

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091219\
 Data File : VN057930.D
 Acq On : 11 Sep 2019 17:58
 Operator : JC/SP
 Sample : PB122748TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122748TB

Quant Time: Sep 12 03:18:27 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

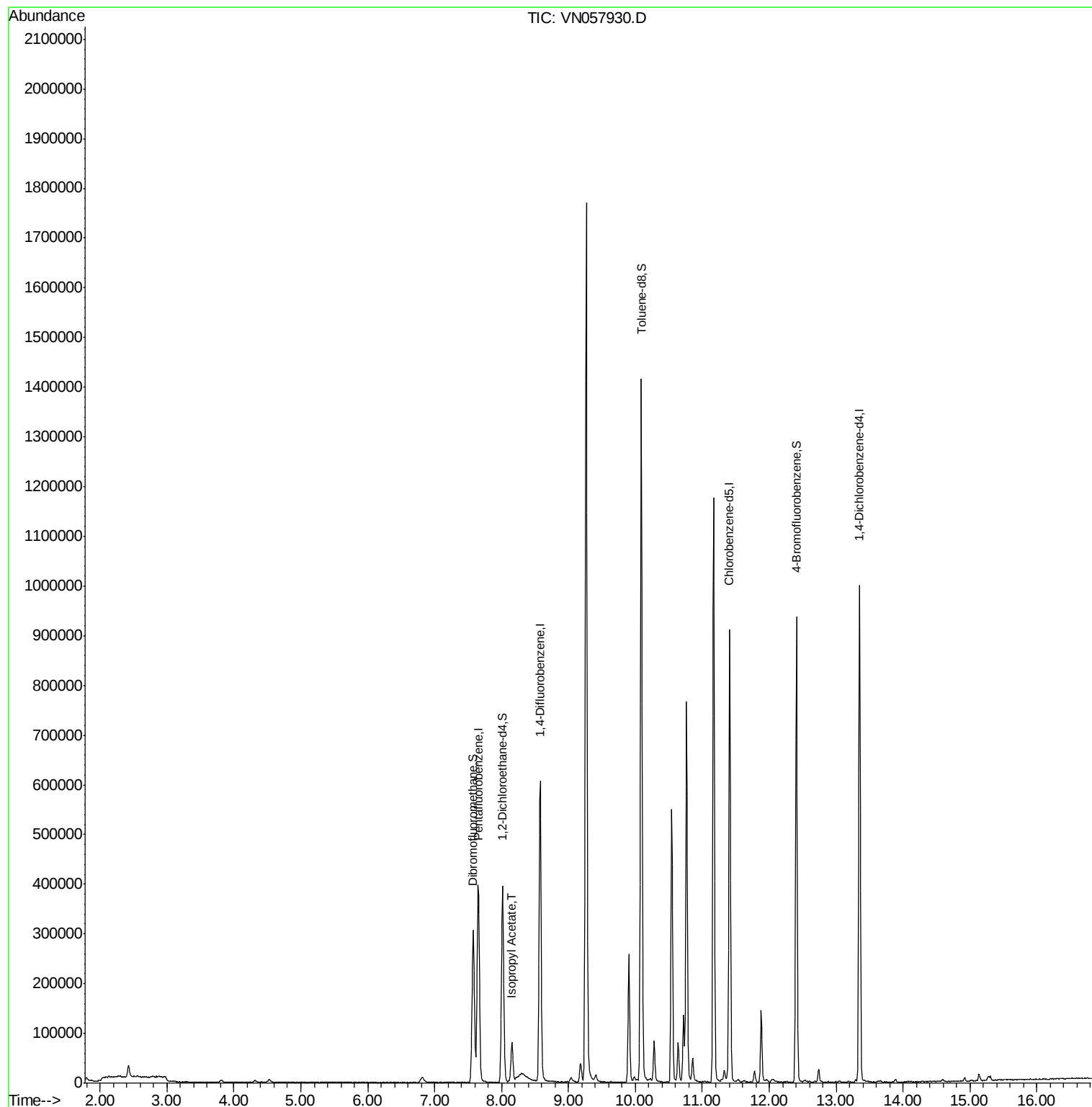
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	311484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	521352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	485272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	345494	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	7.58	113	229783	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	10.09	98	947688	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.41	95	311501	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
Target Compounds						
43) Isopropyl Acetate	8.16	43	95941	9.133	ug/l #	Qvalue 90

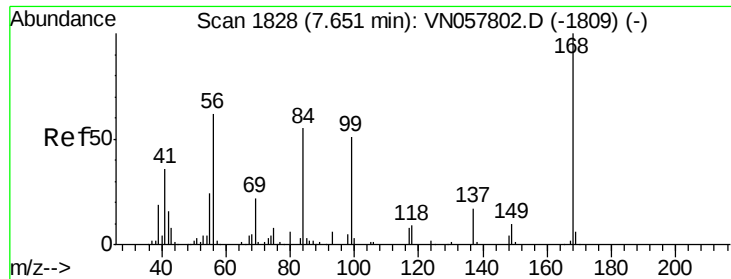
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091219\
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Quant Time: Sep 12 03:18:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057930.D

Acq: 11 Sep 2019 17:58

Instrument :

MSVOA_N

ClientSampled :

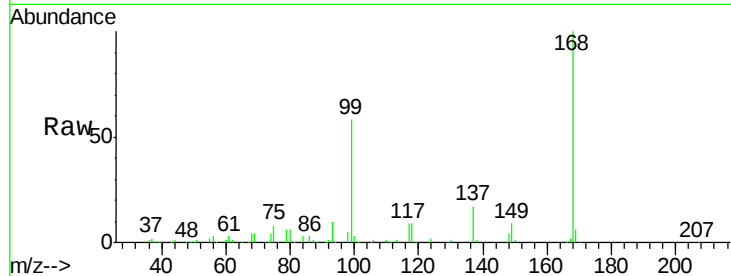
PB122748TB

Tot Ion:168 Resp: 311484

Ion Ratio Lower Upper

168 100

99 58.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

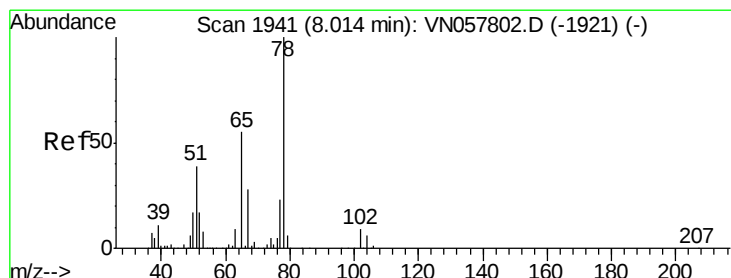
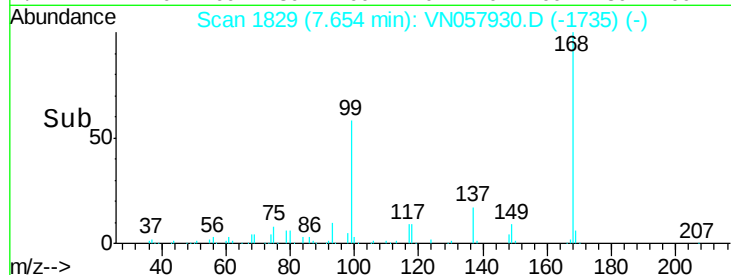
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.763 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057930.D

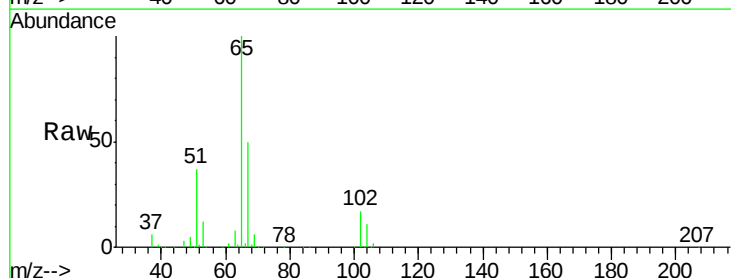
Acq: 11 Sep 2019 17:58

Tgt Ion: 65 Resp: 345494

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

150000

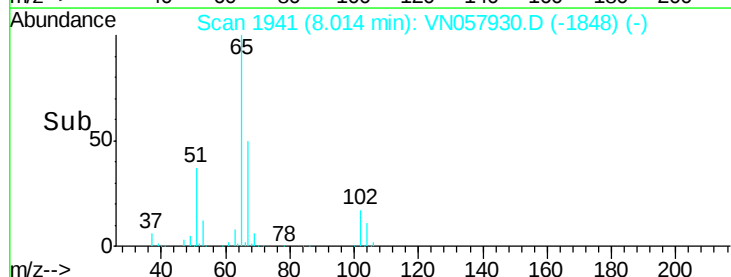
100000

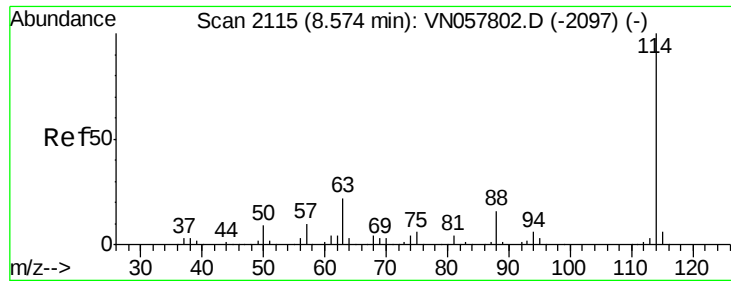
50000

0

7.90 8.00 8.10

Time-->

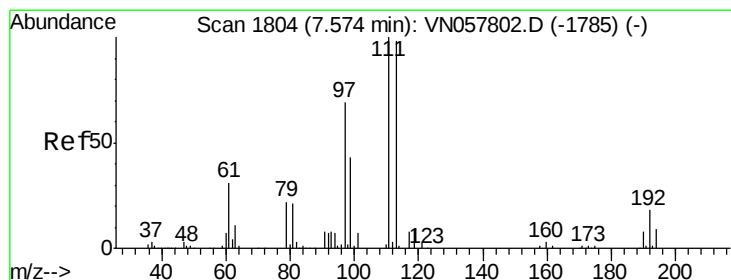
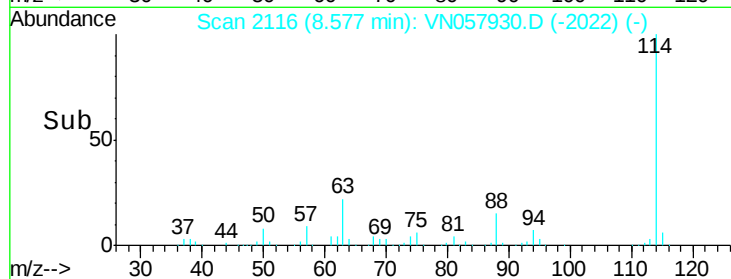
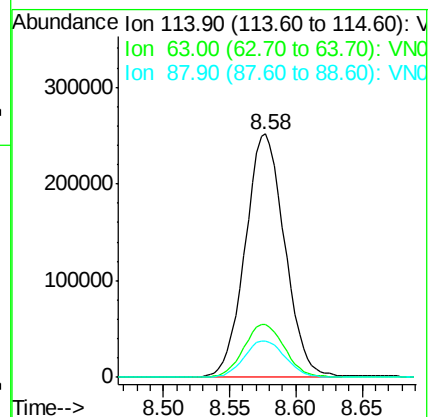
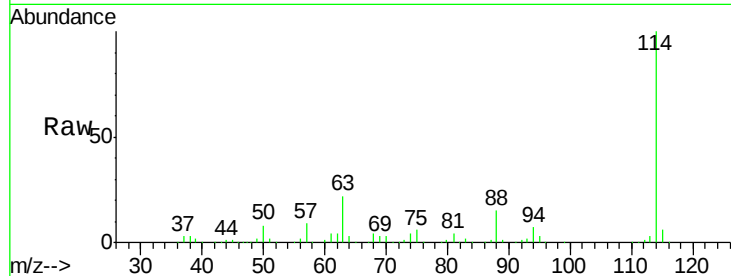




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057930.D
 Acq: 11 Sep 2019 17:58

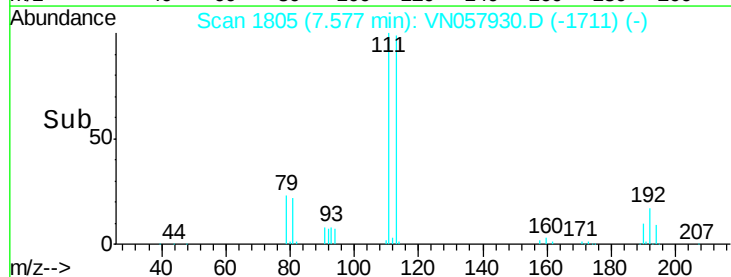
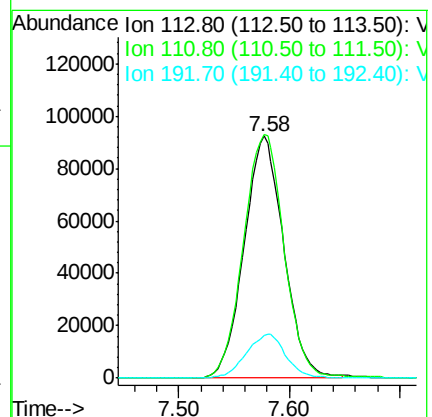
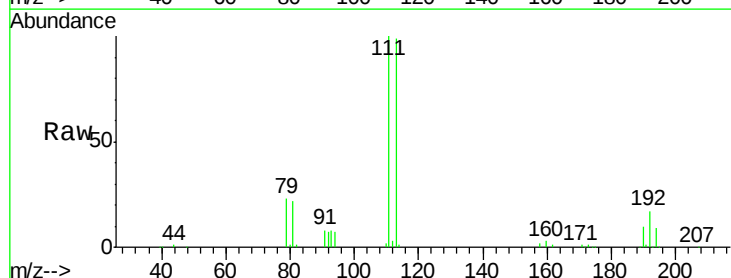
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122748TB

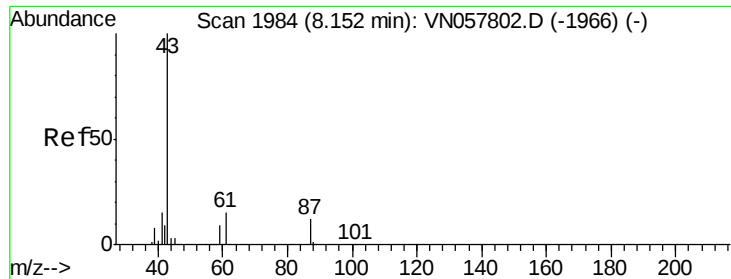
Tot Ion:114 Resp: 521352
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.0
 88 15.0 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 47.753 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057930.D
 Acq: 11 Sep 2019 17:58

Tgt Ion:113 Resp: 229783
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.3 121.9
 192 18.2 14.6 22.0





#43

Isopropyl Acetate

Concen: 9.133 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057930.D

Acq: 11 Sep 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

PB122748TB

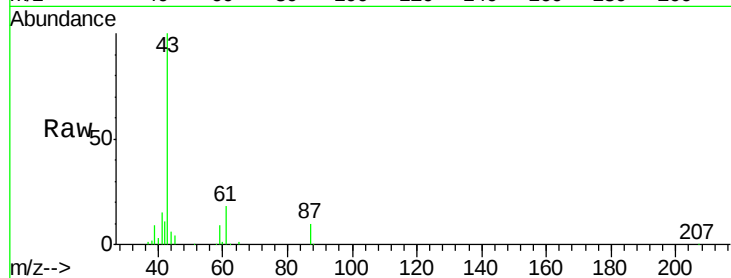
Tot Ion: 43 Resp: 95941

Ion Ratio Lower Upper

43 100

61 18.4 20.1 30.1#

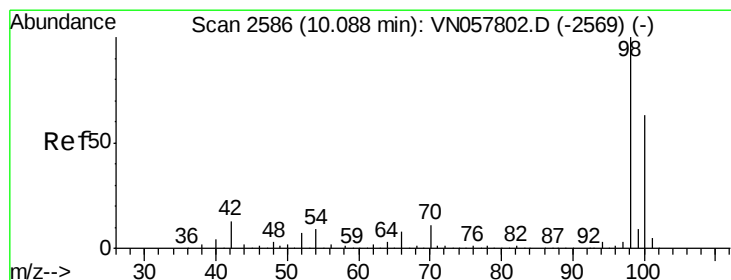
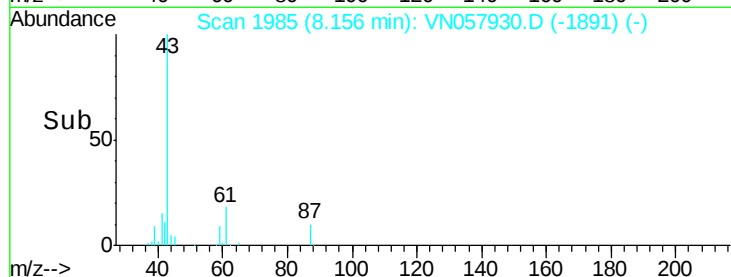
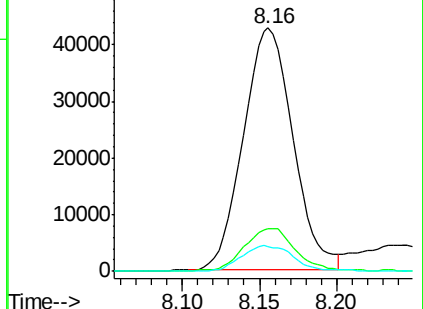
87 11.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#50

Toluene-d8

Concen: 50.727 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057930.D

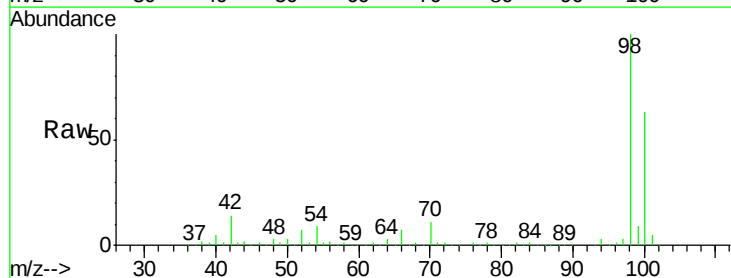
Acq: 11 Sep 2019 17:58

Tgt Ion: 98 Resp: 947688

Ion Ratio Lower Upper

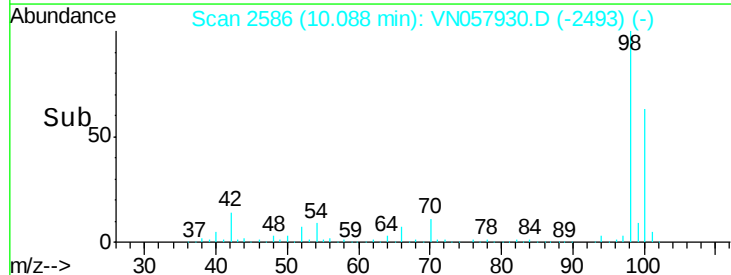
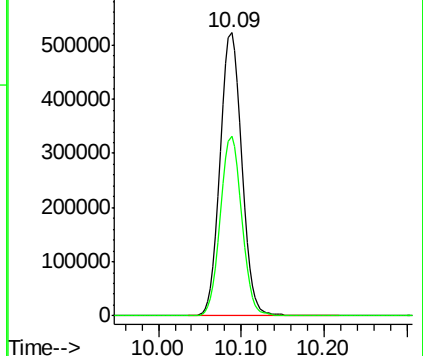
98 100

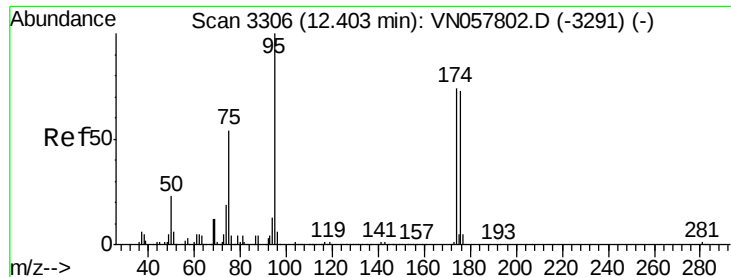
100 62.8 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)

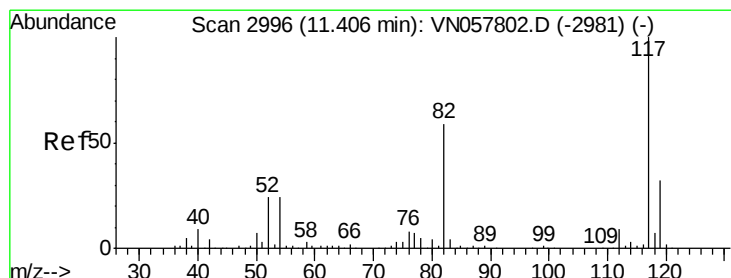
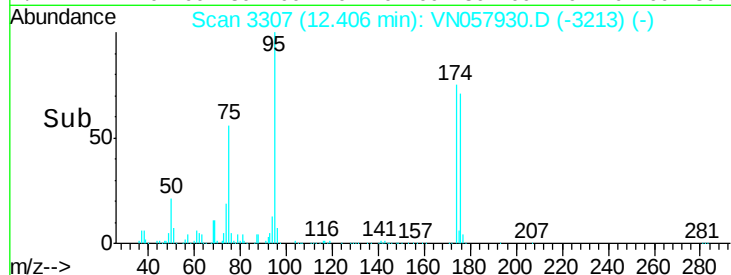
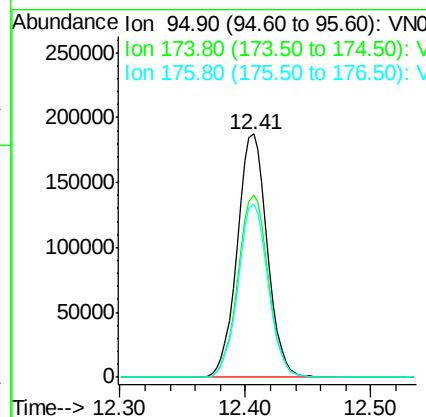
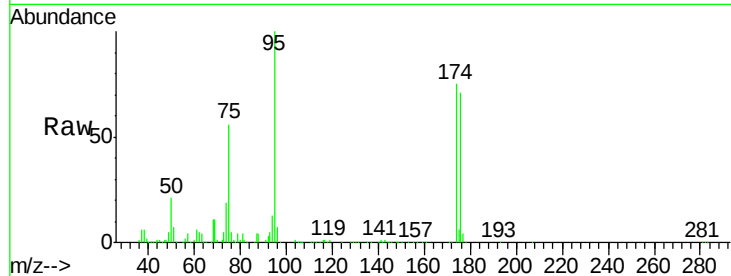




#62
4-Bromofluorobenzene
Concen: 43.753 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057930.D
Acq: 11 Sep 2019 17:58

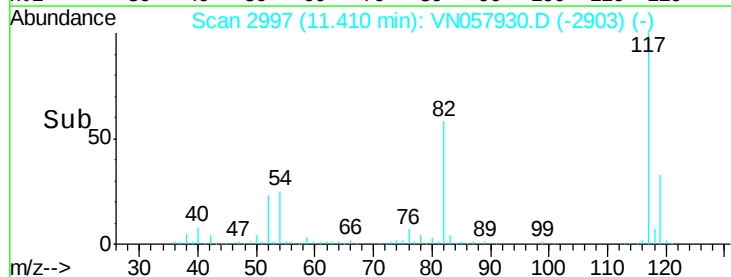
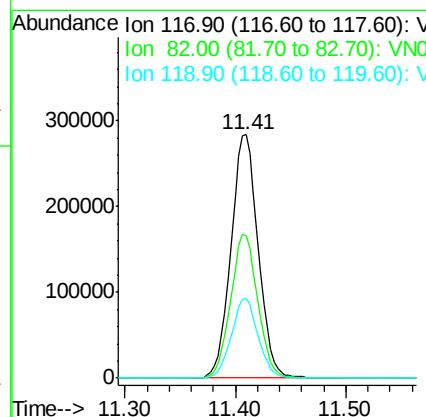
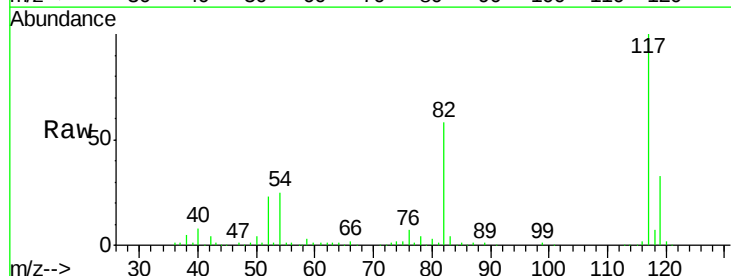
Instrument :
MSVOA_N
ClientSampled :
PB122748TB

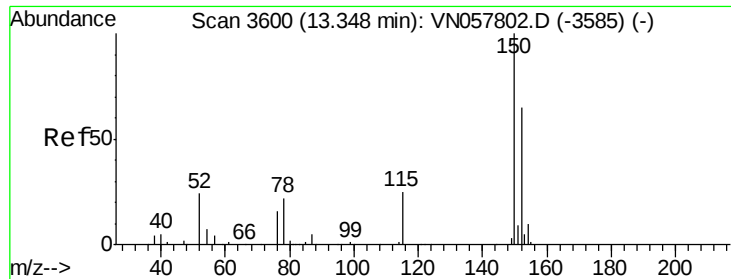
Tot Ion: 95 Resp: 311501
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.2
176 71.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057930.D
Acq: 11 Sep 2019 17:58

Tgt Ion: 117 Resp: 485272
Ion Ratio Lower Upper
117 100
82 58.4 47.2 70.8
119 32.7 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: VN057930.D

Acq: 11 Sep 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

PB122748TB

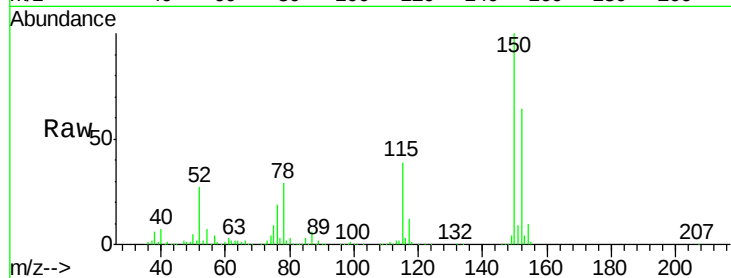
Tot Ion:152 Resp: 246891

Ion Ratio Lower Upper

152 100

115 61.2 30.3 91.0

150 158.6 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

