

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054736.D
 Acq On : 28 Mar 2019 11:35
 Operator : JC/SP
 Sample : PB118320TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118320TB

Quant Time: Mar 29 05:37:17 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

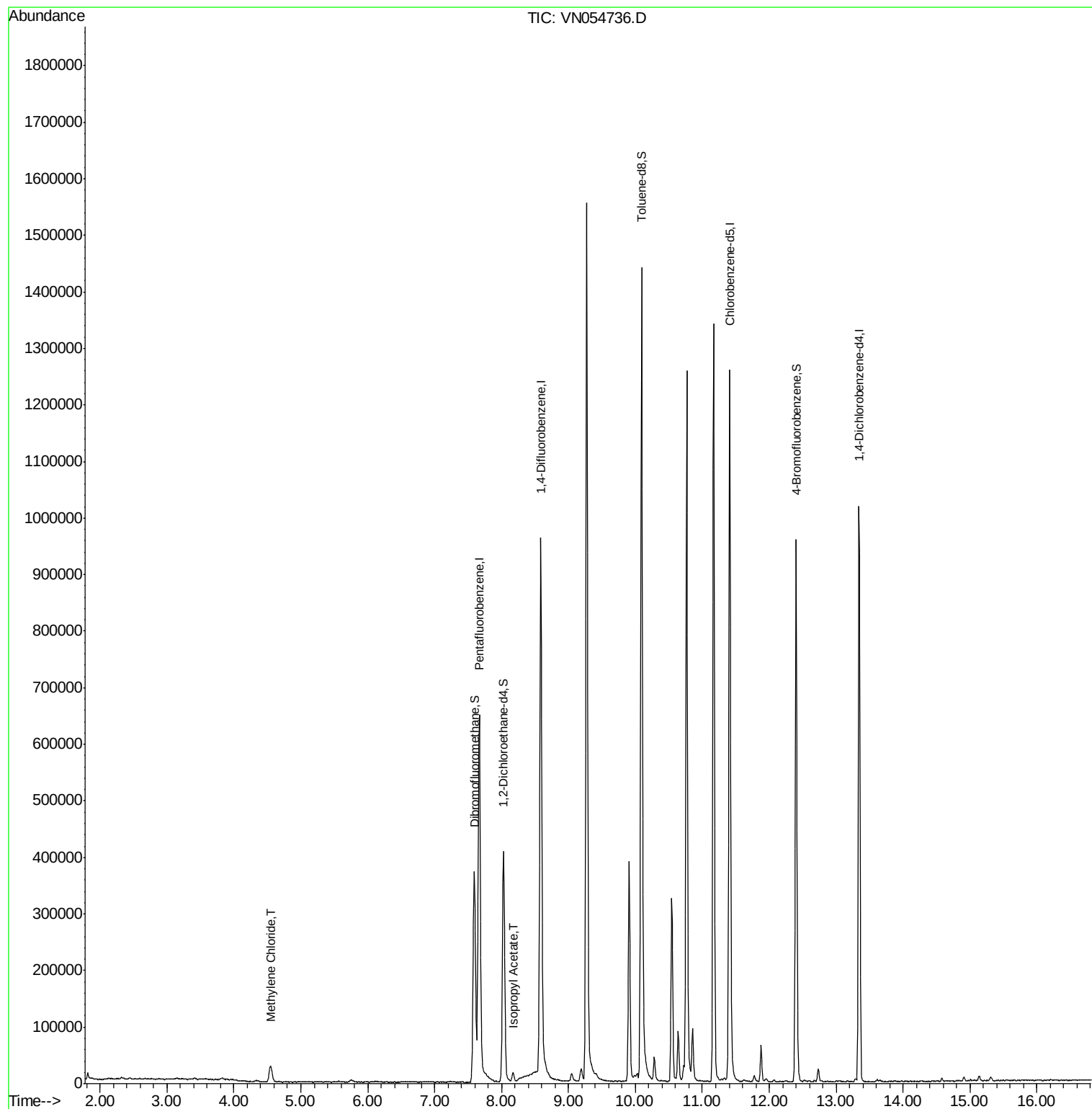
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	566272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	890907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	751664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	357173	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	7.59	113	281304	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.09	98	1068461	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.40	95	330476	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	
Target Compounds						
20) Methylene Chloride	4.54	84	19876	3.184	ug/l #	79
43) Isopropyl Acetate	8.17	43	18670	1.866	ug/l #	94

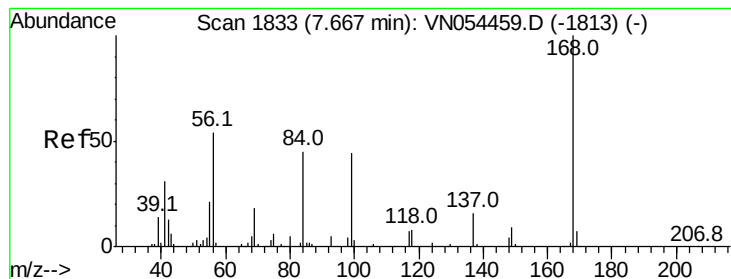
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampled :

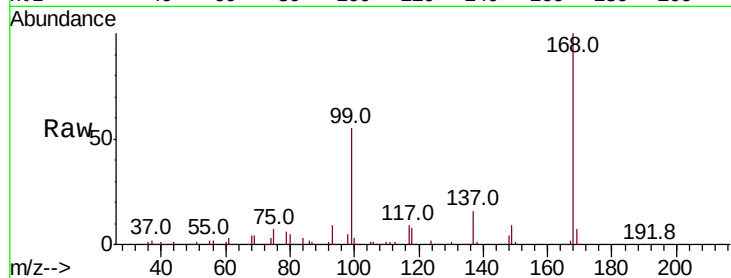
PB118320TB

Tot Ion:168 Resp: 566272

Ion Ratio Lower Upper

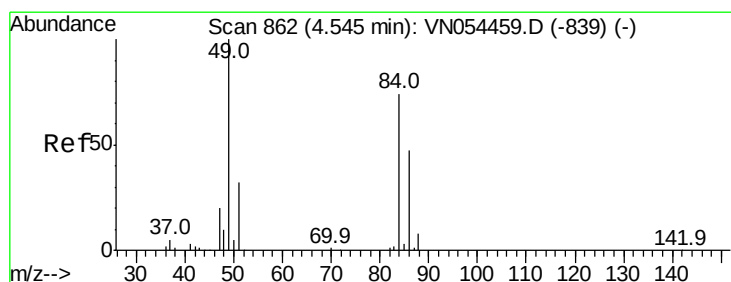
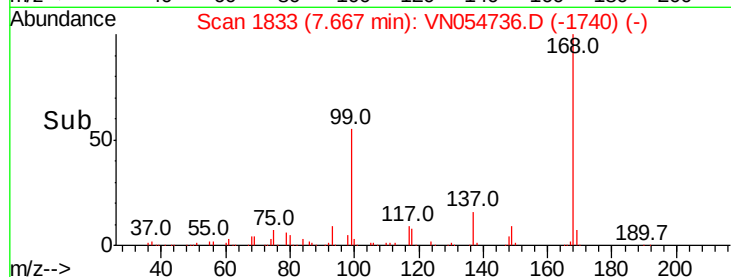
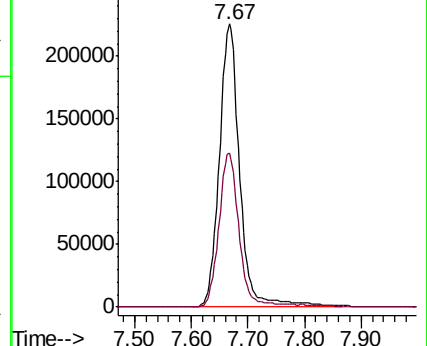
168 100

99 54.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 3.184 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Tgt Ion: 84 Resp: 19876

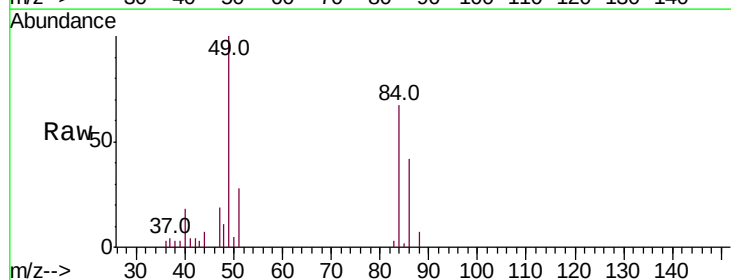
Ion Ratio Lower Upper

84 100

49 149.3 89.7 134.5#

51 42.0 28.2 42.4

86 62.9 50.8 76.2

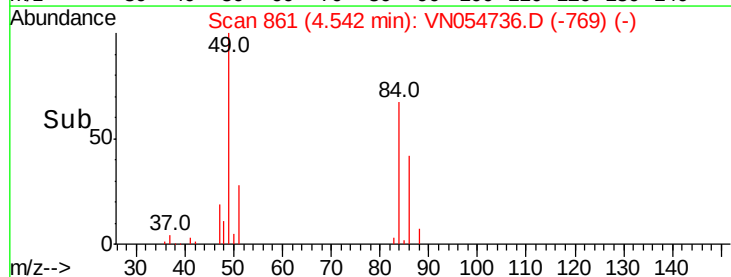
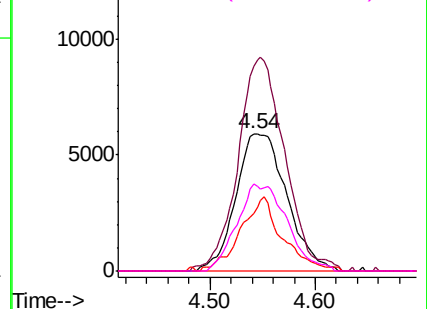


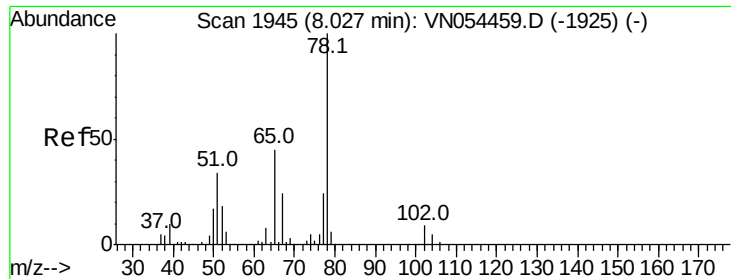
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

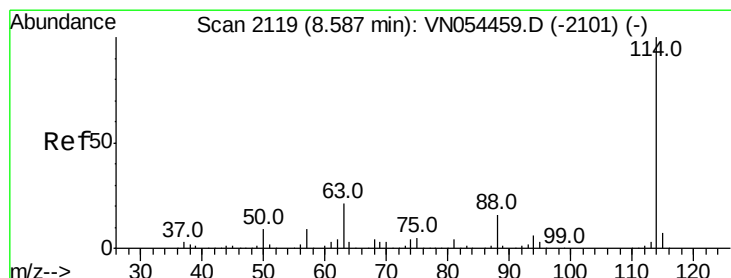
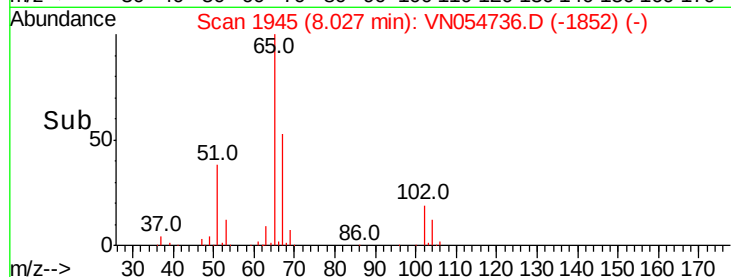
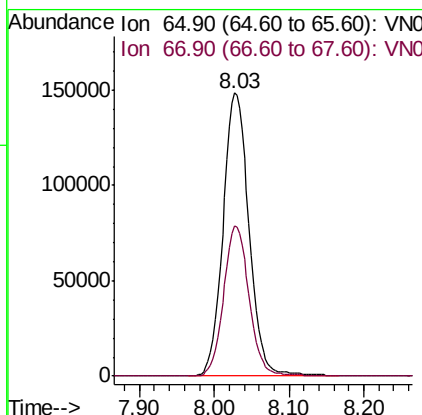
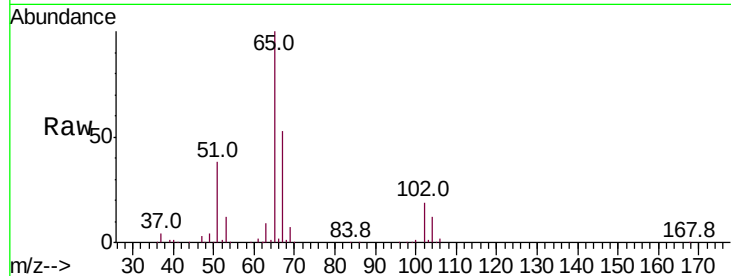




#33
 1,2-Dichloroethane-d4
 Concen: 50.709 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054736.D
 Acq: 28 Mar 2019 11:35

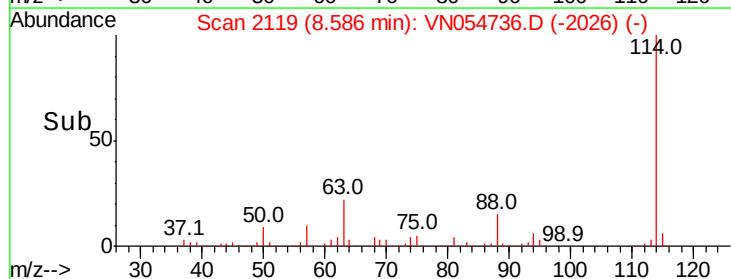
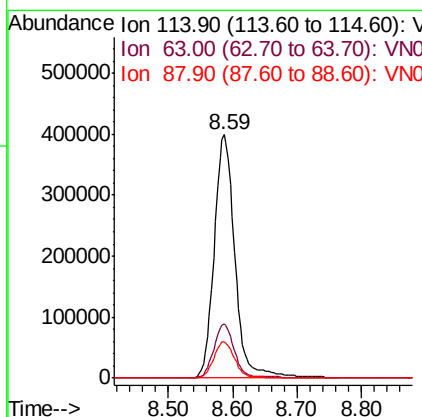
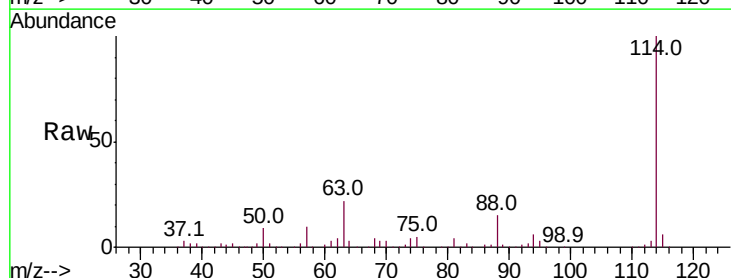
Instrument :
 MSVOA_N
 ClientSampleId :
 PB118320TB

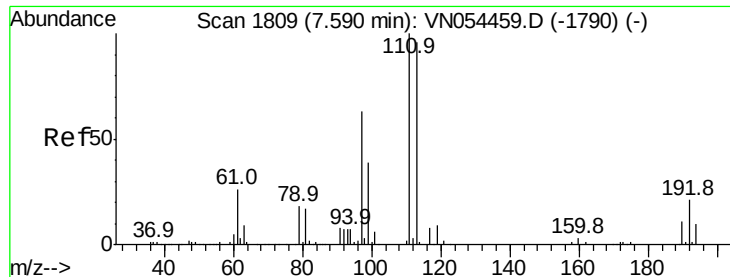
Tot Ion: 65 Resp: 357173
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054736.D
 Acq: 28 Mar 2019 11:35

Tgt Ion: 114 Resp: 890907
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 35.2
 88 14.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.011 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampleId :

PB118320TB

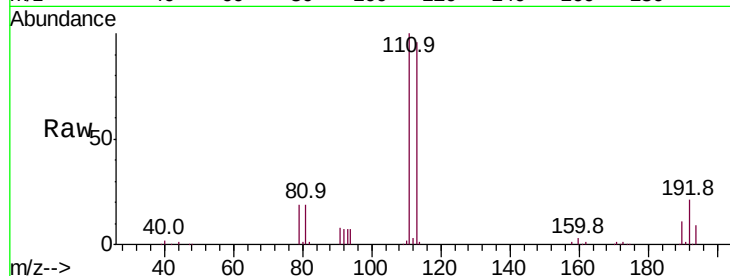
Tot Ion:113 Resp: 281304

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

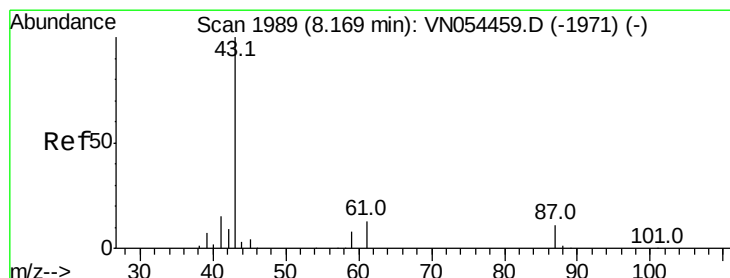
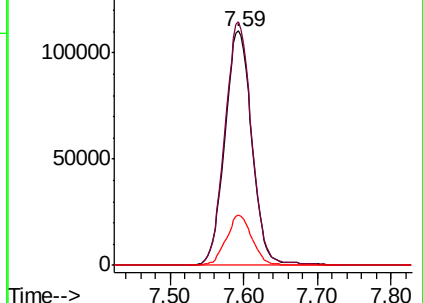
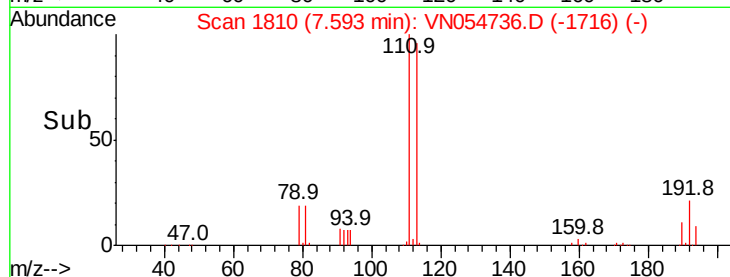
192 20.5 19.2 28.8



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: 1.866 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

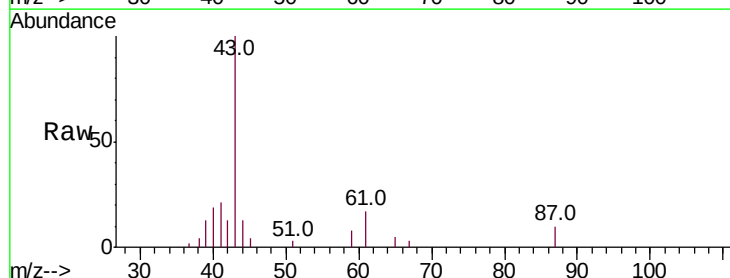
Tgt Ion: 43 Resp: 18670

Ion Ratio Lower Upper

43 100

61 19.1 15.8 23.8

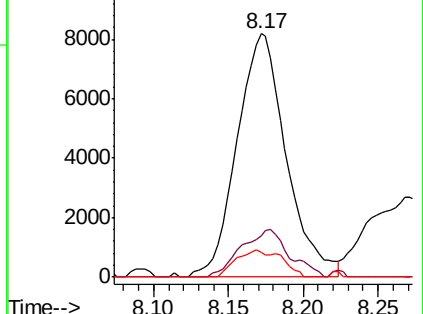
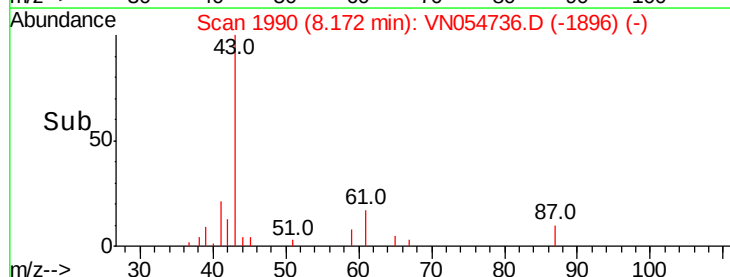
87 10.3 12.0 18.0#

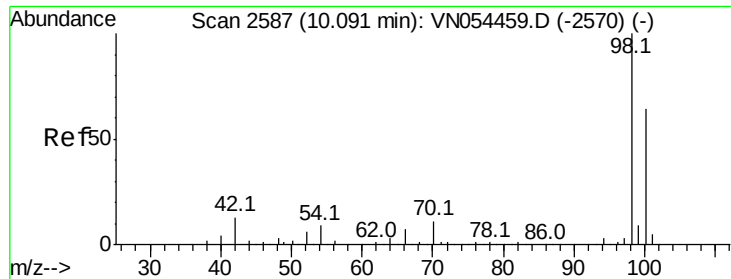


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.517 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampleId :

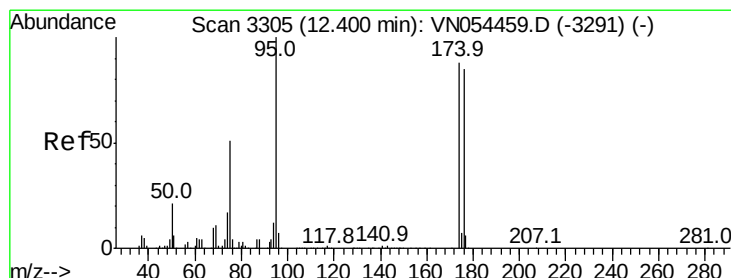
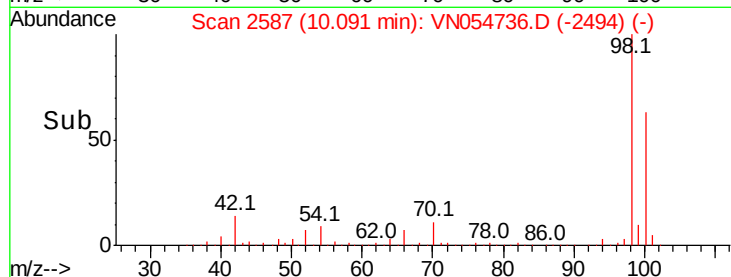
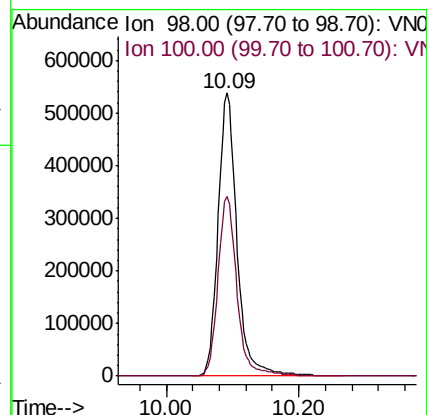
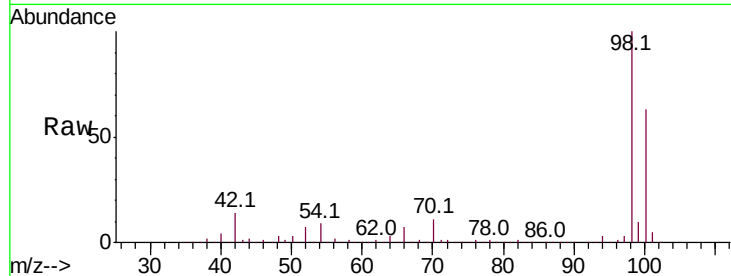
PB118320TB

Tot Ion: 98 Resp: 1068461

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.009 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

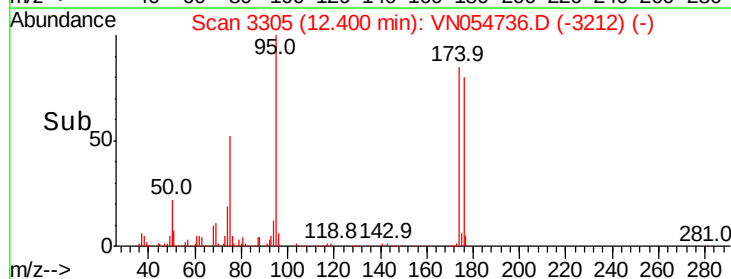
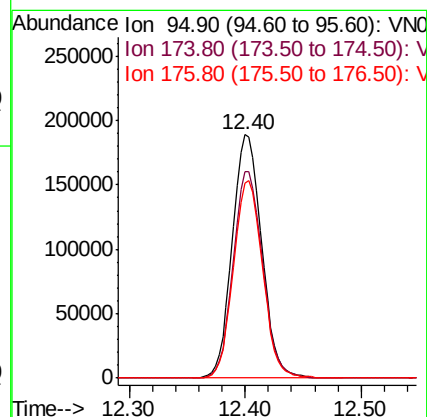
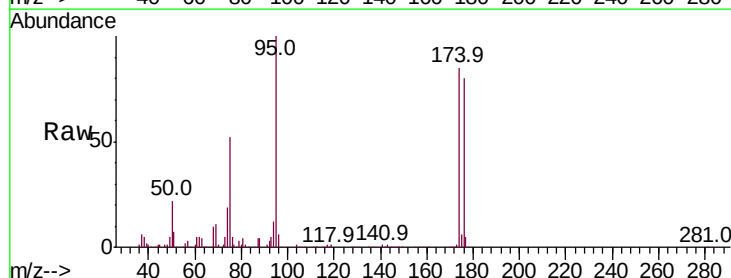
Tgt Ion: 95 Resp: 330476

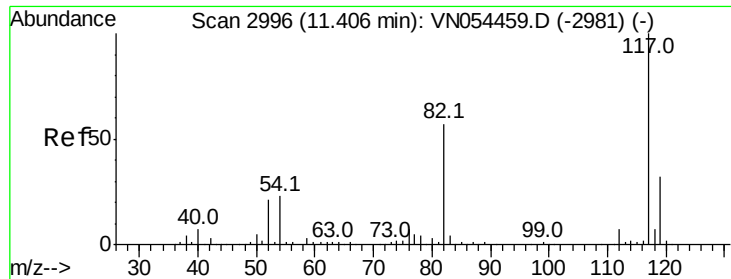
Ion Ratio Lower Upper

95 100

174 85.0 0.0 191.0

176 80.7 0.0 187.4

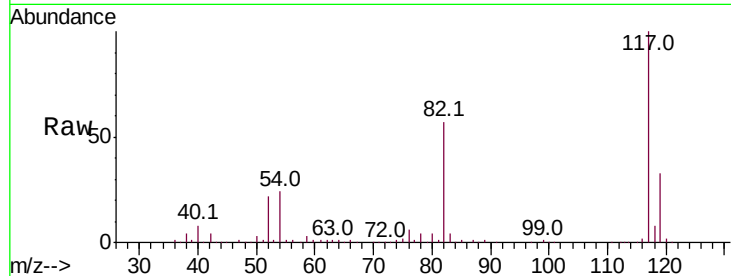




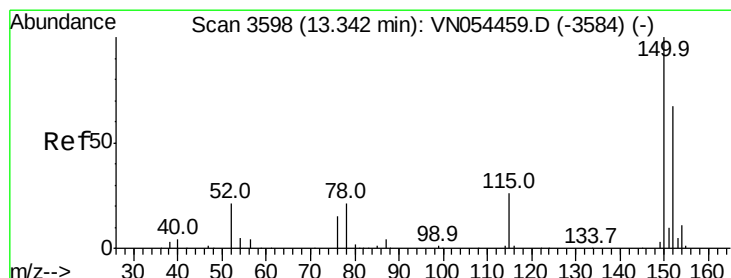
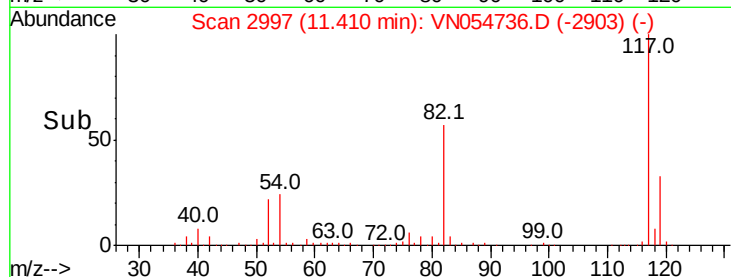
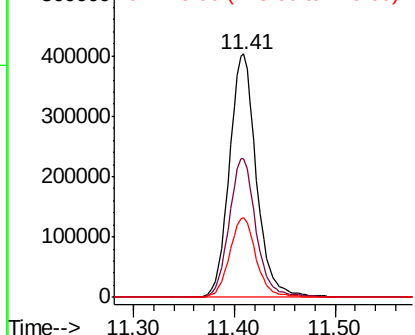
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054736.D
Acq: 28 Mar 2019 11:35

Instrument :
MSVOA_N
ClientSampled :
PB118320TB

Tot Ion:117 Resp: 751664
Ion Ratio Lower Upper
117 100
82 56.7 40.0 60.0
119 32.7 25.8 38.6

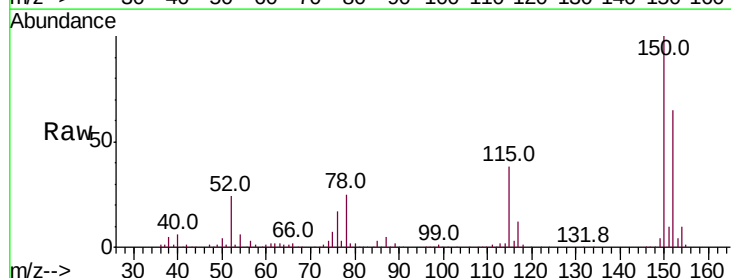


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054736.D
Acq: 28 Mar 2019 11:35

Tgt Ion:152 Resp: 277655
Ion Ratio Lower Upper
152 100
115 57.8 27.2 81.6
150 155.3 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

