

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058758.D
 Acq On : 14 Oct 2019 18:45
 Operator : JC/SP
 Sample : PB123940TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123940TB

Quant Time: Oct 15 04:13:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	378507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	643825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	575653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	232602	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	308554	58.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.46%	
35) Dibromofluoromethane	7.57	113	212475	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.08	98	767680	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.40	95	259375	43.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.18%	

Target Compounds	Qvalue

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058758.D

Acq: 14 Oct 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

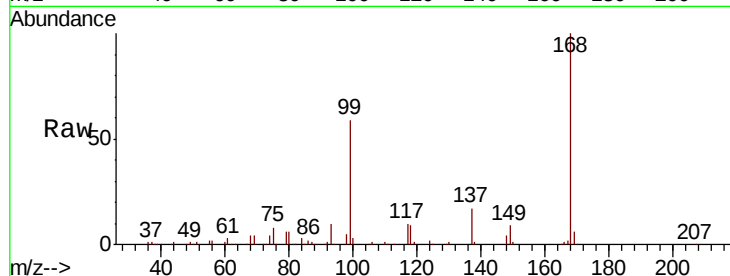
PB123940TB

Tot Ion:168 Resp: 378507

Ion Ratio Lower Upper

168 100

99 58.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

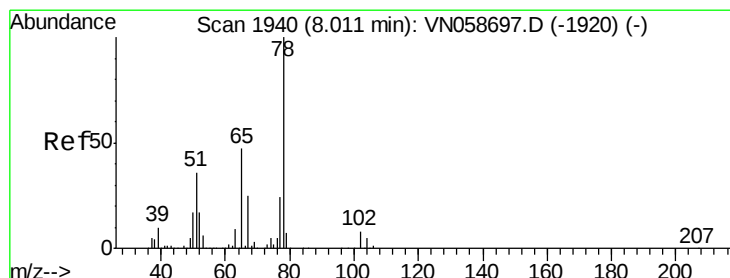
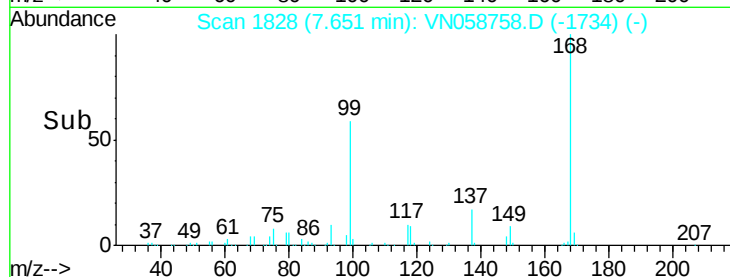
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.228 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058758.D

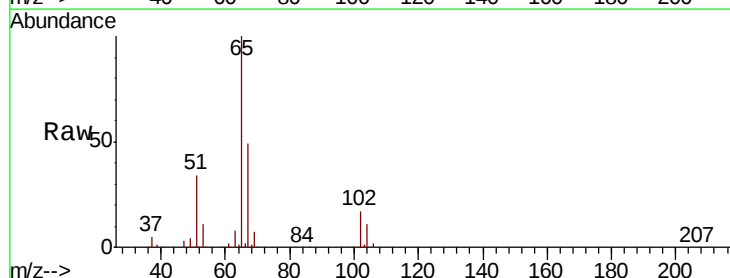
Acq: 14 Oct 2019 18:45

Tgt Ion: 65 Resp: 308554

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

150000

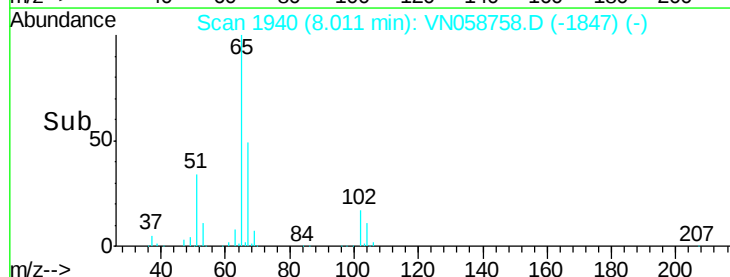
100000

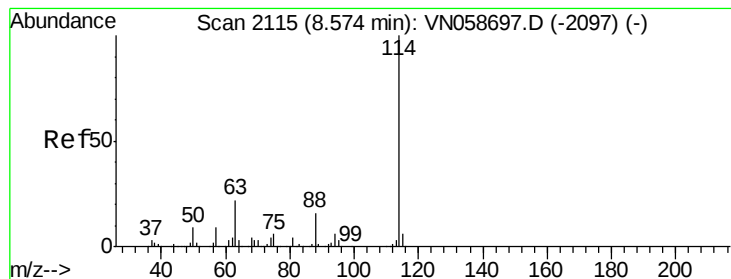
50000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058758.D

Acq: 14 Oct 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

PB123940TB

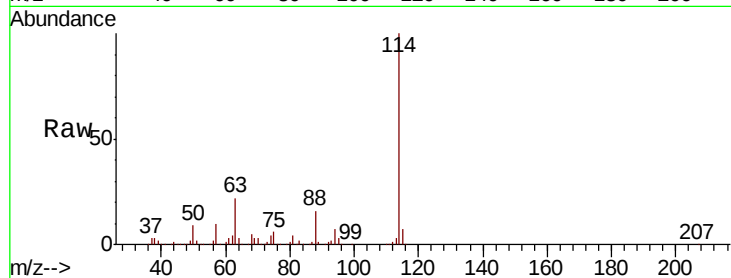
Tot Ion:114 Resp: 643825

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

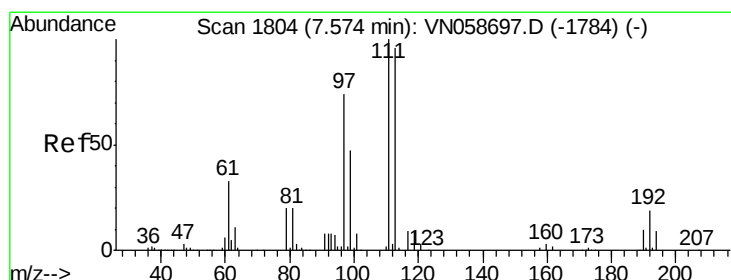
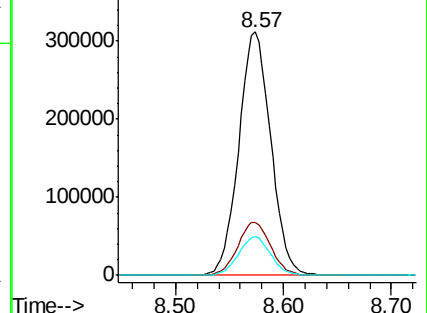
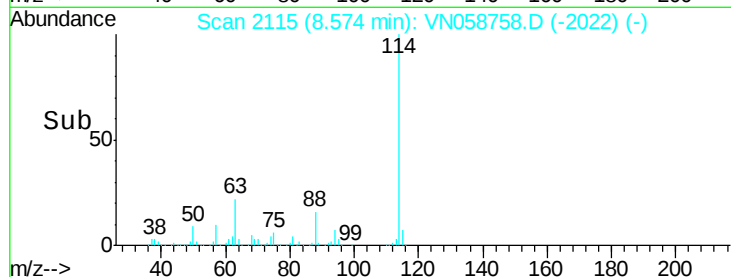
88 16.1 0.0 32.0



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: 53.429 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058758.D

Acq: 14 Oct 2019 18:45

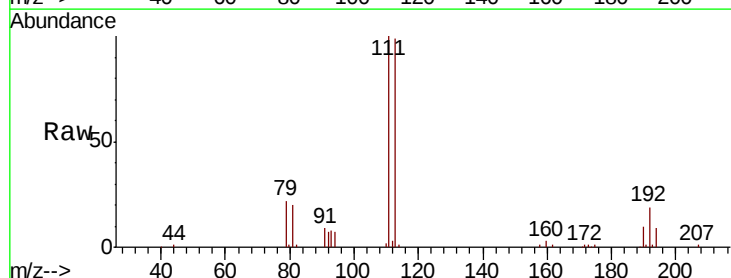
Tgt Ion:113 Resp: 212475

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

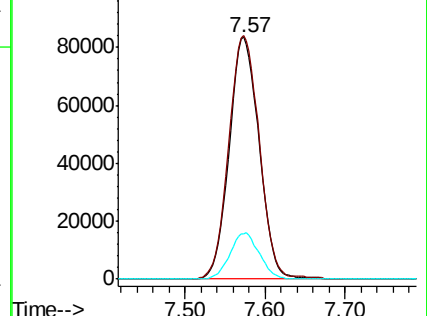
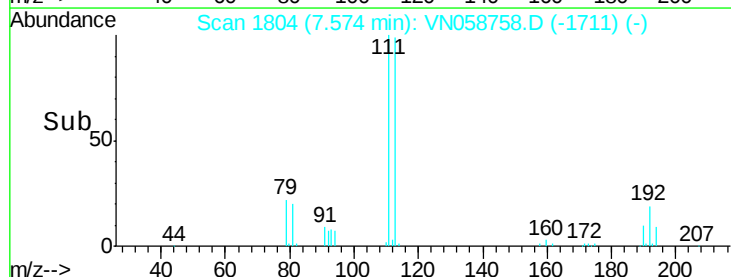
192 18.7 15.0 22.6

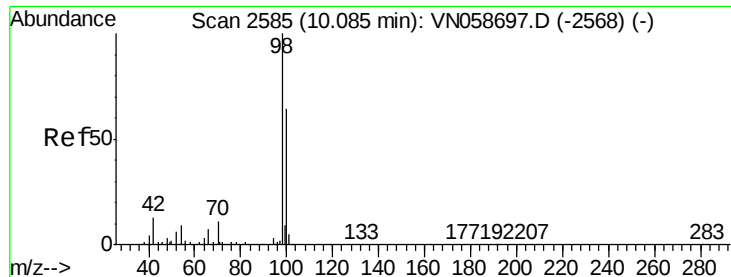


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.274 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058758.D

Acq: 14 Oct 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

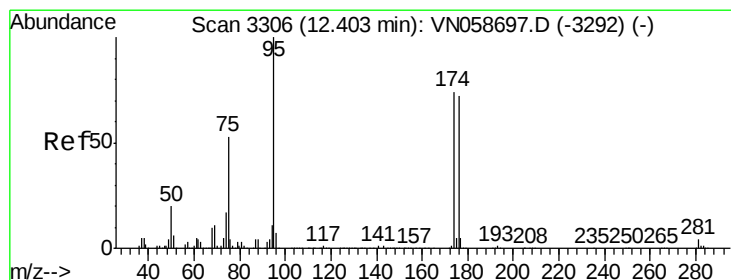
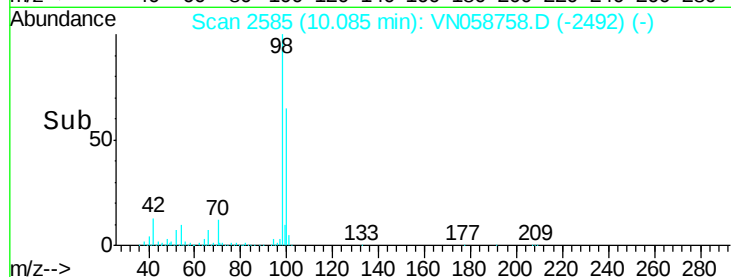
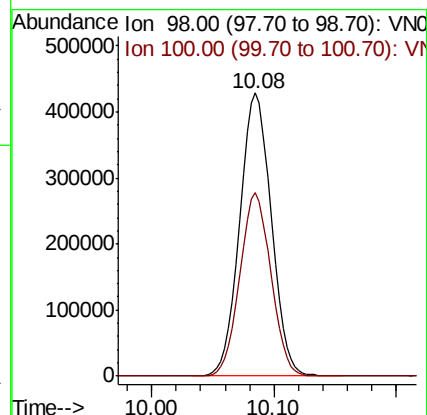
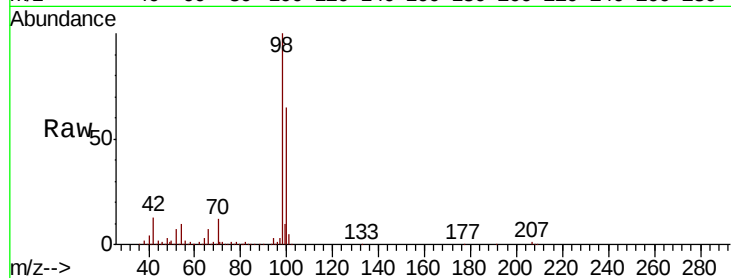
PB123940TB

Tot Ion: 98 Resp: 767680

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.089 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058758.D

Acq: 14 Oct 2019 18:45

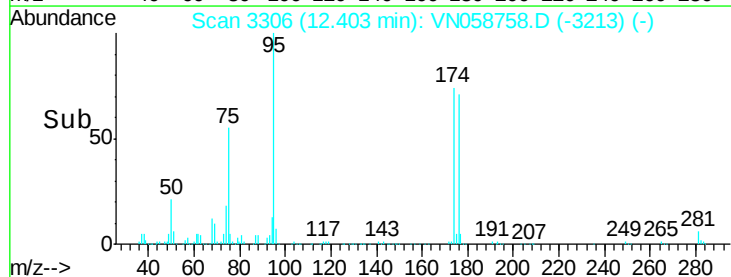
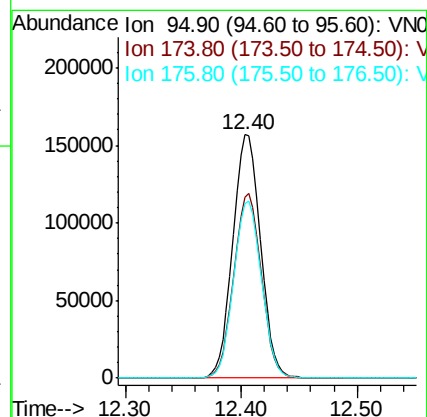
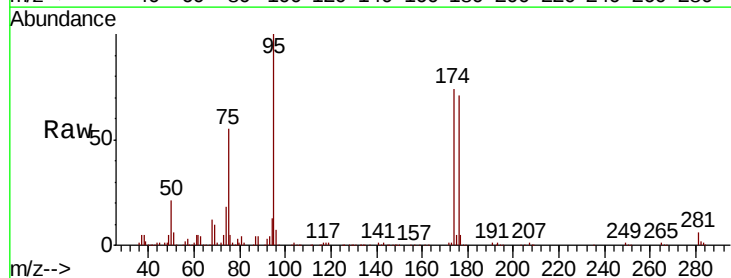
Tgt Ion: 95 Resp: 259375

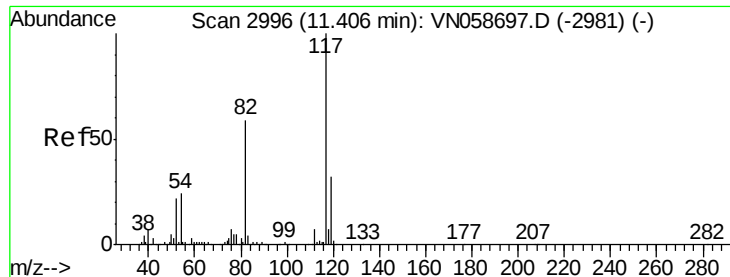
Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.4

176 73.1 0.0 146.8

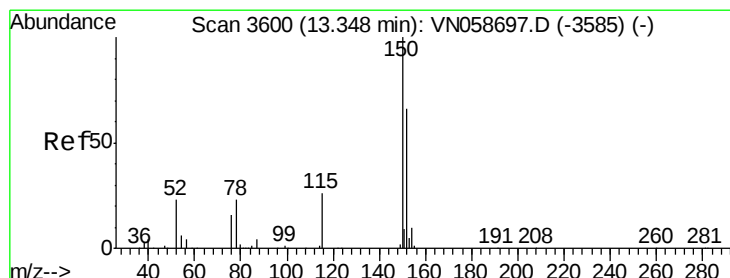
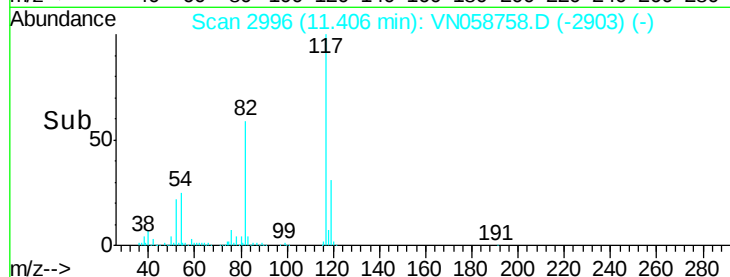
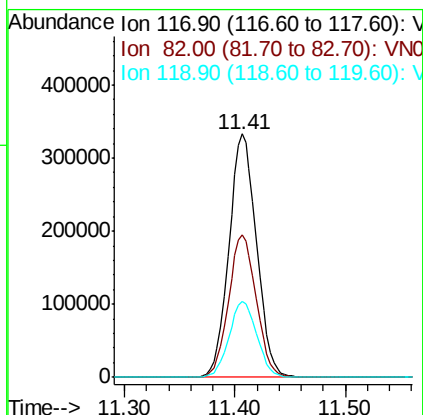
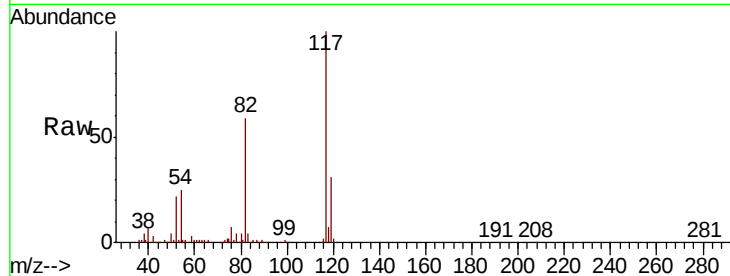




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058758.D
Acq: 14 Oct 2019 18:45

Instrument :
MSVOA_N
ClientSampled :
PB123940TB

Tot Ion:117 Resp: 575653
Ion Ratio Lower Upper
117 100
82 58.7 47.0 70.4
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058758.D
Acq: 14 Oct 2019 18:45

Tgt Ion:152 Resp: 232602
Ion Ratio Lower Upper
152 100
115 60.7 30.4 91.2
150 156.5 0.0 345.4

