

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053787.D
 Acq On : 14 Feb 2019 18:42
 Operator : JC/SP
 Sample : PB117097ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117097ZHE#07

Quant Time: Feb 15 04:32:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

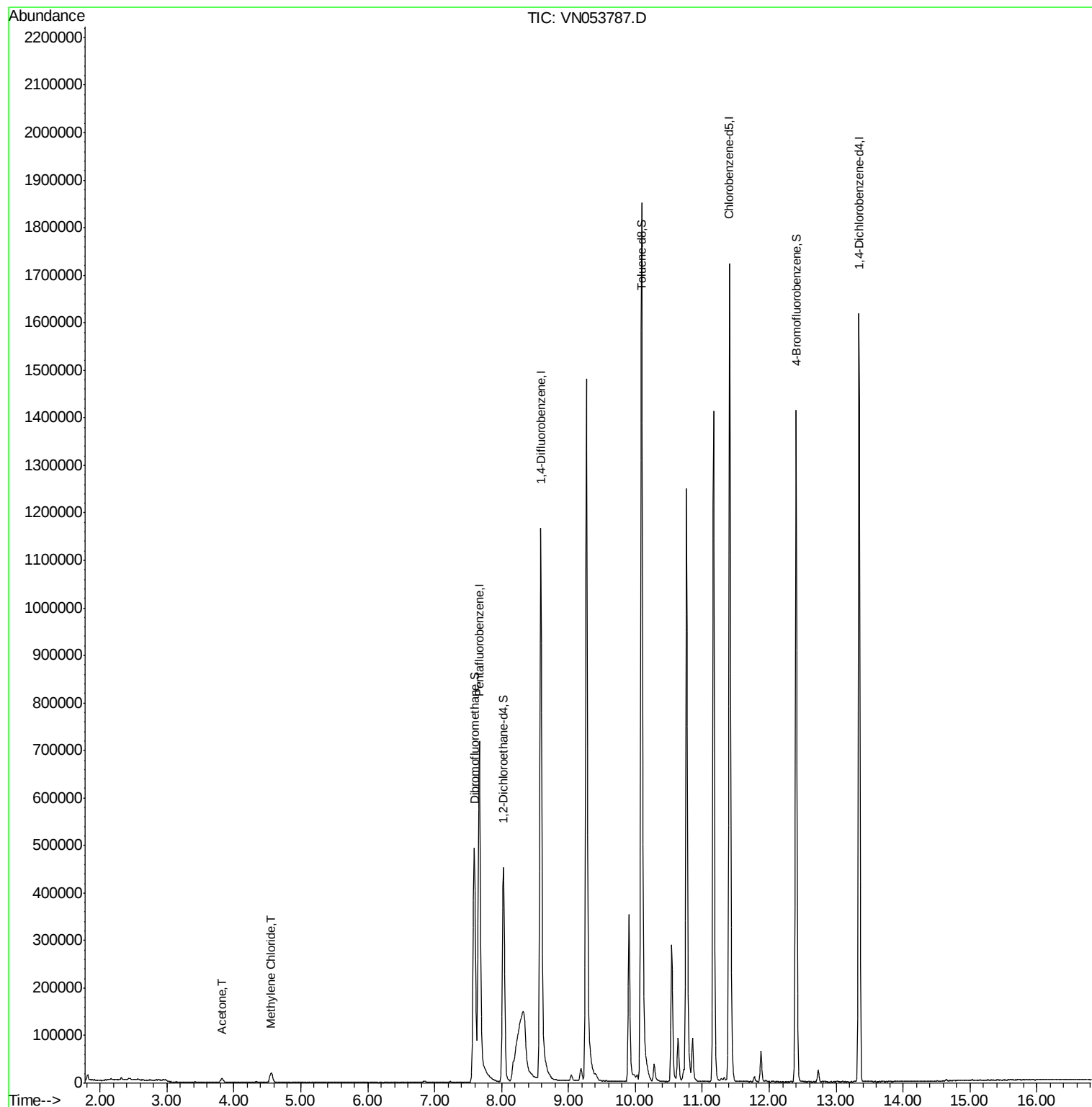
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	733258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1230963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1157995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	463286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	390462	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
35) Dibromofluoromethane	7.59	113	389220	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
50) Toluene-d8	10.09	98	1505565	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.40	95	496874	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
Target Compounds						
16) Acetone	3.82	43	15596	8.266	ug/l #	80
20) Methylene Chloride	4.56	84	16614	2.099	ug/l	87

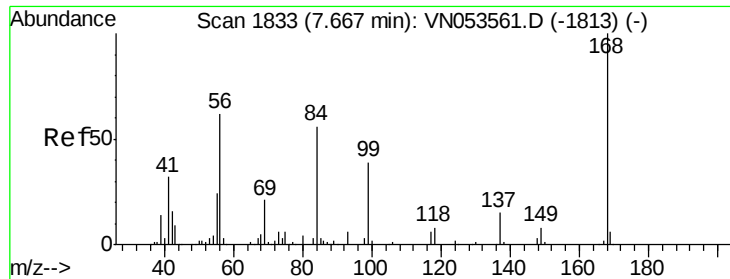
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021419\
Data File : VN053787.D
Acq On : 14 Feb 2019 18:42
Operator : JC/SP
Sample : PB117097ZHE#07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB117097ZHE#07

Quant Time: Feb 15 04:32:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053787.D

Acq: 14 Feb 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

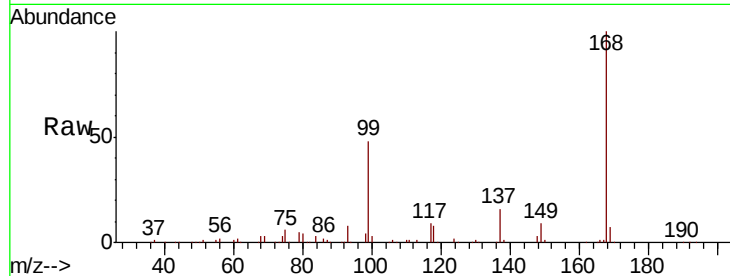
PB117097ZHE#07

Tot Ion:168 Resp: 733258

Ion Ratio Lower Upper

168 100

99 47.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053787.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053787.D (-1740) (-)

7.67

250000

200000

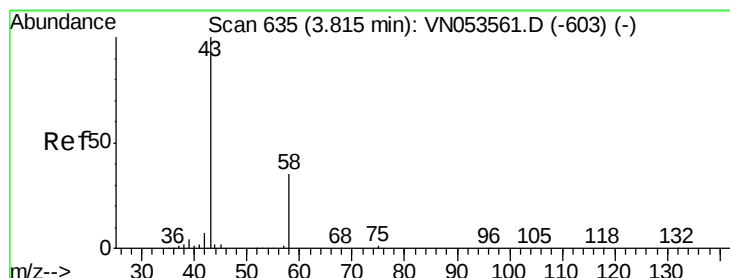
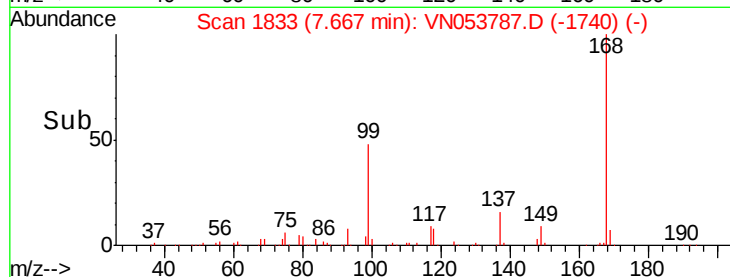
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 8.266 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053787.D

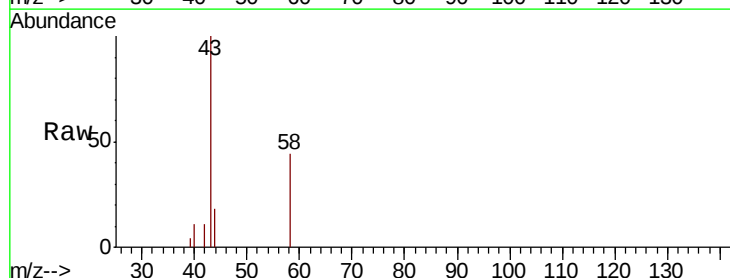
Acq: 14 Feb 2019 18:42

Tgt Ion: 43 Resp: 15596

Ion Ratio Lower Upper

43 100

58 45.5 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VN053787.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053787.D (-542) (-)

3.82

6000

5000

4000

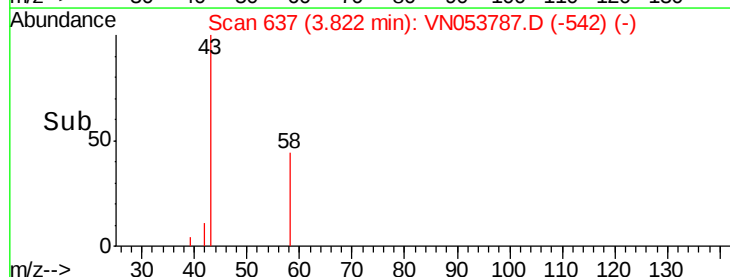
3000

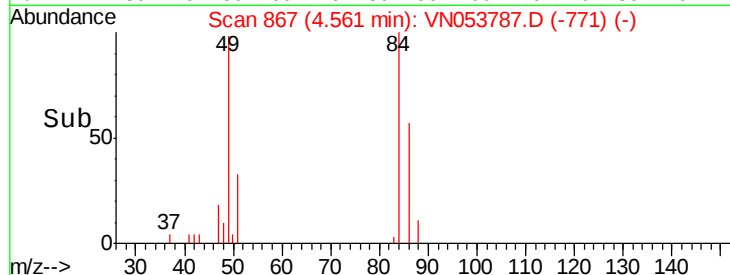
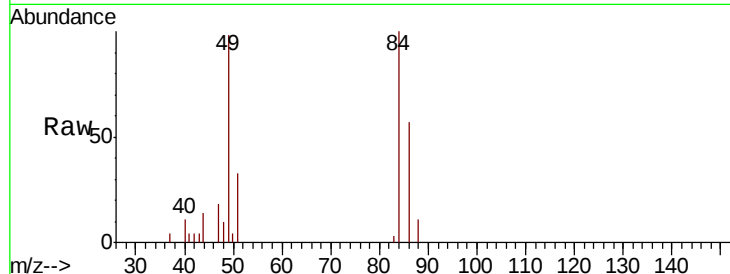
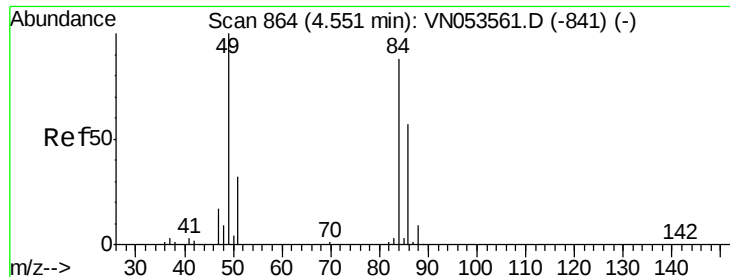
2000

1000

0

Time--> 3.70 3.80 3.90

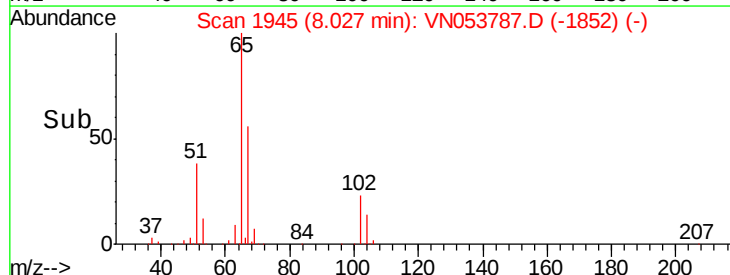
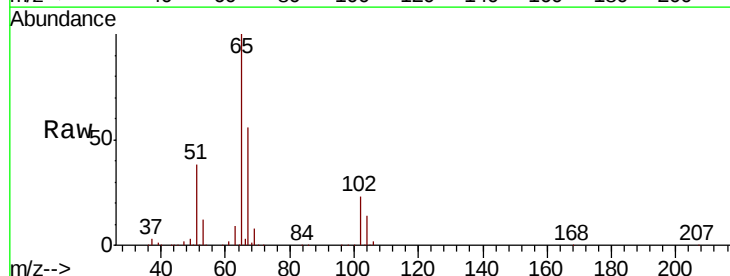
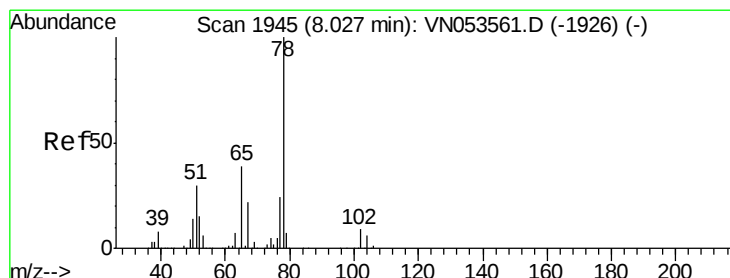
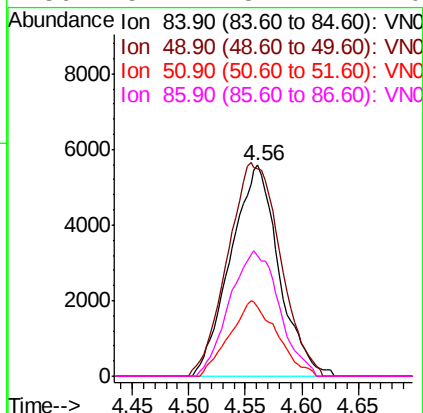




#20
Methvlene Chloride
Concen: 2.099 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053787.D
Acq: 14 Feb 2019 18:42

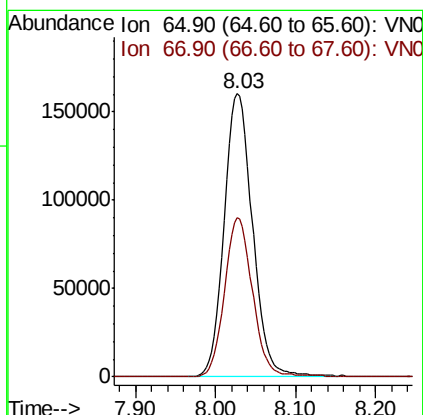
Instrument :
MSVOA_N
ClientSampleId :
PB117097ZHE#07

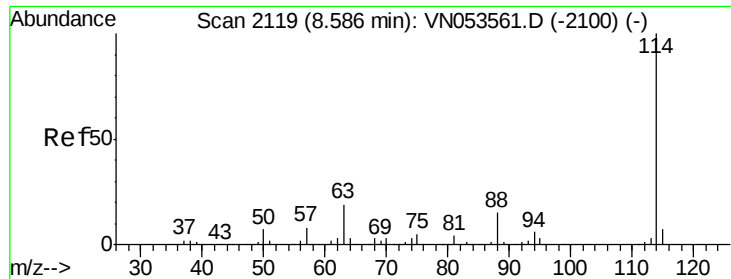
Tot Ion:	84	Resp:	16614
Ion	Ratio	Lower	Upper
84	100		
49	98.5	94.3	141.5
51	32.6	29.4	44.2
86	57.2	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.081 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053787.D
Acq: 14 Feb 2019 18:42

Tgt Ion:	65	Resp:	390462
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	111.2

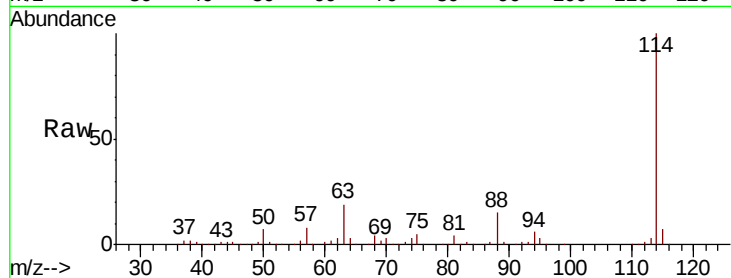




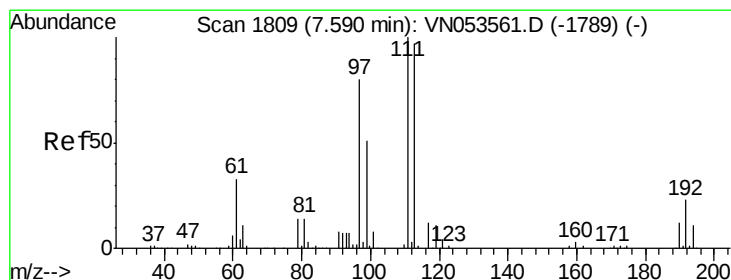
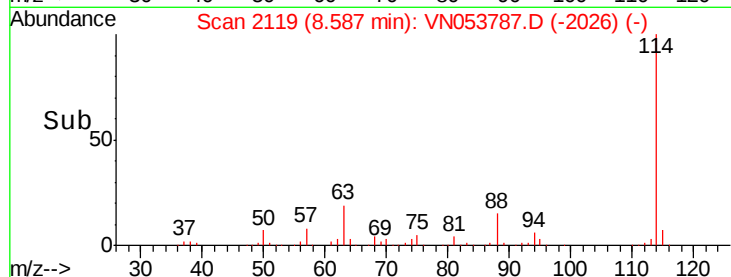
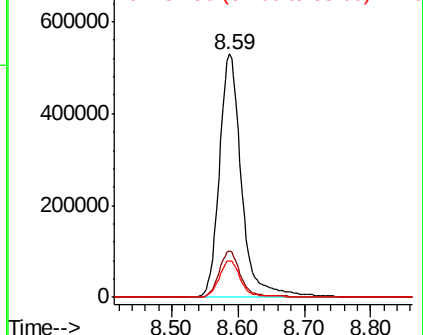
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053787.D
 Acq: 14 Feb 2019 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117097ZHE#07

Tot Ion:114 Resp: 1230963
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.1 0.0 30.4

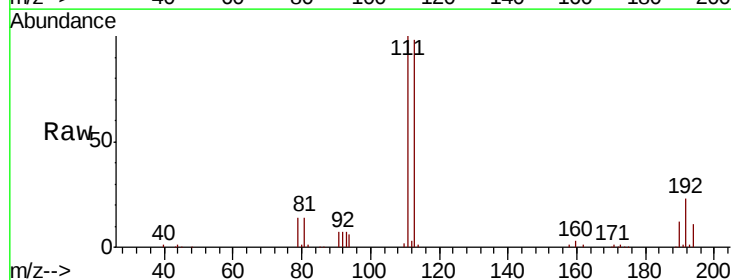


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

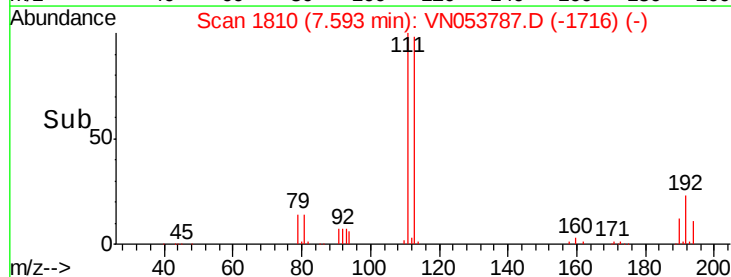
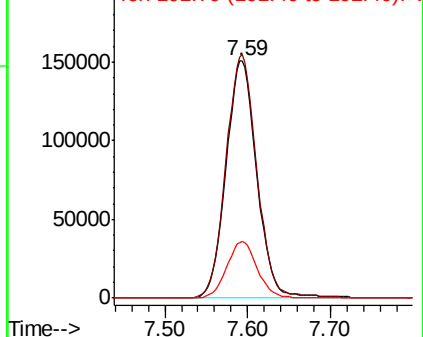


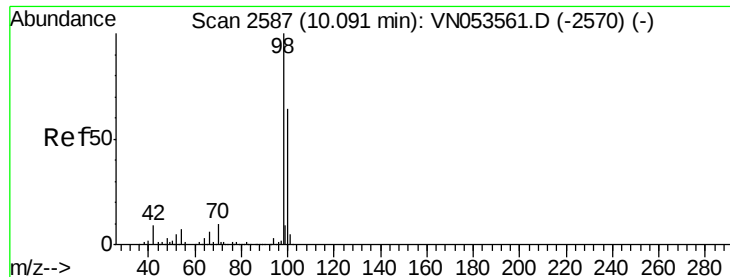
#35
 Dibromofluoromethane
 Concen: 50.041 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053787.D
 Acq: 14 Feb 2019 18:42

Tgt Ion:113 Resp: 389220
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 23.5 18.2 27.2



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





#50

Toluene-d8

Concen: 51.551 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053787.D

Acq: 14 Feb 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

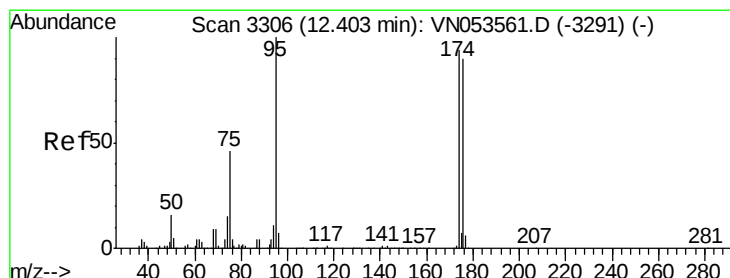
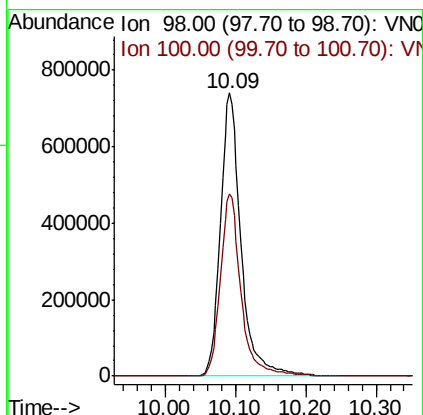
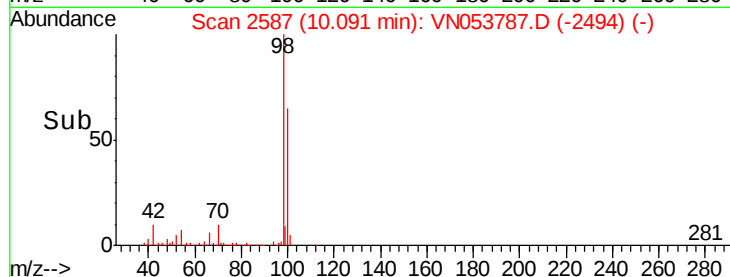
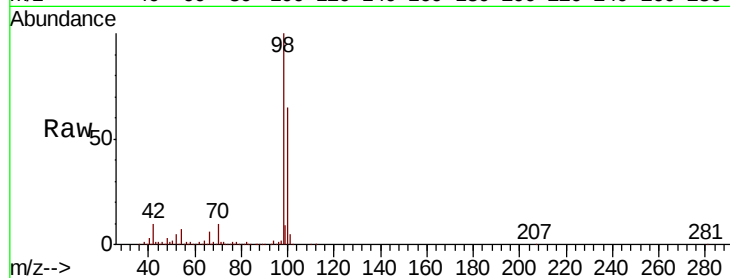
PB117097ZHE#07

Tot Ion: 98 Resp: 1505565

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 51.011 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053787.D

Acq: 14 Feb 2019 18:42

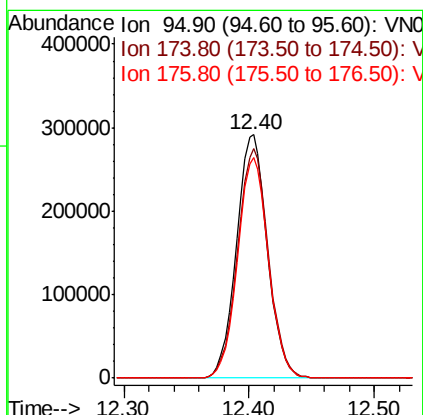
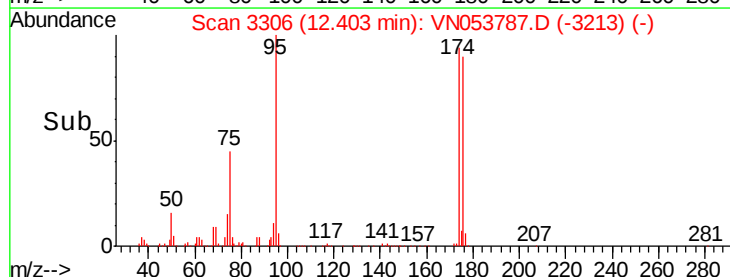
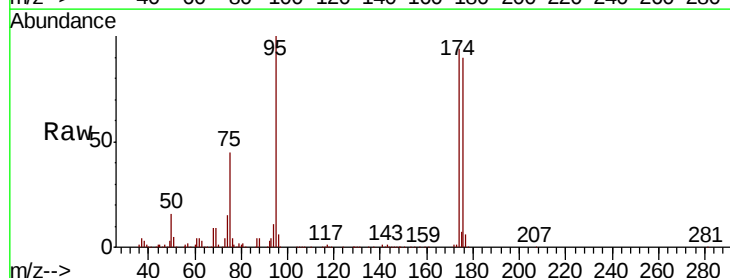
Tgt Ion: 95 Resp: 496874

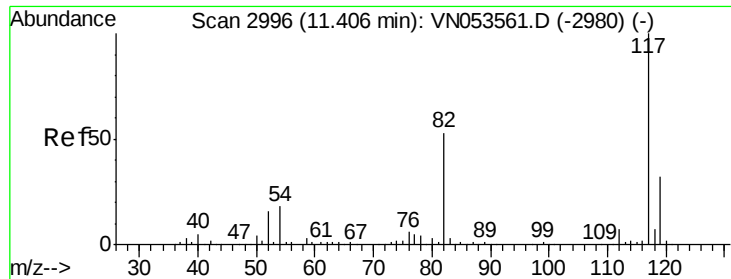
Ion Ratio Lower Upper

95 100

174 95.0 0.0 183.2

176 90.6 0.0 177.4

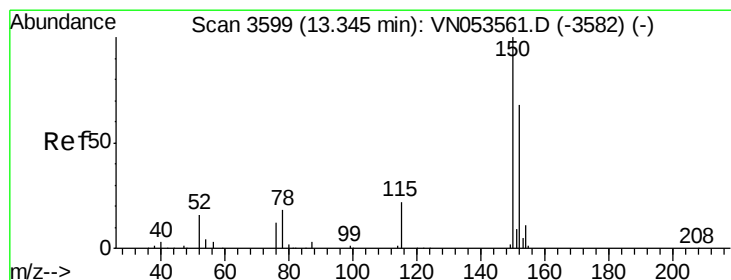
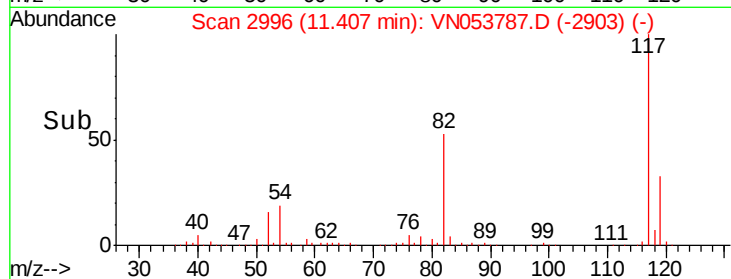
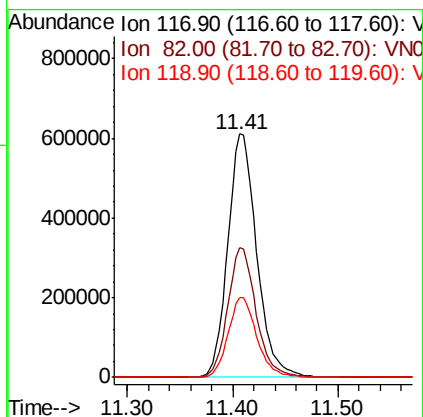
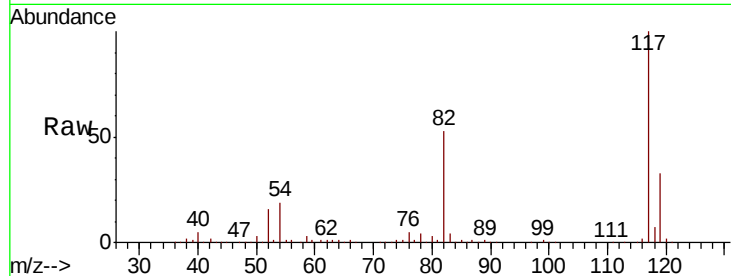




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053787.D
Acq: 14 Feb 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
PB117097ZHE#07

Tot Ion:117 Resp: 1157995
Ion Ratio Lower Upper
117 100
82 53.0 42.9 64.3
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053787.D
Acq: 14 Feb 2019 18:42

Tgt Ion:152 Resp: 463286
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 157.0 0.0 349.0

