

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091318\  
 Data File : VN051160.D  
 Acq On : 13 Sep 2018 10:14  
 Operator : MD\SY  
 Sample : PB112798TB  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB112798TB

Quant Time: Sep 14 01:03:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 11 02:27:09 2018  
 Response via : Initial Calibration

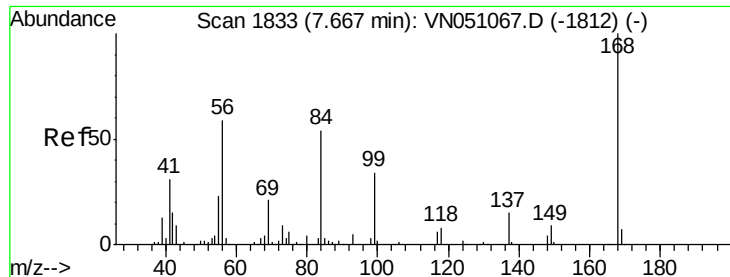
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 565808   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 890119   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 749620   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 241695   | 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   | 352172   | 55.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.86% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 339710   | 50.79 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.58% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1203478  | 47.42 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.84%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 316517   | 37.70 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 75.40%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 2.06  | 50   | 2379     | Below Cal | #      | 84     |
| 5) Bromomethane                | 2.57  | 94   | 2392     | Below Cal |        | 97     |
| 10) Methyl Iodide              | 3.95  | 142  | 435      | 5.70      | ug/l # | 44     |
| 13) Acrolein                   | 3.63  | 56   | 169      | 24.54     | ug/l # | 81     |
| 16) Acetone                    | 3.82  | 43   | 18454    | 6.16      | ug/l   | 99     |
| 17) Carbon Disulfide           | 4.05  | 76   | 4209     | 0.35      | ug/l # | 89     |
| 18) Methyl Acetate             | 4.34  | 43   | 7927     | 1.57      | ug/l   | 99     |
| 20) Methylene Chloride         | 4.55  | 84   | 10820    | 1.56      | ug/l   | 95     |
| 25) 2-Butanone                 | 6.85  | 43   | 1398     | 0.56      | ug/l # | 81     |
| 29) Tetrahydrofuran            | 7.22  | 42   | 423      | 0.27      | ug/l # | 51     |
| 31) Cyclohexane                | 7.67  | 56   | 9388     | 0.68      | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 37022    | 3.79      | ug/l # | 47     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 48970    | 5.09      | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 260880   | 26.12     | ug/l # | 88     |
| 48) Methyl methacrylate        | 9.18  | 41   | 7138     | 1.47      | ug/l # | 16     |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1662     | 0.30      | ug/l # | 73     |
| 56) Ethyl methacrylate         | 10.29 | 69   | 63       | 2.46      | ug/l # | 1      |
| 59) 2-Hexanone                 | 10.77 | 43   | 19111    | 5.10      | ug/l # | 56     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 324      | Below Cal | #      | 92     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 143382   | 37.90     | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 3882     | 0.24      | ug/l   | 93     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 143382   | 112.67    | ug/l # | 15     |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 1713     | 4.34      | ug/l   | 91     |
| 94) Hexachlorobutadiene        | 15.00 | 225  | 265      | Below Cal | #      | 19     |
| 95) Naphthalene                | 15.14 | 128  | 4159     | 5.75      | ug/l # | 92     |
| 96) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 1881     | 3.37      | ug/l   | 89     |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051160.D

Acq: 13 Sep 2018 10:14

Instrument :

MSVOA\_N

ClientSampled :

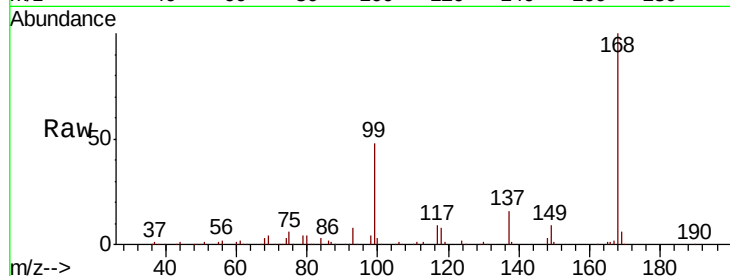
PB112798TB

Tot Ion:168 Resp: 565808

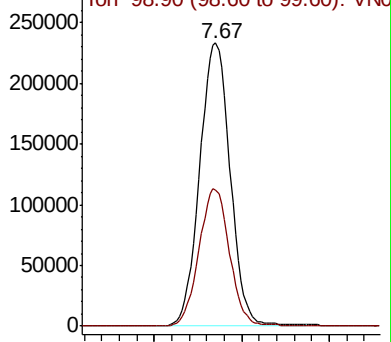
Ion Ratio Lower Upper

168 100

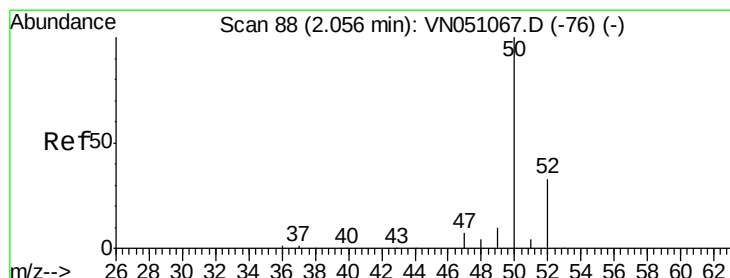
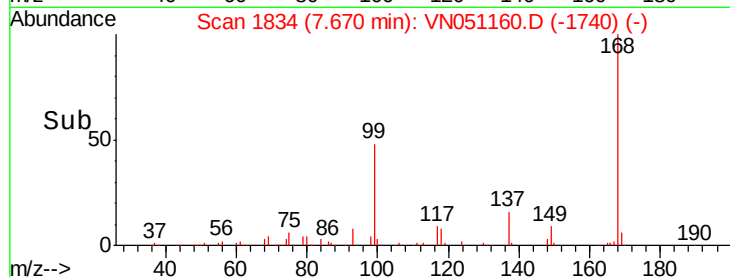
99 48.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051160.D (-1740) (-)



Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051160.D

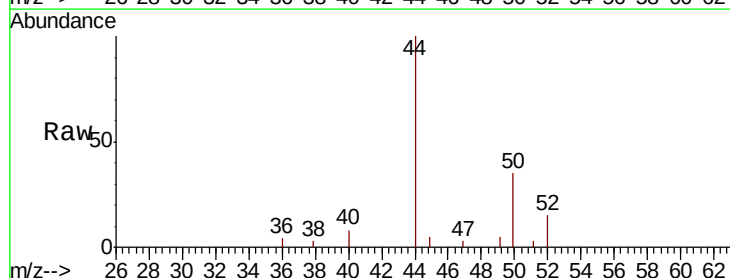
Acq: 13 Sep 2018 10:14

Tgt Ion: 50 Resp: 2379

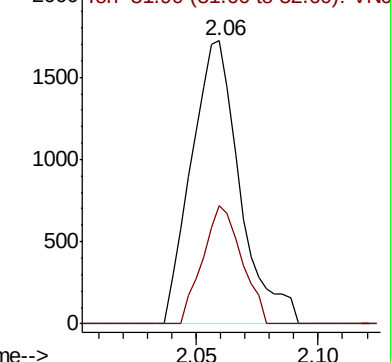
Ion Ratio Lower Upper

50 100

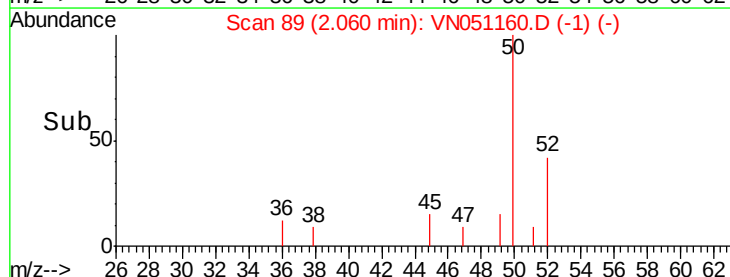
52 41.6 26.0 39.0#

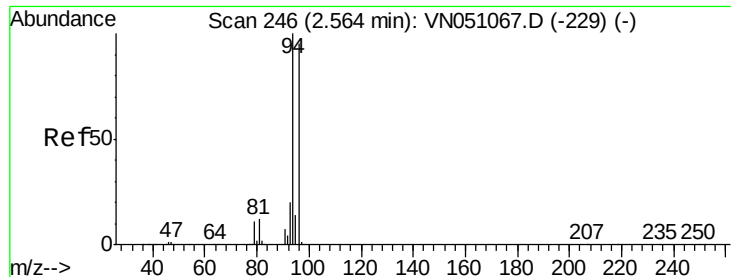


Abundance Ion 49.90 (49.60 to 50.60): VN051160.D (-1) (-)



Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051160.D

Acq: 13 Sep 2018 10:14

Instrument :

MSVOA\_N

ClientSampleId :

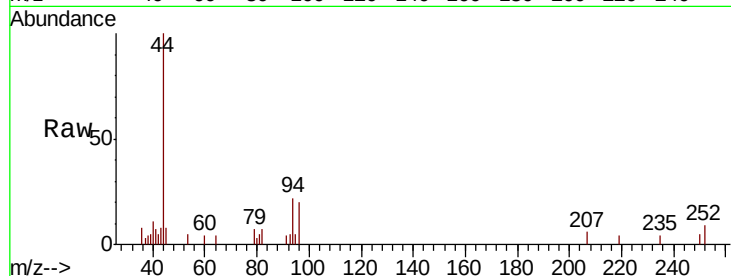
PB112798TB

Tot Ion: 94 Resp: 2392

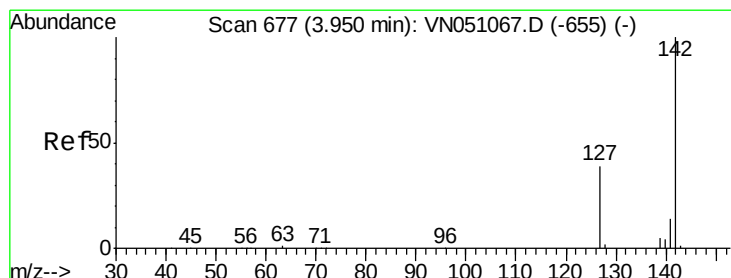
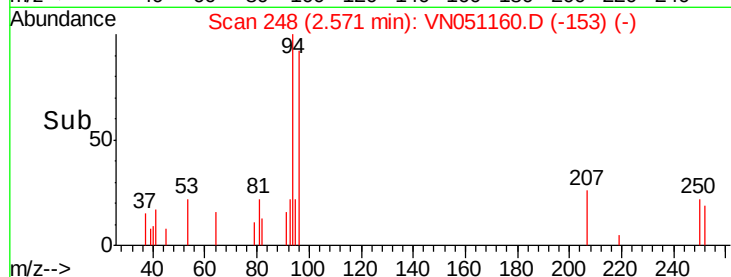
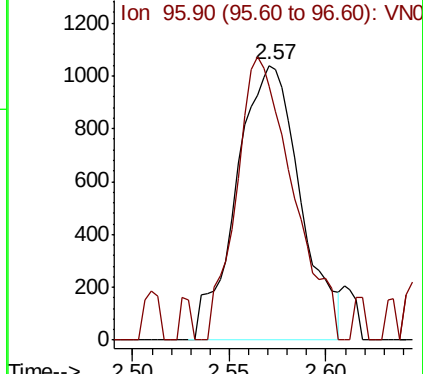
Ion Ratio Lower Upper

94 100

96 92.4 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051160.D (-153) (-)



#10

Methyl Iodide

Concen: 5.70 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN051160.D

Acq: 13 Sep 2018 10:14

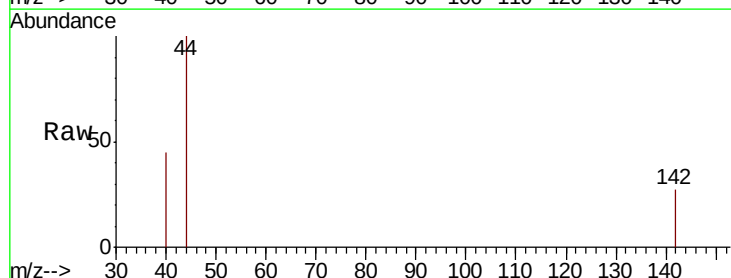
Tgt Ion: 142 Resp: 435

Ion Ratio Lower Upper

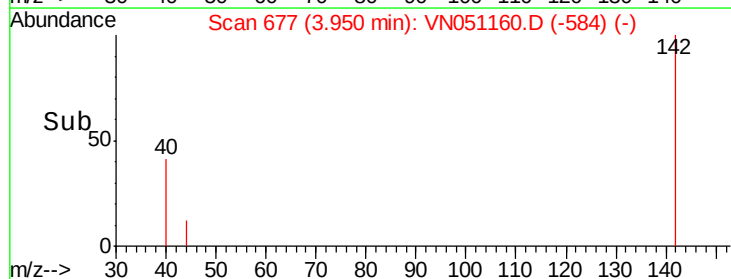
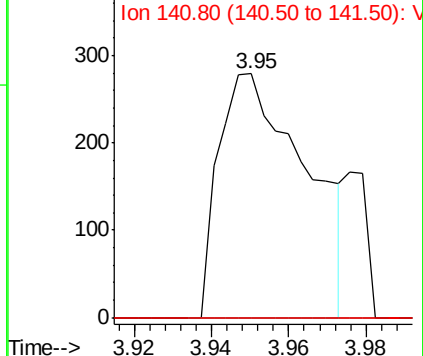
142 100

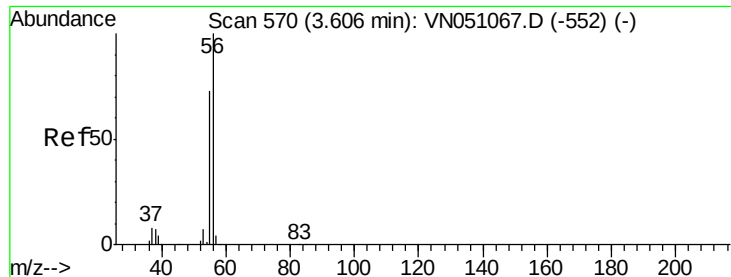
127 0.0 31.0 46.4#

141 0.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): VN051160.D (-584) (-)





#13

Acrolein

Concen: 24.54 ug/l

RT: 3.63 min Scan# 576

Delta R.T. 0.02 min

Lab File: VN051160.D

Acq: 13 Sep 2018 10:14

Instrument :

MSVOA\_N

ClientSampleId :

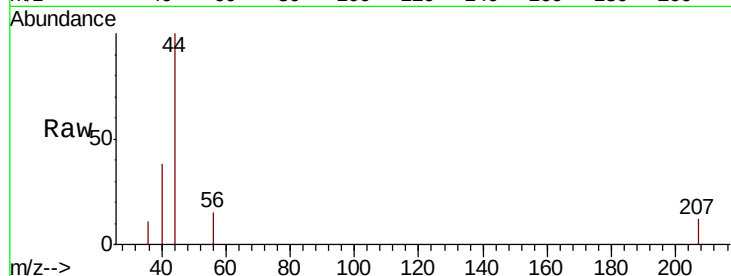
PB112798TB

Tot Ion: 56 Resp: 169

Ion Ratio Lower Upper

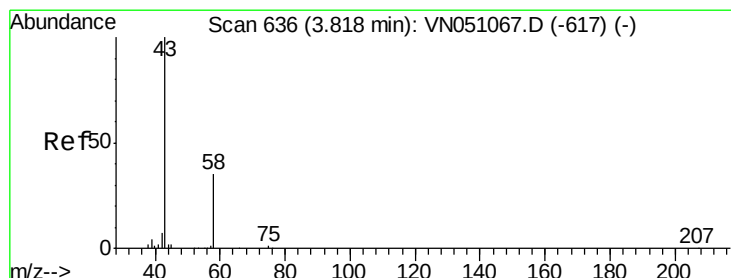
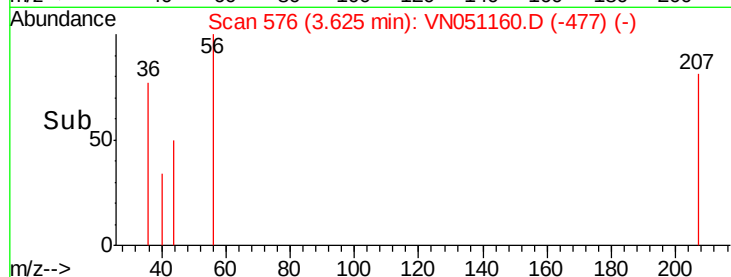
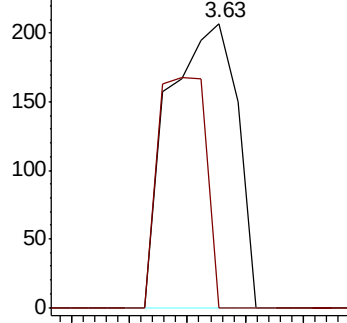
56 100

55 56.8 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 6.16 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051160.D

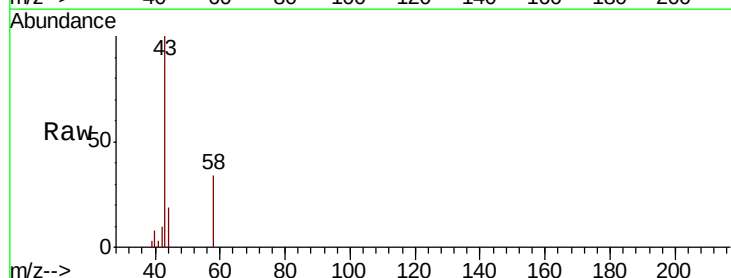
Acq: 13 Sep 2018 10:14

Tgt Ion: 43 Resp: 18454

Ion Ratio Lower Upper

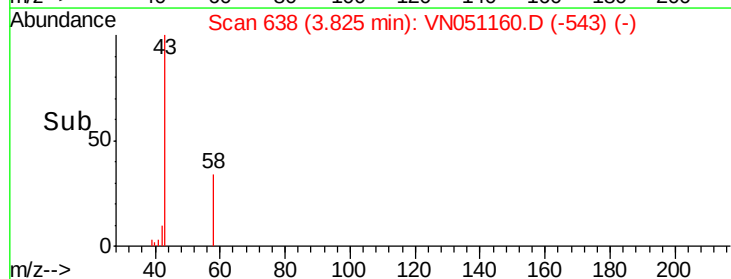
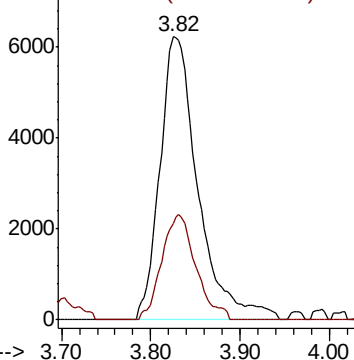
43 100

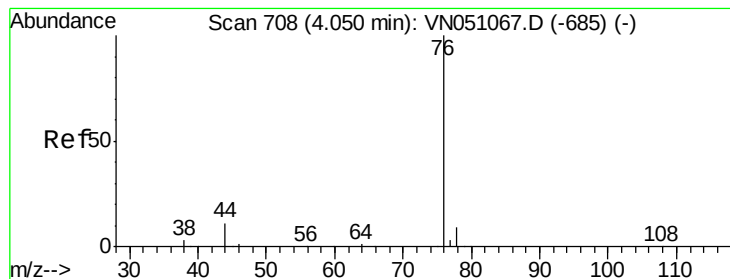
58 34.2 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.35 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051160.D

Acq: 13 Sep 2018 10:14

Instrument :

MSVOA\_N

ClientSampleId :

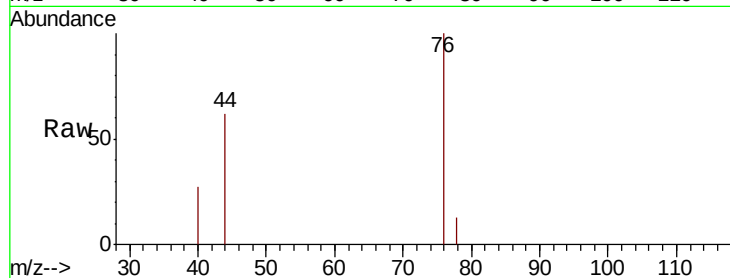
PB112798TB

Tot Ion: 76 Resp: 4209

Ion Ratio Lower Upper

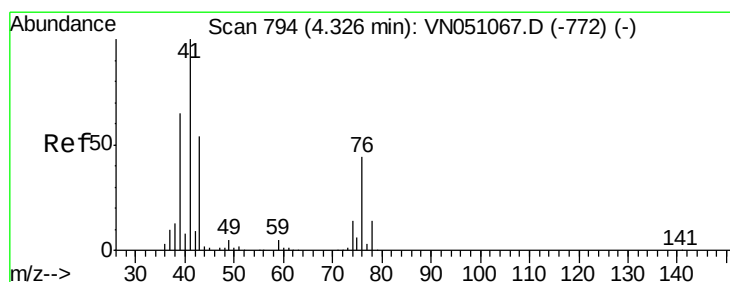
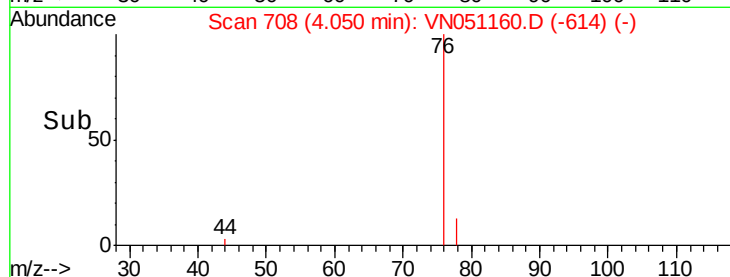
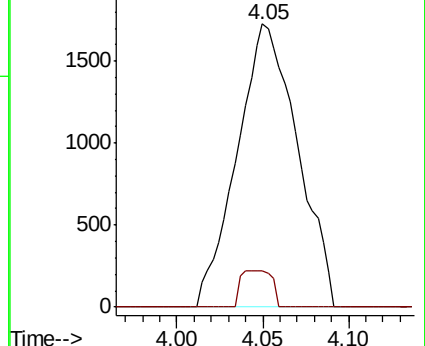
76 100

78 12.7 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN051160.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN051160.D (-614) (-)



#18

Methyl Acetate

Concen: 1.57 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051160.D

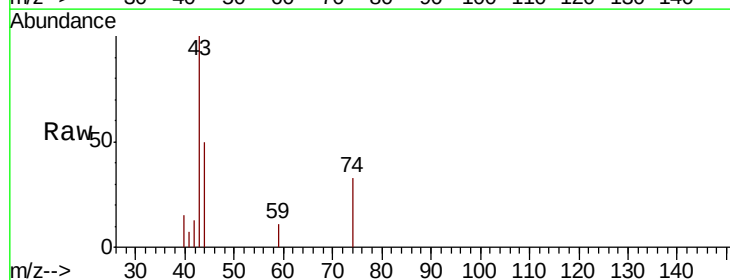
Acq: 13 Sep 2018 10:14

Tgt Ion: 43 Resp: 7927

Ion Ratio Lower Upper

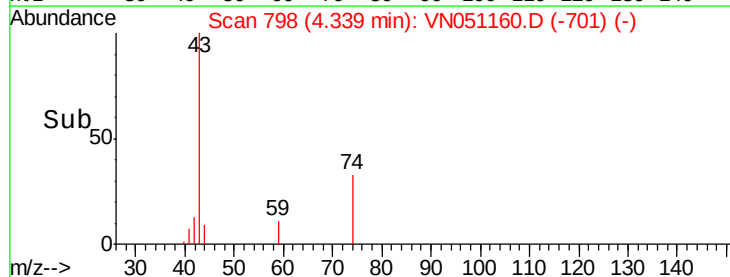
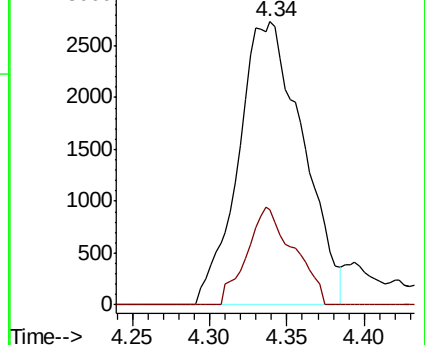
43 100

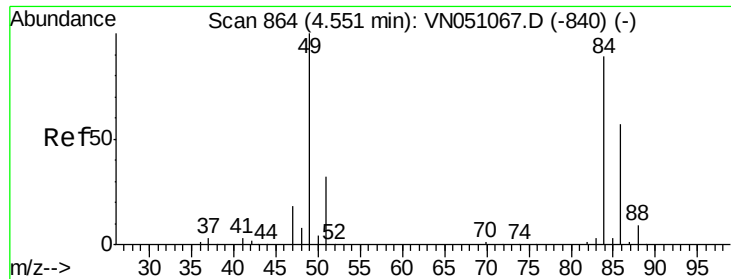
74 25.2 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VN051160.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN051160.D (-701) (-)

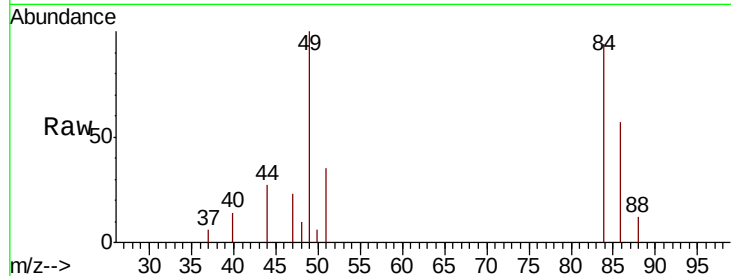




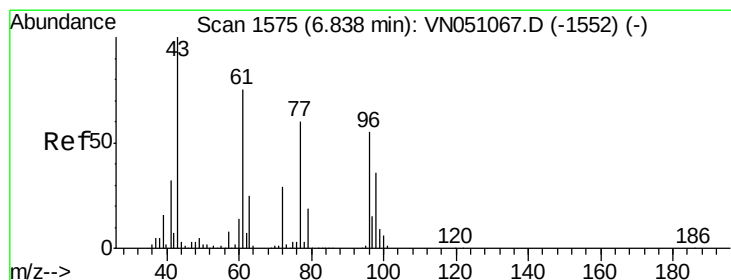
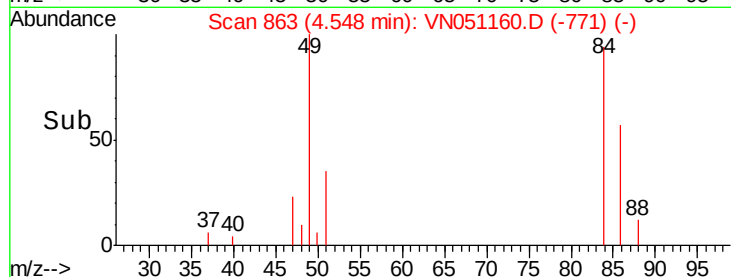
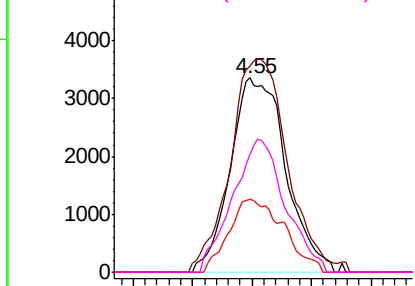
#20  
Methvlene Chloride  
Concen: 1.56 ug/l  
RT: 4.55 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: VN051160.D  
Acq: 13 Sep 2018 10:14

Instrument :  
MSVOA\_N  
ClientSampled :  
PB112798TB

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 10820 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 106.1 | 90.2  | 135.2 |
| 51       | 37.3  | 28.4  | 42.6  |
| 86       | 60.6  | 51.8  | 77.8  |

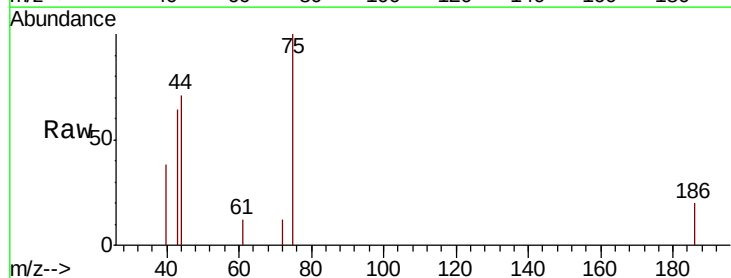


Abundance Ion 83.90 (83.60 to 84.60): VNO  
Ion 48.90 (48.60 to 49.60): VNO  
Ion 50.90 (50.60 to 51.60): VNO  
Ion 85.90 (85.60 to 86.60): VNO

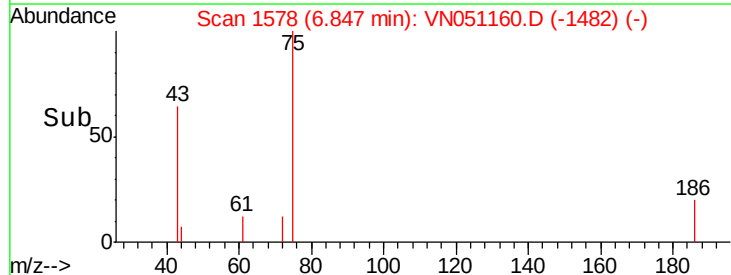
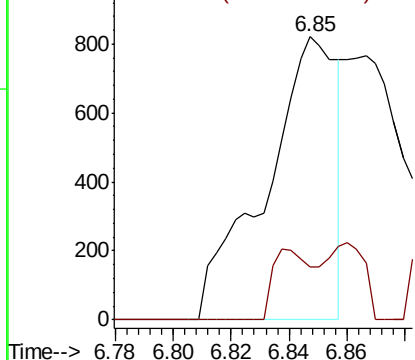


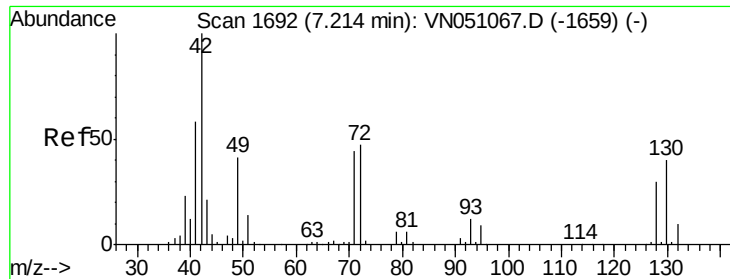
#25  
2-Butanone  
Concen: 0.56 ug/l  
RT: 6.85 min Scan# 1578  
Delta R.T. 0.01 min  
Lab File: VN051160.D  
Acq: 13 Sep 2018 10:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1398  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 18.6  | 23.0  | 34.6# |



Abundance Ion 43.00 (42.70 to 43.70): VNO  
Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051160.D

Acq: 13 Sep 2018 10:14

Instrument :

MSVOA\_N

ClientSampled :

PB112798TB

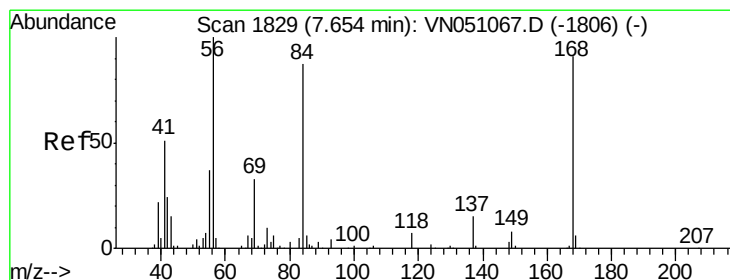
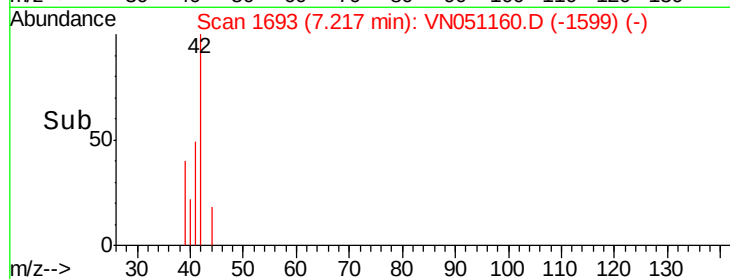
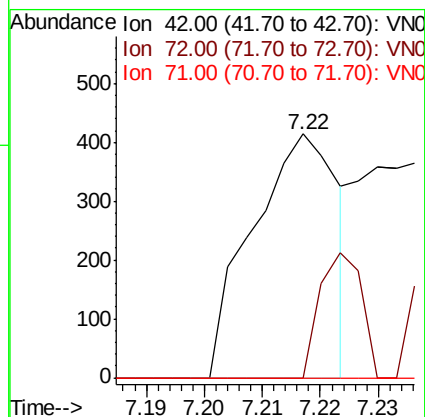
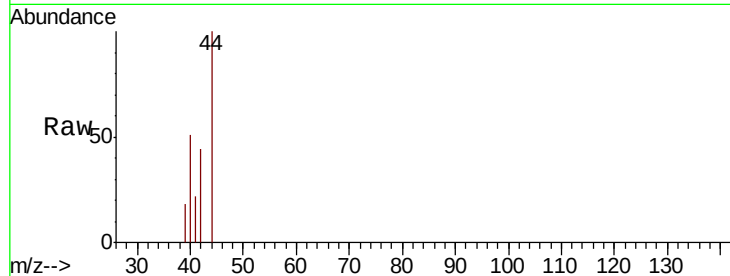
Tot Ion: 42 Resp: 423

Ion Ratio Lower Upper

42 100

72 25.3 37.4 56.0#

71 0.0 34.7 52.1#



#31

Cyclohexane

Concen: 0.68 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051160.D

Acq: 13 Sep 2018 10:14

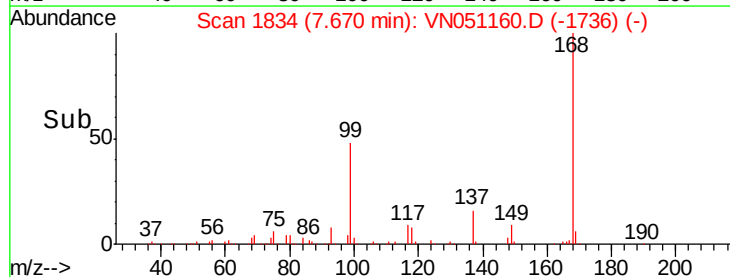
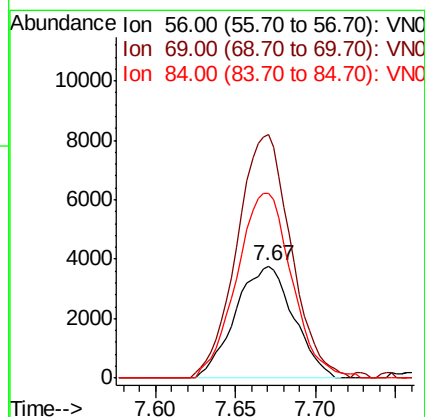
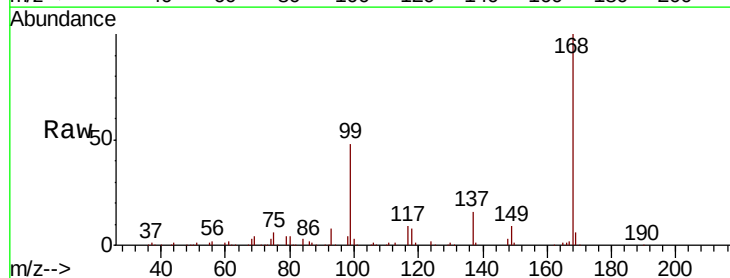
Tgt Ion: 56 Resp: 9388

Ion Ratio Lower Upper

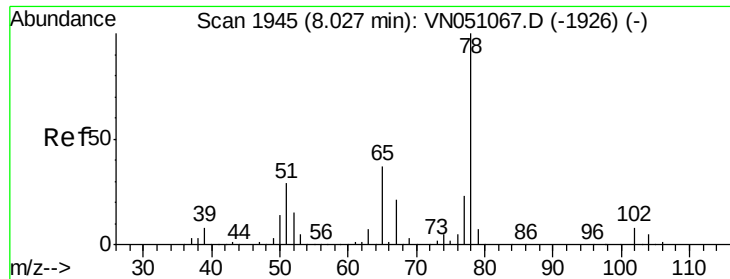
56 100

69 216.7 26.3 39.5#

84 163.9 69.4 104.0#



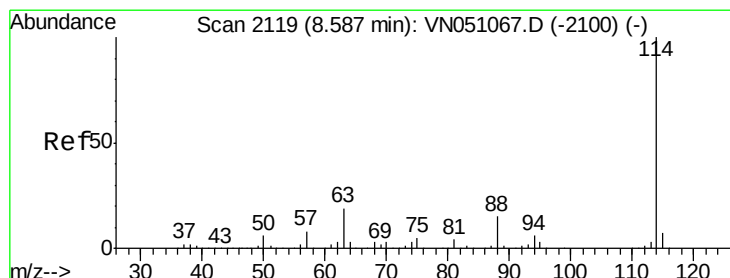
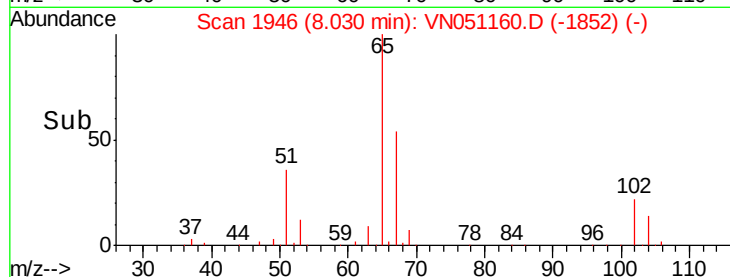
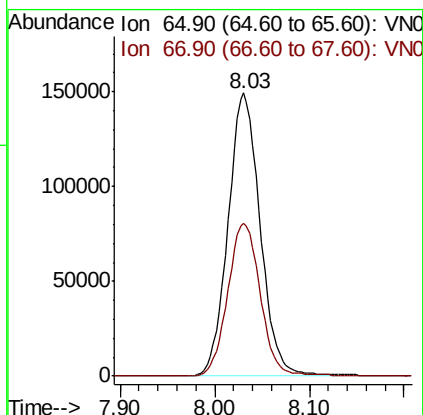
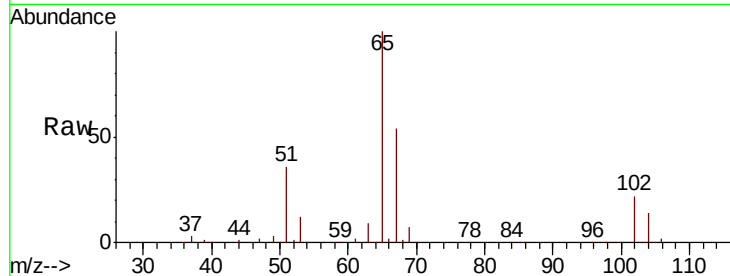




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.93 ug/l  
 RT: 8.03 min Scan# 1946  
 Delta R.T. 0.00 min  
 Lab File: VN051160.D  
 Acq: 13 Sep 2018 10:14

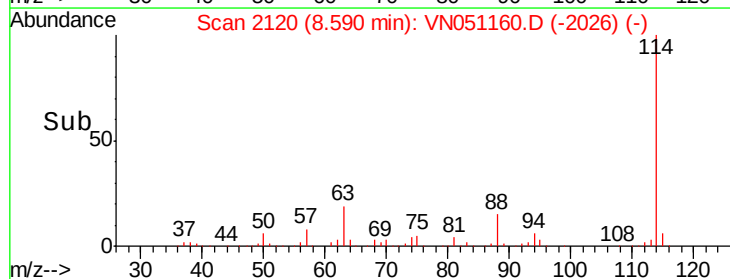
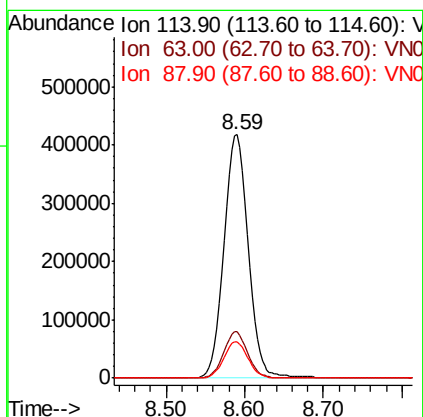
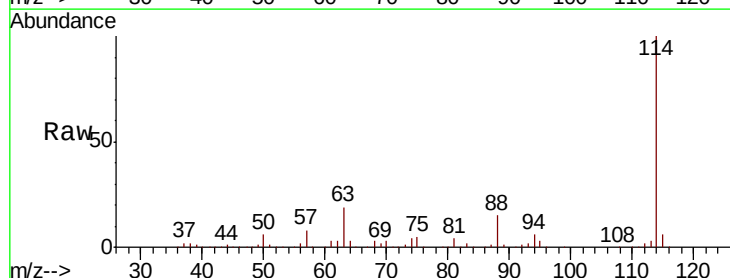
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB112798TB

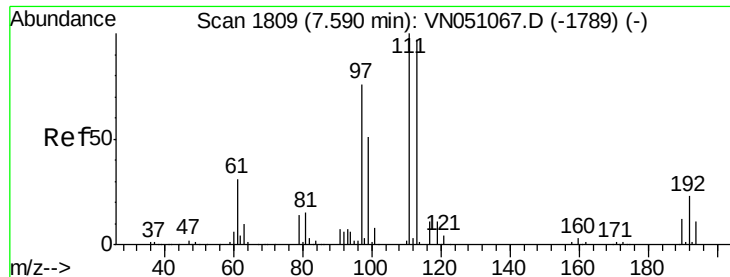
Tot Ion: 65 Resp: 352172  
 Ion Ratio Lower Upper  
 65 100  
 67 54.6 0.0 112.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2120  
 Delta R.T. 0.00 min  
 Lab File: VN051160.D  
 Acq: 13 Sep 2018 10:14

Tgt Ion: 114 Resp: 890119  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 37.8  
 88 14.9 0.0 30.8

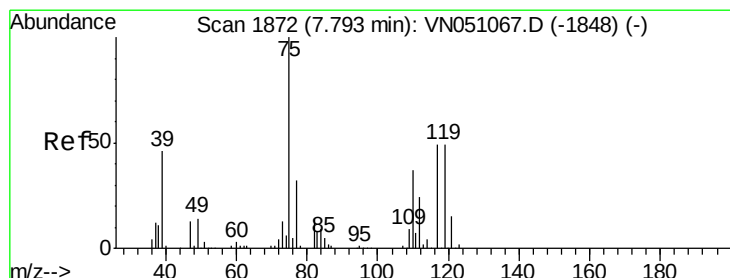
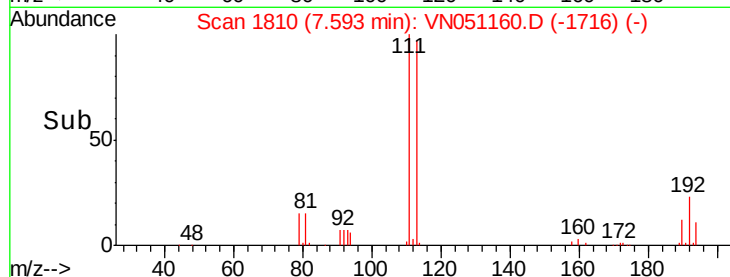
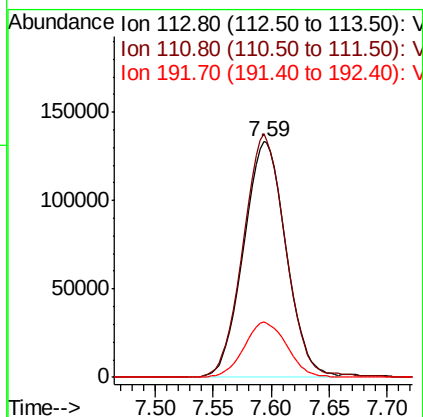
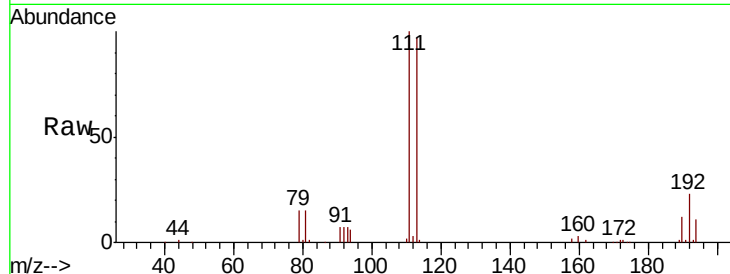




#35  
 Dibromofluoromethane  
 Concen: 50.79 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN051160.D  
 Acq: 13 Sep 2018 10:14

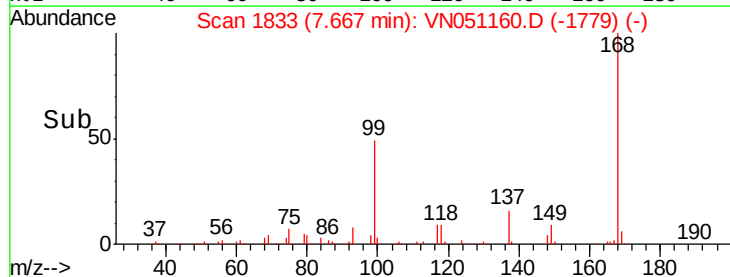
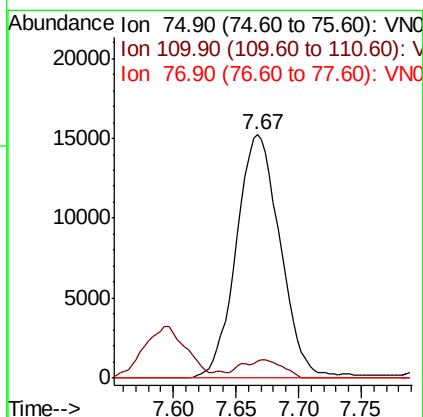
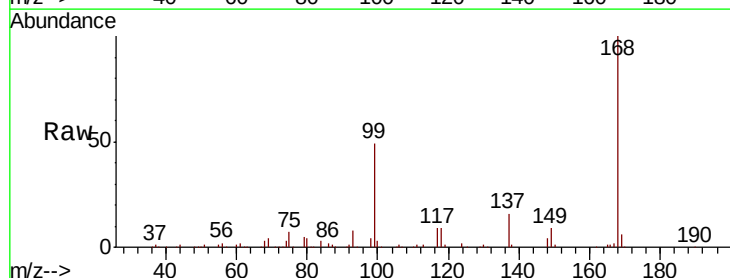
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB112798TB

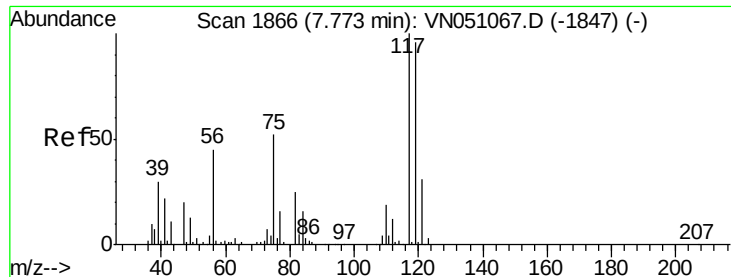
Tot Ion:113 Resp: 339710  
 Ion Ratio Lower Upper  
 113 100  
 111 103.3 83.0 124.6  
 192 23.6 18.7 28.1



#36  
 1,1-Dichloropropene  
 Concen: 3.79 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.13 min  
 Lab File: VN051160.D  
 Acq: 13 Sep 2018 10:14

Tgt Ion: 75 Resp: 37022  
 Ion Ratio Lower Upper  
 75 100  
 110 7.2 18.6 55.8#  
 77 0.0 25.2 37.8#

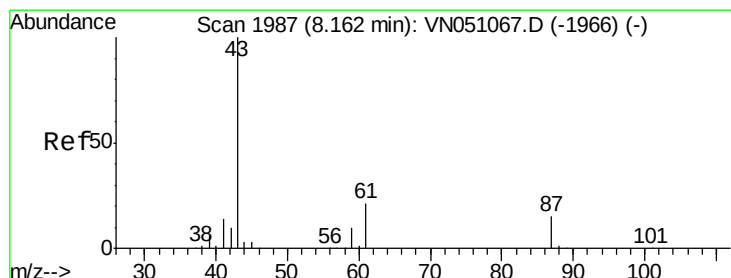
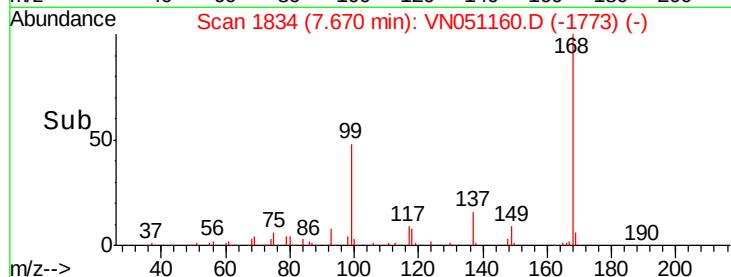
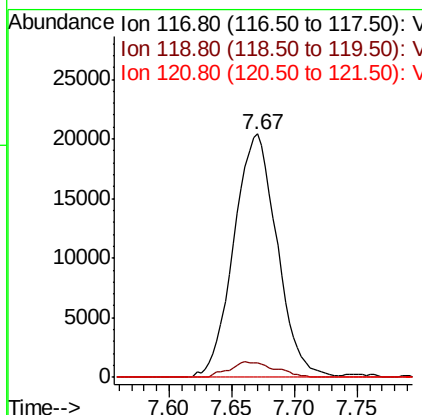
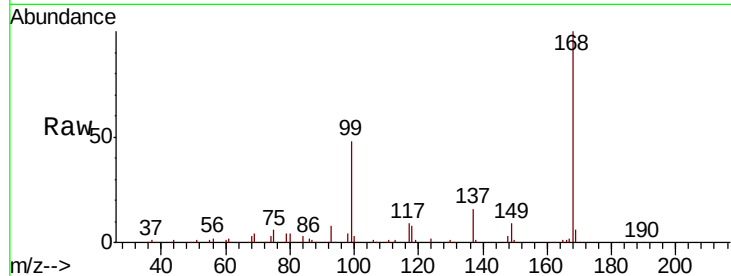




#38  
Carbon Tetrachloride  
Concen: 5.09 ug/l  
RT: 7.67 min Scan# 1834  
Delta R.T. -0.10 min  
Lab File: VN051160.D  
Acq: 13 Sep 2018 10:14

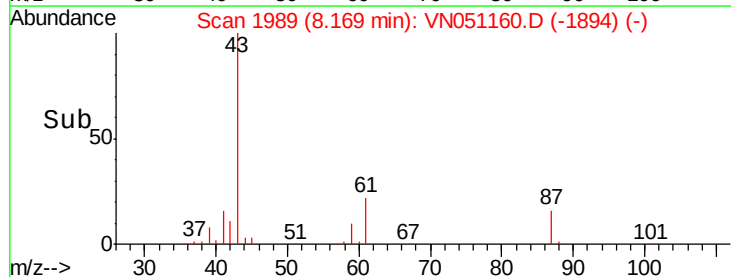
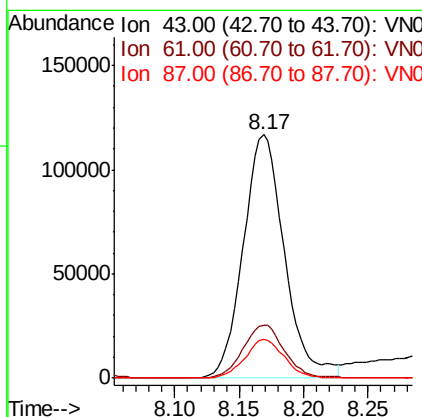
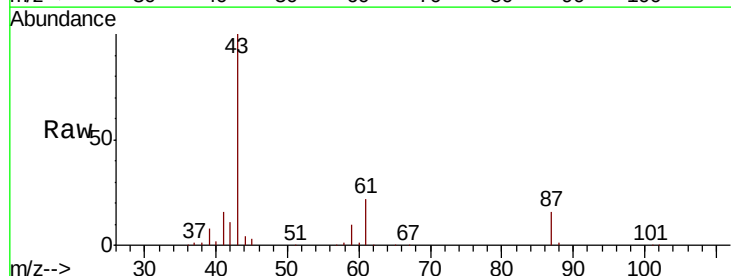
Instrument :  
MSVOA\_N  
ClientSampled :  
PB112798TB

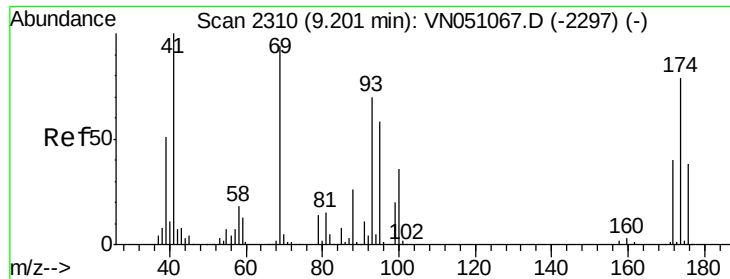
Tot Ion:117 Resp: 48970  
Ion Ratio Lower Upper  
117 100  
119 5.8 76.8 115.2#  
121 0.0 24.6 36.8#



#43  
Isopropyl Acetate  
Concen: 26.12 ug/l  
RT: 8.17 min Scan# 1989  
Delta R.T. 0.01 min  
Lab File: VN051160.D  
Acq: 13 Sep 2018 10:14

Tgt Ion: 43 Resp: 260880  
Ion Ratio Lower Upper  
43 100  
61 22.0 25.0 37.6#  
87 15.1 11.8 17.8

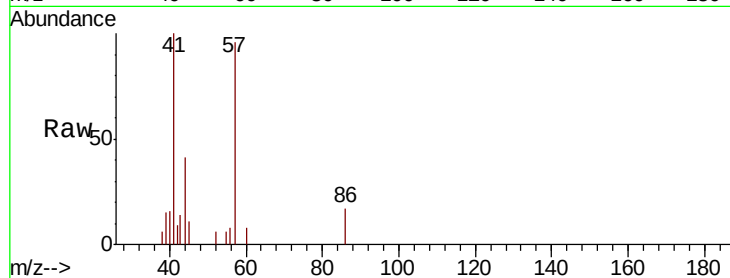




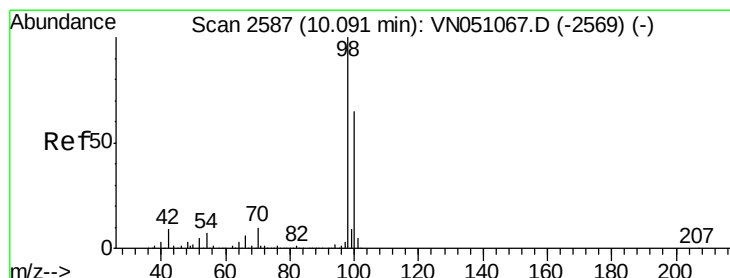
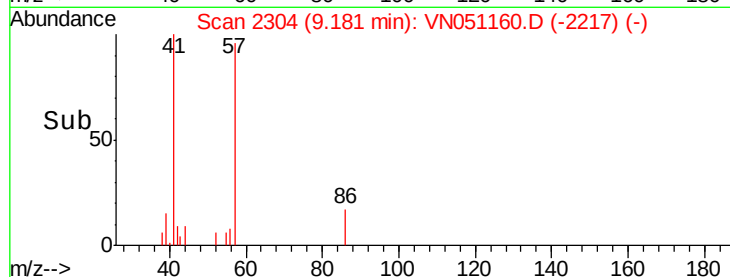
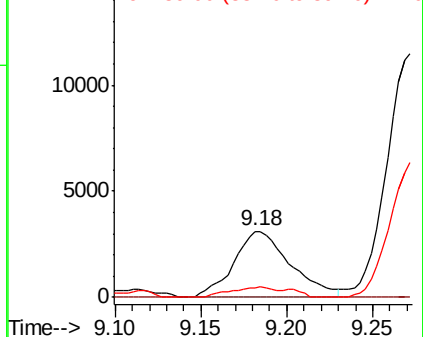
#48  
Methvl methacrylate  
Concen: 1.47 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. -0.02 min  
Lab File: VN051160.D  
Acq: 13 Sep 2018 10:14

Instrument :  
MSVOA\_N  
ClientSampled :  
PB112798TB

Tot Ion: 41 Resp: 7138  
Ion Ratio Lower Upper  
41 100  
69 0.0 77.7 116.5#  
39 11.8 41.6 62.4#

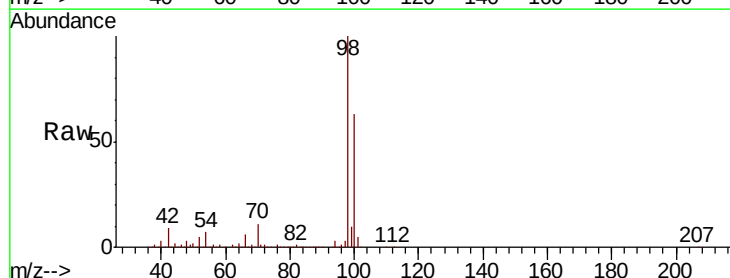


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 69.00 (68.70 to 69.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC

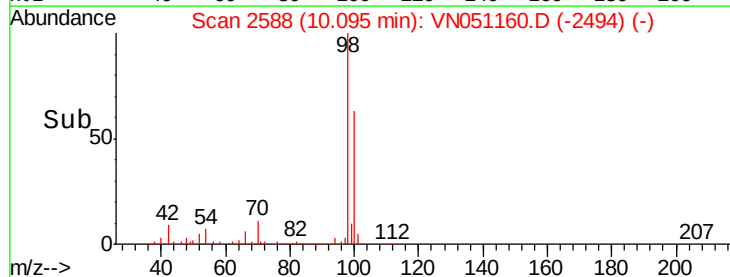
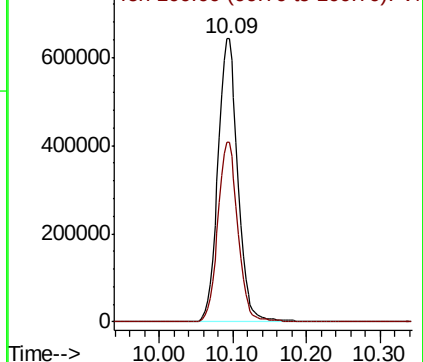


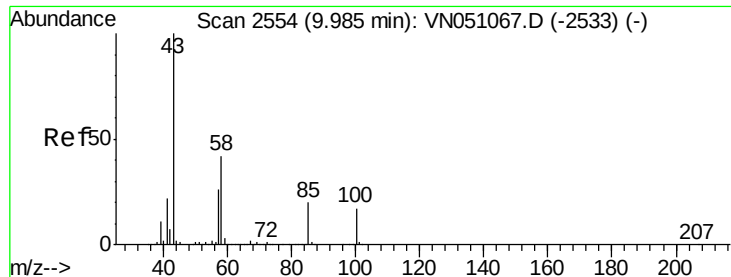
#50  
Toluene-d8  
Concen: 47.42 ug/l  
RT: 10.09 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN051160.D  
Acq: 13 Sep 2018 10:14

Tgt Ion: 98 Resp: 1203478  
Ion Ratio Lower Upper  
98 100  
100 63.9 52.0 78.0



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

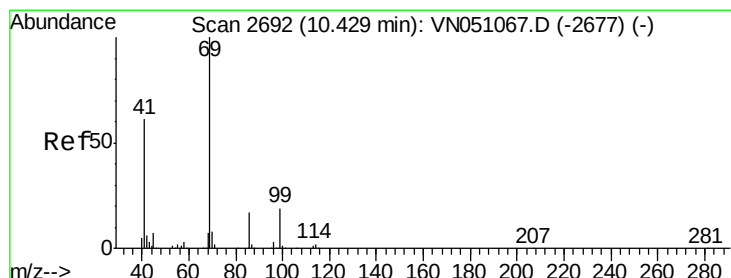
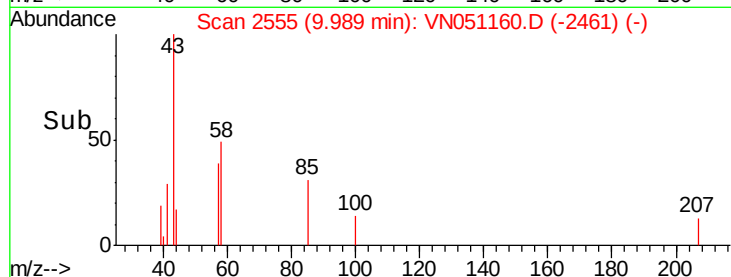
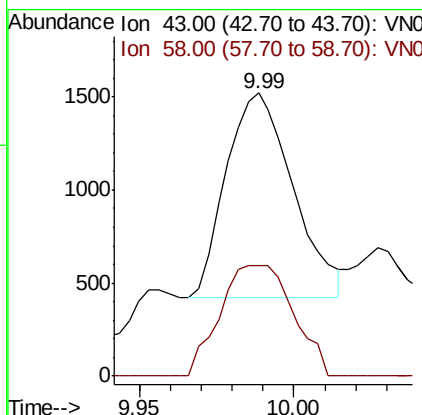
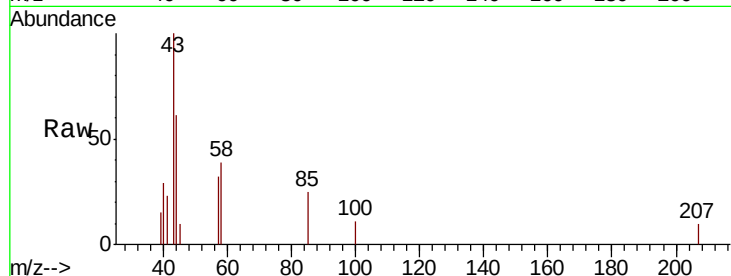




#51  
4-Methyl-2-Pentanone  
Concen: 0.30 ug/l  
RT: 9.99 min Scan# 2555  
Delta R.T. 0.00 min  
Lab File: VN051160.D  
Acq: 13 Sep 2018 10:14

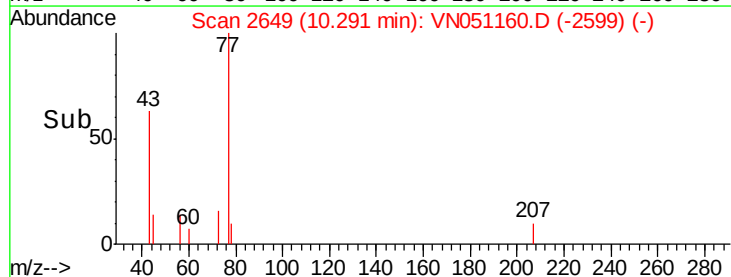
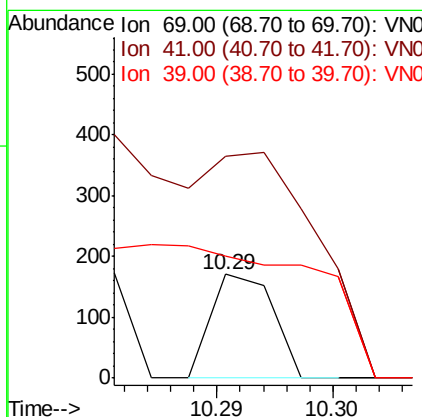
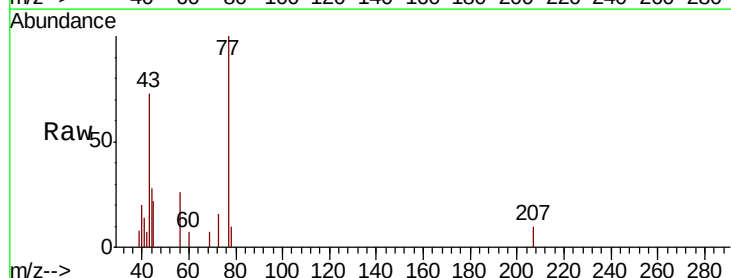
Instrument :  
MSVOA\_N  
ClientSampled :  
PB112798TB

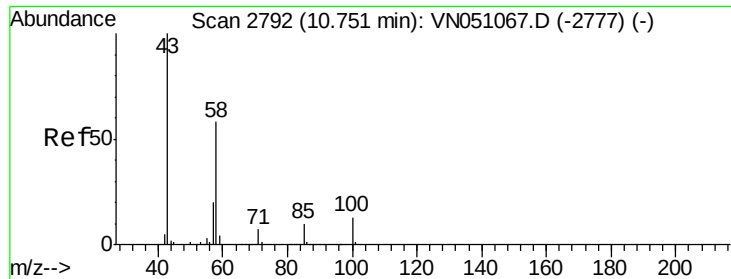
Tot Ion: 43 Resp: 1662  
Ion Ratio Lower Upper  
43 100  
58 58.9 33.5 50.3#



#56  
Ethyl methacrylate  
Concen: 2.46 ug/l  
RT: 10.29 min Scan# 2649  
Delta R.T. -0.14 min  
Lab File: VN051160.D  
Acq: 13 Sep 2018 10:14

Tgt Ion: 69 Resp: 63  
Ion Ratio Lower Upper  
69 100  
41 215.9 47.8 71.8#  
39 0.0 23.0 34.4#

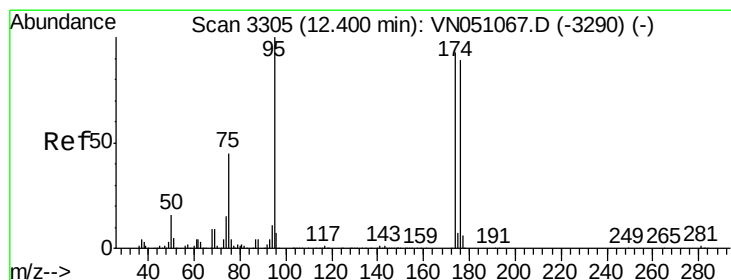
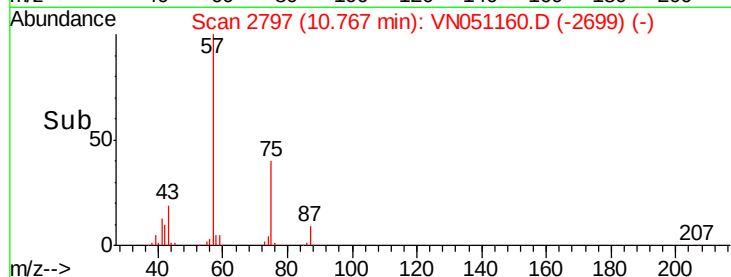
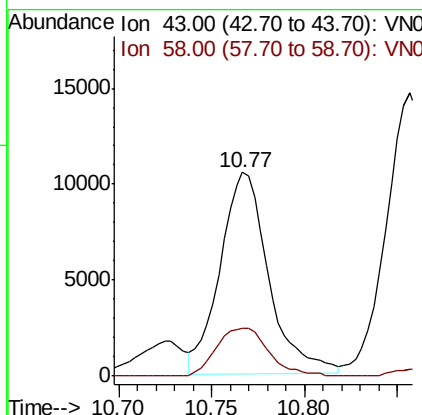
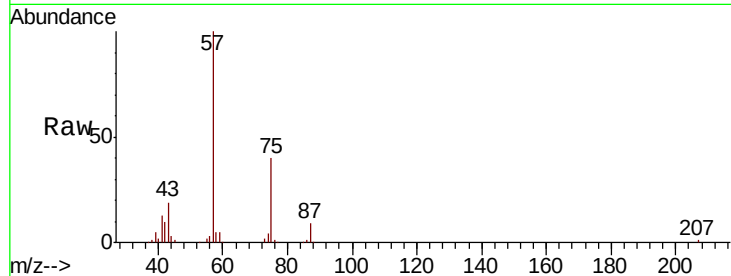




#59  
 2-Hexanone  
 Concen: 5.10 ug/l  
 RT: 10.77 min Scan# 2797  
 Delta R.T. 0.02 min  
 Lab File: VN051160.D  
 Acq: 13 Sep 2018 10:14

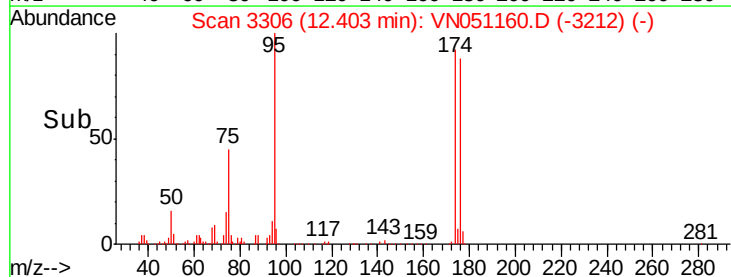
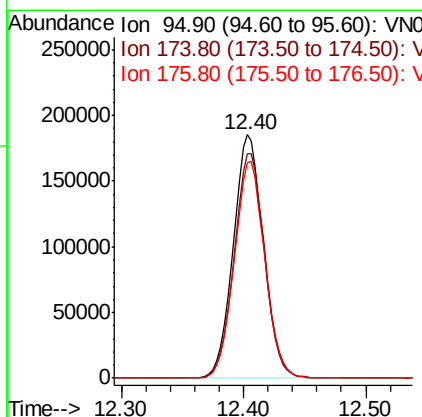
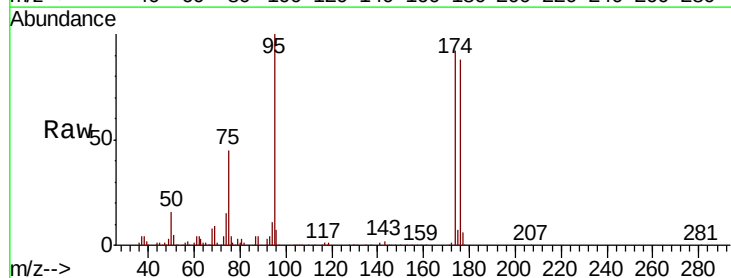
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB112798TB

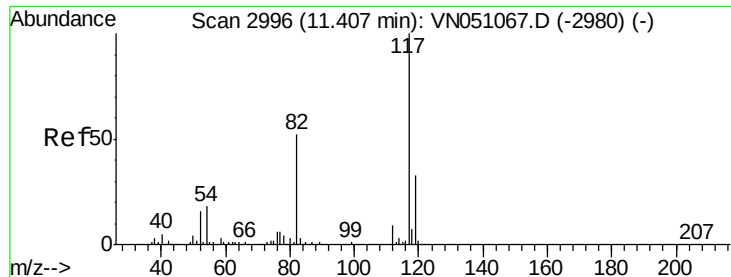
Tot Ion: 43 Resp: 19111  
 Ion Ratio Lower Upper  
 43 100  
 58 25.8 29.3 88.0#



#62  
 4-Bromofluorobenzene  
 Concen: 37.70 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN051160.D  
 Acq: 13 Sep 2018 10:14

Tgt Ion: 95 Resp: 316517  
 Ion Ratio Lower Upper  
 95 100  
 174 93.8 0.0 184.8  
 176 89.6 0.0 178.6

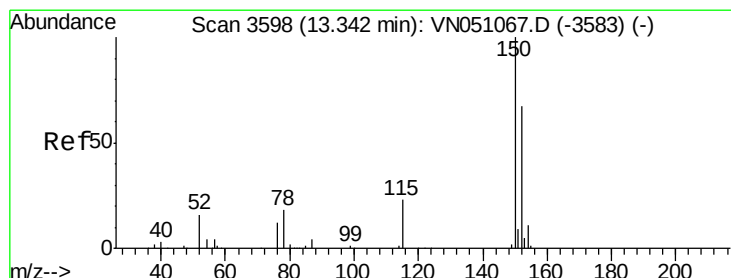
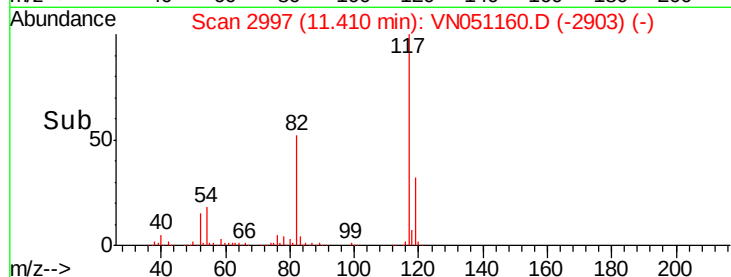
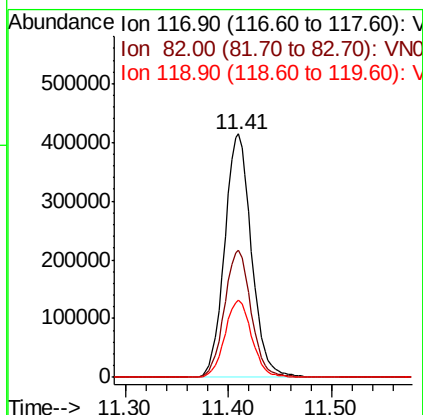
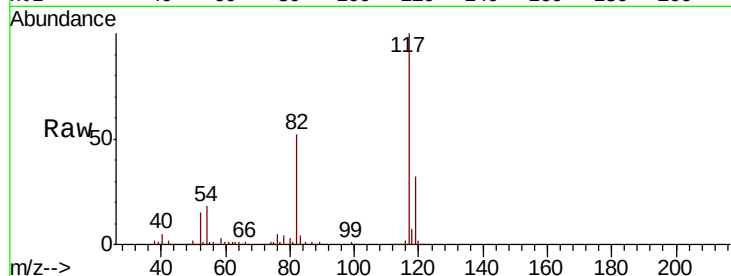




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN051160.D  
Acq: 13 Sep 2018 10:14

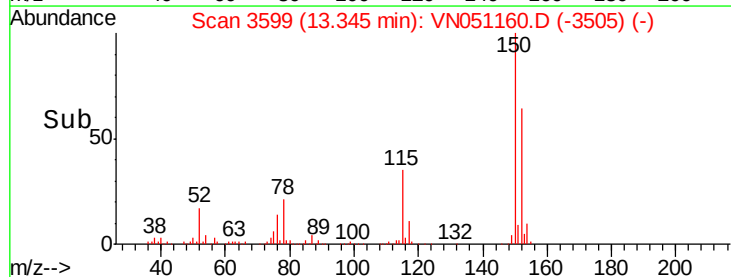
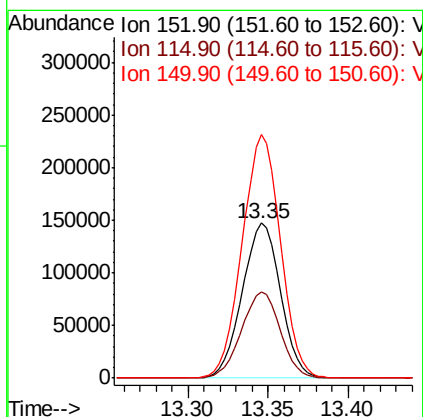
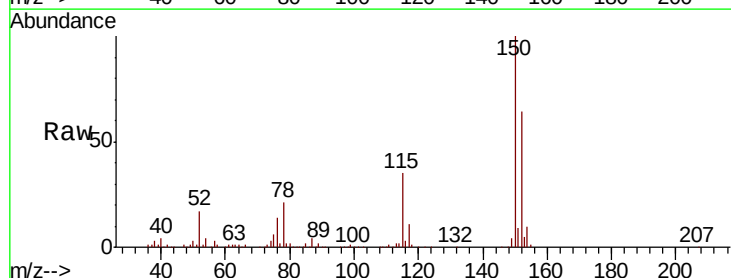
Instrument :  
MSVOA\_N  
ClientSampled :  
PB112798TB

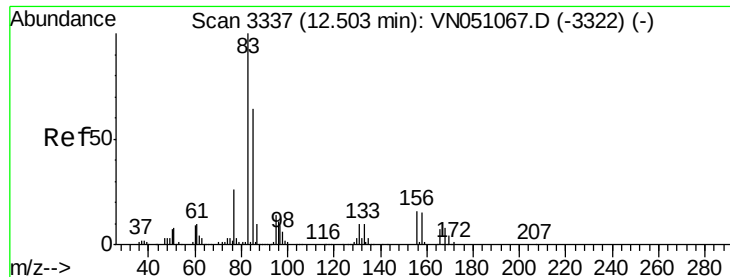
Tot Ion:117 Resp: 749620  
Ion Ratio Lower Upper  
117 100  
82 52.0 41.8 62.6  
119 31.6 26.2 39.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.35 min Scan# 3599  
Delta R.T. 0.00 min  
Lab File: VN051160.D  
Acq: 13 Sep 2018 10:14

Tgt Ion:152 Resp: 241695  
Ion Ratio Lower Upper  
152 100  
115 55.9 28.2 84.7  
150 156.8 0.0 349.0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN051160.D

Acq: 13 Sep 2018 10:14

Instrument :

MSVOA\_N

ClientSampleId :

PB112798TB

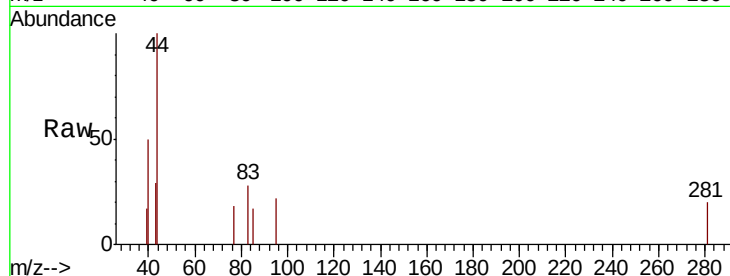
Tot Ion: 83 Resp: 324

Ion Ratio Lower Upper

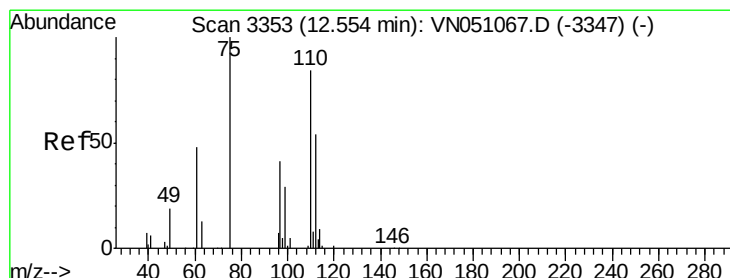
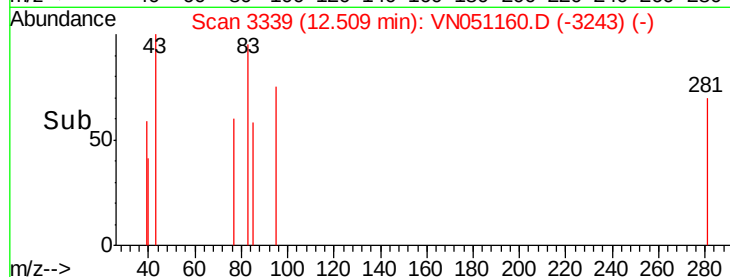
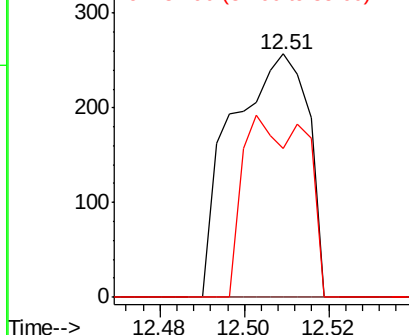
83 100

131 0.0 5.3 16.1#

85 61.1 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 37.90 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051160.D

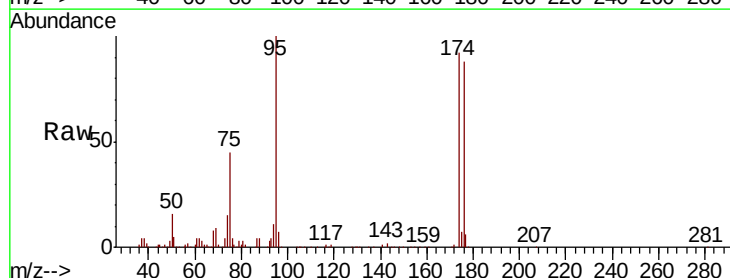
Acq: 13 Sep 2018 10:14

Tgt Ion: 75 Resp: 143382

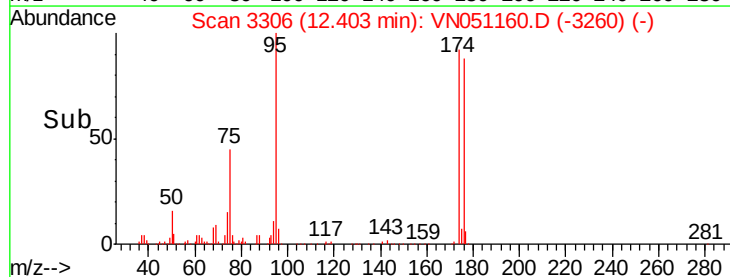
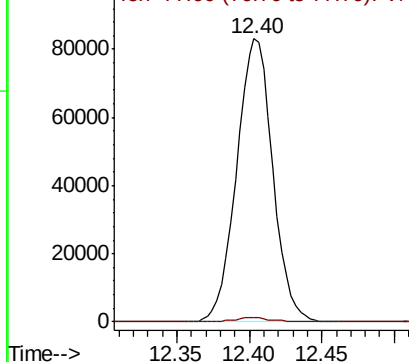
Ion Ratio Lower Upper

75 100

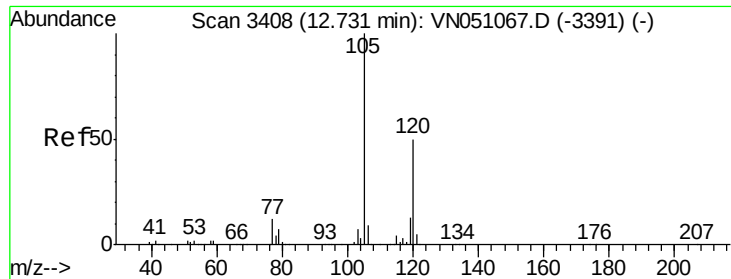
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO  
Ion 77.00 (76.70 to 77.70): VNO



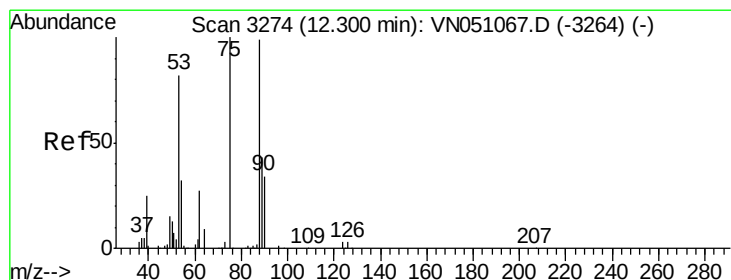
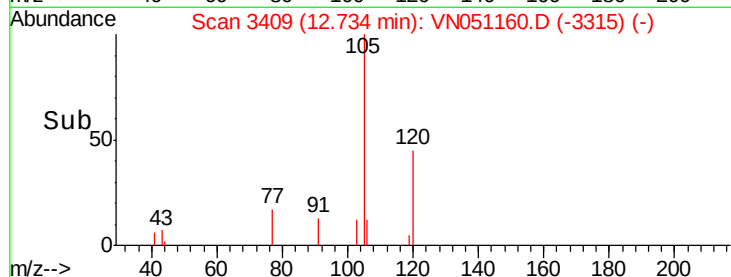
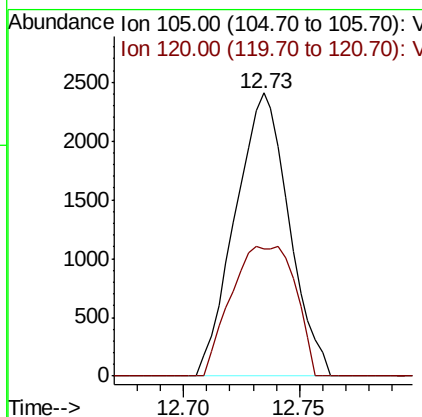
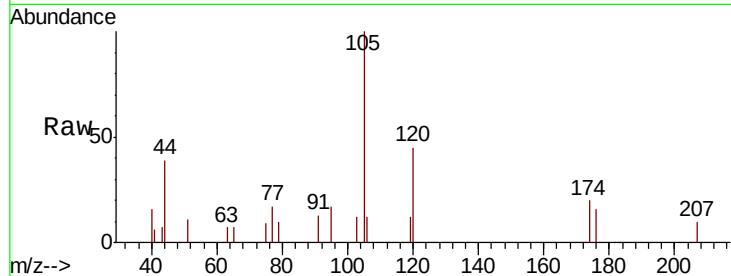




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.24 ug/l  
 RT: 12.73 min Scan# 3409  
 Delta R.T. 0.00 min  
 Lab File: VN051160.D  
 Acq: 13 Sep 2018 10:14

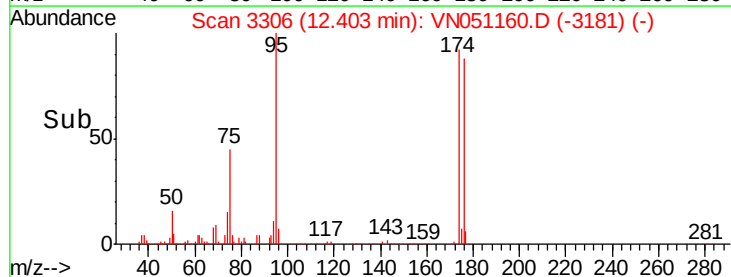
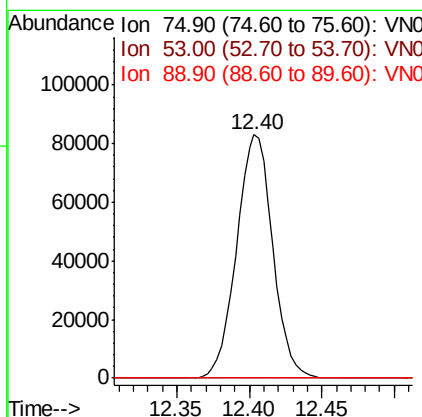
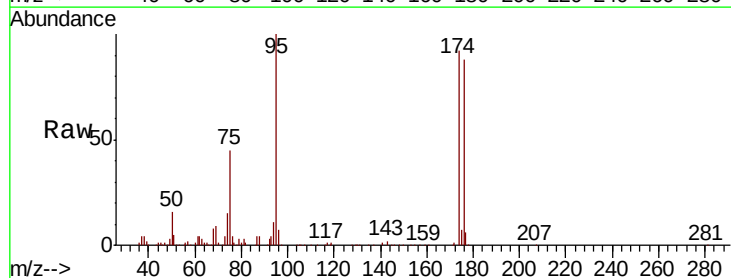
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 PB112798TB

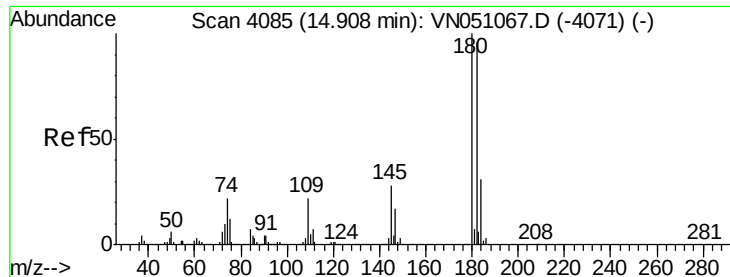
Tot Ion:105 Resp: 3882  
 Ion Ratio Lower Upper  
 105 100  
 120 54.7 24.9 74.6



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 112.67 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.10 min  
 Lab File: VN051160.D  
 Acq: 13 Sep 2018 10:14

Tgt Ion: 75 Resp: 143382  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 67.8 101.8#  
 89 0.0 36.0 54.0#





#93

1,2,4-Trichlorobenzene

Concen: 4.34 ua/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN051160.D

Acq: 13 Sep 2018 10:14

Instrument :

MSVOA\_N

ClientSampled :

PB112798TB

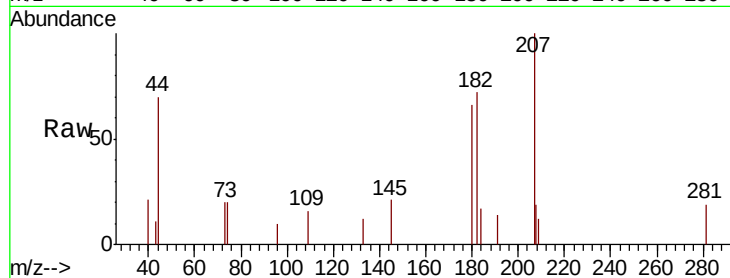
Tot Ion:180 Resp: 1713

Ion Ratio Lower Upper

180 100

182 103.9 47.3 141.8

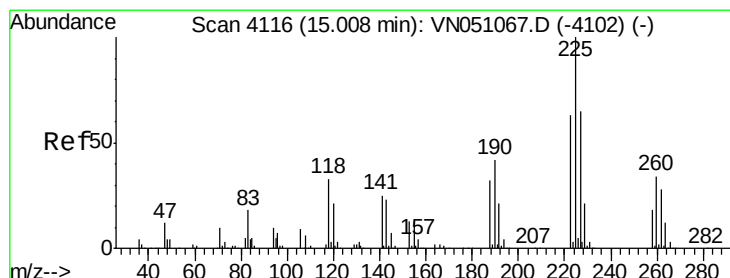
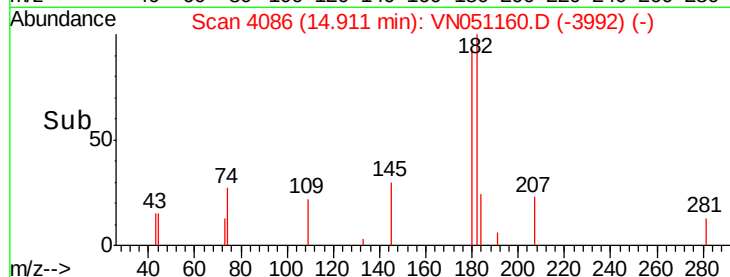
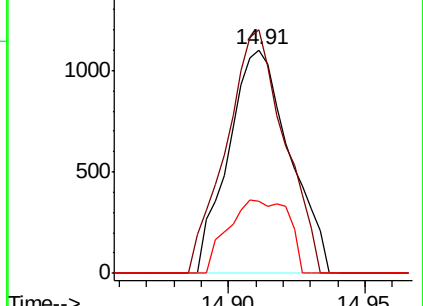
145 32.2 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN051160.D

Acq: 13 Sep 2018 10:14

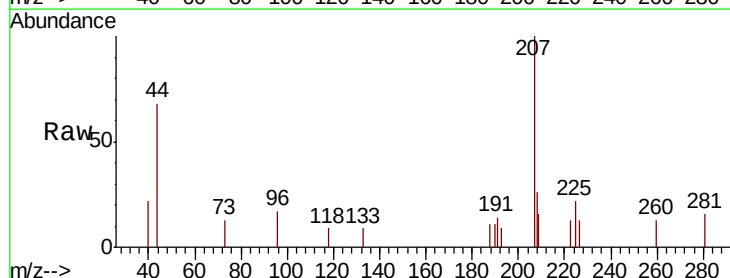
Tgt Ion:225 Resp: 265

Ion Ratio Lower Upper

225 100

223 0.0 31.4 94.0#

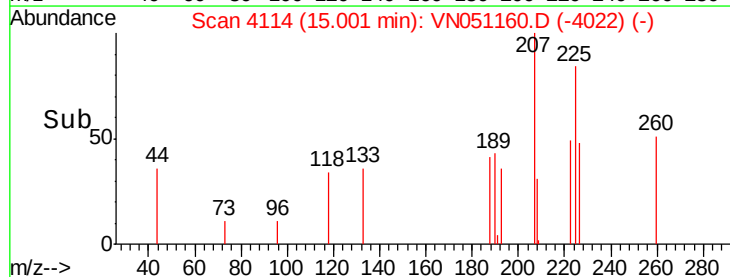
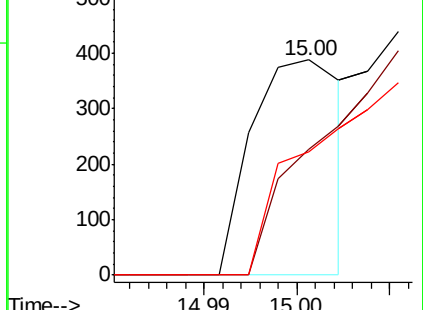
227 0.0 32.1 96.3#

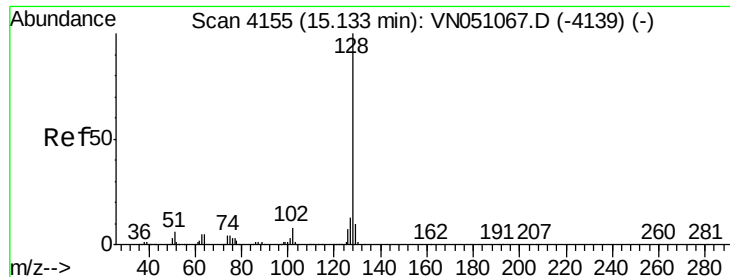


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.75 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN051160.D

Acq: 13 Sep 2018 10:14

Instrument :

MSVOA\_N

ClientSampleId :

PB112798TB

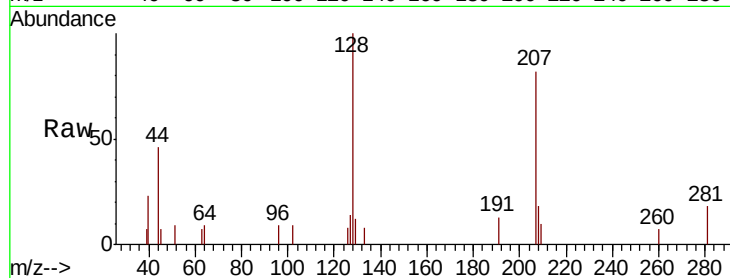
Tot Ion:128 Resp: 4159

Ion Ratio Lower Upper

128 100

127 12.4 10.6 15.8

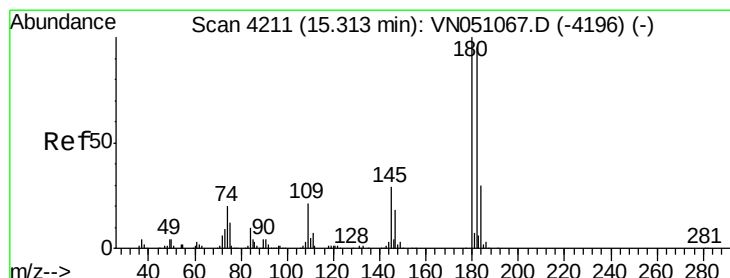
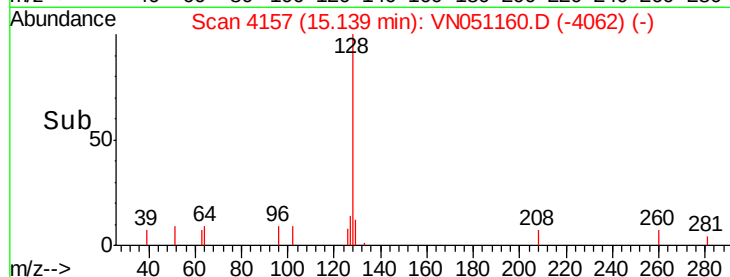
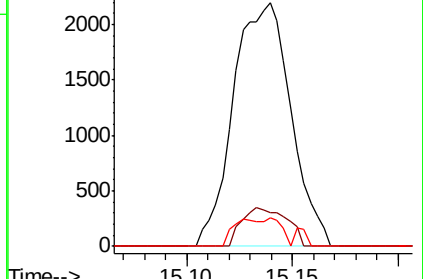
129 4.9 8.6 12.8#



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: 3.37 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051160.D

Acq: 13 Sep 2018 10:14

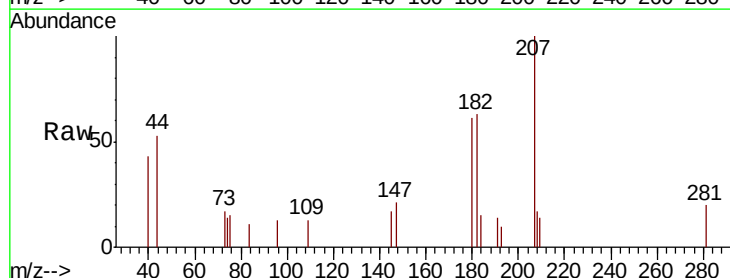
Tgt Ion:180 Resp: 1881

Ion Ratio Lower Upper

180 100

182 108.3 47.8 143.3

145 31.1 14.6 43.8



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

