

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053681.D
 Acq On : 8 Feb 2019 15:04
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 09 03:20:02 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	831512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1357278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1235478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	515841	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	422627	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	7.59	113	420001	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.09	98	1625184	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.40	95	557581	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	

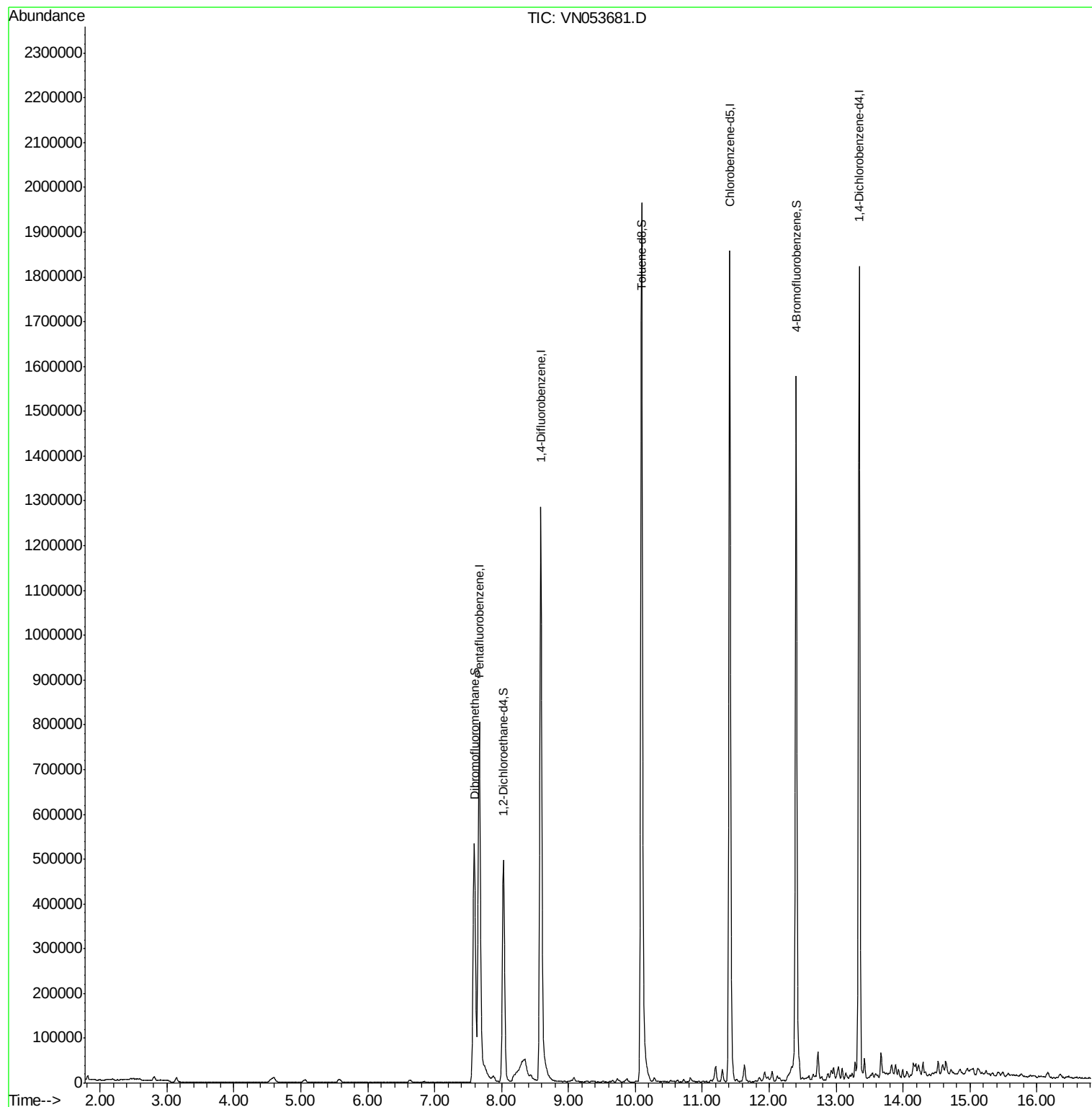
Target Compounds	Qvalue
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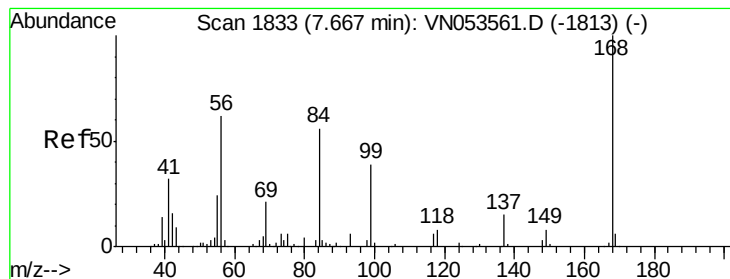
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053681.D

Acq: 8 Feb 2019 15:04

Instrument :

MSVOA_N

ClientSampleId :

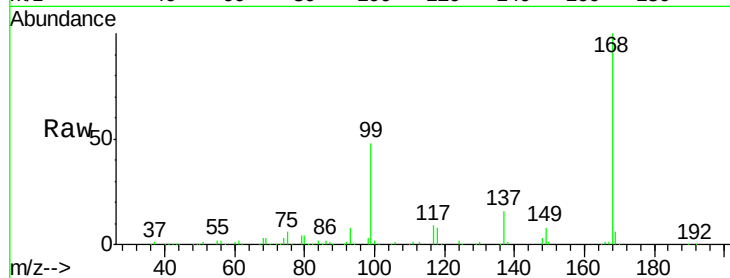
IBLK

Tot Ion:168 Resp: 831512

Ion Ratio Lower Upper

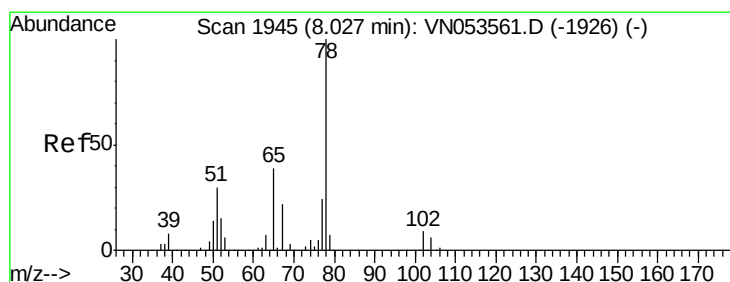
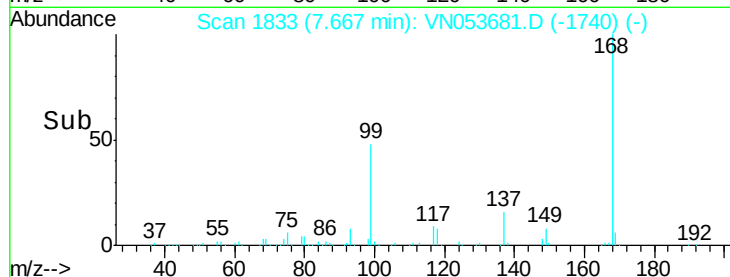
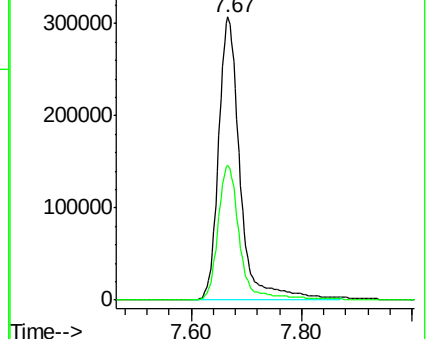
168 100

99 47.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.665 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN053681.D

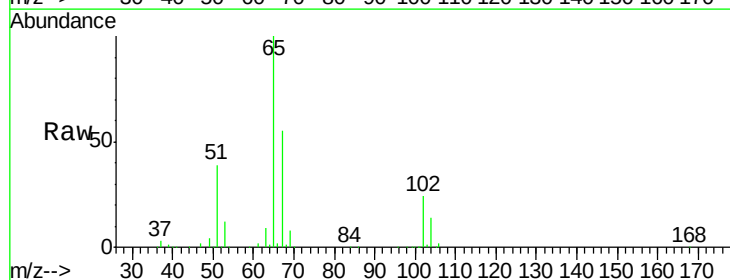
Acq: 8 Feb 2019 15:04

Tgt Ion: 65 Resp: 422627

Ion Ratio Lower Upper

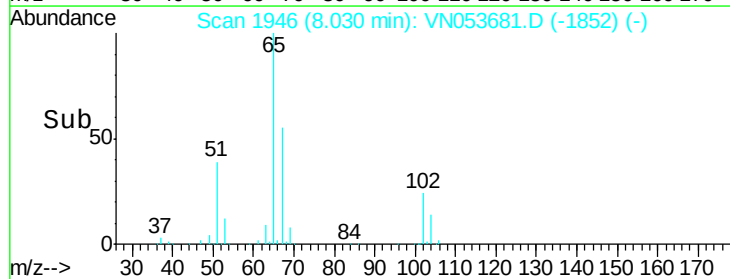
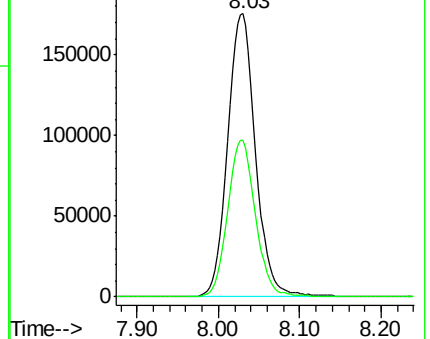
65 100

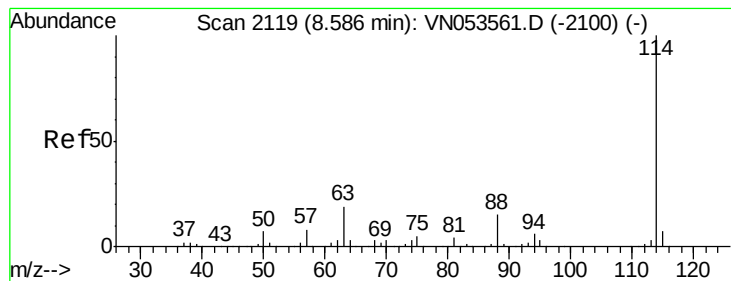
67 55.2 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053681.D

Acq: 8 Feb 2019 15:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

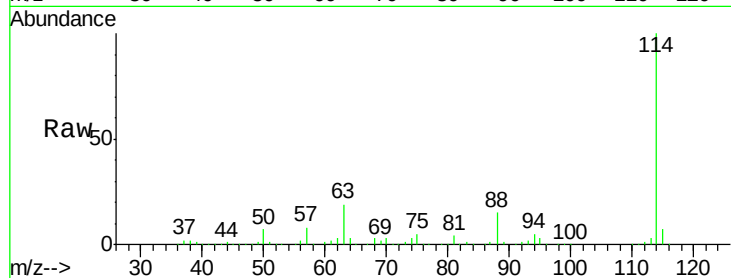
Tot Ion:114 Resp: 1357278

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

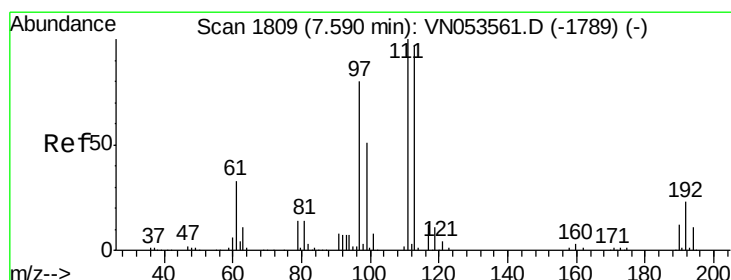
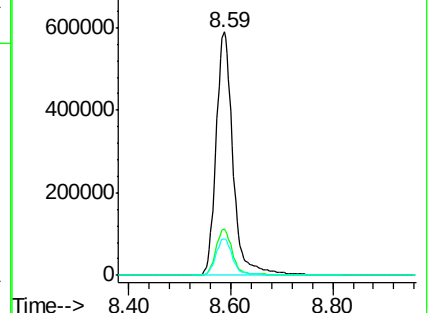
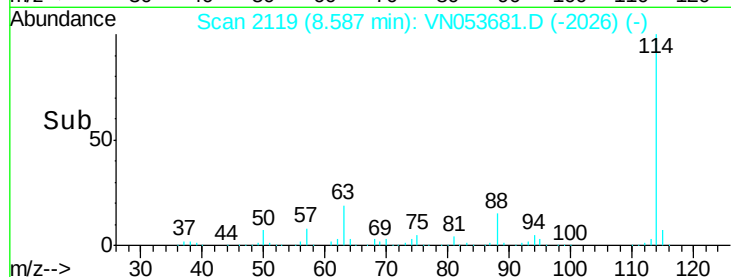
88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.973 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053681.D

Acq: 8 Feb 2019 15:04

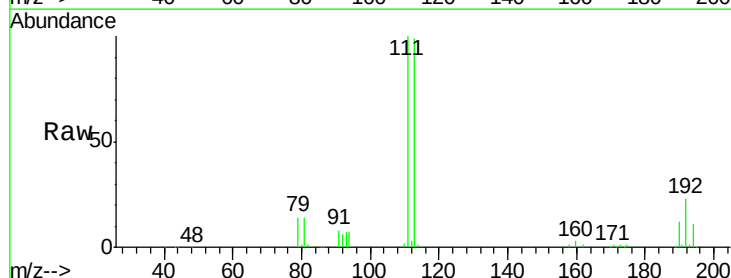
Tgt Ion:113 Resp: 420001

Ion Ratio Lower Upper

113 100

111 101.0 81.1 121.7

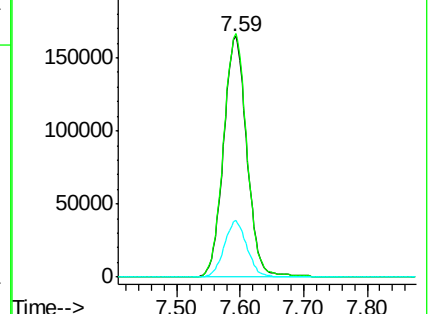
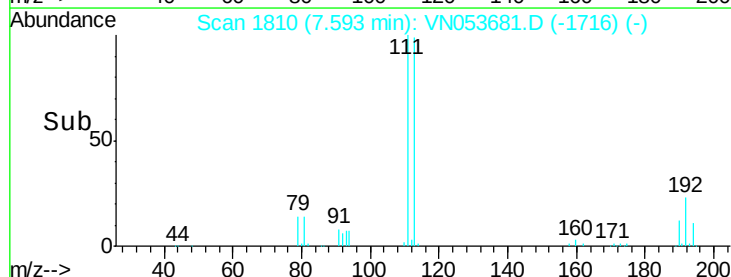
192 22.8 18.2 27.2

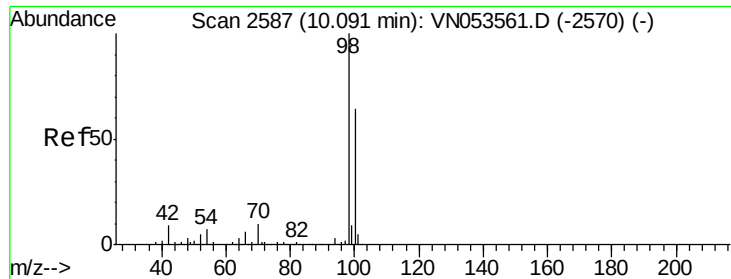


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

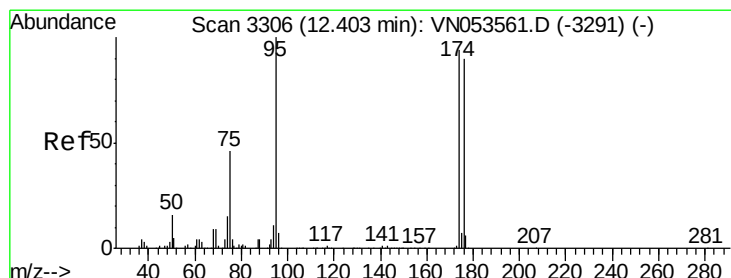
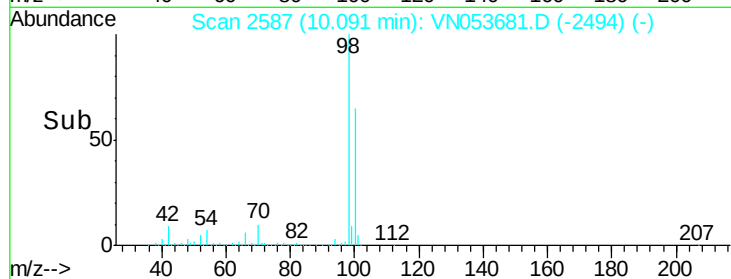
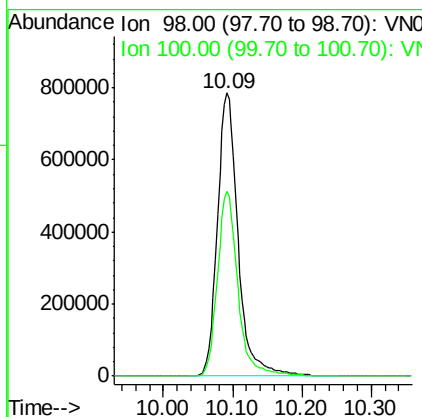
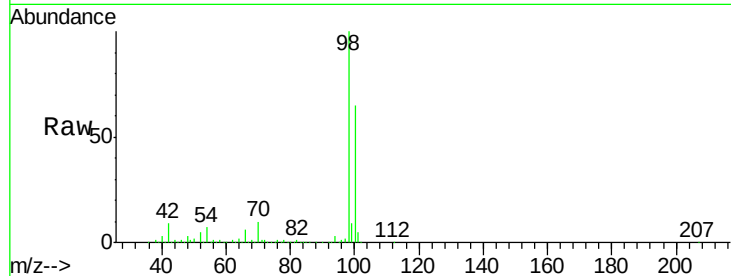




#50
Toluene-d8
Concen: 50.468 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053681.D
Acq: 8 Feb 2019 15:04

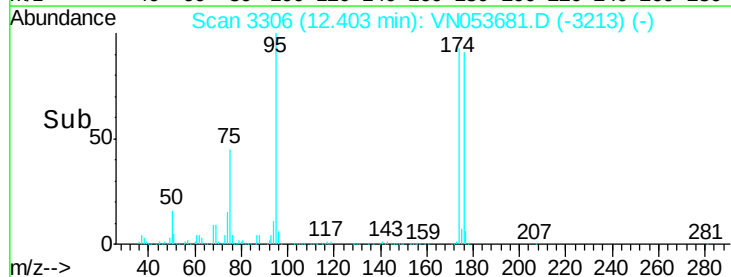
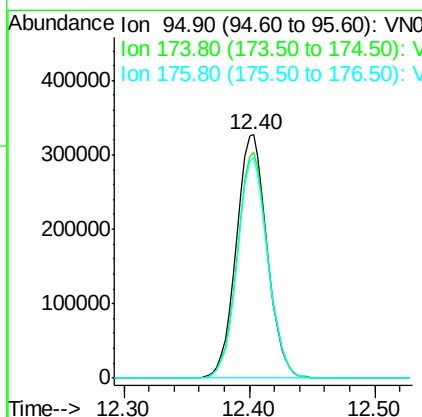
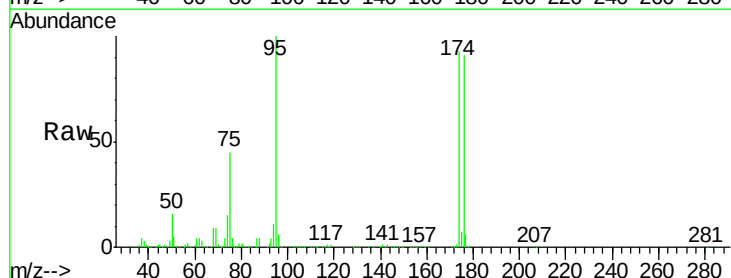
Instrument :
MSVOA_N
ClientSampleId :
IBLK

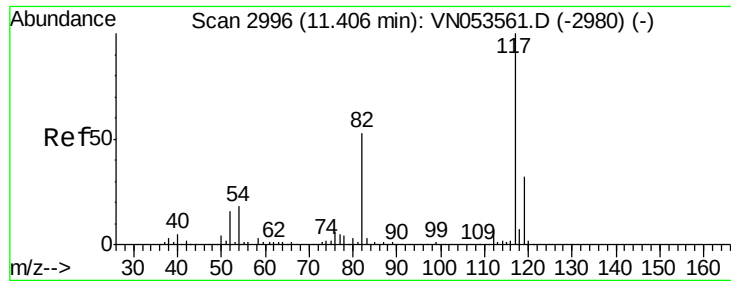
Tot Ion: 98 Resp: 1625184
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.917 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053681.D
Acq: 8 Feb 2019 15:04

Tgt Ion: 95 Resp: 557581
Ion Ratio Lower Upper
95 100
174 92.3 0.0 183.2
176 89.1 0.0 177.4

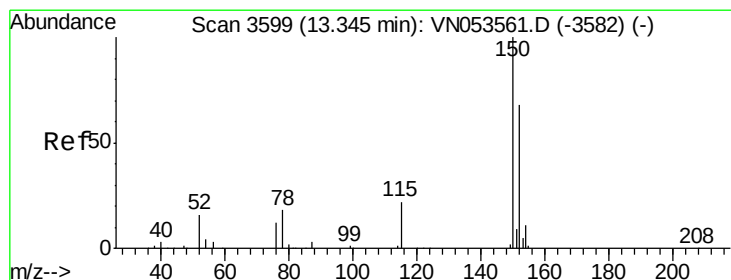
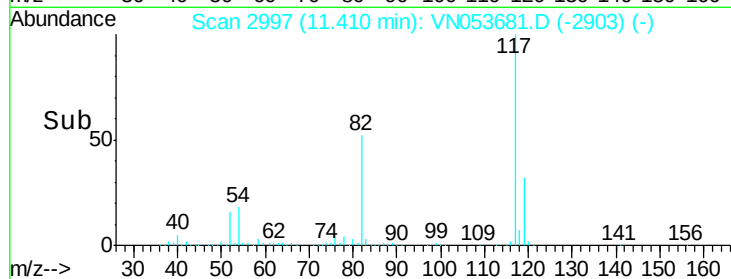
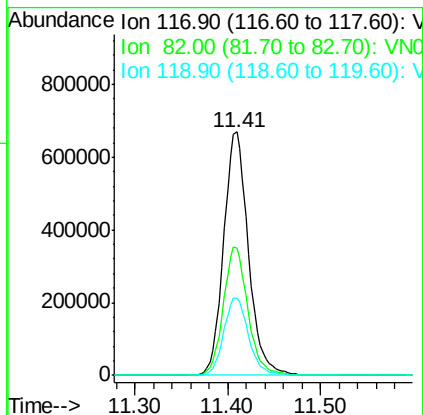
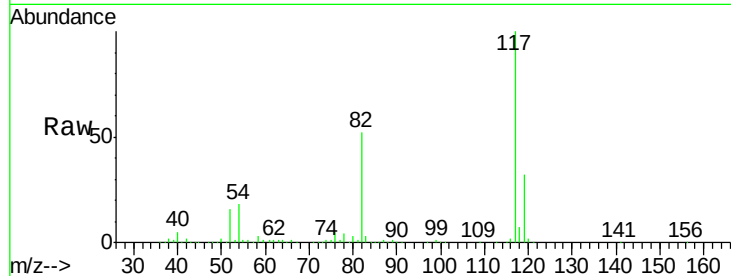




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053681.D
Acq: 8 Feb 2019 15:04

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion:117 Resp: 1235478
Ion Ratio Lower Upper
117 100
82 52.2 42.9 64.3
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053681.D
Acq: 8 Feb 2019 15:04

Tgt Ion:152 Resp: 515841
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 156.6 0.0 349.0

