

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059758.D
 Acq On : 17 Jan 2020 14:12
 Operator : JC/MD
 Sample : PB126145ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126145ZHE#09

Quant Time: Jan 20 02:58:04 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

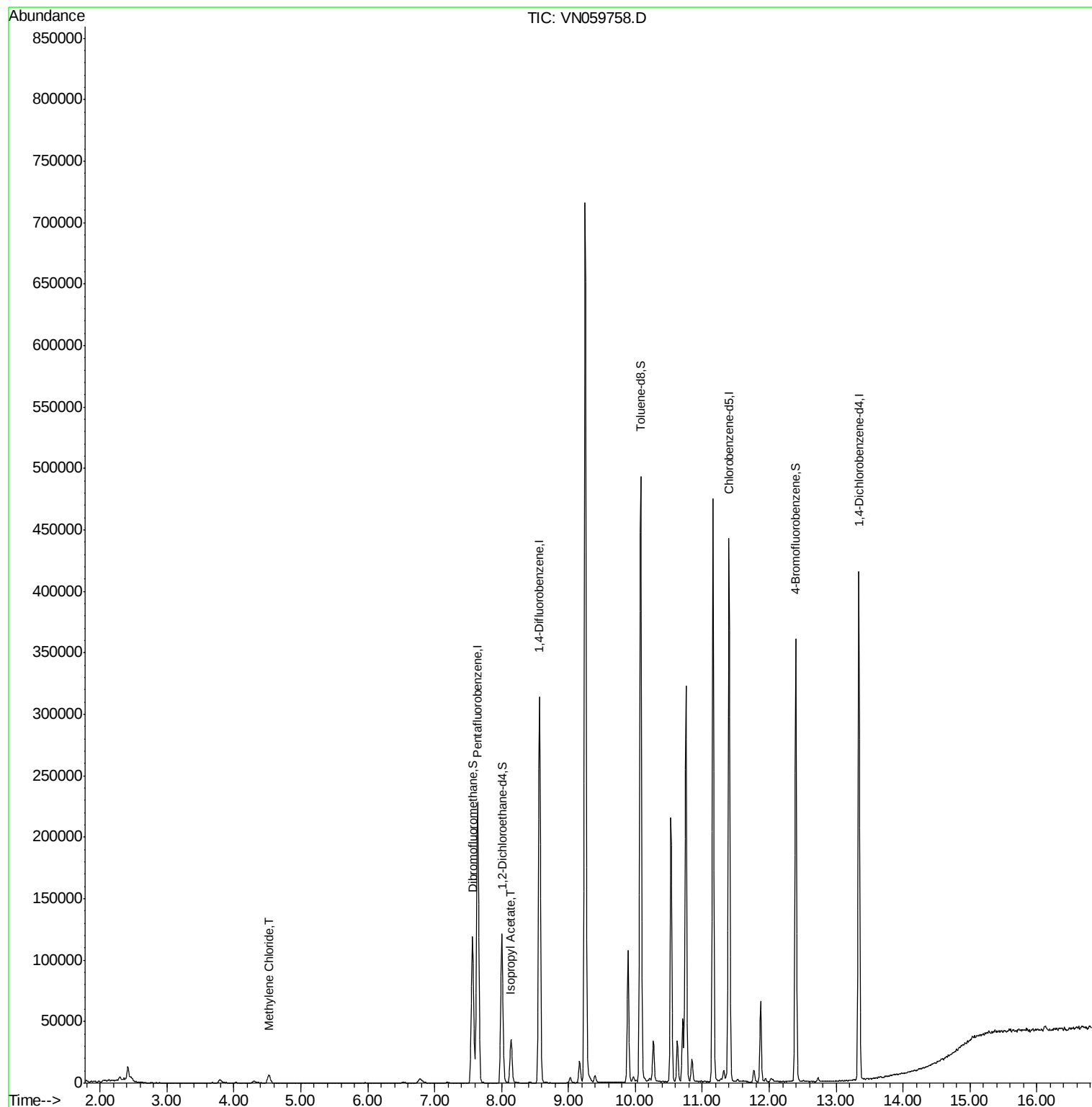
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	296848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	265697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	114905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	103080	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
35) Dibromofluoromethane	7.57	113	90932	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
50) Toluene-d8	10.08	98	343552	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	119094	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
20) Methylene Chloride	4.52	84	5365	1.436	ug/l	87
43) Isopropyl Acetate	8.14	43	42053	10.084	ug/l	92

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

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 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: VN059758.D

Acq: 17 Jan 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

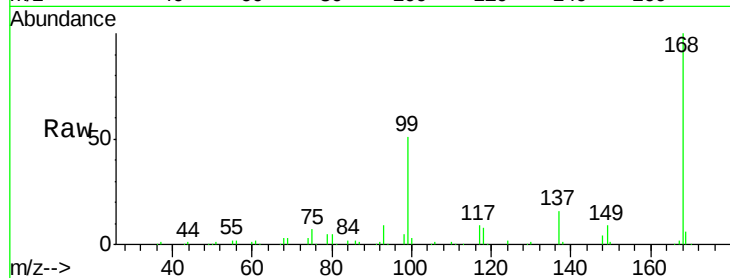
PB126145ZHE#09

Tot Ion:168 Resp: 198292

Ion Ratio Lower Upper

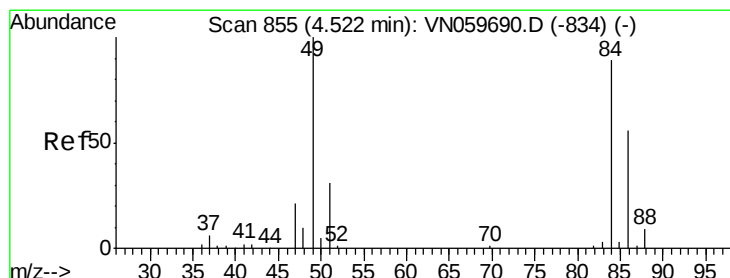
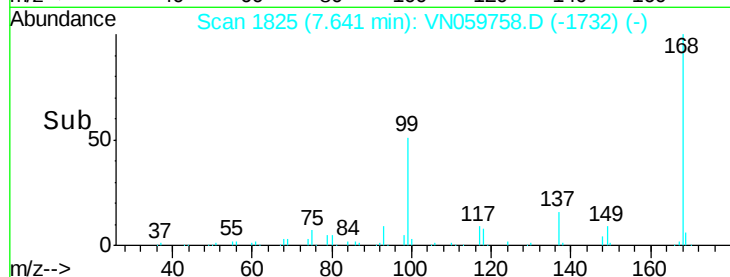
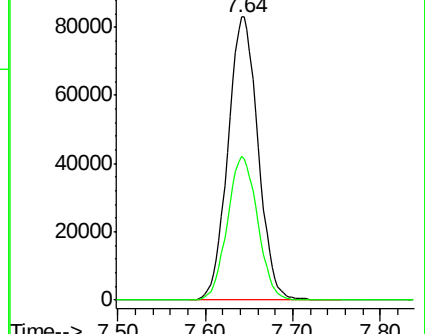
168 100

99 50.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.436 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059758.D

Acq: 17 Jan 2020 14:12

Tgt Ion: 84 Resp: 5365

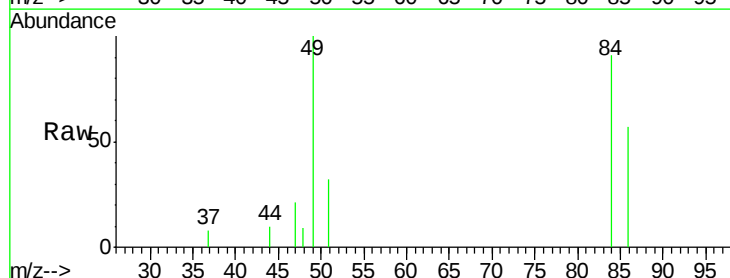
Ion Ratio Lower Upper

84 100

49 109.6 106.6 160.0

51 35.4 31.9 47.9

86 62.7 50.8 76.2

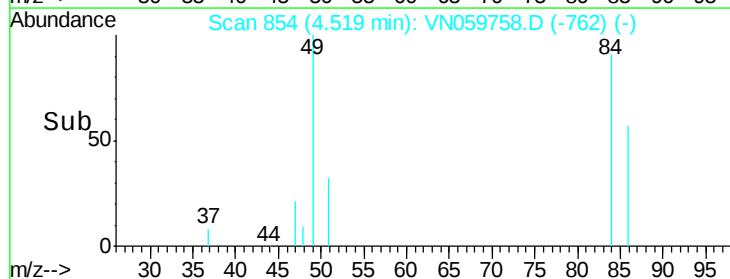
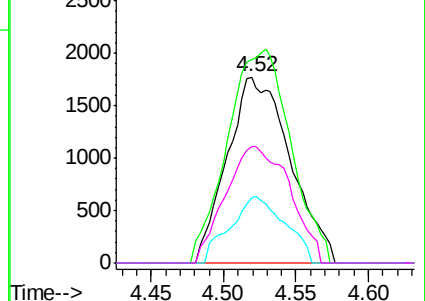


Abundance Ion 83.90 (83.60 to 84.60): VNO

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

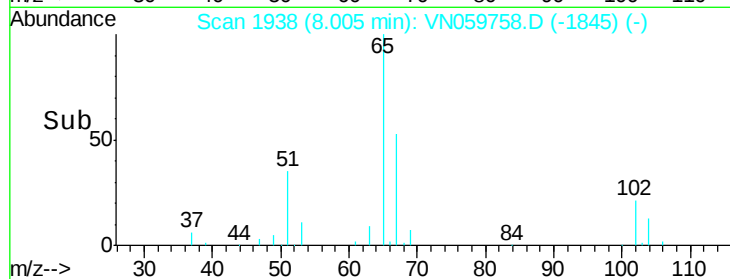
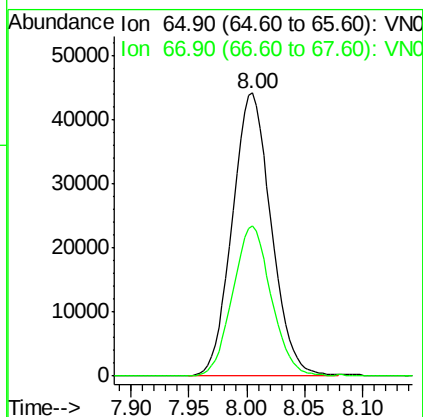
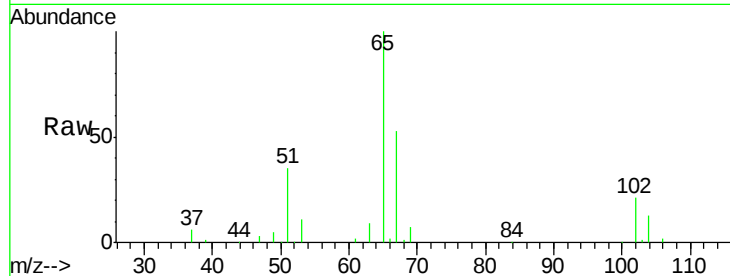




#33
 1,2-Dichloroethane-d4
 Concen: 46.810 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059758.D
 Acq: 17 Jan 2020 14:12

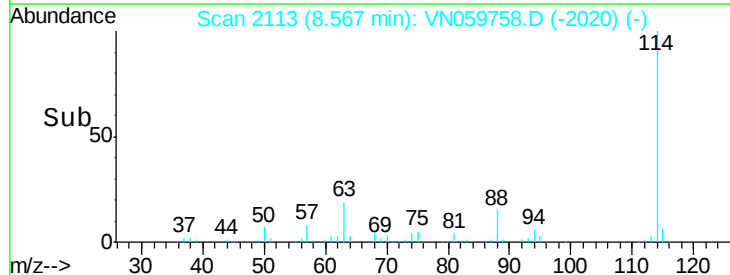
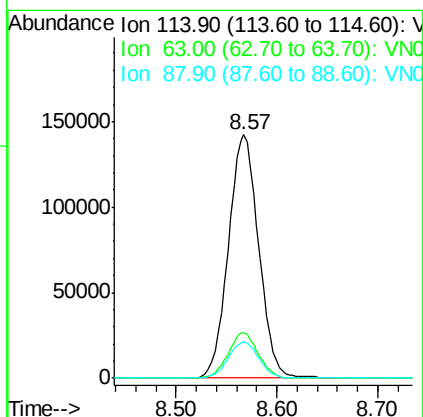
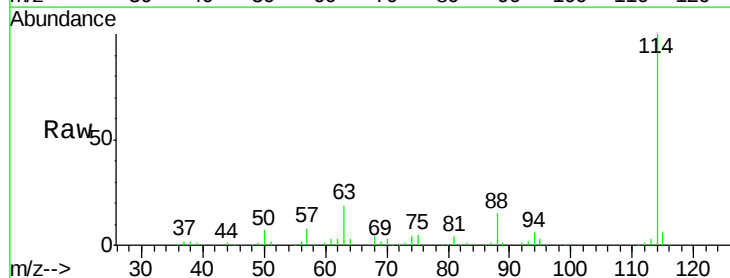
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126145ZHE#09

Tot Ion: 65 Resp: 103080
 Ion Ratio Lower Upper
 65 100
 67 52.4 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: VN059758.D
 Acq: 17 Jan 2020 14:12

Tgt Ion: 114 Resp: 296848
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.6
 88 14.7 0.0 31.4

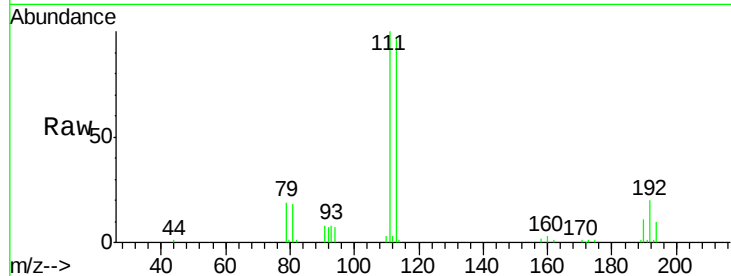




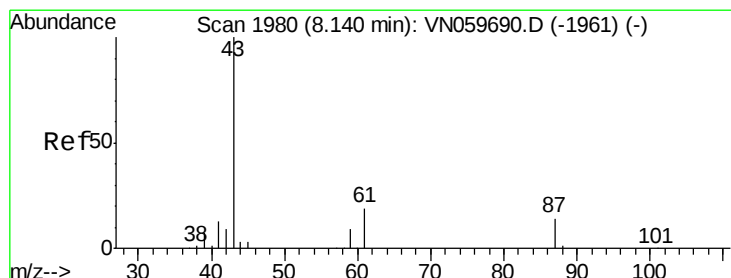
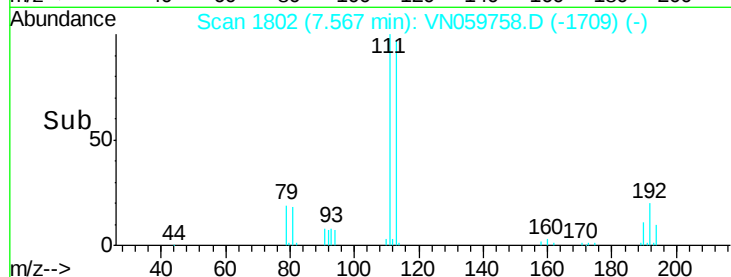
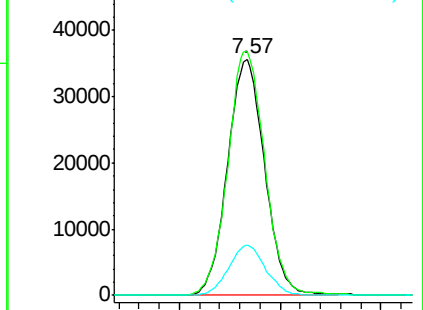
#35
 Dibromofluoromethane
 Concen: 51.367 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059758.D
 Acq: 17 Jan 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126145ZHE#09

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.5	125.3
192	21.1	15.4	23.2

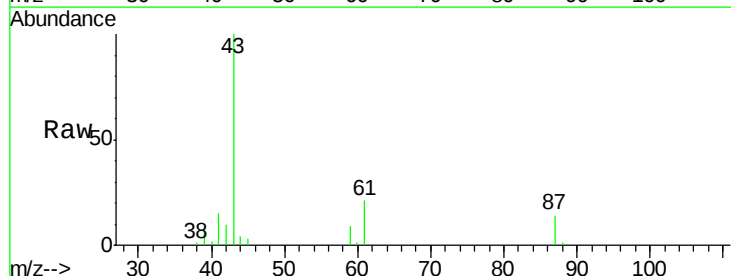


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

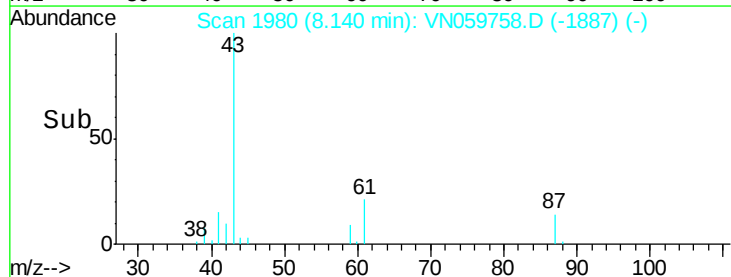
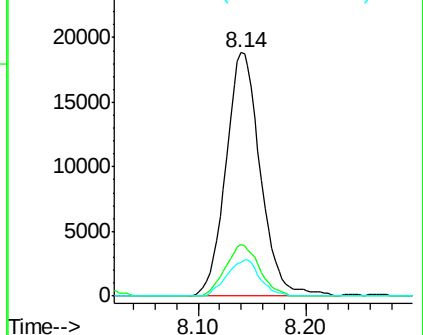


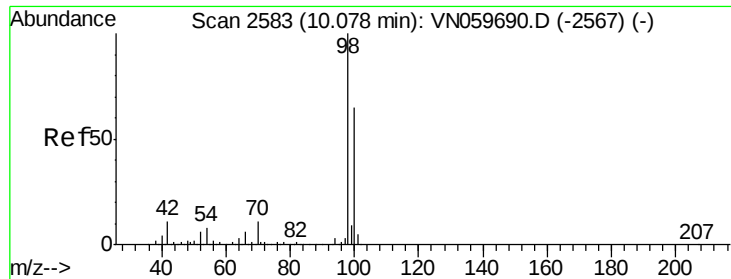
#43
 Isopropyl Acetate
 Concen: 10.084 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN059758.D
 Acq: 17 Jan 2020 14:12

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.8	20.2	30.2
87	14.3	9.5	14.3



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 50.089 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059758.D

Acq: 17 Jan 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

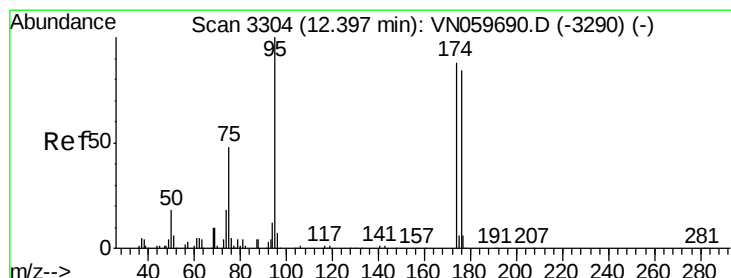
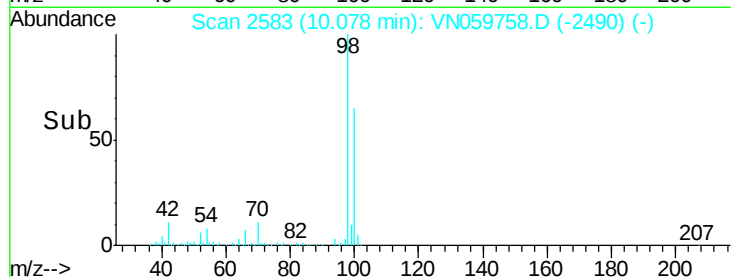
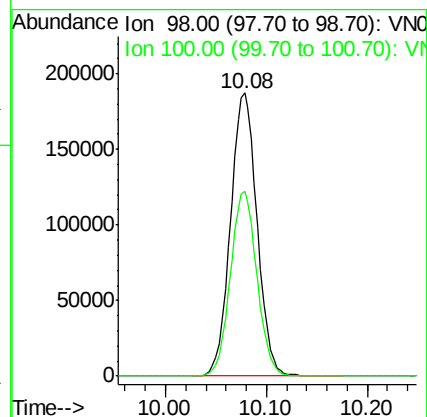
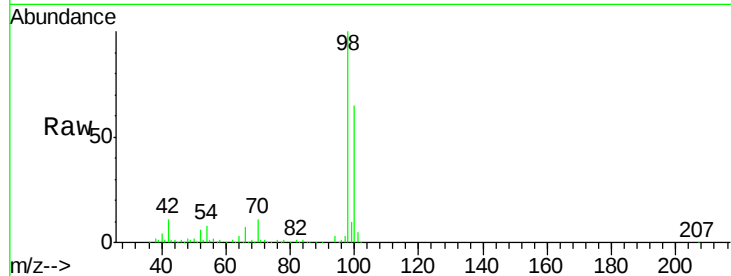
PB126145ZHE#09

Tot Ion: 98 Resp: 343552

Ion Ratio Lower Upper

98 100

100 65.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 48.166 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059758.D

Acq: 17 Jan 2020 14:12

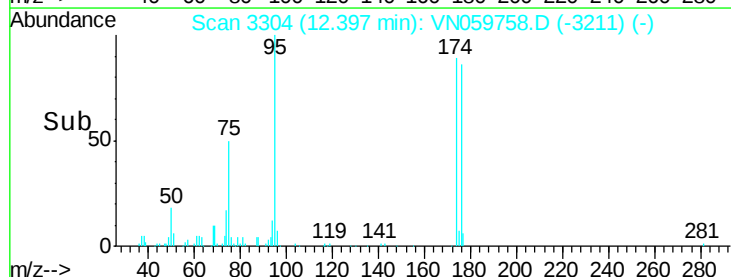
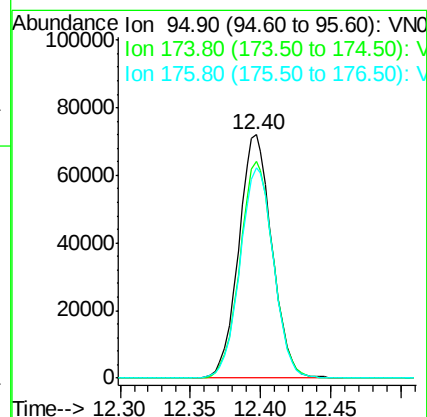
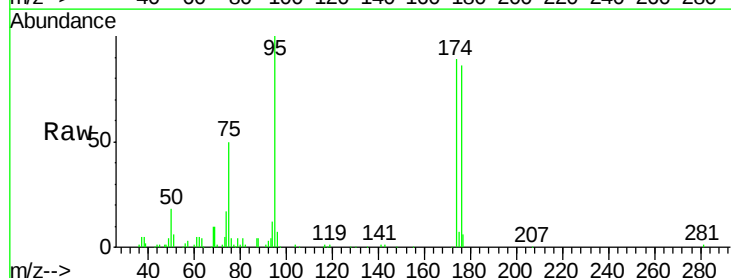
Tgt Ion: 95 Resp: 119094

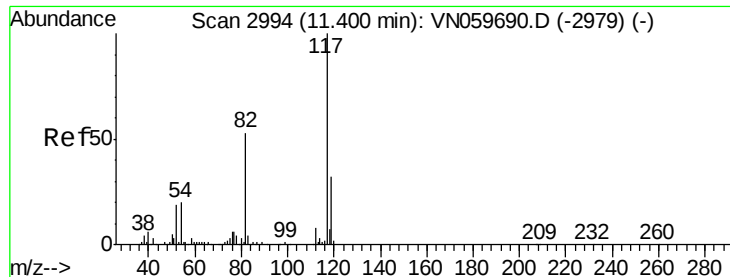
Ion Ratio Lower Upper

95 100

174 89.3 0.0 151.4

176 86.9 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: VN059758.D

Acq: 17 Jan 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB126145ZHE#09

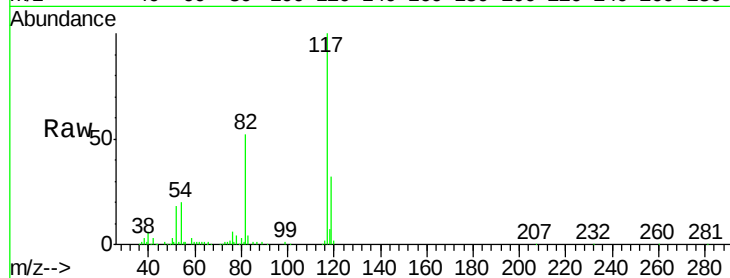
Tot Ion:117 Resp: 265697

Ion Ratio Lower Upper

117 100

82 52.0 45.9 68.9

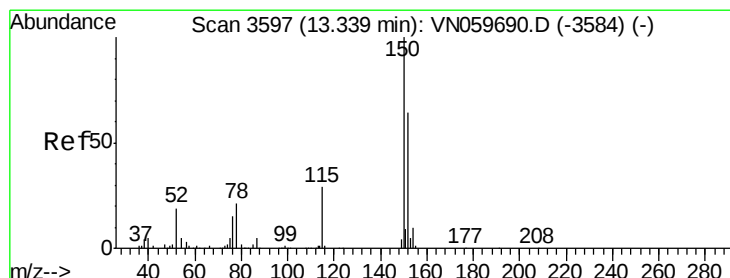
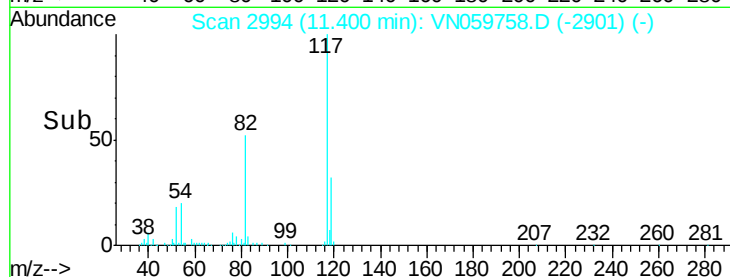
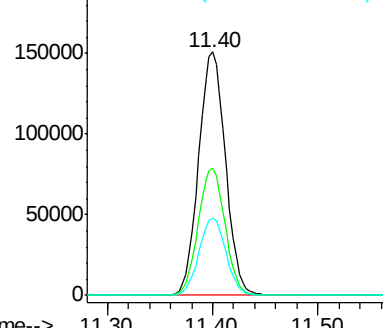
119 31.8 25.5 38.3



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: VN059758.D

Acq: 17 Jan 2020 14:12

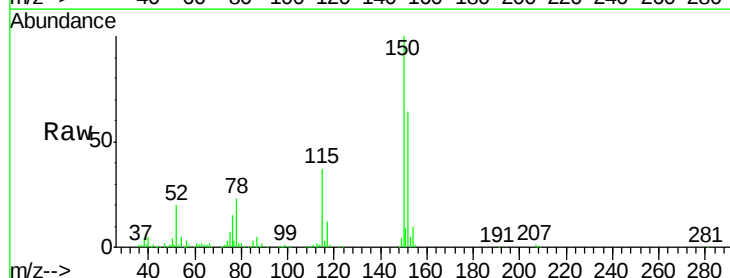
Tgt Ion:152 Resp: 114905

Ion Ratio Lower Upper

152 100

115 57.7 30.3 90.9

150 156.3 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

