

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053254.D
 Acq On : 3 Jan 2019 11:36
 Operator : MD\SY
 Sample : PB116114TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116114TB

Quant Time: Jan 04 07:13:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

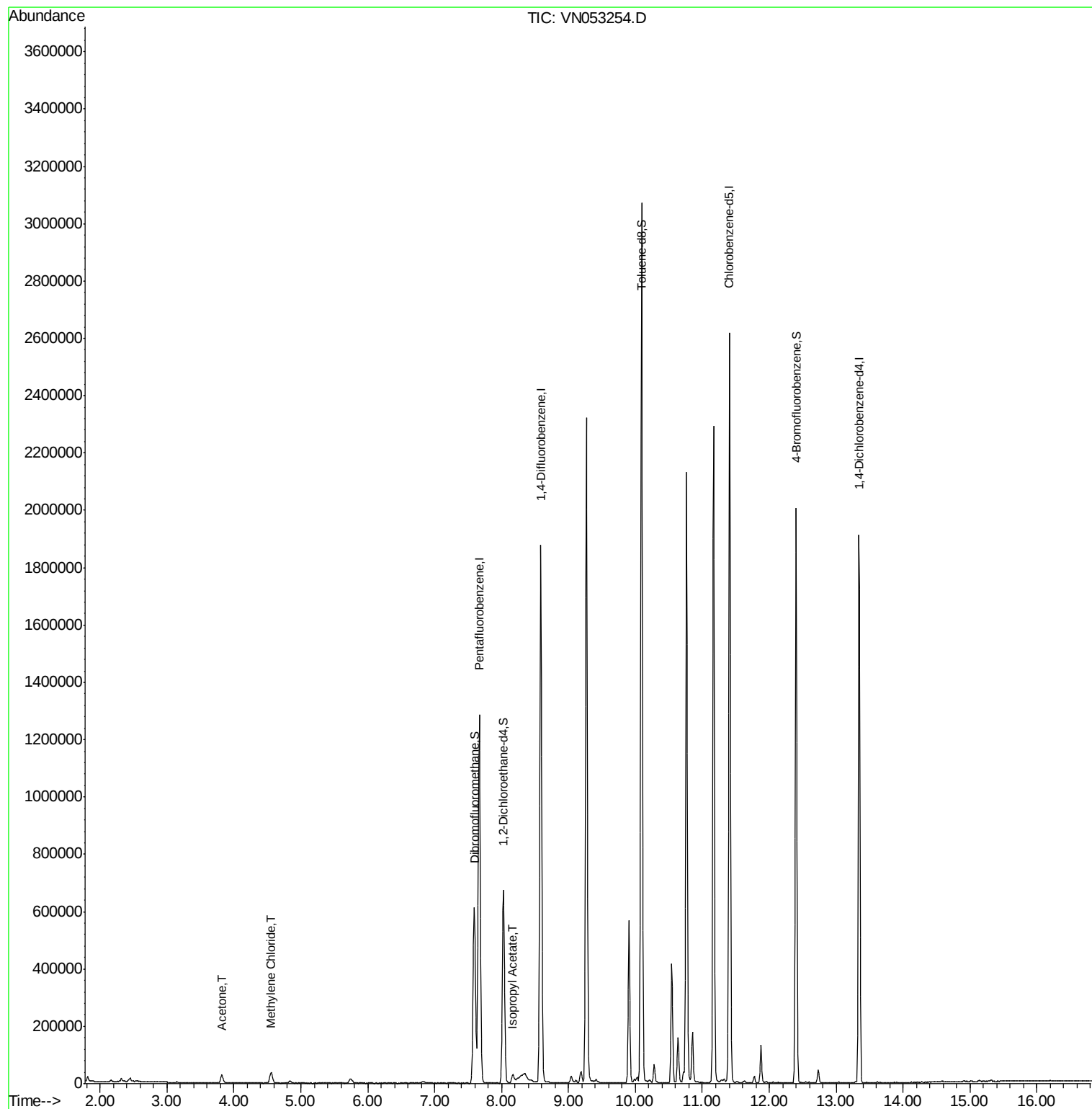
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1130539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1744883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1593429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	545356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	552288	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	7.59	113	477275	59.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.76%	
50) Toluene-d8	10.09	98	2177506	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.40	95	701421	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
Target Compounds						
16) Acetone	3.82	43	50110	22.276	ug/l	96
20) Methylene Chloride	4.56	84	28035	2.285	ug/l	91
43) Isopropyl Acetate	8.17	43	43415	1.384	ug/l #	85

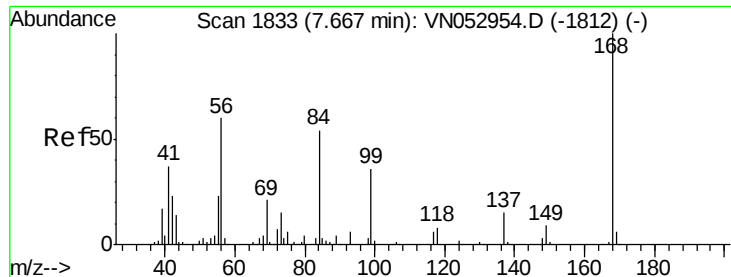
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
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: VN053254.D

Acq: 3 Jan 2019 11:36

Instrument :

MSVOA_N

ClientSampled :

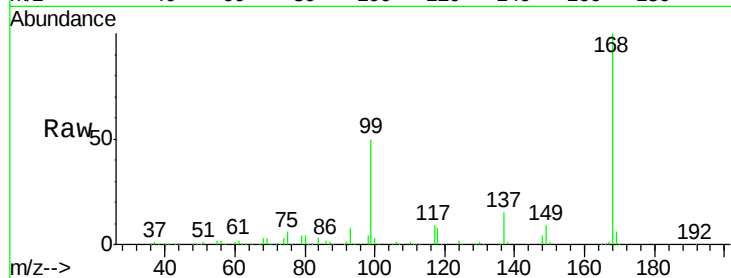
PB116114TB

Tot Ion:168 Resp: 1130539

Ion Ratio Lower Upper

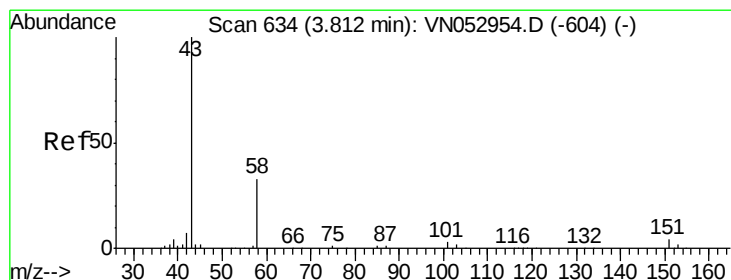
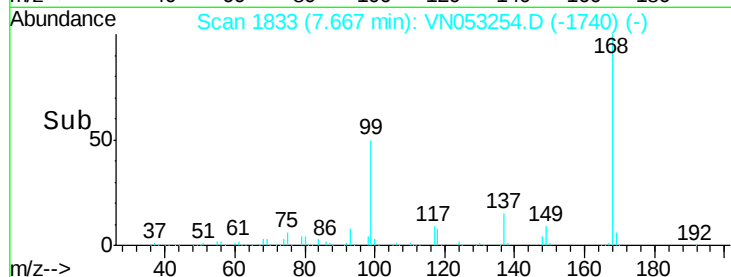
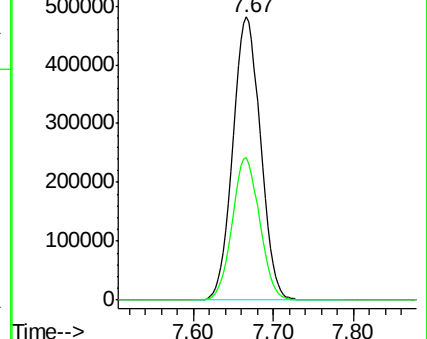
168 100

99 50.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 22.276 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053254.D

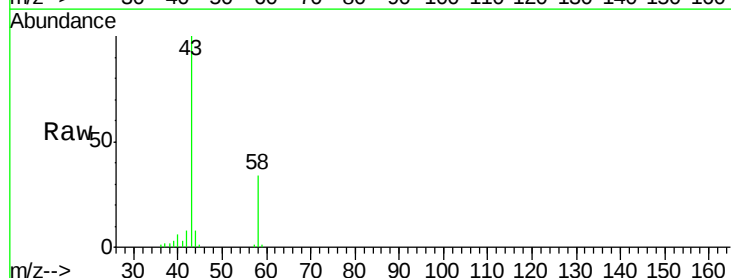
Acq: 3 Jan 2019 11:36

Tgt Ion: 43 Resp: 50110

Ion Ratio Lower Upper

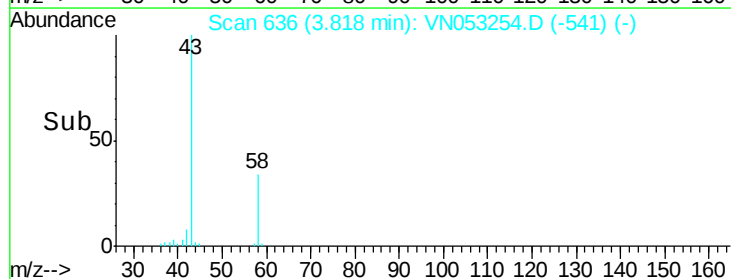
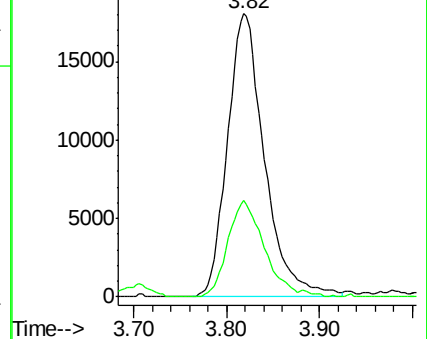
43 100

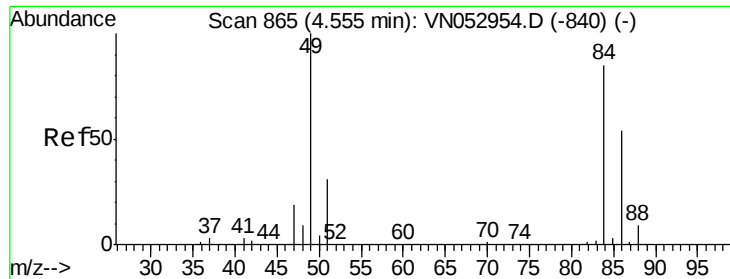
58 34.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

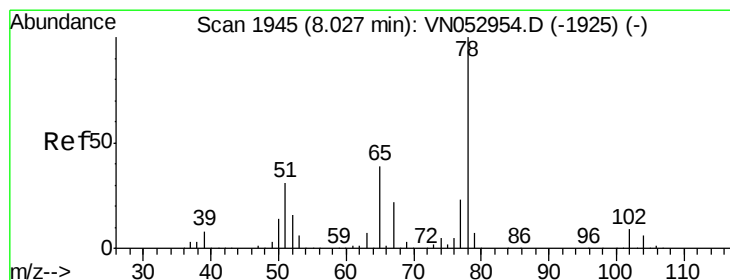
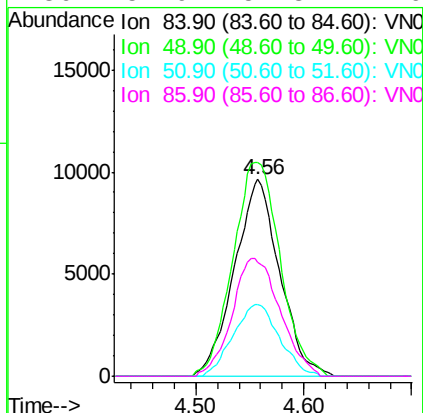
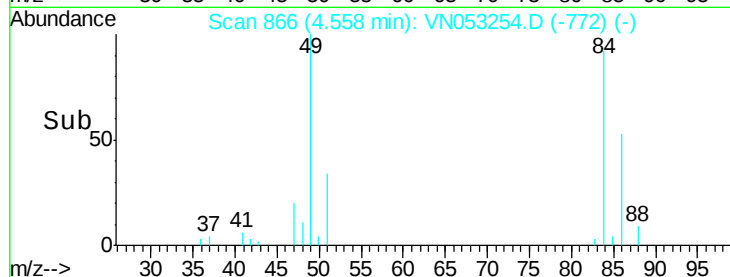
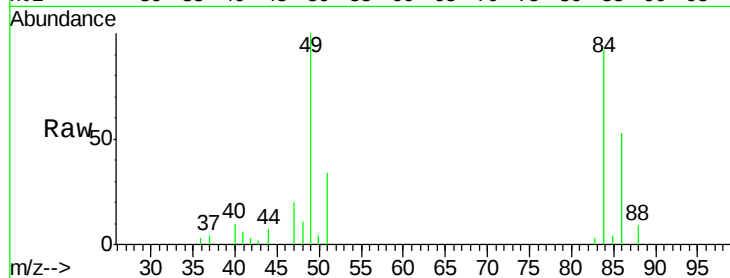




#20
Methylene Chloride
Concen: 2.285 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053254.D
Acq: 3 Jan 2019 11:36

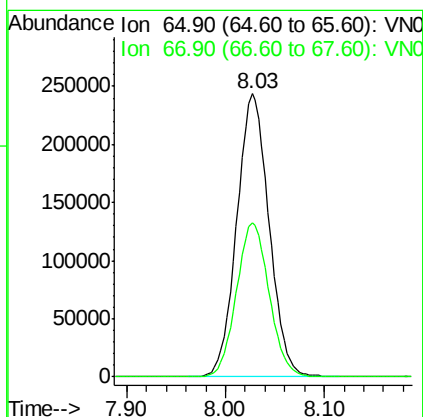
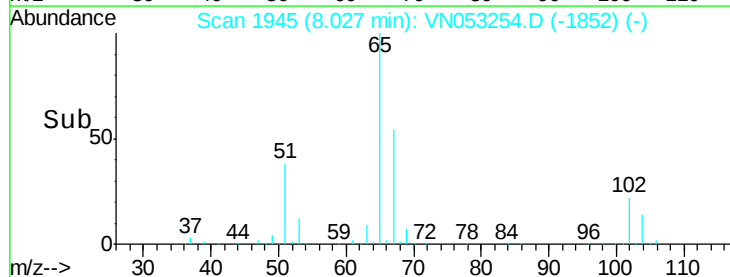
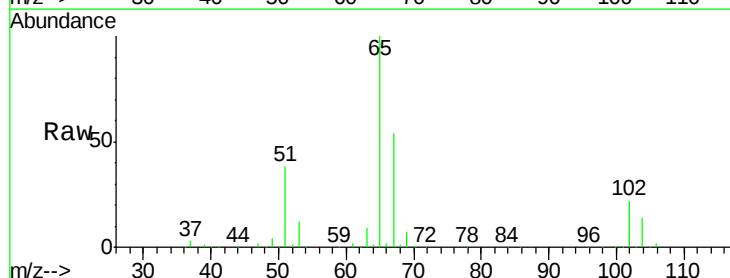
Instrument :
MSVOA_N
ClientSampleId :
PB116114TB

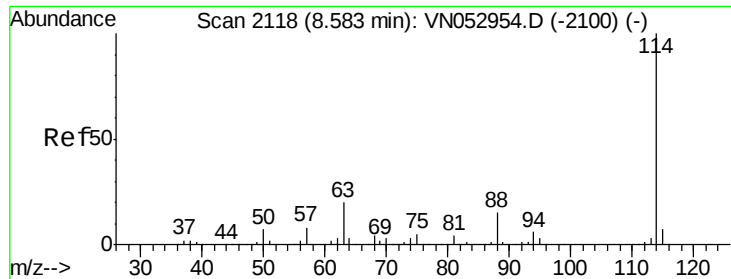
Tot Ion: 84 Resp: 28035
Ion Ratio Lower Upper
84 100
49 108.6 96.8 145.2
51 36.7 29.9 44.9
86 57.9 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053254.D
Acq: 3 Jan 2019 11:36

Tgt Ion: 65 Resp: 552288
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.4

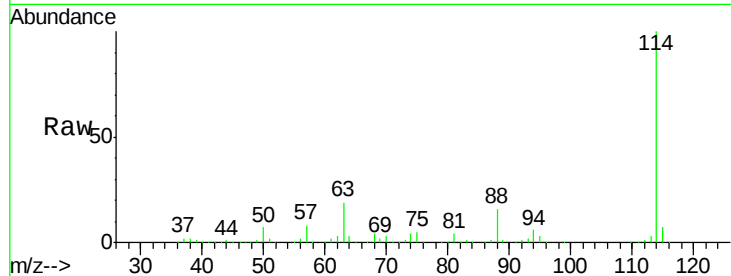




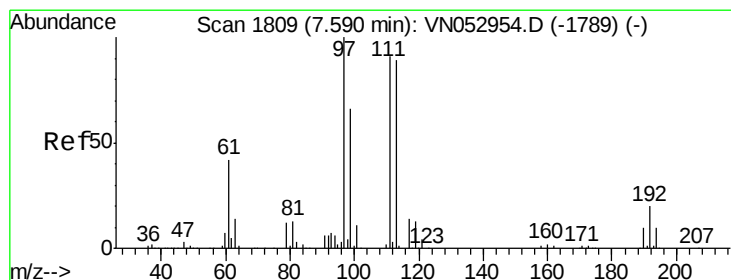
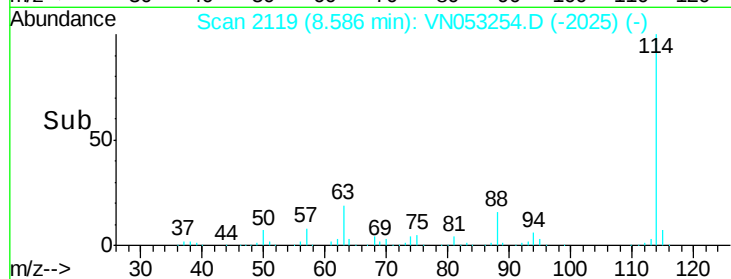
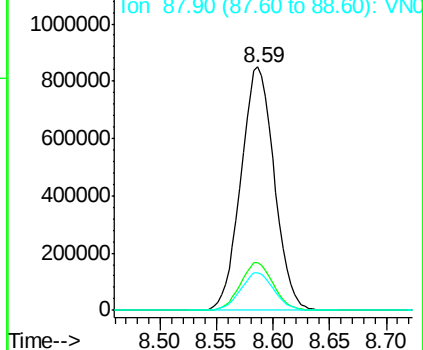
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053254.D
 Acq: 3 Jan 2019 11:36

Instrument :
 MSVOA_N
 ClientSampled :
 PB116114TB

Tot Ion:114 Resp: 1744883
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.6 0.0 31.0

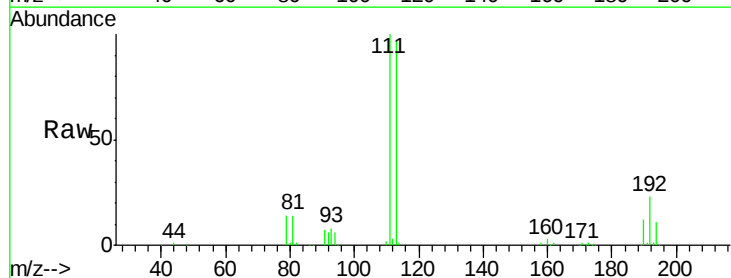


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

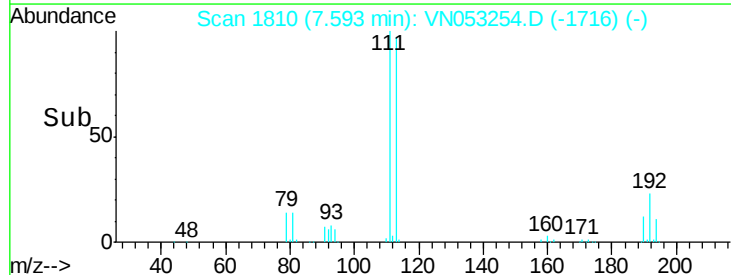
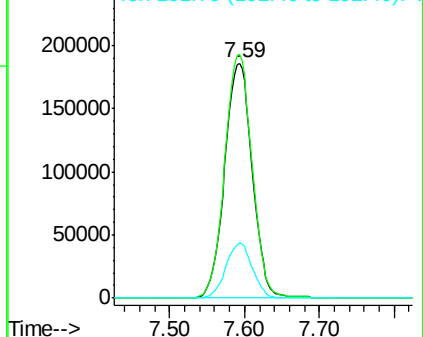


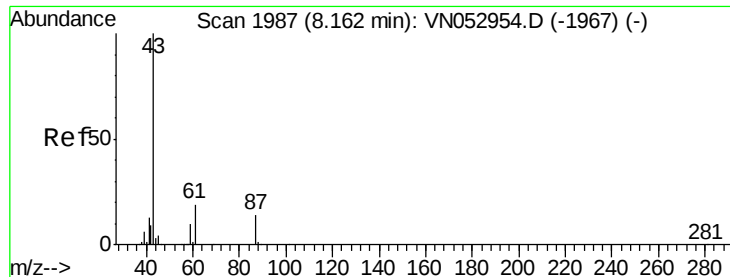
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053254.D
 Acq: 3 Jan 2019 11:36

Tgt Ion:113 Resp: 477275
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.4
 192 22.5 17.5 26.3



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: 1.384 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053254.D

Acq: 3 Jan 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

PB116114TB

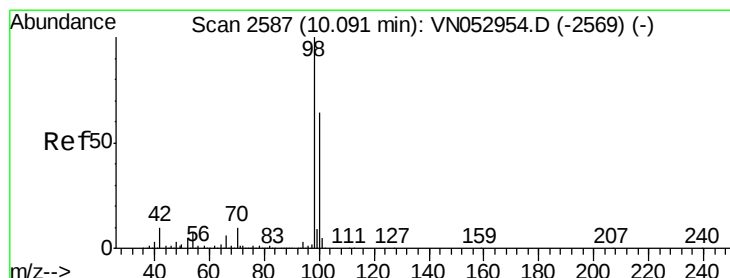
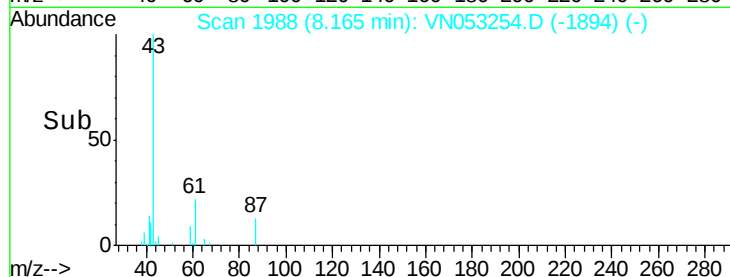
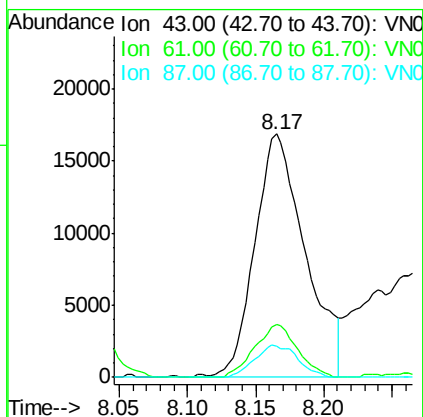
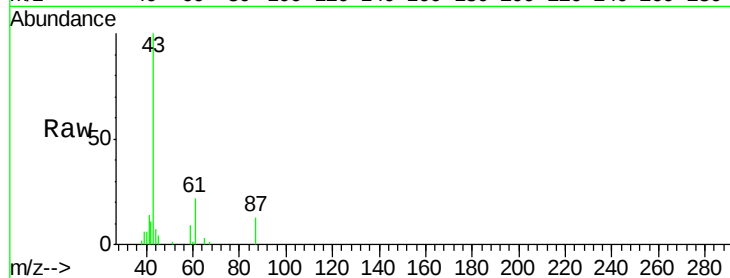
Tot Ion: 43 Resp: 43415

Ion Ratio Lower Upper

43 100

61 18.3 22.9 34.3#

87 11.3 10.6 15.8



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053254.D

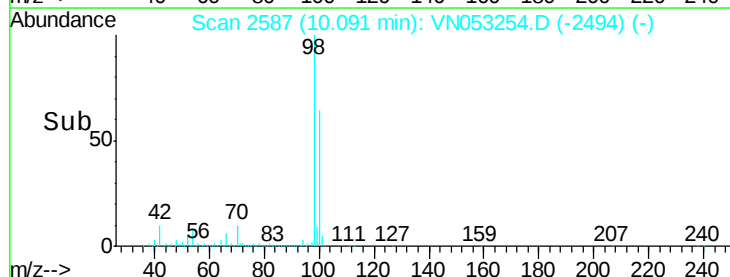
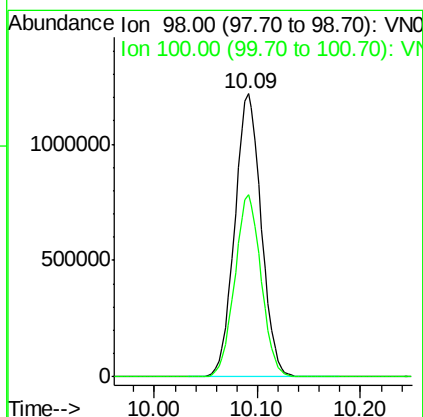
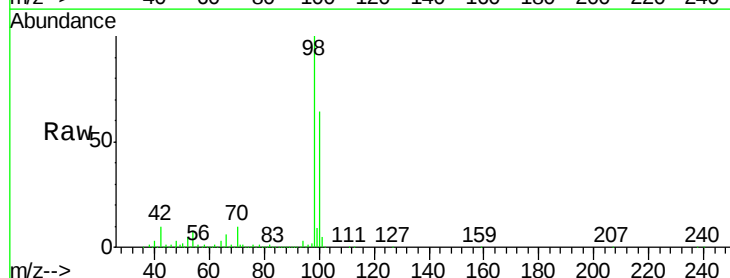
Acq: 3 Jan 2019 11:36

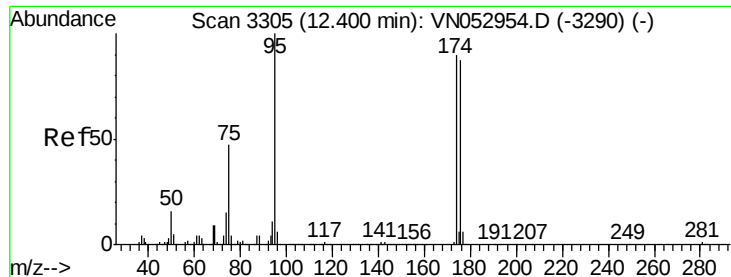
Tgt Ion: 98 Resp: 2177506

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053254.D

Acq: 3 Jan 2019 11:36

Instrument :

MSVOA_N

ClientSampled :

PB116114TB

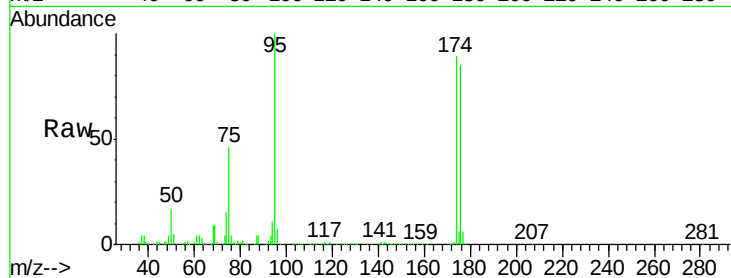
Tot Ion: 95 Resp: 701421

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.8

176 86.3 0.0 173.8

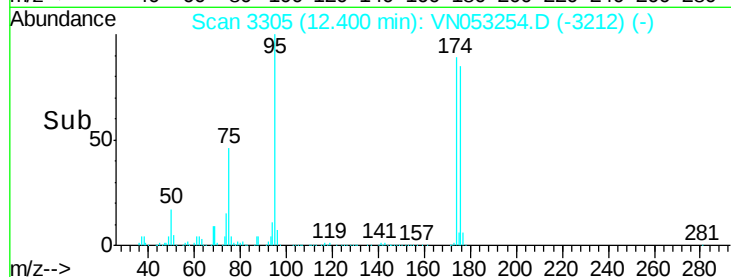


Abundance Ion 94.90 (94.60 to 95.60): VN053254.D (-3290) (-)

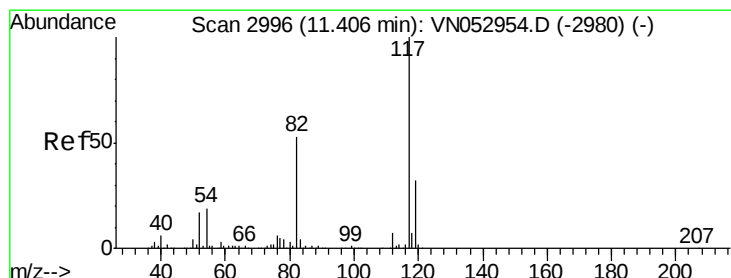
Ion 173.80 (173.50 to 174.50): VN053254.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053254.D (-3290) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053254.D

Acq: 3 Jan 2019 11:36

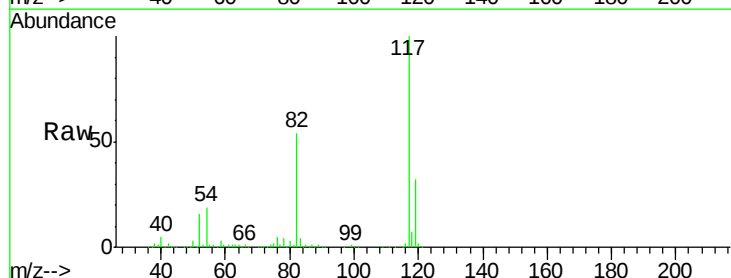
Tgt Ion: 117 Resp: 1593429

Ion Ratio Lower Upper

117 100

82 54.0 42.8 64.2

119 32.0 25.5 38.3

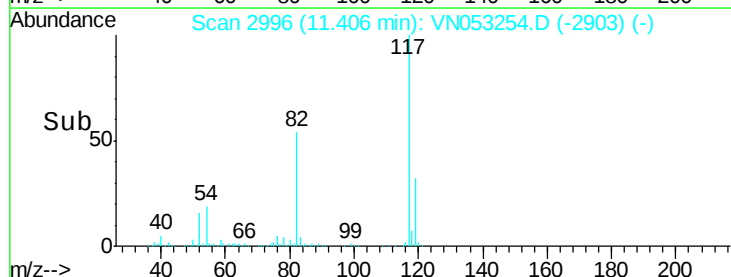


Abundance Ion 116.90 (116.60 to 117.60): VN053254.D (-2980) (-)

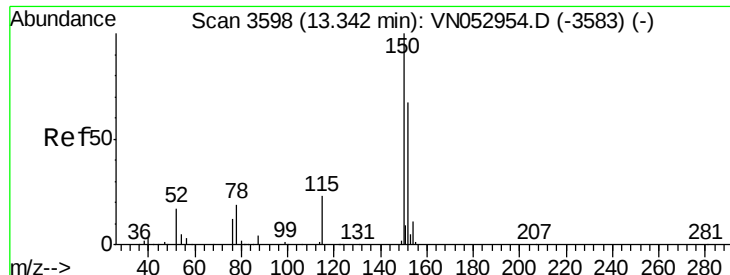
Ion 82.00 (81.70 to 82.70): VN053254.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053254.D (-2980) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053254.D

Acq: 3 Jan 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

PB116114TB

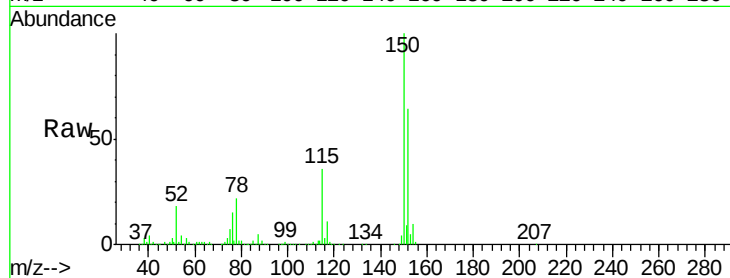
Tot Ion:152 Resp: 545356

Ion Ratio Lower Upper

152 100

115 55.9 28.3 85.0

150 157.5 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

