

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021020\
 Data File : VN060047.D
 Acq On : 10 Feb 2020 15:33
 Operator : JC/MD
 Sample : PB126661ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126661ZHE#14

Quant Time: Feb 11 07:46:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

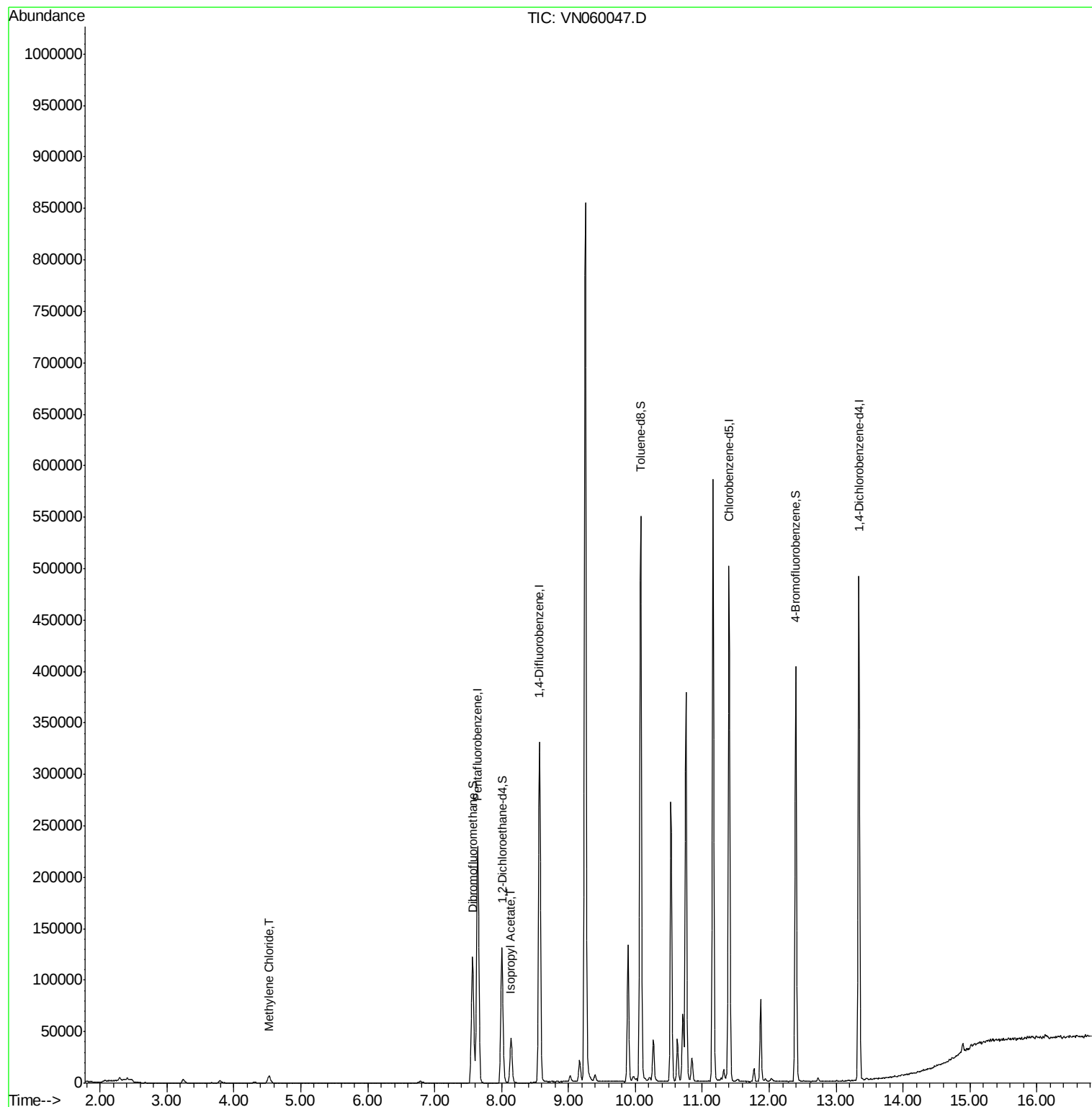
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	306119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	288921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	114858	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
35) Dibromofluoromethane	7.57	113	94179	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
50) Toluene-d8	10.08	98	373965	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.40	95	136683	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
Target Compounds						
20) Methylene Chloride	4.53	84	5736	1.656	ug/l	94
43) Isopropyl Acetate	8.14	43	52022	12.096	ug/l #	90

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

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QLast Update : Sat Jan 18 03:09:32 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060047.D

Acq: 10 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

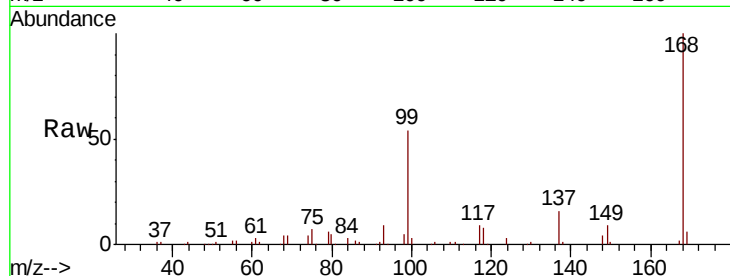
PB126661ZHE#14

Tot Ion:168 Resp: 196382

Ion Ratio Lower Upper

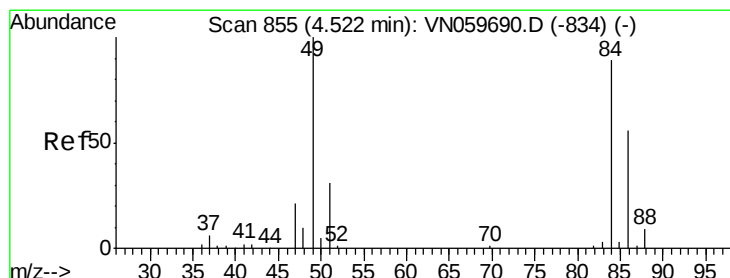
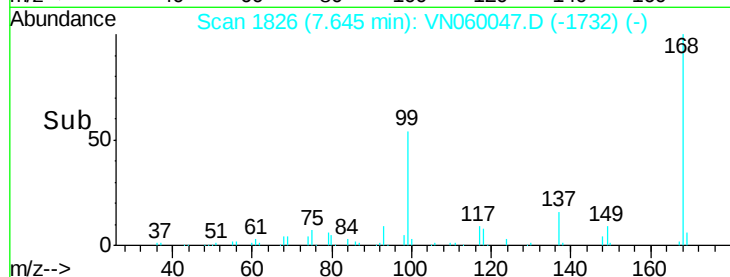
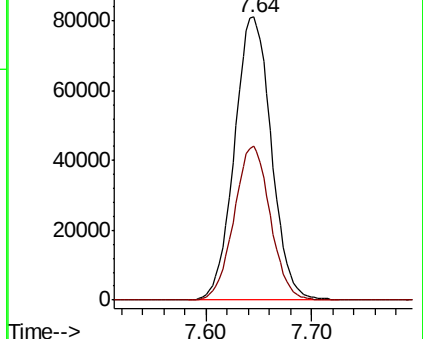
168 100

99 54.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#20

Methylene Chloride

Concen: 1.656 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060047.D

Acq: 10 Feb 2020 15:33

Tgt Ion: 84 Resp: 5736

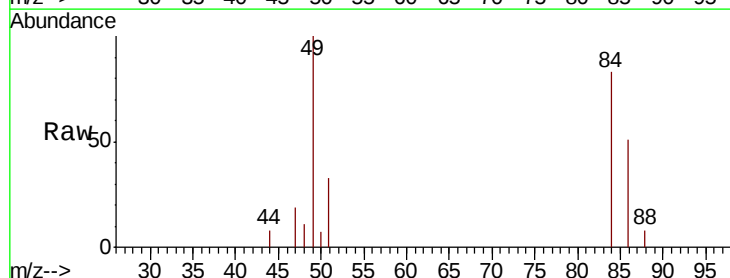
Ion Ratio Lower Upper

84 100

49 120.9 106.6 160.0

51 39.9 31.9 47.9

86 62.0 50.8 76.2

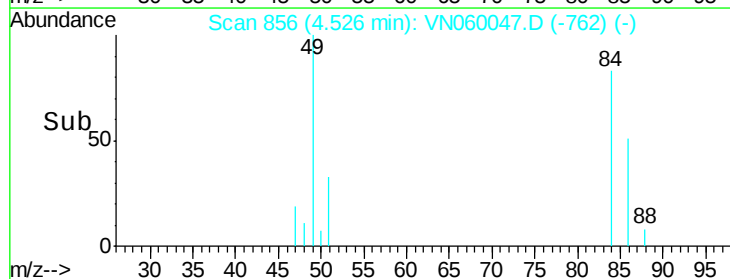
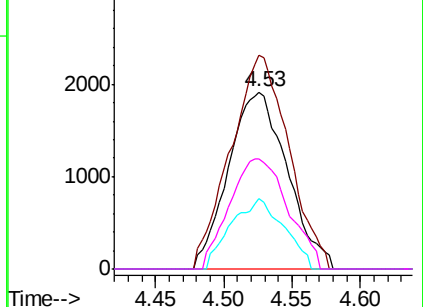


Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

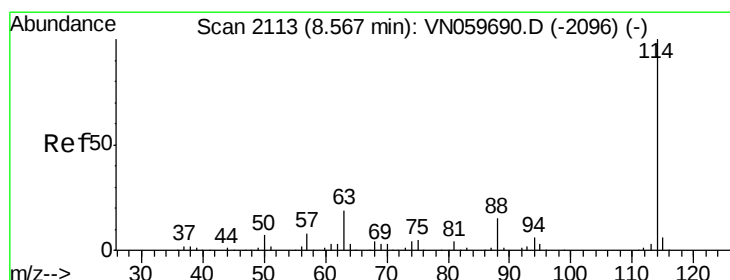
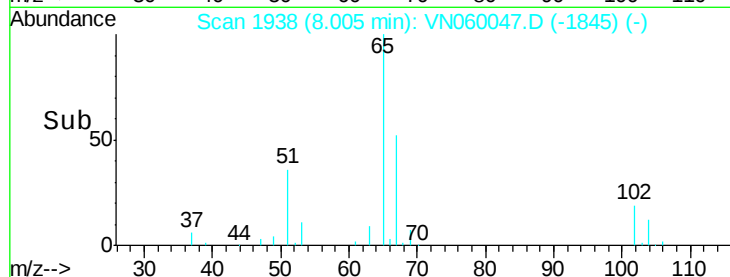
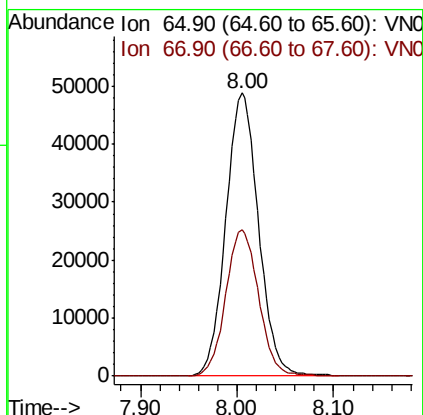
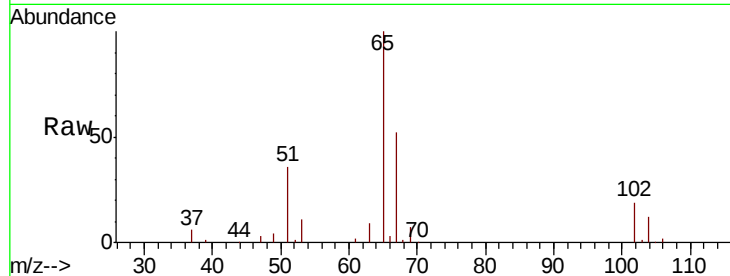




#33
 1,2-Dichloroethane-d4
 Concen: 52.666 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060047.D
 Acq: 10 Feb 2020 15:33

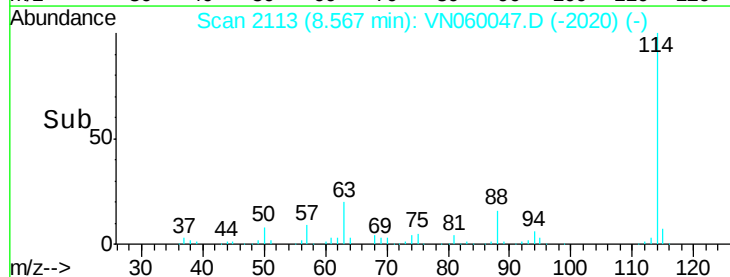
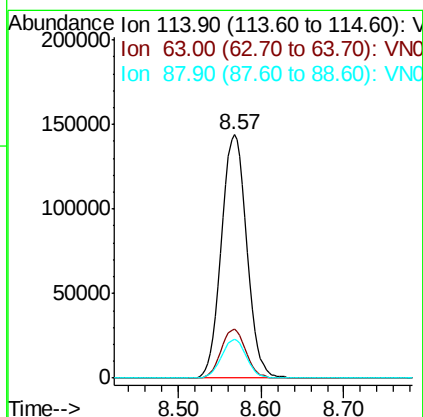
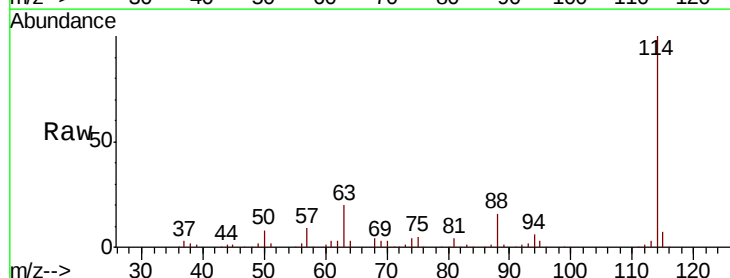
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126661ZHE#14

Tot Ion: 65 Resp: 114858
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060047.D
 Acq: 10 Feb 2020 15:33

Tgt Ion: 114 Resp: 306119
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.6
 88 16.0 0.0 31.4

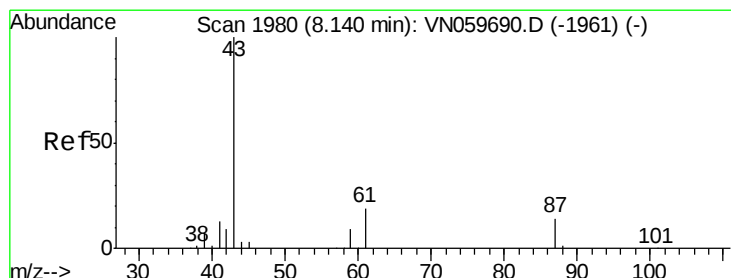
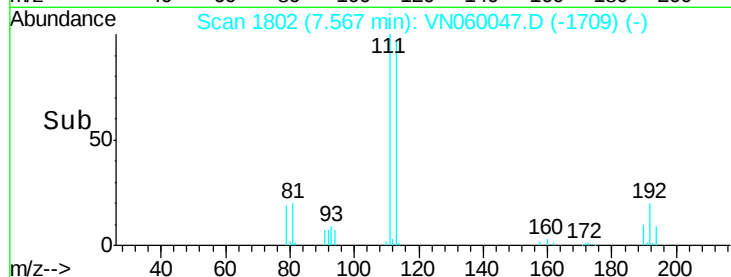
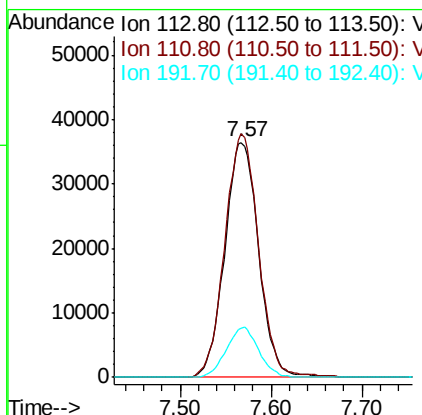
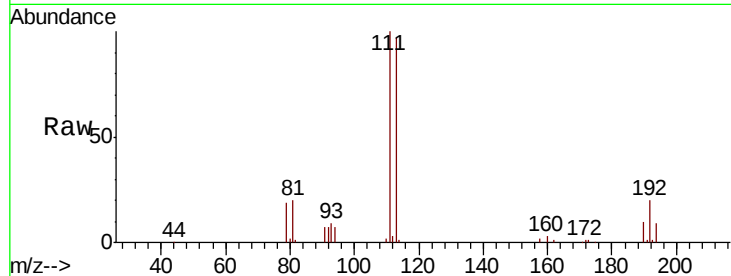




#35
 Dibromofluoromethane
 Concen: 51.590 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060047.D
 Acq: 10 Feb 2020 15:33

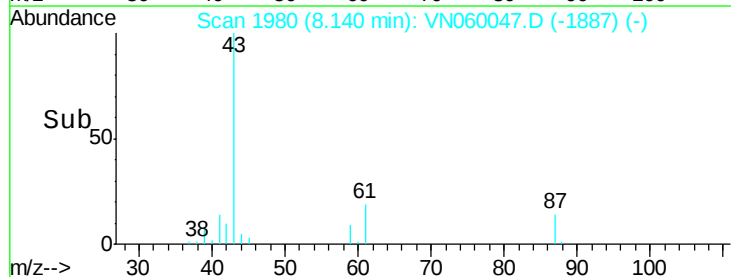
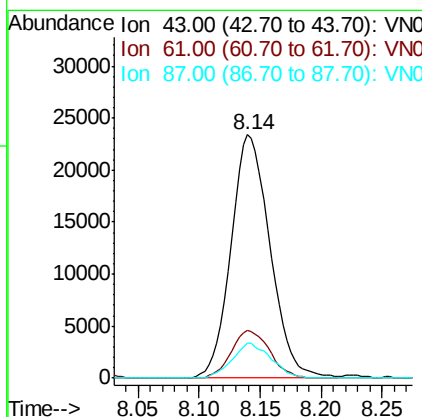
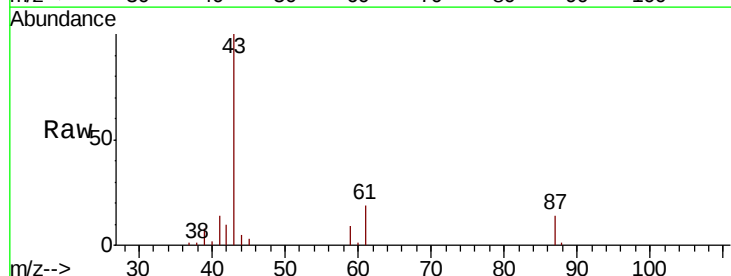
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126661ZHE#14

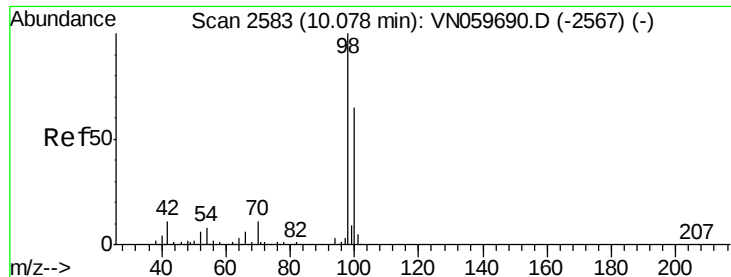
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.5	125.3
192	20.3	15.4	23.2



#43
 Isopropyl Acetate
 Concen: 12.096 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060047.D
 Acq: 10 Feb 2020 15:33

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	20.2	30.2#
87	14.1	9.5	14.3





#50

Toluene-d8

Concen: 52.872 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060047.D

Acq: 10 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

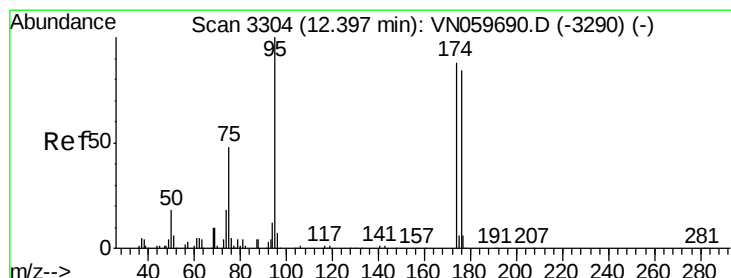
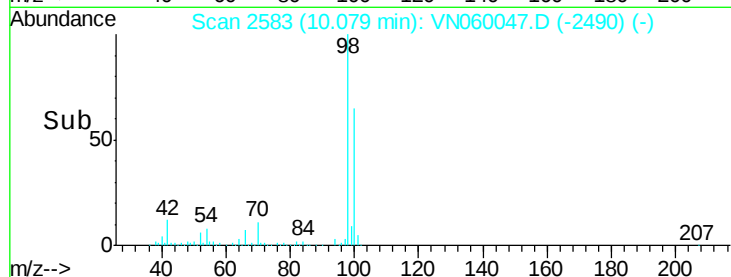
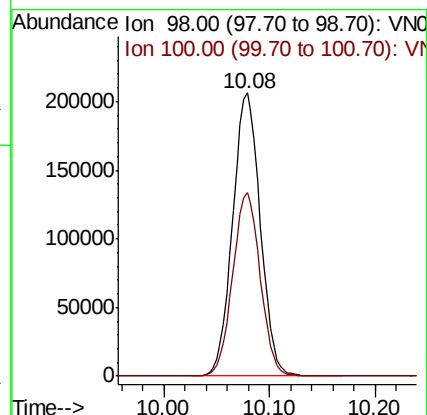
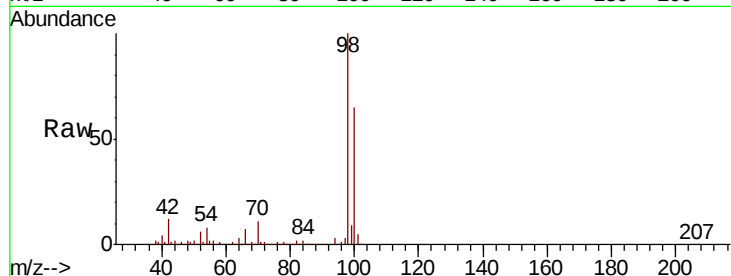
PB126661ZHE#14

Tot Ion: 98 Resp: 373965

Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 53.605 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060047.D

Acq: 10 Feb 2020 15:33

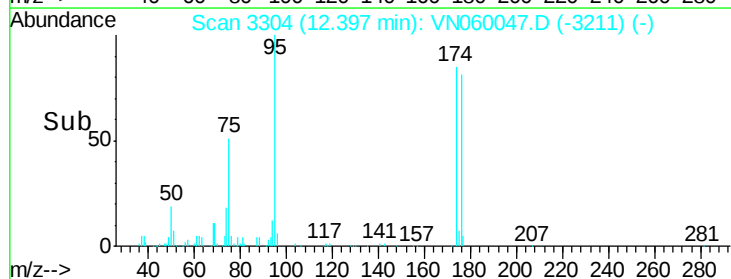
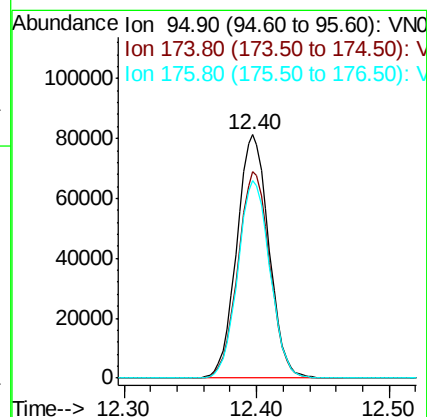
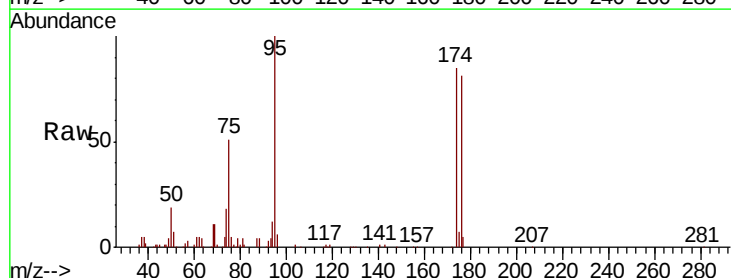
Tgt Ion: 95 Resp: 136683

Ion Ratio Lower Upper

95 100

174 84.3 0.0 151.4

176 81.3 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060047.D

Acq: 10 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

PB126661ZHE#14

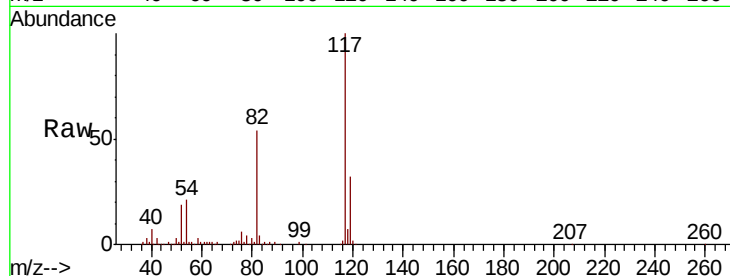
Tot Ion:117 Resp: 288921

Ion Ratio Lower Upper

117 100

82 54.3 45.9 68.9

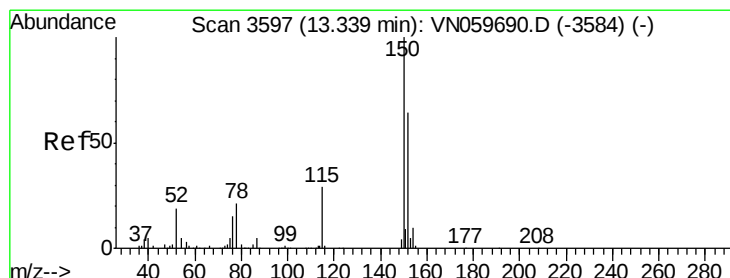
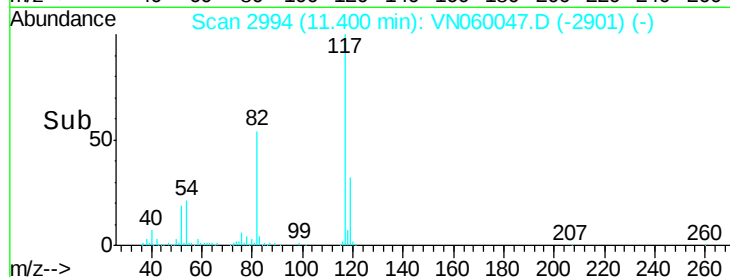
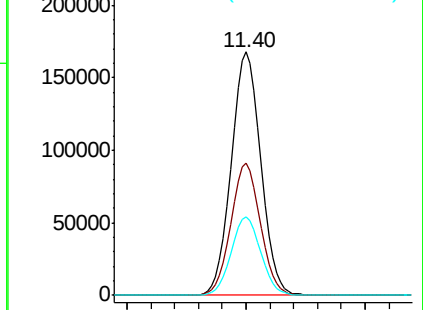
119 32.3 25.5 38.3



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: VN060047.D

Acq: 10 Feb 2020 15:33

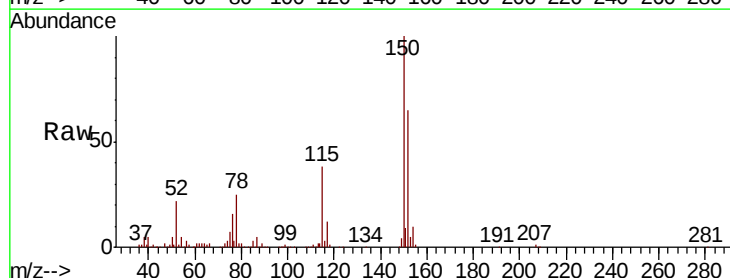
Tgt Ion:152 Resp: 132639

Ion Ratio Lower Upper

152 100

115 58.7 30.3 90.9

150 156.9 0.0 345.2



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

