

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030620\
 Data File : VN060383.D
 Acq On : 6 Mar 2020 16:13
 Operator : JC/MD
 Sample : PB127296ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127296ZHE#02

Quant Time: Mar 07 04:01:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

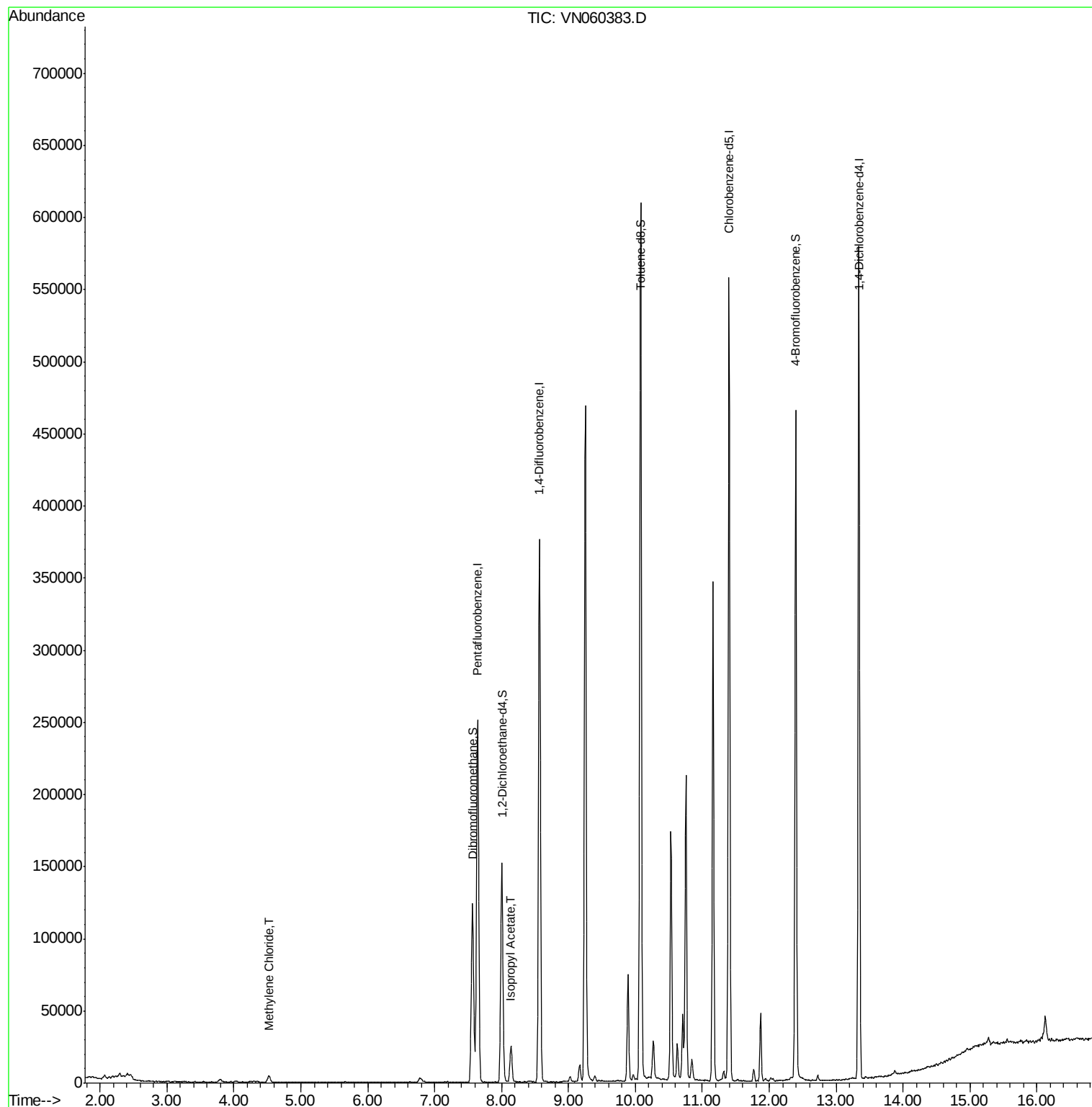
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	334707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	316844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130259	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
35) Dibromofluoromethane	7.56	113	93456	60.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.30%	
50) Toluene-d8	10.08	98	414146	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.40	95	156185	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
Target Compounds						
20) Methylene Chloride	4.52	84	3241	1.397	ug/l	96
43) Isopropyl Acetate	8.14	43	30070	5.687	ug/l #	89

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

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060383.D

Acq: 6 Mar 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

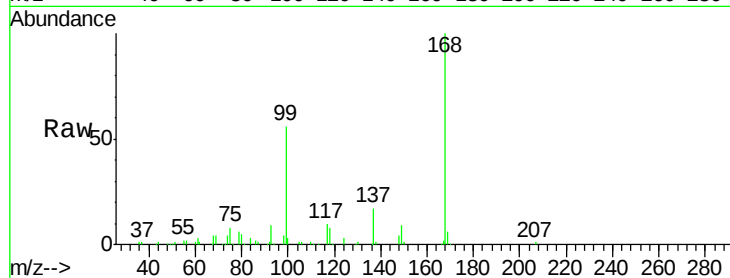
PB127296ZHE#02

Tot Ion:168 Resp: 203846

Ion Ratio Lower Upper

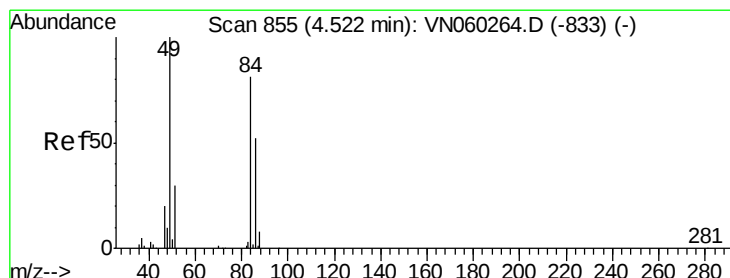
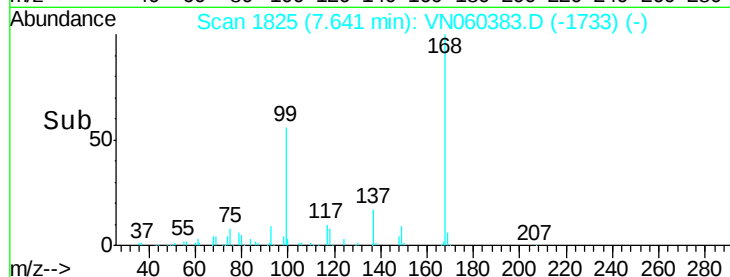
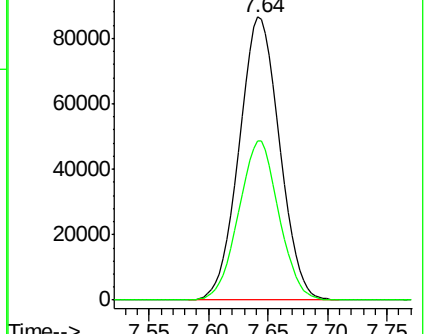
168 100

99 56.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.397 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN060383.D

Acq: 6 Mar 2020 16:13

Tgt Ion: 84 Resp: 3241

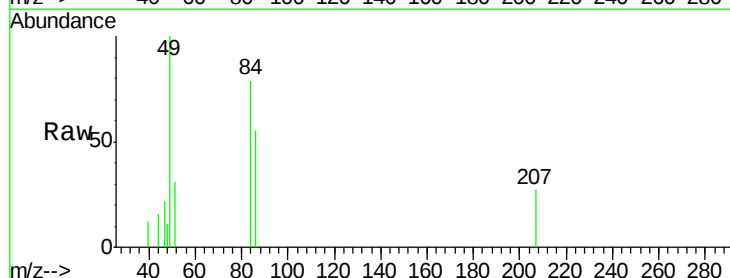
Ion Ratio Lower Upper

84 100

49 126.8 99.3 148.9

51 38.8 30.1 45.1

86 70.1 51.1 76.7

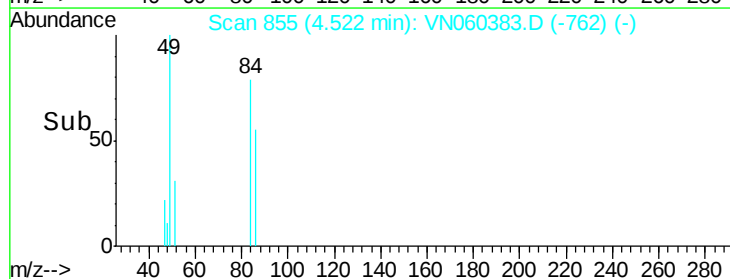
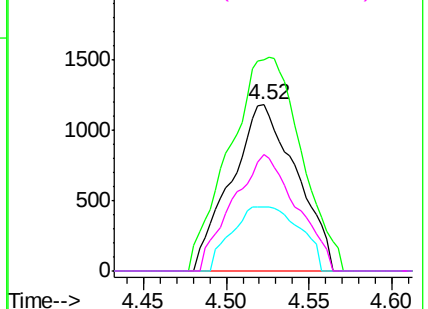


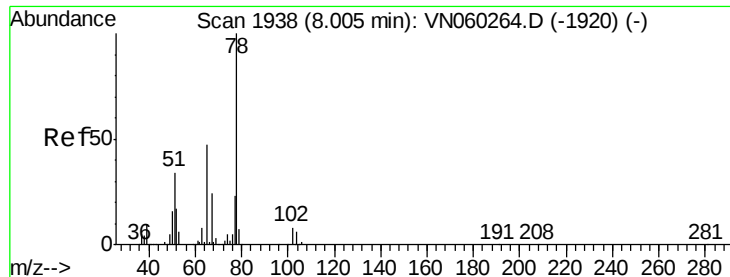
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

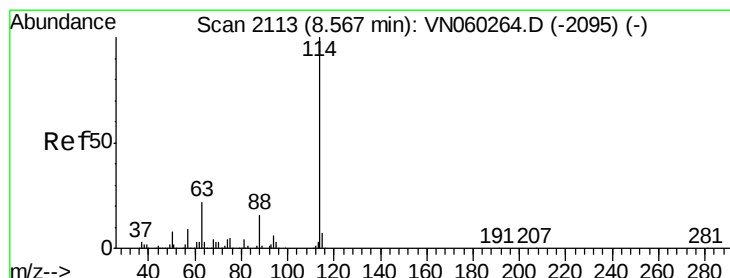
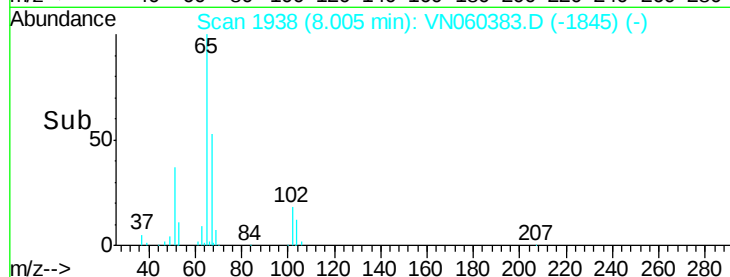
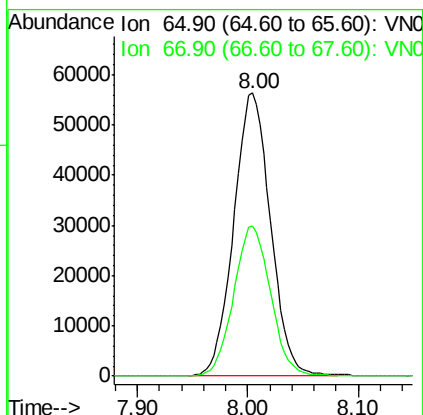
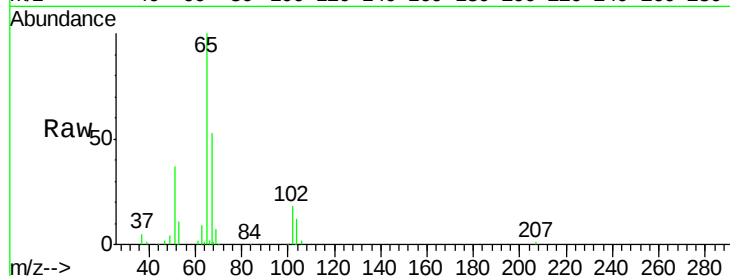




#33
 1,2-Dichloroethane-d4
 Concen: 49.805 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060383.D
 Acq: 6 Mar 2020 16:13

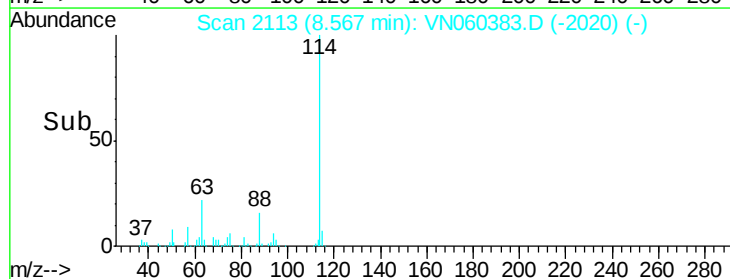
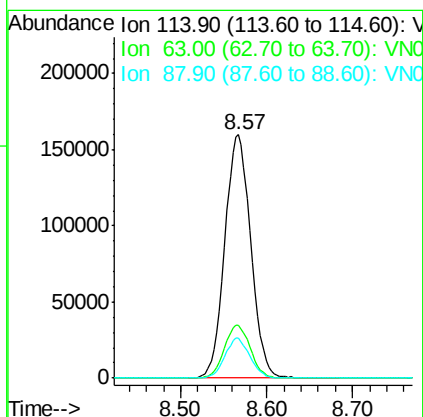
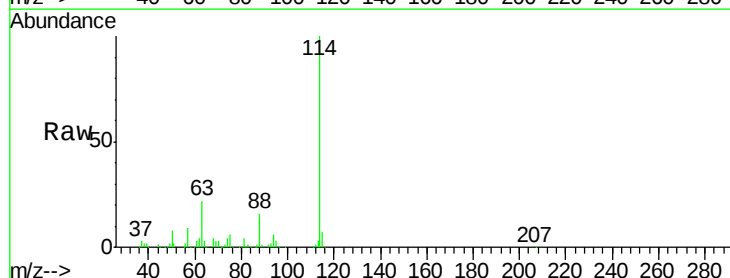
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127296ZHE#02

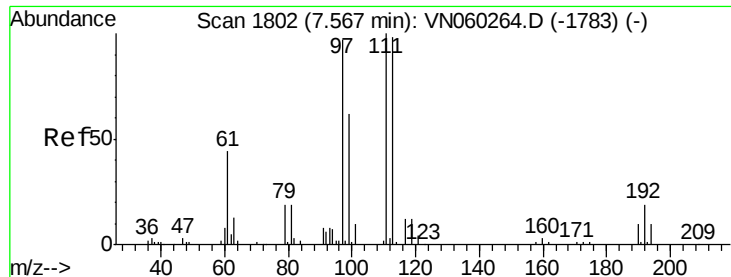
Tot Ion: 65 Resp: 130259
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060383.D
 Acq: 6 Mar 2020 16:13

Tgt Ion: 114 Resp: 334707
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 60.154 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060383.D

Acq: 6 Mar 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

PB127296ZHE#02

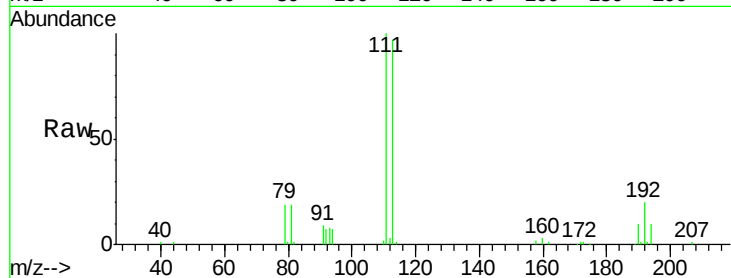
Tot Ion:113 Resp: 93456

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

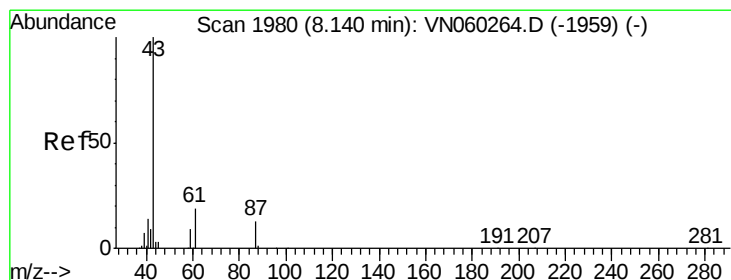
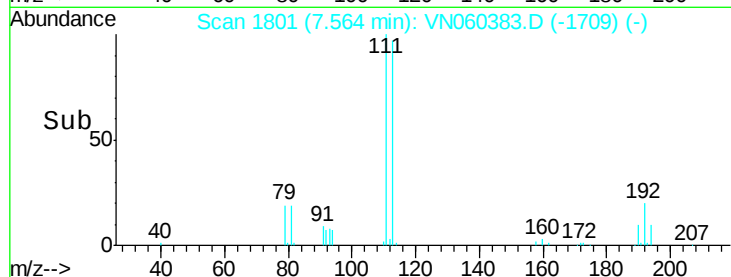
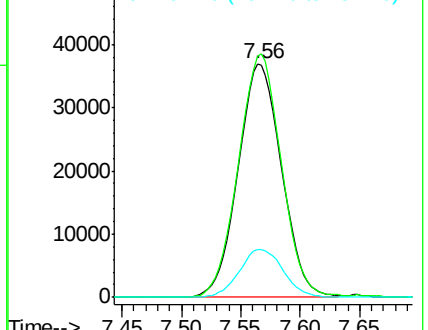
192 20.6 16.2 24.2



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: 5.687 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060383.D

Acq: 6 Mar 2020 16:13

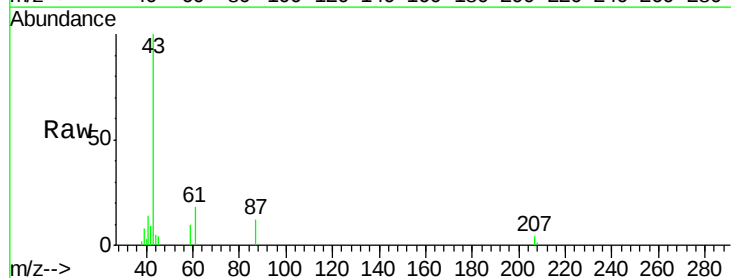
Tgt Ion: 43 Resp: 30070

Ion Ratio Lower Upper

43 100

61 18.7 20.9 31.3#

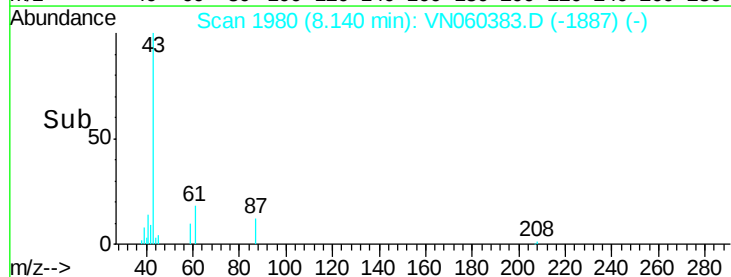
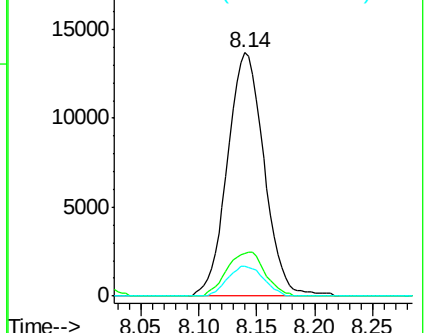
87 11.9 10.6 16.0

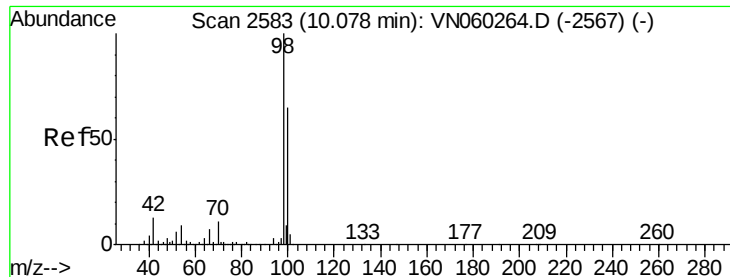


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 52.670 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060383.D

Acq: 6 Mar 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

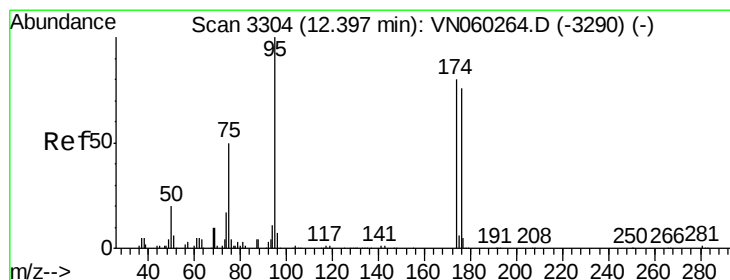
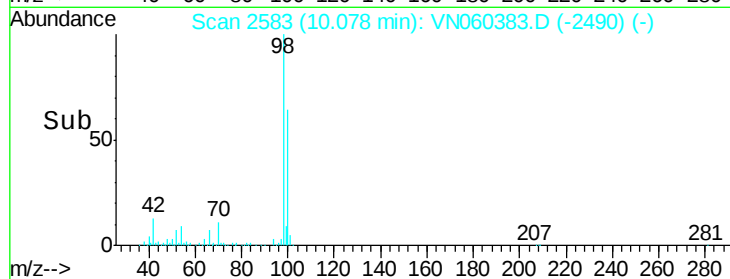
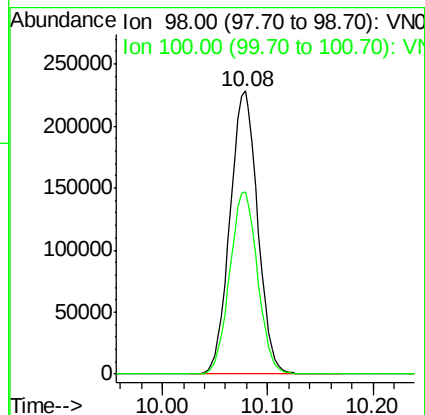
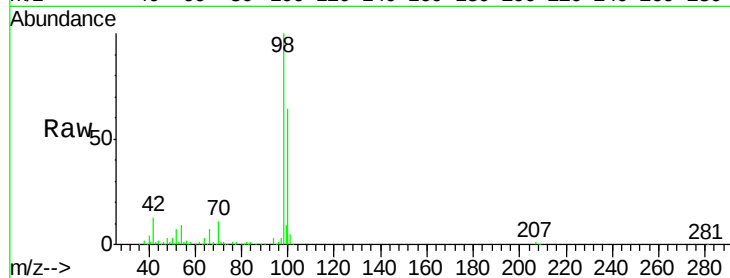
PB127296ZHE#02

Tot Ion: 98 Resp: 414146

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 52.399 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060383.D

Acq: 6 Mar 2020 16:13

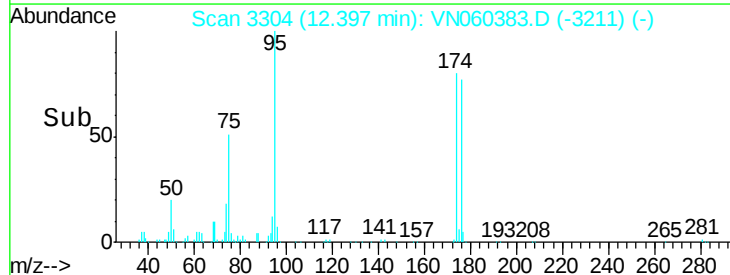
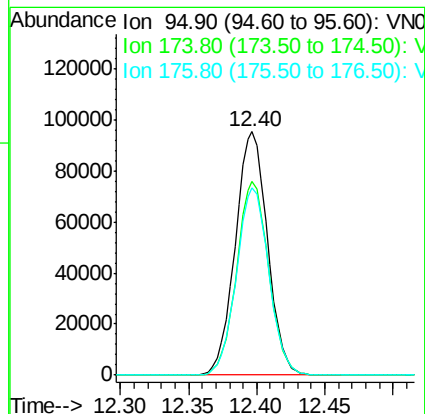
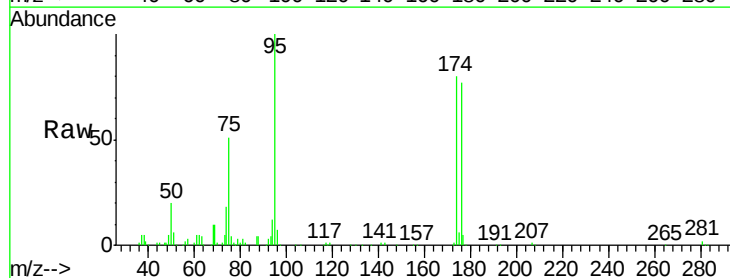
Tgt Ion: 95 Resp: 156185

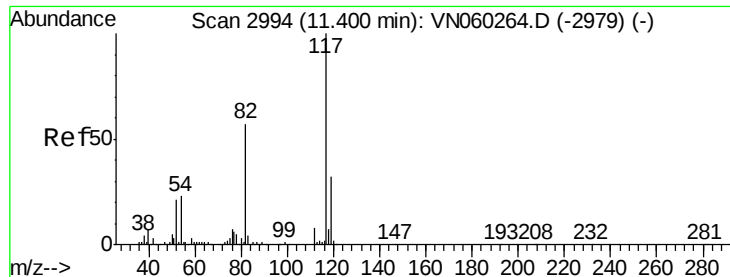
Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.2

176 77.3 0.0 153.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060383.D

Acq: 6 Mar 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

PB127296ZHE#02

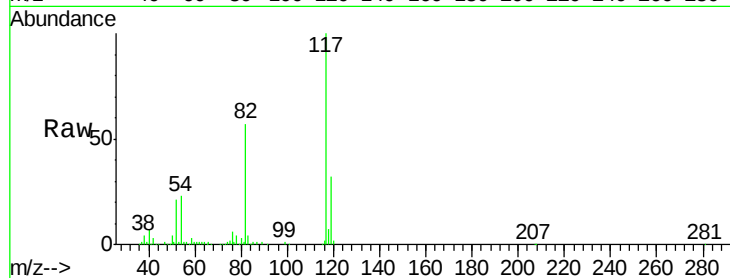
Tot Ion:117 Resp: 316844

Ion Ratio Lower Upper

117 100

82 56.9 45.8 68.6

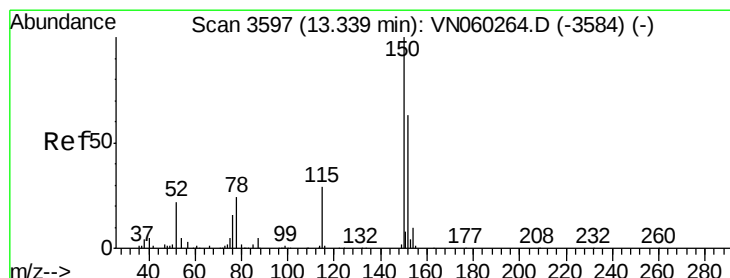
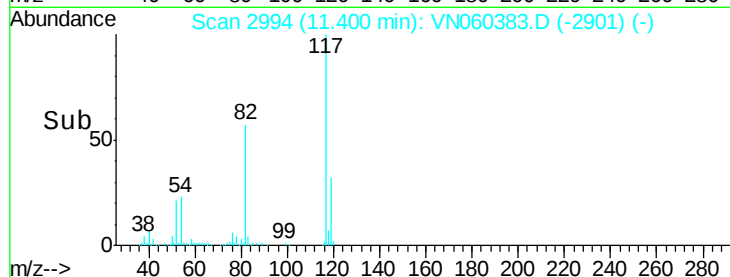
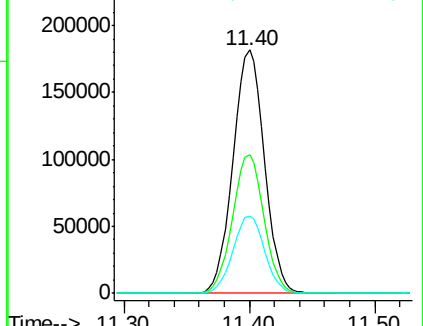
119 31.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060383.D

Acq: 6 Mar 2020 16:13

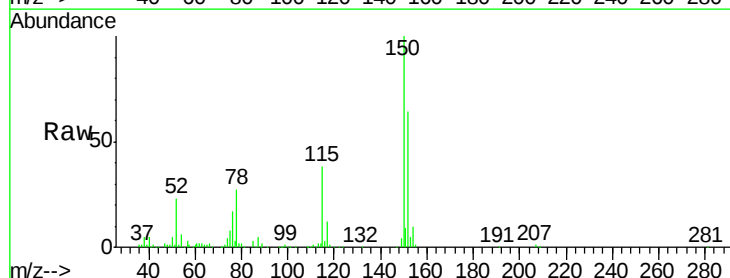
Tgt Ion:152 Resp: 150463

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 156.6 0.0 349.6



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

