

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059346.D
 Acq On : 21 Nov 2019 19:08
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 22 07:14:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

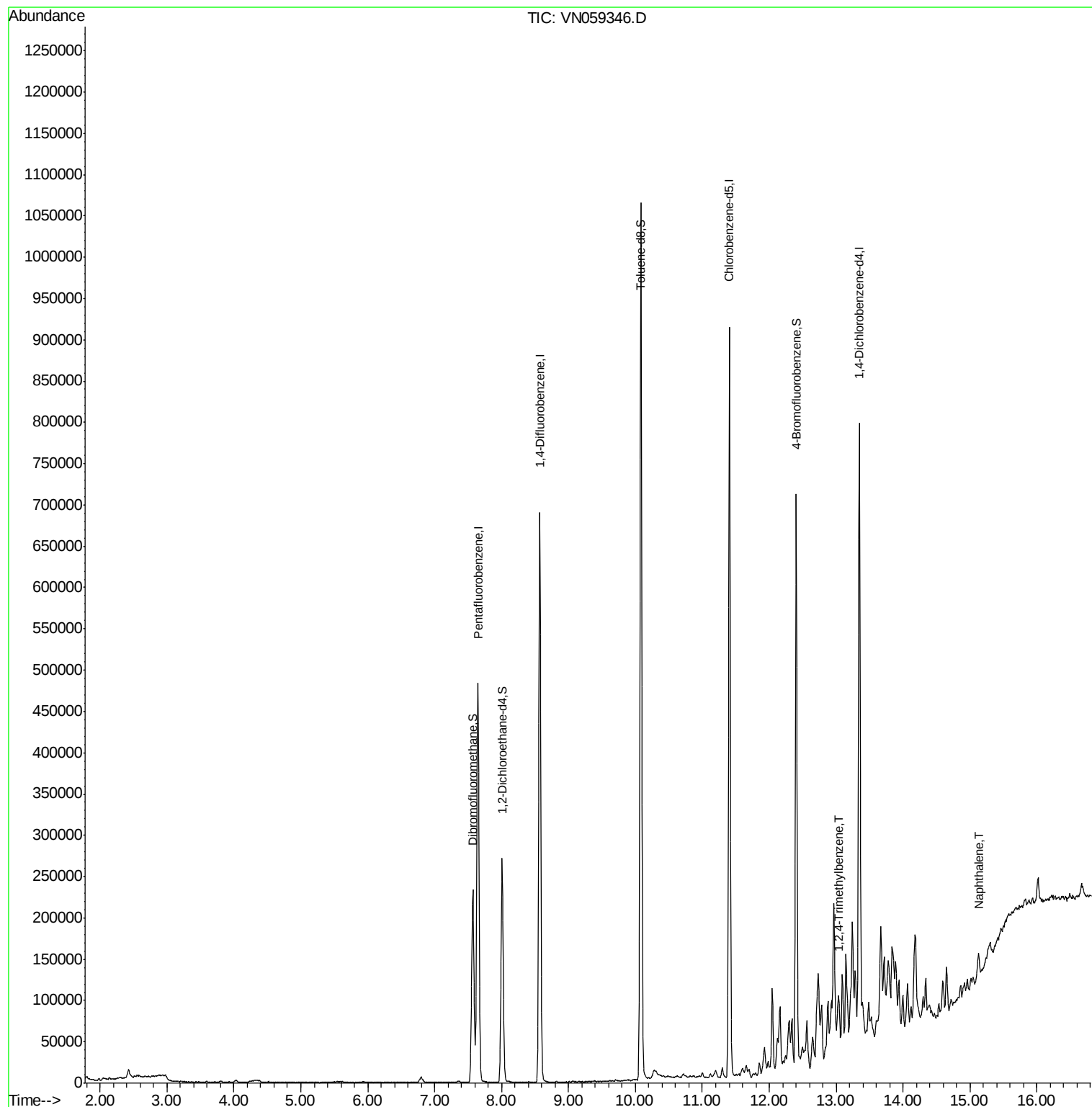
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	410036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	630624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	229313	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	7.57	113	182689	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	10.08	98	764287	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	248787	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.04	105	17002	1.209	ug/l	97
95) Naphthalene	15.13	128	20151	4.704	ug/l	97

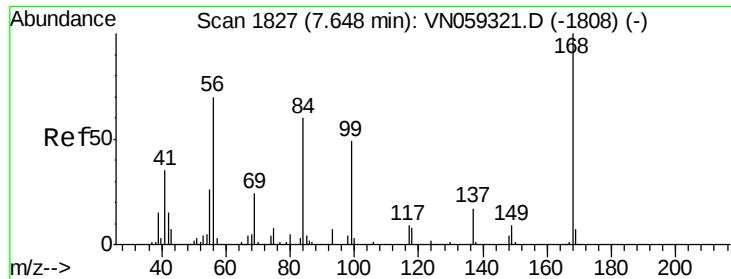
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

ClientSampled :

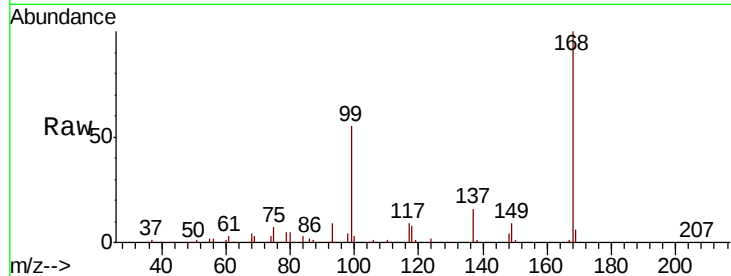
IBLK

Tot Ion:168 Resp: 410036

Ion Ratio Lower Upper

168 100

99 54.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

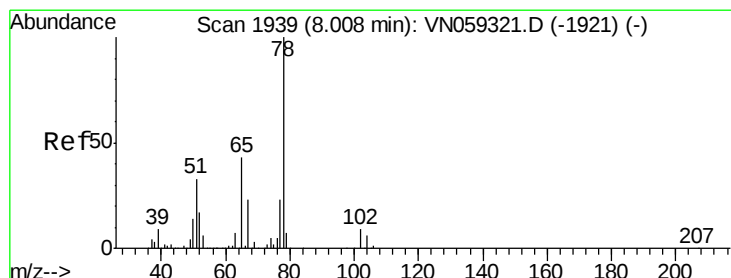
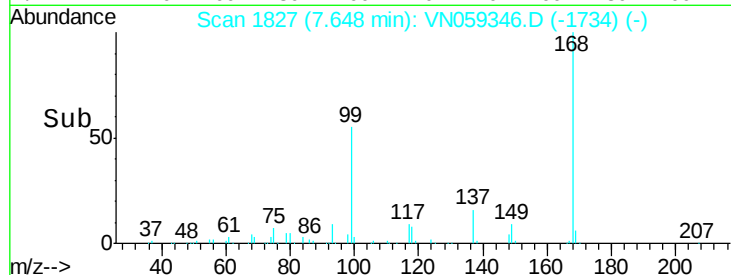
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.611 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059346.D

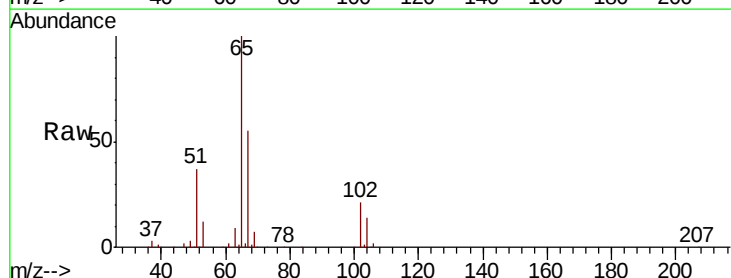
Acq: 21 Nov 2019 19:08

Tgt Ion: 65 Resp: 229313

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN

8.01

100000

80000

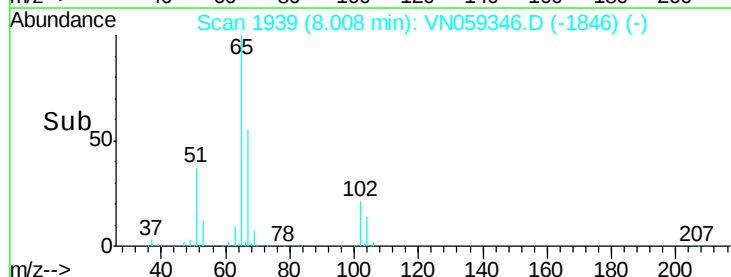
60000

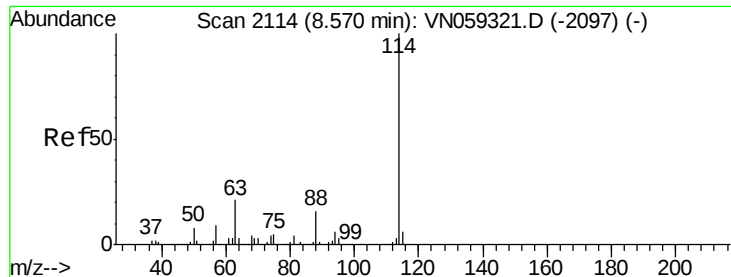
40000

20000

0

Time-->

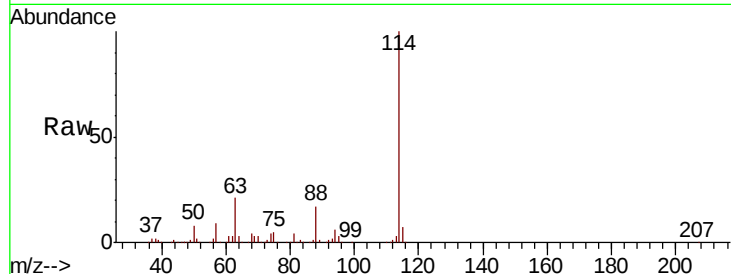




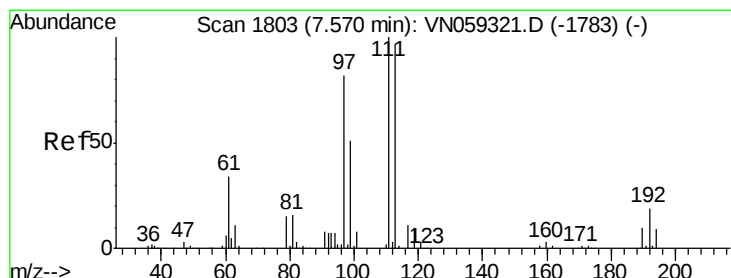
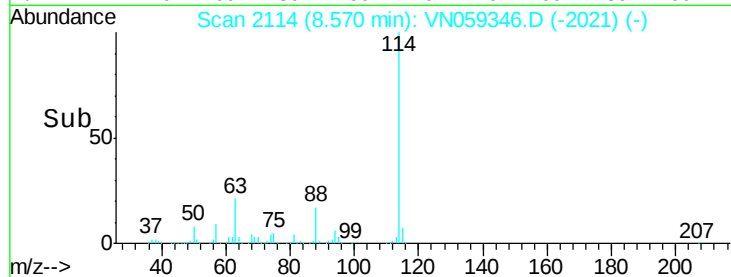
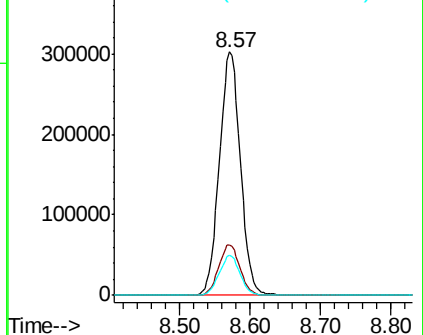
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059346.D
 Acq: 21 Nov 2019 19:08

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.2
88	16.5	0.0	32.2

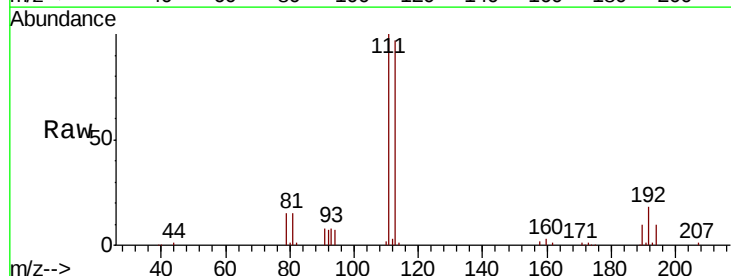


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

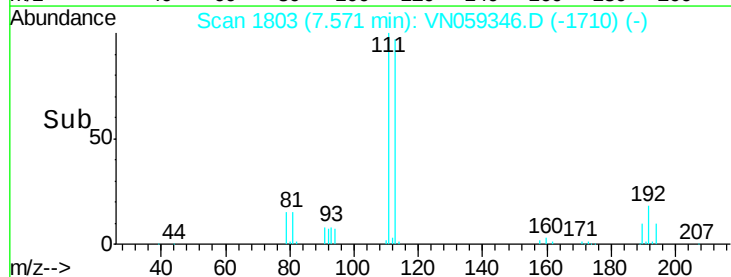
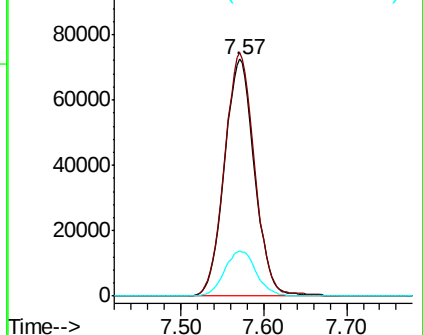


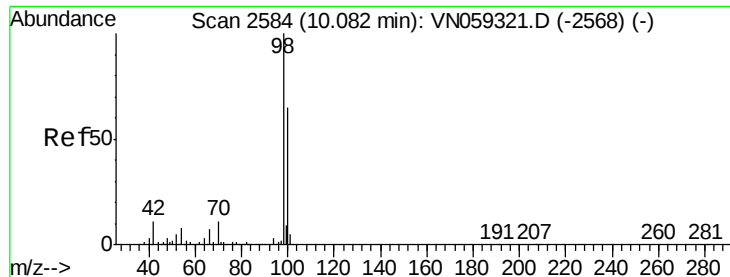
#35
 Dibromofluoromethane
 Concen: 48.287 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059346.D
 Acq: 21 Nov 2019 19:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	20.0	16.3	24.5



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: 50.815 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

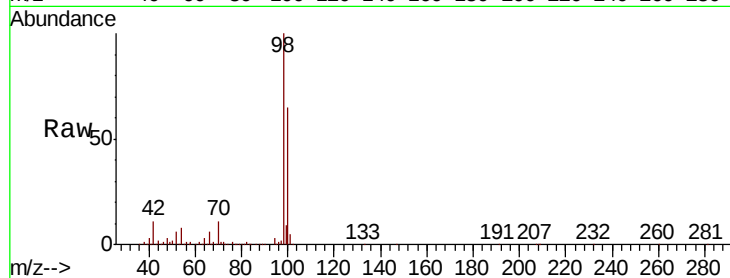
IBLK

Tot Ion: 98 Resp: 764287

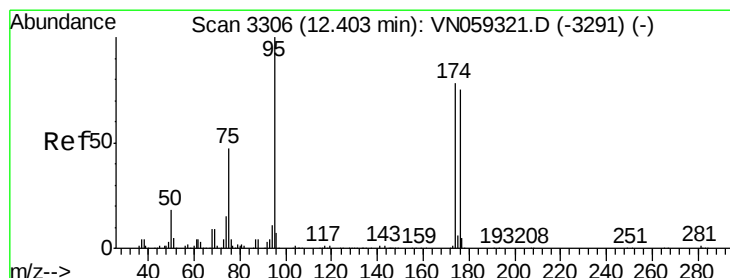
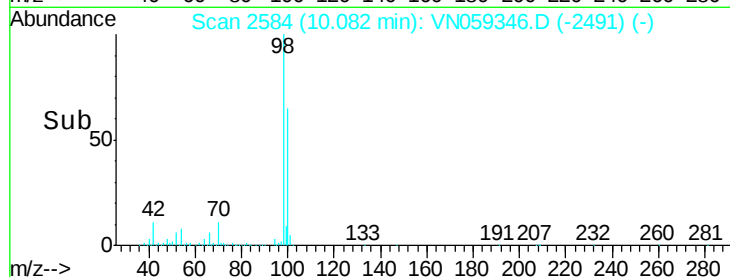
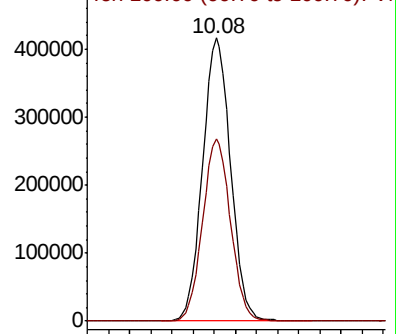
Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN059321.D (-2568) (-)



#62

4-Bromofluorobenzene

Concen: 47.307 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

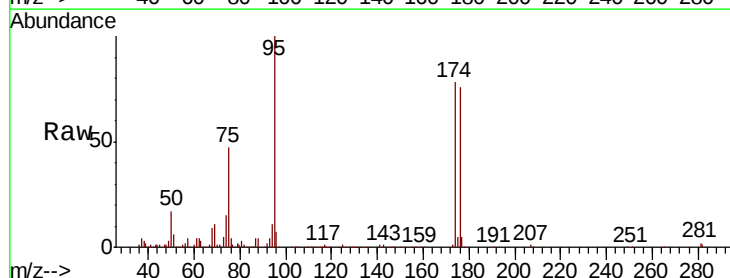
Tgt Ion: 95 Resp: 248787

Ion Ratio Lower Upper

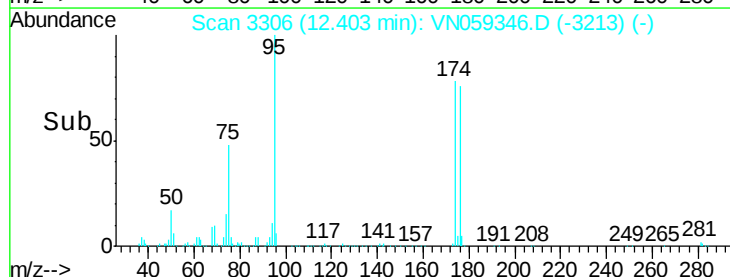
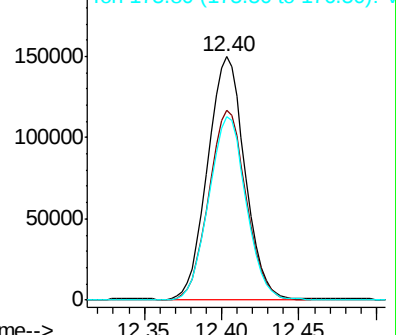
95 100

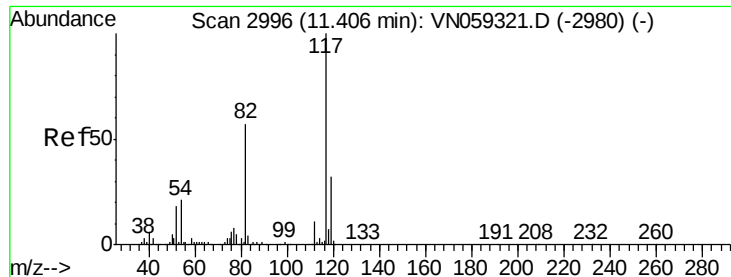
174 79.2 0.0 157.4

176 76.4 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN059321.D (-3291) (-)

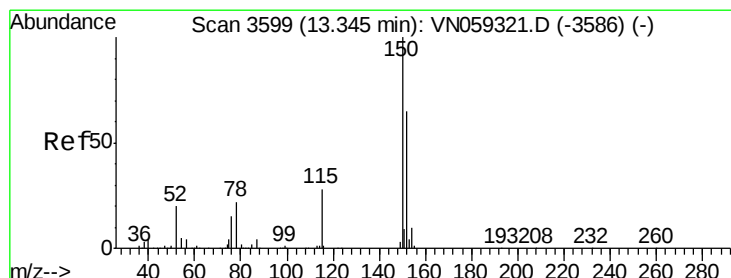
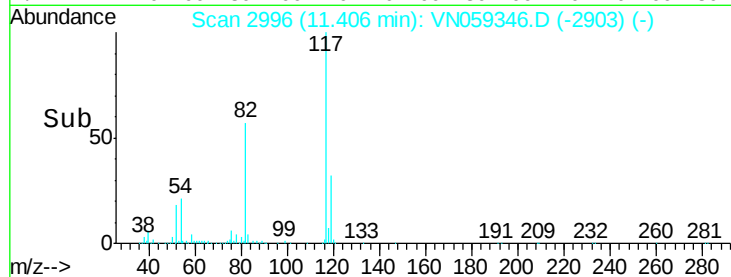
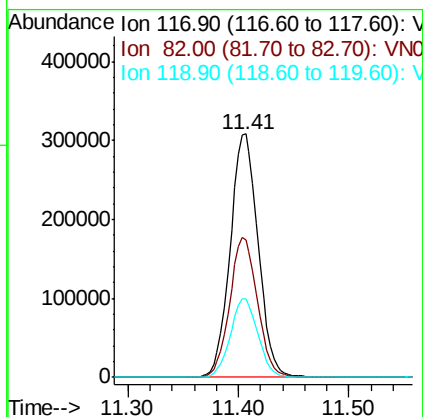
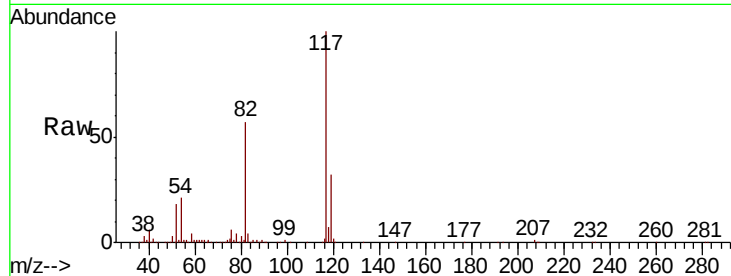




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059346.D
Acq: 21 Nov 2019 19:08

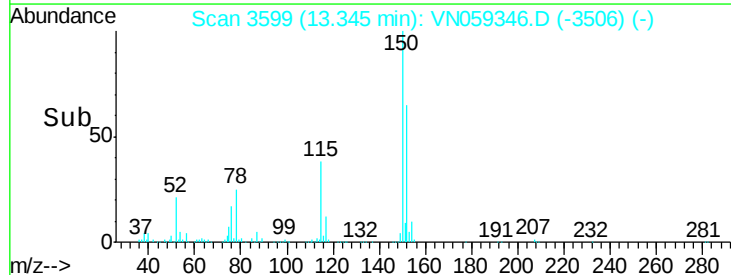
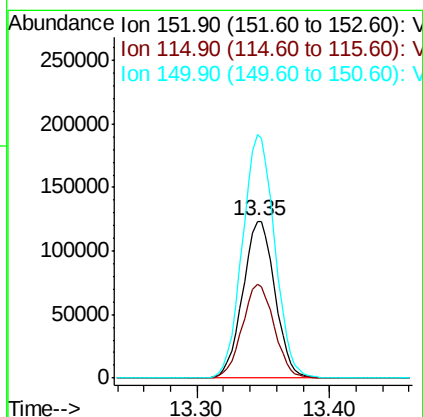
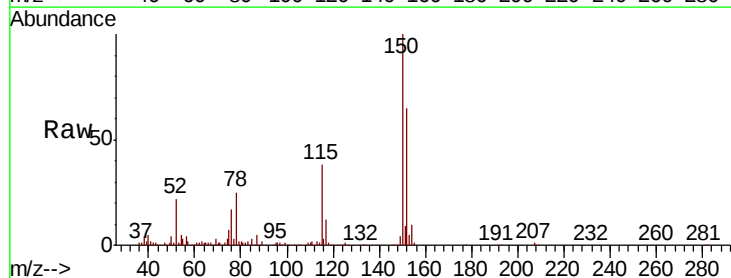
Instrument :
MSVOA_N
ClientSampleId :
IBLK

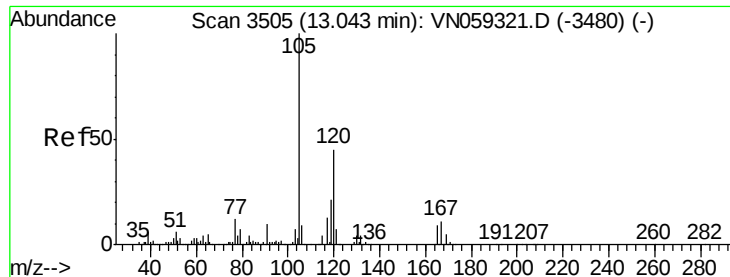
Tot Ion:117 Resp: 541294
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059346.D
Acq: 21 Nov 2019 19:08

Tgt Ion:152 Resp: 208496
Ion Ratio Lower Upper
152 100
115 58.8 29.3 88.0
150 155.3 0.0 346.0





#84

1,2,4-Trimethylbenzene

Concen: 1.209 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

ClientSampled :

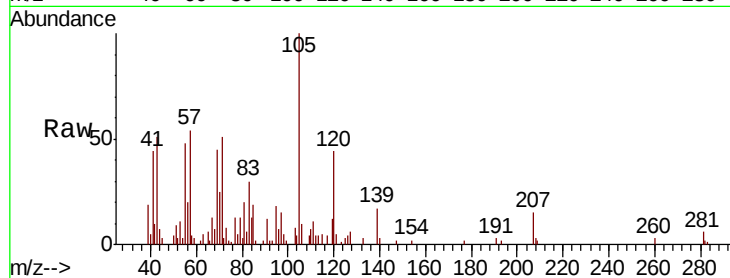
IBLK

Tot Ion:105 Resp: 17002

Ion Ratio Lower Upper

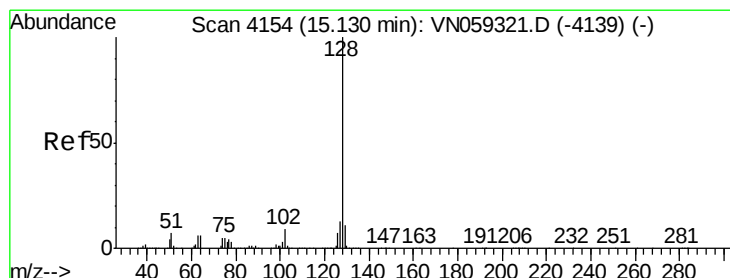
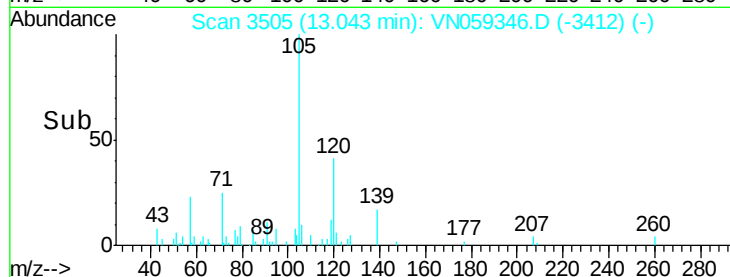
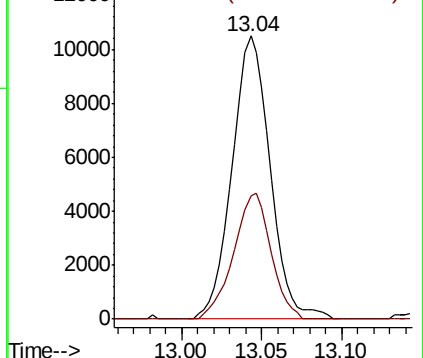
105 100

120 43.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 4.704 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

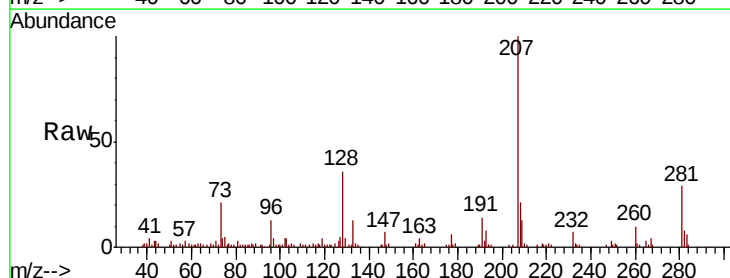
Tgt Ion:128 Resp: 20151

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 12.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

