

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057766.D
 Acq On : 7 Sep 2019 19:53
 Operator : JC/SP
 Sample : K4581-38
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-D4-(3.5)

Quant Time: Sep 08 07:15:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

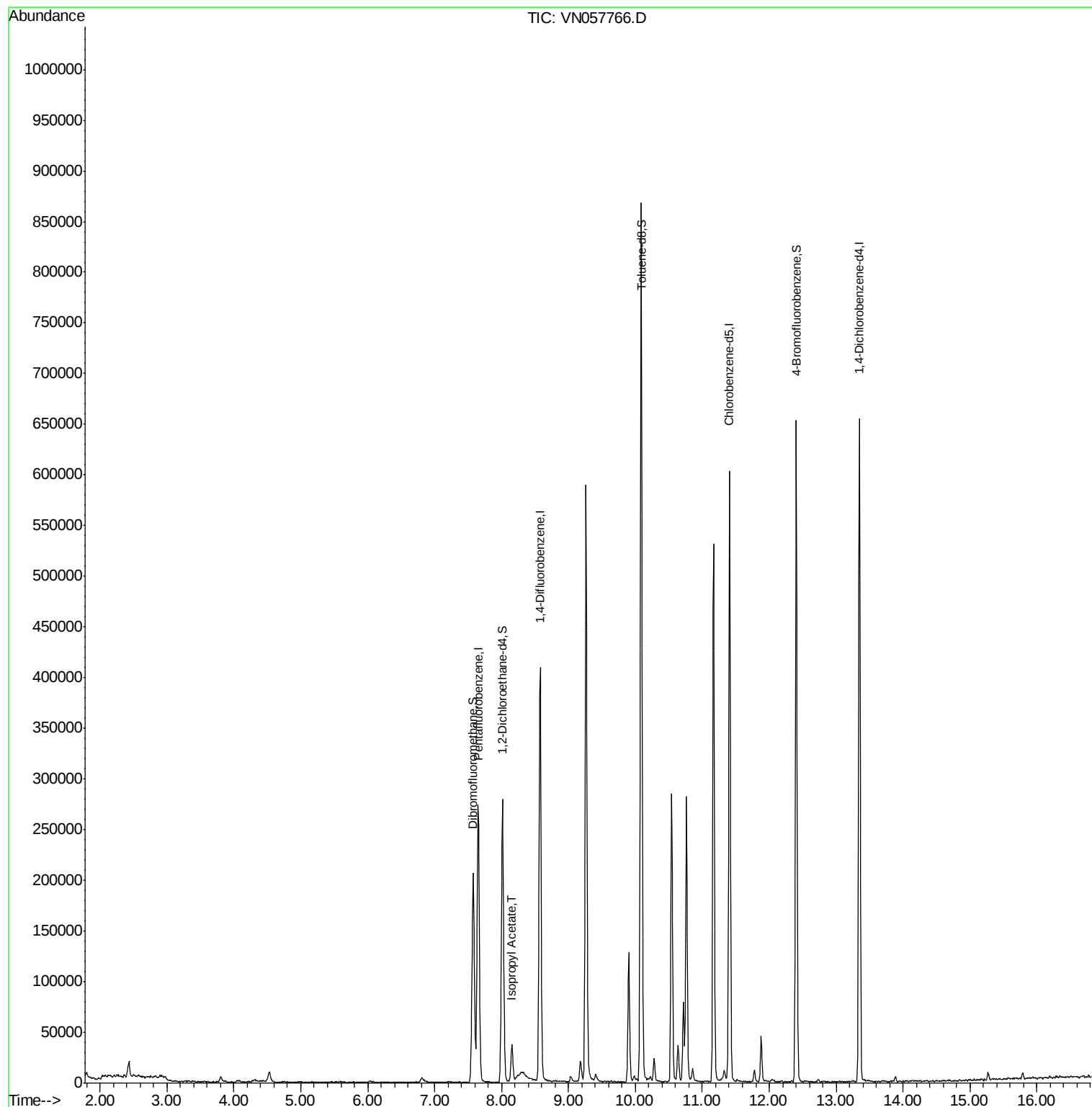
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	199169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	322543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	293328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	155431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	242921	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	7.57	113	145924	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	10.09	98	556471	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.40	95	202528	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
Target Compounds						
43) Isopropyl Acetate	8.16	43	43716	5.346	ug/l	Qvalue 99

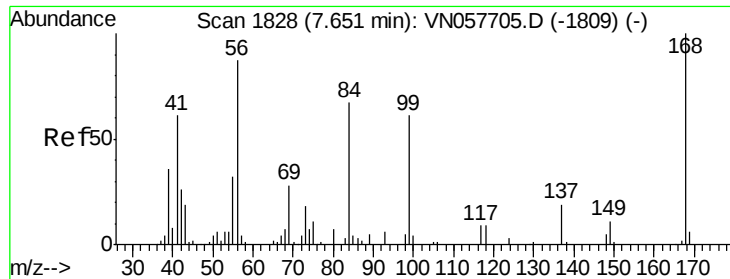
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057766.D

Acq: 7 Sep 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

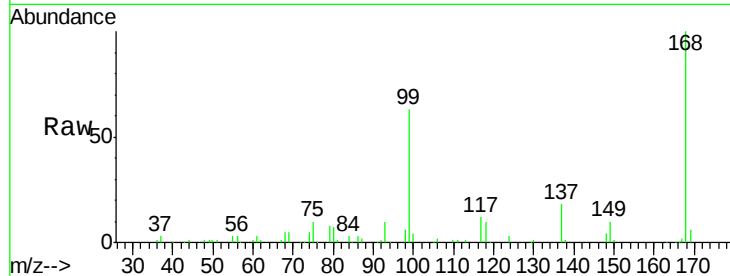
T12-D4-(3.5)

Tot Ion:168 Resp: 199169

Ion Ratio Lower Upper

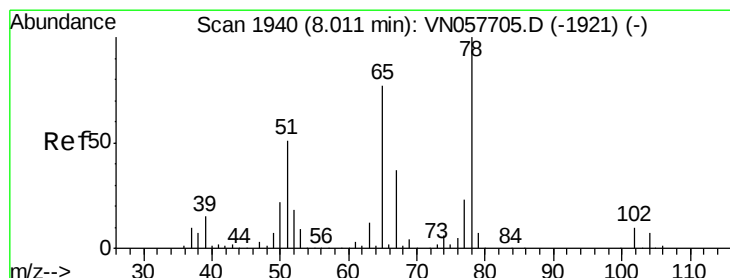
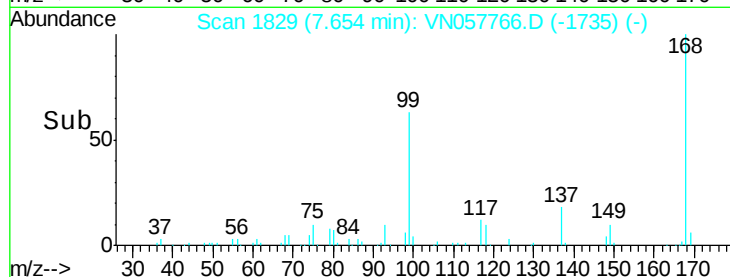
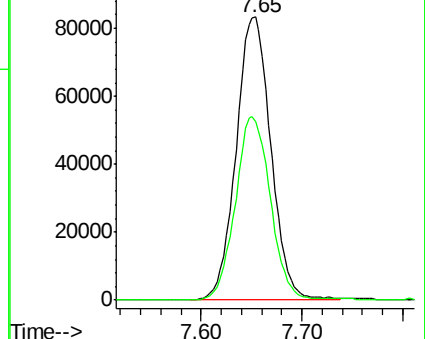
168 100

99 63.1 57.4 86.0



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: 50.137 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057766.D

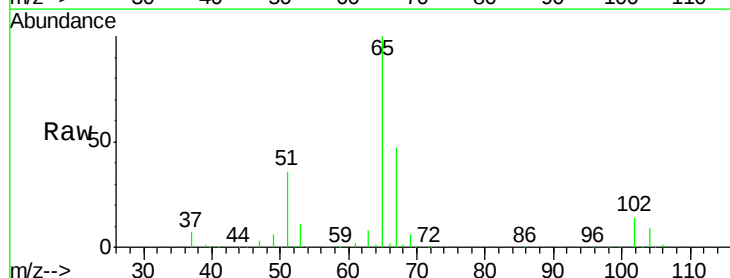
Acq: 7 Sep 2019 19:53

Tgt Ion: 65 Resp: 242921

Ion Ratio Lower Upper

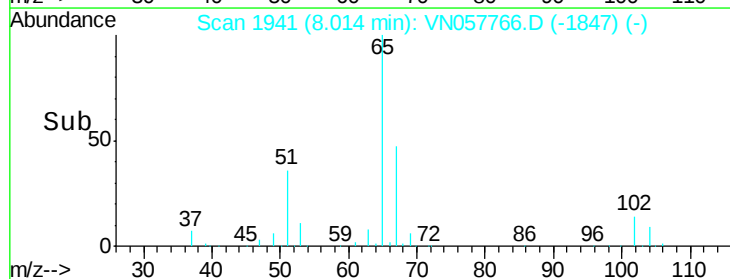
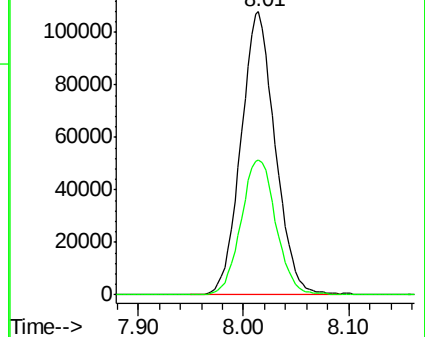
65 100

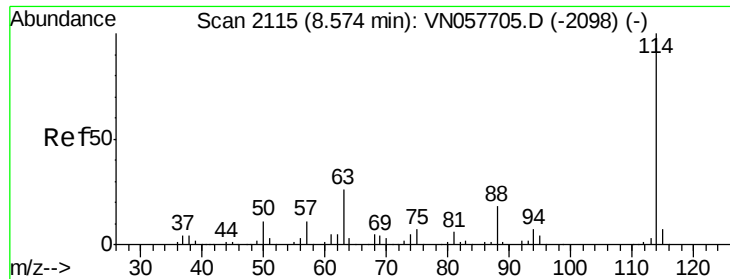
67 48.9 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

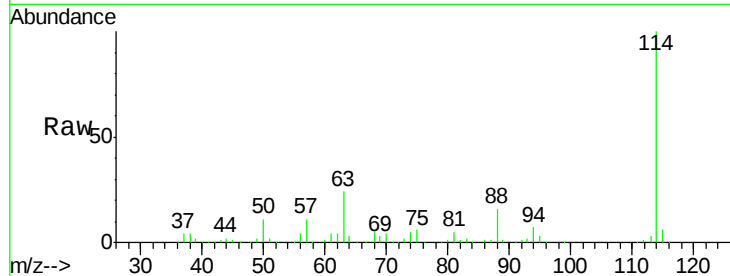




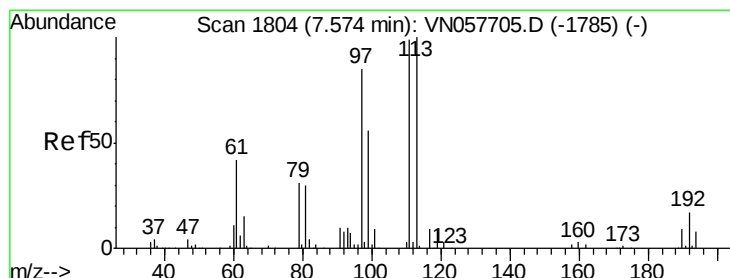
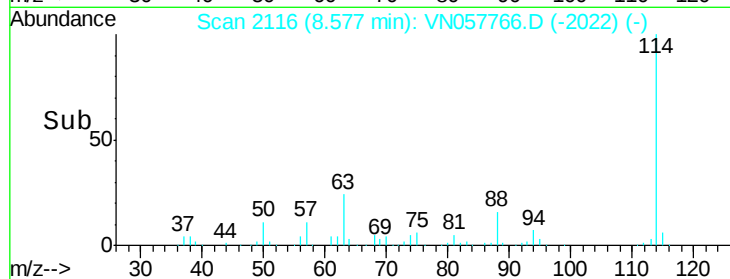
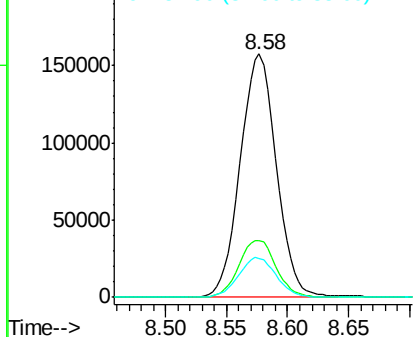
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057766.D
Acq: 7 Sep 2019 19:53

Instrument :
MSVOA_N
ClientSampleId :
T12-D4-(3.5)

Tot Ion:114 Resp: 322543
Ion Ratio Lower Upper
114 100
63 23.6 0.0 52.4
88 16.2 0.0 35.4

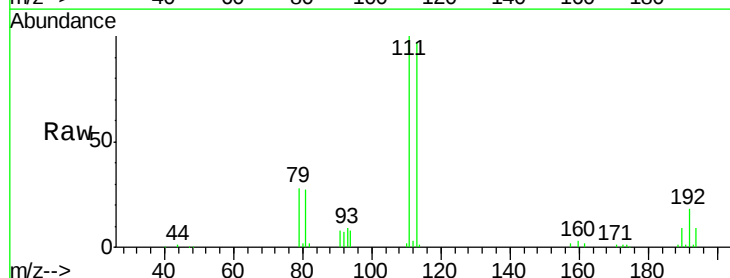


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

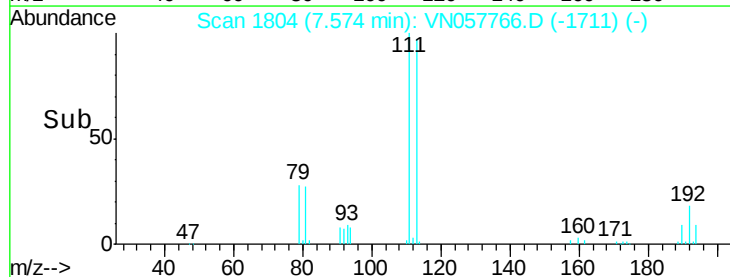
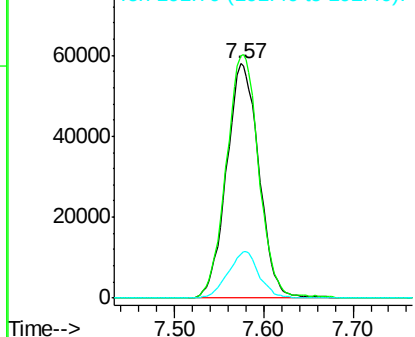


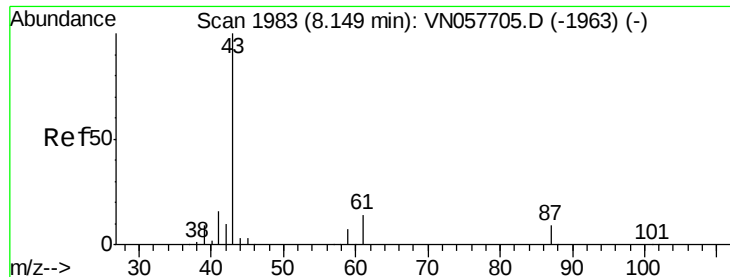
#35
Dibromofluoromethane
Concen: 49.670 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN057766.D
Acq: 7 Sep 2019 19:53

Tgt Ion:113 Resp: 145924
Ion Ratio Lower Upper
113 100
111 103.6 82.7 124.1
192 18.9 13.8 20.6



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





#43

Isopropyl Acetate

Concen: 5.346 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057766.D

Acq: 7 Sep 2019 19:53

Instrument :

MSVOA_N

ClientSampled :

T12-D4-(3.5)

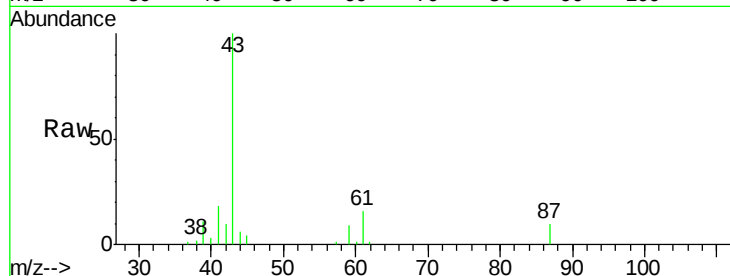
Tot Ion: 43 Resp: 43716

Ion Ratio Lower Upper

43 100

61 15.4 12.8 19.2

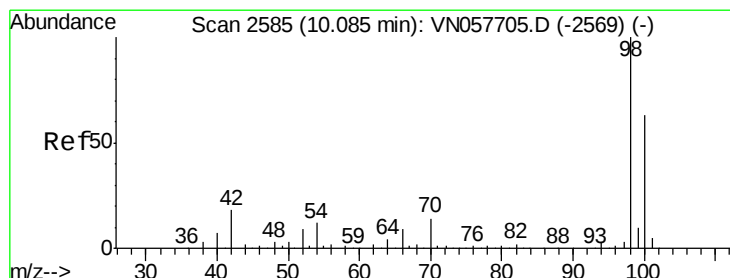
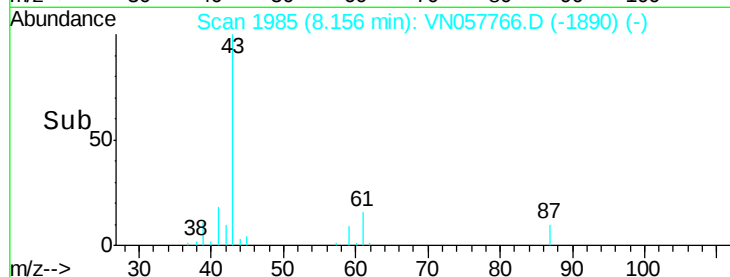
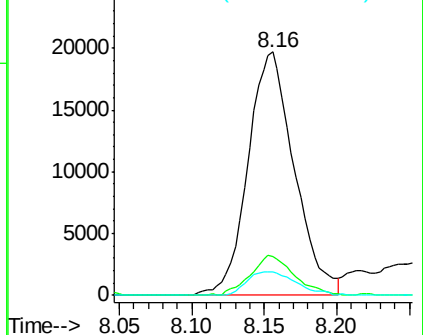
87 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.203 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057766.D

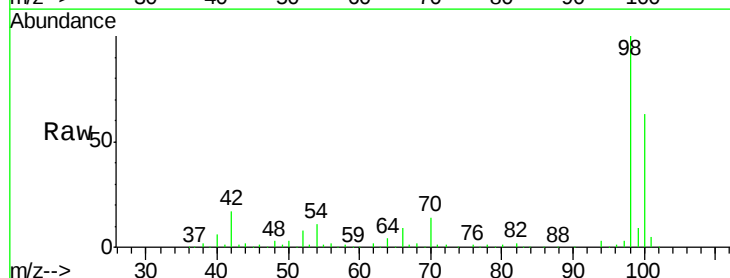
Acq: 7 Sep 2019 19:53

Tgt Ion: 98 Resp: 556471

Ion Ratio Lower Upper

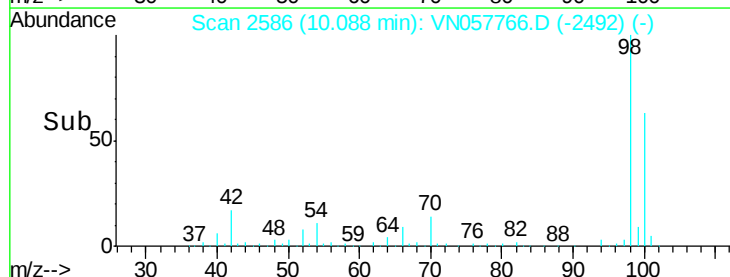
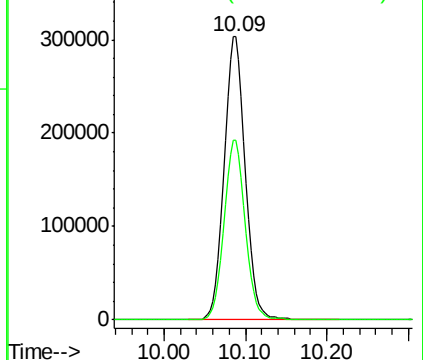
98 100

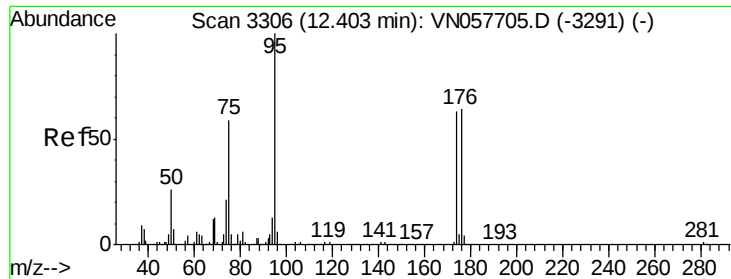
100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.866 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057766.D

Acq: 7 Sep 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

T12-D4-(3.5)

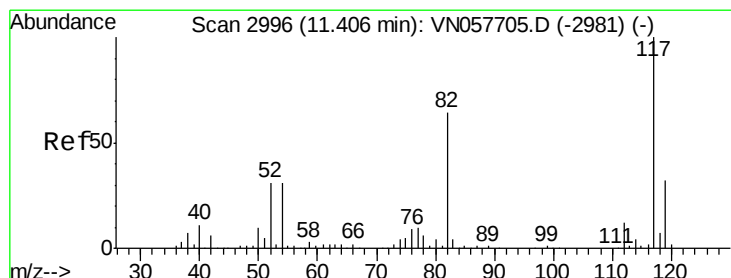
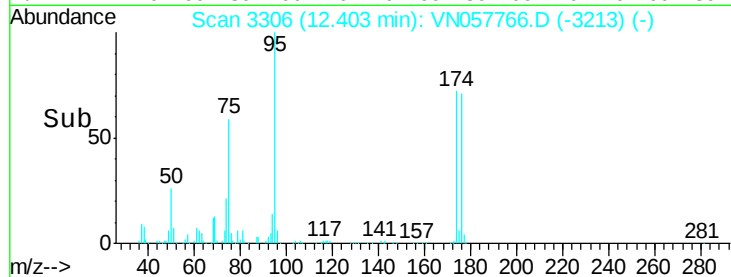
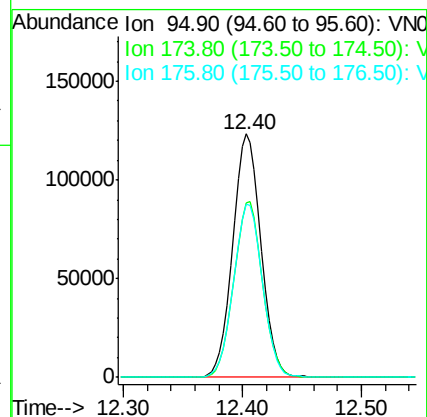
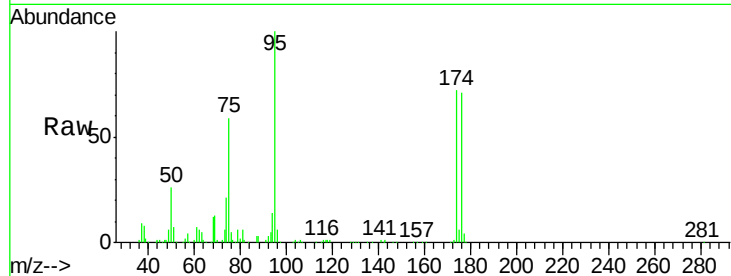
Tot Ion: 95 Resp: 202528

Ion Ratio Lower Upper

95 100

174 73.5 0.0 128.0

176 72.7 0.0 128.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057766.D

Acq: 7 Sep 2019 19:53

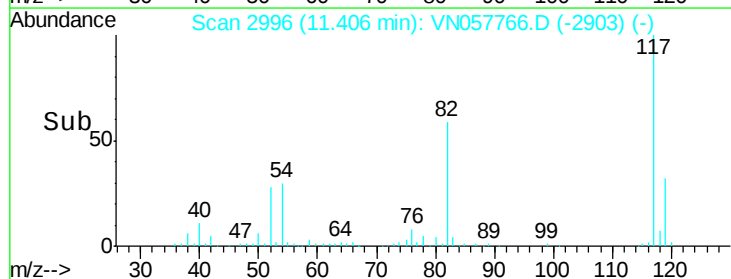
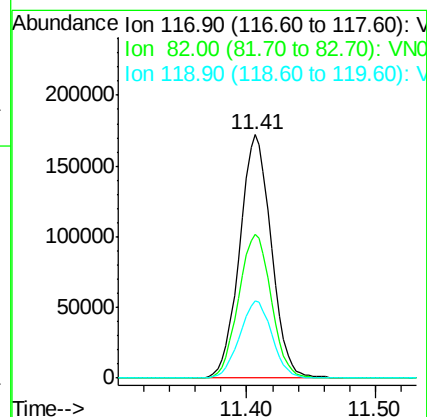
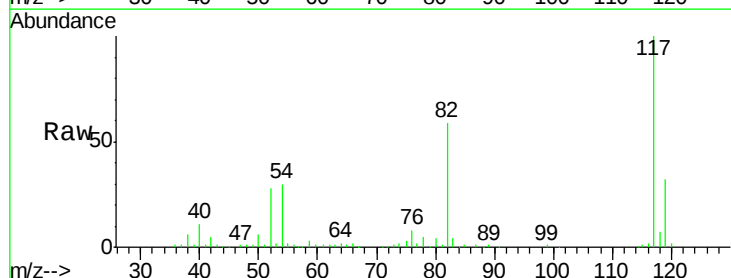
Tgt Ion: 117 Resp: 293328

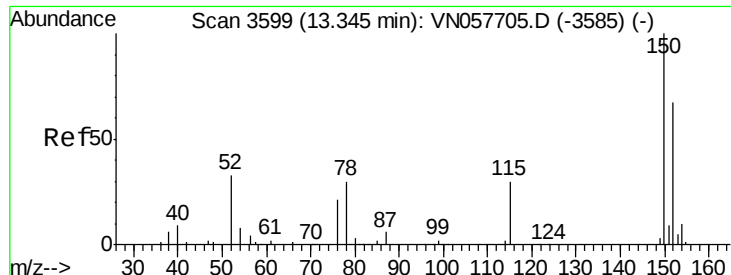
Ion Ratio Lower Upper

117 100

82 59.0 51.4 77.0

119 31.8 25.4 38.2

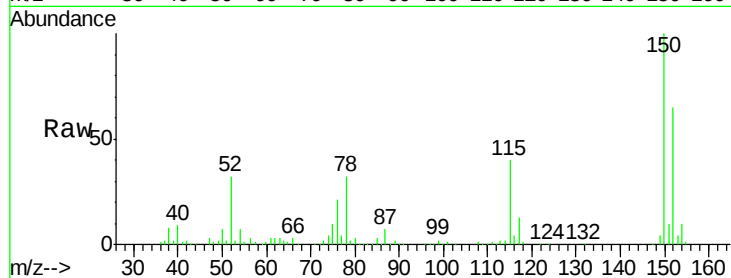




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057766.D
 Acq: 7 Sep 2019 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-D4-(3.5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.9	33.8	101.3
150	153.5	0.0	345.4



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

