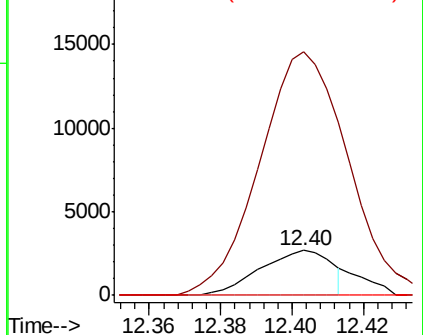
#71  
Bromoform  
Concen: 0.72 ug/l  
RT: 12.40 min Scan# 3363  
Delta R.T. 0.28 min  
Lab File: VN050658.D  
Acq: 15 Aug 2018 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
951-MW-18(21.5)

Tot Ion:173 Resp: 3735  
Ion Ratio Lower Upper  
173 100  
175 555.7 24.4 73.2#  
254 0.0 0.0 0.0

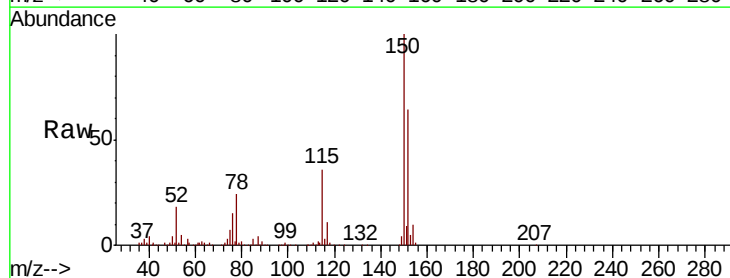


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

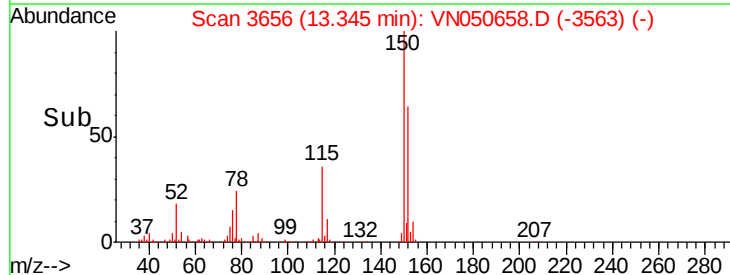
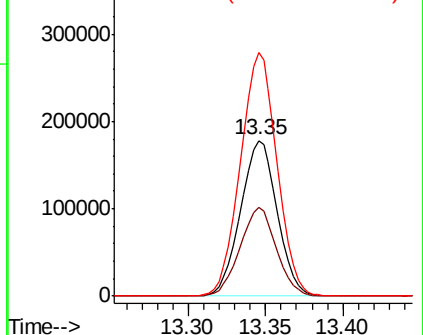


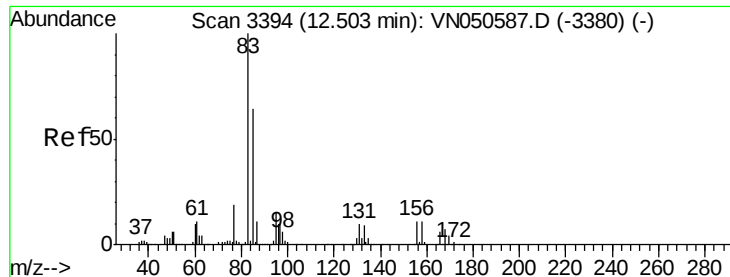
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.35 min Scan# 3656  
Delta R.T. 0.00 min  
Lab File: VN050658.D  
Acq: 15 Aug 2018 16:28

Tgt Ion:152 Resp: 292940  
Ion Ratio Lower Upper  
152 100  
115 56.4 28.1 84.2  
150 156.4 0.0 347.8



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# 3363

Delta R.T. -0.10 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

Instrument :

MSVOA\_N

ClientSampleId :

951-MW-18(21.5)

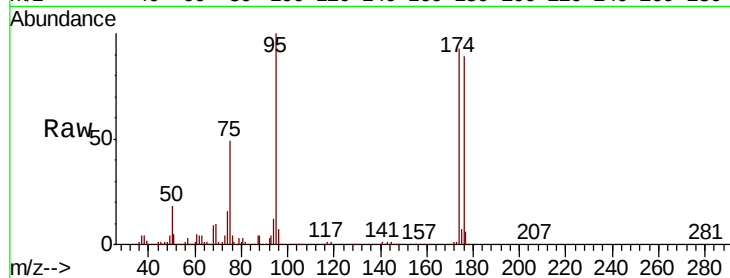
Tot Ion: 83 Resp: 165

Ion Ratio Lower Upper

83 100

131 222.4 5.3 15.9#

85 0.0 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO

400

300

200

100

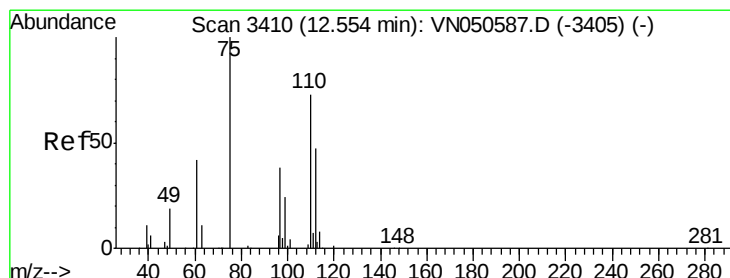
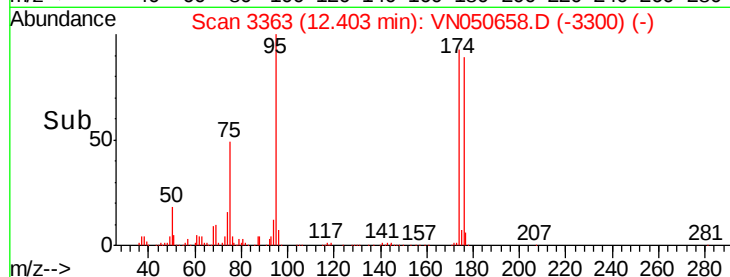
0

12.38

12.40

12.42

Time-->



#76

1,2,3-Trichloropropane

Concen: 36.25 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050658.D

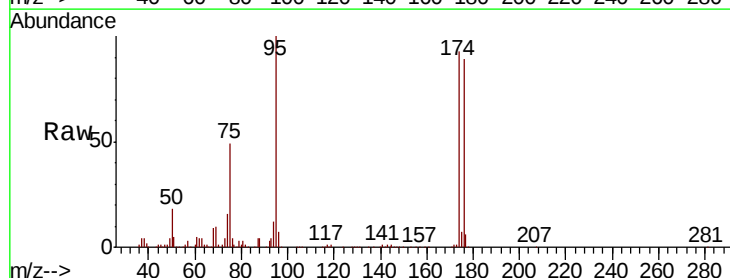
Acq: 15 Aug 2018 16:28

Tgt Ion: 75 Resp: 172893

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

120000

100000

80000

60000

40000

20000

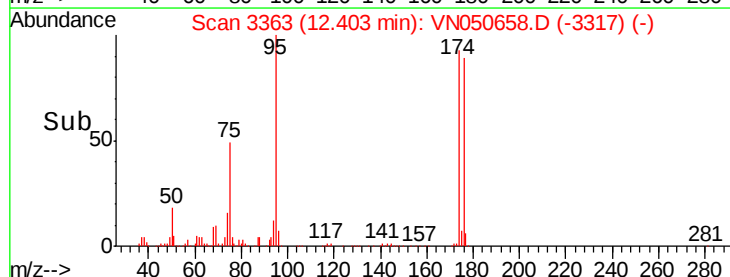
0

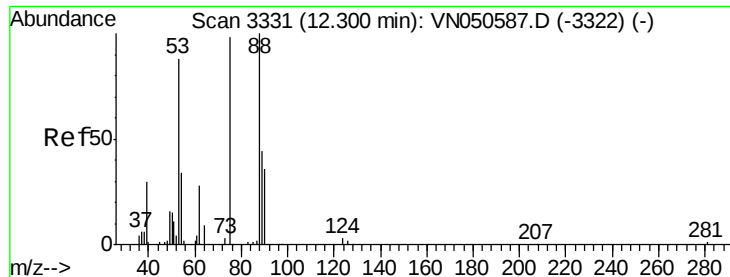
12.30

12.40

12.50

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 131.21 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

Instrument :

MSVOA\_N

ClientSampleId :

951-MW-18(21.5)

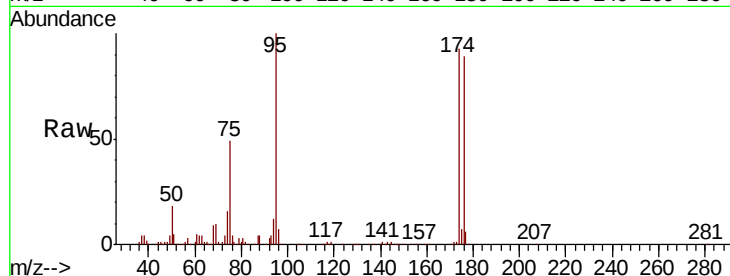
Tot Ion: 75 Resp: 172893

Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.2#

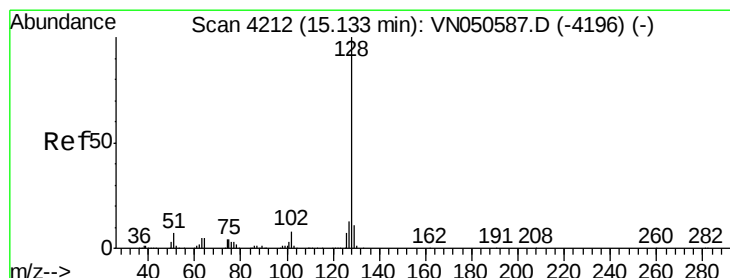
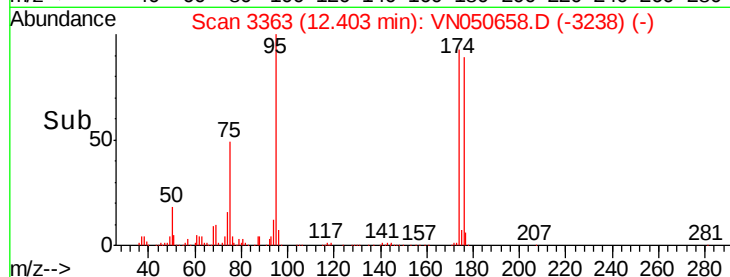
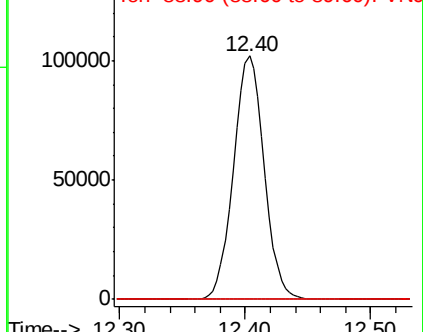
89 0.0 36.3 54.5#



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



#95

Naphthalene

Concen: 3.87 ug/l

RT: 15.15 min Scan# 4217

Delta R.T. 0.02 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

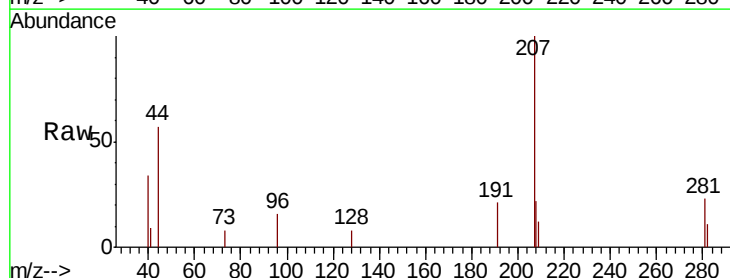
Tgt Ion: 128 Resp: 62

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.5 12.7#



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

