

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\  
 Data File : VN050183.D  
 Acq On : 30 Jul 2018 13:30  
 Operator : MD\SY  
 Sample : PB111570ZHE#03  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB111570ZHE#03

Quant Time: Jul 31 01:10:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 26 18:10:10 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 653903   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1086785  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 953834   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 341841   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 459255   | 50.34 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.68% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 415094   | 46.78 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.56%  |      |
| 50) Toluene-d8            | 10.09  | 98  | 1491349  | 45.72 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.44%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 428638   | 39.90 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 79.80%  |      |

## Target Compounds

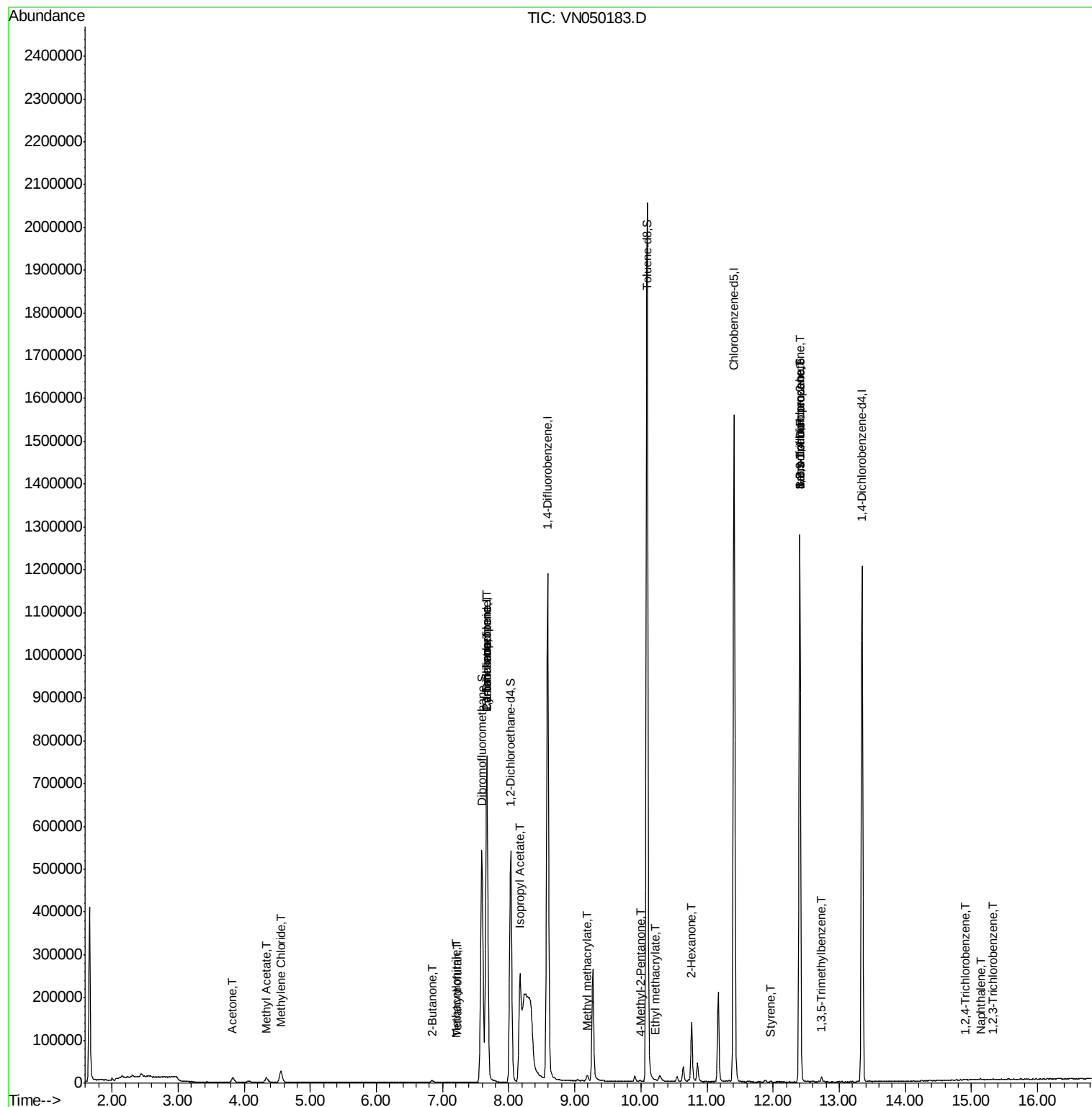
|                                |       |     |        |           |        | Qvalue |
|--------------------------------|-------|-----|--------|-----------|--------|--------|
| 5) Bromomethane                | 2.54  | 94  | 34     | Below Cal | #      | 3      |
| 16) Acetone                    | 3.83  | 43  | 19871  | 4.99      | ug/l   | 95     |
| 18) Methyl Acetate             | 4.34  | 43  | 21434  | 0.97      | ug/l   | 97     |
| 20) Methylene Chloride         | 4.56  | 84  | 20373  | 1.30      | ug/l   | 92     |
| 25) 2-Butanone                 | 6.86  | 43  | 3185   | 0.92      | ug/l   | 93     |
| 29) Tetrahydrofuran            | 7.22  | 42  | 565    | 0.25      | ug/l # | 47     |
| 31) Cyclohexane                | 7.67  | 56  | 12052  | 0.89      | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.67  | 75  | 46018  | 3.76      | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 7.67  | 117 | 57898  | 4.46      | ug/l # | 16     |
| 41) Methacrylonitrile          | 7.20  | 41  | 180    | 2.79      | ug/l # | 10     |
| 43) Isopropyl Acetate          | 8.17  | 43  | 348612 | 21.01     | ug/l # | 90     |
| 48) Methyl methacrylate        | 9.18  | 41  | 7648   | 1.04      | ug/l # | 21     |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43  | 2360   | 0.28      | ug/l # | 78     |
| 56) Ethyl methacrylate         | 10.23 | 69  | 1765   | 2.17      | ug/l # | 57     |
| 59) 2-Hexanone                 | 10.77 | 43  | 20674  | 8.46      | ug/l # | 59     |
| 70) Styrene                    | 11.96 | 104 | 314    | 0.94      | ug/l # | 39     |
| 71) Bromoform                  | 12.40 | 173 | 2343   | 0.35      | ug/l # | 1      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.41 | 83  | 174    | Below Cal | #      | 1      |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75  | 207752 | 32.70     | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105 | 5054   | 0.24      | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75  | 207752 | 103.73    | ug/l # | 13     |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180 | 696    | 3.19      | ug/l # | 73     |
| 95) Naphthalene                | 15.14 | 128 | 1959   | 4.53      | ug/l # | 88     |
| 96) 1,2,3-Trichlorobenzene     | 15.32 | 180 | 447    | 2.27      | ug/l   | 78     |

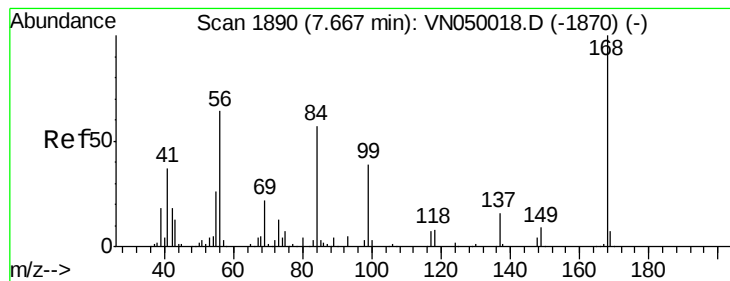
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Jul 26 18:10:10 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: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

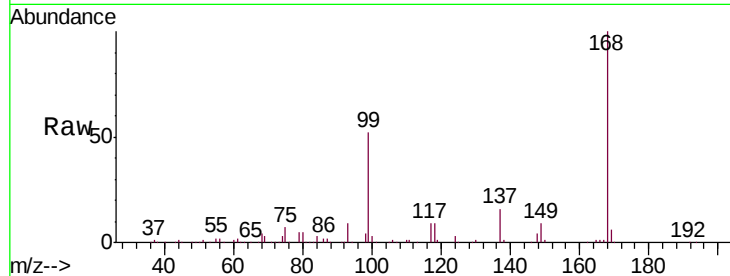
PB111570ZHE#03

Tot Ion:168 Resp: 653903

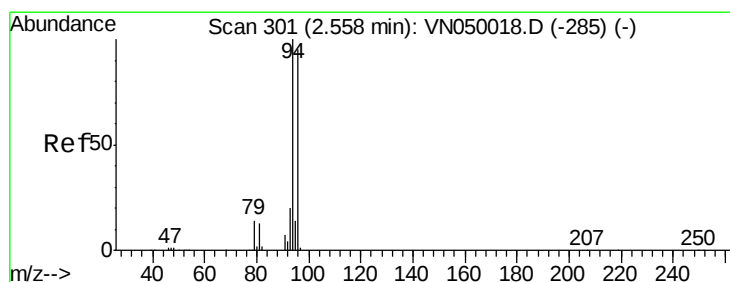
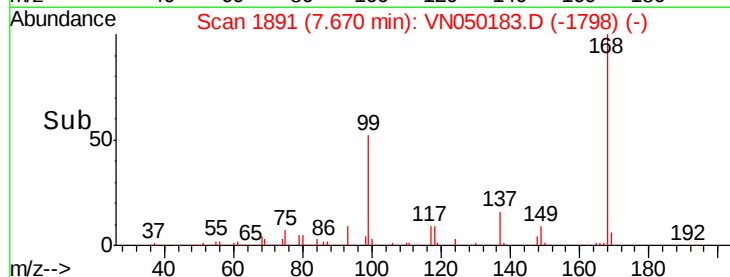
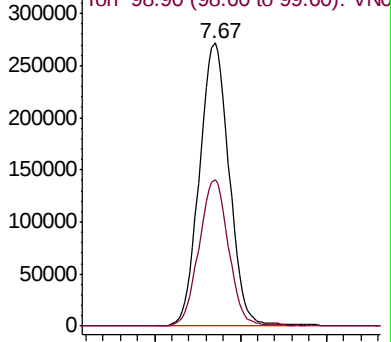
Ion Ratio Lower Upper

168 100

99 51.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050183.D (-1798) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 294

Delta R.T. -0.02 min

Lab File: VN050183.D

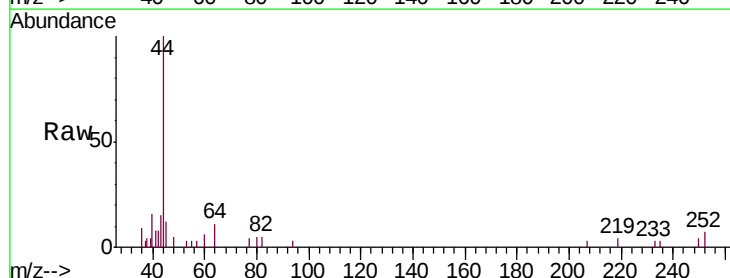
Acq: 30 Jul 2018 13:30

Tgt Ion: 94 Resp: 34

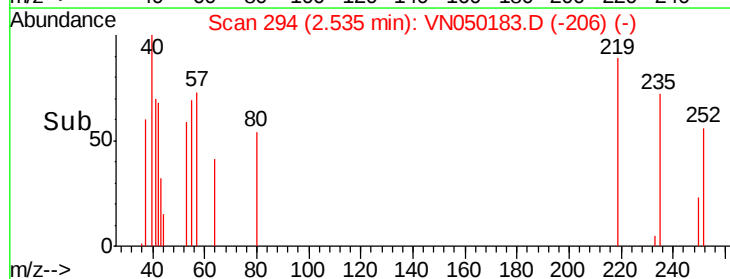
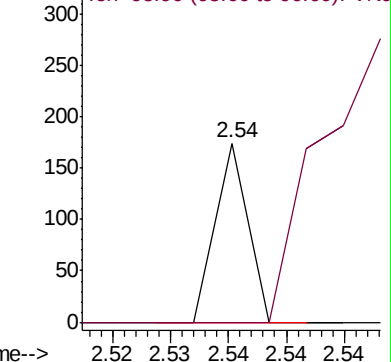
Ion Ratio Lower Upper

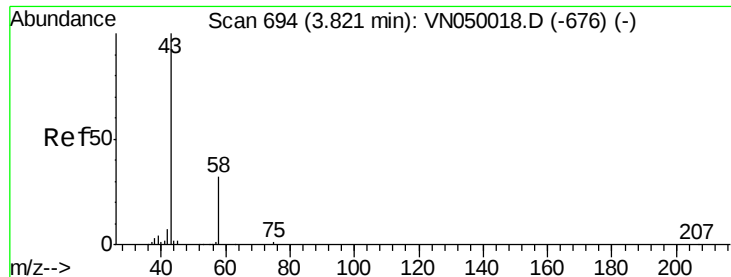
94 100

96 0.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN050183.D (-206) (-)





#16

Acetone

Concen: 4.99 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

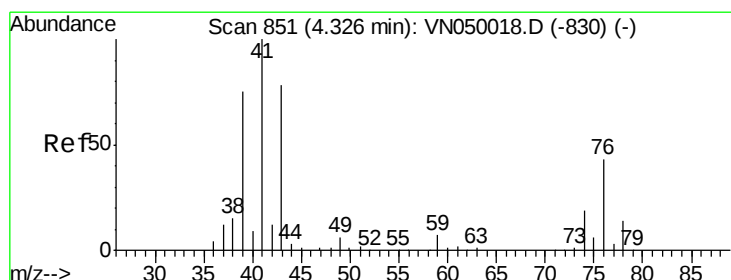
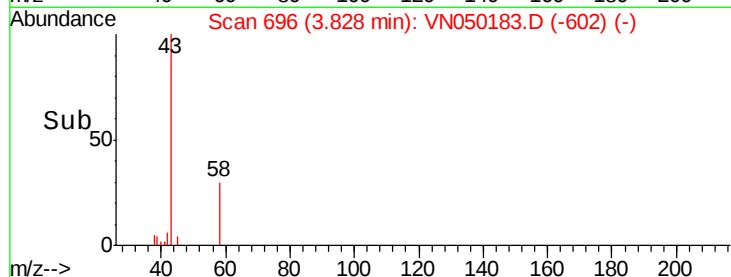
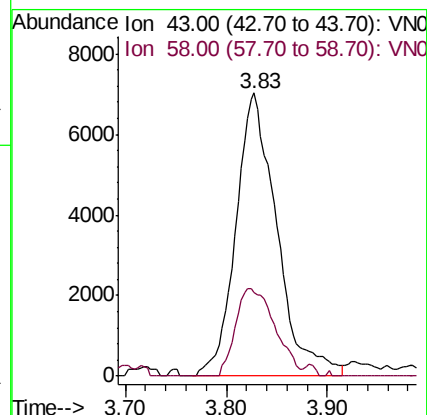
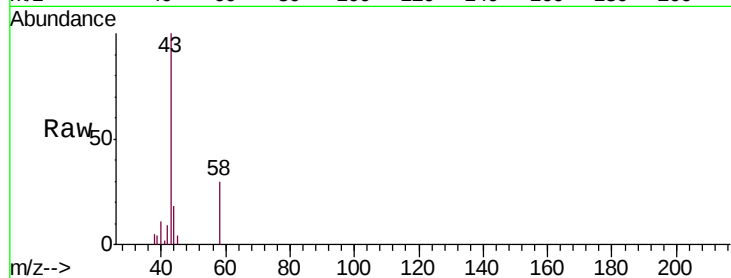
PB111570ZHE#03

Tot Ion: 43 Resp: 19871

Ion Ratio Lower Upper

43 100

58 29.6 25.8 38.8



#18

Methyl Acetate

Concen: 0.97 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050183.D

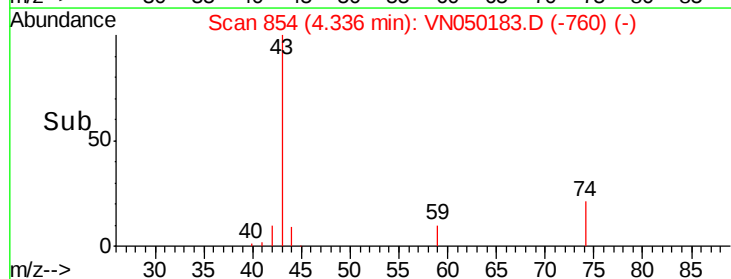
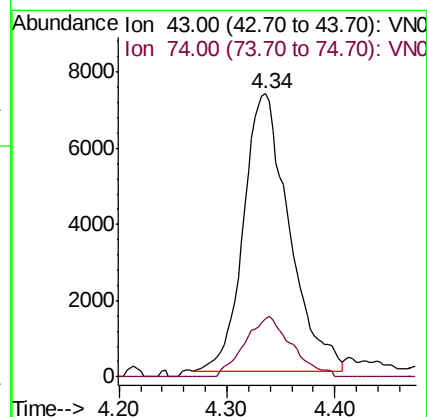
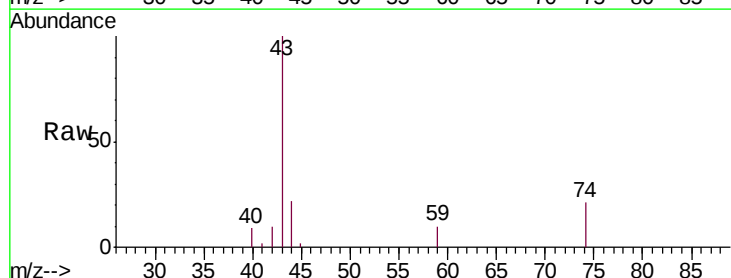
Acq: 30 Jul 2018 13:30

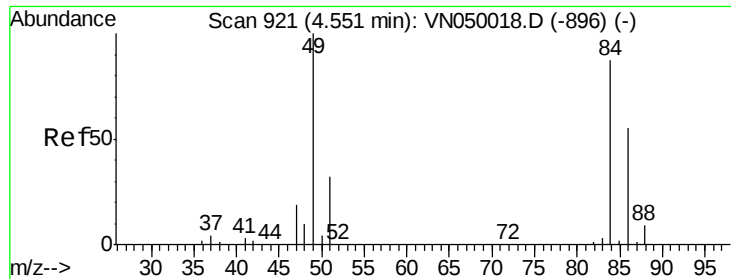
Tgt Ion: 43 Resp: 21434

Ion Ratio Lower Upper

43 100

74 22.4 19.2 28.8

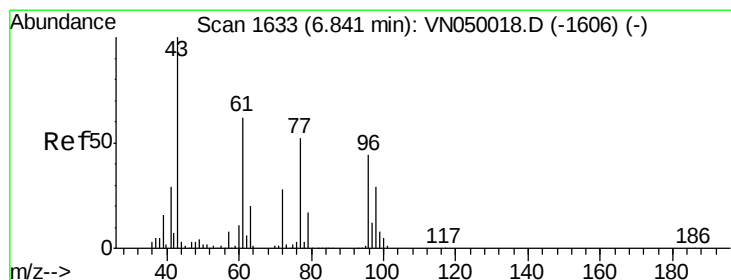
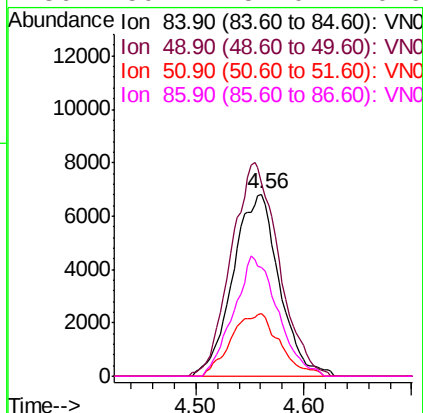
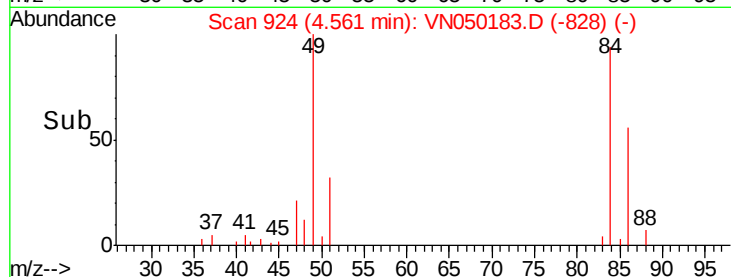
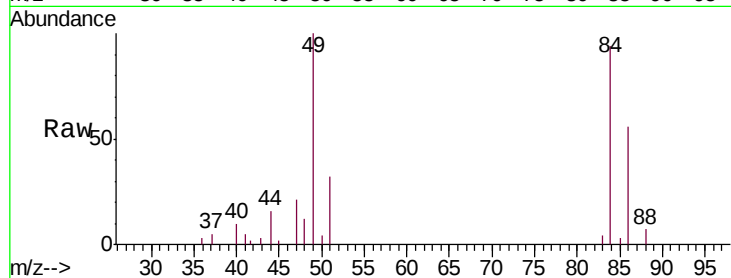




#20  
Methvlene Chloride  
Concen: 1.30 ug/l  
RT: 4.56 min Scan# 924  
Delta R.T. 0.01 min  
Lab File: VN050183.D  
Acq: 30 Jul 2018 13:30

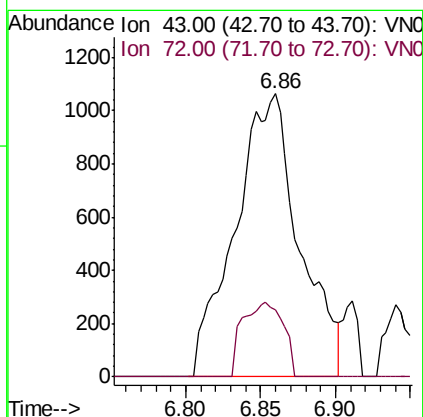
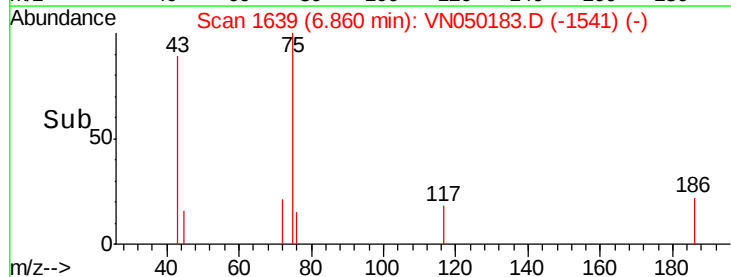
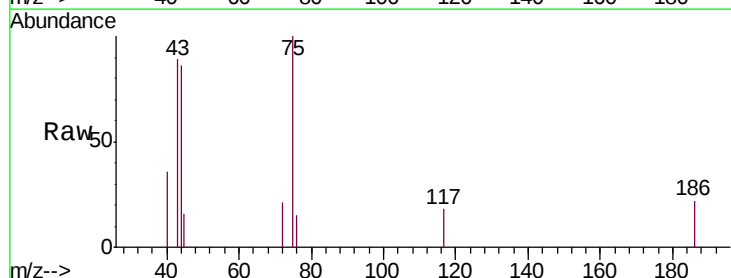
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB111570ZHE#03

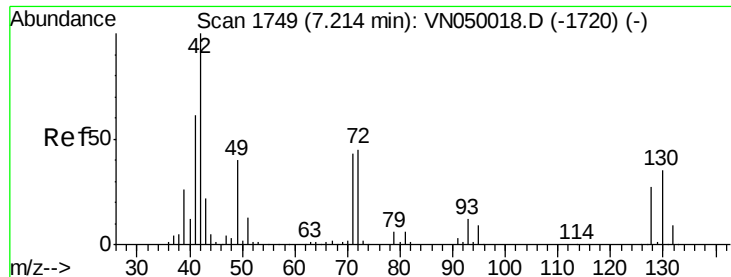
Tot Ion: 84 Resp: 20373  
Ion Ratio Lower Upper  
84 100  
49 106.6 94.8 142.2  
51 34.4 28.3 42.5  
86 59.7 51.0 76.6



#25  
2-Butanone  
Concen: 0.92 ug/l  
RT: 6.86 min Scan# 1639  
Delta R.T. 0.02 min  
Lab File: VN050183.D  
Acq: 30 Jul 2018 13:30

Tgt Ion: 43 Resp: 3185  
Ion Ratio Lower Upper  
43 100  
72 23.5 21.5 32.3





#29

Tetrahydrofuran

Concen: 0.25 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

PB111570ZHE#03

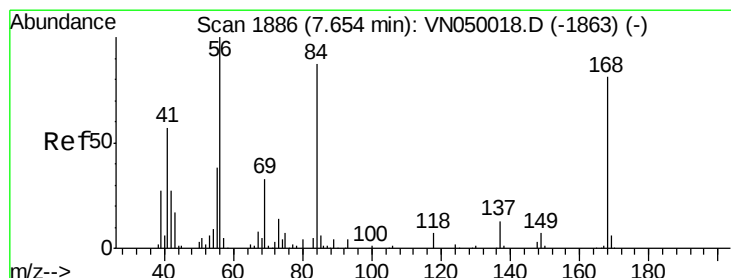
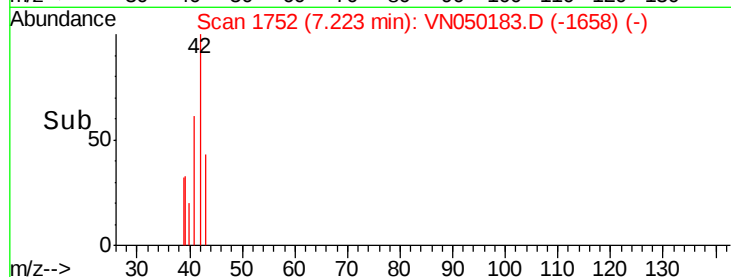
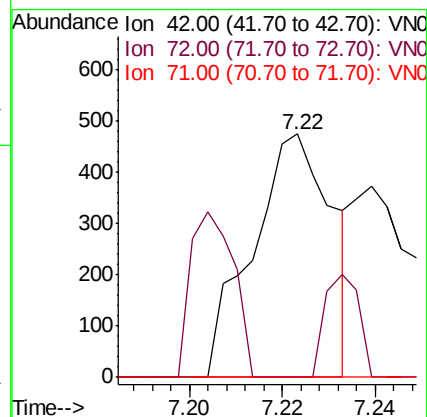
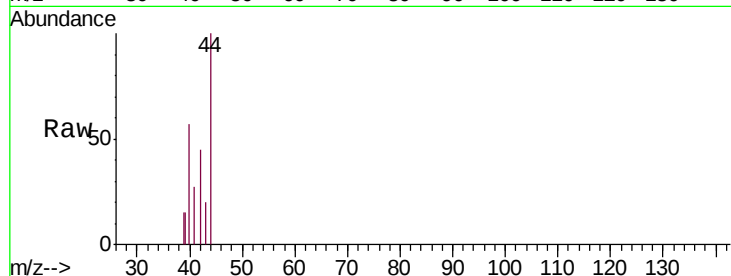
Tot Ion: 42 Resp: 565

Ion Ratio Lower Upper

42 100

72 18.4 35.9 53.9#

71 0.0 33.7 50.5#



#31

Cyclohexane

Concen: 0.89 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

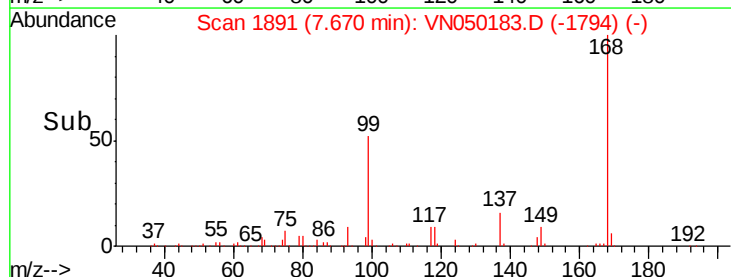
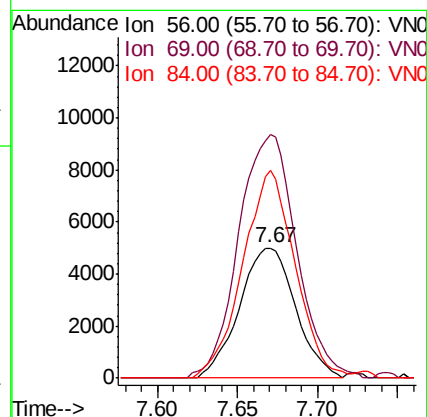
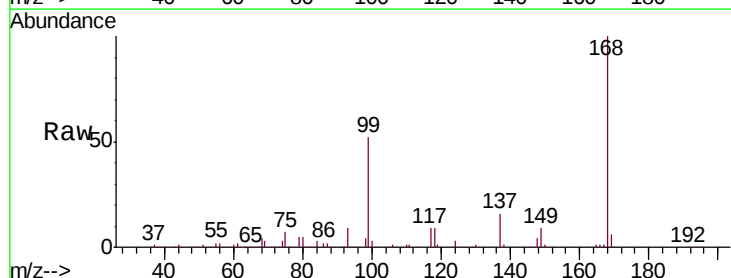
Tgt Ion: 56 Resp: 12052

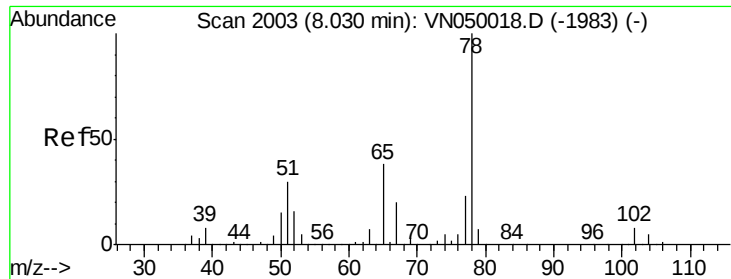
Ion Ratio Lower Upper

56 100

69 182.7 26.2 39.4#

84 159.4 67.4 101.0#





#33

1,2-Dichloroethane-d4

Concen: 50.34 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

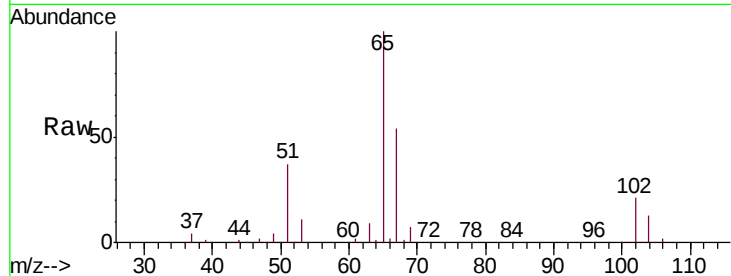
PB111570ZHE#03

Tot Ion: 65 Resp: 459255

Ion Ratio Lower Upper

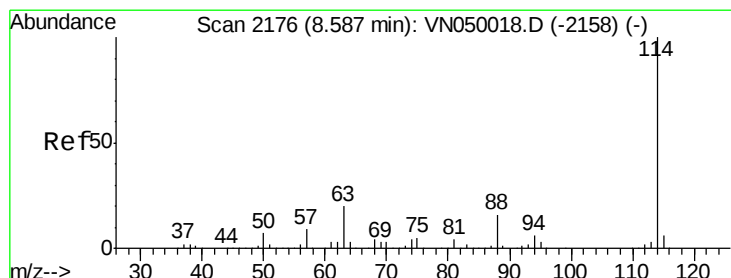
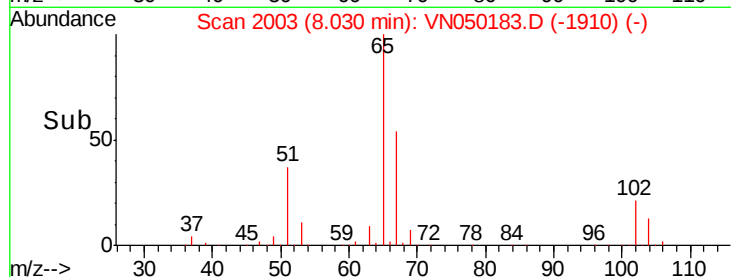
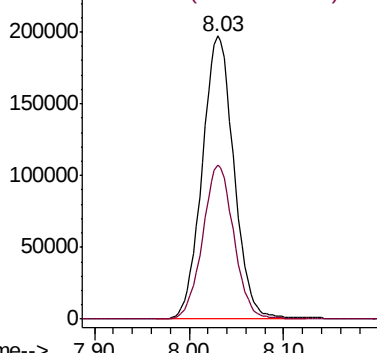
65 100

67 53.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

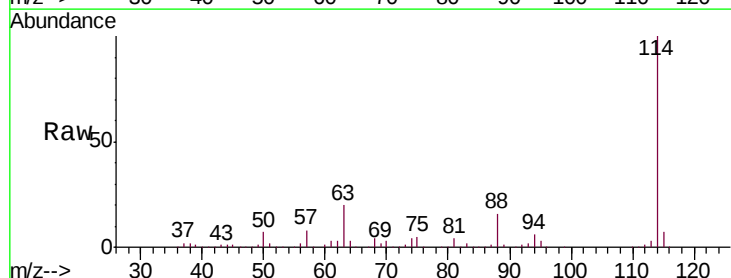
Tgt Ion: 114 Resp: 1086785

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

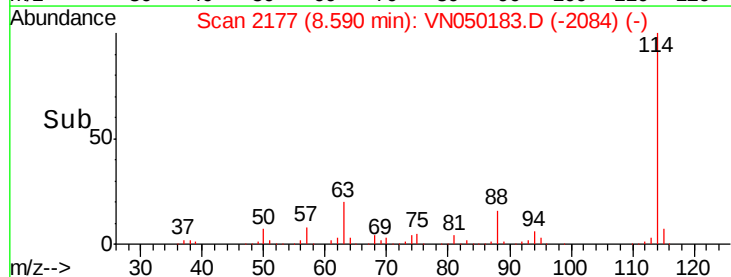
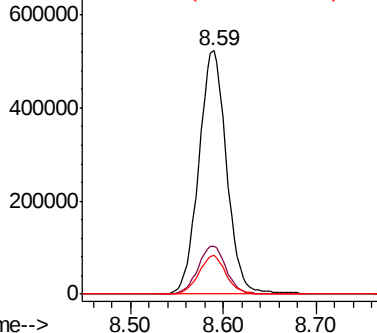
88 15.7 0.0 31.2

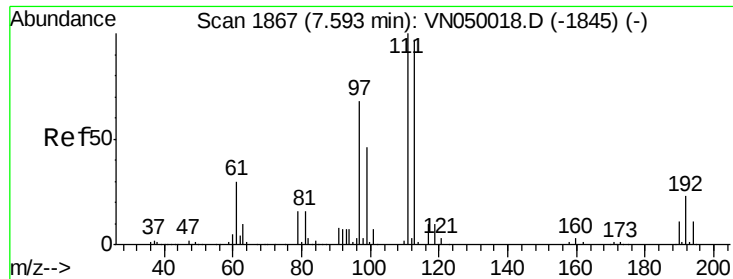


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

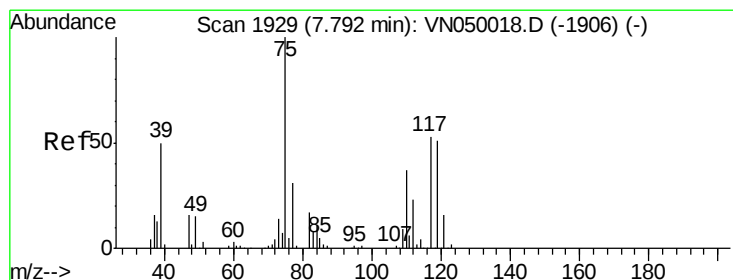
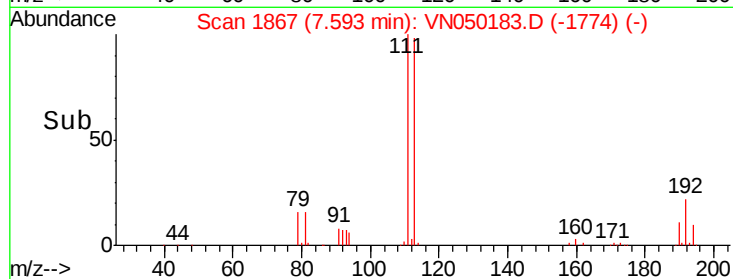
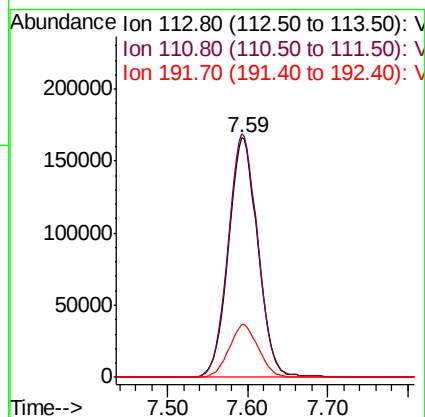
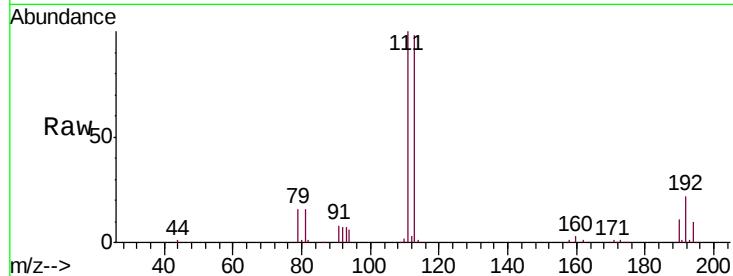




#35  
 Dibromofluoromethane  
 Concen: 46.78 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN050183.D  
 Acq: 30 Jul 2018 13:30

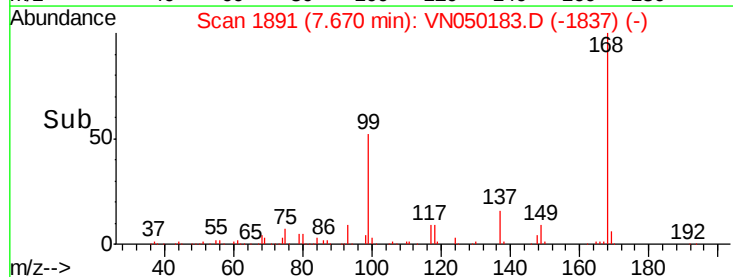
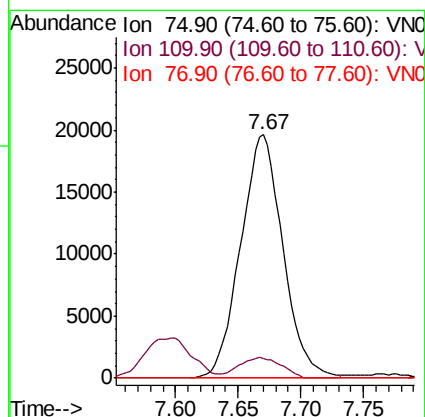
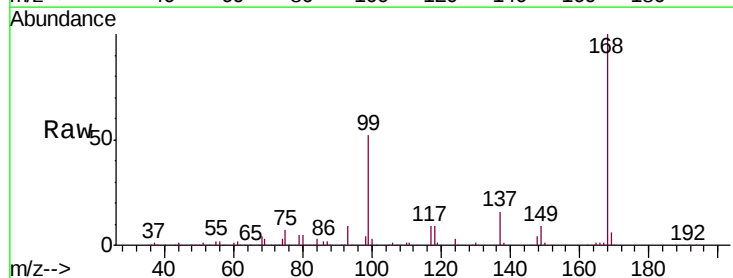
Instrument :  
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 PB111570ZHE#03

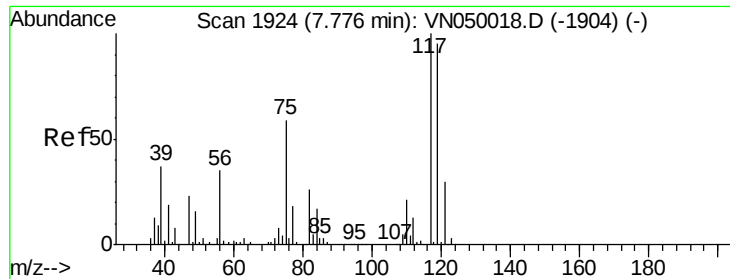
Tot Ion:113 Resp: 415094  
 Ion Ratio Lower Upper  
 113 100  
 111 102.1 80.7 121.1  
 192 21.9 17.8 26.6



#36  
 1,1-Dichloropropene  
 Concen: 3.76 ug/l  
 RT: 7.67 min Scan# 1891  
 Delta R.T. -0.13 min  
 Lab File: VN050183.D  
 Acq: 30 Jul 2018 13:30

Tgt Ion: 75 Resp: 46018  
 Ion Ratio Lower Upper  
 75 100  
 110 8.6 18.4 55.2#  
 77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.46 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

PB111570ZHE#03

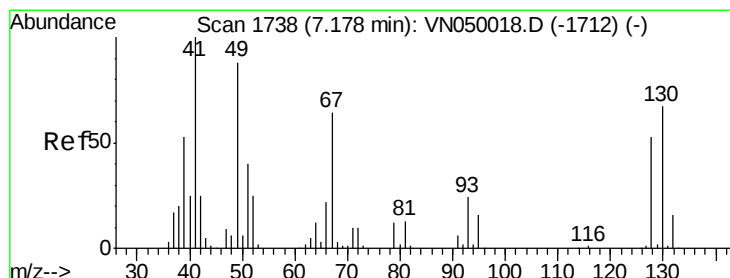
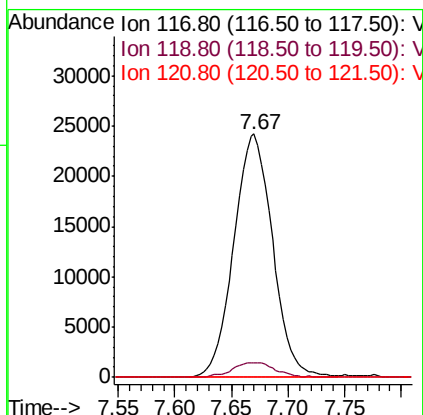
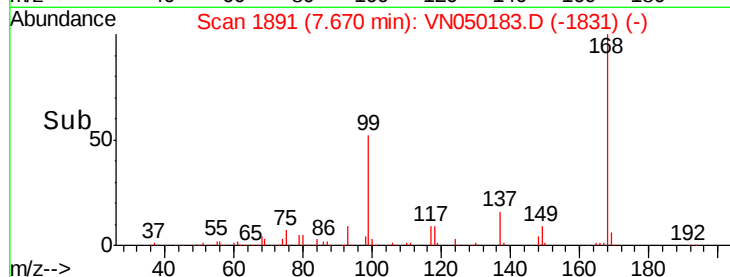
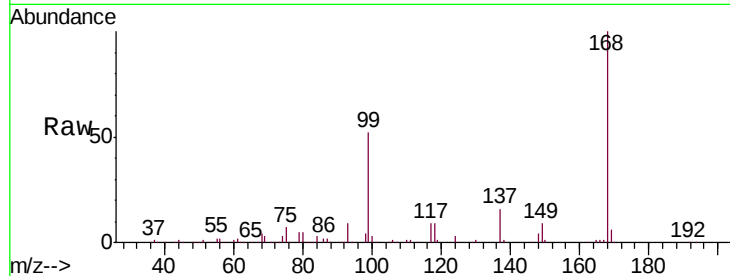
Tot Ion:117 Resp: 57898

Ion Ratio Lower Upper

117 100

119 6.0 77.4 116.0#

121 0.0 23.9 35.9#



#41

Methacrylonitrile

Concen: 2.79 ug/l

RT: 7.20 min Scan# 1746

Delta R.T. 0.03 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Tgt Ion: 41 Resp: 180

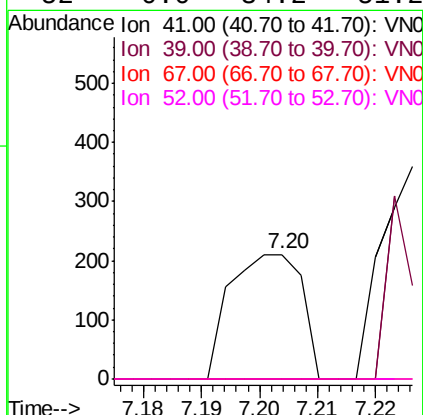
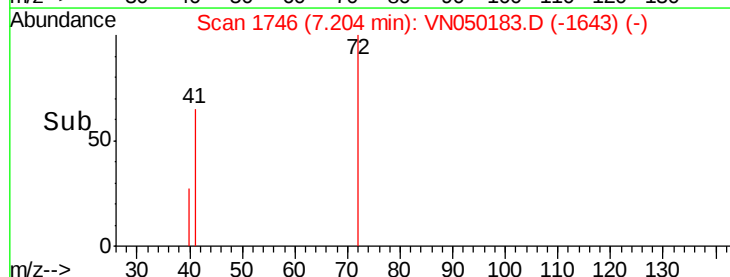
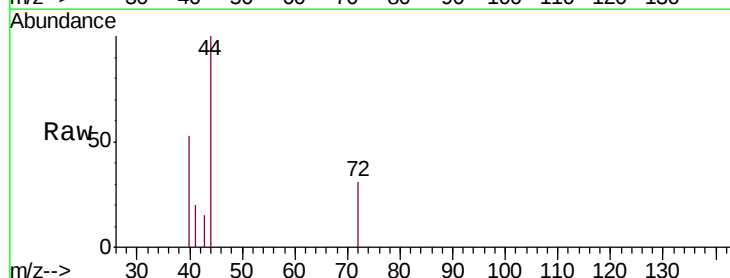
Ion Ratio Lower Upper

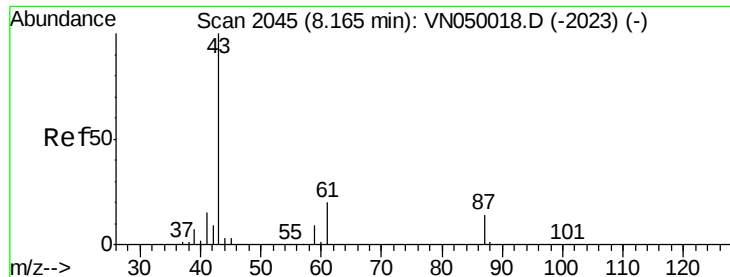
41 100

39 0.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#





#43

Isopropyl Acetate

Concen: 21.01 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

PB111570ZHE#03

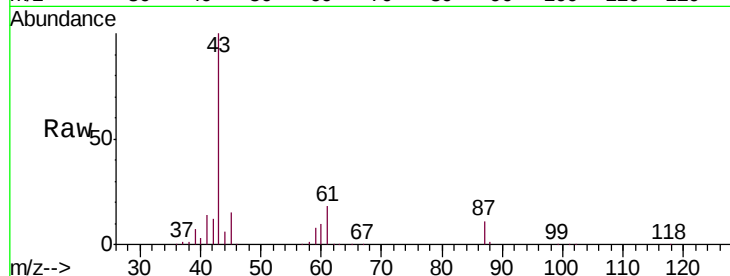
Tot Ion: 43 Resp: 348612

Ion Ratio Lower Upper

43 100

61 14.6 15.8 23.6#

87 9.2 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 61.00 (60.70 to 61.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

150000

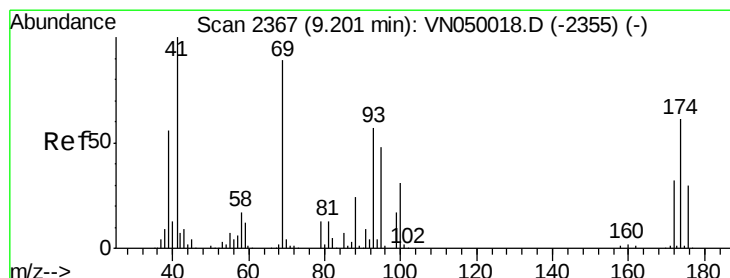
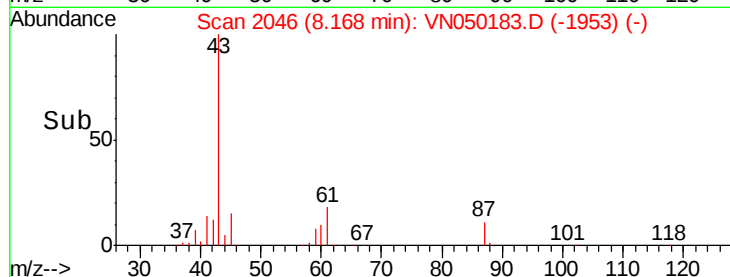
100000

50000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#48

Methyl methacrylate

Concen: 1.04 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

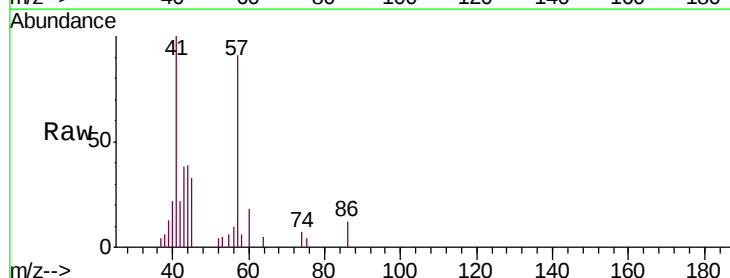
Tgt Ion: 41 Resp: 7648

Ion Ratio Lower Upper

41 100

69 0.0 70.6 105.8#

39 16.6 43.9 65.9#



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

15000

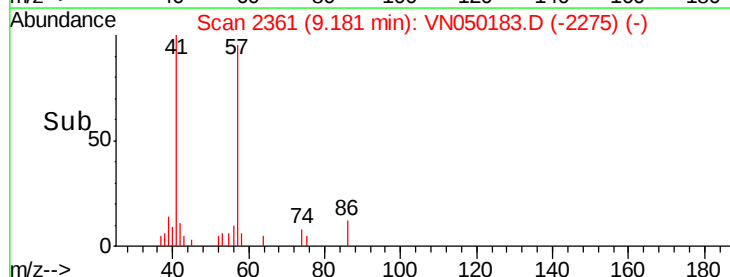
10000

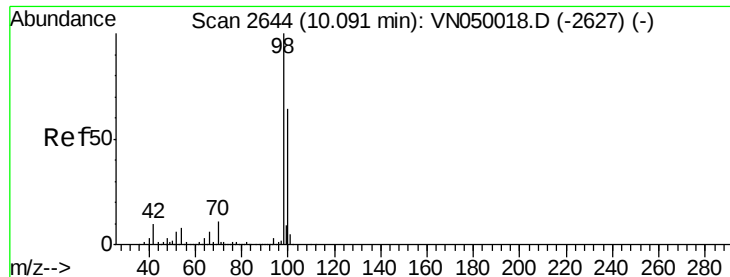
5000

0

9.15 9.20 9.25

Time-->





#50

Toluene-d8

Concen: 45.72 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

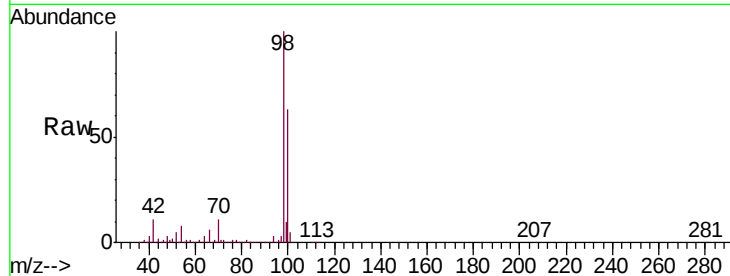
PB111570ZHE#03

Tot Ion: 98 Resp: 1491349

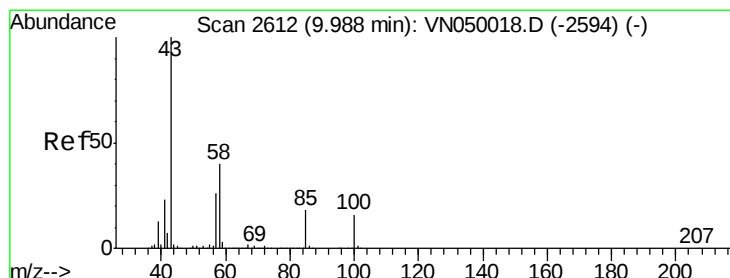
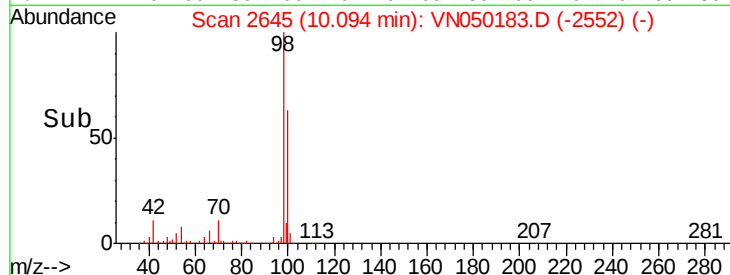
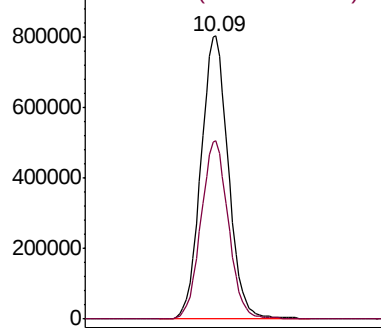
Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.28 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050183.D

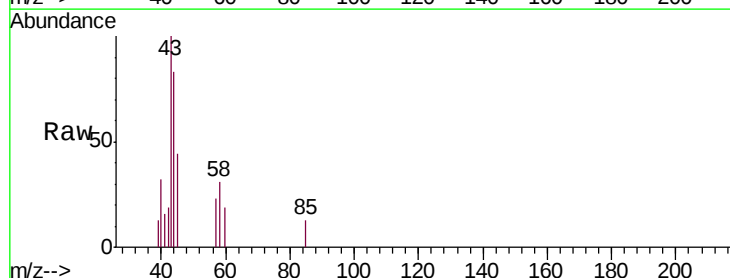
Acq: 30 Jul 2018 13:30

Tgt Ion: 43 Resp: 2360

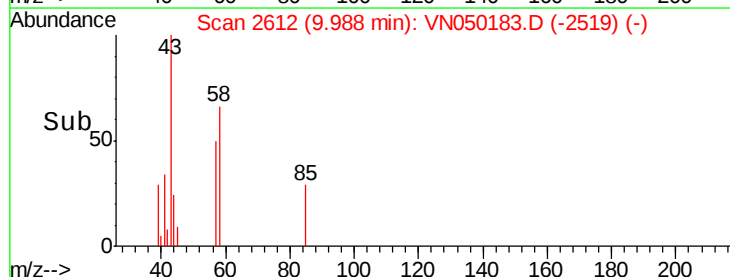
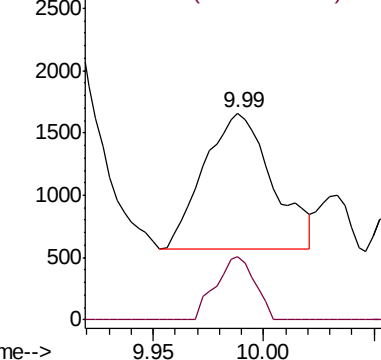
Ion Ratio Lower Upper

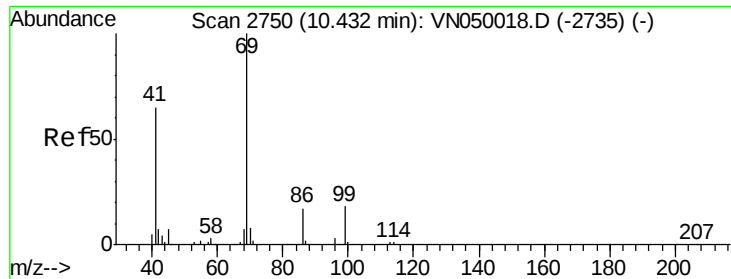
43 100

58 26.5 31.9 47.9#



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2594) (-)





#56

Ethyl methacrylate

Concen: 2.17 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.21 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

PB111570ZHE#03

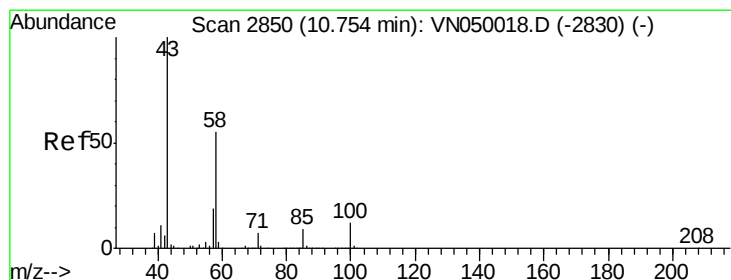
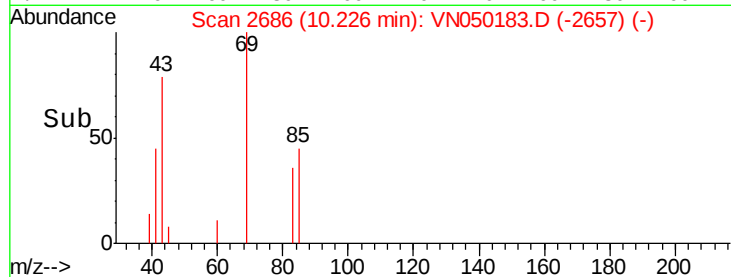
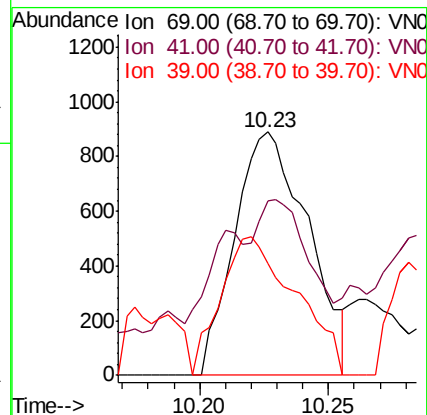
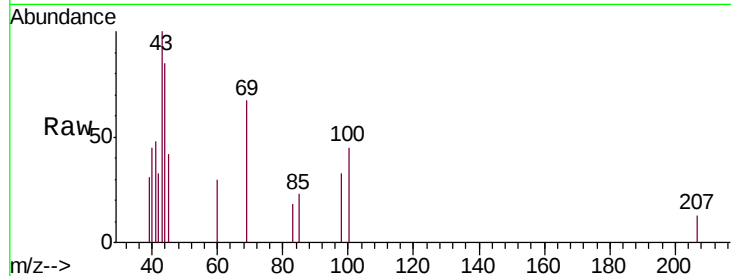
Tot Ion: 69 Resp: 1765

Ion Ratio Lower Upper

69 100

41 29.9 51.0 76.4#

39 58.0 26.6 40.0#



#59

2-Hexanone

Concen: 8.46 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050183.D

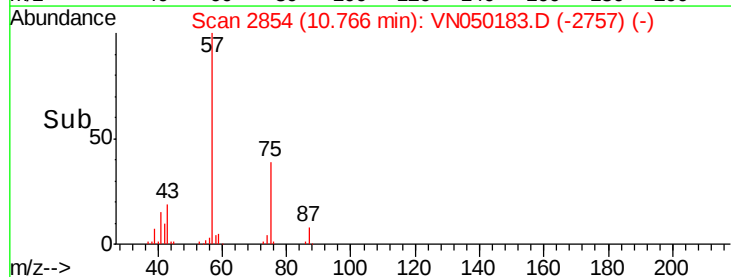
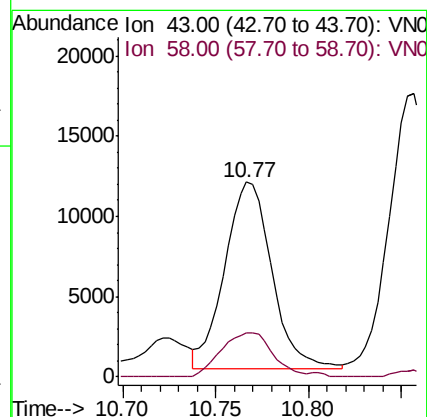
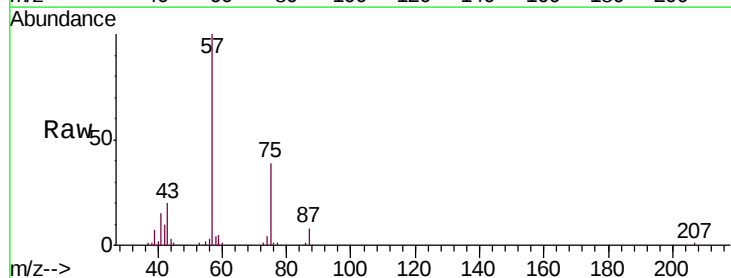
Acq: 30 Jul 2018 13:30

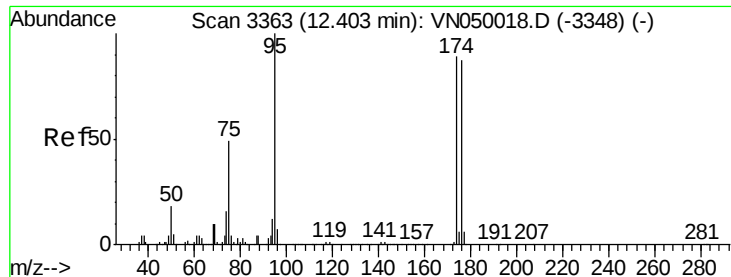
Tgt Ion: 43 Resp: 20674

Ion Ratio Lower Upper

43 100

58 25.8 27.6 82.7#

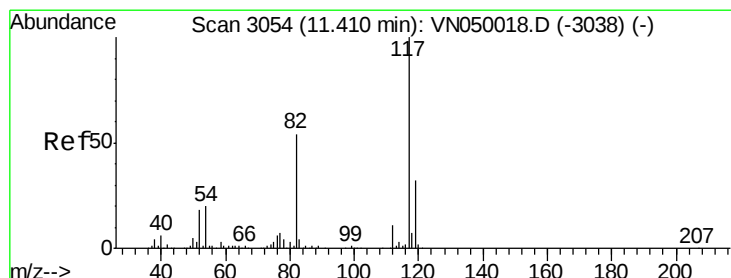
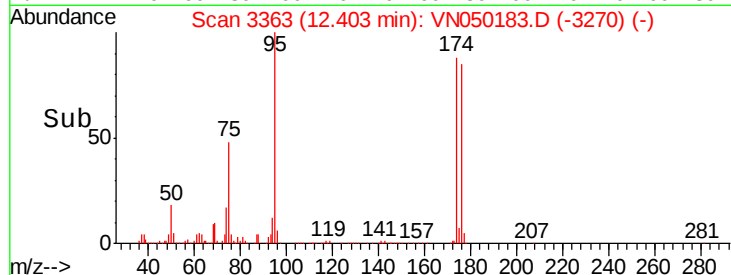
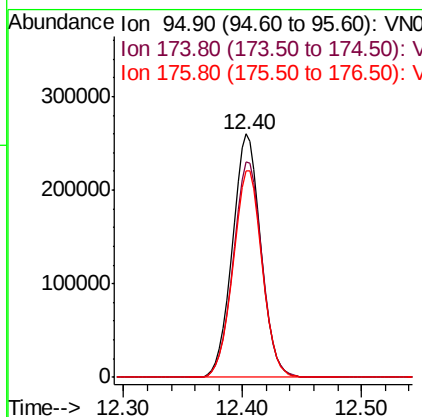
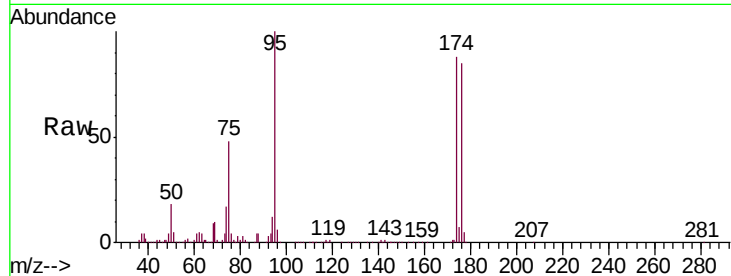




#62  
4-Bromofluorobenzene  
Concen: 39.90 ug/l  
RT: 12.40 min Scan# 3363  
Delta R.T. 0.00 min  
Lab File: VN050183.D  
Acq: 30 Jul 2018 13:30

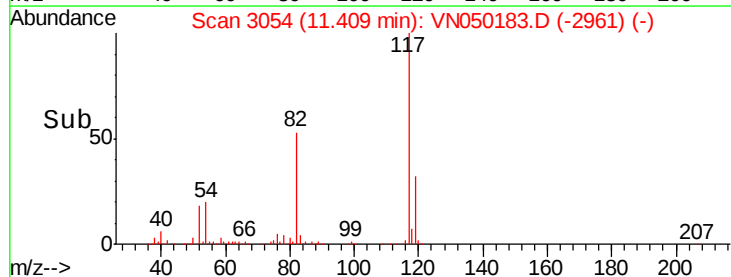
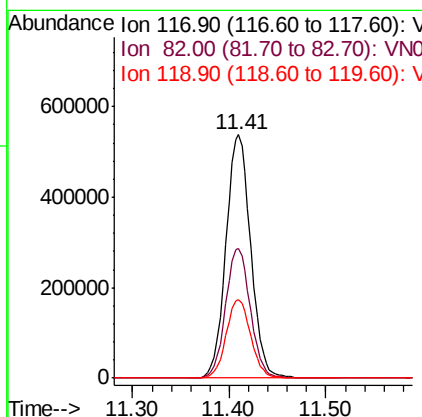
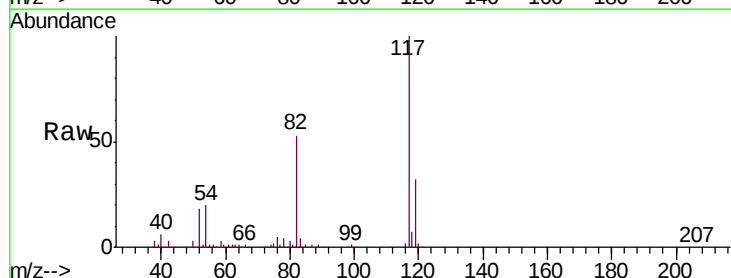
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB111570ZHE#03

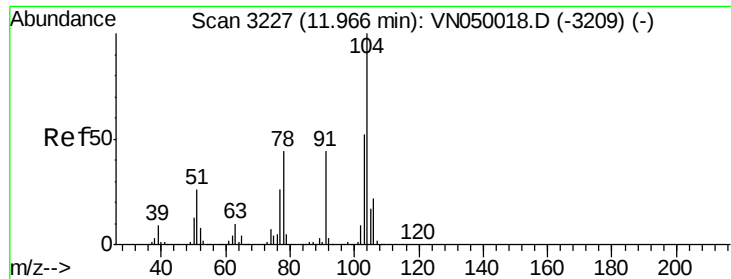
Tot Ion: 95 Resp: 428638  
Ion Ratio Lower Upper  
95 100  
174 90.1 0.0 178.2  
176 86.9 0.0 173.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN050183.D  
Acq: 30 Jul 2018 13:30

Tgt Ion: 117 Resp: 953834  
Ion Ratio Lower Upper  
117 100  
82 53.4 43.7 65.5  
119 32.3 26.1 39.1





#70

Stvrene

Concen: 0.94 ug/l

RT: 11.96 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

PB111570ZHE#03

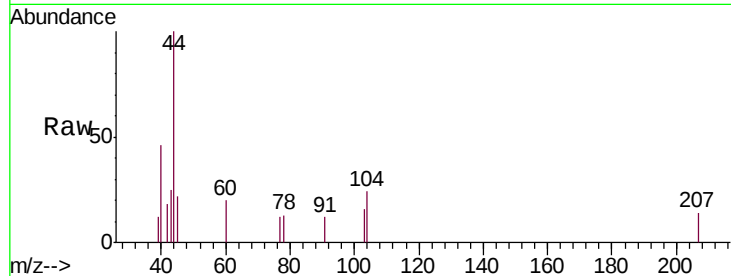
Tot Ion:104 Resp: 314

Ion Ratio Lower Upper

104 100

78 20.1 39.3 58.9#

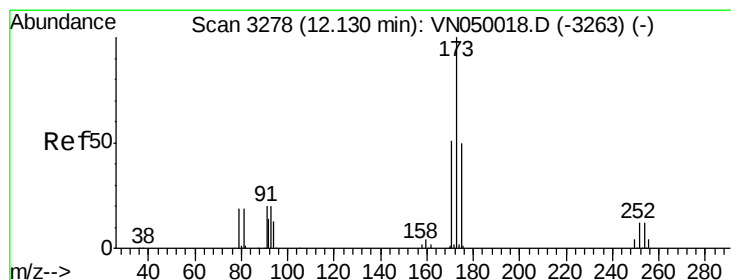
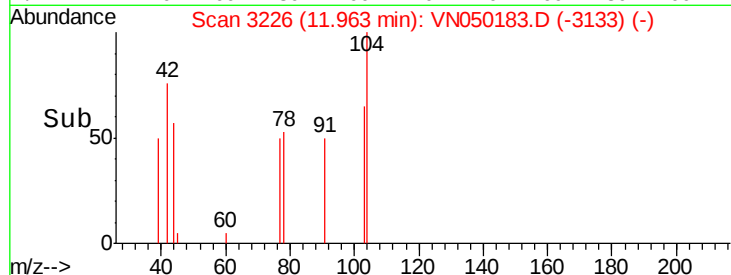
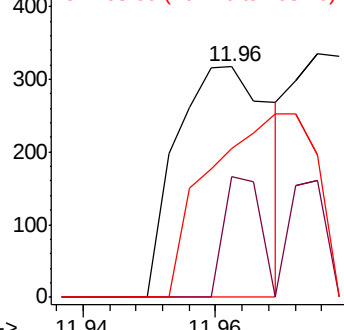
103 0.0 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.35 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

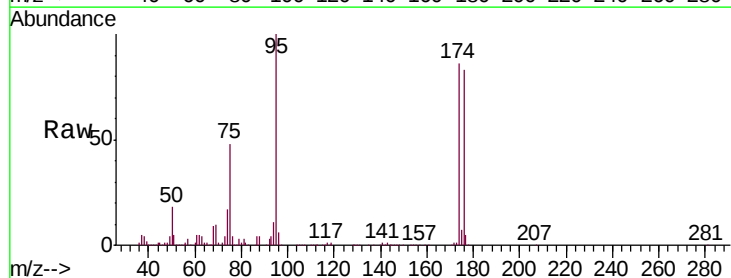
Tgt Ion:173 Resp: 2343

Ion Ratio Lower Upper

173 100

175 1092.1 24.1 72.2#

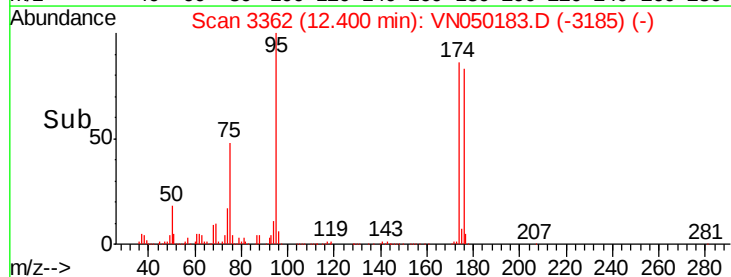
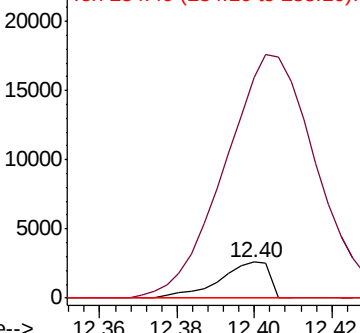
254 0.0 0.2 0.2#

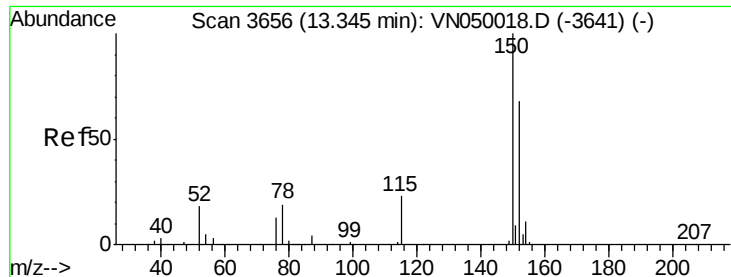


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

PB111570ZHE#03

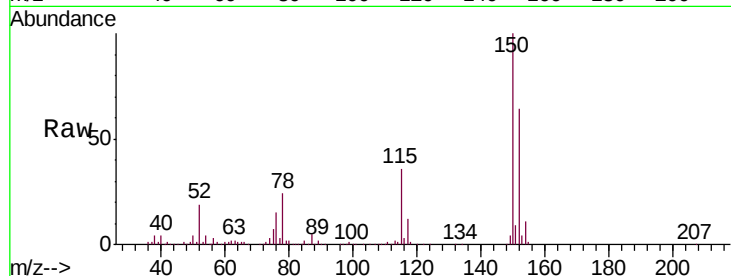
Tot Ion:152 Resp: 341841

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.3

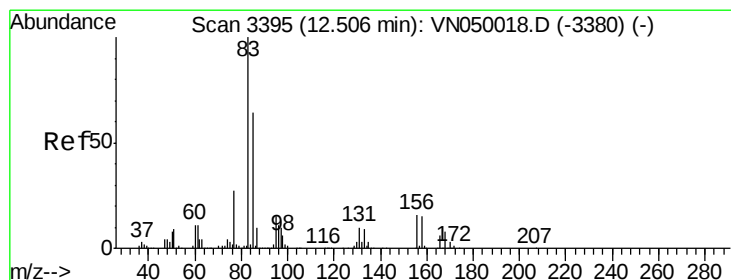
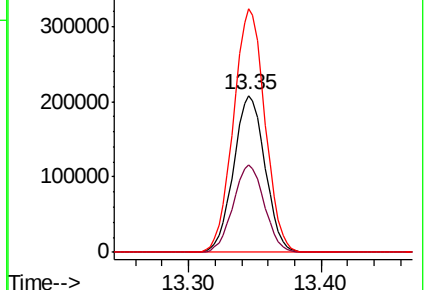
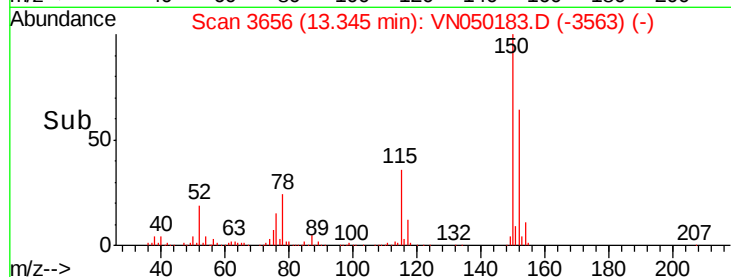
150 155.8 0.0 348.6



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: 12.41 min Scan# 3365

Delta R.T. -0.10 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

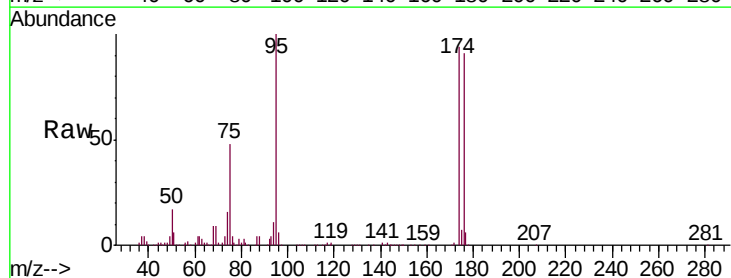
Tgt Ion: 83 Resp: 174

Ion Ratio Lower Upper

83 100

131 302.3 5.1 15.3#

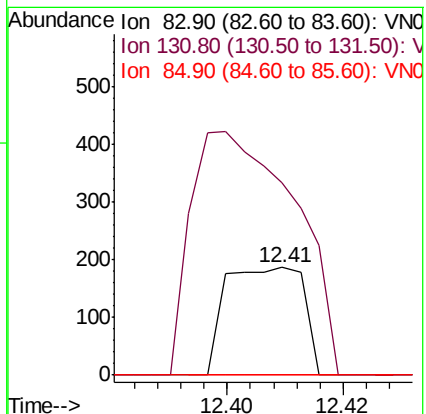
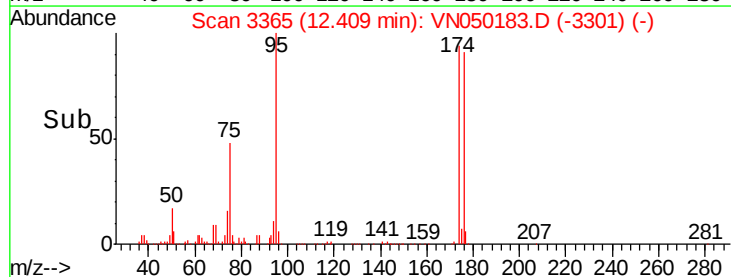
85 0.0 32.3 96.8#

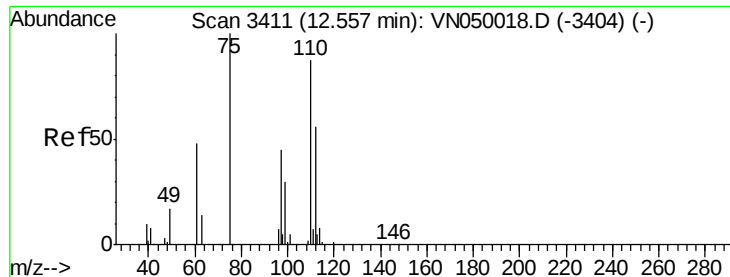


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 32.70 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

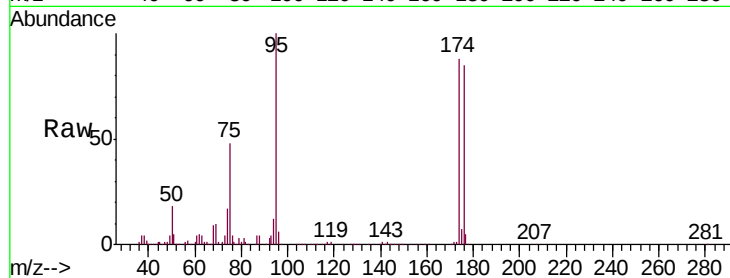
PB111570ZHE#03

Tot Ion: 75 Resp: 207752

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

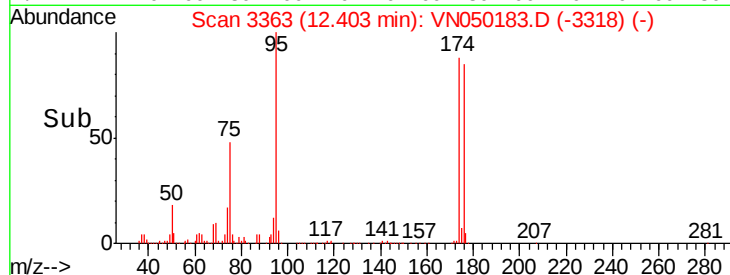


Abundance Ion 74.90 (74.60 to 75.60): VN050183.D (-3318) (-)

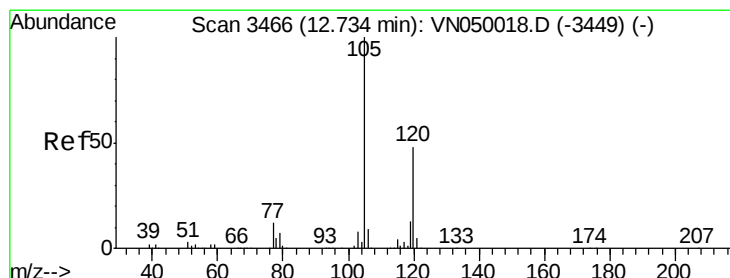
Ion 77.00 (76.70 to 77.70): VN050183.D (-3318) (-)

12.40

12.40



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.24 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050183.D

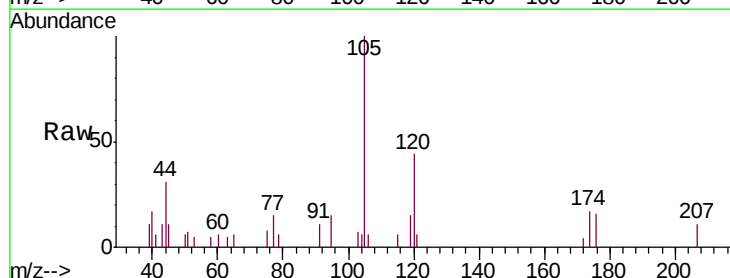
Acq: 30 Jul 2018 13:30

Tgt Ion: 105 Resp: 5054

Ion Ratio Lower Upper

105 100

120 47.7 24.4 73.2

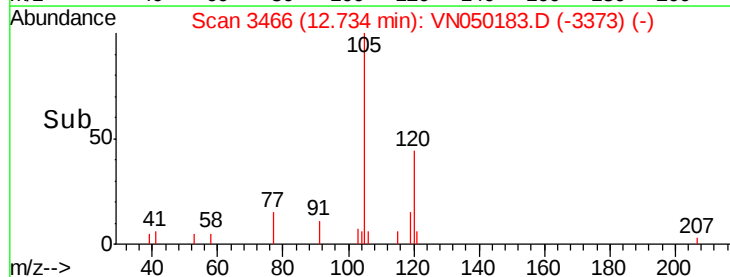


Abundance Ion 105.00 (104.70 to 105.70): VN050183.D (-3373) (-)

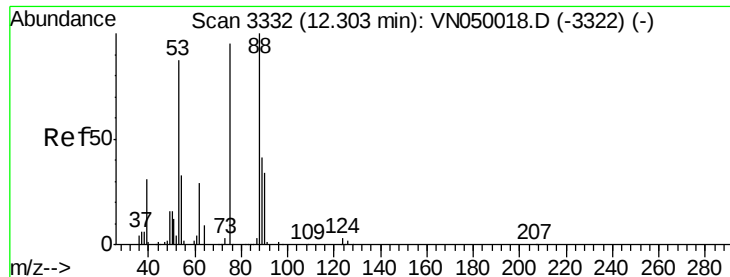
Ion 120.00 (119.70 to 120.70): VN050183.D (-3373) (-)

12.73

12.73



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 103.73 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

PB111570ZHE#03

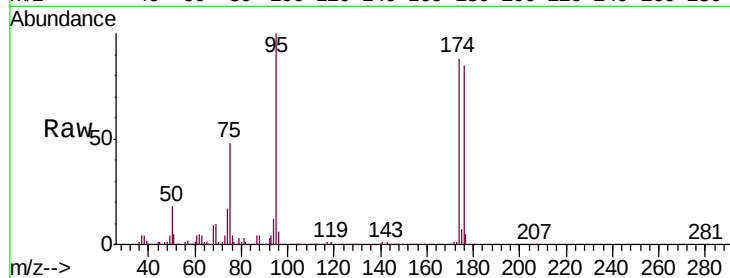
Tot Ion: 75 Resp: 207752

Ion Ratio Lower Upper

75 100

53 0.2 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

12.40

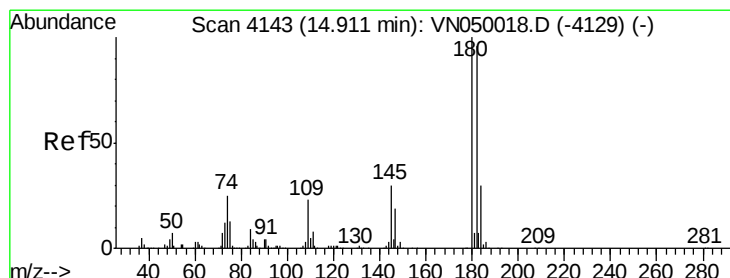
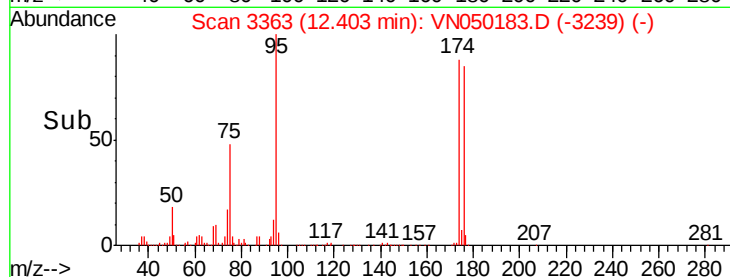
150000

100000

50000

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.19 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

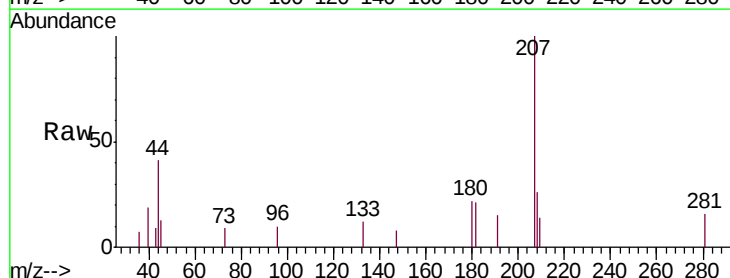
Tgt Ion:180 Resp: 696

Ion Ratio Lower Upper

180 100

182 74.7 46.7 140.1

145 0.0 13.8 41.4#



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

14.91

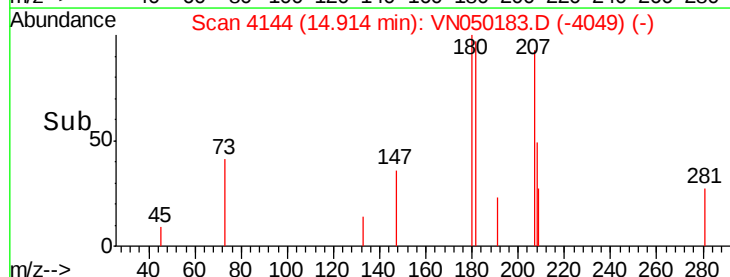
600

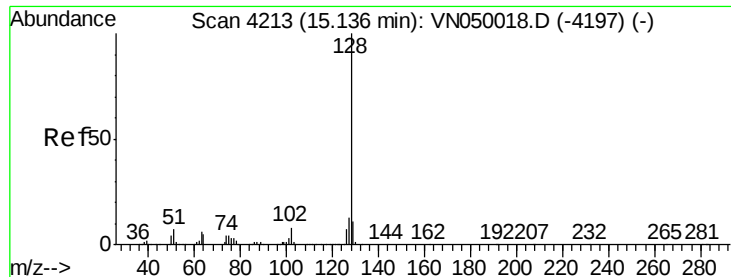
400

200

0

Time-->





#95

Naphthalene

Concen: 4.53 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA\_N

ClientSampleId :

PB111570ZHE#03

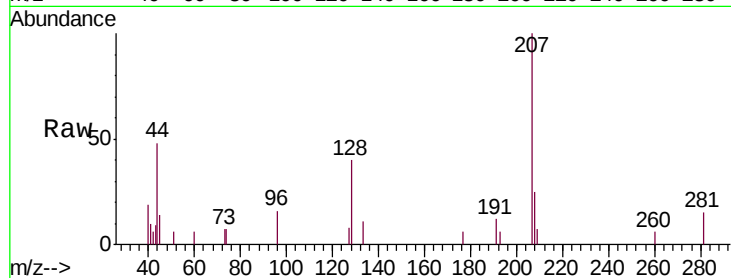
Tot Ion:128 Resp: 1959

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

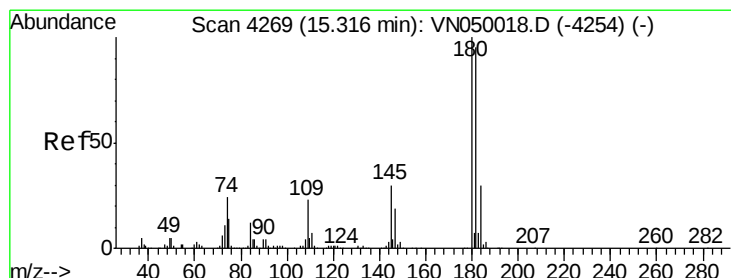
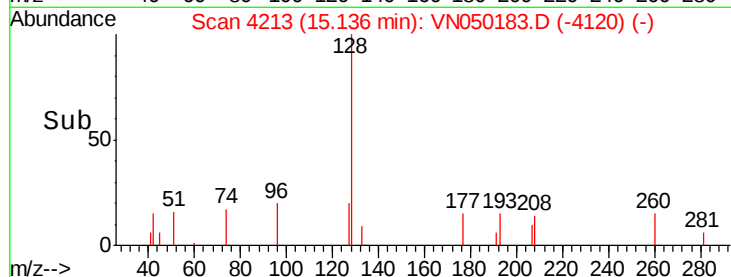
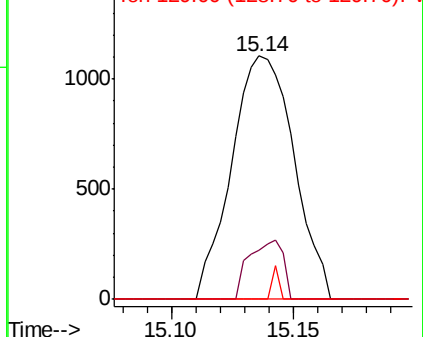
129 1.5 8.8 13.2#



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



#96

1,2,3-Trichlorobenzene

Concen: 2.27 ug/l

RT: 15.32 min Scan# 4271

Delta R.T. 0.00 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

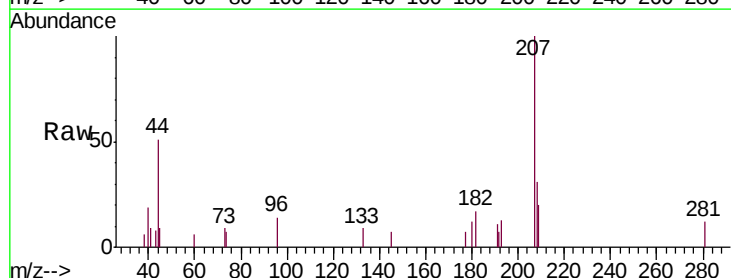
Tgt Ion:180 Resp: 447

Ion Ratio Lower Upper

180 100

182 119.9 48.1 144.4

145 22.1 15.3 45.9



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

