

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091219\
 Data File : VN057937.D
 Acq On : 11 Sep 2019 20:32
 Operator : JC/SP
 Sample : K4836-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP

Quant Time: Sep 12 03:33:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	290214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	493570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	430798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	225415	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	321512	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
35) Dibromofluoromethane	7.58	113	220862	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	10.09	98	875043	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.41	95	285267	42.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.64%	

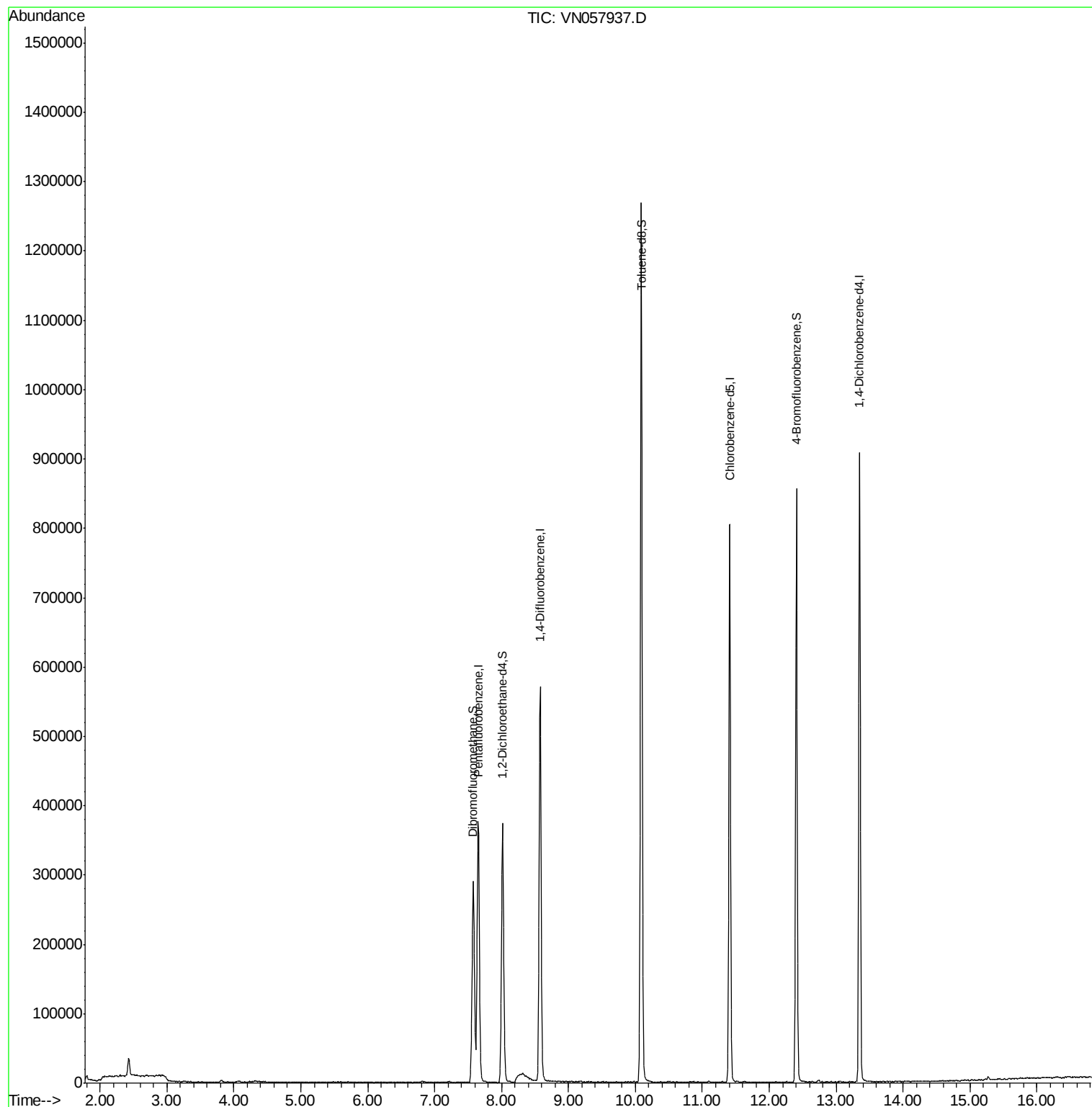
Target Compounds	Qvalue

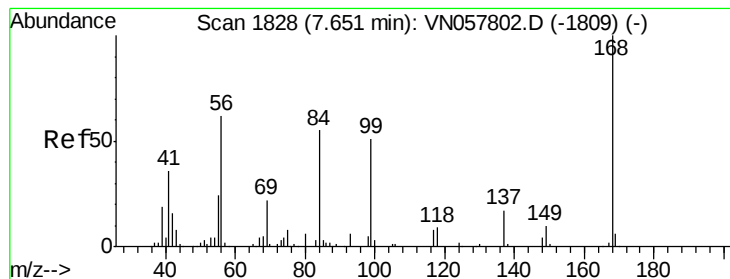
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057937.D

Acq: 11 Sep 2019 20:32

Instrument :

MSVOA_N

ClientSampled :

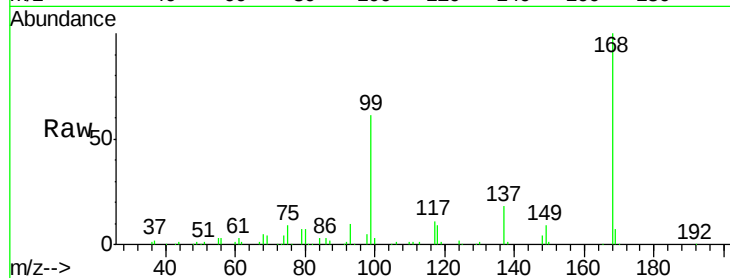
TRIP

Tot Ion:168 Resp: 290214

Ion Ratio Lower Upper

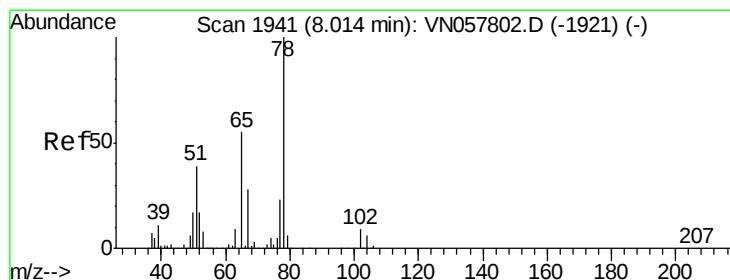
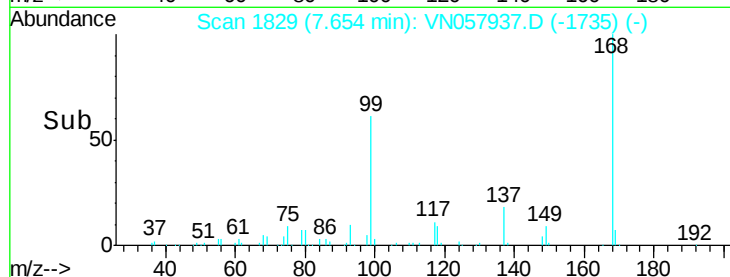
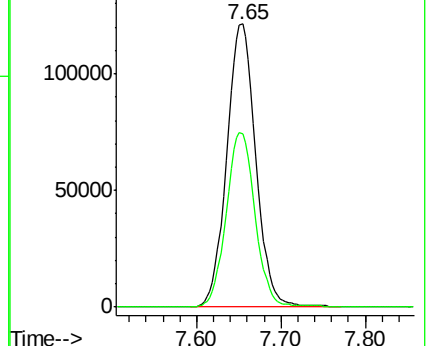
168 100

99 61.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 54.697 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057937.D

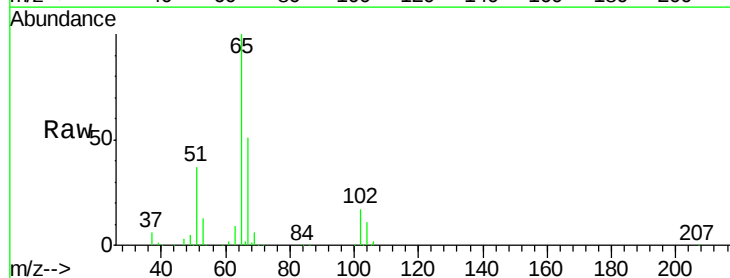
Acq: 11 Sep 2019 20:32

Tgt Ion: 65 Resp: 321512

Ion Ratio Lower Upper

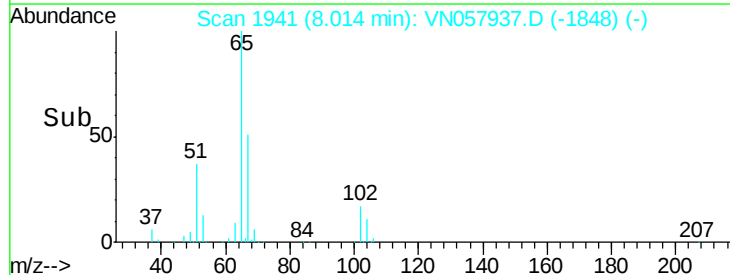
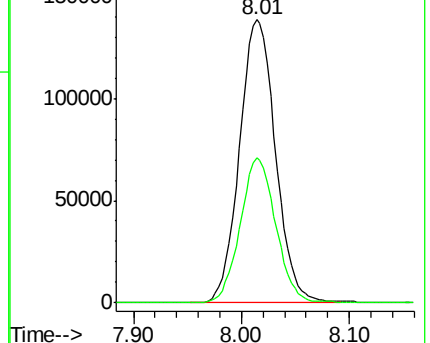
65 100

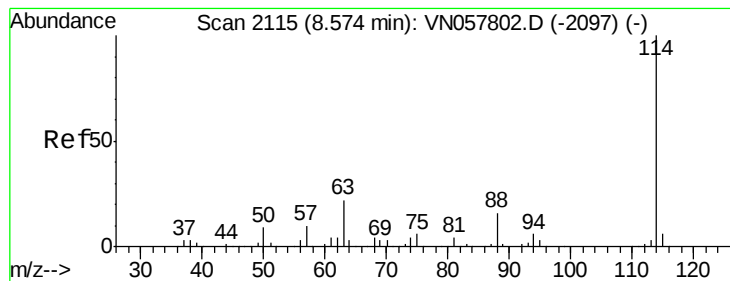
67 50.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057937.D

Acq: 11 Sep 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

TRIP

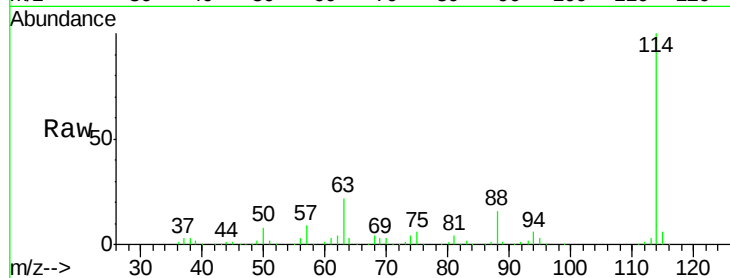
Tot Ion:114 Resp: 493570

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

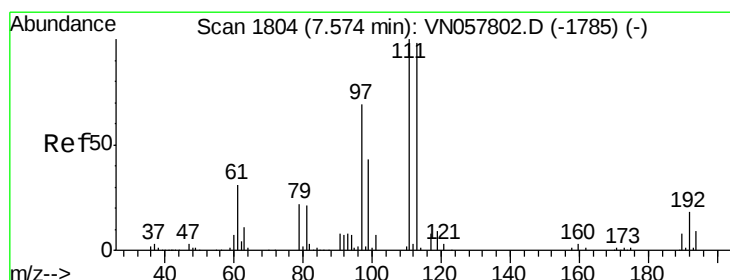
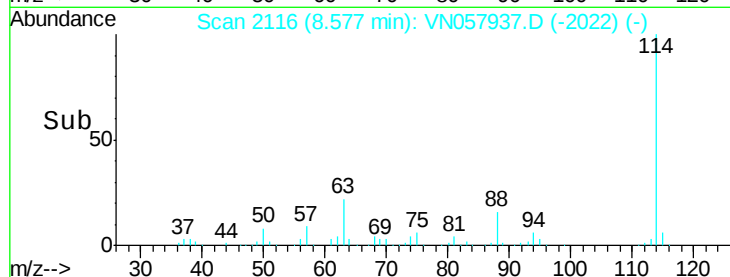
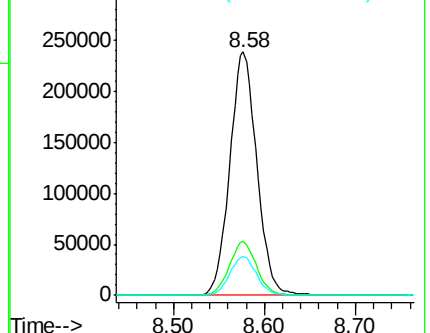
88 16.0 0.0 31.4



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: 48.483 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057937.D

Acq: 11 Sep 2019 20:32

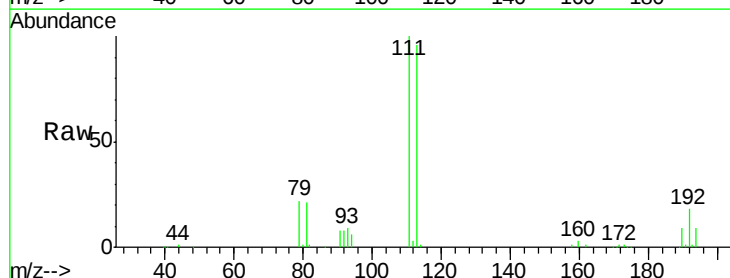
Tgt Ion:113 Resp: 220862

Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

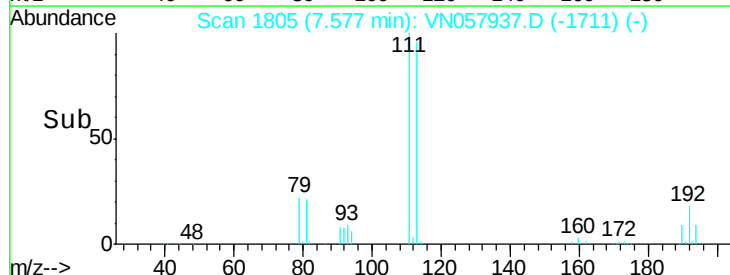
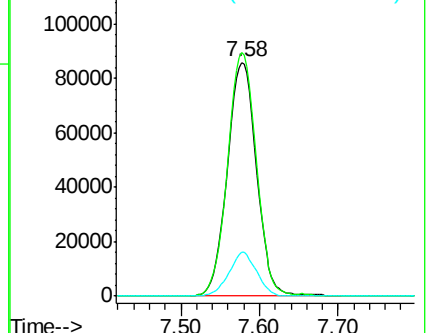
192 17.7 14.6 22.0

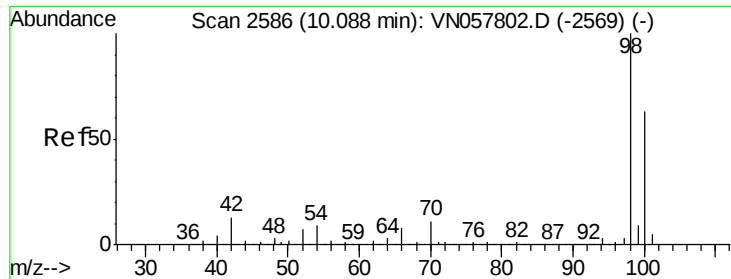


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

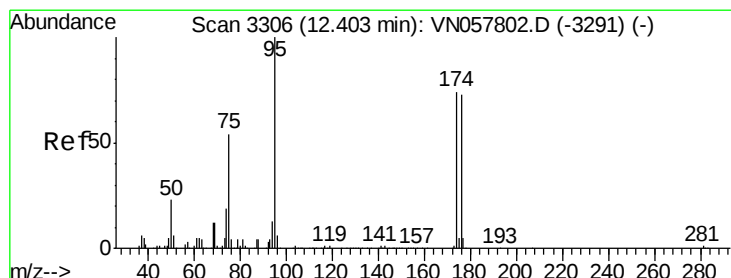
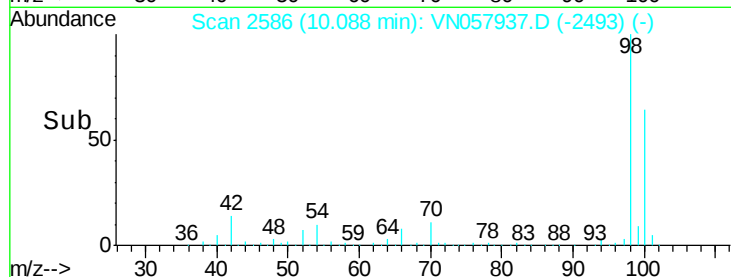
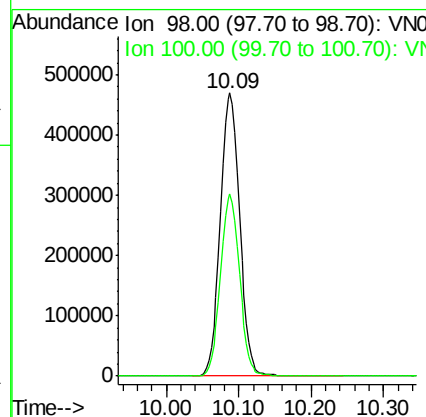
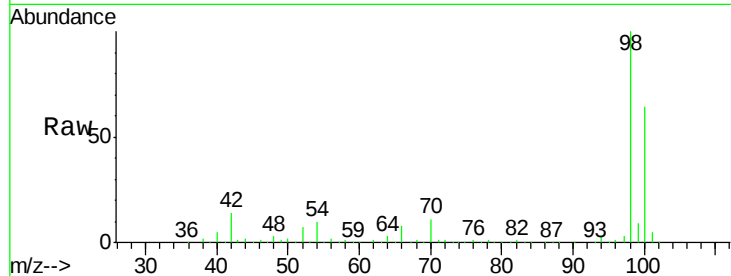




#50
Toluene-d8
Concen: 49.475 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057937.D
Acq: 11 Sep 2019 20:32

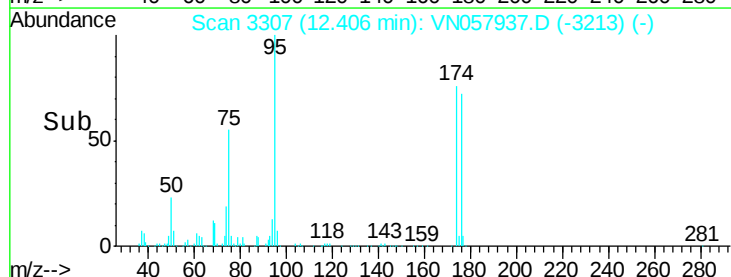
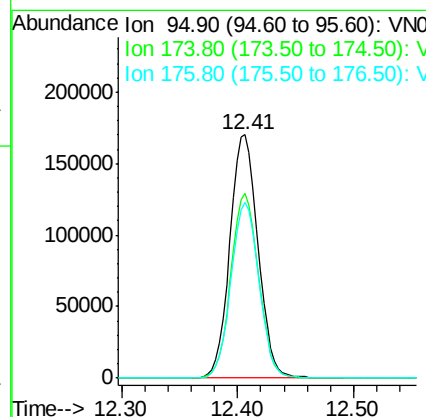
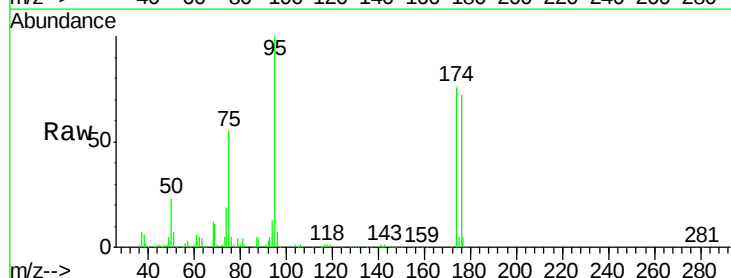
Instrument :
MSVOA_N
ClientSampled :
TRIP

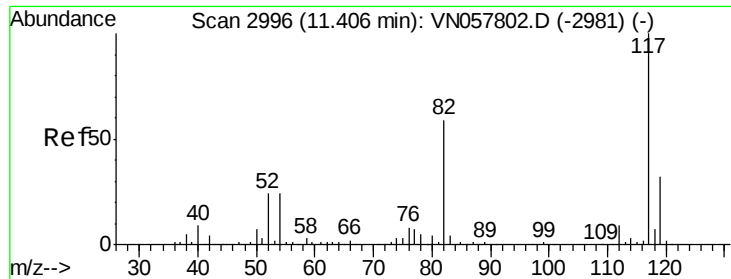
Tot Ion: 98 Resp: 875043
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.323 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057937.D
Acq: 11 Sep 2019 20:32

Tgt Ion: 95 Resp: 285267
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.2
176 71.9 0.0 146.0

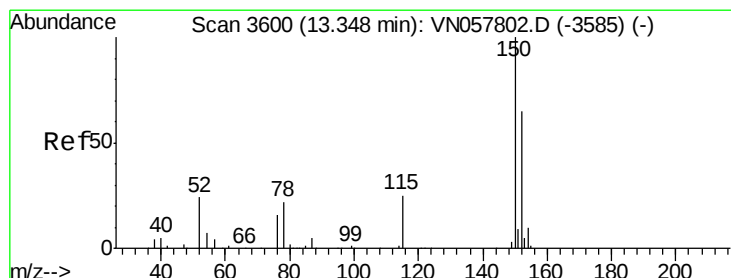
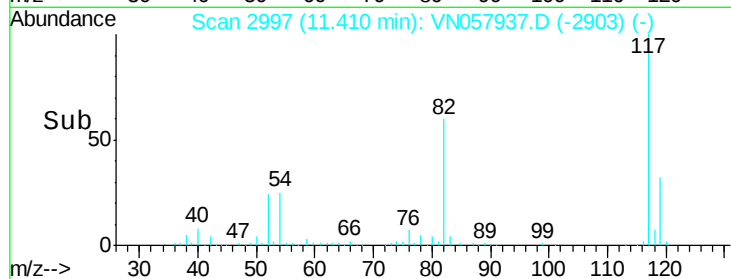
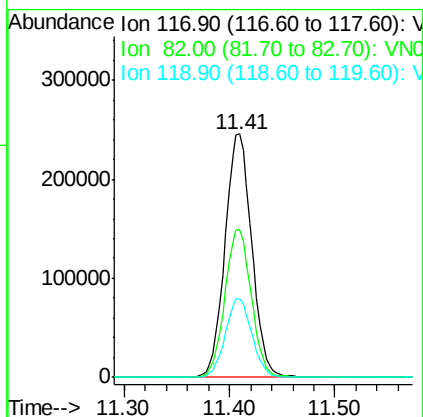
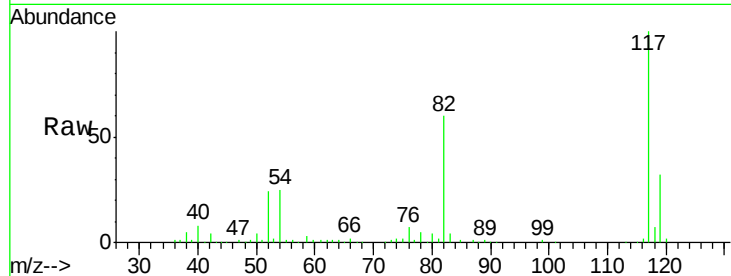




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057937.D
Acq: 11 Sep 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
TRIP

Tot Ion:117 Resp: 430798
Ion Ratio Lower Upper
117 100
82 60.5 47.2 70.8
119 32.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057937.D
Acq: 11 Sep 2019 20:32

Tgt Ion:152 Resp: 225415
Ion Ratio Lower Upper
152 100
115 61.3 30.3 91.0
150 158.0 0.0 352.4

