

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059795.D
 Acq On : 20 Jan 2020 18:27
 Operator : JC/MD
 Sample : PB126173ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126173ZHE#15

Quant Time: Jan 21 03:00:35 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

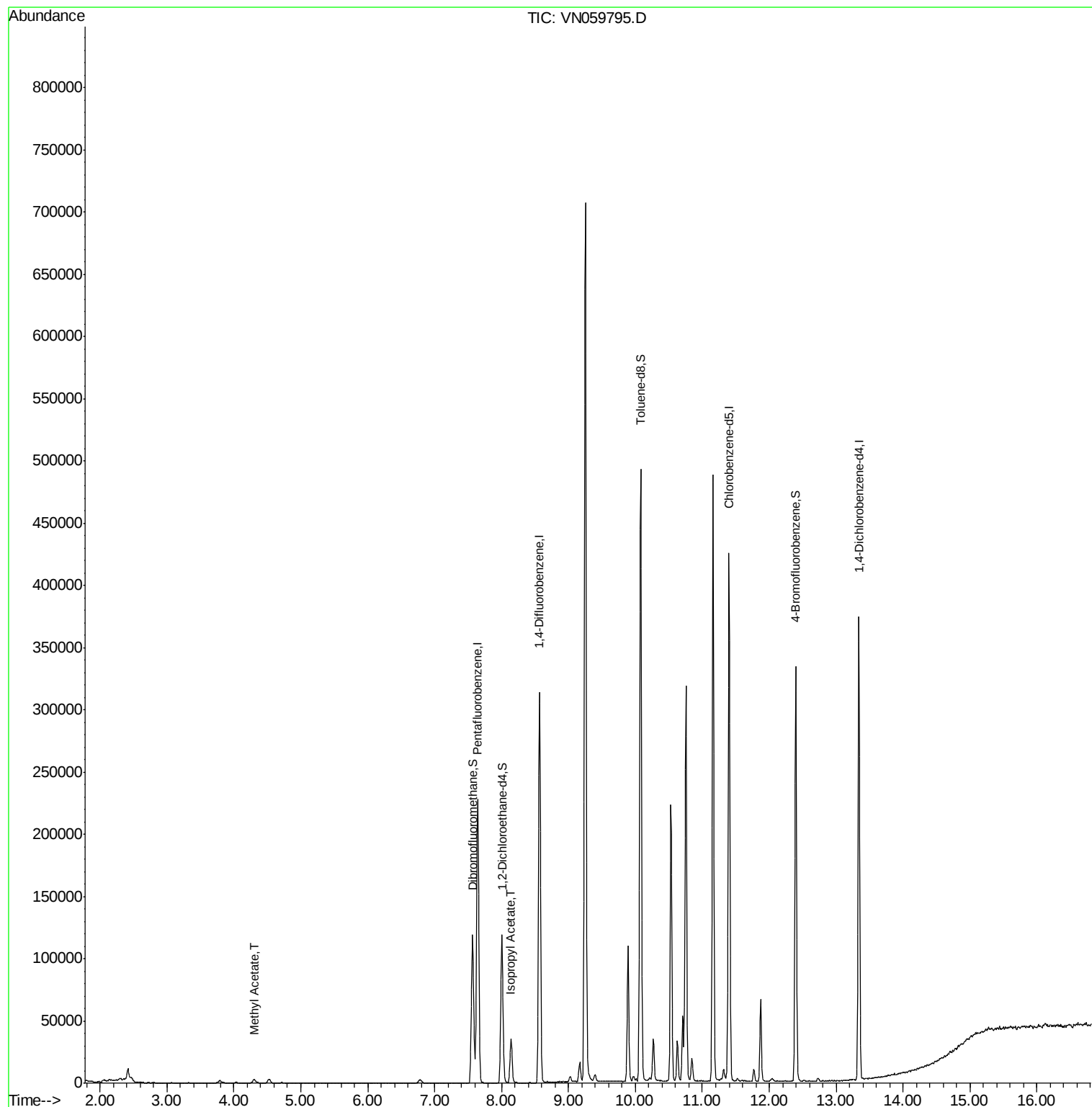
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	294679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	253624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	102720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	102092	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
35) Dibromofluoromethane	7.57	113	89535	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
50) Toluene-d8	10.08	98	344099	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.40	95	112525	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
18) Methyl Acetate	4.29	43	5426	2.126	ug/l #	78
43) Isopropyl Acetate	8.14	43	41563	10.040	ug/l #	91

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059795.D

Acq: 20 Jan 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

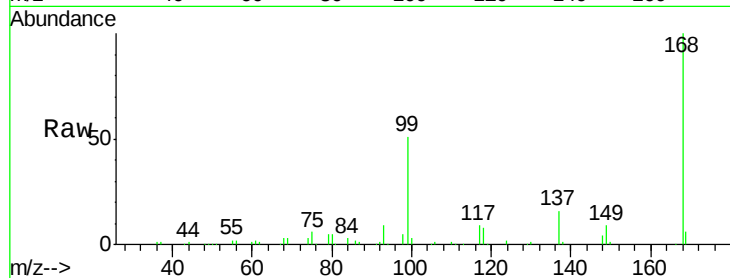
PB126173ZHE#15

Tot Ion:168 Resp: 196742

Ion Ratio Lower Upper

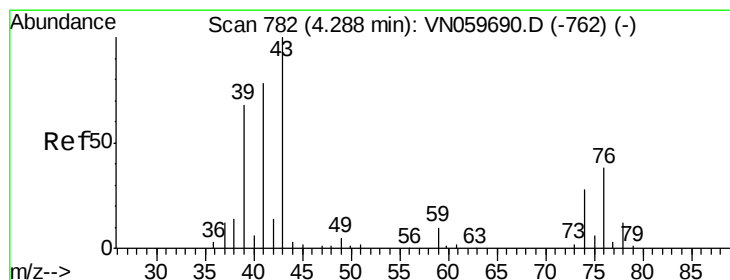
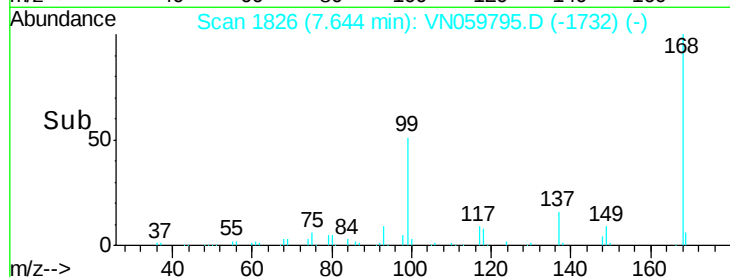
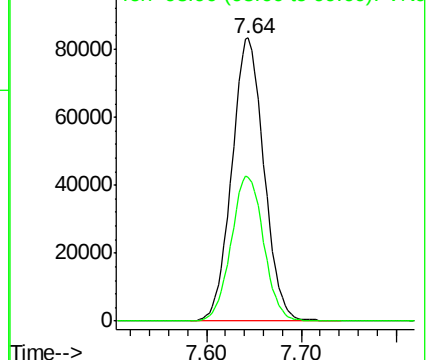
168 100

99 50.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 2.126 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN059795.D

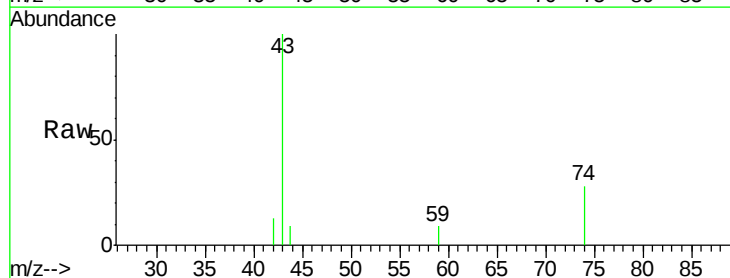
Acq: 20 Jan 2020 18:27

Tgt Ion: 43 Resp: 5426

Ion Ratio Lower Upper

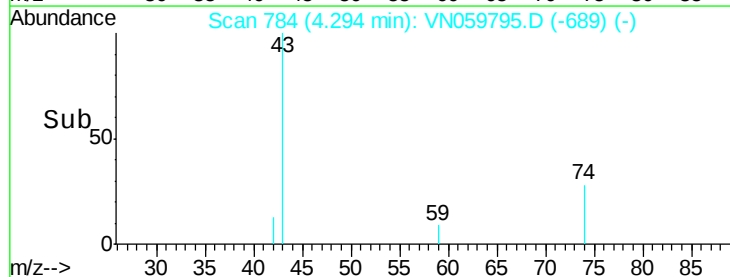
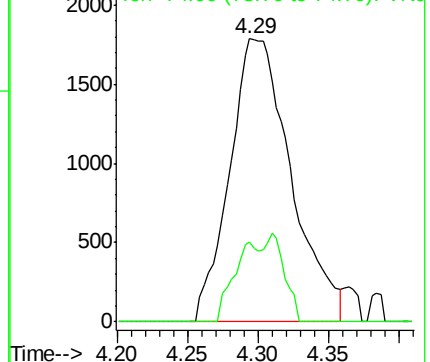
43 100

74 11.6 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

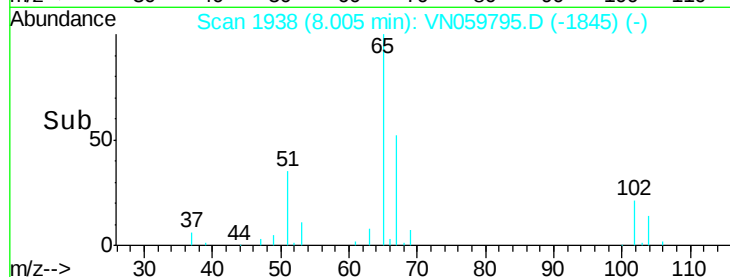
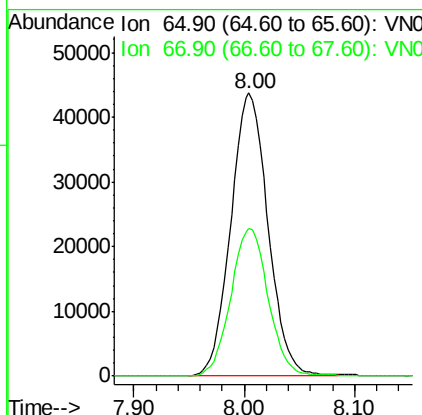
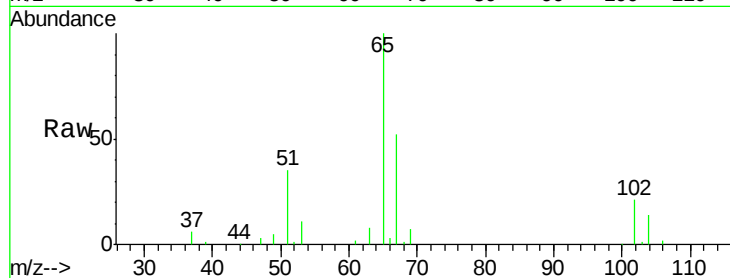




#33
 1,2-Dichloroethane-d4
 Concen: 46.727 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059795.D
 Acq: 20 Jan 2020 18:27

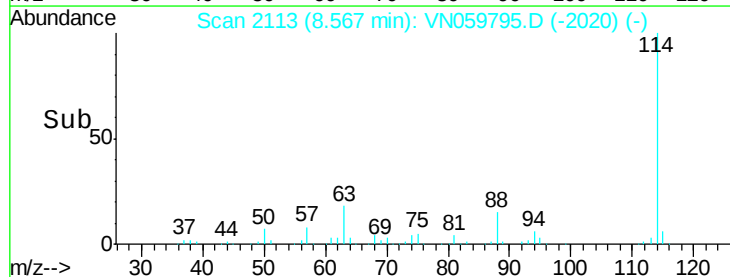
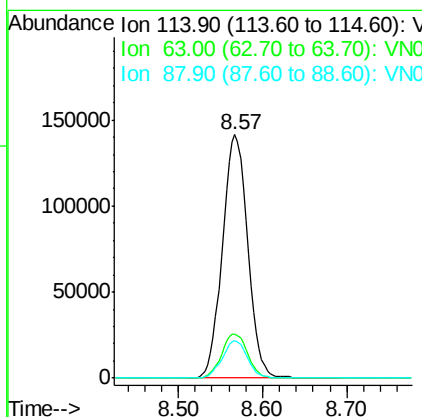
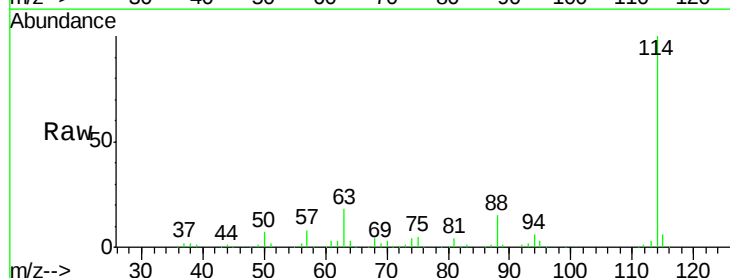
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126173ZHE#15

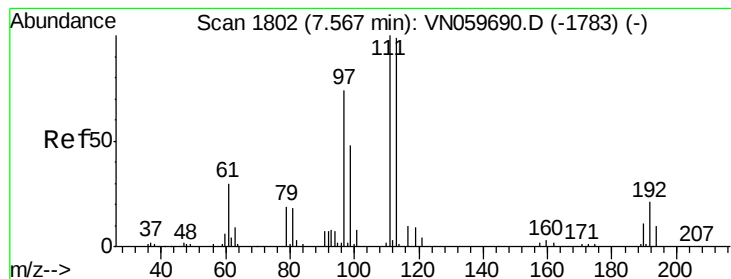
Tot Ion: 65 Resp: 102092
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059795.D
 Acq: 20 Jan 2020 18:27

Tgt Ion: 114 Resp: 294679
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 43.6
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.950 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059795.D

Acq: 20 Jan 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

PB126173ZHE#15

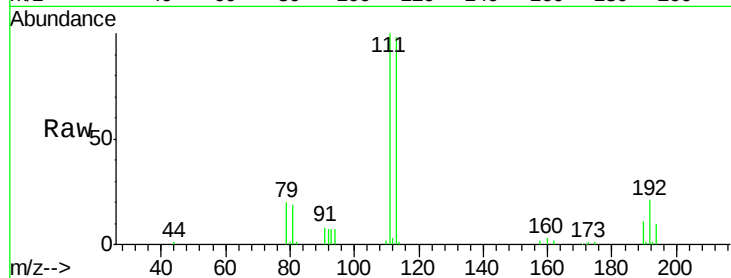
Tot Ion:113 Resp: 89535

Ion Ratio Lower Upper

113 100

111 101.5 83.5 125.3

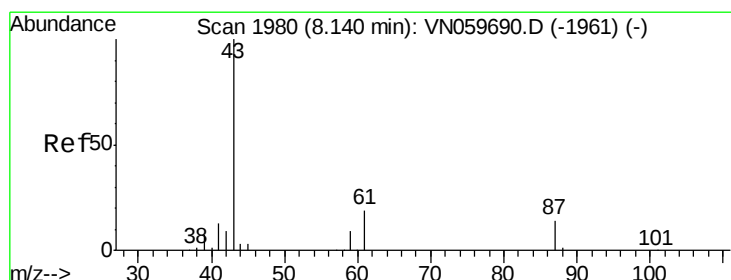
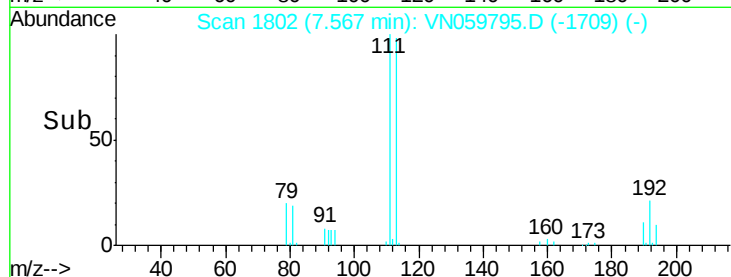
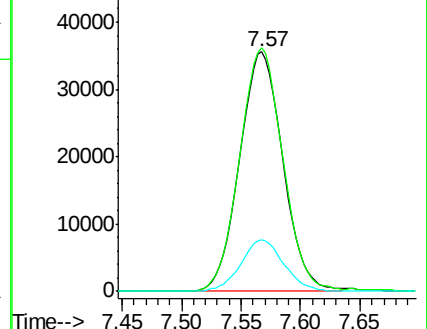
192 21.2 15.4 23.2



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: 10.040 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059795.D

Acq: 20 Jan 2020 18:27

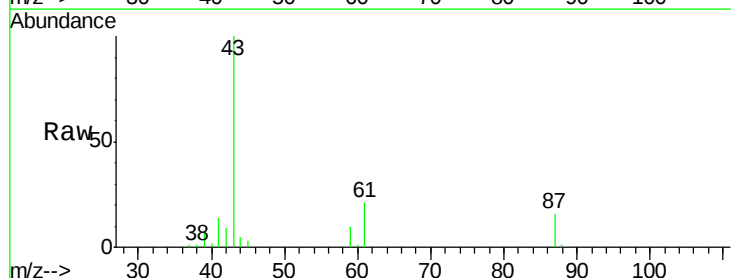
Tgt Ion: 43 Resp: 41563

Ion Ratio Lower Upper

43 100

61 20.6 20.2 30.2

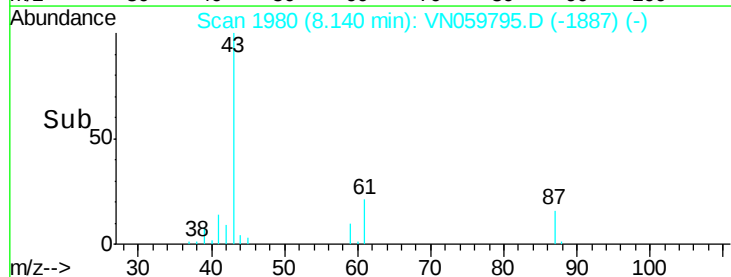
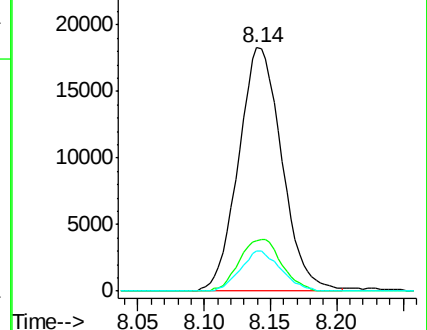
87 15.1 9.5 14.3#

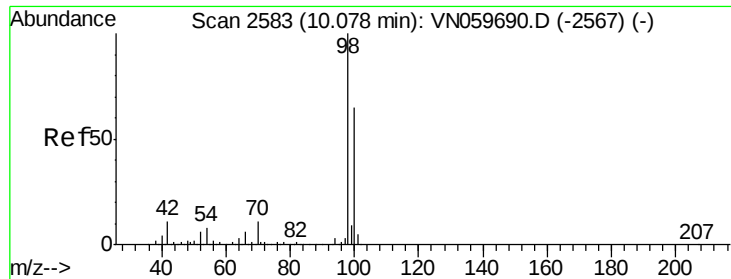


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.538 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059795.D

Acq: 20 Jan 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

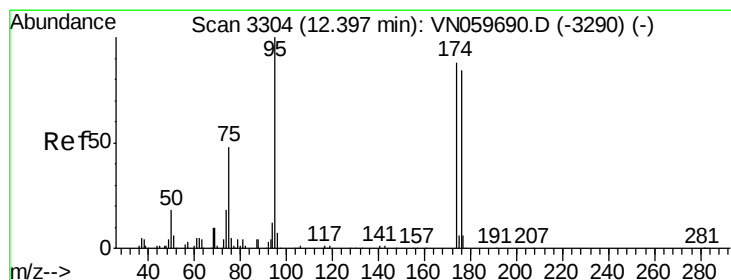
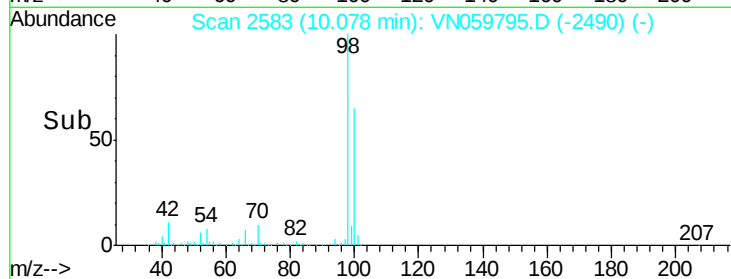
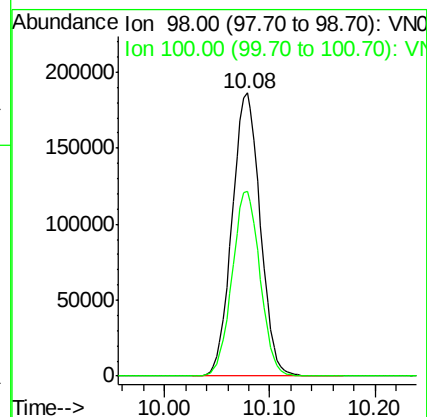
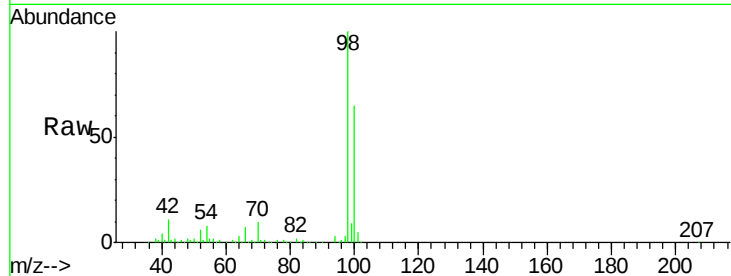
PB126173ZHE#15

Tot Ion: 98 Resp: 344099

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.844 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059795.D

Acq: 20 Jan 2020 18:27

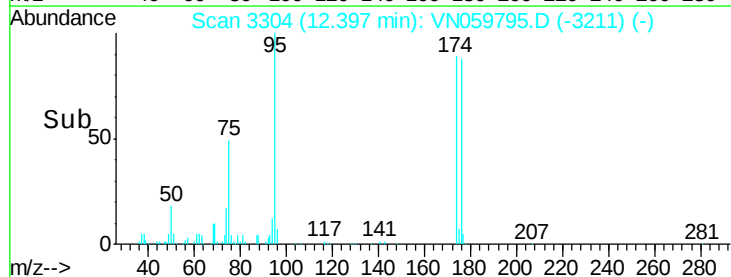
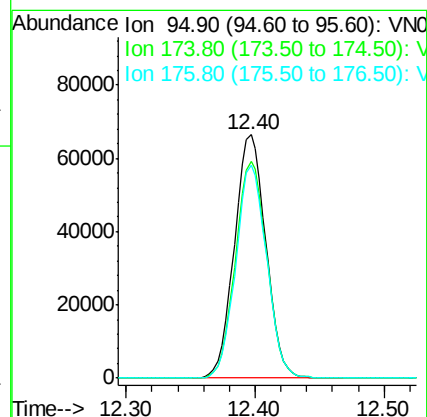
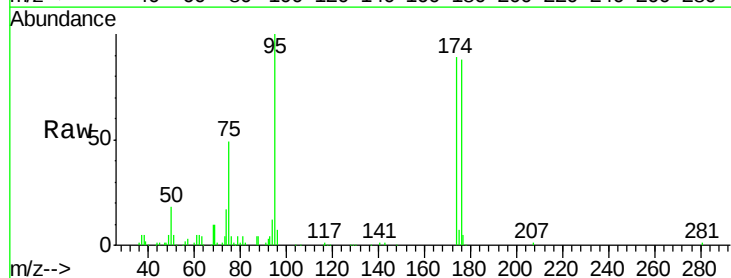
Tgt Ion: 95 Resp: 112525

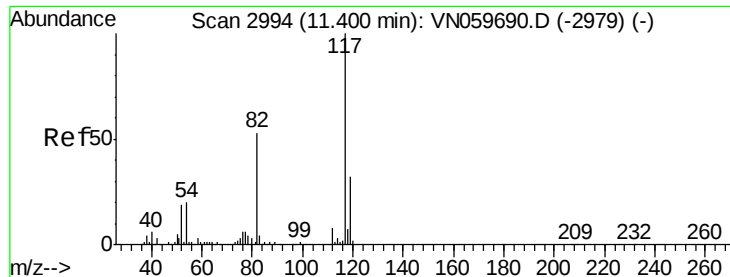
Ion Ratio Lower Upper

95 100

174 88.9 0.0 151.4

176 86.0 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: VN059795.D

Acq: 20 Jan 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

PB126173ZHE#15

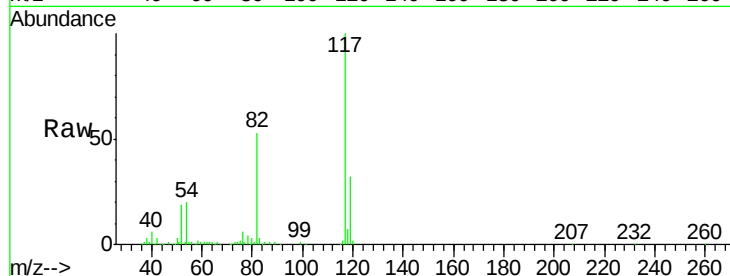
Tot Ion:117 Resp: 253624

Ion Ratio Lower Upper

117 100

82 52.6 45.9 68.9

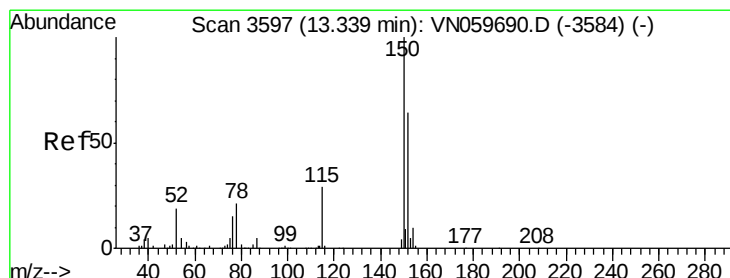
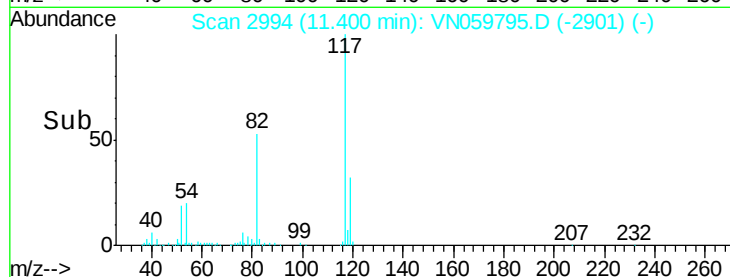
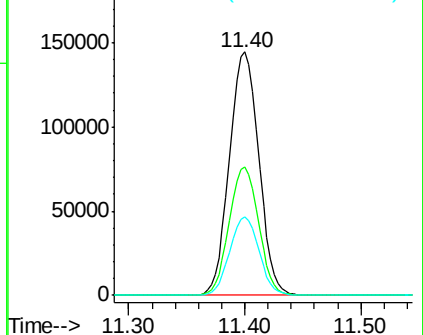
119 32.3 25.5 38.3



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: VN059795.D

Acq: 20 Jan 2020 18:27

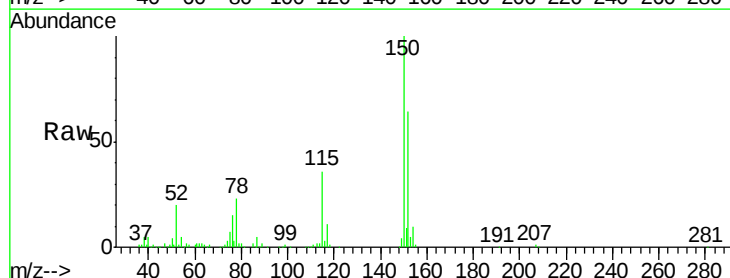
Tgt Ion:152 Resp: 102720

Ion Ratio Lower Upper

152 100

115 57.0 30.3 90.9

150 157.2 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

