

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011620\
 Data File : VN059733.D
 Acq On : 16 Jan 2020 15:41
 Operator : JC/MD
 Sample : PB126118TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126118TB

Quant Time: Jan 17 07:58:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

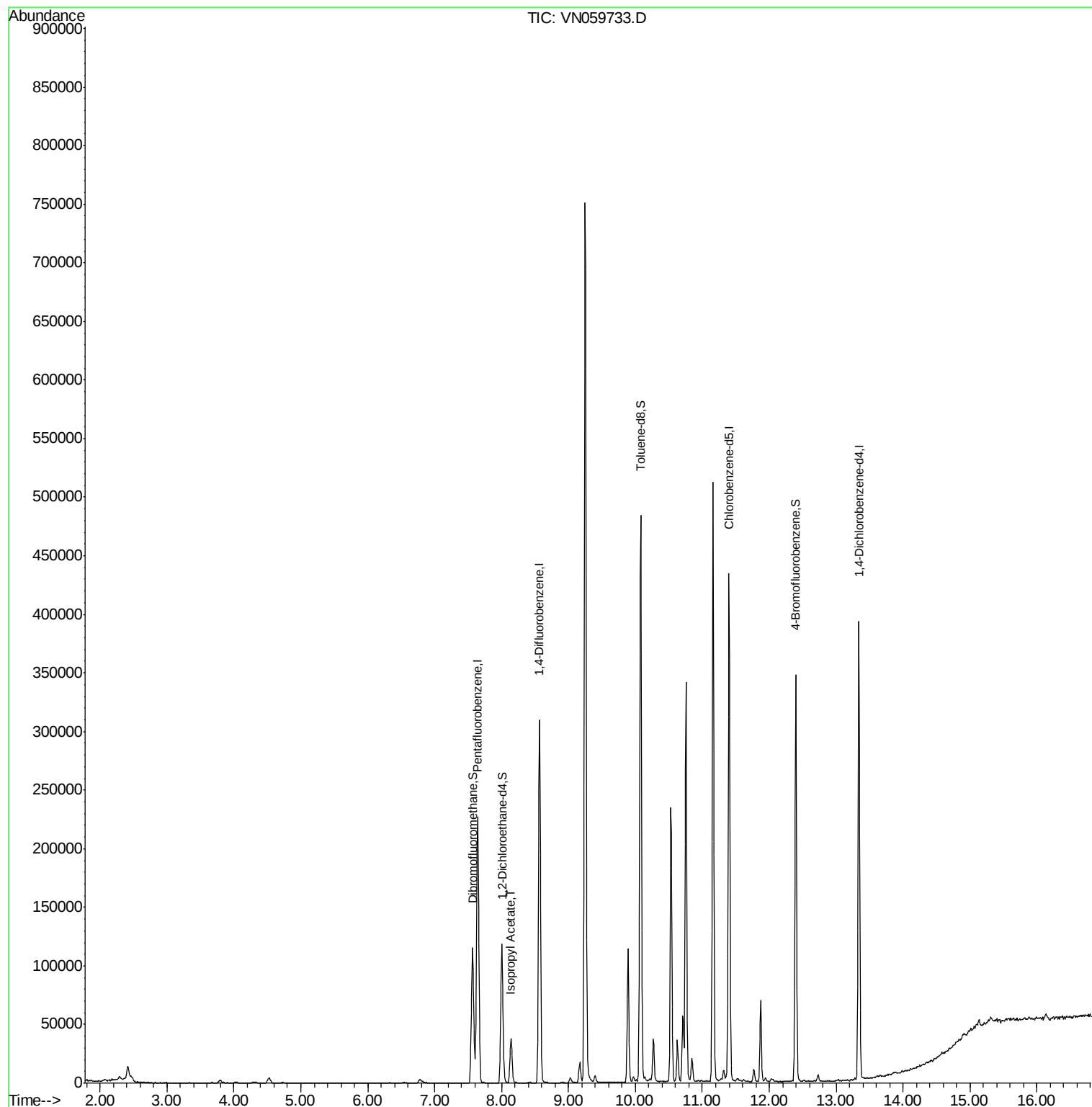
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	293075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	255813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	111119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101115	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
35) Dibromofluoromethane	7.57	113	87279	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	10.08	98	334323	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.40	95	114839	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	45601	11.075	ug/l #	Qvalue 90

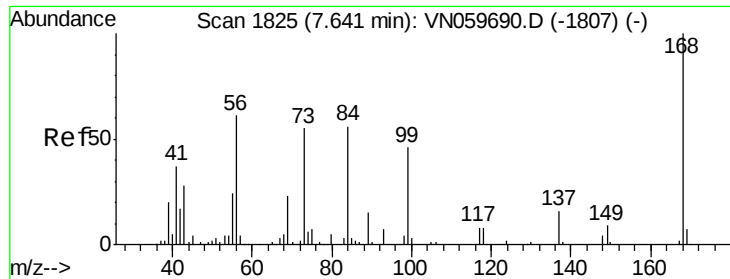
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
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: VN059733.D

Acq: 16 Jan 2020 15:41

Instrument :

MSVOA_N

ClientSampleId :

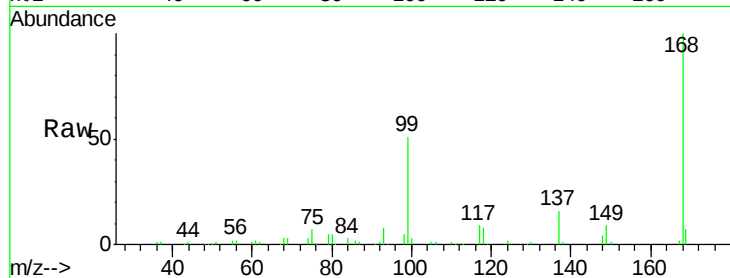
PB126118TB

Tot Ion:168 Resp: 194994

Ion Ratio Lower Upper

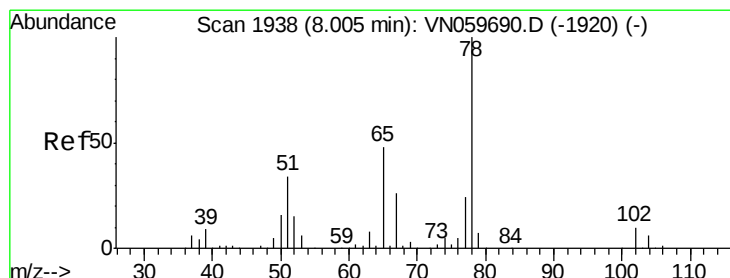
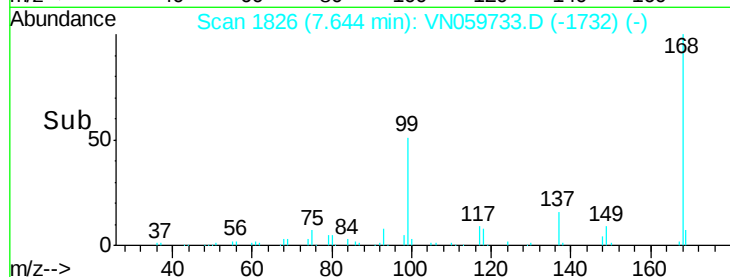
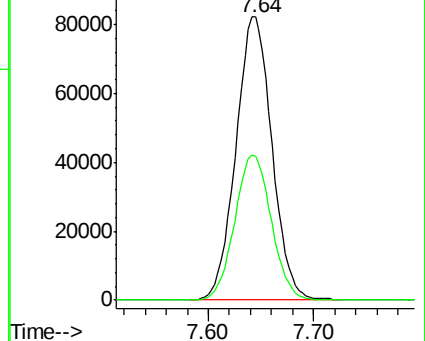
168 100

99 50.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 46.695 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059733.D

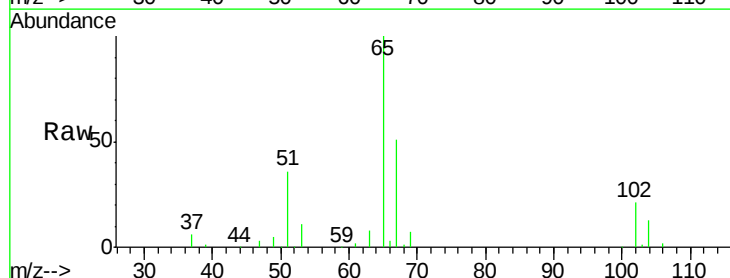
Acq: 16 Jan 2020 15:41

Tgt Ion: 65 Resp: 101115

Ion Ratio Lower Upper

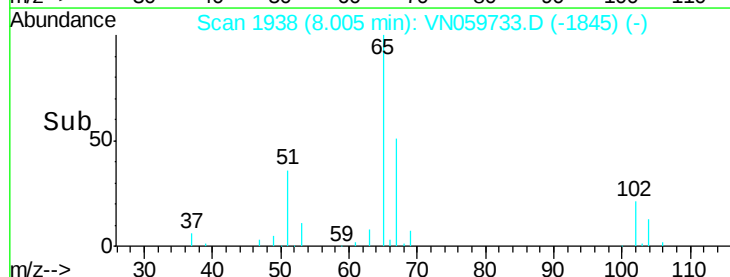
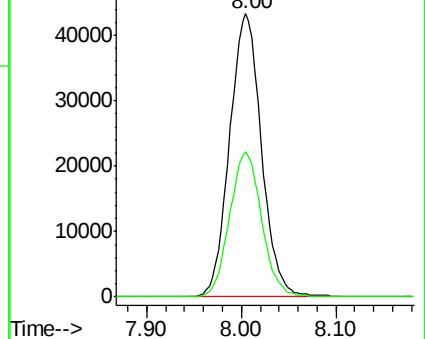
65 100

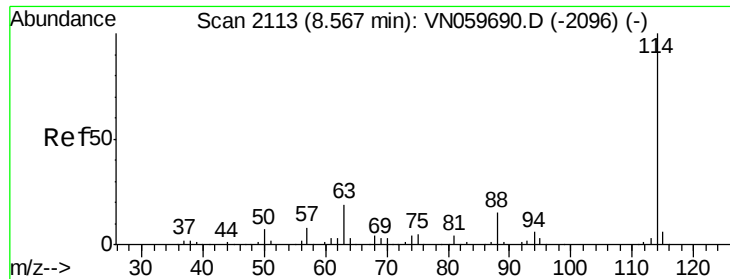
67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

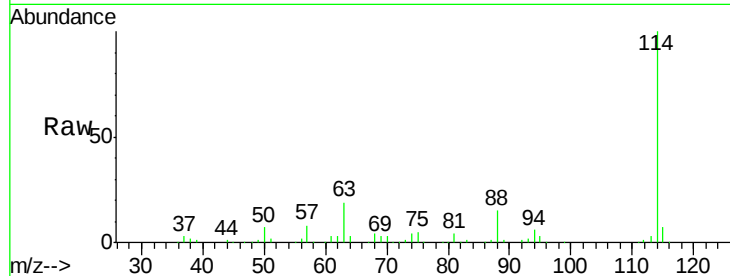




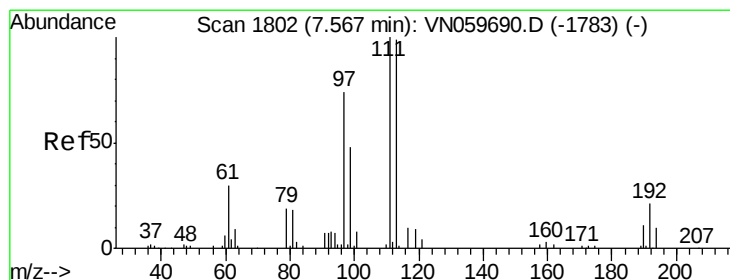
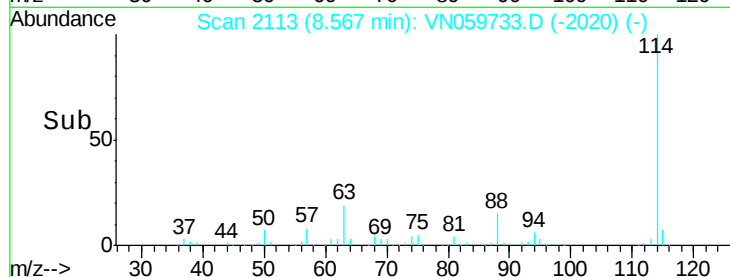
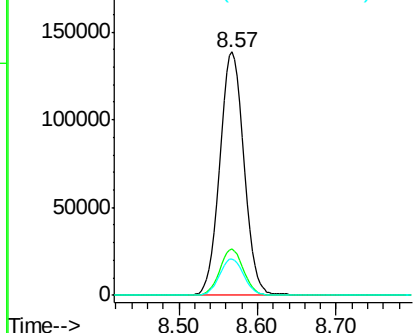
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059733.D
Acq: 16 Jan 2020 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB126118TB

Tot Ion:114 Resp: 293075
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.6
88 15.1 0.0 31.4

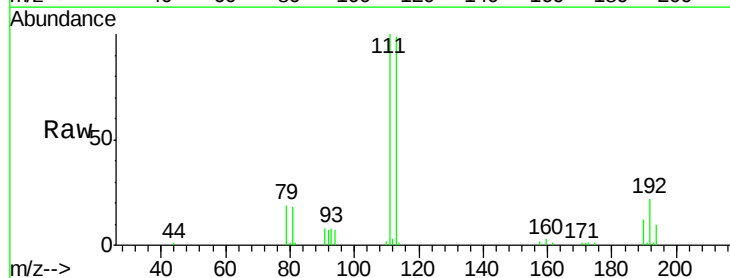


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

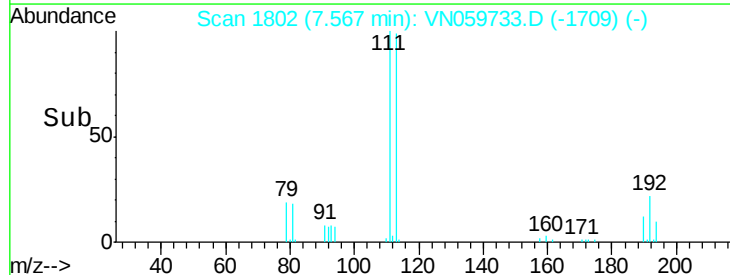
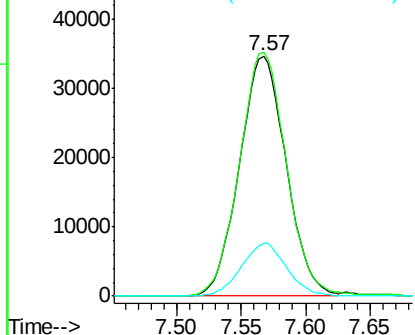


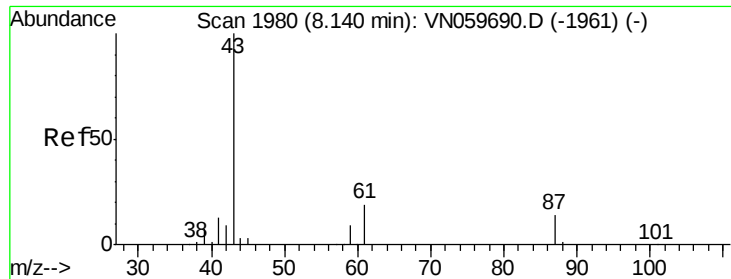
#35
Dibromofluoromethane
Concen: 49.938 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059733.D
Acq: 16 Jan 2020 15:41

Tgt Ion:113 Resp: 87279
Ion Ratio Lower Upper
113 100
111 102.2 83.5 125.3
192 21.4 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: 11.075 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059733.D

Acq: 16 Jan 2020 15:41

Instrument :

MSVOA_N

ClientSampled :

PB126118TB

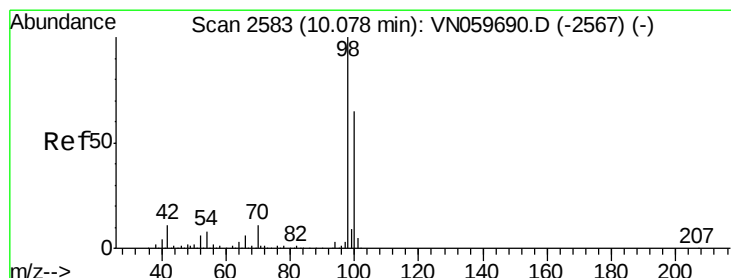
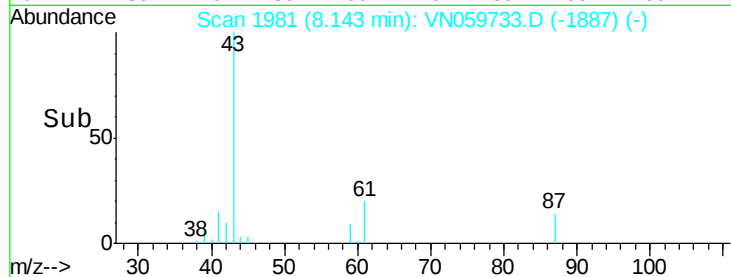
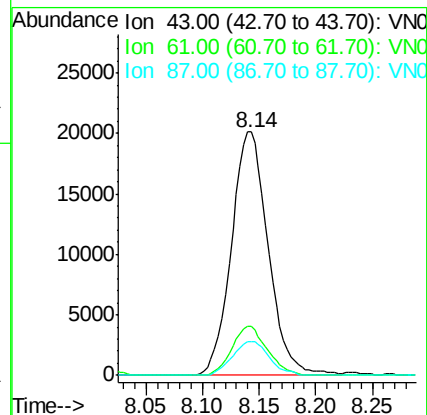
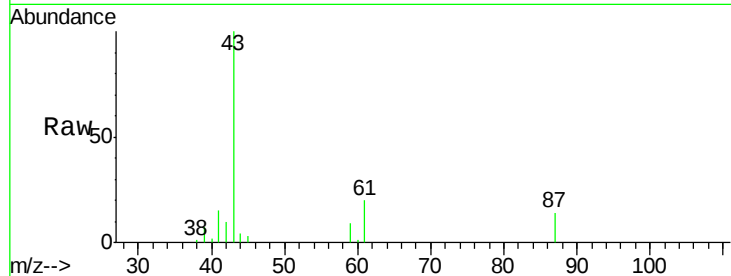
Tot Ion: 43 Resp: 45601

Ion Ratio Lower Upper

43 100

61 19.2 20.2 30.2#

87 13.9 9.5 14.3



#50

Toluene-d8

Concen: 49.371 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059733.D

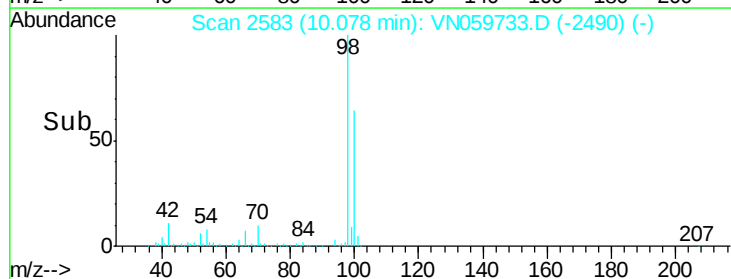
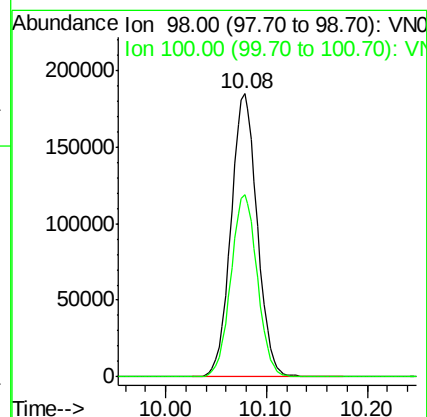
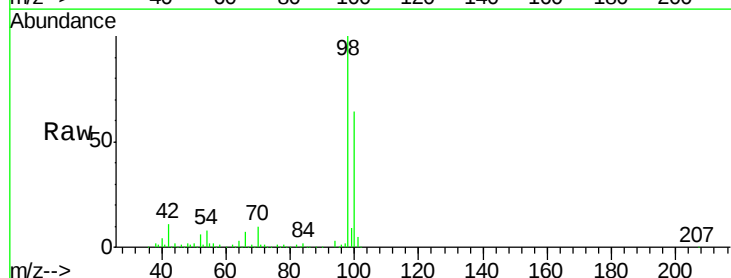
Acq: 16 Jan 2020 15:41

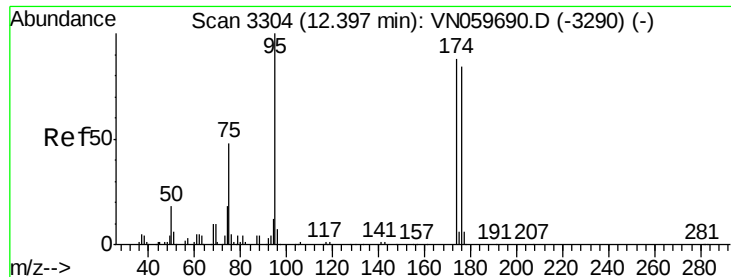
Tgt Ion: 98 Resp: 334323

Ion Ratio Lower Upper

98 100

100 65.0 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 47.043 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059733.D

Acq: 16 Jan 2020 15:41

Instrument :

MSVOA_N

ClientSampleId :

PB126118TB

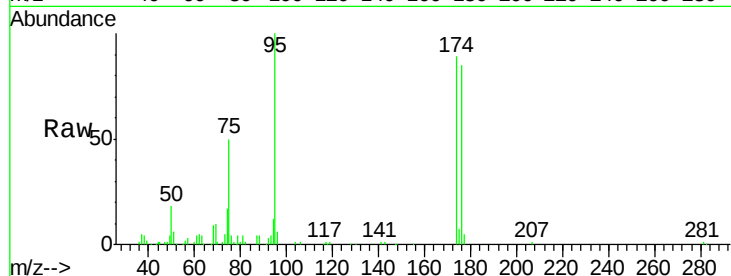
Tot Ion: 95 Resp: 114839

Ion Ratio Lower Upper

95 100

174 89.4 0.0 151.4

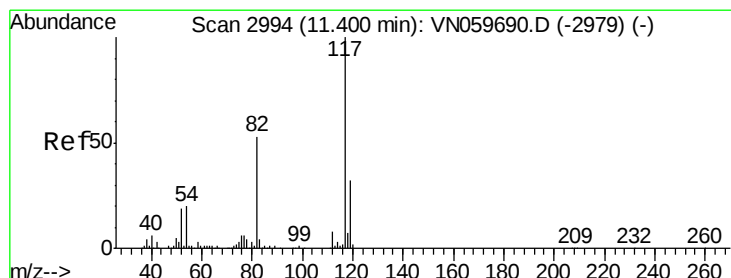
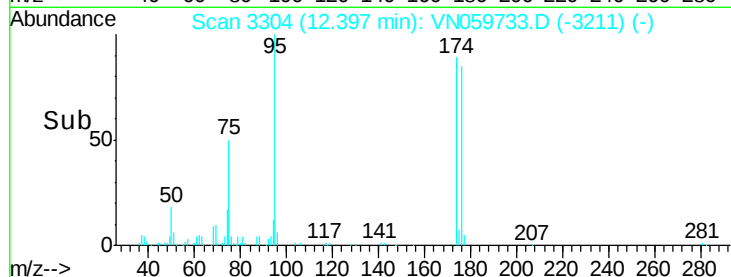
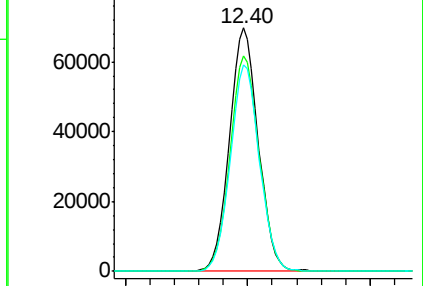
176 85.8 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059733.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059733.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059733.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059733.D

Acq: 16 Jan 2020 15:41

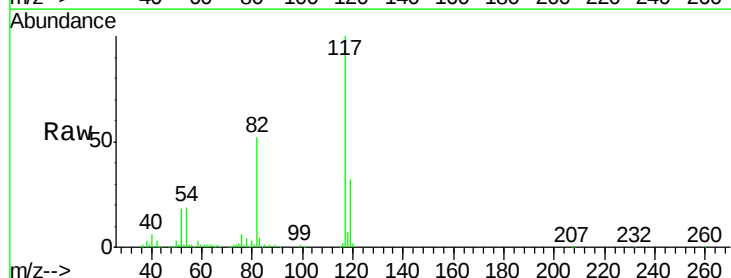
Tgt Ion: 117 Resp: 255813

Ion Ratio Lower Upper

117 100

82 52.1 45.9 68.9

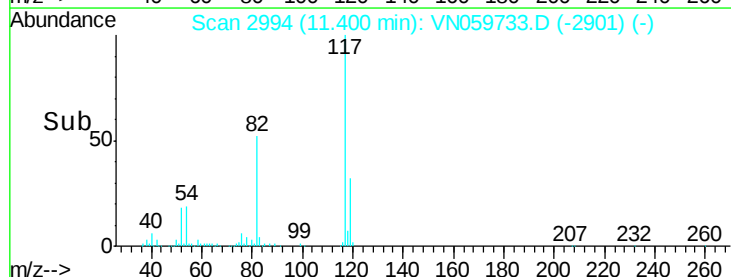
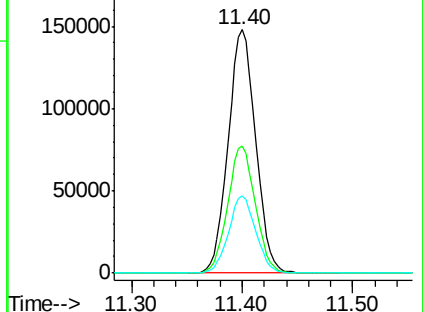
119 31.8 25.5 38.3

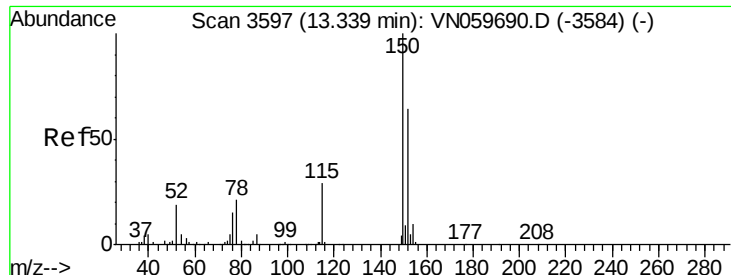


Abundance Ion 116.90 (116.60 to 117.60): VN059733.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059733.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059733.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059733.D

Acq: 16 Jan 2020 15:41

Instrument :

MSVOA_N

ClientSampleId :

PB126118TB

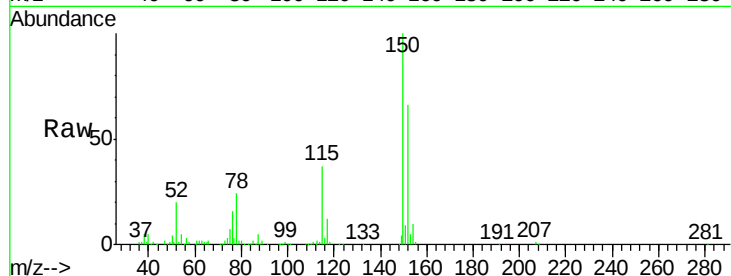
Tot Ion:152 Resp: 111119

Ion Ratio Lower Upper

152 100

115 56.7 30.3 90.9

150 154.2 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

