

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054663.D
 Acq On : 25 Mar 2019 11:02
 Operator : JC/SP
 Sample : PB118163TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118163TB

Quant Time: Mar 26 01:57:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

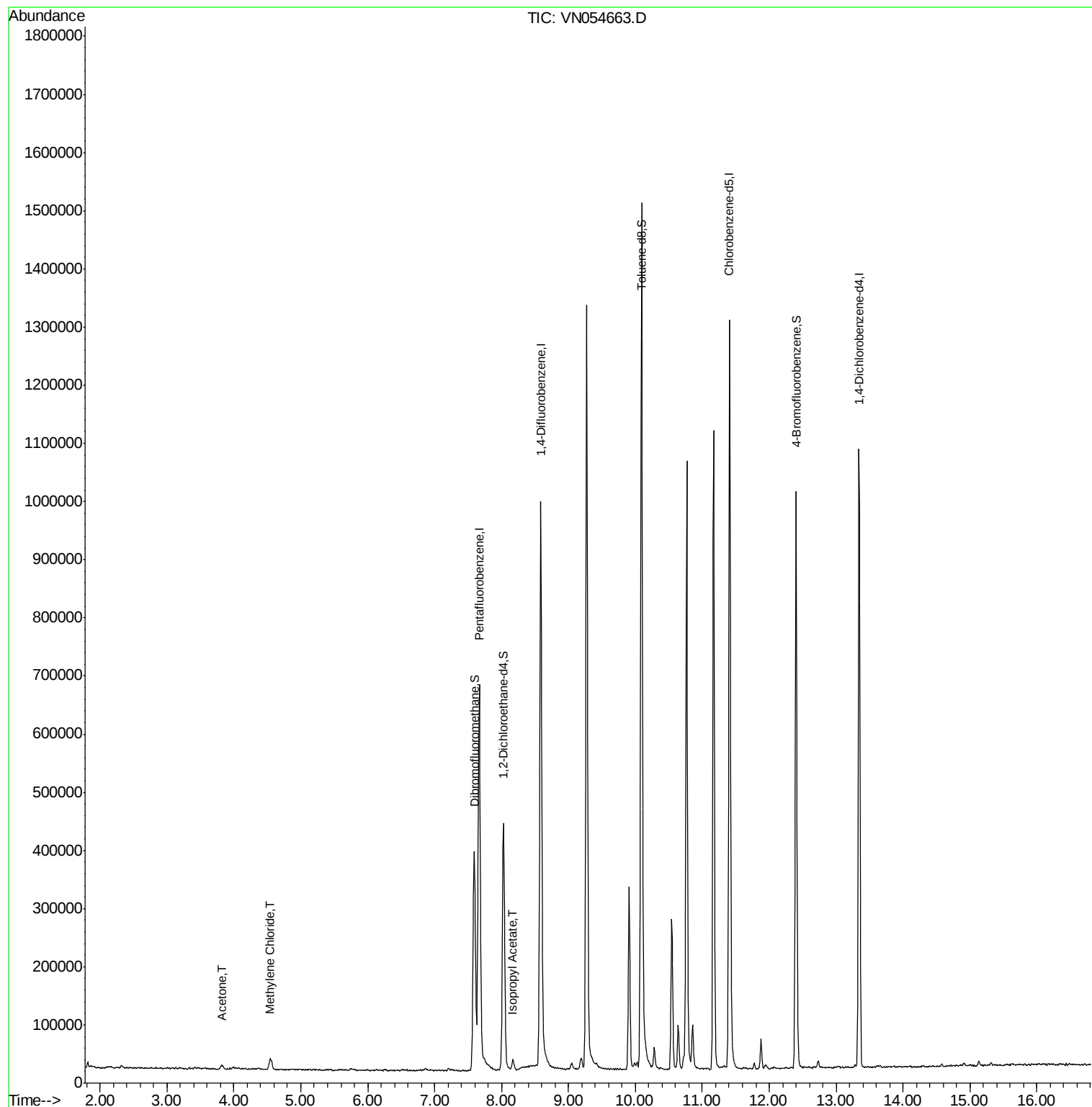
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	554858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	910481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	768877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	370459	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
35) Dibromofluoromethane	7.59	113	285499	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	10.09	98	1099520	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	344412	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
16) Acetone	3.82	43	12170	5.865	ug/l #	76
20) Methylene Chloride	4.54	84	12062	1.972	ug/l #	83
43) Isopropyl Acetate	8.17	43	19814	1.938	ug/l #	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

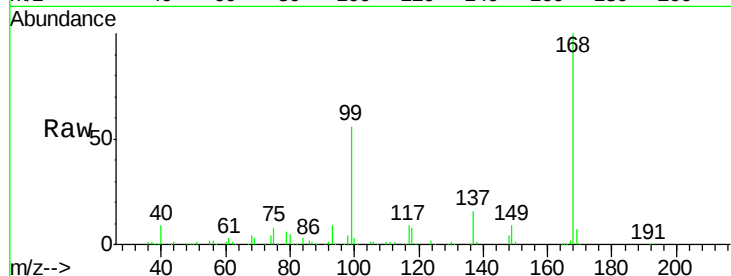
PB118163TB

Tot Ion:168 Resp: 554858

Ion Ratio Lower Upper

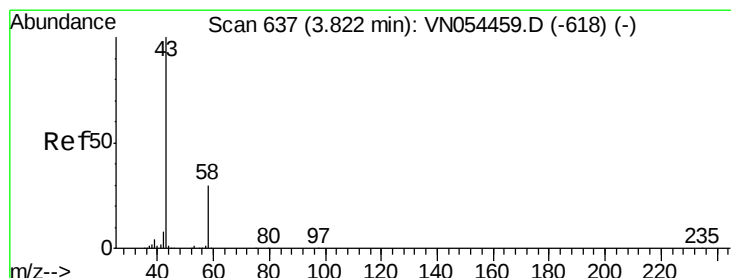
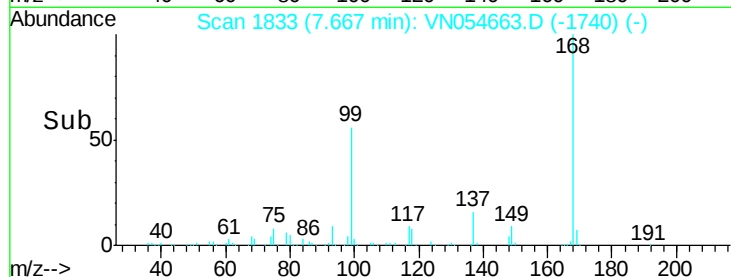
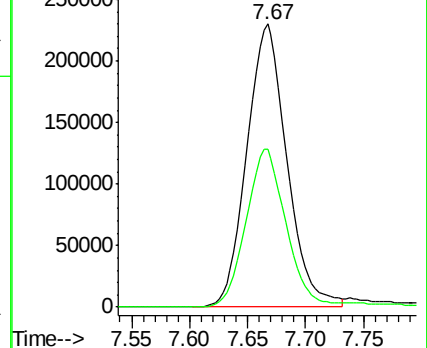
168 100

99 55.8 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.865 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN054663.D

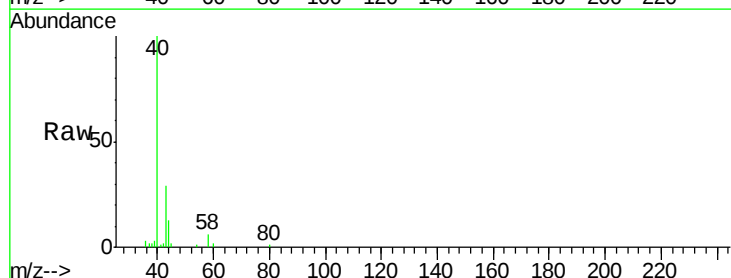
Acq: 25 Mar 2019 11:02

Tgt Ion: 43 Resp: 12170

Ion Ratio Lower Upper

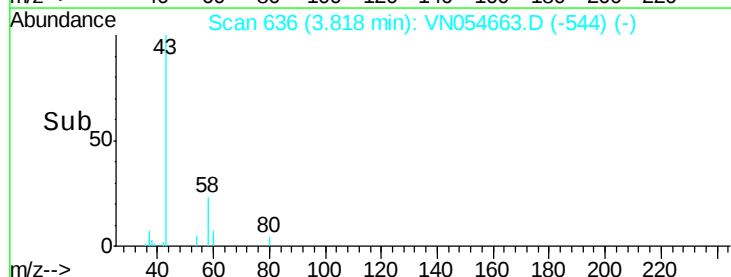
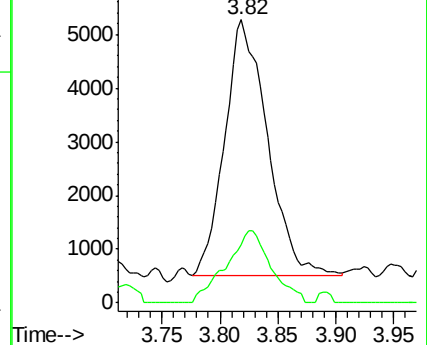
43 100

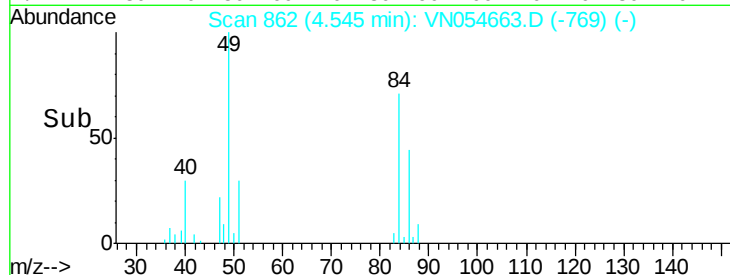
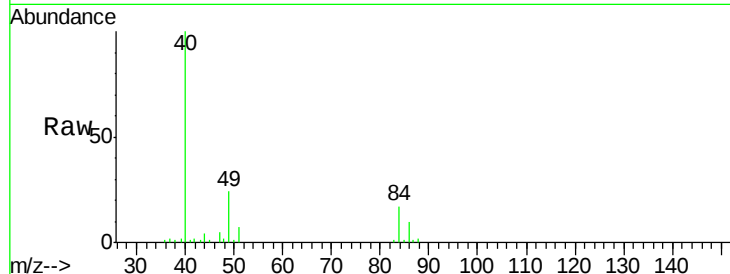
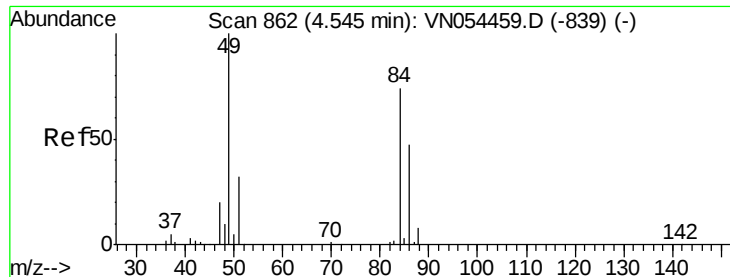
58 22.9 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

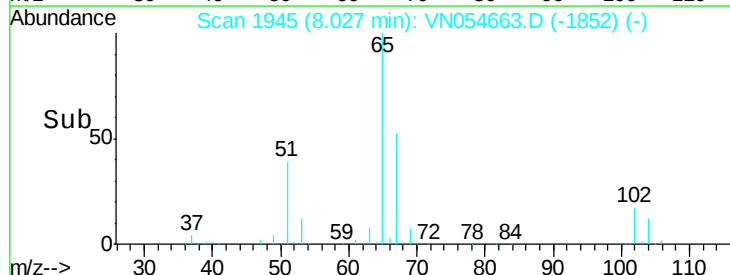
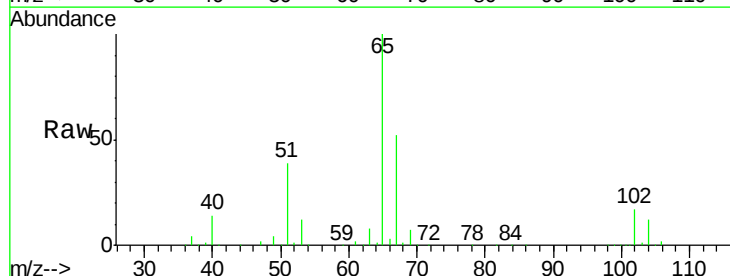
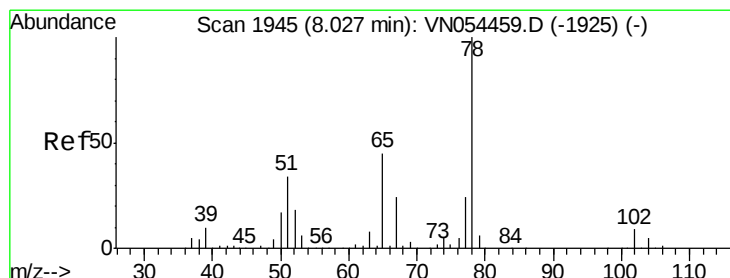
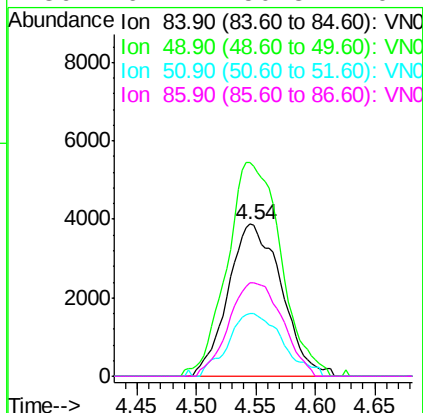




#20
Methvlene Chloride
Concen: 1.972 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054663.D
Acq: 25 Mar 2019 11:02

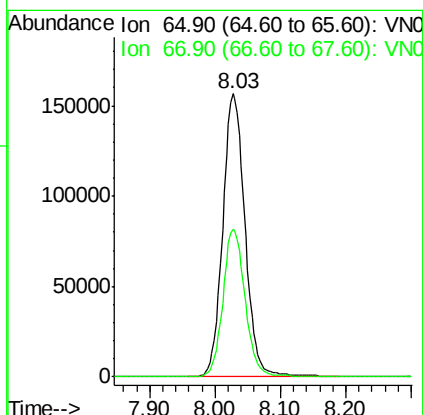
Instrument :
MSVOA_N
ClientSampleId :
PB118163TB

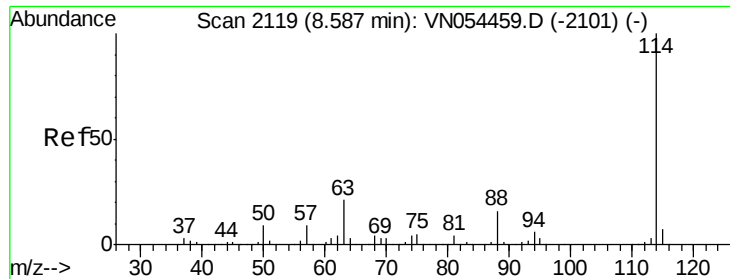
Tot Ion: 84 Resp: 12062
Ion Ratio Lower Upper
84 100
49 140.5 89.7 134.5#
51 41.5 28.2 42.4
86 61.4 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 53.678 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054663.D
Acq: 25 Mar 2019 11:02

Tgt Ion: 65 Resp: 370459
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6

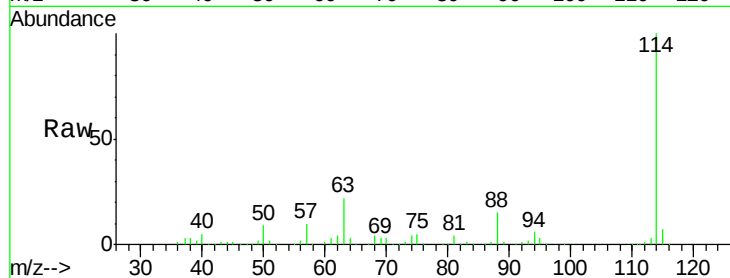




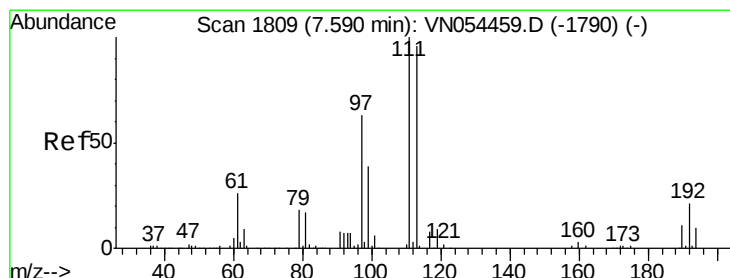
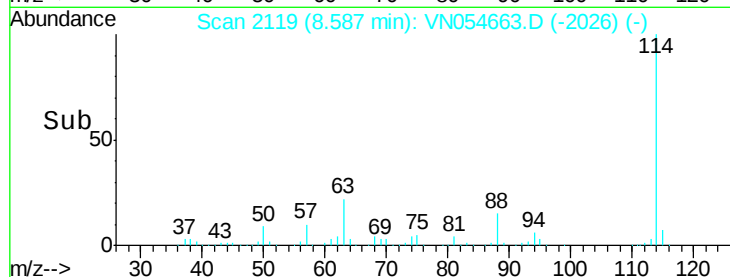
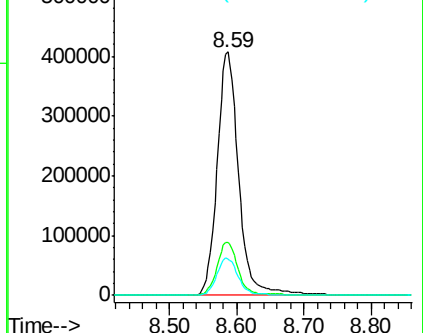
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054663.D
 Acq: 25 Mar 2019 11:02

Instrument :
 MSVOA_N
 ClientSampled :
 PB118163TB

Tot Ion:114 Resp: 910481
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 35.2
 88 15.1 0.0 30.2

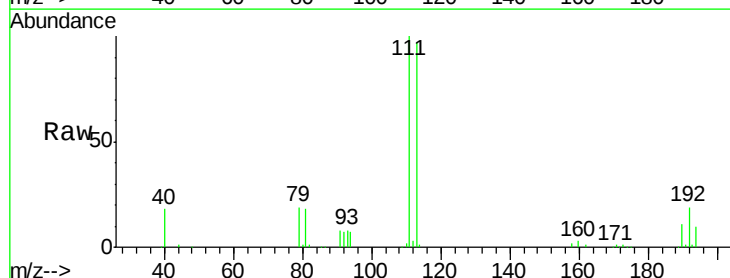


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

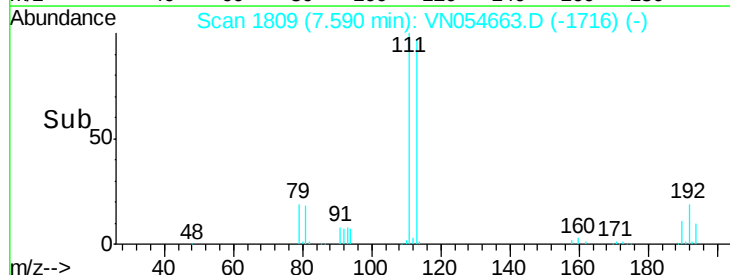
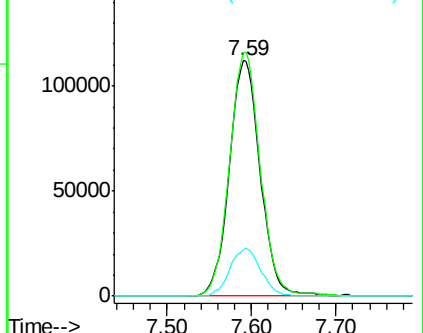


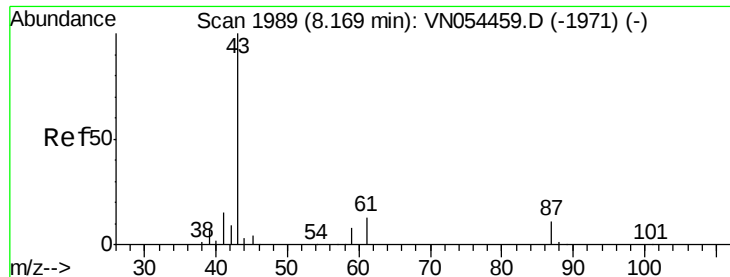
#35
 Dibromofluoromethane
 Concen: 48.672 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054663.D
 Acq: 25 Mar 2019 11:02

Tgt Ion:113 Resp: 285499
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.4
 192 20.5 19.2 28.8



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





#43

Isopropyl Acetate

Concen: 1.938 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampled :

PB118163TB

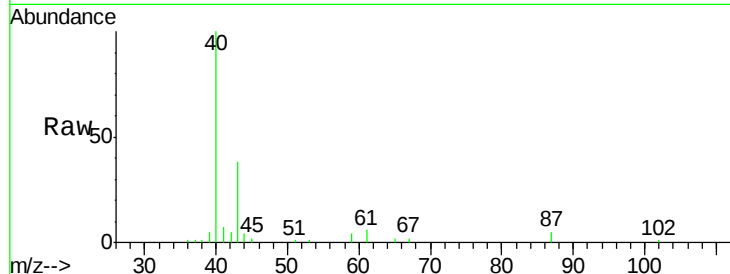
Tot Ion: 43 Resp: 19814

Ion Ratio Lower Upper

43 100

61 17.9 15.8 23.8

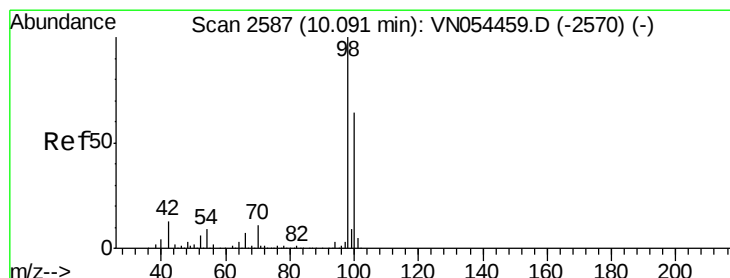
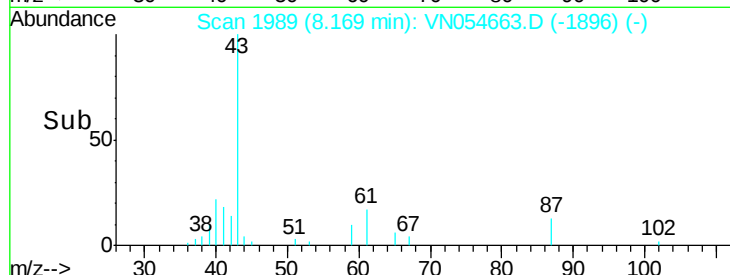
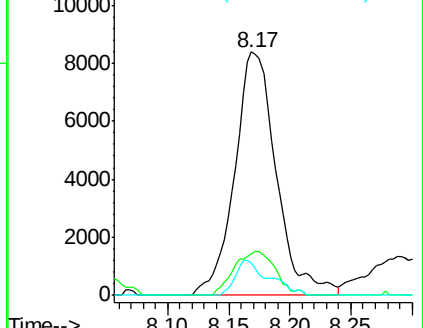
87 11.8 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.861 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054663.D

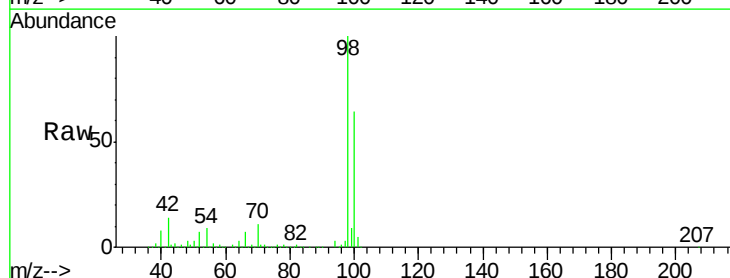
Acq: 25 Mar 2019 11:02

Tgt Ion: 98 Resp: 1099520

Ion Ratio Lower Upper

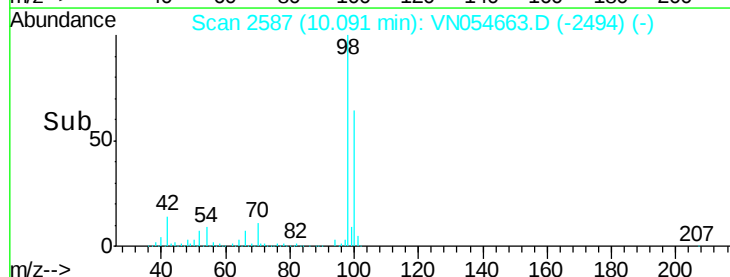
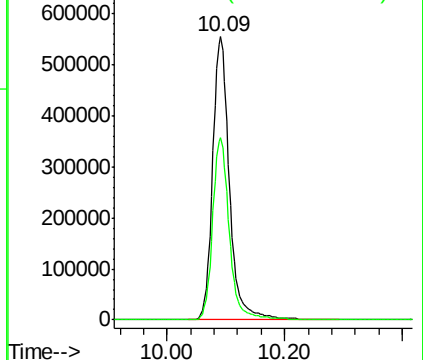
98 100

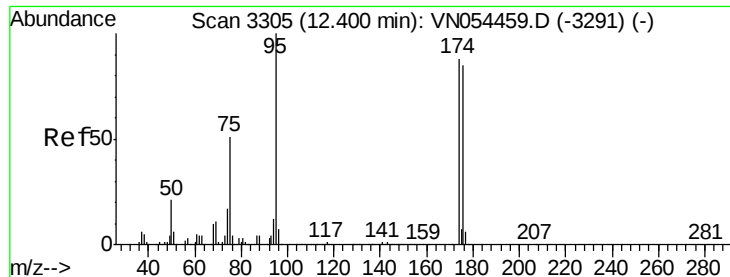
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.898 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampled :

PB118163TB

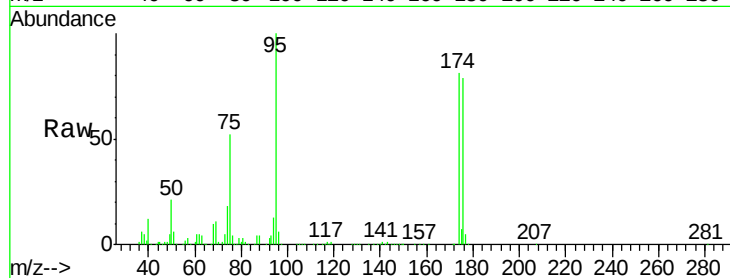
Tot Ion: 95 Resp: 344412

Ion Ratio Lower Upper

95 100

174 83.0 0.0 191.0

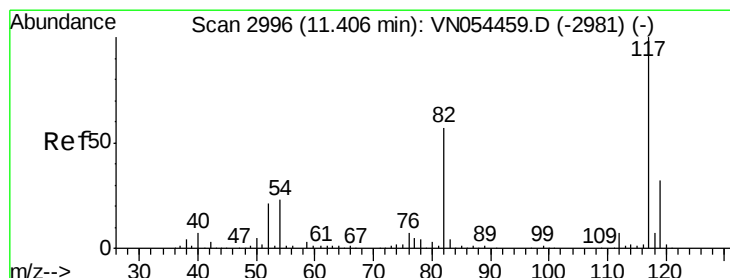
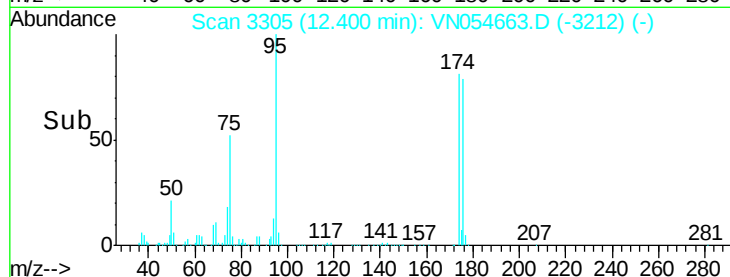
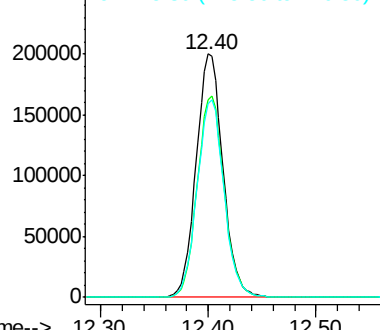
176 81.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

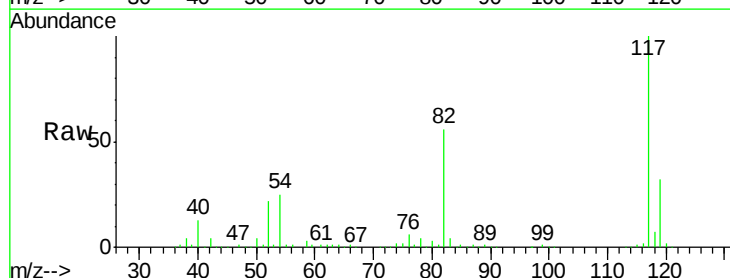
Tgt Ion: 117 Resp: 768877

Ion Ratio Lower Upper

117 100

82 56.2 40.0 60.0

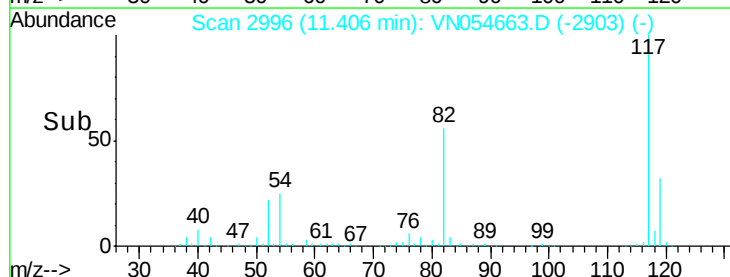
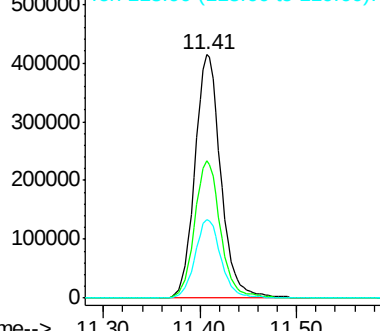
119 32.4 25.8 38.6

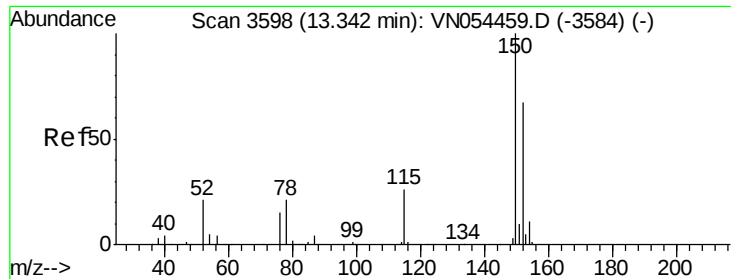


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

PB118163TB

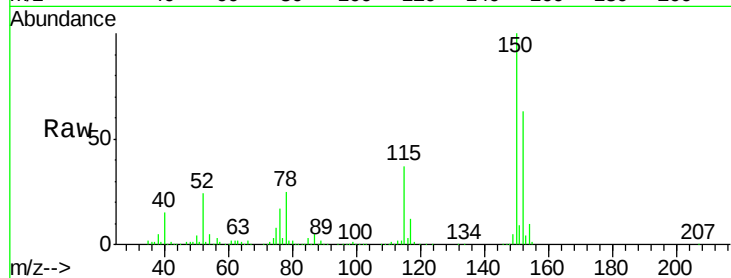
Tot Ion:152 Resp: 285318

Ion Ratio Lower Upper

152 100

115 58.0 27.2 81.6

150 156.7 0.0 349.2



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

