

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\
 Data File : VN059929.D
 Acq On : 30 Jan 2020 15:23
 Operator : JC/MD
 Sample : PB126447TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126447TB

Quant Time: Jan 30 17:19:45 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

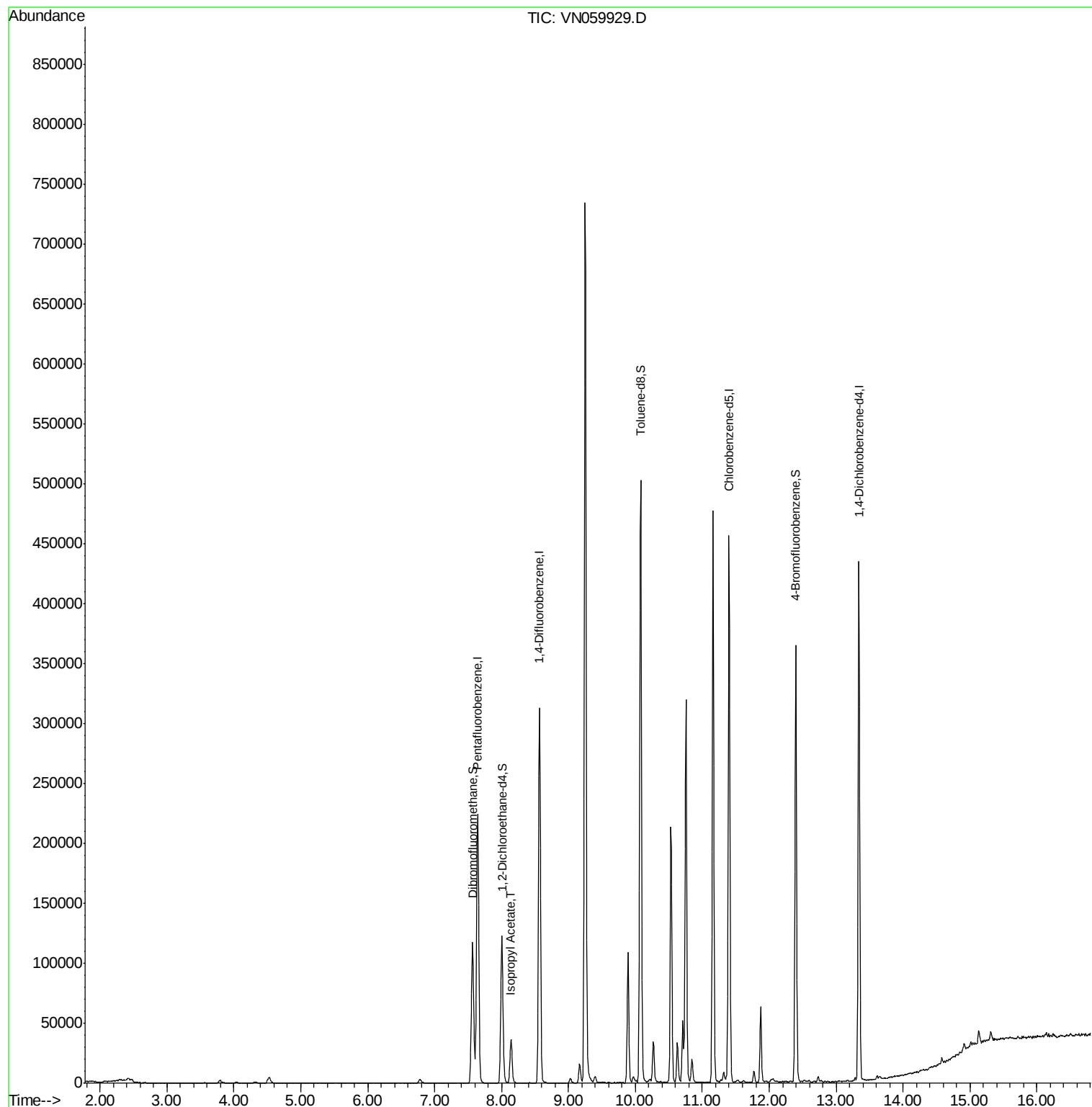
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	295220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	268242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	106076	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
35) Dibromofluoromethane	7.57	113	88914	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.08	98	351737	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.40	95	121692	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	43675	10.531	ug/l #	91

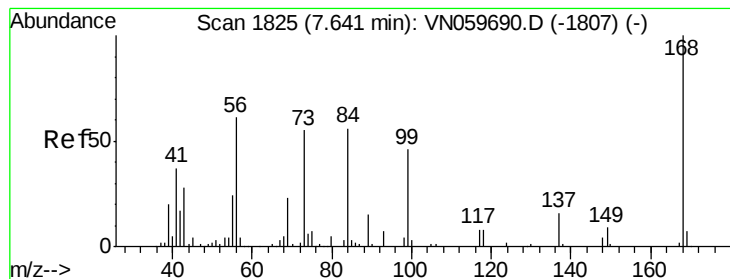
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1826

Delta R.T. 0.00 min

Lab File: VN059929.D

Acq: 30 Jan 2020 15:23

Instrument :

MSVOA_N

ClientSampled :

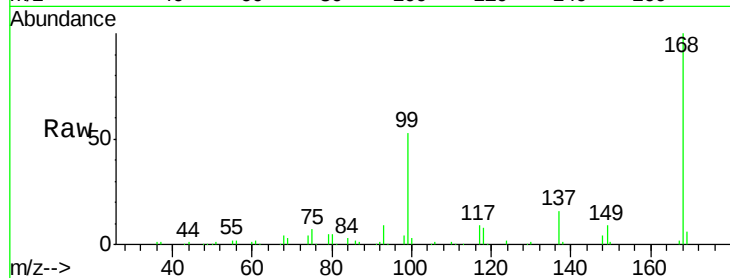
PB126447TB

Tot Ion:168 Resp: 192792

Ion Ratio Lower Upper

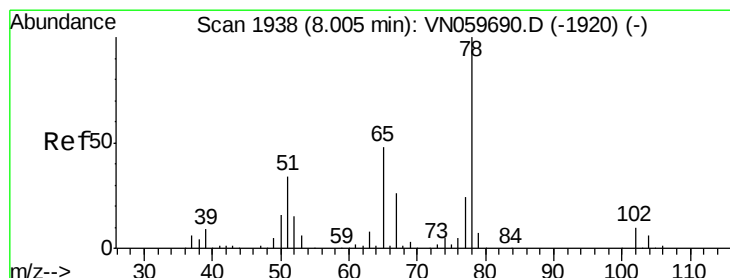
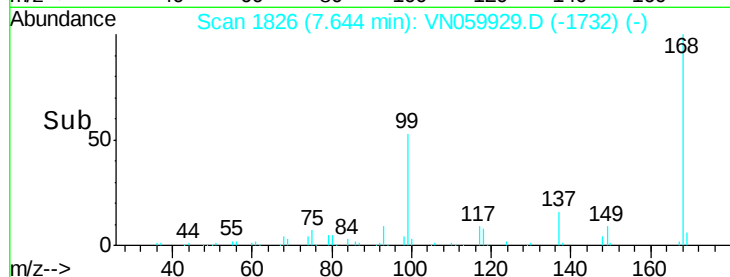
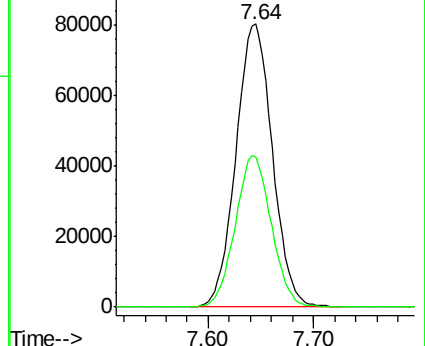
168 100

99 53.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.545 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059929.D

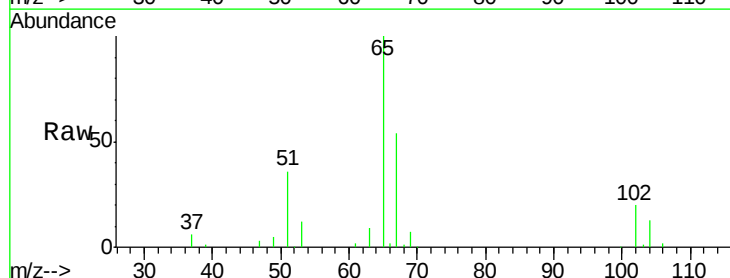
Acq: 30 Jan 2020 15:23

Tgt Ion: 65 Resp: 106076

Ion Ratio Lower Upper

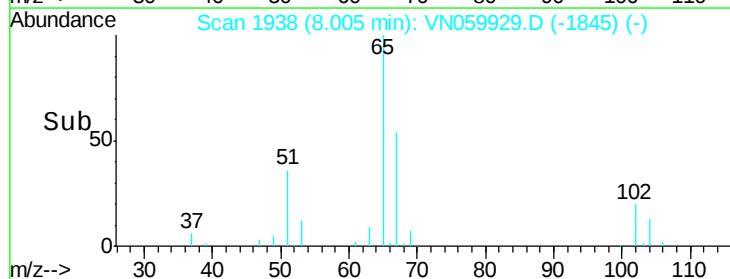
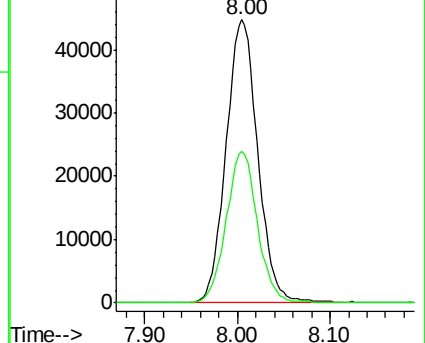
65 100

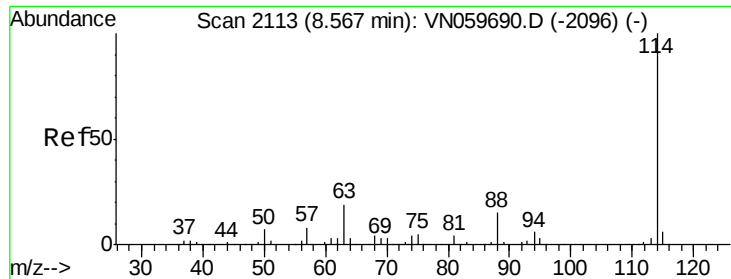
67 52.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059929.D

Acq: 30 Jan 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB126447TB

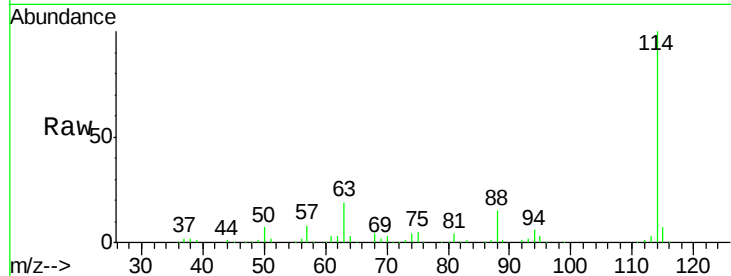
Tot Ion:114 Resp: 295220

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.6

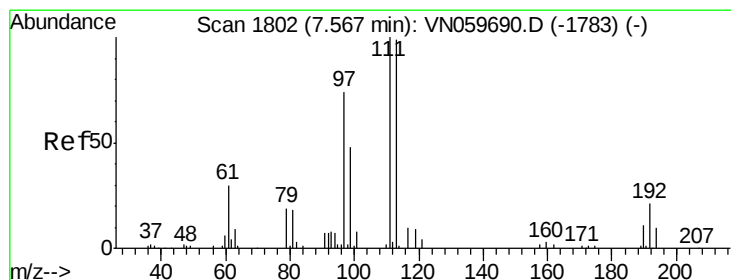
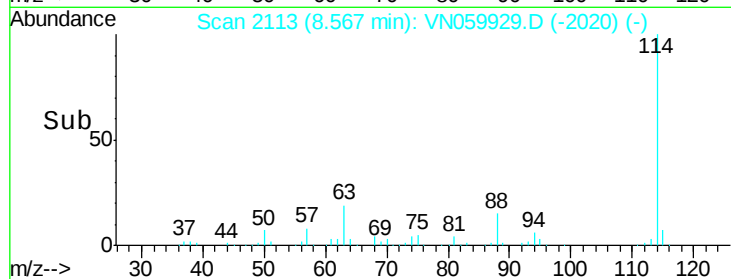
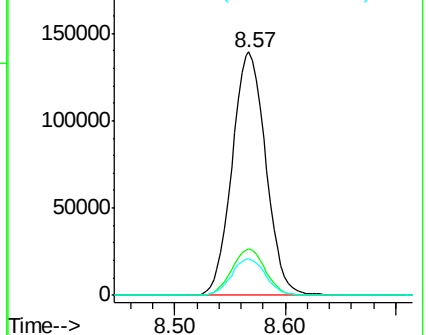
88 14.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.504 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059929.D

Acq: 30 Jan 2020 15:23

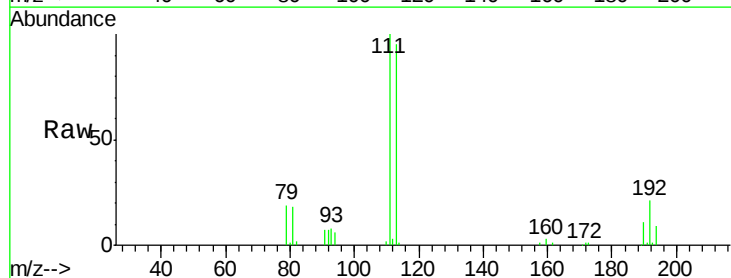
Tgt Ion:113 Resp: 88914

Ion Ratio Lower Upper

113 100

111 102.6 83.5 125.3

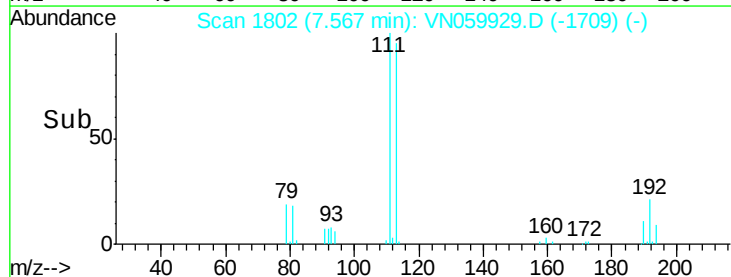
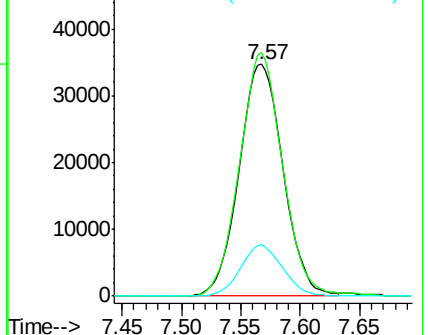
192 21.1 15.4 23.2

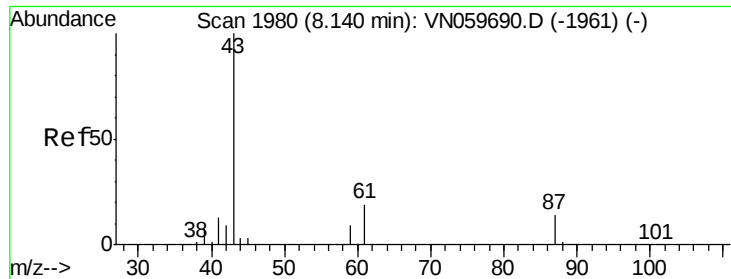


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.531 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059929.D

Acq: 30 Jan 2020 15:23

Instrument :

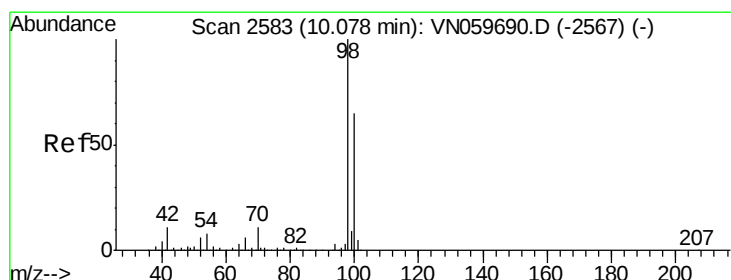
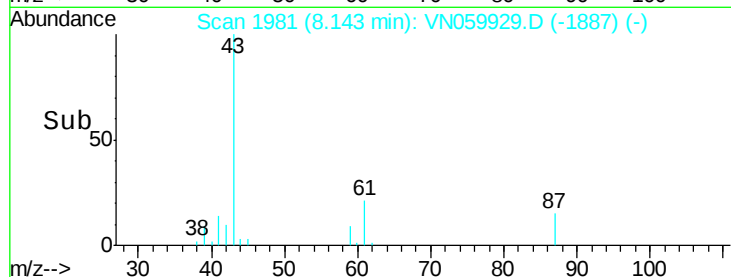
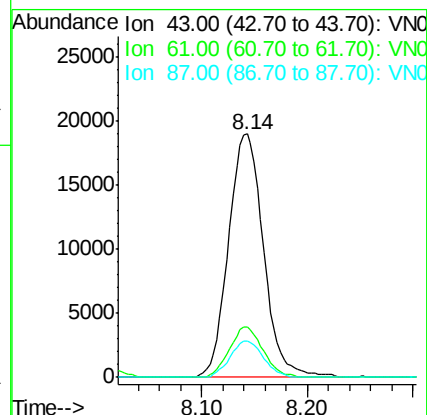
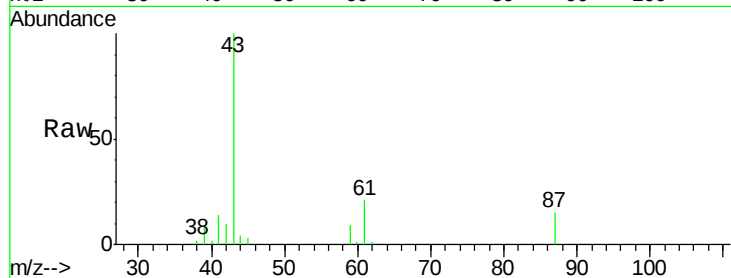
MSVOA_N

ClientSampleId :

PB126447TB

Tot Ion: 43 Resp: 43675

Ion	Ratio	Lower	Upper
43	100		
61	19.8	20.2	30.2#
87	14.2	9.5	14.3



#50

Toluene-d8

Concen: 51.565 ug/l

RT: 10.08 min Scan# 2583

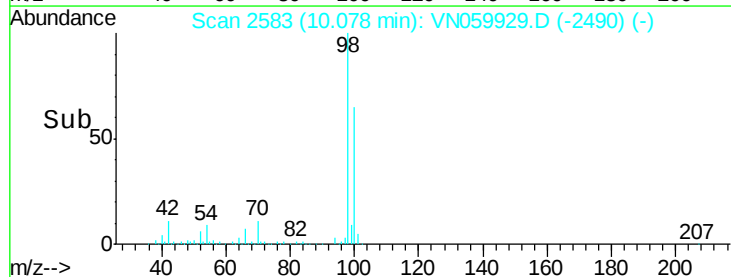
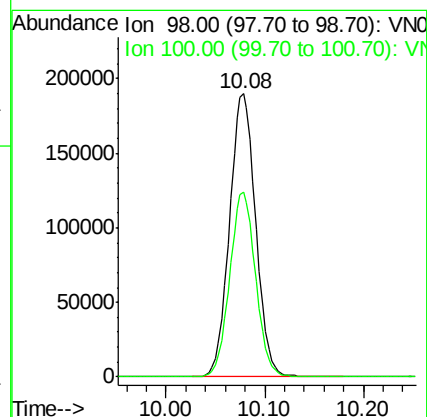
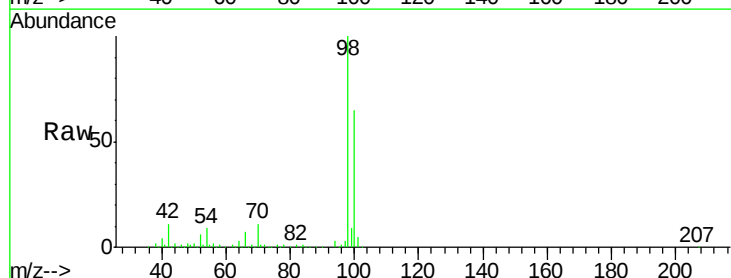
Delta R.T. 0.00 min

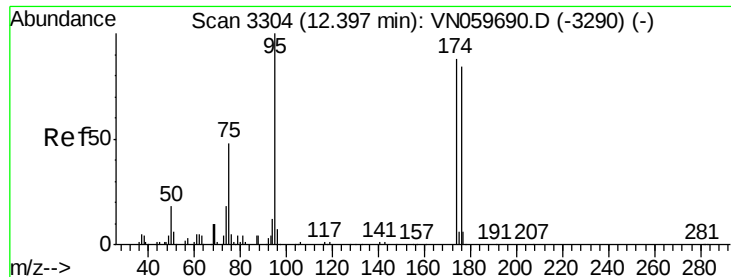
Lab File: VN059929.D

Acq: 30 Jan 2020 15:23

Tgt Ion: 98 Resp: 351737

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 49.488 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059929.D

Acq: 30 Jan 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB126447TB

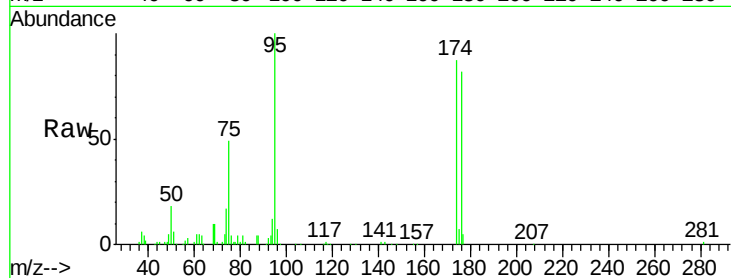
Tot Ion: 95 Resp: 121692

Ion Ratio Lower Upper

95 100

174 87.8 0.0 151.4

176 84.0 0.0 146.0

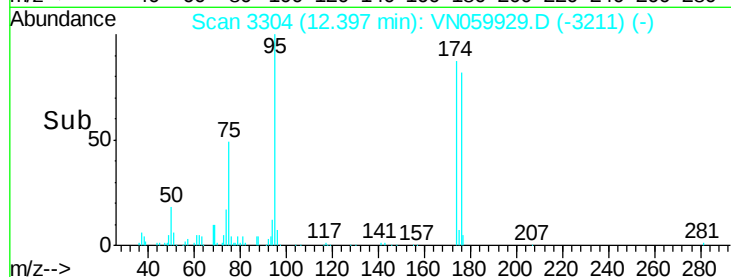


Abundance Ion 94.90 (94.60 to 95.60): VN059929.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN059929.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN059929.D (-3290) (-)

Time-->

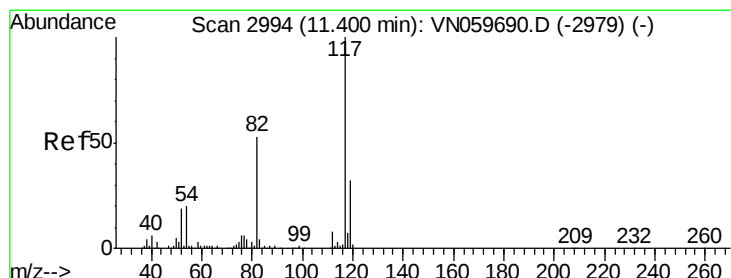


Abundance Ion 94.90 (94.60 to 95.60): VN059929.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059929.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059929.D (-3211) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059929.D

Acq: 30 Jan 2020 15:23

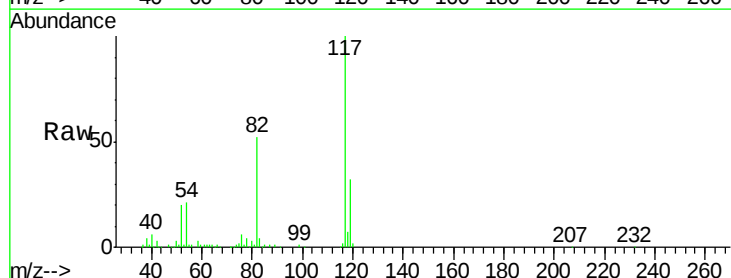
Tgt Ion: 117 Resp: 268242

Ion Ratio Lower Upper

117 100

82 52.2 45.9 68.9

119 32.2 25.5 38.3

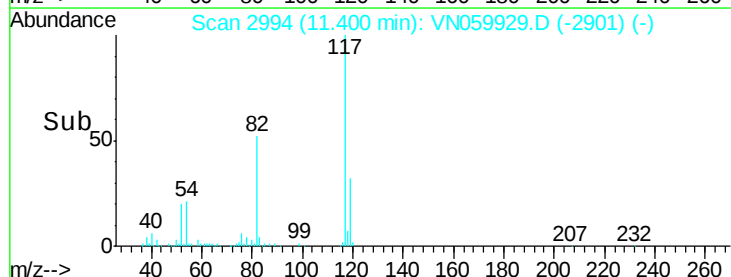


Abundance Ion 116.90 (116.60 to 117.60): VN059929.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059929.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059929.D (-2979) (-)

Time-->

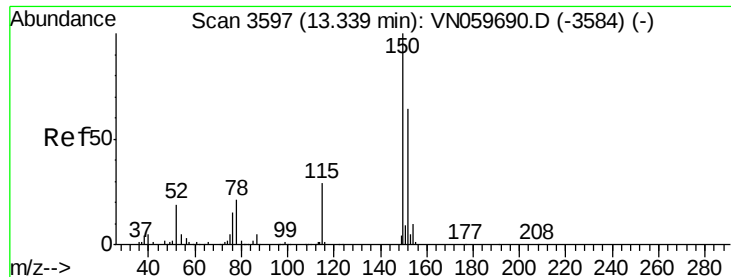


Abundance Ion 116.90 (116.60 to 117.60): VN059929.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059929.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059929.D (-2901) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059929.D

Acq: 30 Jan 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB126447TB

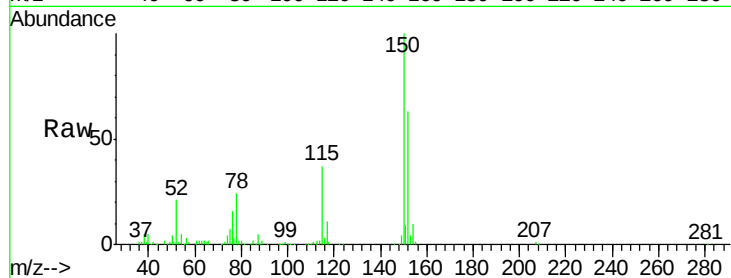
Tot Ion:152 Resp: 116227

Ion Ratio Lower Upper

152 100

115 58.4 30.3 90.9

150 158.9 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

