

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032020\
 Data File : VN060654.D
 Acq On : 20 Mar 2020 15:48
 Operator : JC/MD
 Sample : PB127692ZHE#11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127692ZHE#11

Quant Time: Mar 21 04:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138341	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	123895	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
35) Dibromofluoromethane	7.57	113	92503	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	10.08	98	384400	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	147788	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

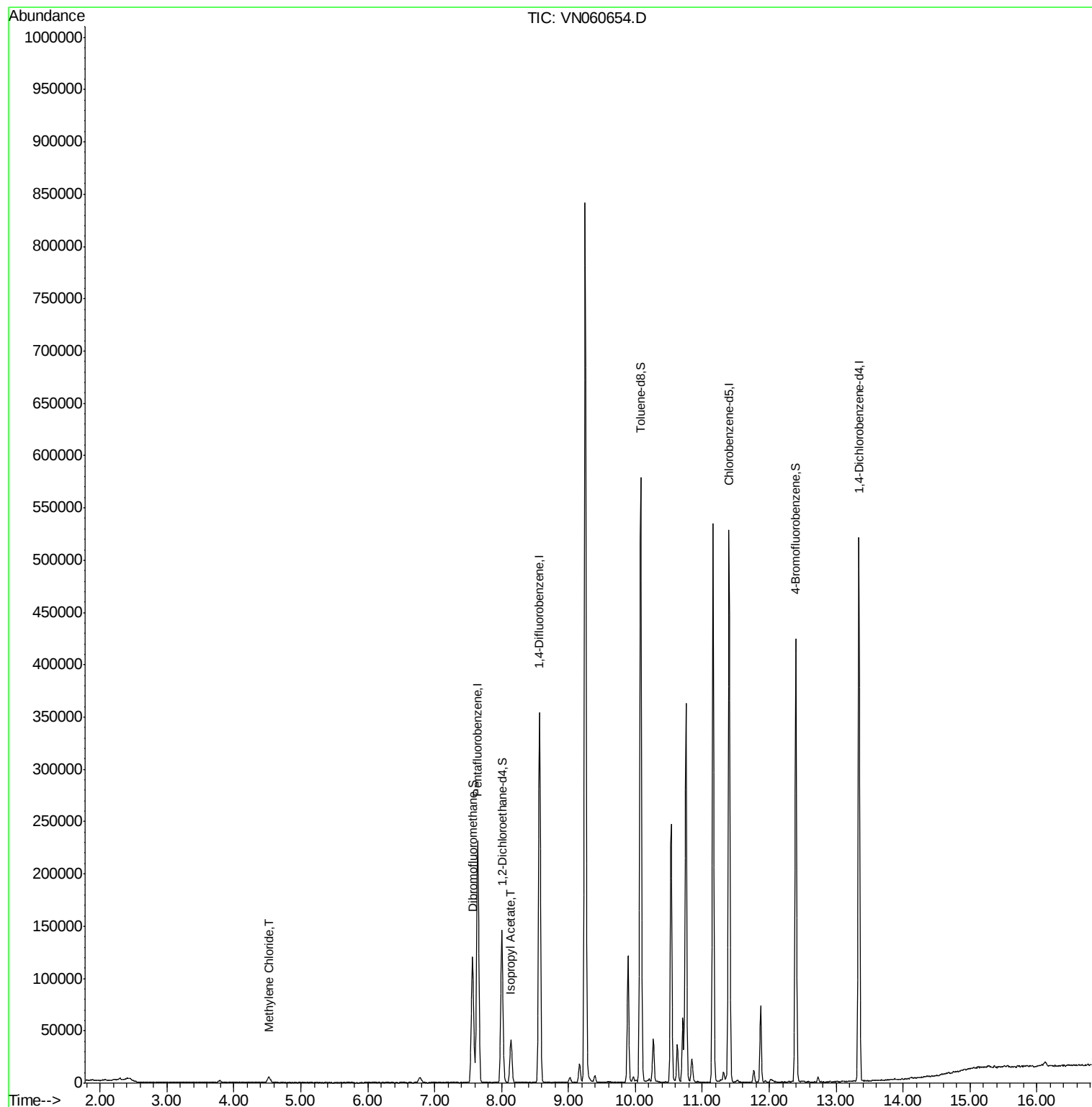
Target Compounds						Qvalue
20) Methylene Chloride	4.52	84	4506	2.01	ug/l	91
43) Isopropyl Acetate	8.14	43	50046	9.28	ug/l	# 91

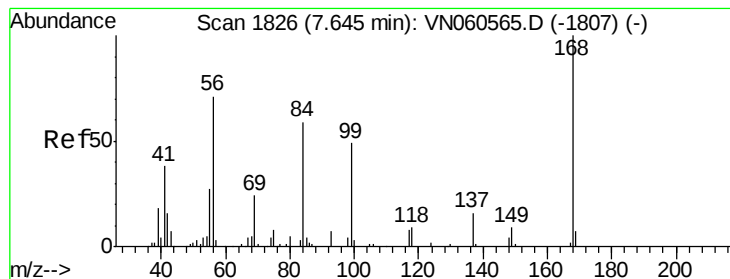
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060654.D

Acq: 20 Mar 2020 15:48

Instrument :

MSVOA_N

ClientSampleId :

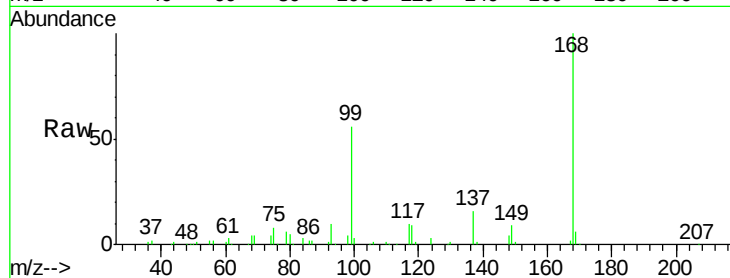
PB127692ZHE#11

Tgt Ion:168 Resp: 187691

Ion Ratio Lower Upper

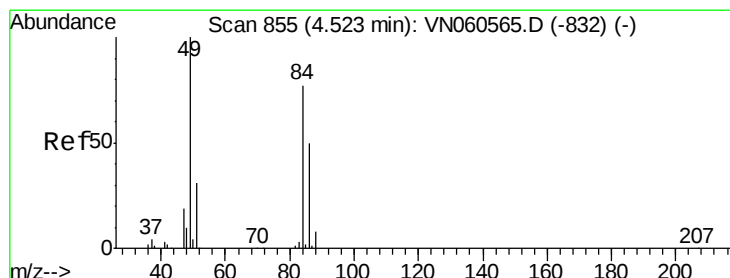
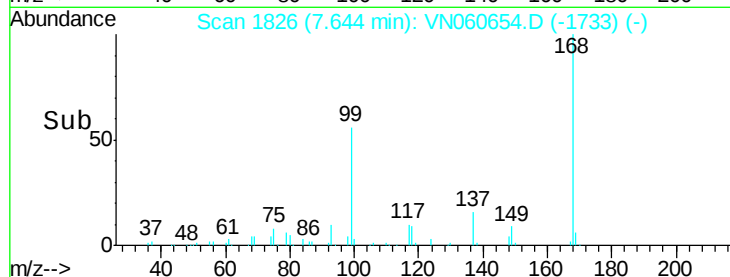
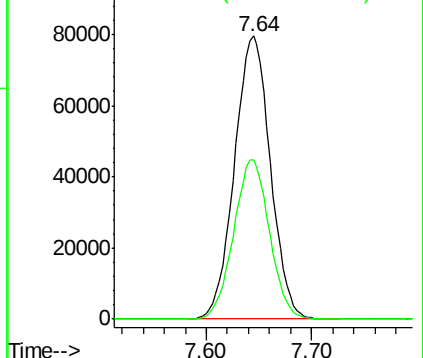
168 100

99 56.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 2.01 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060654.D

Acq: 20 Mar 2020 15:48

Tgt Ion: 84 Resp: 4506

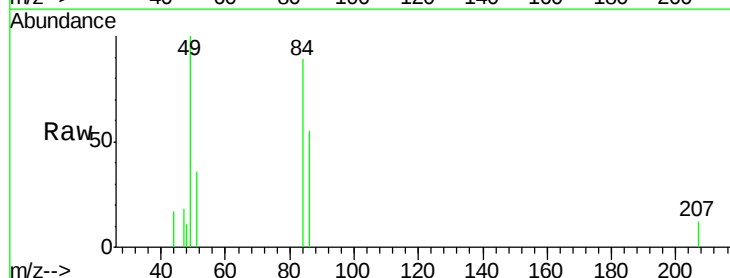
Ion Ratio Lower Upper

84 100

49 112.3 103.3 154.9

51 40.9 31.6 47.4

86 61.9 52.0 78.0

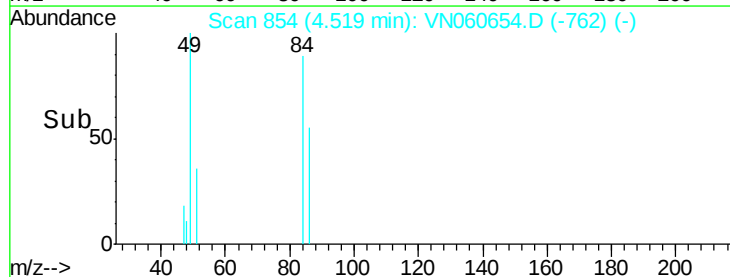
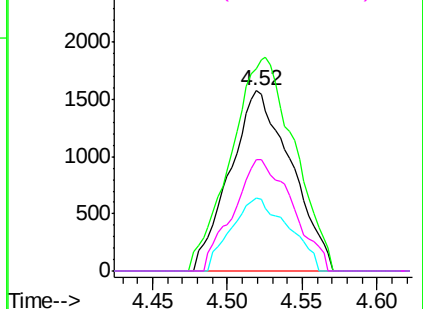


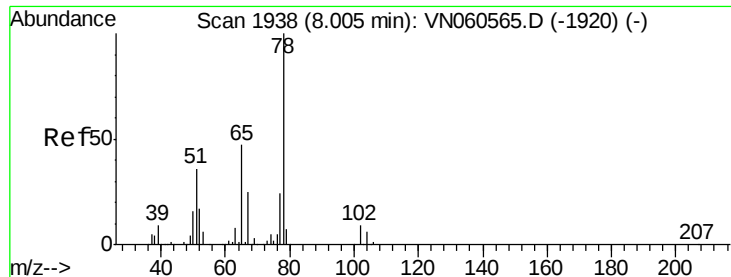
Abundance Ion 83.90 (83.60 to 84.60): VNO

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: 48.09 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060654.D

Acq: 20 Mar 2020 15:48

Instrument :

MSVOA_N

ClientSampleId :

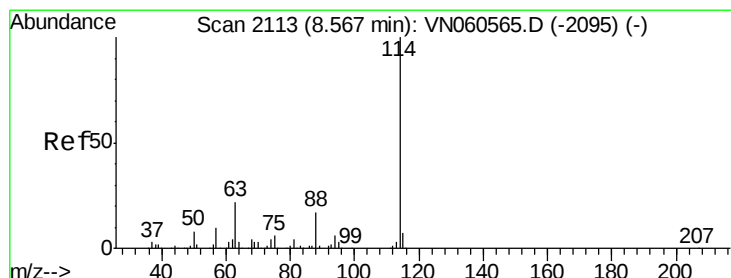
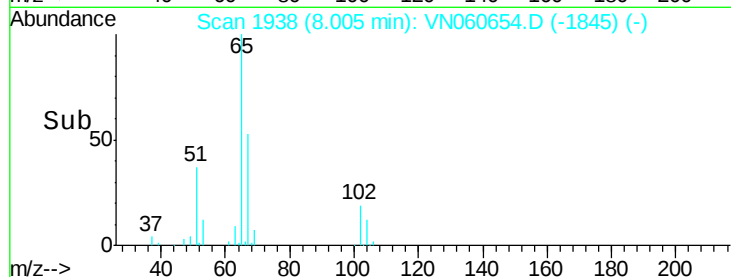
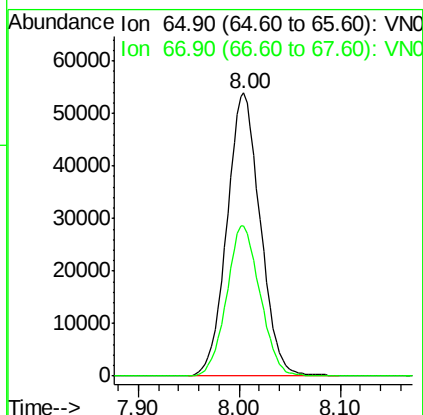
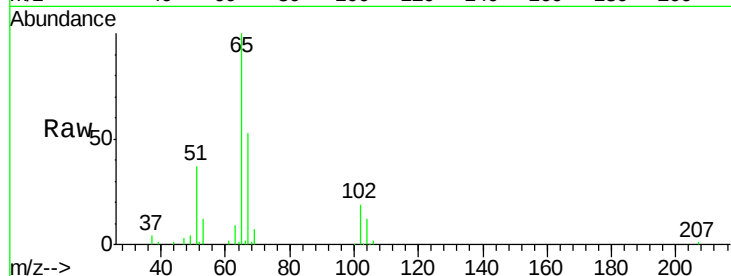
PB127692ZHE#11

Tgt Ion: 65 Resp: 123895

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060654.D

Acq: 20 Mar 2020 15:48

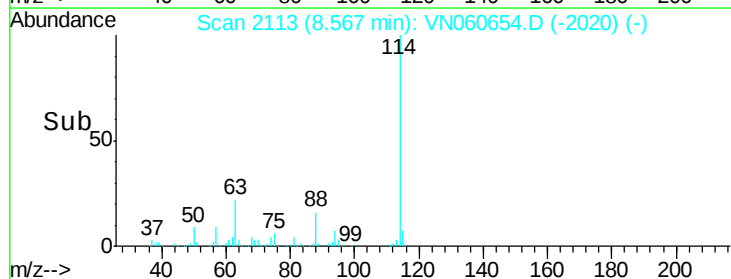
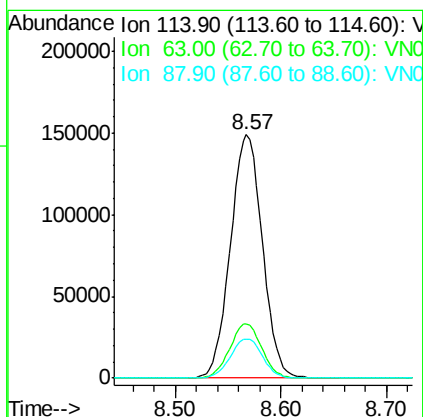
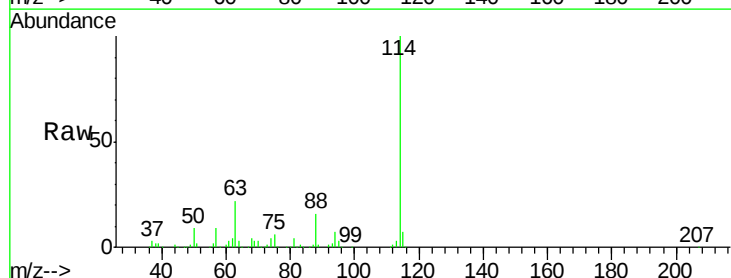
Tgt Ion: 114 Resp: 312621

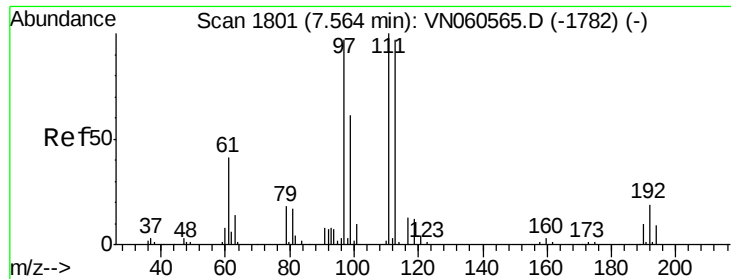
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

88 16.0 0.0 33.0

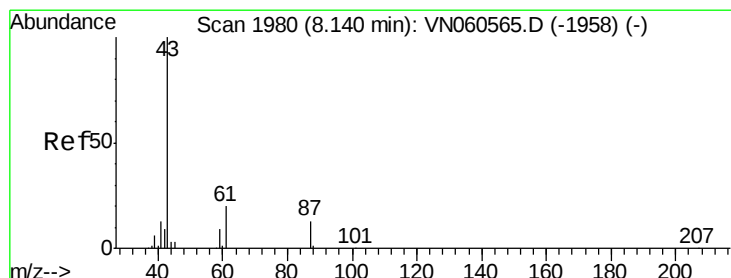
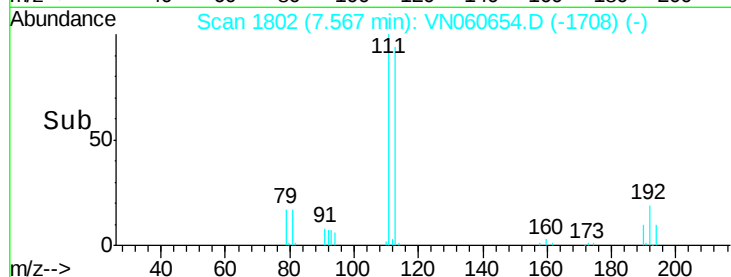
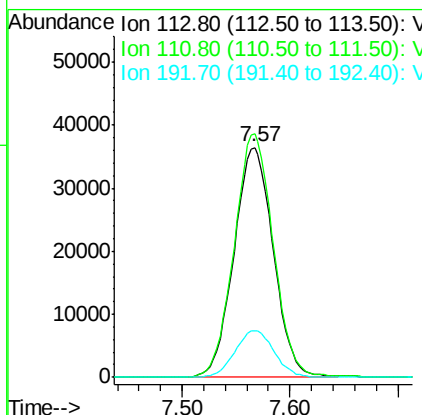
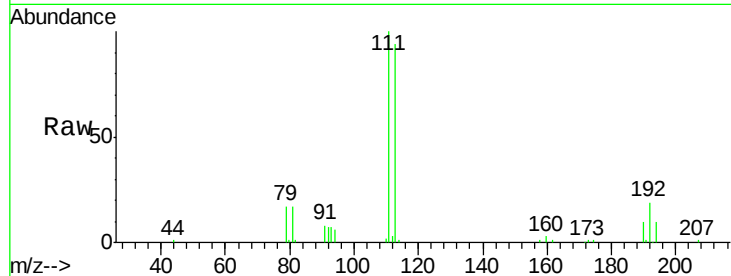




#35
 Dibromofluoromethane
 Concen: 48.94 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060654.D
 Acq: 20 Mar 2020 15:48

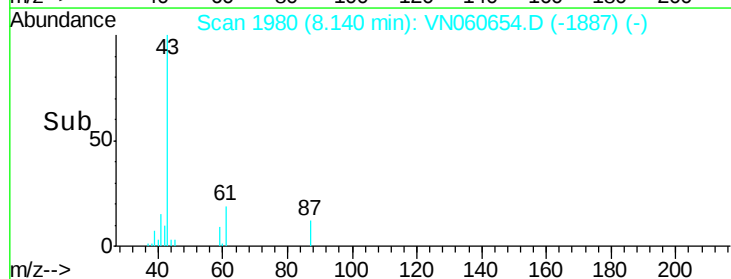
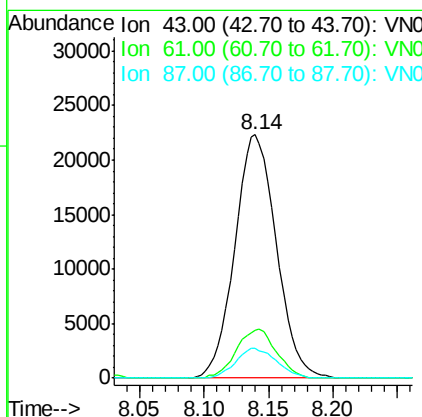
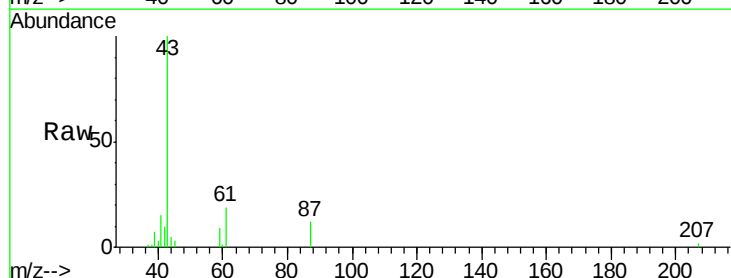
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127692ZHE#11

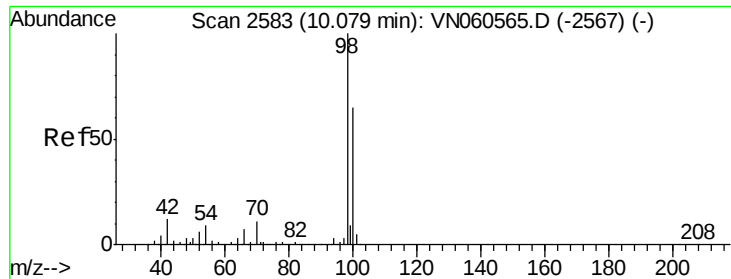
Tgt Ion:113 Resp: 92503
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.9 124.3
 192 20.2 15.8 23.8



#43
 Isopropyl Acetate
 Concen: 9.28 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: VN060654.D
 Acq: 20 Mar 2020 15:48

Tgt Ion: 43 Resp: 50046
 Ion Ratio Lower Upper
 43 100
 61 19.3 20.7 31.1#
 87 12.0 9.8 14.8





#50

Toluene-d8

Concen: 49.78 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060654.D

Acq: 20 Mar 2020 15:48

Instrument :

MSVOA_N

ClientSampleId :

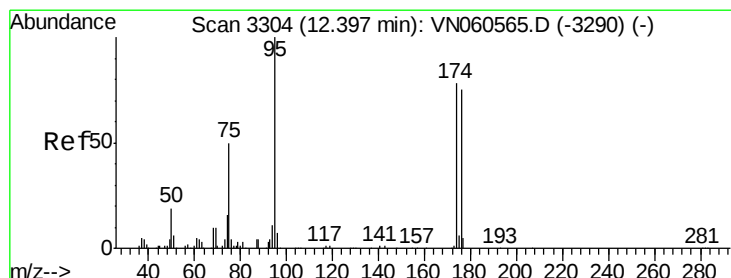
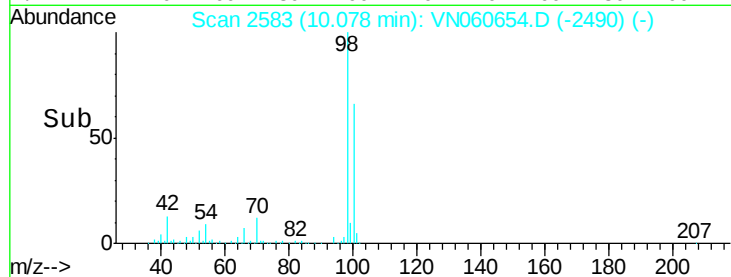
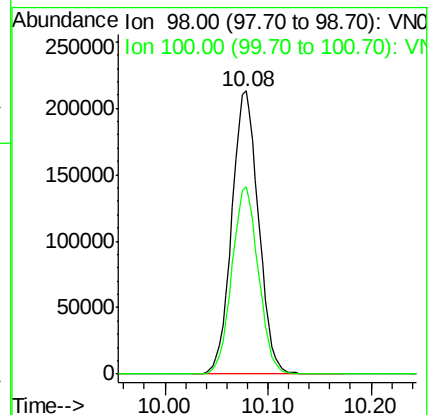
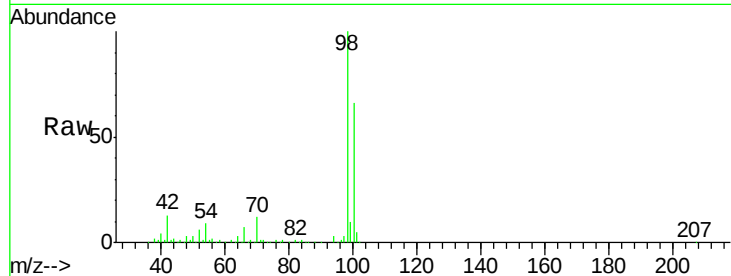
PB127692ZHE#11

Tgt Ion: 98 Resp: 384400

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 52.23 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060654.D

Acq: 20 Mar 2020 15:48

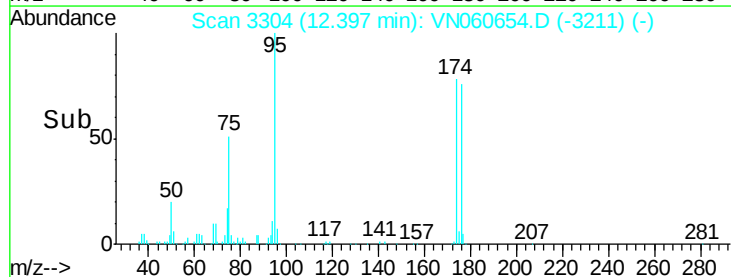
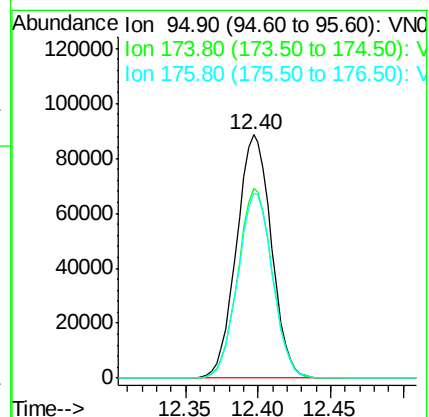
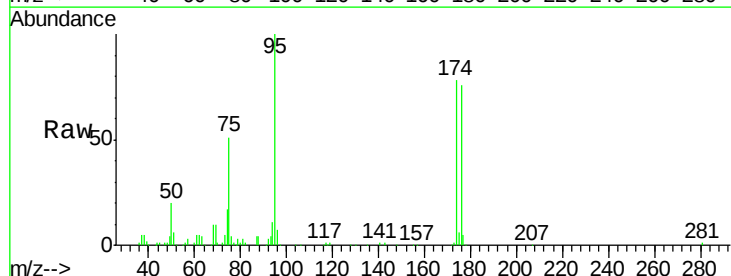
Tgt Ion: 95 Resp: 147788

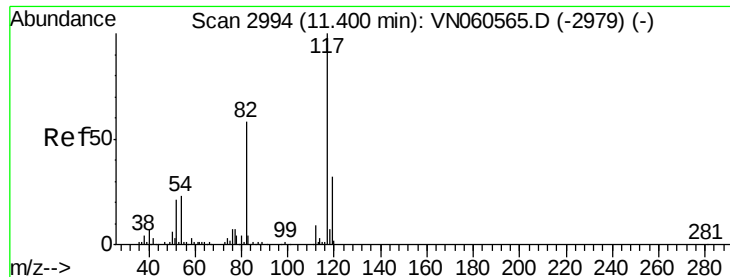
Ion Ratio Lower Upper

95 100

174 77.2 0.0 157.6

176 75.6 0.0 150.6

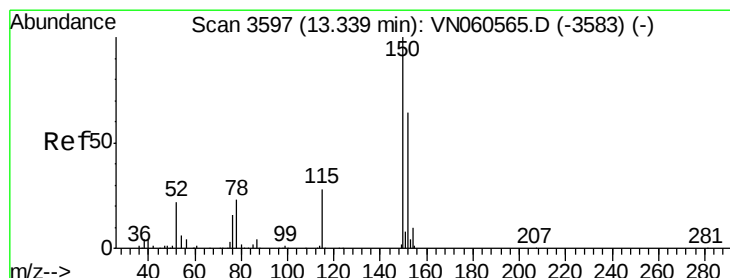
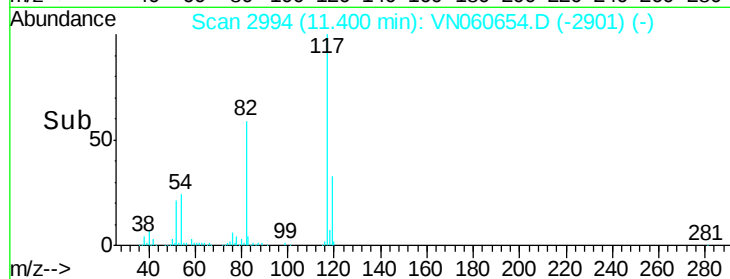
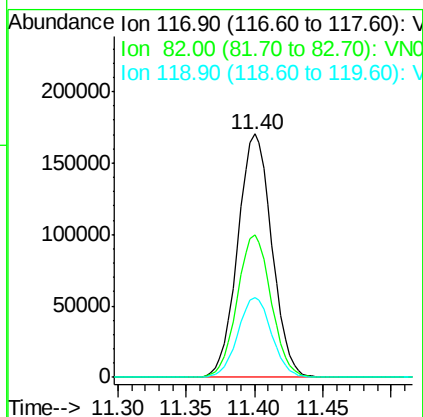
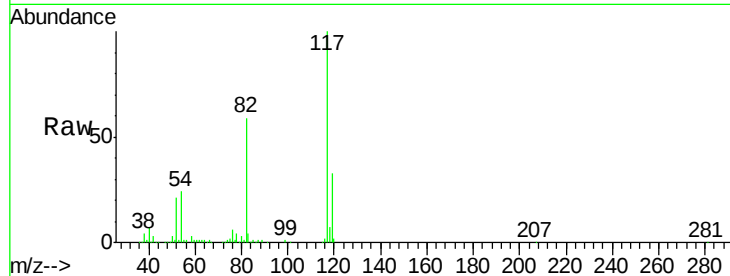




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060654.D
Acq: 20 Mar 2020 15:48

Instrument :
MSVOA_N
ClientSampleId :
PB127692ZHE#11

Tgt Ion:117 Resp: 295946
Ion Ratio Lower Upper
117 100
82 58.6 46.7 70.1
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060654.D
Acq: 20 Mar 2020 15:48

Tgt Ion:152 Resp: 138341
Ion Ratio Lower Upper
152 100
115 60.7 30.2 90.6
150 155.7 0.0 350.2

