

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\  
 Data File : VN053424.D  
 Acq On : 16 Jan 2019 14:48  
 Operator : JC/SP  
 Sample : PB116405ZHE#07  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 13 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB116405ZHE#07

Quant Time: Jan 17 03:56:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011519W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 16 03:10:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 890926   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1391105  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1350950  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 596806   | 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   | 454765   | 51.64 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.28% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 400399   | 50.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.86% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1761579  | 52.47 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.94% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 614812   | 52.22 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.44% |          |

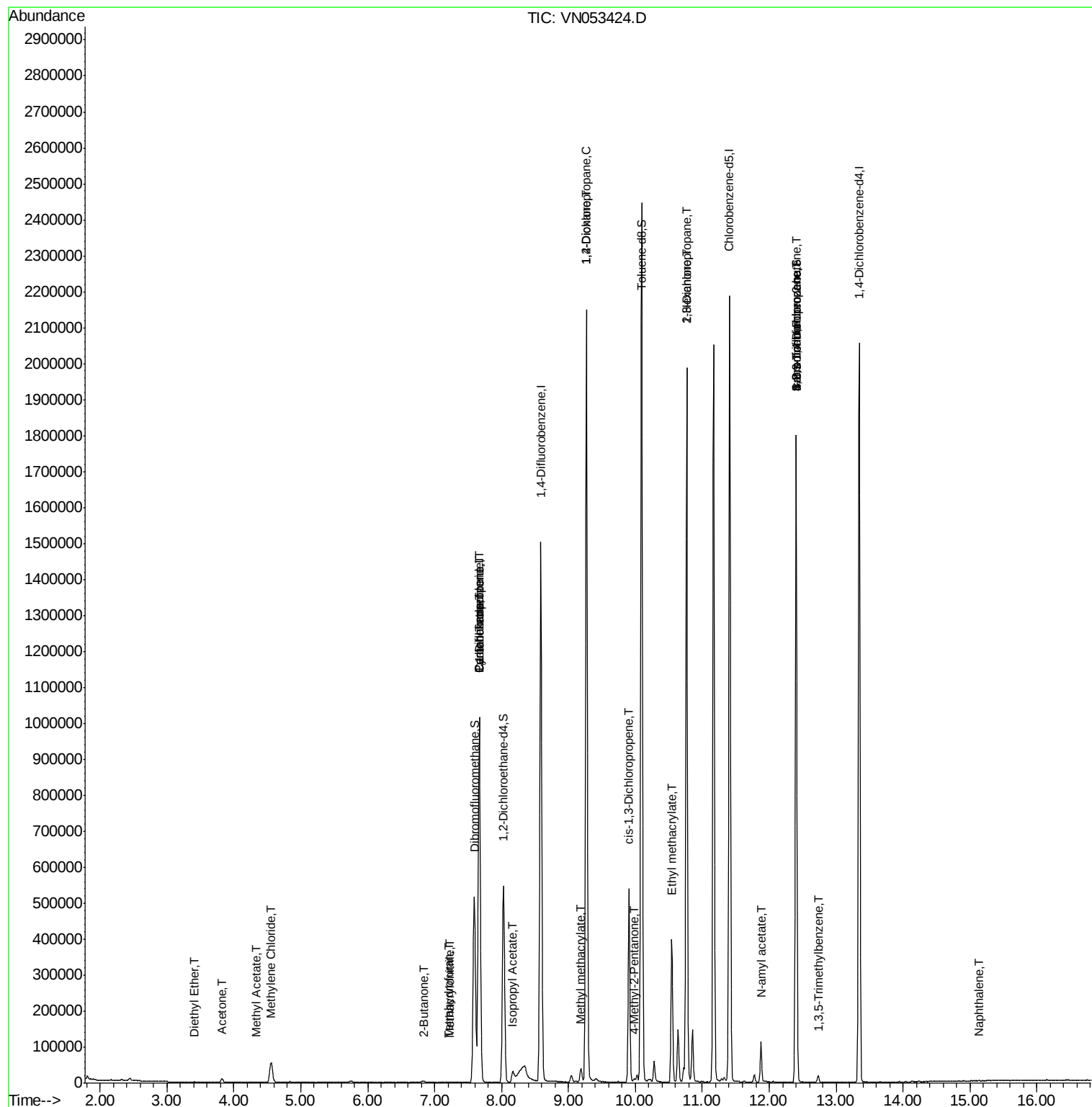
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 8) Diethyl Ether               | 3.42  | 74   | 1004     | 0.207  | ug/l   | 58     |
| 16) Acetone                    | 3.82  | 43   | 18235    | 8.826  | ug/l   | 96     |
| 18) Methyl Acetate             | 4.34  | 43   | 3788     | 0.544  | ug/l # | 65     |
| 20) Methylene Chloride         | 4.56  | 84   | 43465    | 4.608  | ug/l   | 97     |
| 25) 2-Butanone                 | 6.85  | 43   | 2753     | 0.865  | ug/l # | 87     |
| 29) Tetrahydrofuran            | 7.20  | 42   | 567      | 0.274  | ug/l # | 42     |
| 31) Cyclohexane                | 7.67  | 56   | 14199    | 0.697  | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 57036    | 4.502  | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 77130    | 6.431  | ug/l # | 15     |
| 41) Methacrylonitrile          | 7.23  | 41   | 665      | 0.819  | ug/l # | 34     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 42031    | 3.207  | ug/l # | 81     |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 2828     | 0.277  | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.18  | 41   | 13819    | 2.042  | ug/l # | 12     |
| 49) 1,4-Dioxane                | 9.27  | 88   | 244      | 3.692  | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 5972     | 0.835  | ug/l   | 94     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 101424   | 6.928  | ug/l # | 62     |
| 56) Ethyl methacrylate         | 10.55 | 69   | 1328     | 2.167  | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 21254    | 1.491  | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.76 | 43   | 277086   | 55.170 | ug/l # | 49     |
| 71) Bromoform                  | 12.40 | 173  | 3954     | 0.577  | ug/l # | 1      |
| 74) N-amyl acetate             | 11.88 | 43   | 33066    | 2.838  | ug/l # | 51     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 291325   | 37.042 | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 8585     | 0.241  | ug/l   | 97     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 291325   | 91.527 | ug/l # | 15     |
| 95) Naphthalene                | 15.13 | 128  | 466      | 3.969  | ug/l # | 69     |

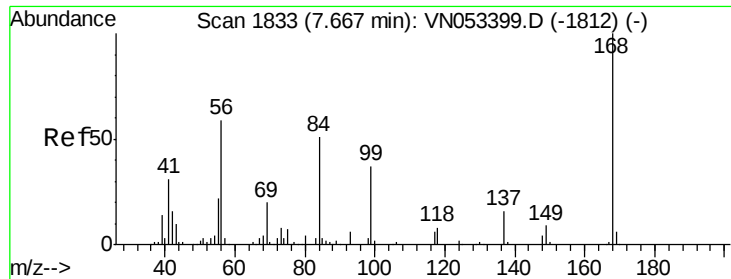
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Jan 16 03:10:53 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

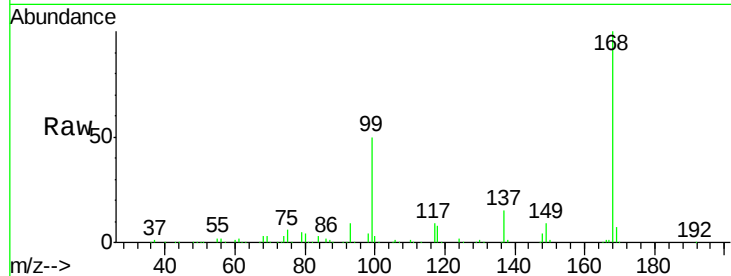
PB116405ZHE#07

Tot Ion:168 Resp: 890926

Ion Ratio Lower Upper

168 100

99 50.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

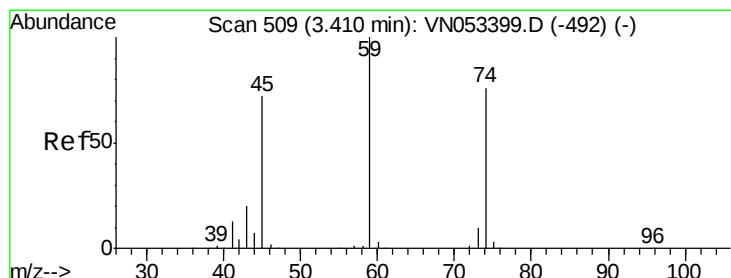
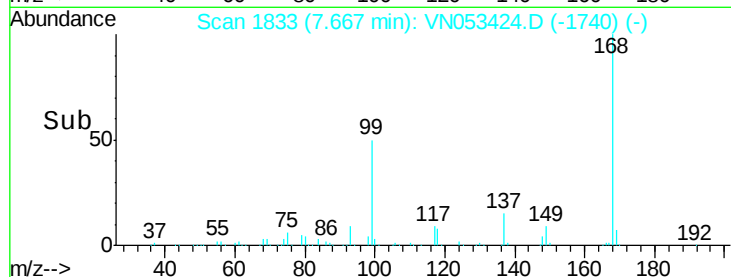
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.207 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.01 min

Lab File: VN053424.D

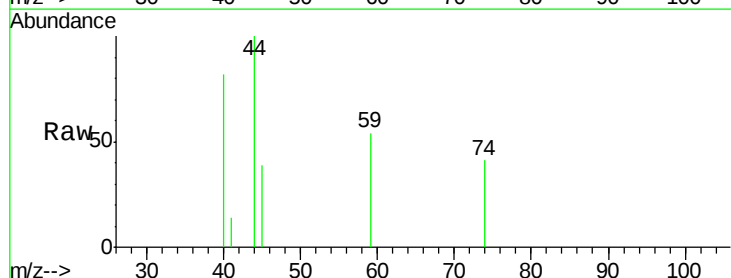
Acq: 16 Jan 2019 14:48

Tgt Ion: 74 Resp: 1004

Ion Ratio Lower Upper

74 100

45 136.9 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.42

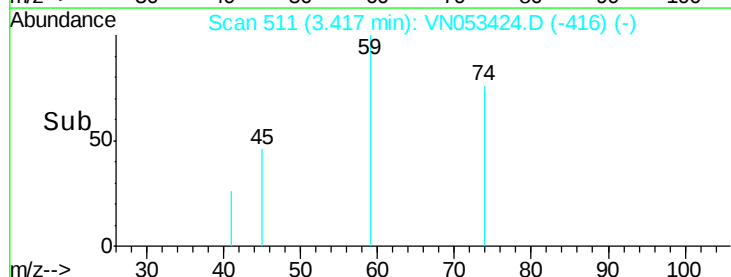
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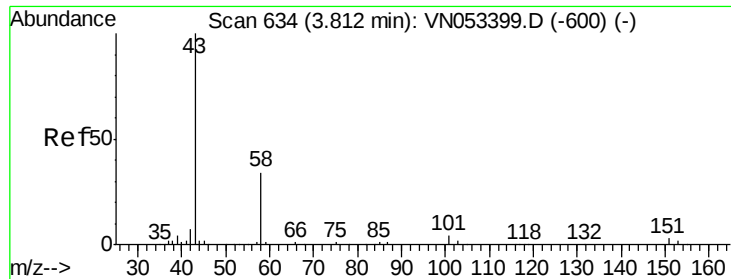
400

200

0

Time-->





#16

Acetone

Concen: 8.826 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

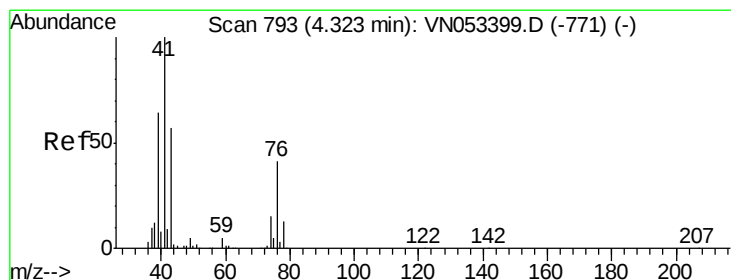
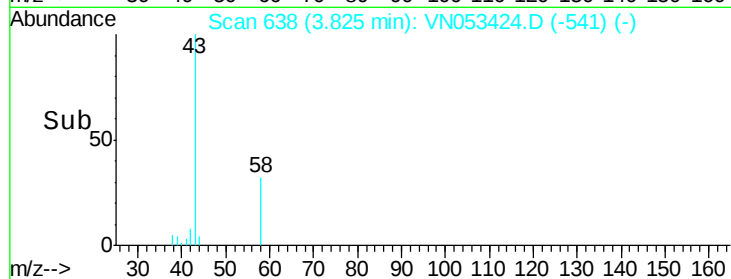
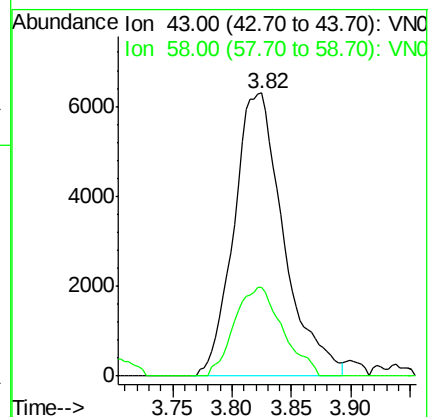
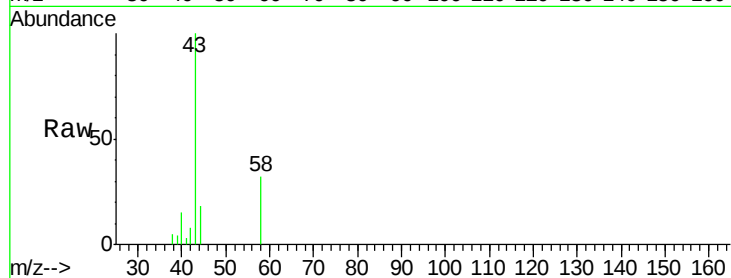
PB116405ZHE#07

Tot Ion: 43 Resp: 18235

Ion Ratio Lower Upper

43 100

58 31.6 27.1 40.7



#18

Methyl Acetate

Concen: 0.544 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053424.D

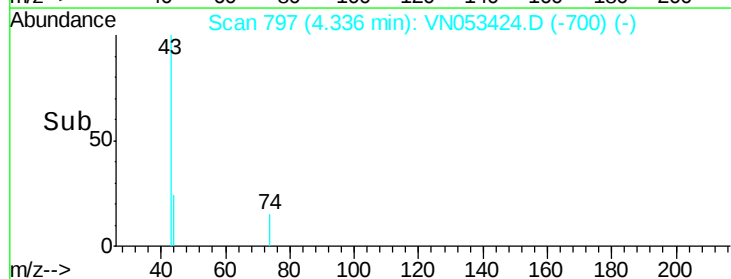
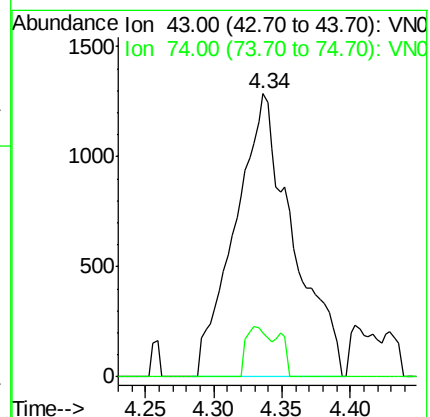
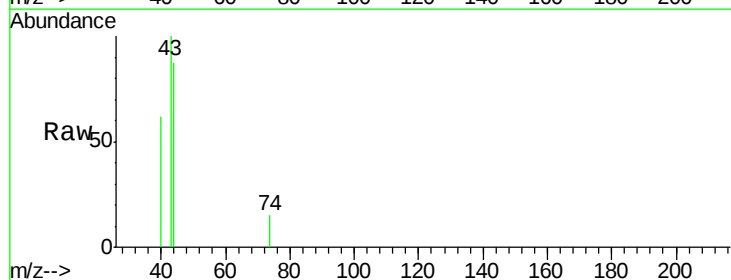
Acq: 16 Jan 2019 14:48

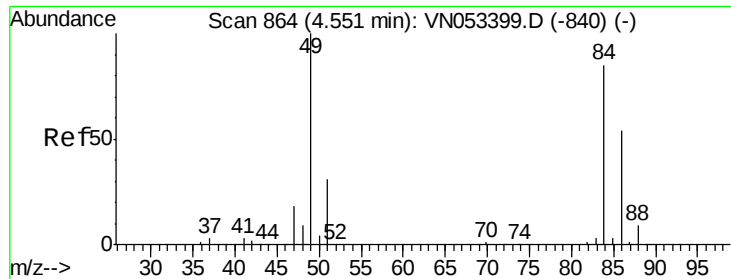
Tgt Ion: 43 Resp: 3788

Ion Ratio Lower Upper

43 100

74 6.9 19.4 29.2#

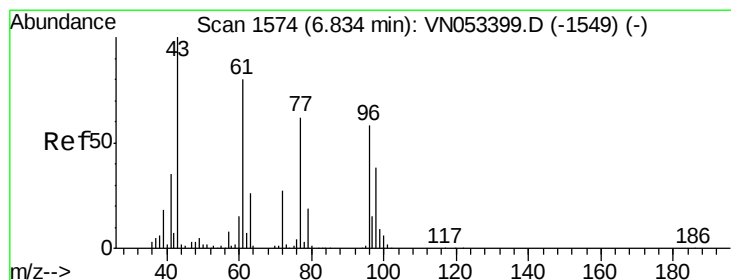
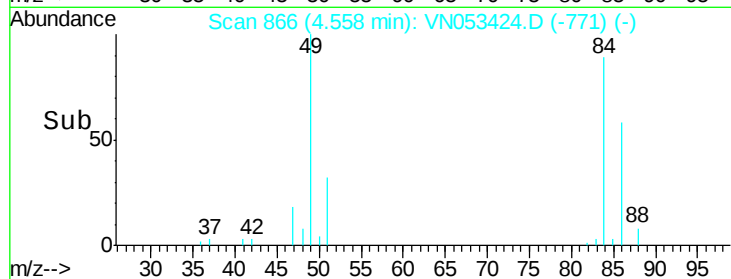
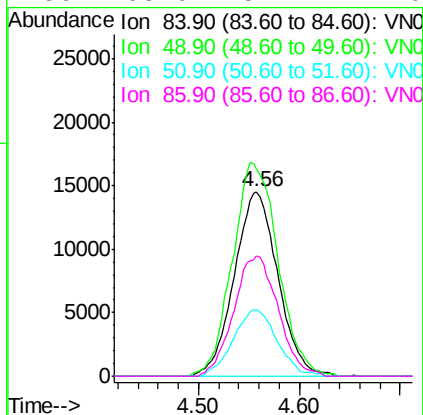
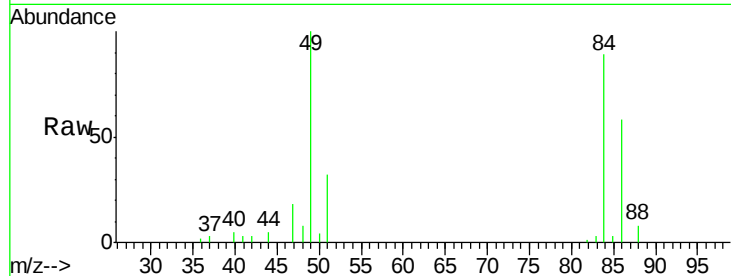




#20  
Methvlene Chloride  
Concen: 4.608 ug/l  
RT: 4.56 min Scan# 866  
Delta R.T. 0.01 min  
Lab File: VN053424.D  
Acq: 16 Jan 2019 14:48

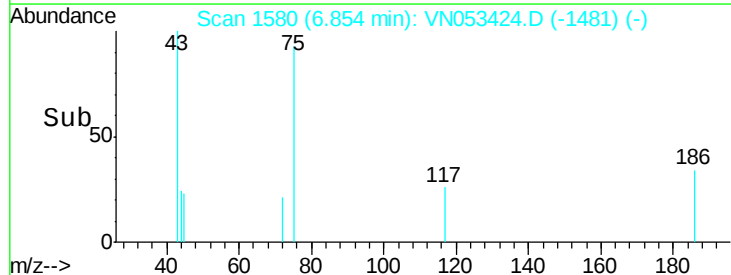
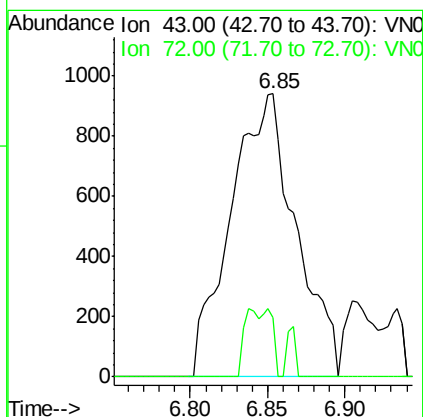
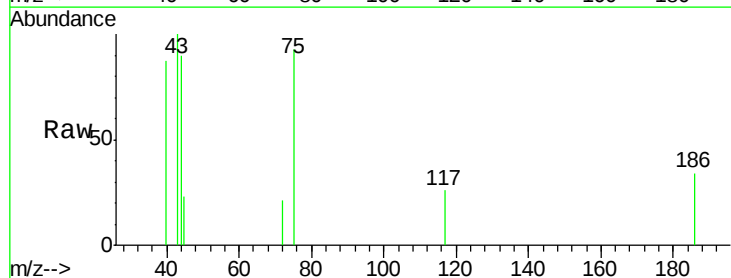
Instrument :  
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PB116405ZHE#07

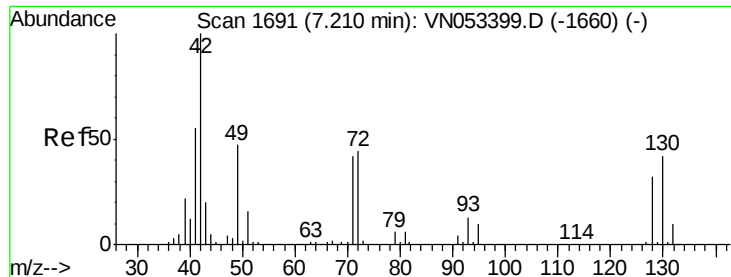
Tot Ion: 84 Resp: 43465  
Ion Ratio Lower Upper  
84 100  
49 112.4 94.3 141.5  
51 36.2 29.4 44.2  
86 65.0 51.4 77.0



#25  
2-Butanone  
Concen: 0.865 ug/l  
RT: 6.85 min Scan# 1580  
Delta R.T. 0.02 min  
Lab File: VN053424.D  
Acq: 16 Jan 2019 14:48

Tgt Ion: 43 Resp: 2753  
Ion Ratio Lower Upper  
43 100  
72 20.8 22.0 33.0#





#29

Tetrahydrofuran

Concen: 0.274 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

PB116405ZHE#07

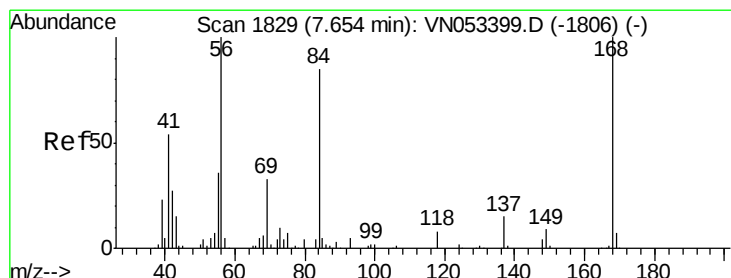
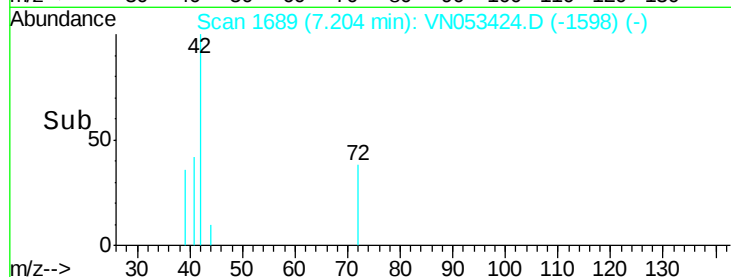
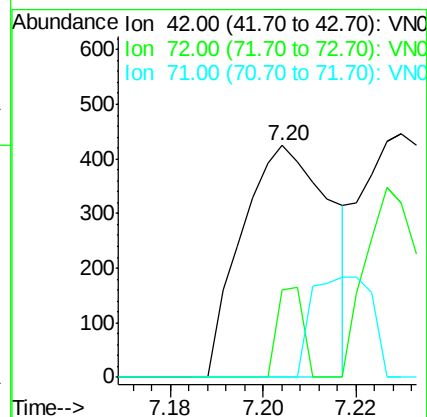
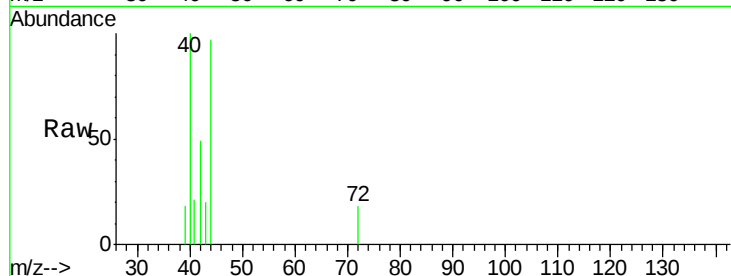
Tot Ion: 42 Resp: 567

Ion Ratio Lower Upper

42 100

72 11.1 35.2 52.8#

71 0.0 33.0 49.4#



#31

Cyclohexane

Concen: 0.697 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

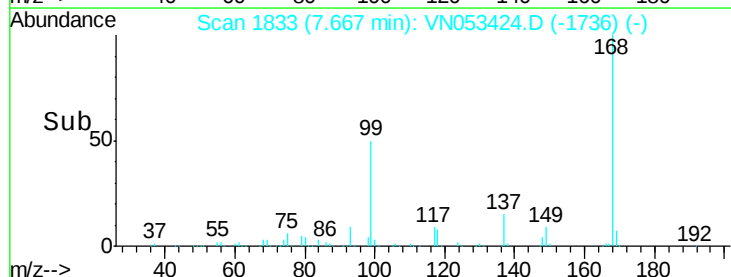
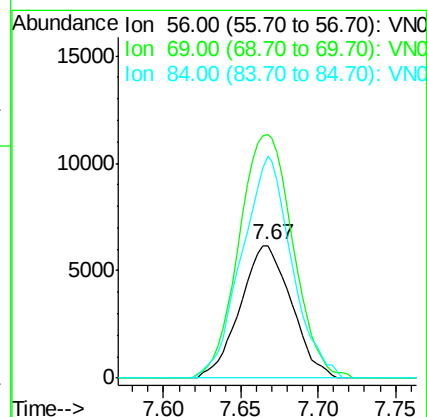
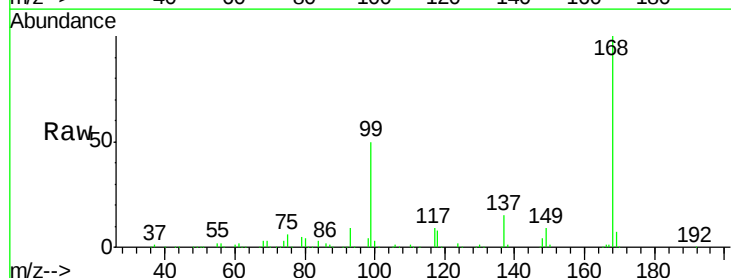
Tgt Ion: 56 Resp: 14199

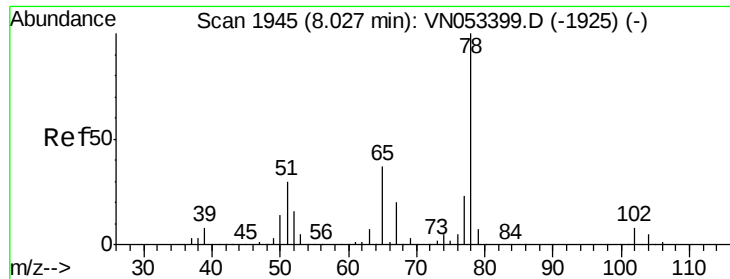
Ion Ratio Lower Upper

56 100

69 184.1 26.4 39.6#

84 168.0 67.9 101.9#

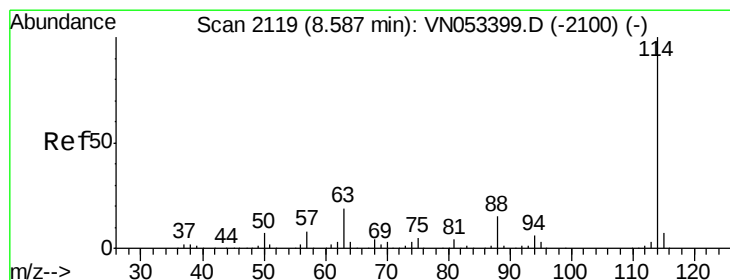
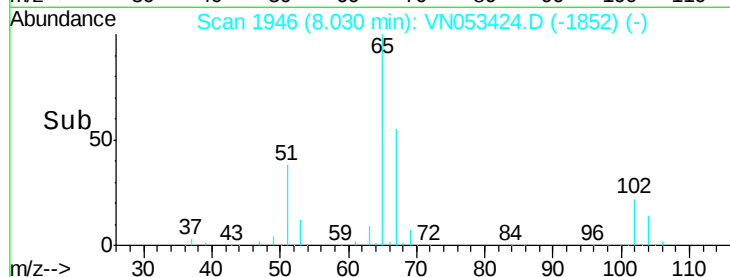
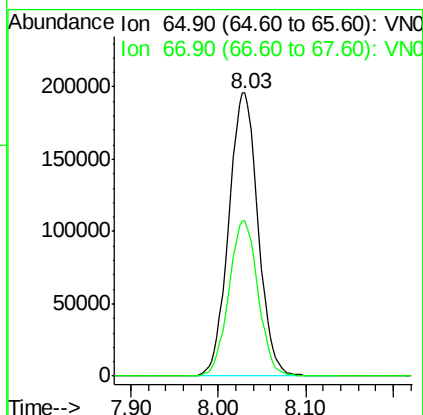
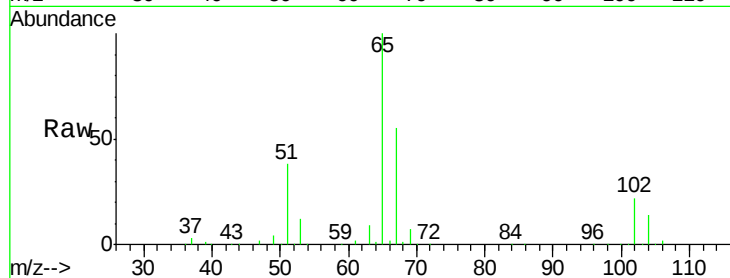




#33  
 1,2-Dichloroethane-d4  
 Concen: N.D. ug/l  
 RT: 8.03 min Scan# 1946  
 Delta R.T. 0.00 min  
 Lab File: VN053424.D  
 Acq: 16 Jan 2019 14:48

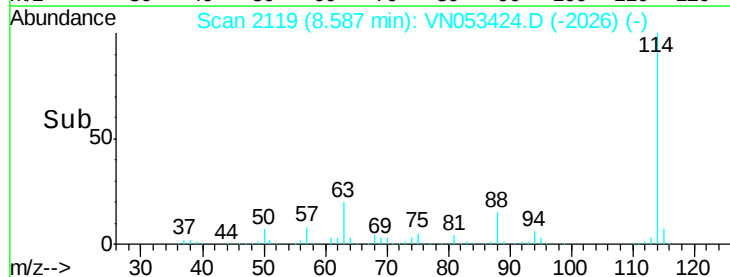
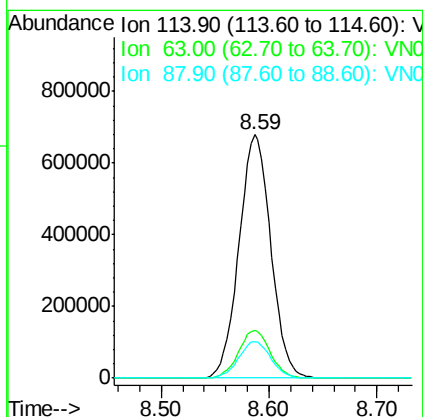
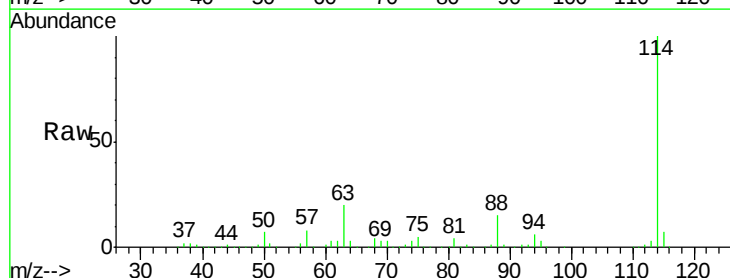
Instrument :  
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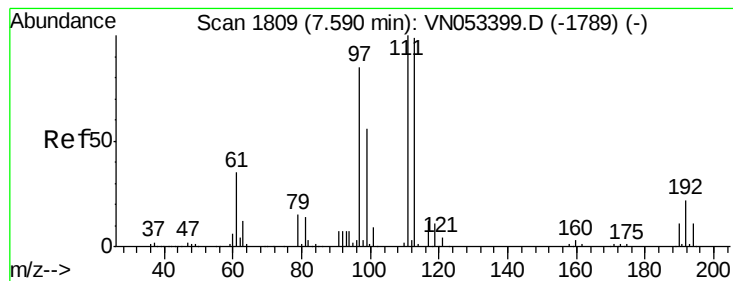
Tot Ion: 65 Resp: 454765  
 Ion Ratio Lower Upper  
 65 100  
 67 54.7 0.0 111.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN053424.D  
 Acq: 16 Jan 2019 14:48

Tgt Ion:114 Resp: 1391105  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 38.6  
 88 15.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

PB116405ZHE#07

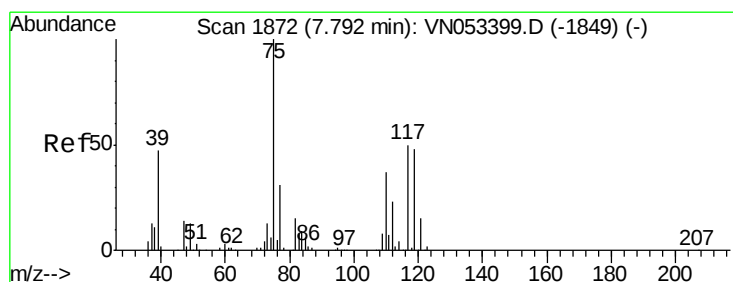
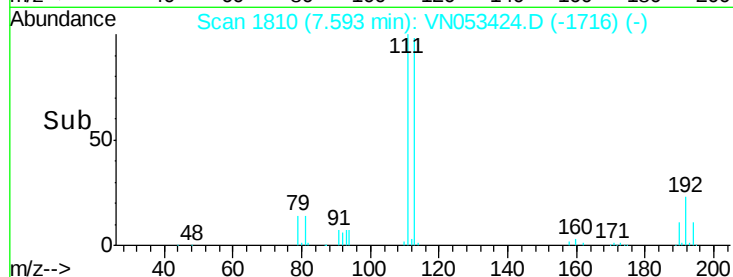
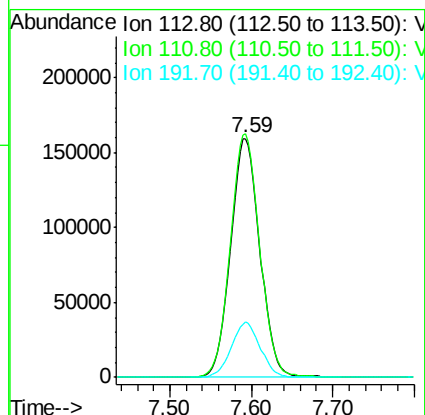
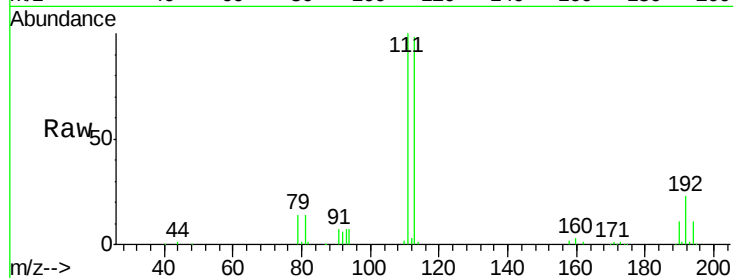
Tot Ion:113 Resp: 400399

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

192 22.7 18.2 27.2



#36

1,1-Dichloropropene

Concen: 4.502 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

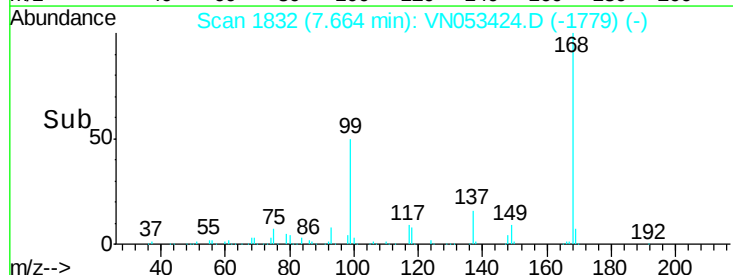
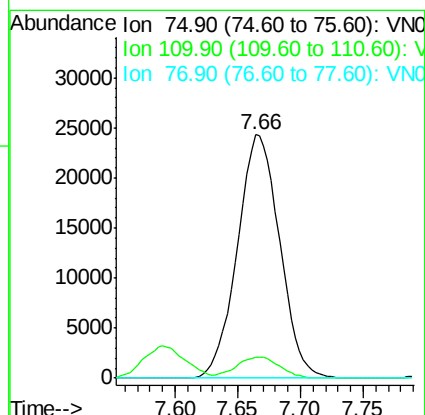
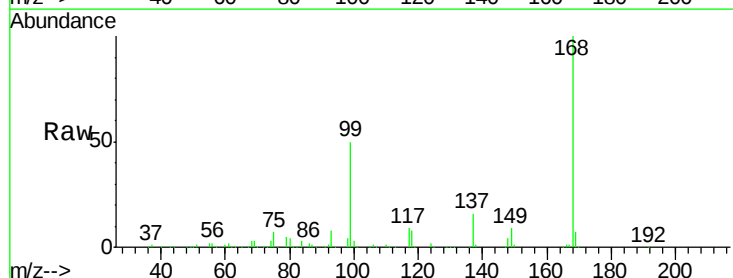
Tgt Ion: 75 Resp: 57036

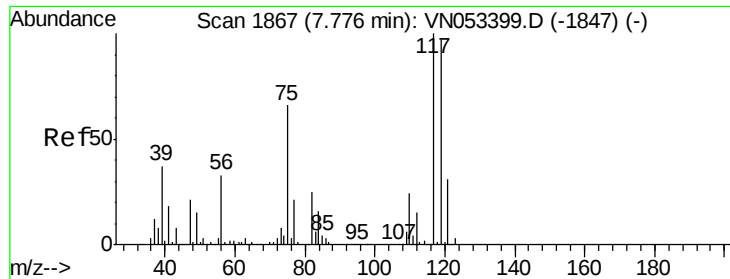
Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.3#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.431 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

PB116405ZHE#07

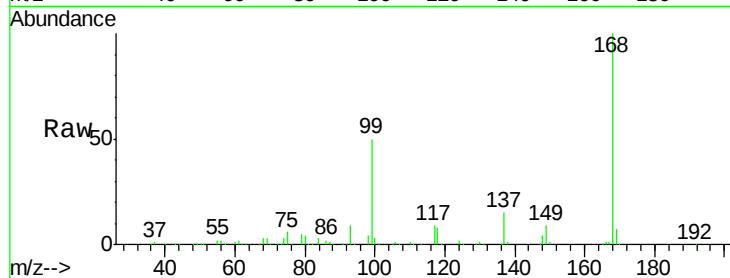
Tot Ion:117 Resp: 77130

Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

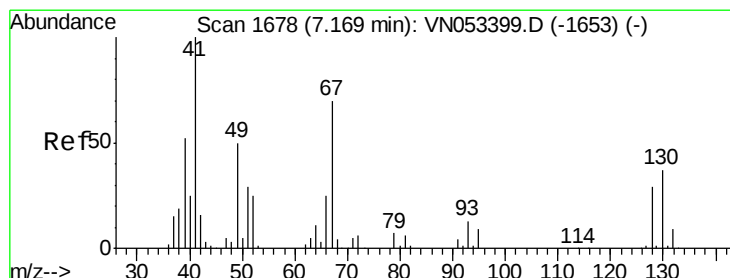
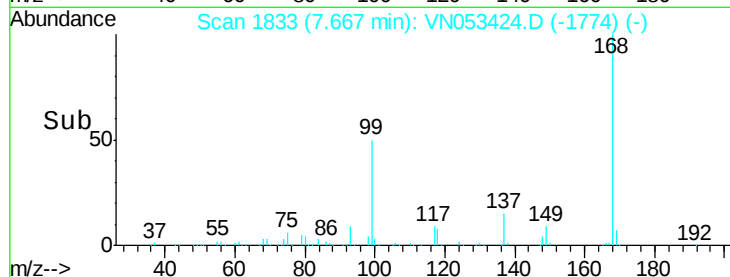
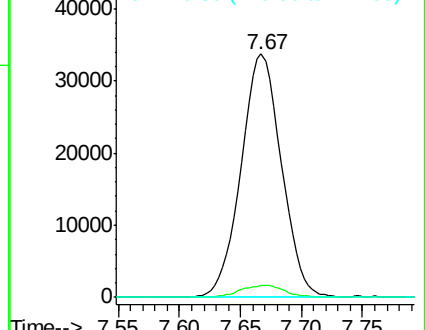
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.819 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.06 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Tgt Ion: 41 Resp: 665

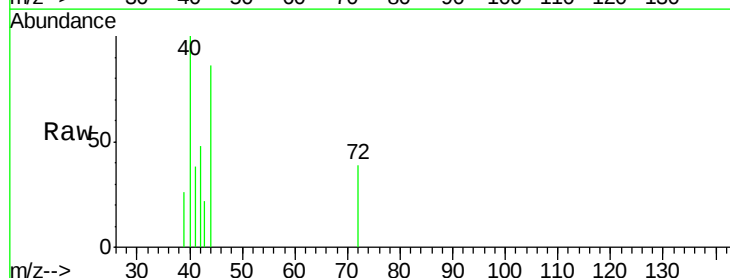
Ion Ratio Lower Upper

41 100

39 28.6 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#

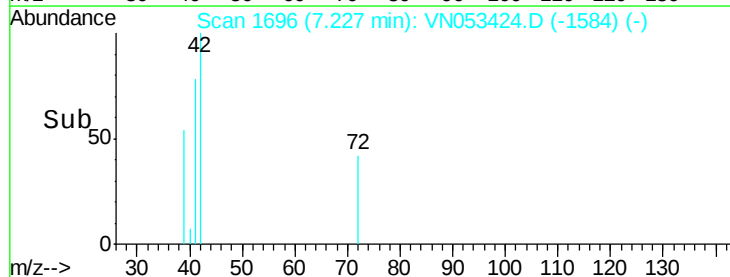
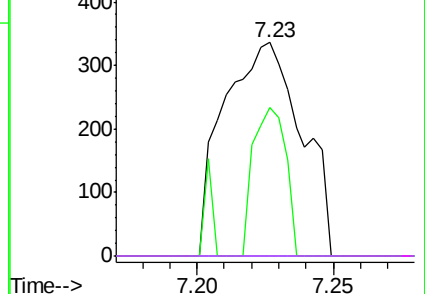


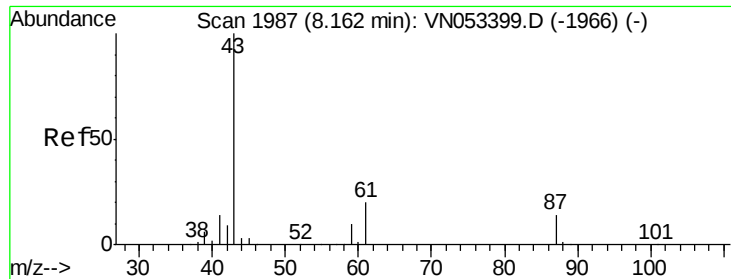
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 3.207 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

PB116405ZHE#07

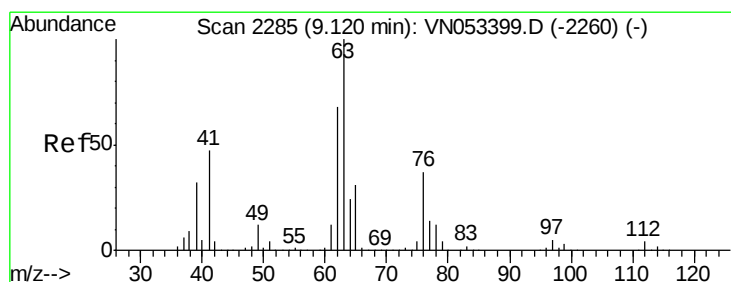
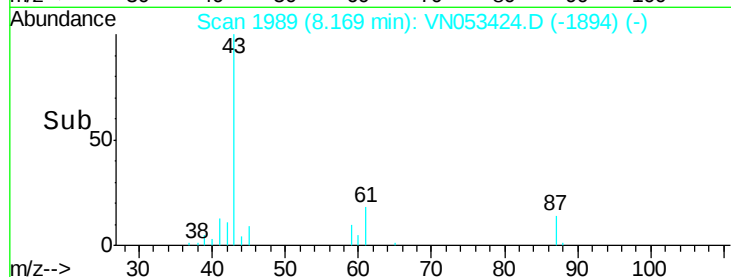
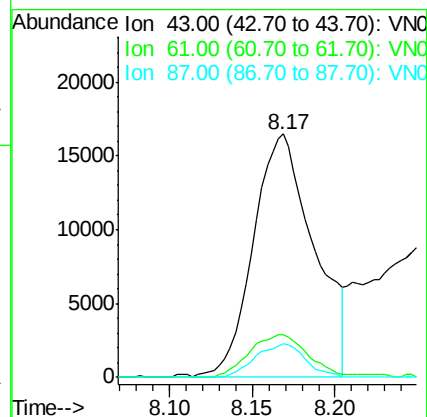
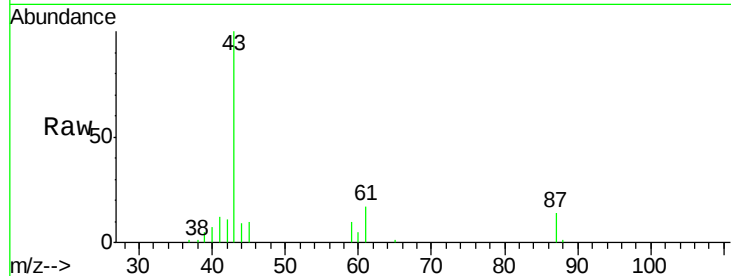
Tot Ion: 43 Resp: 42031

Ion Ratio Lower Upper

43 100

61 16.7 23.9 35.9#

87 11.2 11.0 16.6



#45

1,2-Dichloropropane

Concen: 0.277 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN053424.D

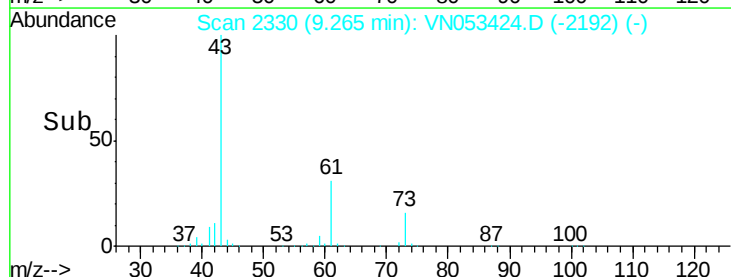
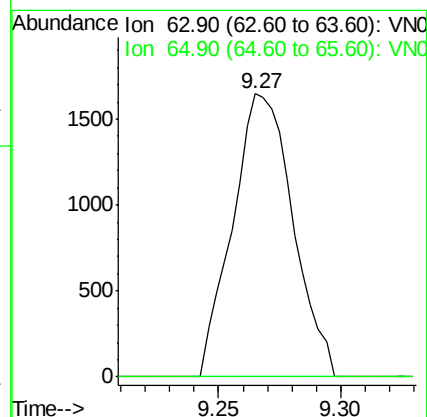
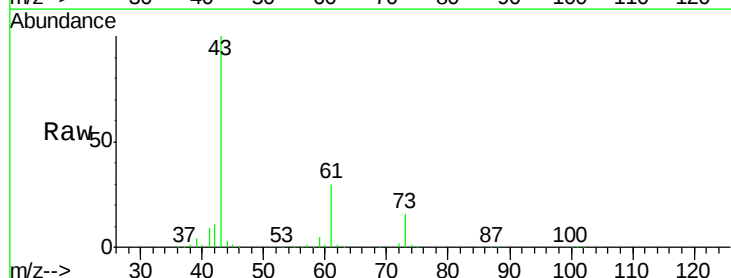
Acq: 16 Jan 2019 14:48

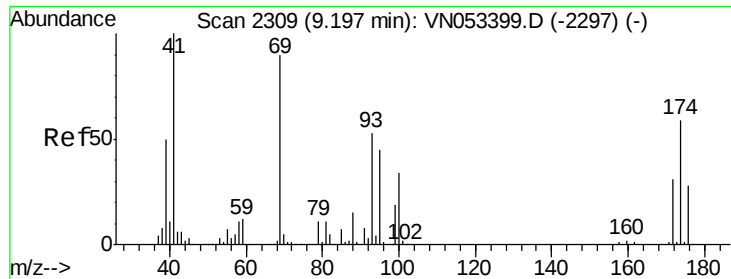
Tgt Ion: 63 Resp: 2828

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#

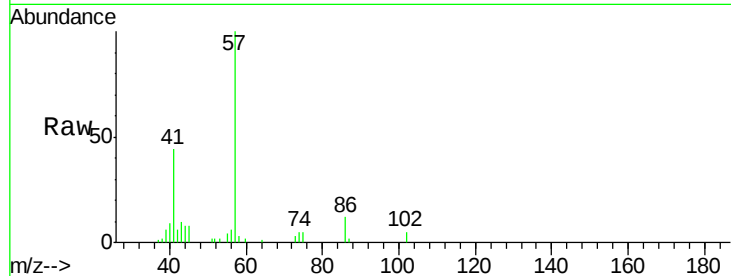




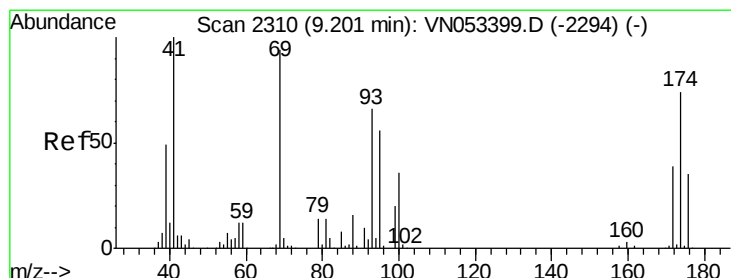
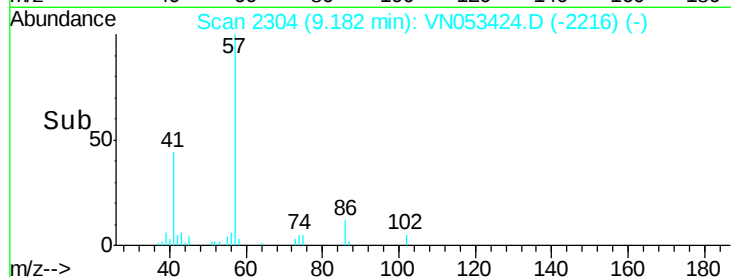
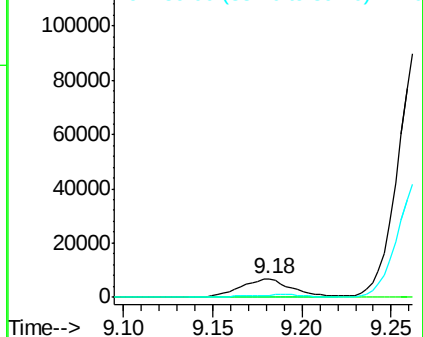
#48  
Methvl methacrylate  
Concen: 2.042 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. -0.02 min  
Lab File: VN053424.D  
Acq: 16 Jan 2019 14:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB116405ZHE#07

Tot Ion: 41 Resp: 13819  
Ion Ratio Lower Upper  
41 100  
69 0.0 73.8 110.6#  
39 0.0 40.0 60.0#

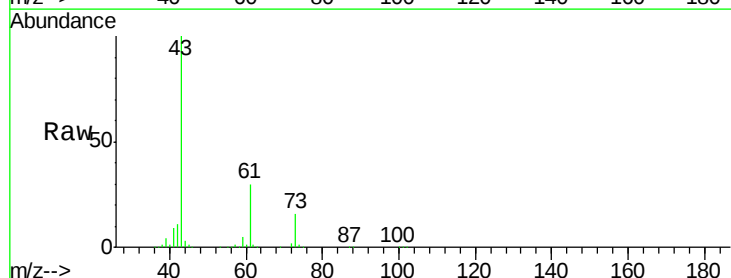


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 69.00 (68.70 to 69.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC

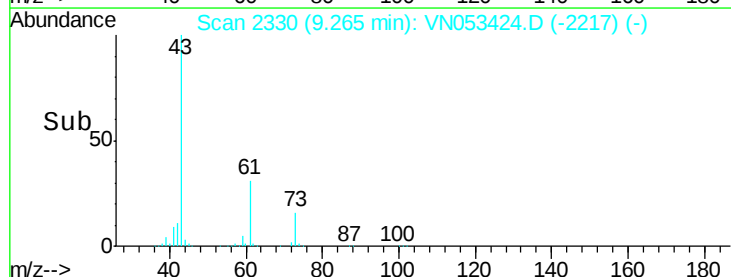
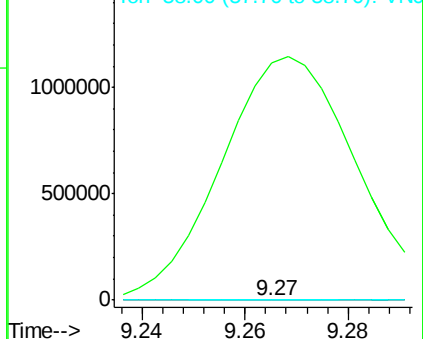


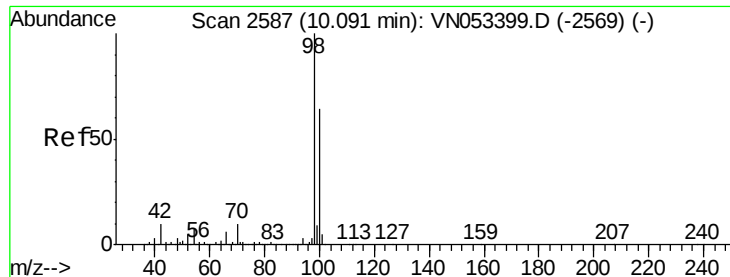
#49  
1,4-Dioxane  
Concen: 3.692 ug/l  
RT: 9.27 min Scan# 2330  
Delta R.T. 0.06 min  
Lab File: VN053424.D  
Acq: 16 Jan 2019 14:48

Tgt Ion: 88 Resp: 244  
Ion Ratio Lower Upper  
88 100  
43 863588.9 27.8 41.6#  
58 4172.1 56.5 84.7#



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





#50

Toluene-d8

Concen: 3.692 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

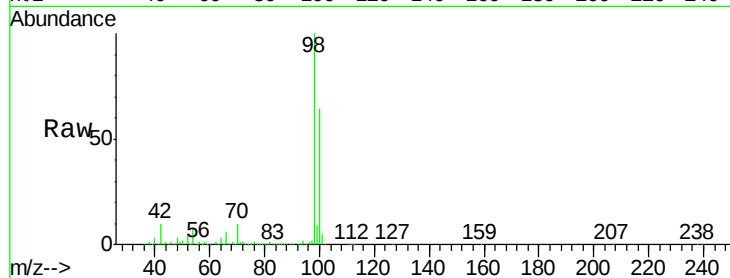
PB116405ZHE#07

Tot Ion: 98 Resp: 1761579

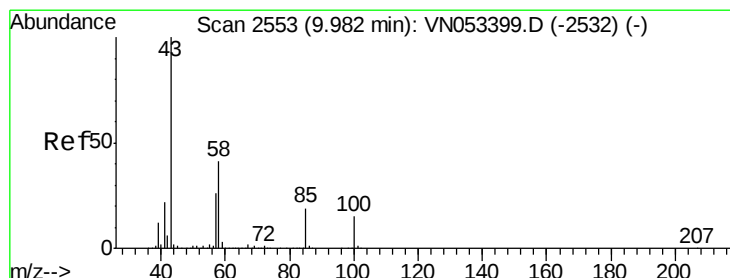
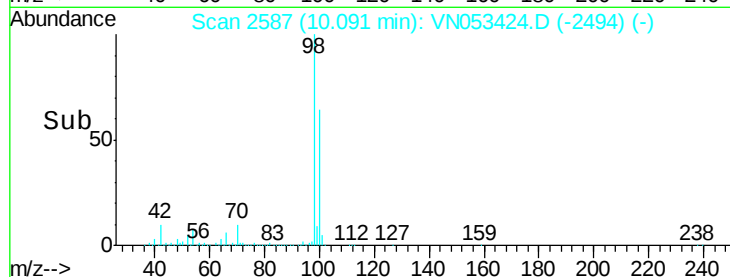
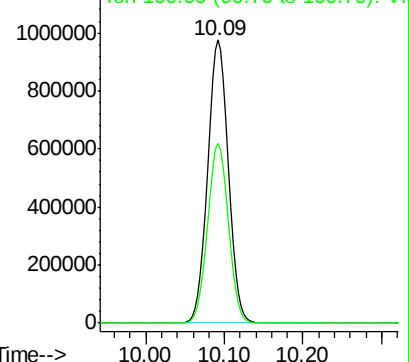
Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.835 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN053424.D

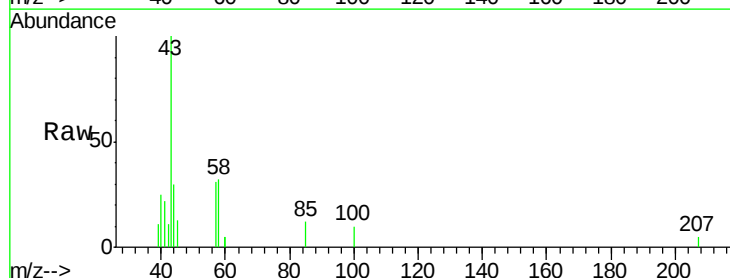
Acq: 16 Jan 2019 14:48

Tgt Ion: 43 Resp: 5972

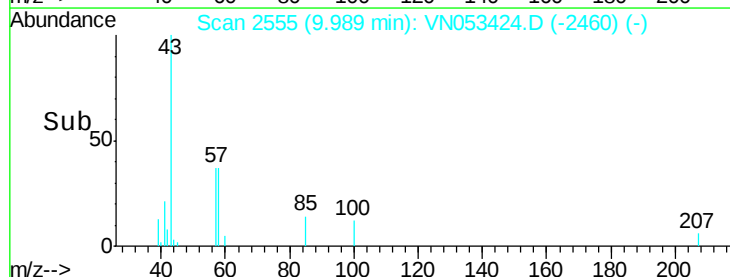
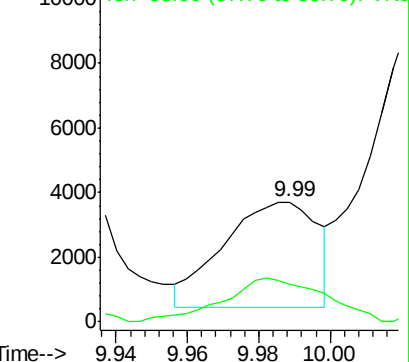
Ion Ratio Lower Upper

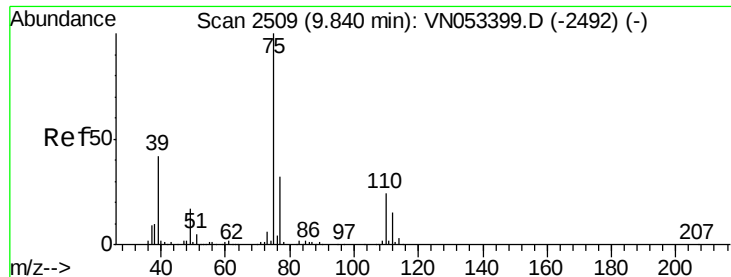
43 100

58 44.9 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-2532) (-)





#54

cis-1,3-Dichloropropene

Concen: 6.928 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

PB116405ZHE#07

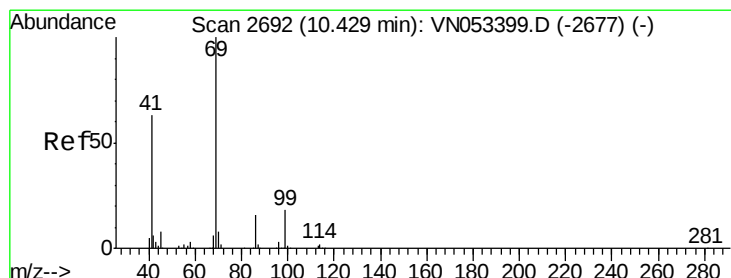
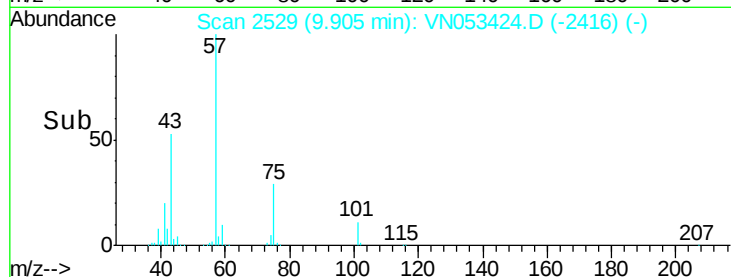
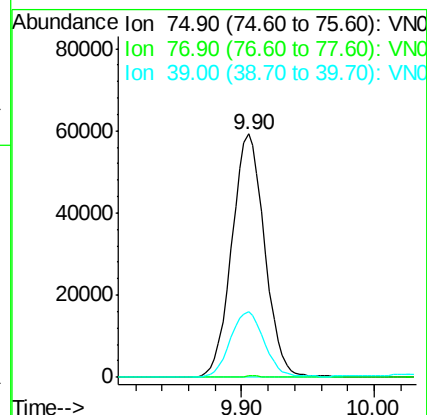
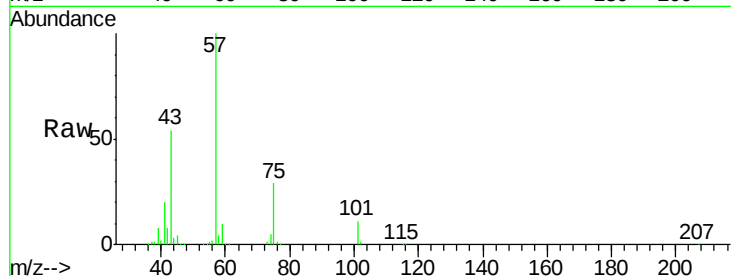
Tot Ion: 75 Resp: 101424

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

39 26.9 33.4 50.0#



#56

Ethyl methacrylate

Concen: 2.167 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

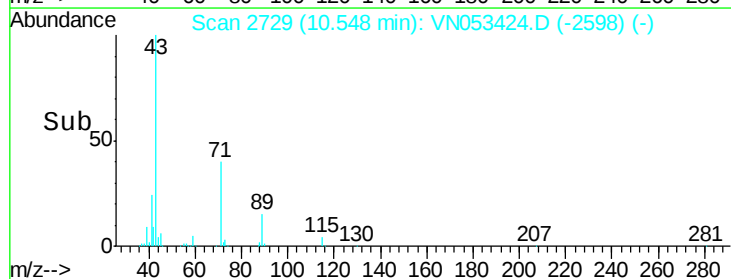
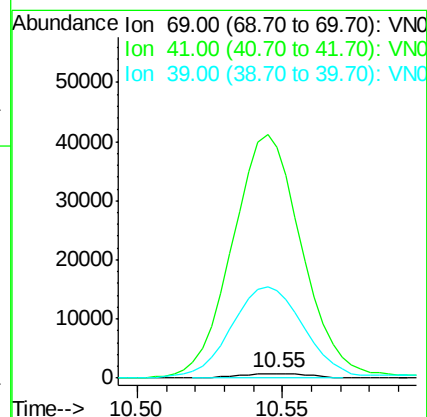
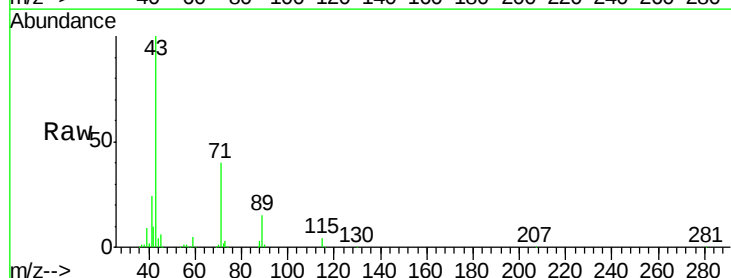
Tgt Ion: 69 Resp: 1328

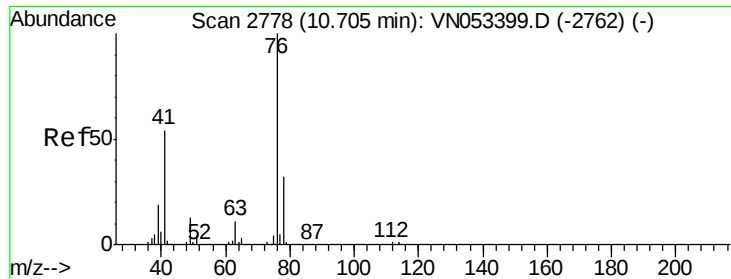
Ion Ratio Lower Upper

69 100

41 5213.9 49.4 74.0#

39 2040.4 23.3 34.9#





#57

1,3-Dichloropropane

Concen: 1.491 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

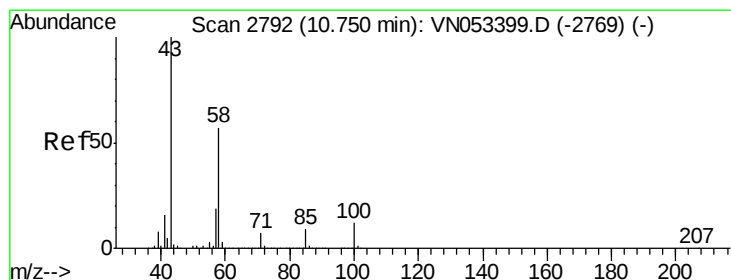
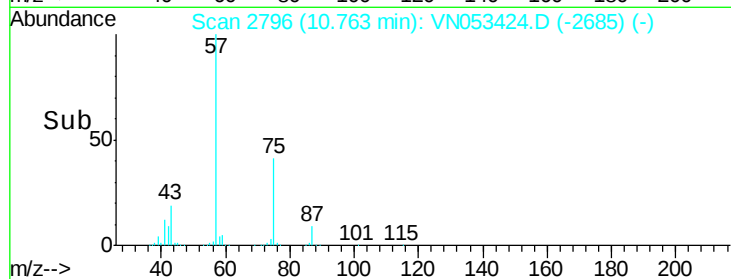
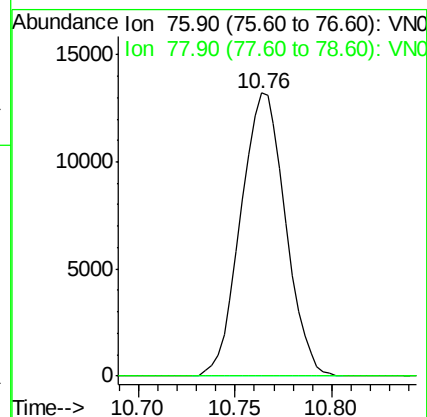
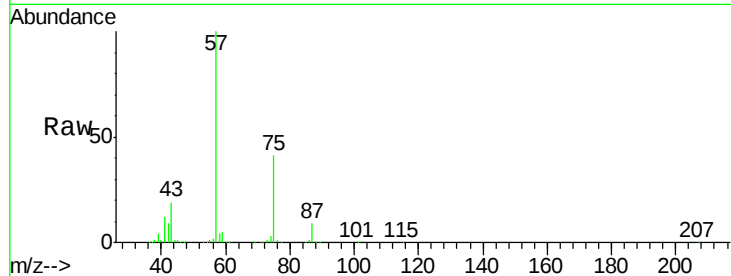
PB116405ZHE#07

Tot Ion: 76 Resp: 21254

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 55.170 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053424.D

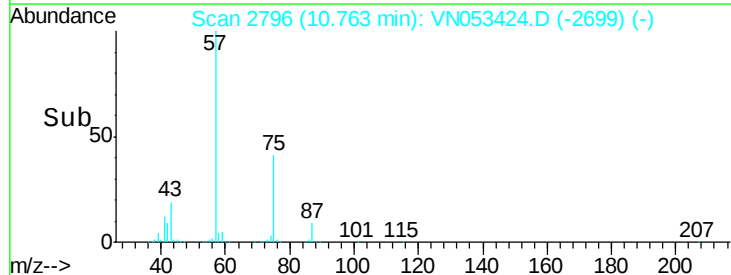
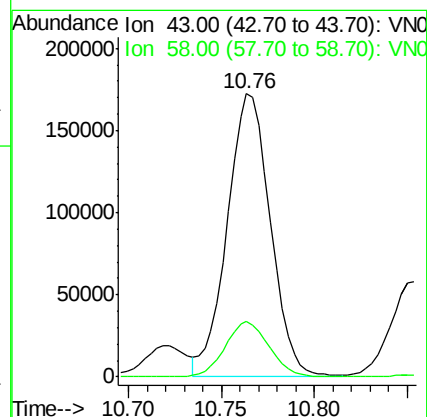
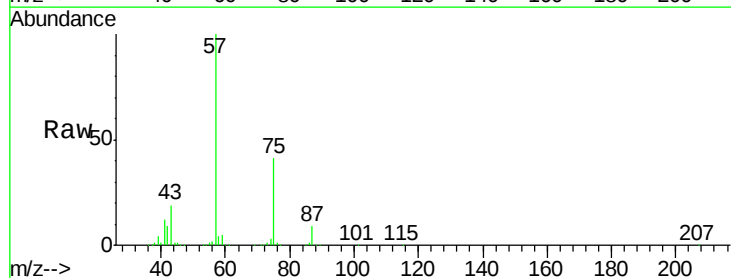
Acq: 16 Jan 2019 14:48

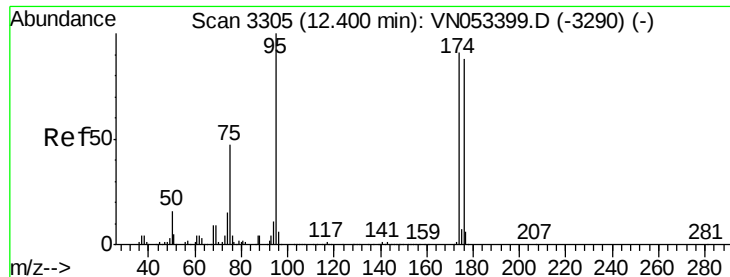
Tgt Ion: 43 Resp: 277086

Ion Ratio Lower Upper

43 100

58 19.9 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

PB116405ZHE#07

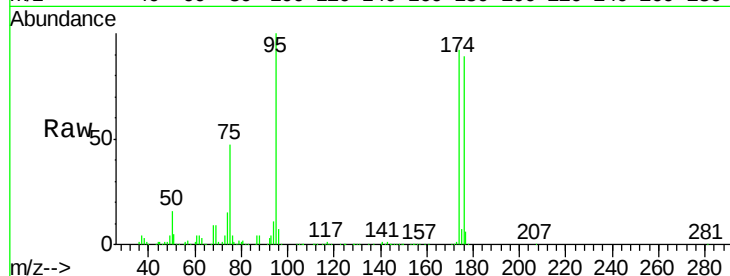
Tot Ion: 95 Resp: 614812

Ion Ratio Lower Upper

95 100

174 91.2 0.0 183.2

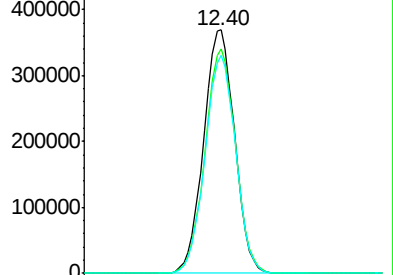
176 88.5 0.0 177.4



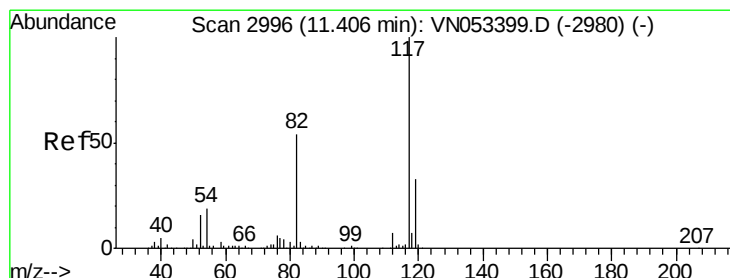
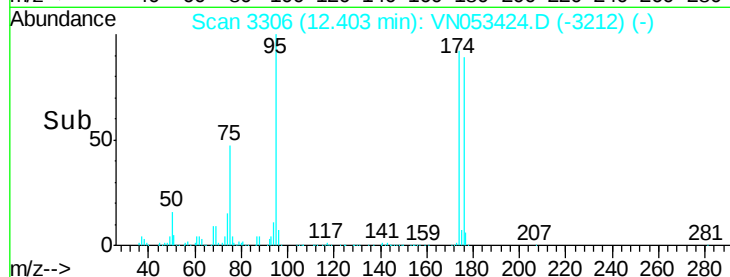
Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

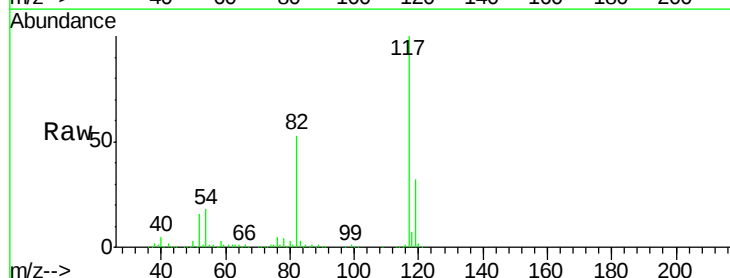
Tgt Ion: 117 Resp: 1350950

Ion Ratio Lower Upper

117 100

82 52.7 42.9 64.3

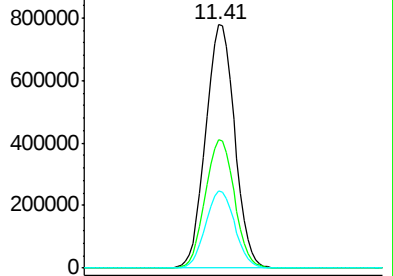
119 31.7 26.0 39.0



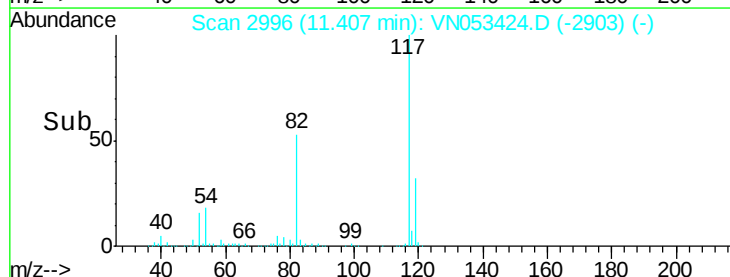
Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

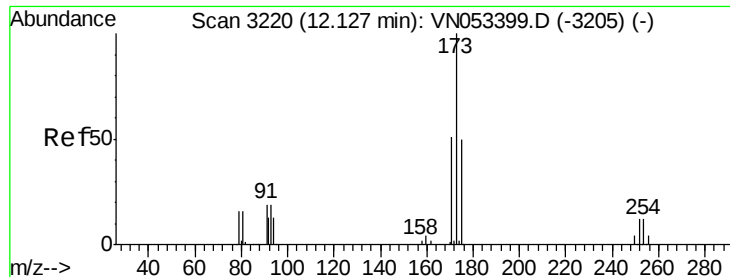
Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)



Time--> 11.30 11.40 11.50





#71

Bromoform

Concen: 0.577 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

PB116405ZHE#07

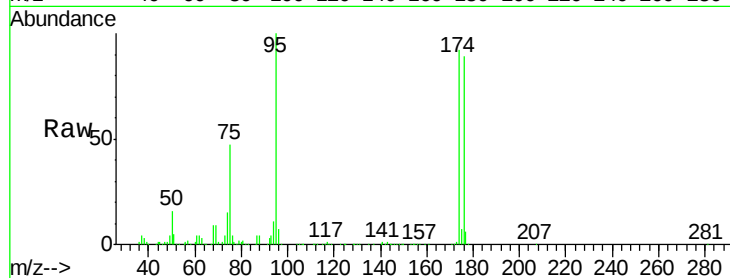
Tot Ion:173 Resp: 3954

Ion Ratio Lower Upper

173 100

175 877.6 24.6 74.0#

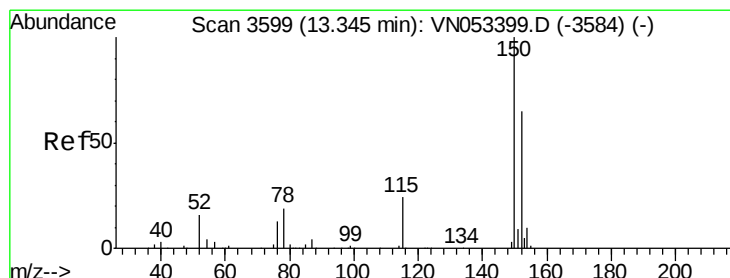
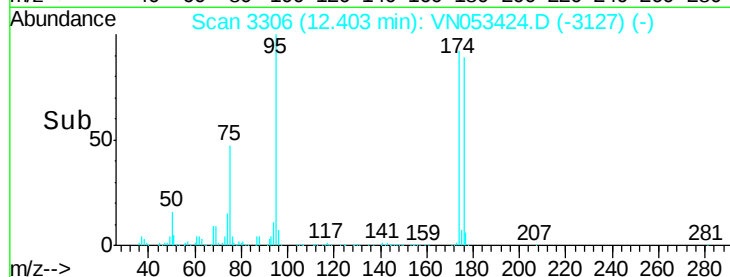
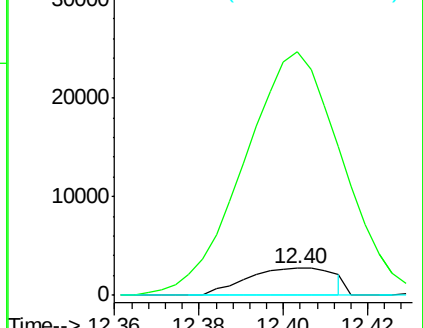
254 0.0 0.2 0.2#



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: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

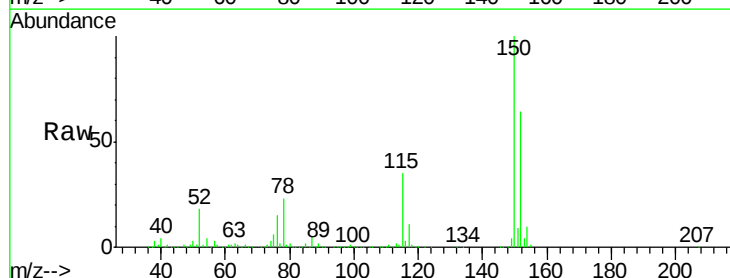
Tgt Ion:152 Resp: 596806

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

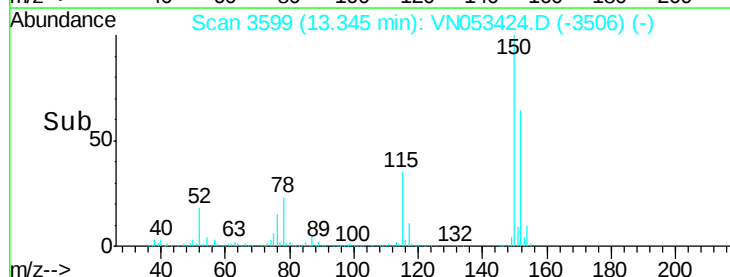
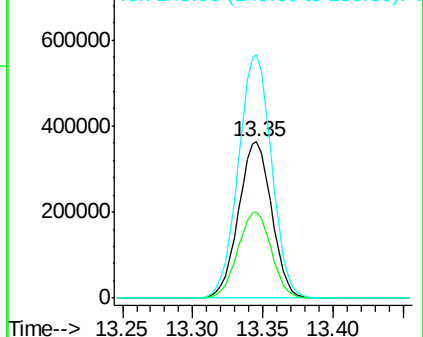
150 156.7 0.0 349.0

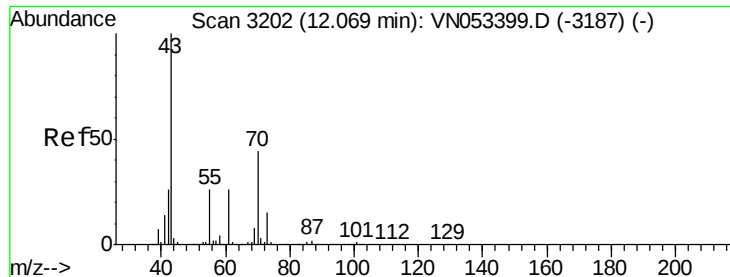


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.838 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

PB116405ZHE#07

Tot Ion: 43 Resp: 33066

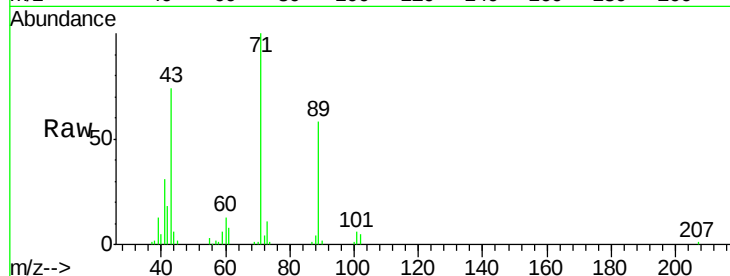
Ion Ratio Lower Upper

43 100

70 2.3 35.4 53.2#

55 4.9 20.9 31.3#

61 11.4 20.5 30.7#

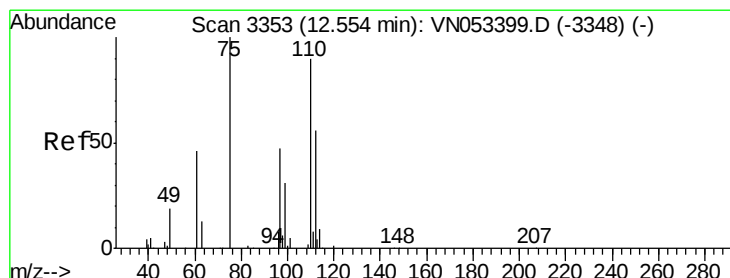
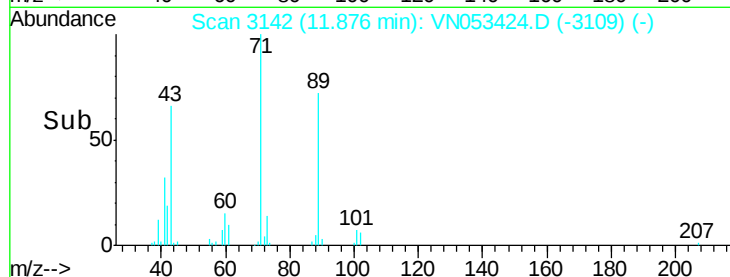
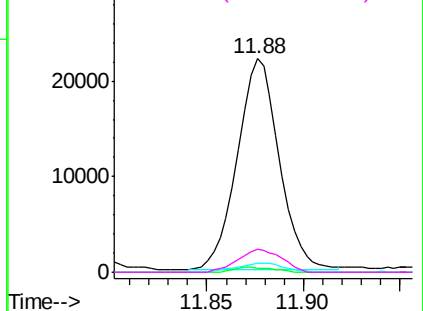


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 37.042 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053424.D

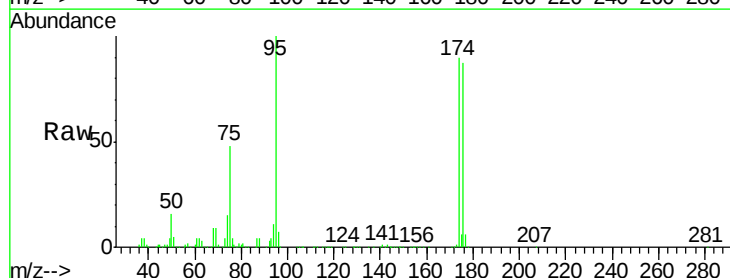
Acq: 16 Jan 2019 14:48

Tgt Ion: 75 Resp: 291325

Ion Ratio Lower Upper

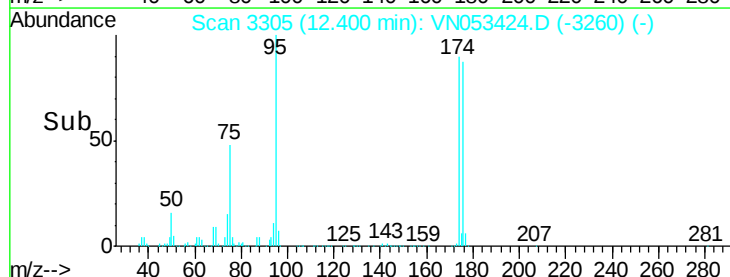
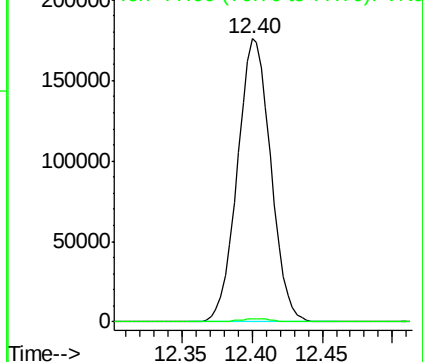
75 100

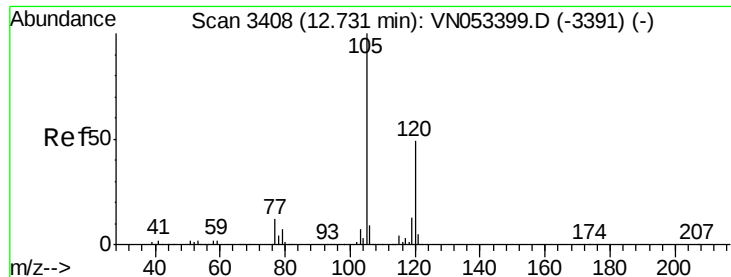
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.241 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

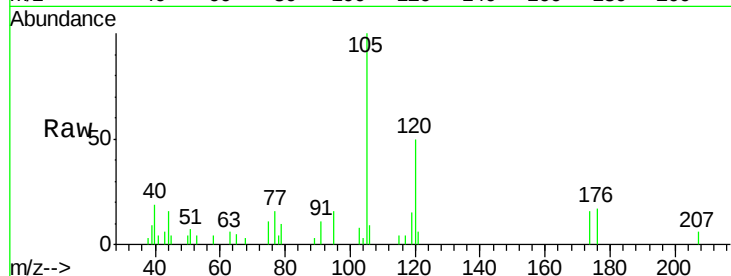
PB116405ZHE#07

Tot Ion:105 Resp: 8585

Ion Ratio Lower Upper

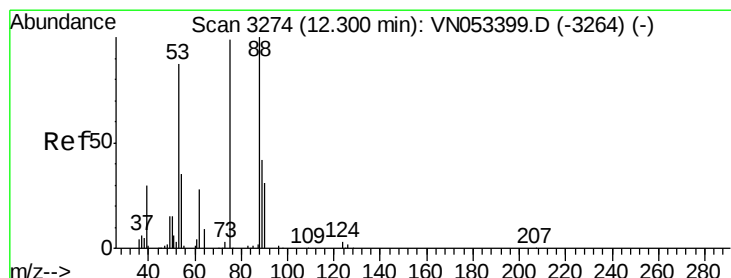
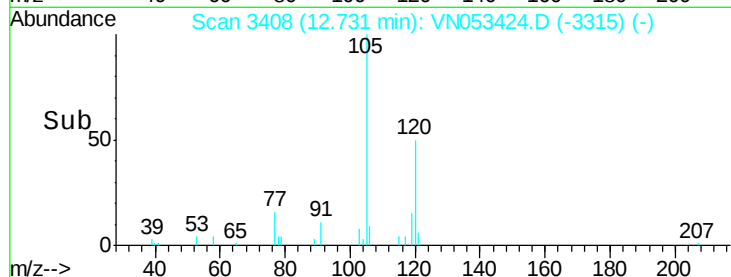
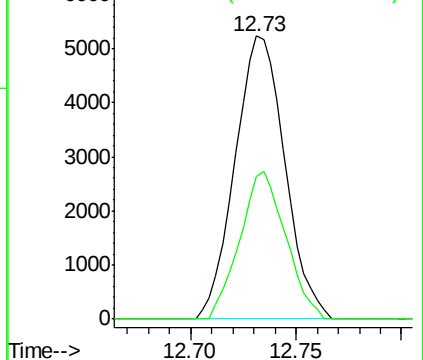
105 100

120 47.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 91.527 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053424.D

Acq: 16 Jan 2019 14:48

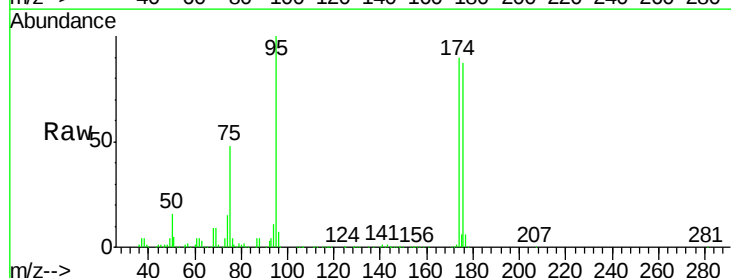
Tgt Ion: 75 Resp: 291325

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

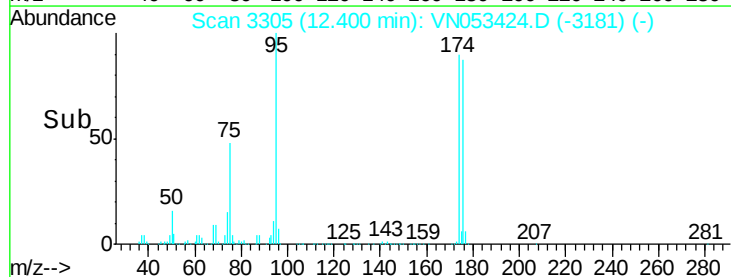
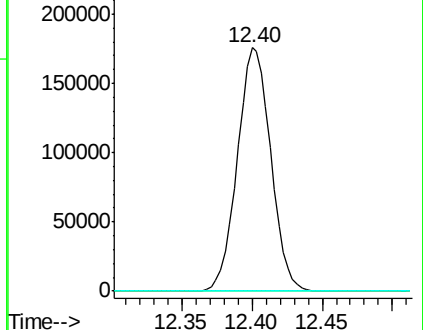
89 0.0 35.6 53.4#

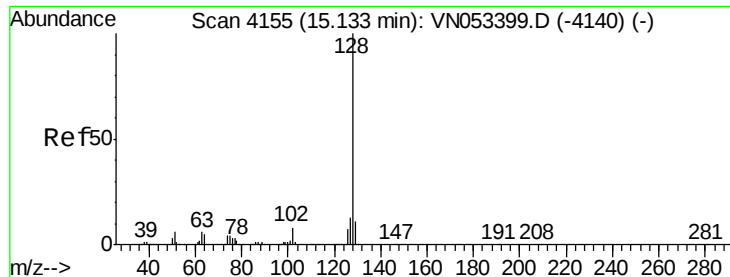


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#95

Naphthalene

Concen: 3.969 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN053424.D

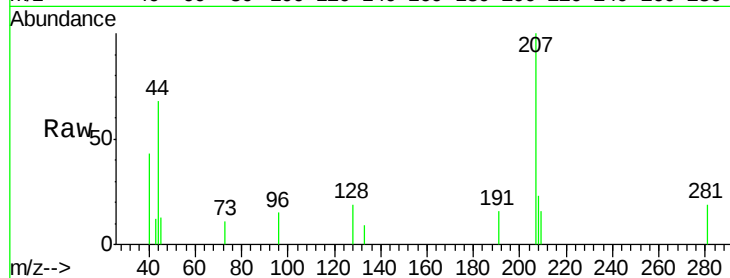
Acq: 16 Jan 2019 14:48

Instrument :

MSVOA\_N

ClientSampleId :

PB116405ZHE#07



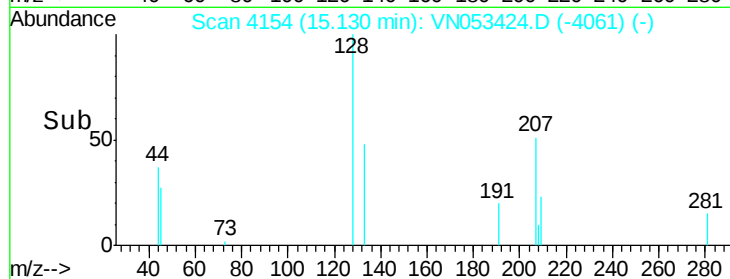
Tot Ion:128 Resp: 466

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#



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

