

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059794.D
 Acq On : 20 Jan 2020 18:04
 Operator : JC/MD
 Sample : PB126173ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126173ZHE#14

Quant Time: Jan 21 02:58:05 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

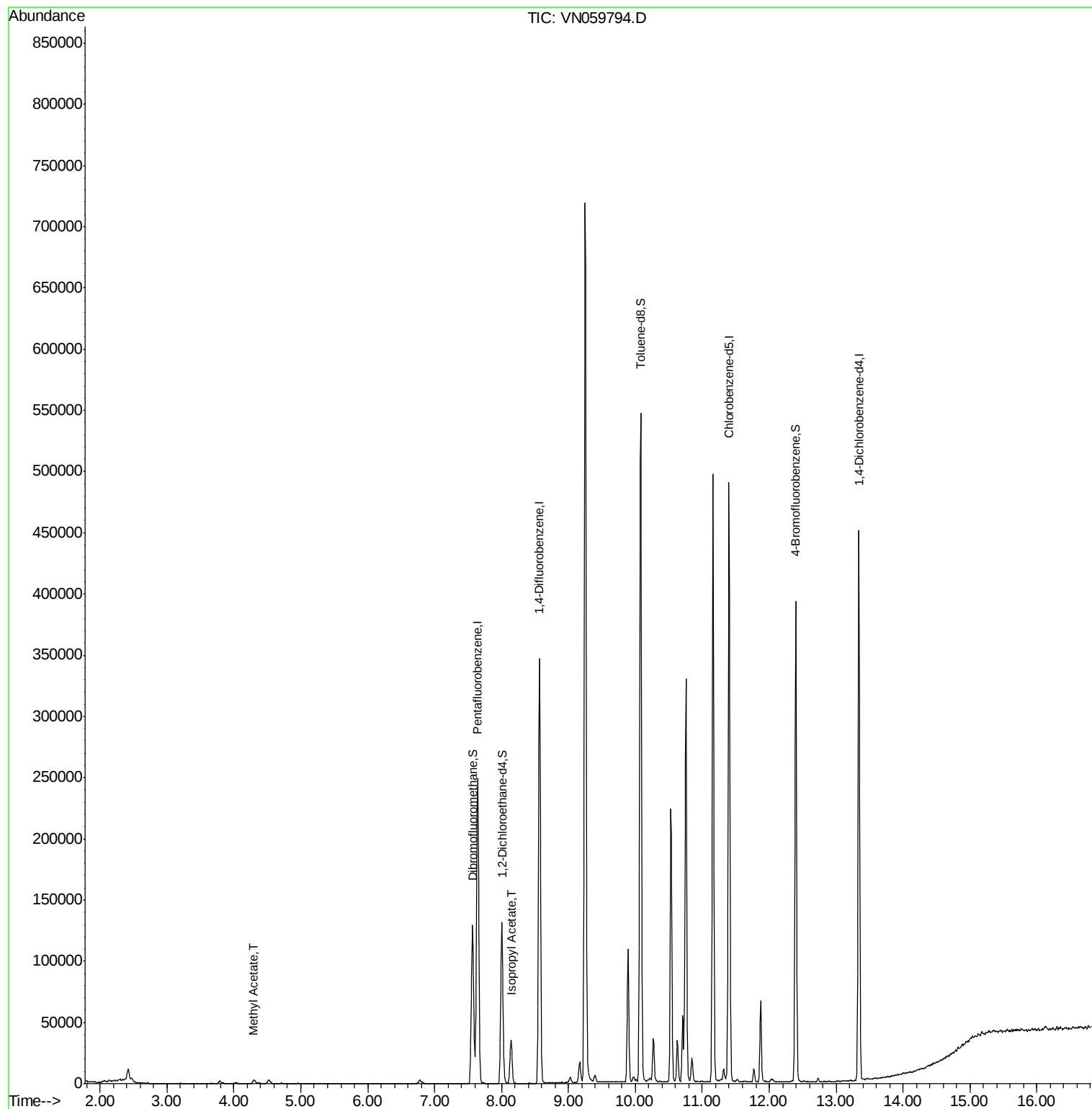
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	217149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	325857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	290437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	112537	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
35) Dibromofluoromethane	7.57	113	98263	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	10.08	98	383987	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	128708	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
Target Compounds						
18) Methyl Acetate	4.30	43	5821	2.067	ug/l	95
43) Isopropyl Acetate	8.14	43	42384	9.258	ug/l #	91

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

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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: VN059794.D

Acq: 20 Jan 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

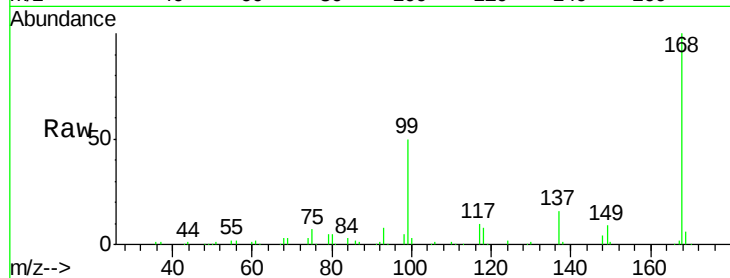
PB126173ZHE#14

Tot Ion:168 Resp: 217149

Ion Ratio Lower Upper

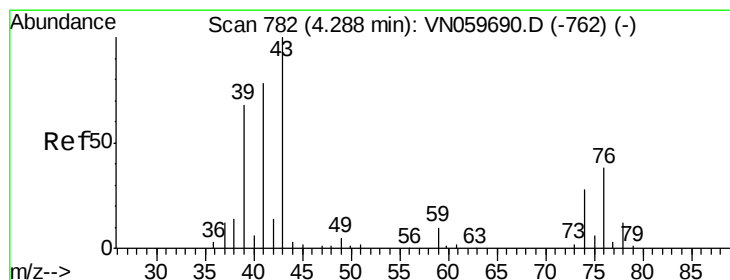
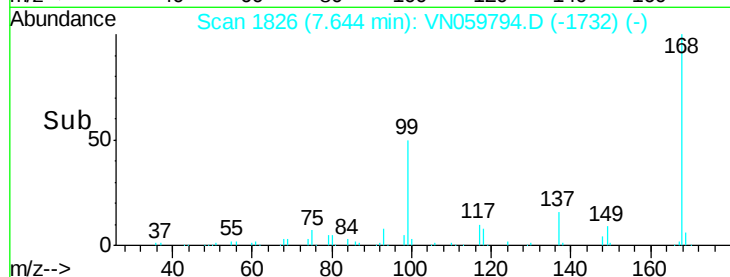
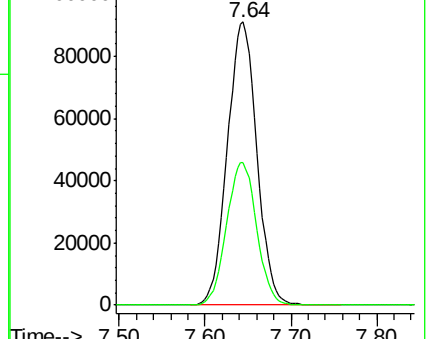
168 100

99 50.2 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: 2.067 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN059794.D

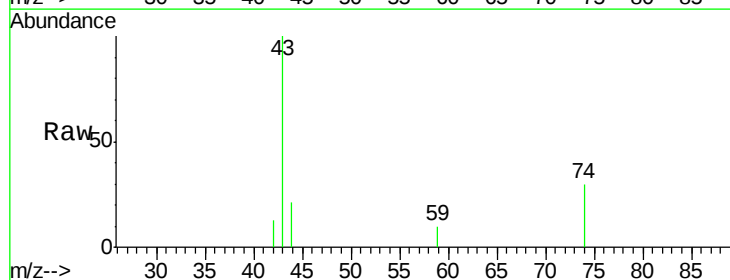
Acq: 20 Jan 2020 18:04

Tgt Ion: 43 Resp: 5821

Ion Ratio Lower Upper

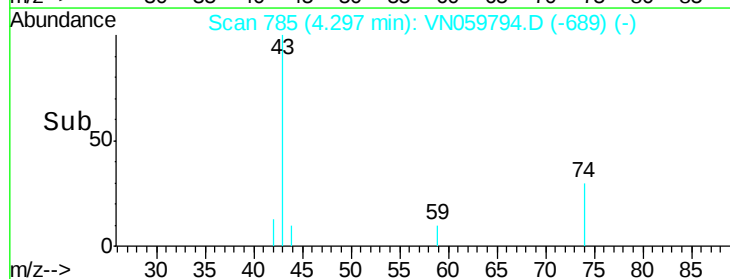
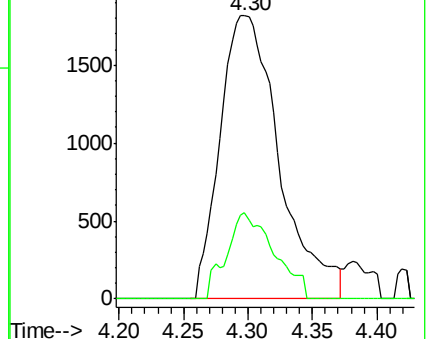
43 100

74 24.4 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: 46.667 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059794.D

Acq: 20 Jan 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

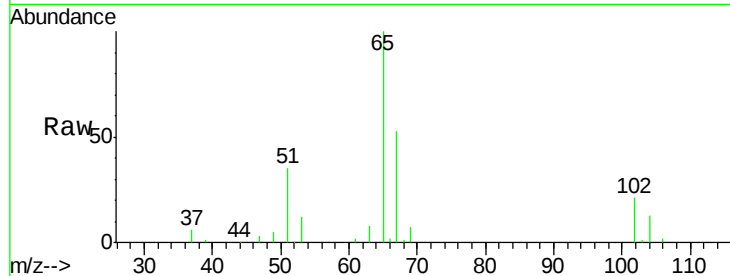
PB126173ZHE#14

Tot Ion: 65 Resp: 112537

Ion Ratio Lower Upper

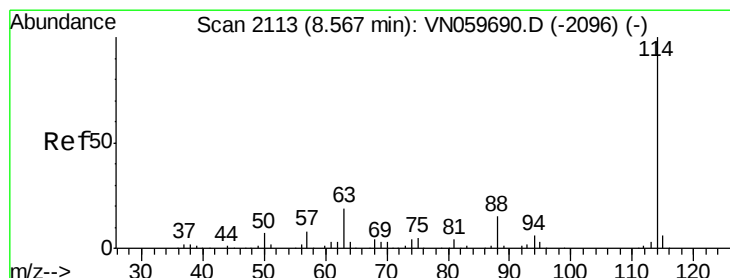
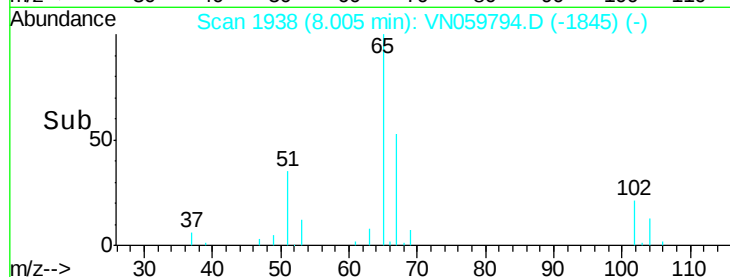
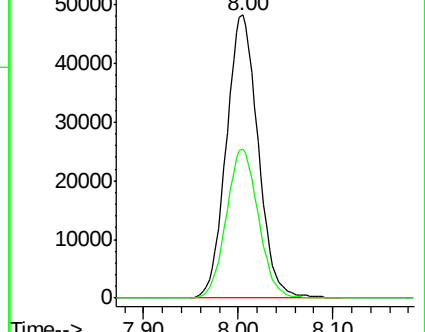
65 100

67 53.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059794.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059794.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059794.D

Acq: 20 Jan 2020 18:04

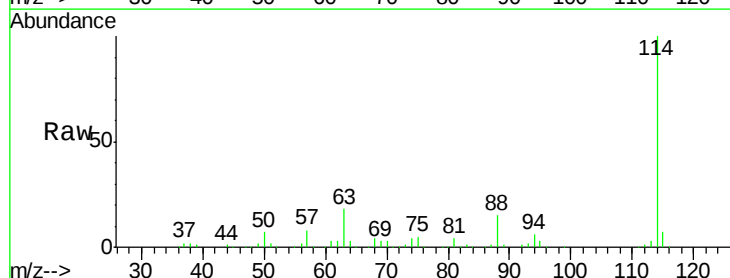
Tgt Ion: 114 Resp: 325857

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.6

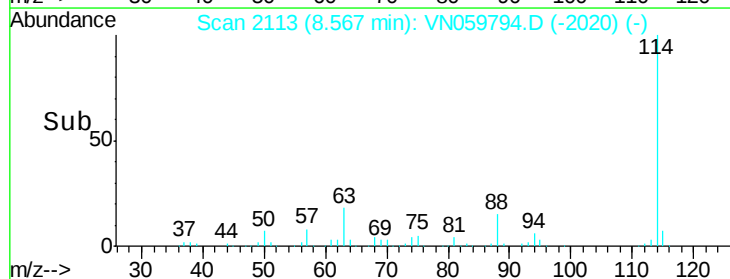
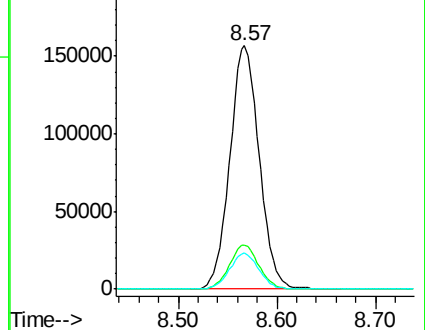
88 14.8 0.0 31.4

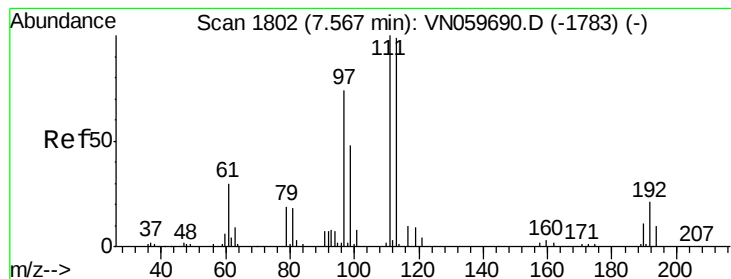


Abundance Ion 113.90 (113.60 to 114.60): VN059794.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059794.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059794.D (-2020) (-)





#35

Dibromofluoromethane

Concen: 50.567 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059794.D

Acq: 20 Jan 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

PB126173ZHE#14

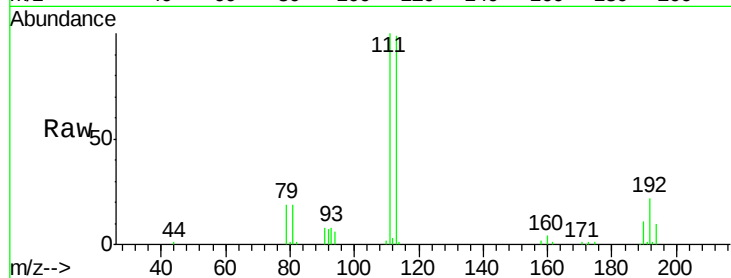
Tot Ion:113 Resp: 98263

Ion Ratio Lower Upper

113 100

111 102.7 83.5 125.3

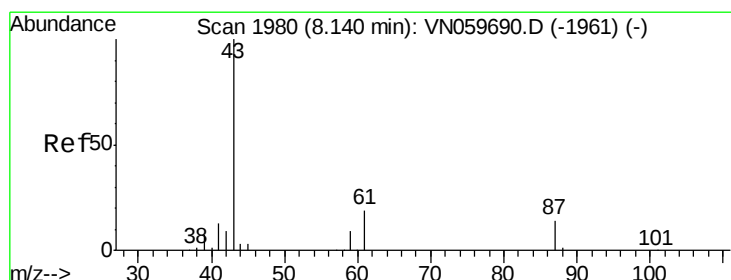
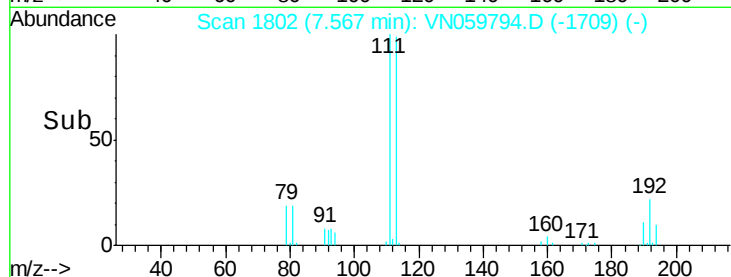
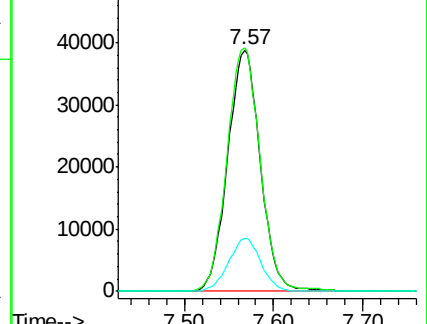
192 21.7 15.4 23.2



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: 9.258 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059794.D

Acq: 20 Jan 2020 18:04

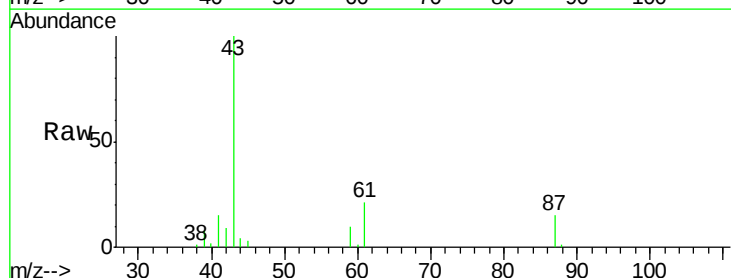
Tgt Ion: 43 Resp: 42384

Ion Ratio Lower Upper

43 100

61 19.7 20.2 30.2#

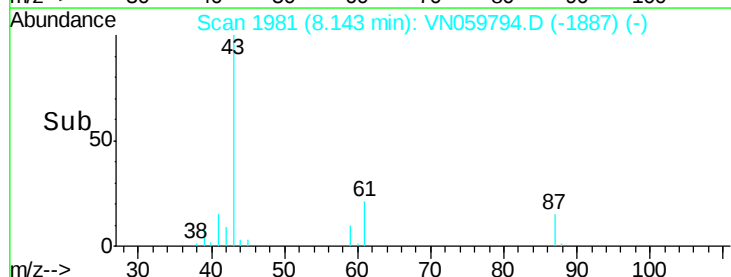
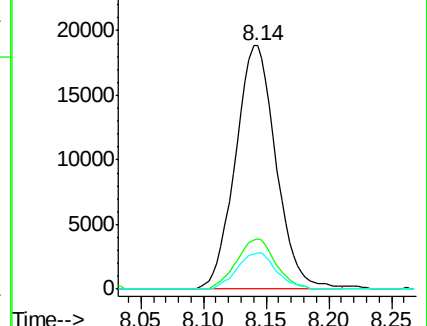
87 14.3 9.5 14.3

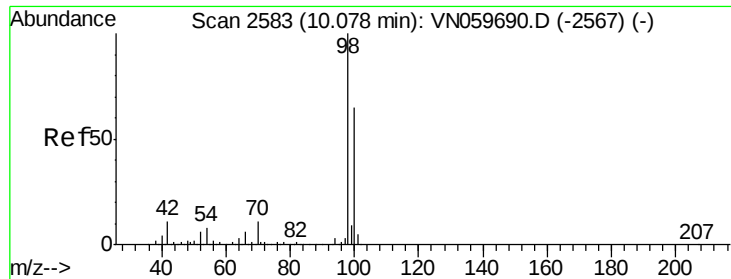


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.001 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059794.D

Acq: 20 Jan 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

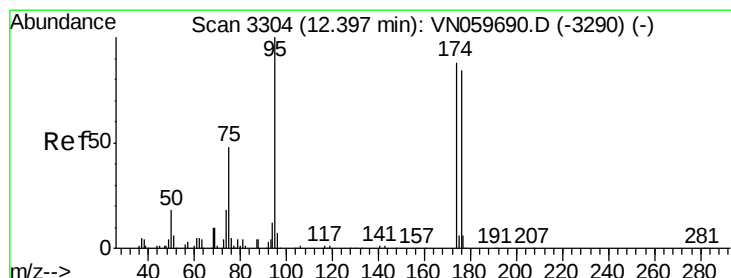
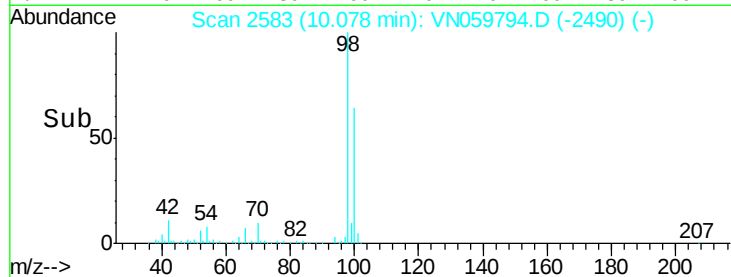
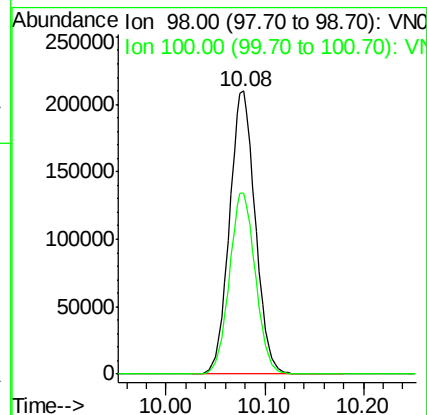
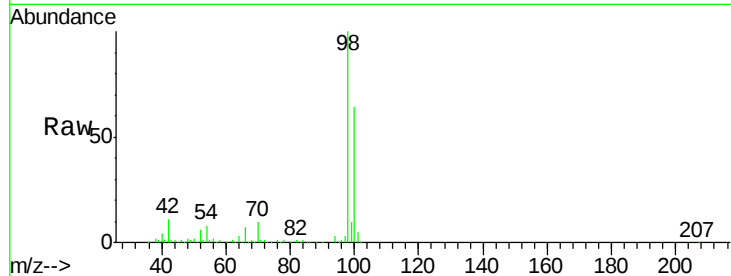
PB126173ZHE#14

Tot Ion: 98 Resp: 383987

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.420 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059794.D

Acq: 20 Jan 2020 18:04

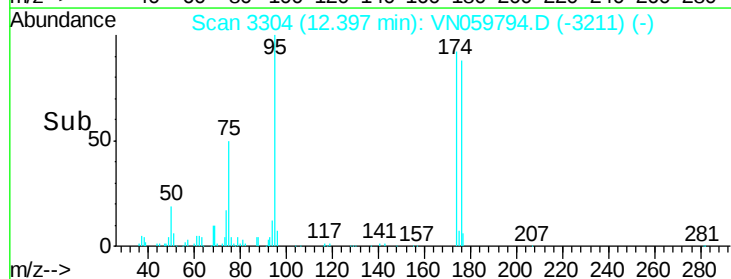
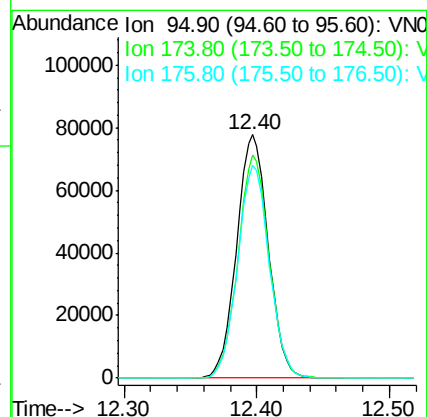
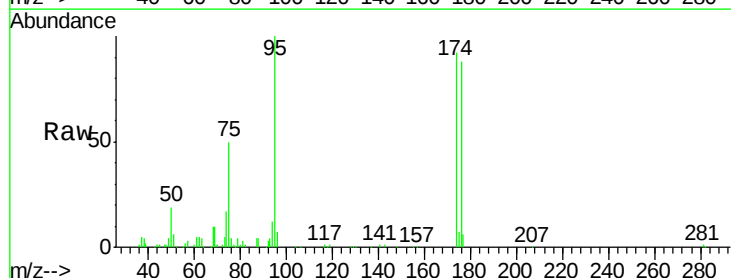
Tgt Ion: 95 Resp: 128708

Ion Ratio Lower Upper

95 100

174 90.3 0.0 151.4

176 87.6 0.0 146.0

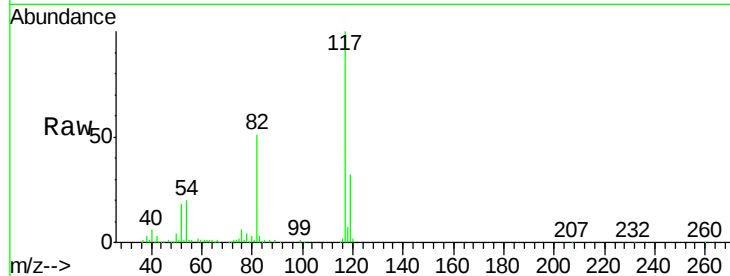




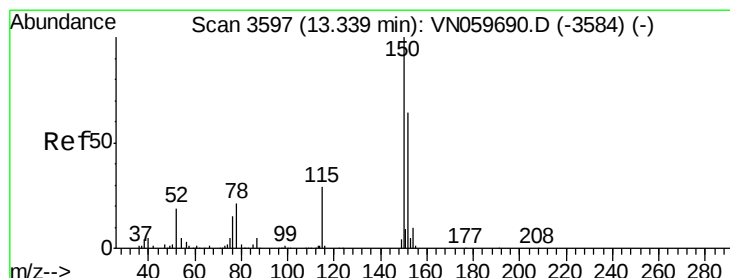
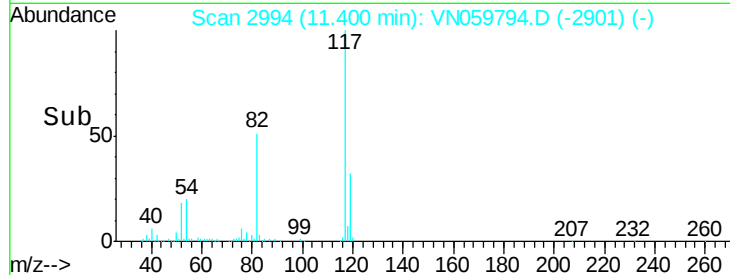
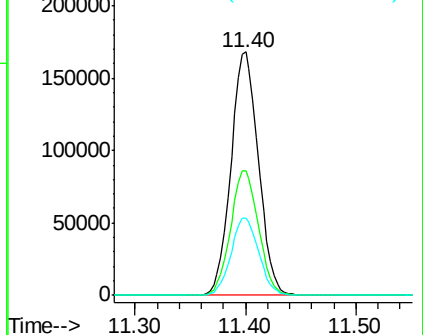
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059794.D
Acq: 20 Jan 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
PB126173ZHE#14

Tot Ion:117 Resp: 290437
Ion Ratio Lower Upper
117 100
82 51.3 45.9 68.9
119 32.0 25.5 38.3

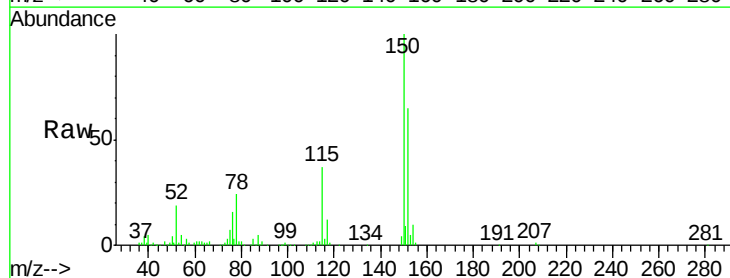


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059794.D
Acq: 20 Jan 2020 18:04

Tgt Ion:152 Resp: 122994
Ion Ratio Lower Upper
152 100
115 57.6 30.3 90.9
150 156.8 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

