

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\
 Data File : VN058779.D
 Acq On : 15 Oct 2019 14:04
 Operator : JC/SP
 Sample : PB123953TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123953TB

Quant Time: Oct 16 05:01:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

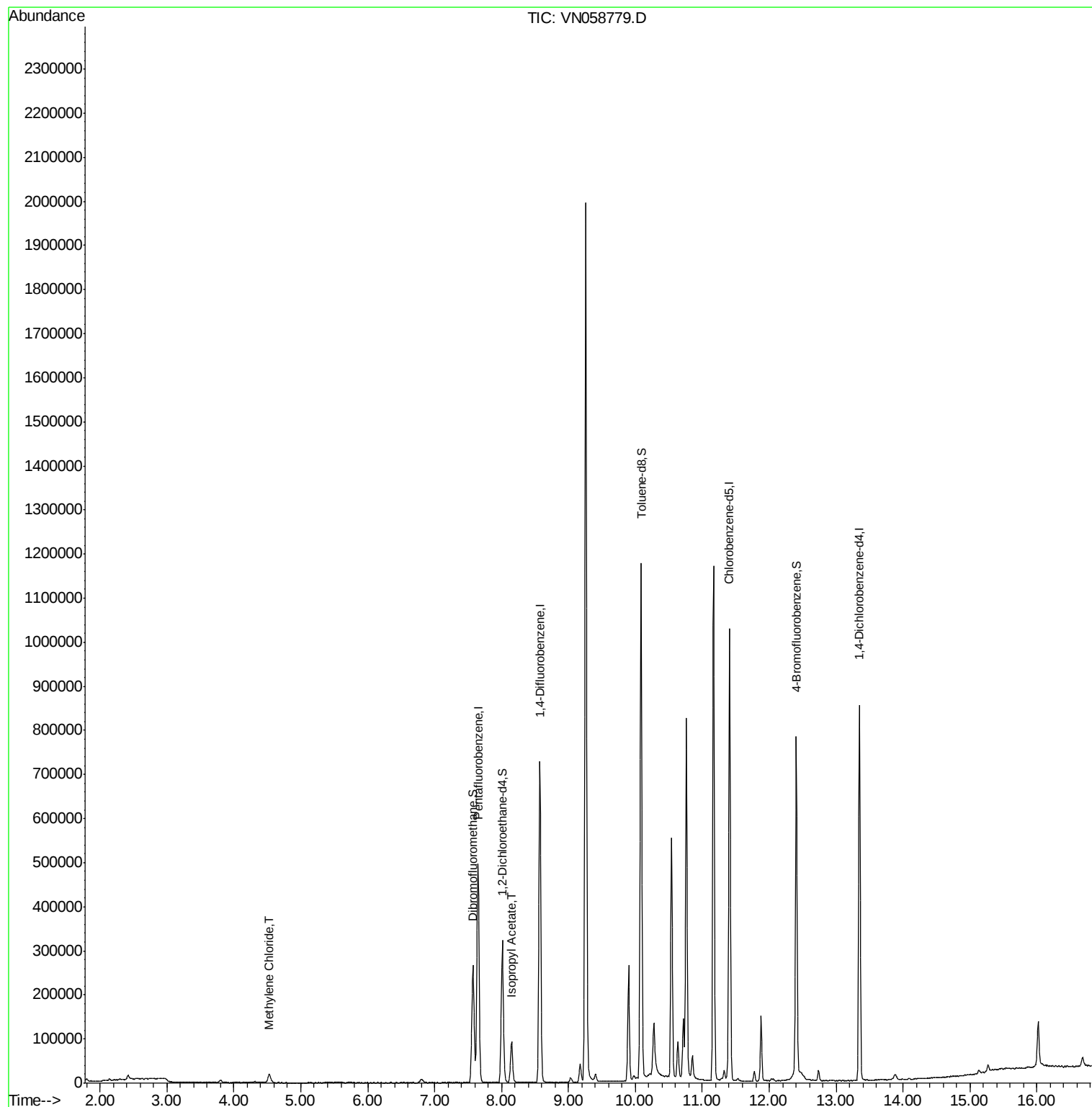
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	388026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	617786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	570717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	282531	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
35) Dibromofluoromethane	7.57	113	199901	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
50) Toluene-d8	10.08	98	792969	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.40	95	257354	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
Target Compounds						
20) Methylene Chloride	4.53	84	13886	2.954	ug/l #	93
43) Isopropyl Acetate	8.15	43	110346	10.254	ug/l #	90

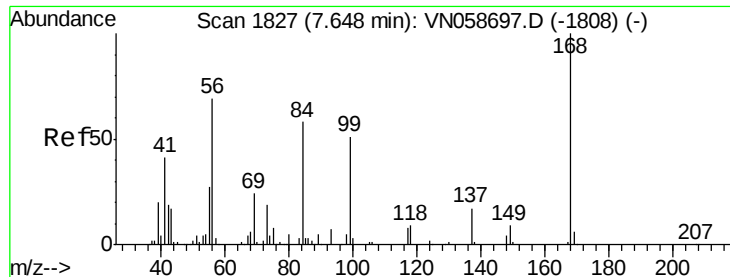
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058779.D

Acq: 15 Oct 2019 14:04

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MSVOA_N

ClientSampleId :

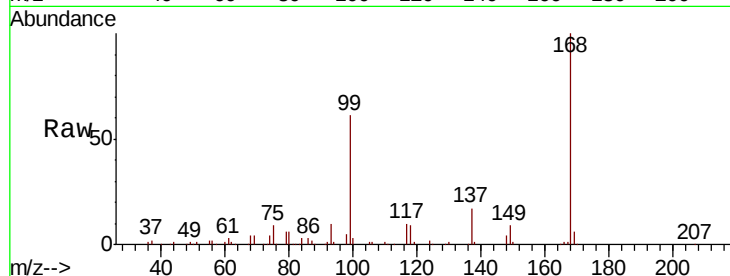
PB123953TB

Tot Ion:168 Resp: 388026

Ion Ratio Lower Upper

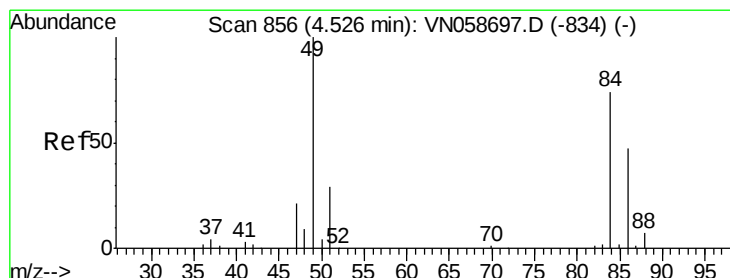
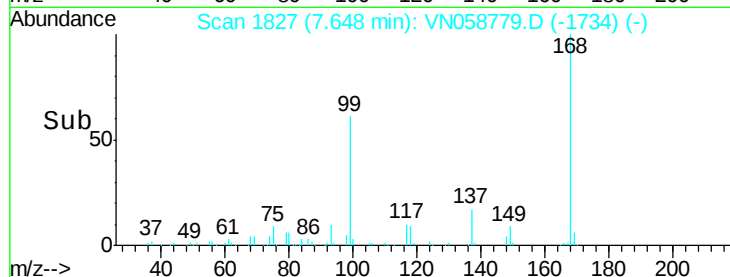
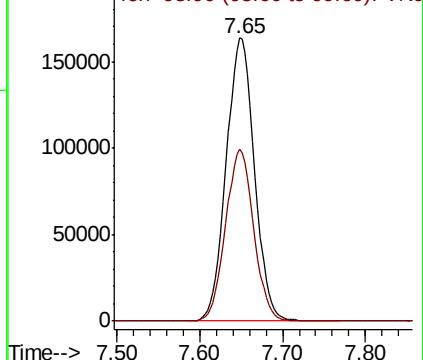
168 100

99 60.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 2.954 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058779.D

Acq: 15 Oct 2019 14:04

Tgt Ion: 84 Resp: 13886

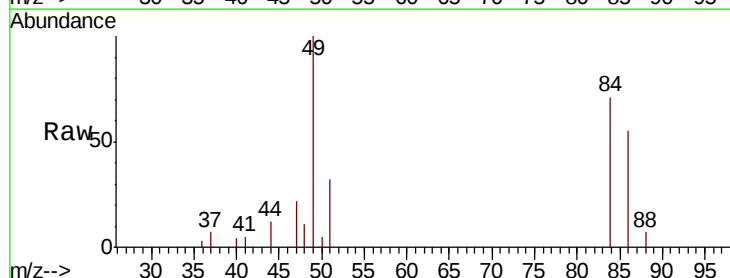
Ion Ratio Lower Upper

84 100

49 135.9 107.6 161.4

51 44.5 31.4 47.0

86 76.8 50.3 75.5#

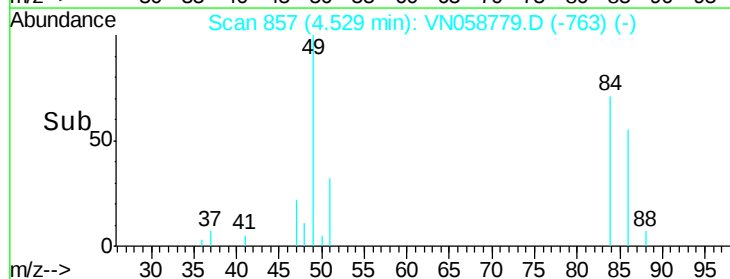
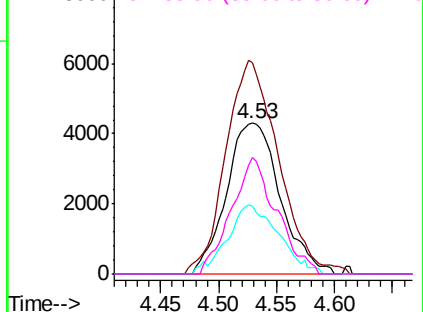


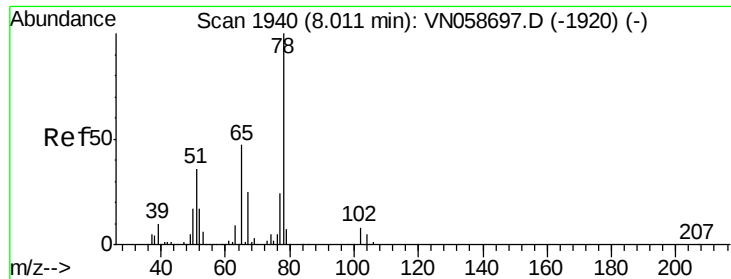
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 52.009 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058779.D

Acq: 15 Oct 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

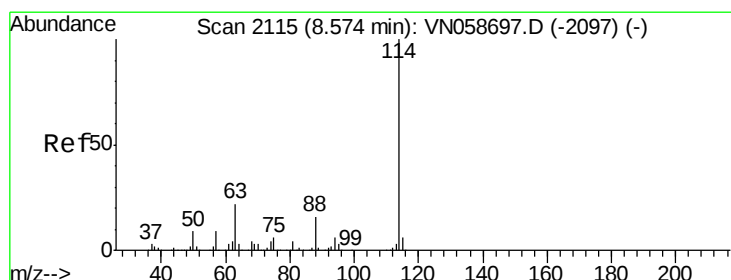
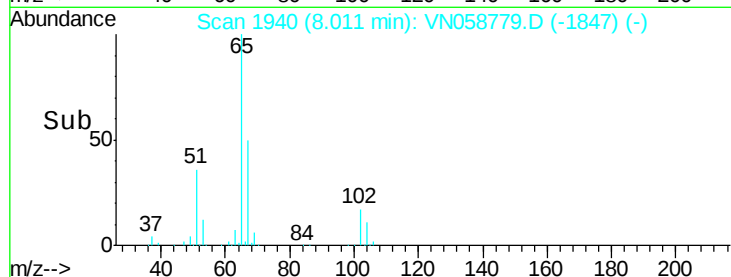
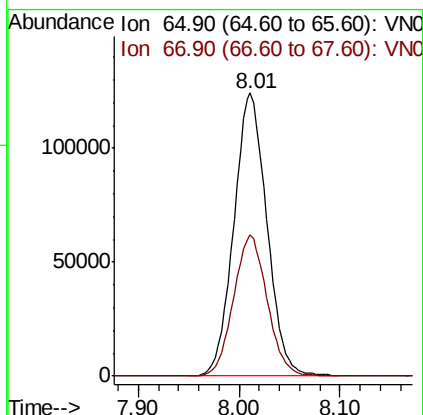
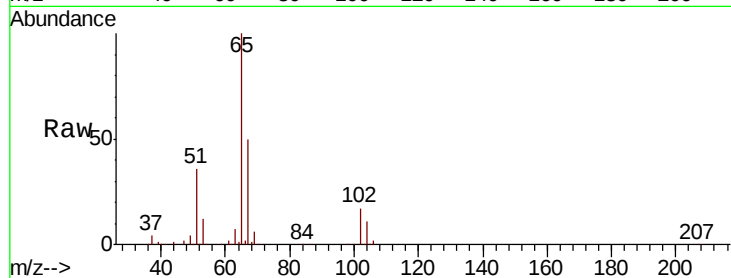
PB123953TB

Tot Ion: 65 Resp: 282531

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058779.D

Acq: 15 Oct 2019 14:04

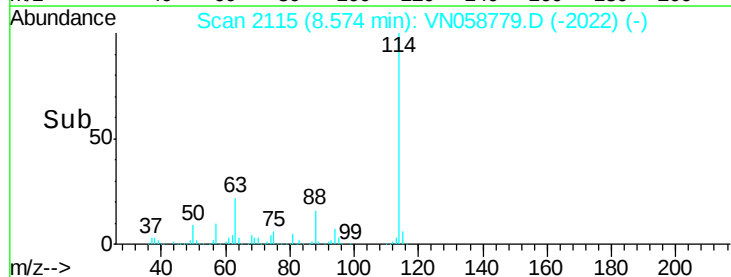
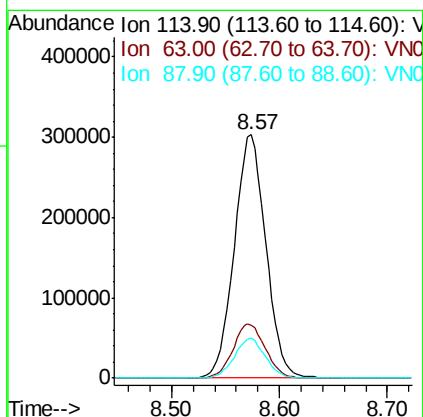
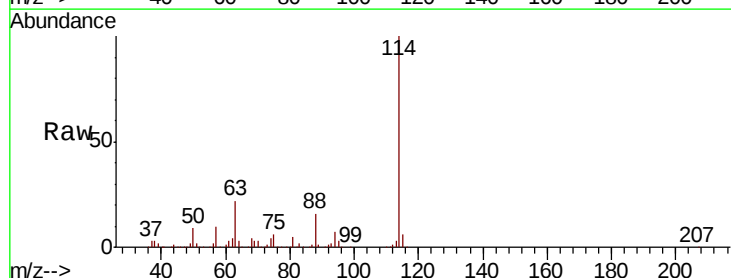
Tgt Ion: 114 Resp: 617786

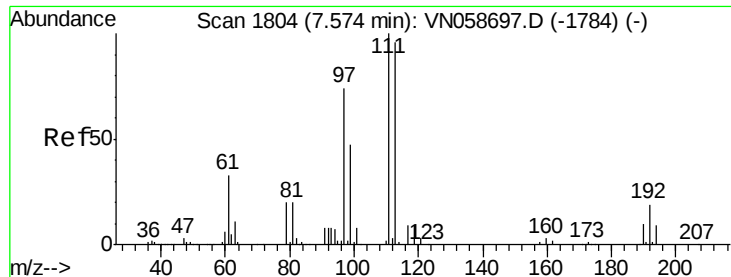
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

88 16.2 0.0 32.0

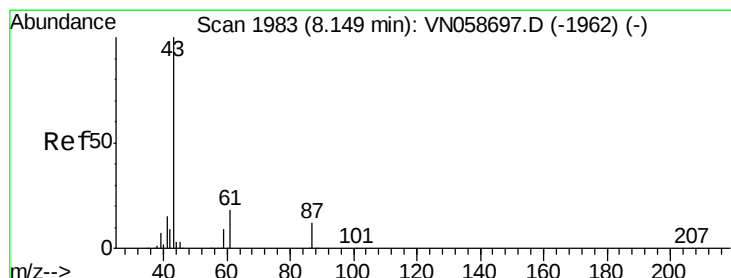
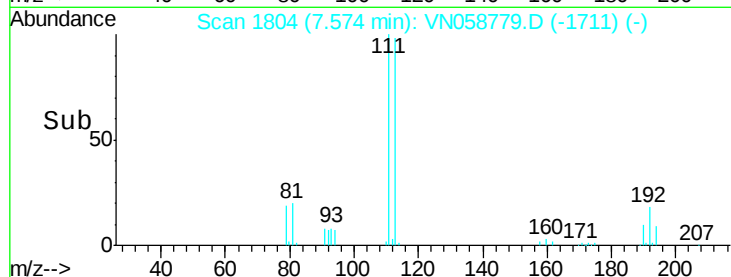
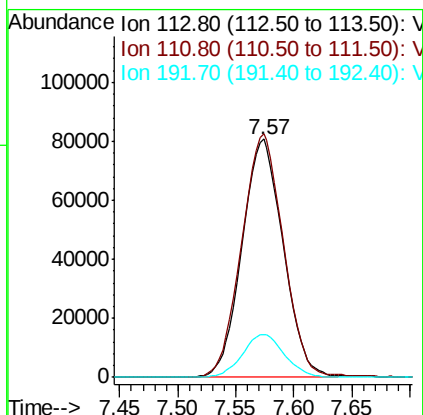
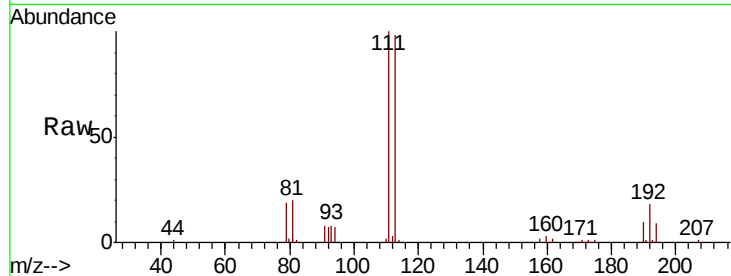




#35
 Dibromofluoromethane
 Concen: 52.386 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058779.D
 Acq: 15 Oct 2019 14:04

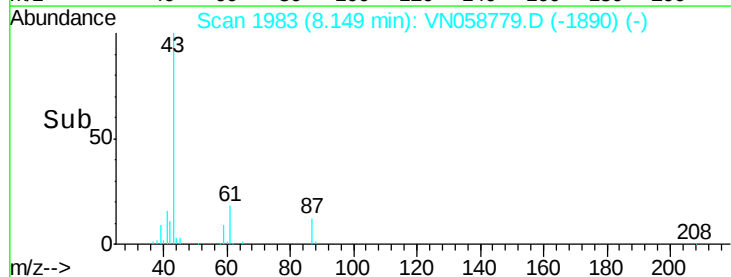
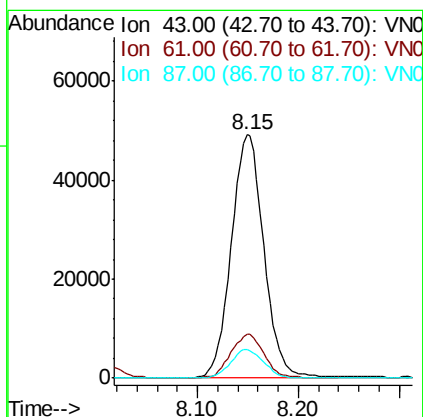
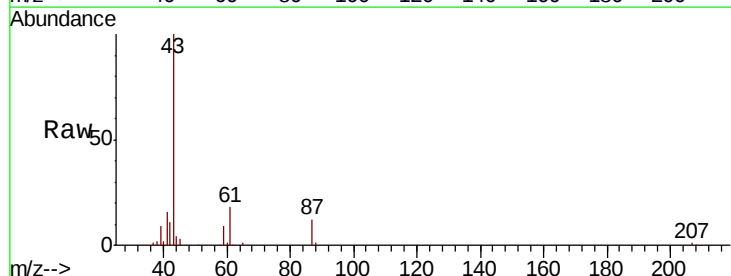
Instrument :
 MSVOA_N
 ClientSampled :
 PB123953TB

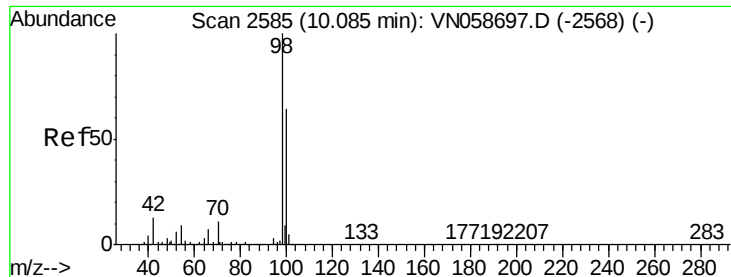
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.3	123.5
192	18.5	15.0	22.6



#43
 Isopropyl Acetate
 Concen: 10.254 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058779.D
 Acq: 15 Oct 2019 14:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.4	20.3	30.5#
87	11.8	9.8	14.6





#50

Toluene-d8

Concen: 51.966 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058779.D

Acq: 15 Oct 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

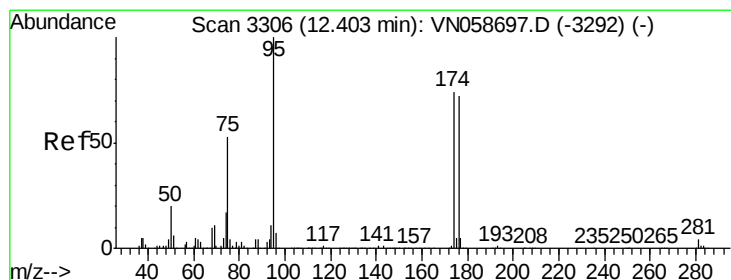
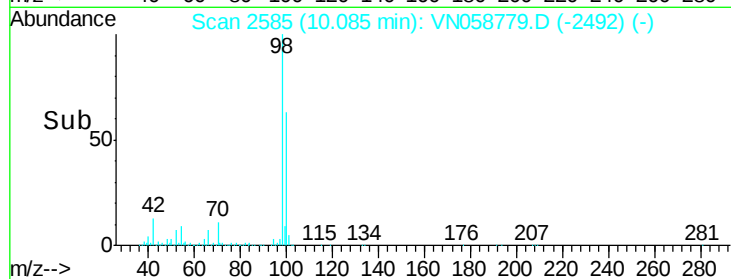
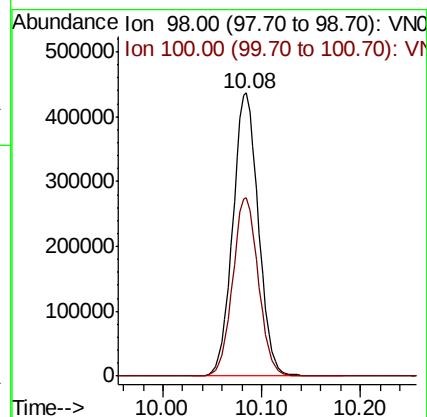
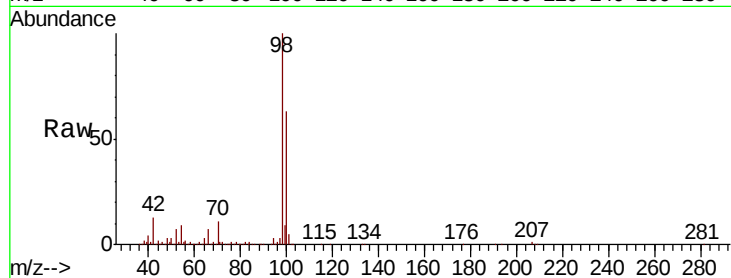
PB123953TB

Tot Ion: 98 Resp: 792969

Ion Ratio Lower Upper

98 100

100 62.9 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.555 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058779.D

Acq: 15 Oct 2019 14:04

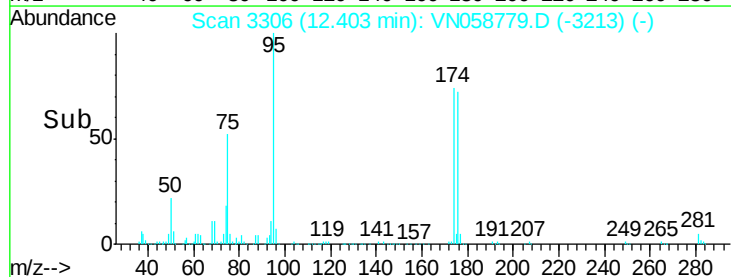
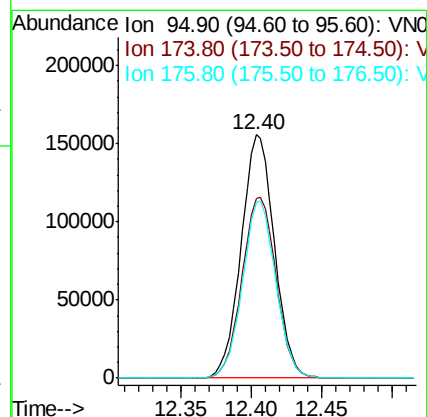
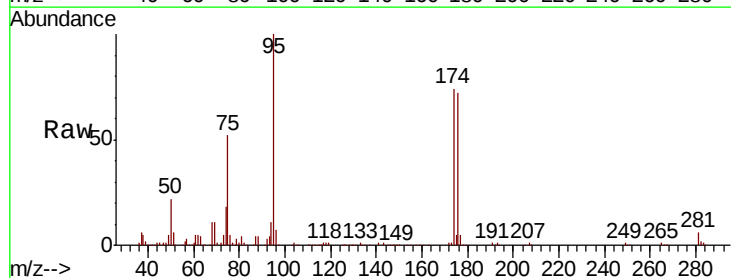
Tgt Ion: 95 Resp: 257354

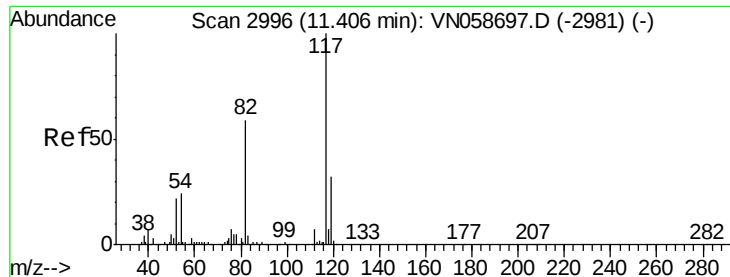
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.4

176 73.0 0.0 146.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058779.D

Acq: 15 Oct 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB123953TB

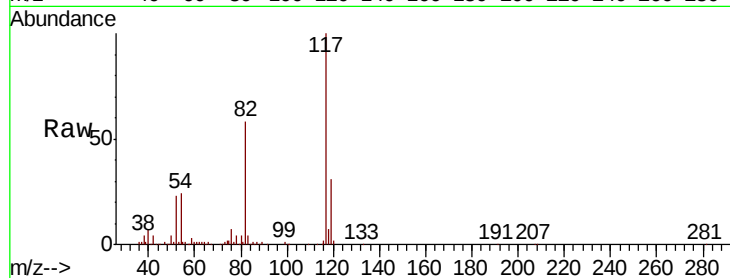
Tot Ion:117 Resp: 570717

Ion Ratio Lower Upper

117 100

82 57.8 47.0 70.4

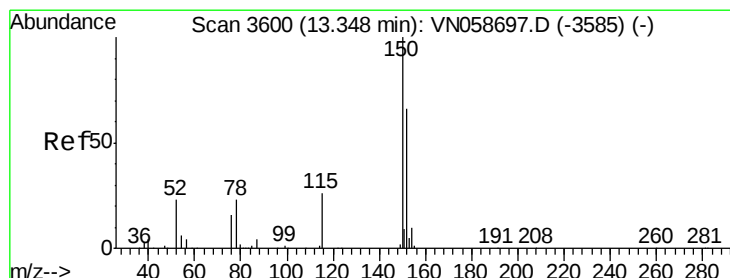
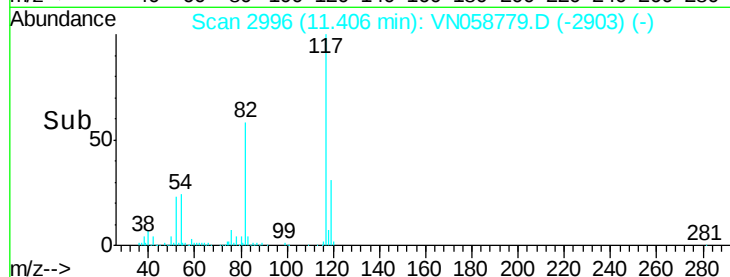
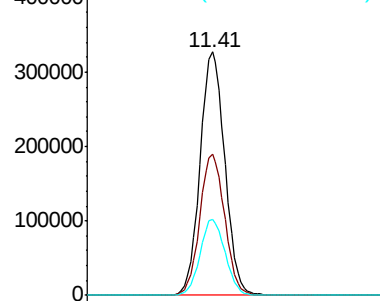
119 31.3 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058779.D

Acq: 15 Oct 2019 14:04

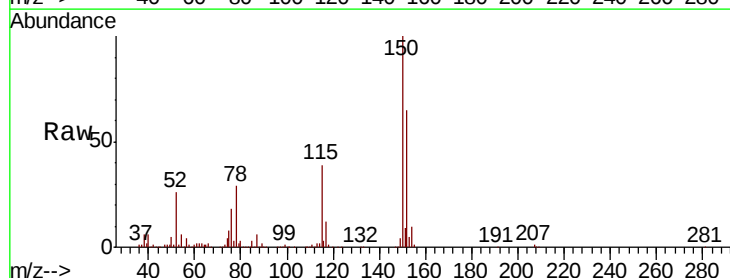
Tgt Ion:152 Resp: 217264

Ion Ratio Lower Upper

152 100

115 61.5 30.4 91.2

150 155.8 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

