

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057749.D
 Acq On : 7 Sep 2019 13:38
 Operator : JC/SP
 Sample : PB122864TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122864TB

Quant Time: Sep 08 06:42:45 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

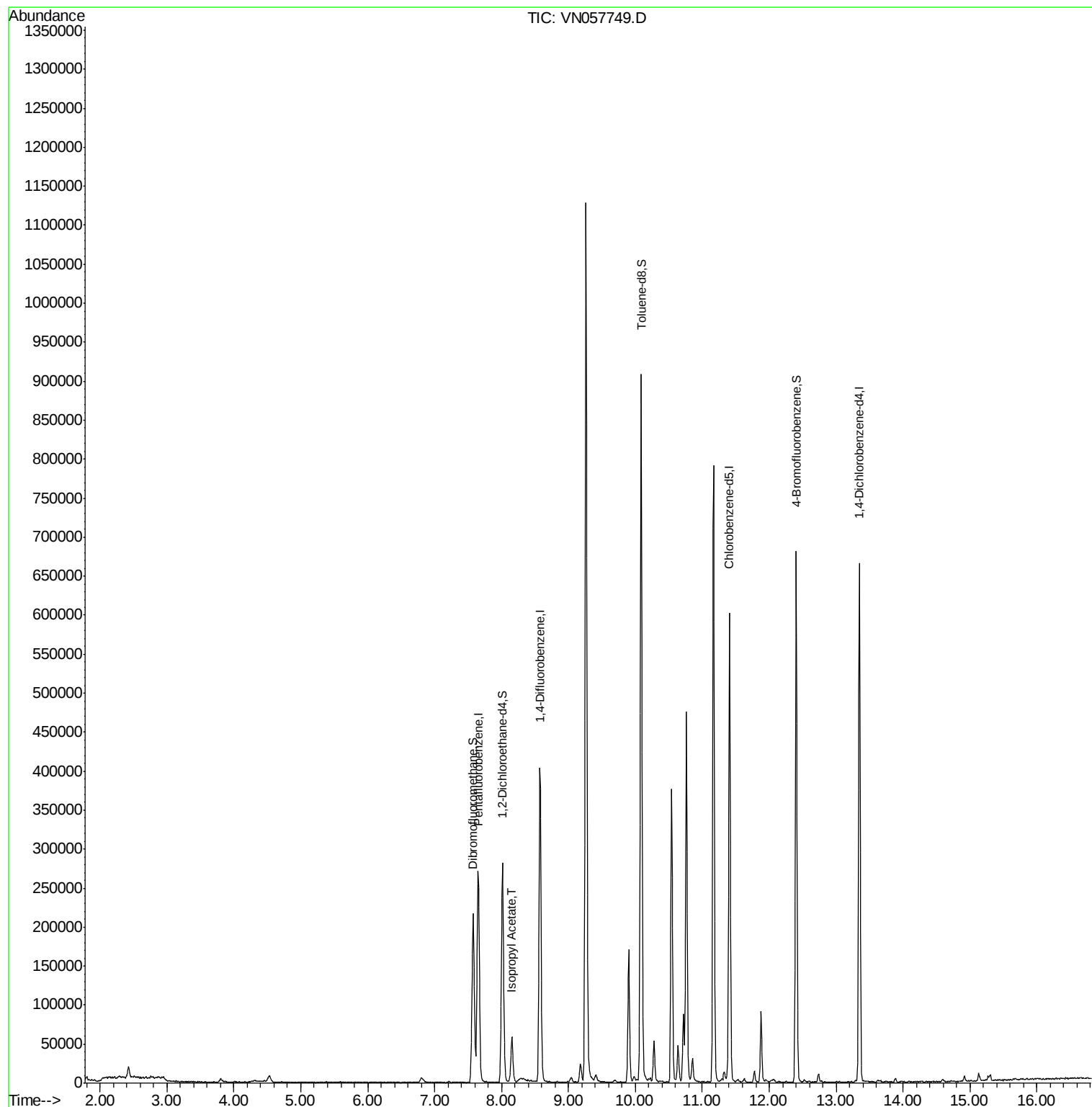
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	195489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	320231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	291918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	150227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	245313	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
35) Dibromofluoromethane	7.58	113	149773	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.08	98	568927	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.40	95	211983	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
Target Compounds						
43) Isopropyl Acetate	8.16	43	70258	8.655	ug/l	Qvalue 100

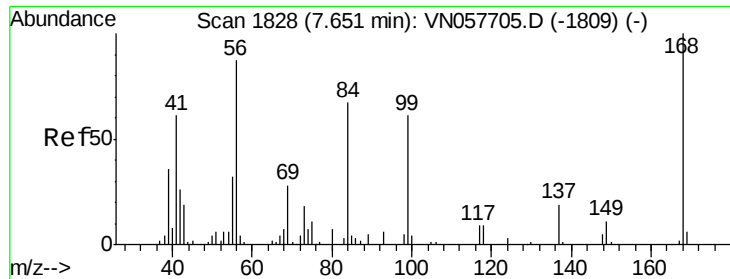
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057749.D

Acq: 7 Sep 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

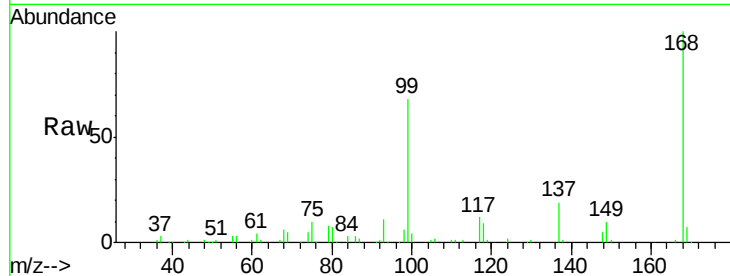
PB122864TB

Tot Ion:168 Resp: 195489

Ion Ratio Lower Upper

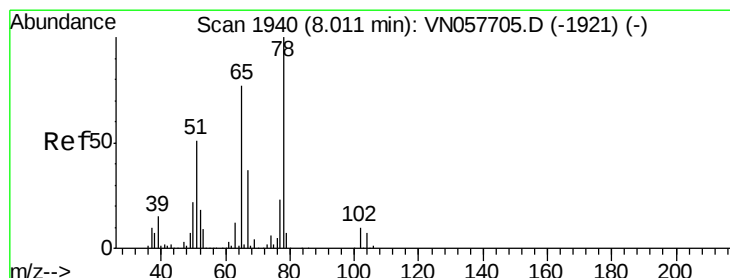
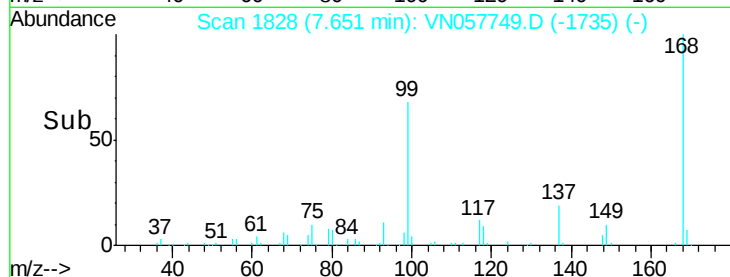
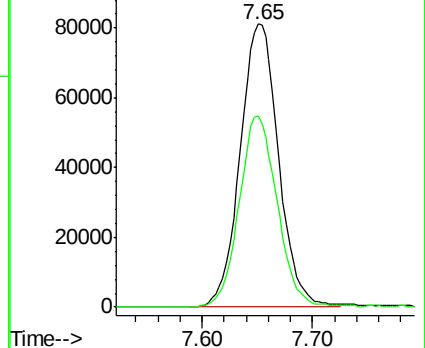
168 100

99 67.5 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: 51.583 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057749.D

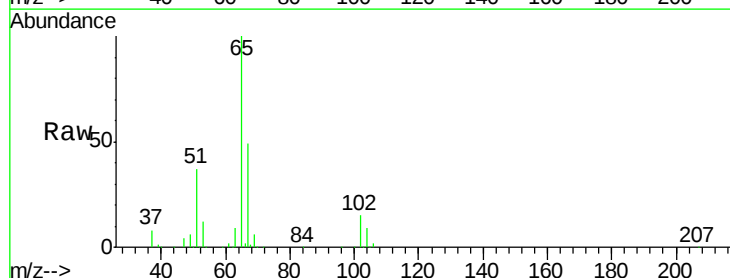
Acq: 7 Sep 2019 13:38

Tgt Ion: 65 Resp: 245313

Ion Ratio Lower Upper

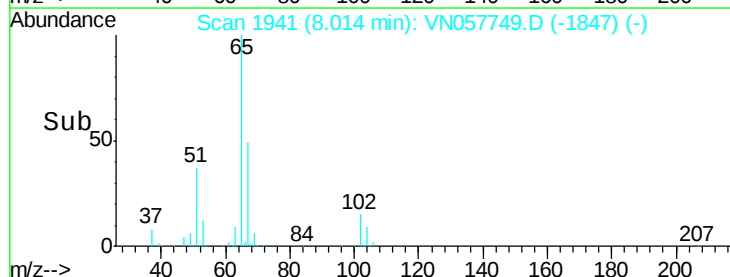
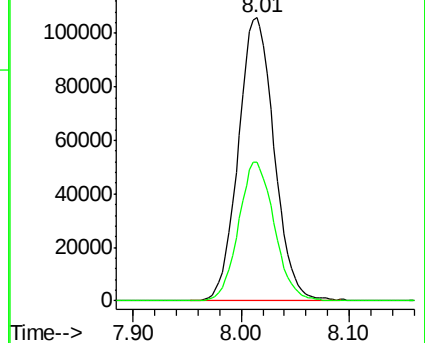
65 100

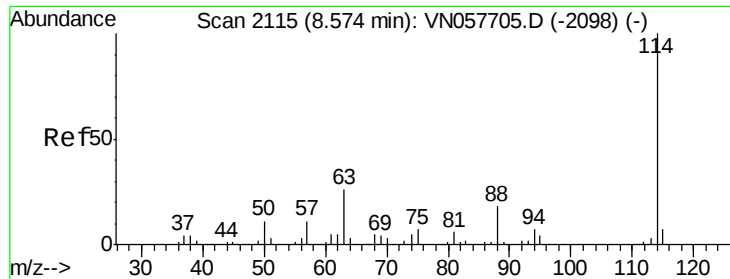
67 49.1 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

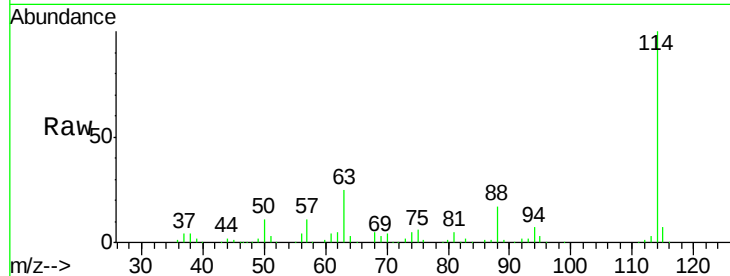




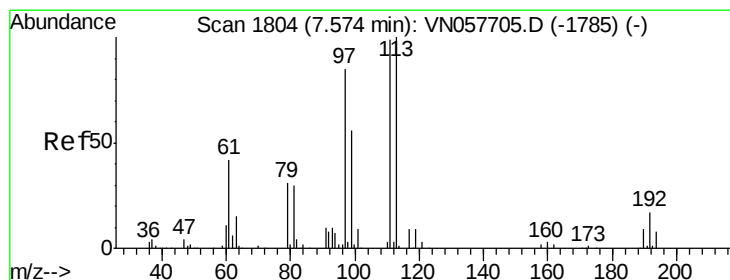
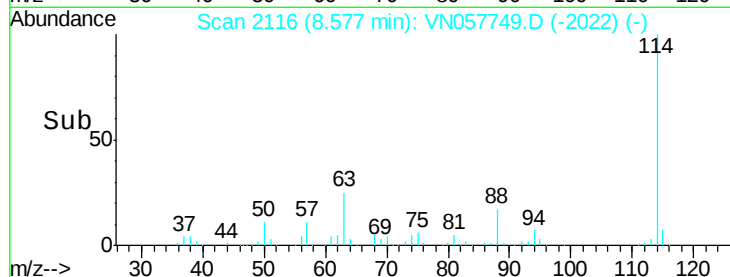
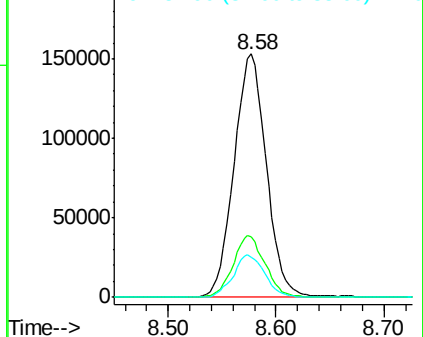
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057749.D
Acq: 7 Sep 2019 13:38

Instrument :
MSVOA_N
ClientSampleId :
PB122864TB

Tot Ion:114 Resp: 320231
Ion Ratio Lower Upper
114 100
63 25.1 0.0 52.4
88 16.6 0.0 35.4

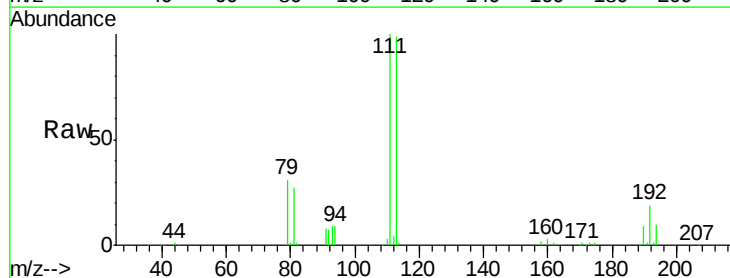


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

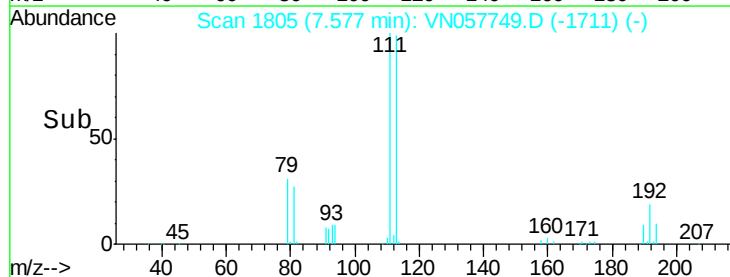
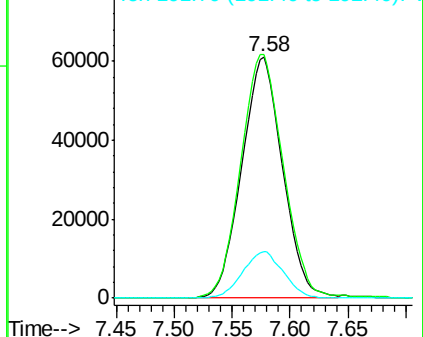


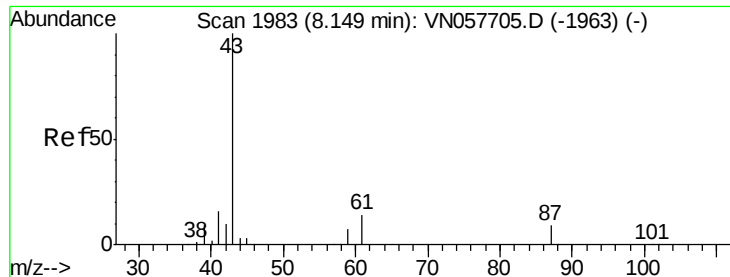
#35
Dibromofluoromethane
Concen: 51.348 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057749.D
Acq: 7 Sep 2019 13:38

Tgt Ion:113 Resp: 149773
Ion Ratio Lower Upper
113 100
111 105.5 82.7 124.1
192 19.0 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: 8.655 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057749.D

Acq: 7 Sep 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

PB122864TB

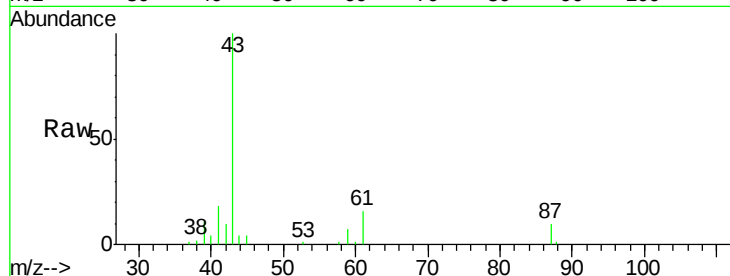
Tot Ion: 43 Resp: 70258

Ion Ratio Lower Upper

43 100

61 15.9 12.8 19.2

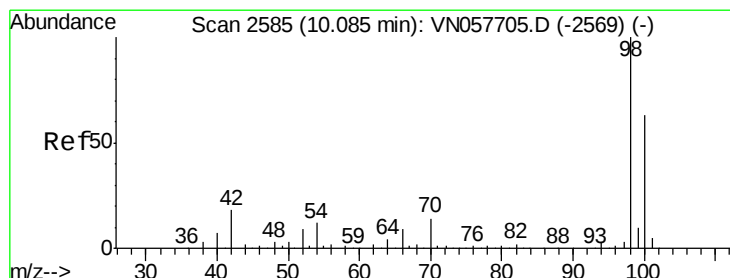
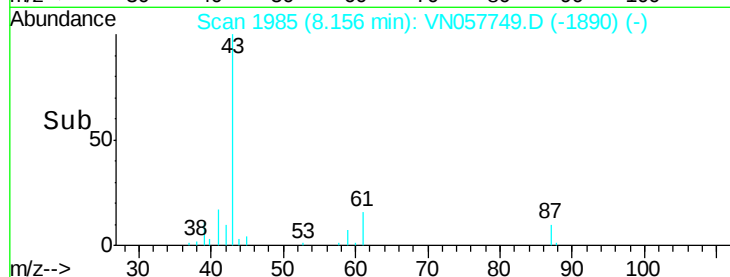
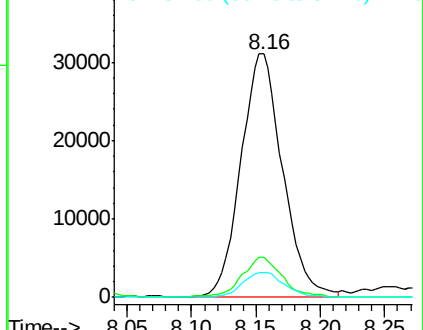
87 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN057705.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN057705.D (-1963) (-)



#50

Toluene-d8

Concen: 52.727 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057749.D

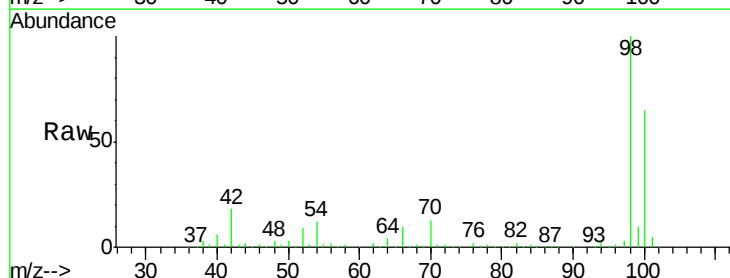
Acq: 7 Sep 2019 13:38

Tgt Ion: 98 Resp: 568927

Ion Ratio Lower Upper

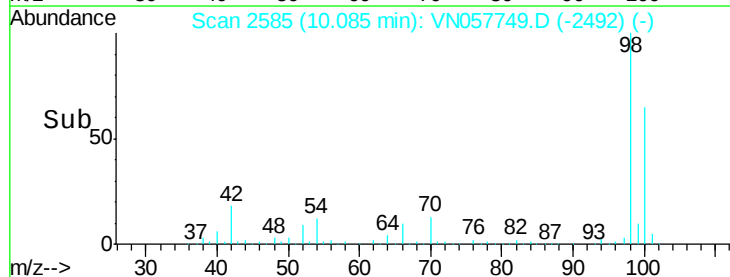
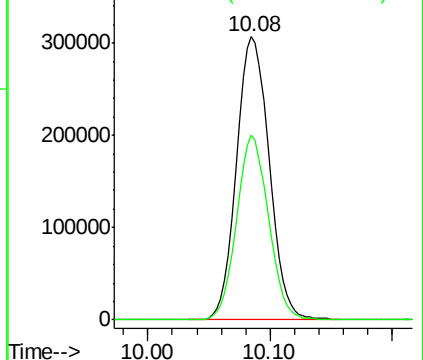
98 100

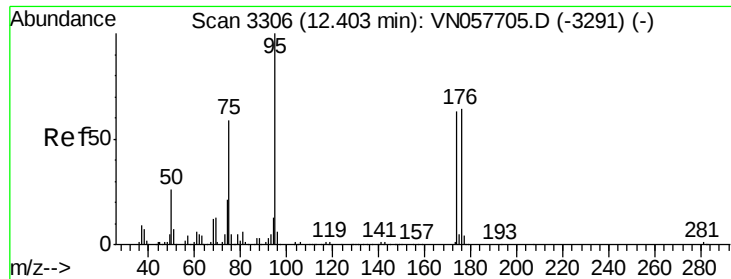
100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057705.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057705.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 47.300 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057749.D

Acq: 7 Sep 2019 13:38

Instrument :

MSVOA_N

ClientSampled :

PB122864TB

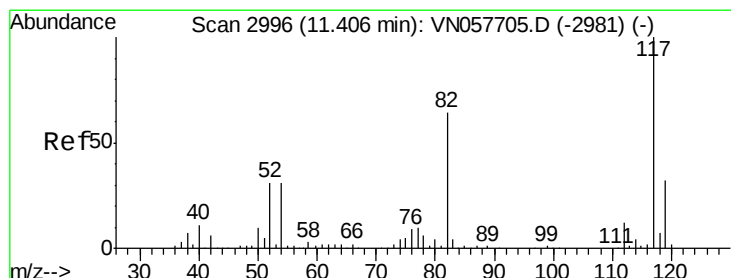
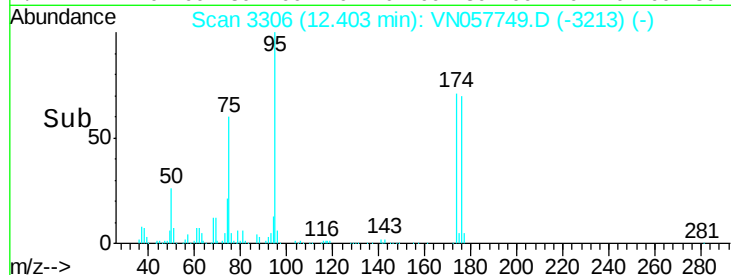
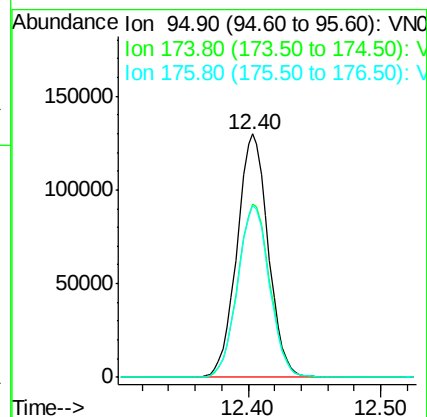
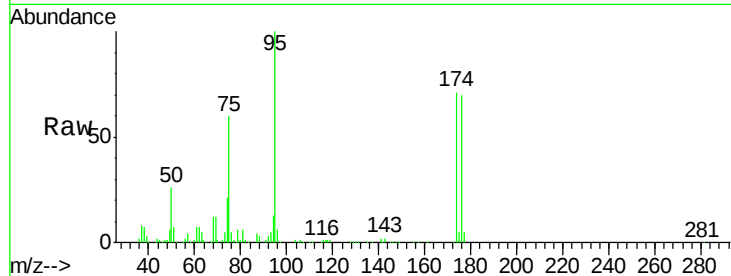
Tot Ion: 95 Resp: 211983

Ion Ratio Lower Upper

95 100

174 73.4 0.0 128.0

176 72.5 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: VN057749.D

Acq: 7 Sep 2019 13:38

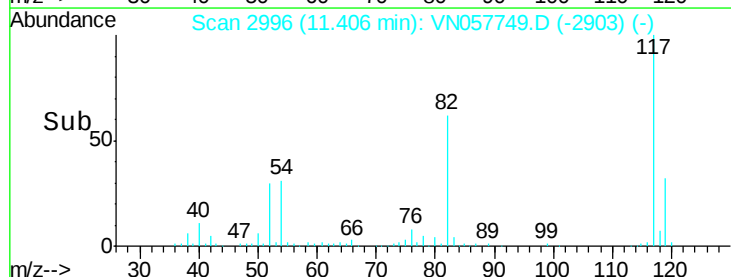
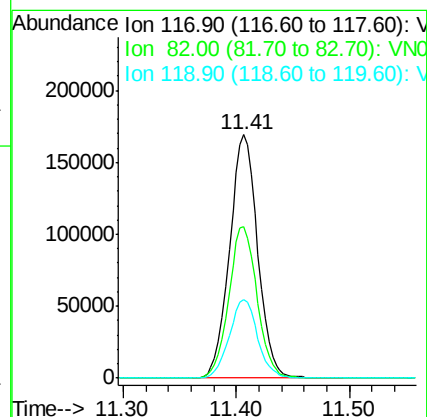
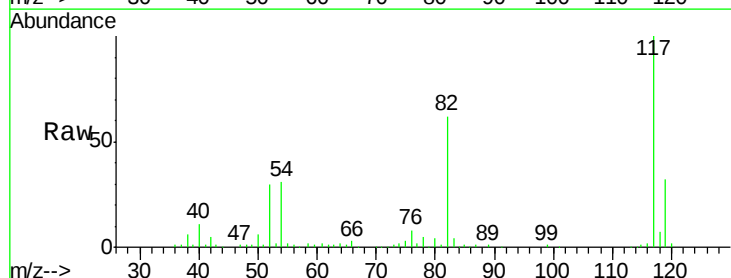
Tgt Ion: 117 Resp: 291918

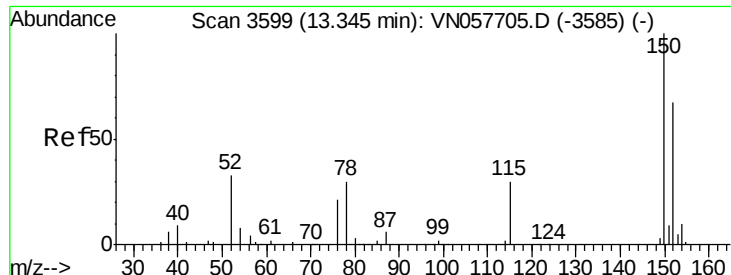
Ion Ratio Lower Upper

117 100

82 62.3 51.4 77.0

119 32.5 25.4 38.2

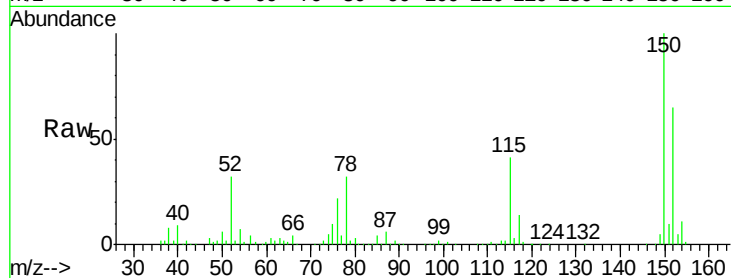




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057749.D
 Acq: 7 Sep 2019 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122864TB

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.8	33.8	101.3
150	157.9	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

