

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020620\
 Data File : VN060010.D
 Acq On : 6 Feb 2020 12:15
 Operator : JC/MD
 Sample : PB126618TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126618TB

Quant Time: Feb 06 18:02:54 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

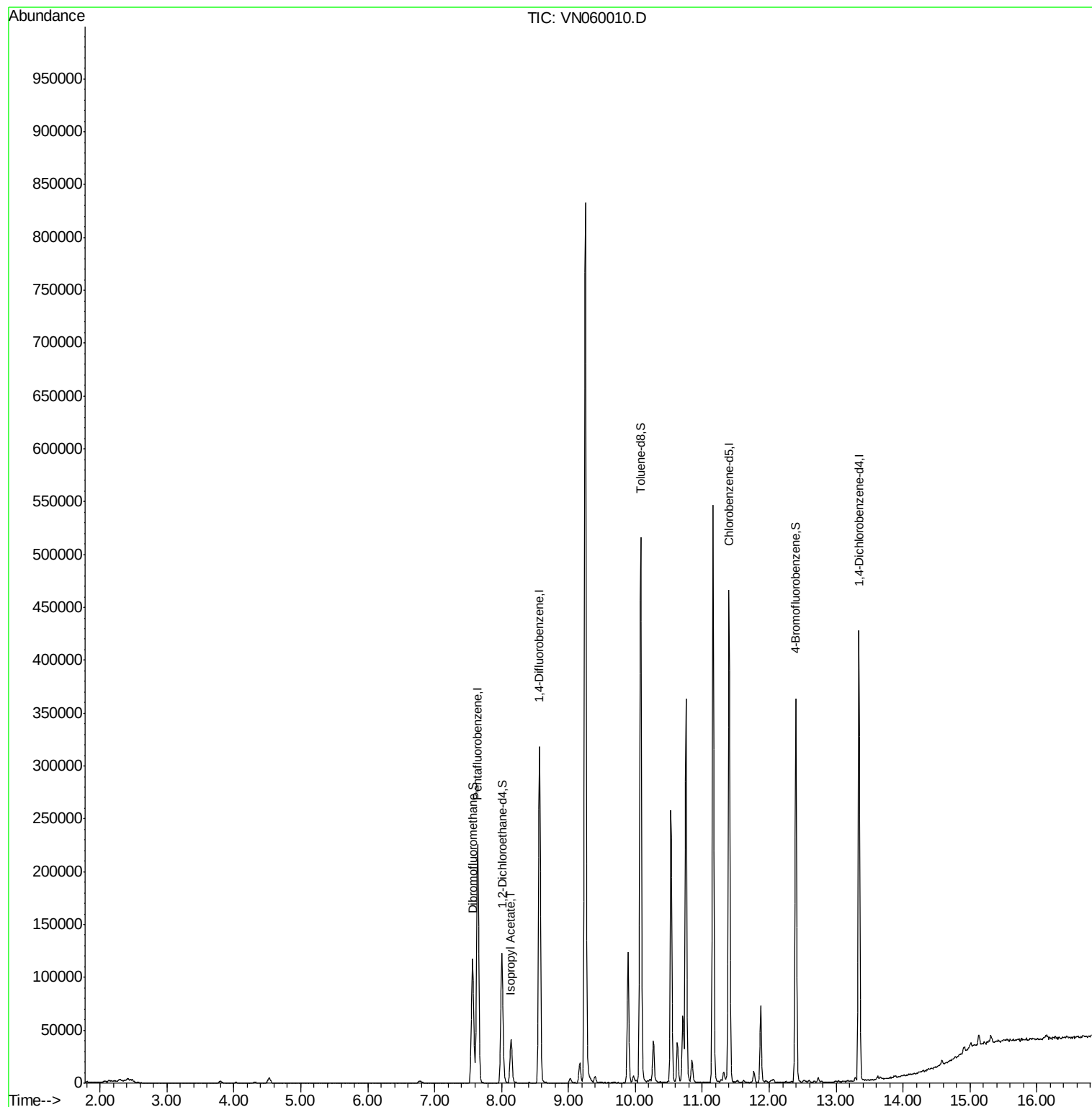
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	296920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	271114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	108361	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
35) Dibromofluoromethane	7.57	113	88907	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.08	98	352716	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.40	95	122743	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	50652	12.143	ug/l #	89

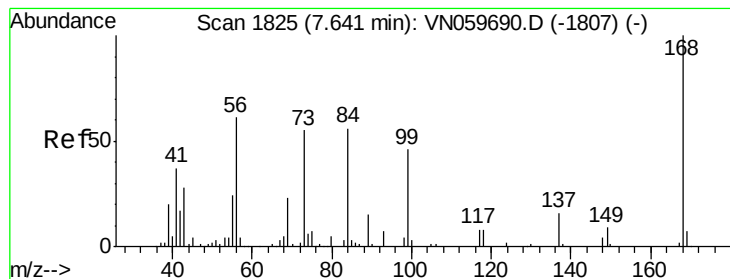
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 18 03:09:32 2020
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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: VN060010.D

Acq: 6 Feb 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

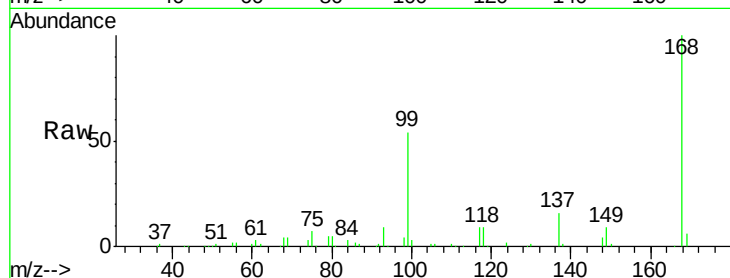
PB126618TB

Tot Ion:168 Resp: 191592

Ion Ratio Lower Upper

168 100

99 54.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

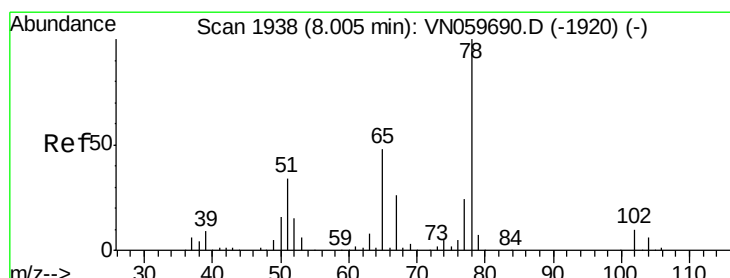
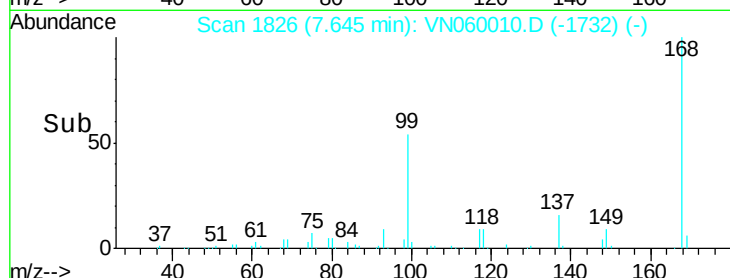
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 50.929 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060010.D

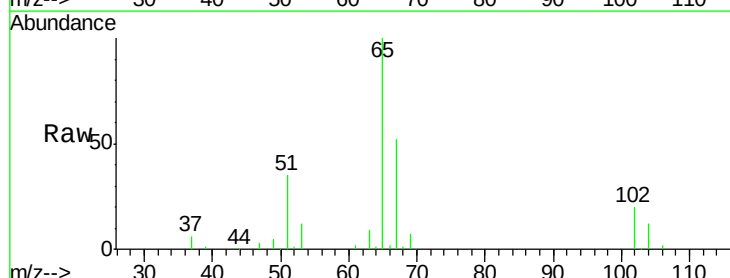
Acq: 6 Feb 2020 12:15

Tgt Ion: 65 Resp: 108361

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.00

50000

40000

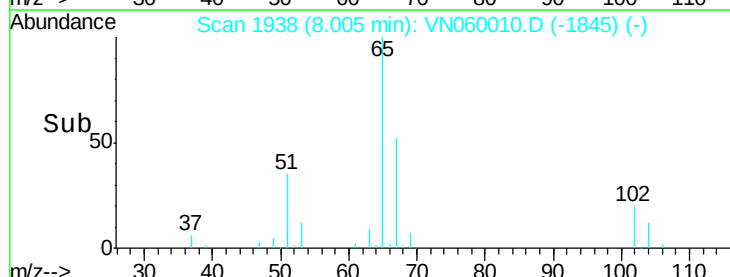
30000

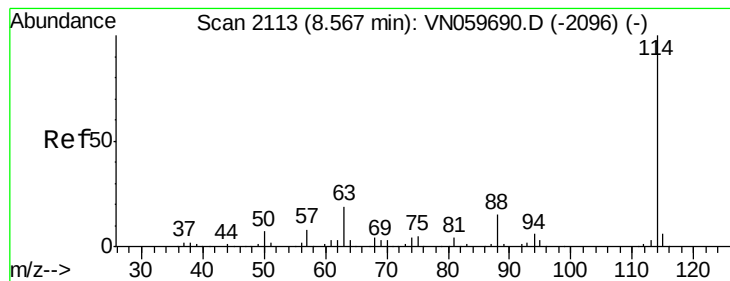
20000

10000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060010.D

Acq: 6 Feb 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

PB126618TB

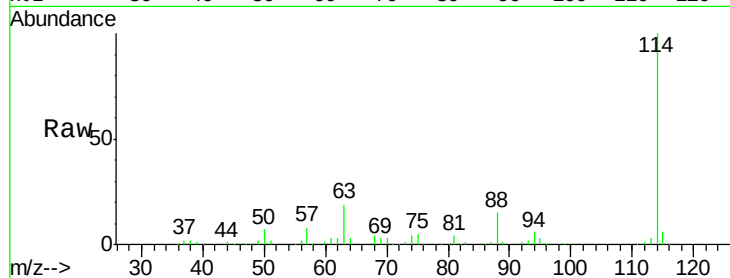
Tot Ion:114 Resp: 296920

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.6

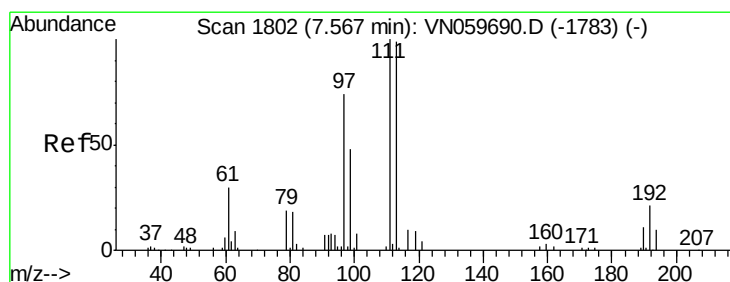
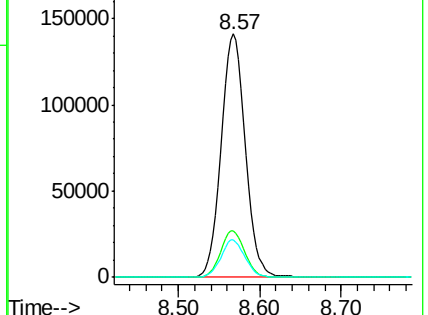
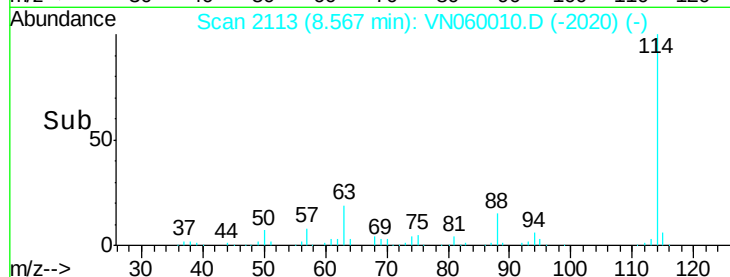
88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.211 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060010.D

Acq: 6 Feb 2020 12:15

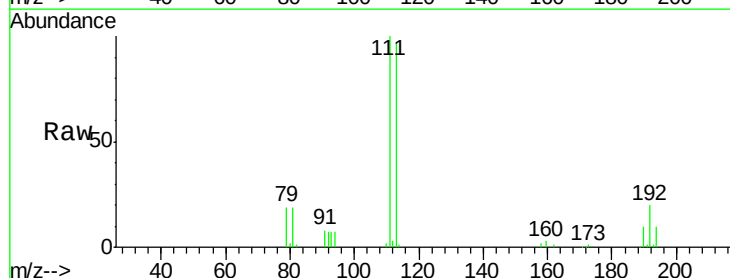
Tgt Ion:113 Resp: 88907

Ion Ratio Lower Upper

113 100

111 102.0 83.5 125.3

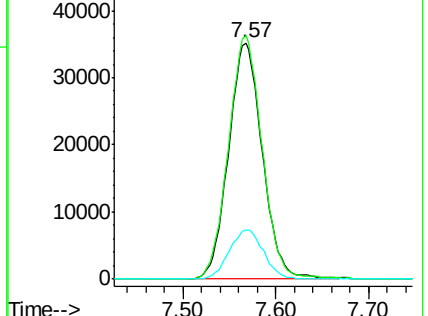
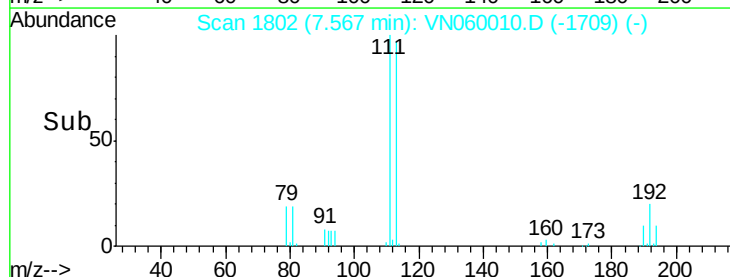
192 21.0 15.4 23.2

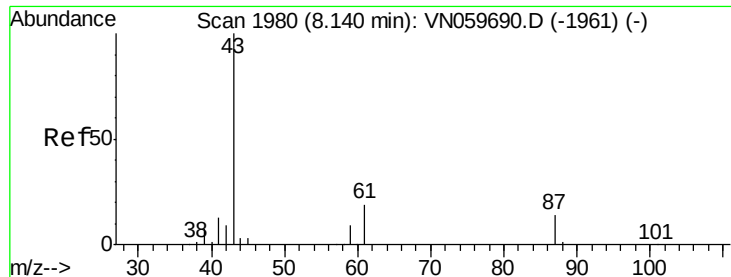


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.143 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060010.D

Acq: 6 Feb 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

PB126618TB

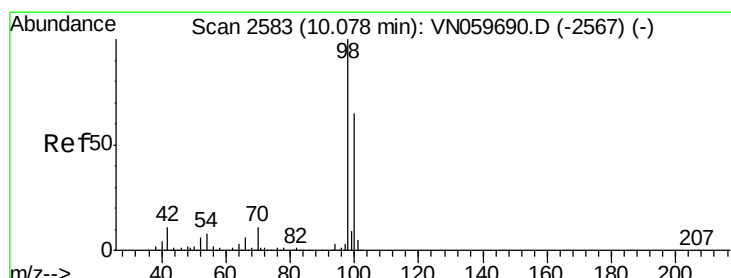
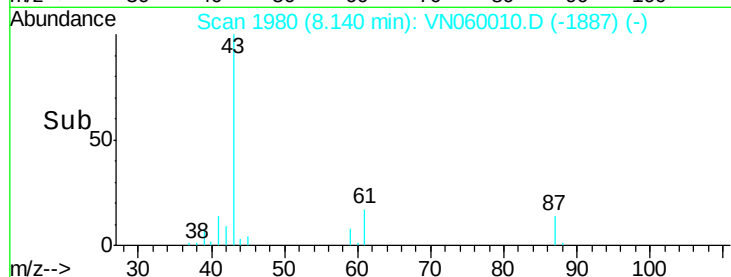
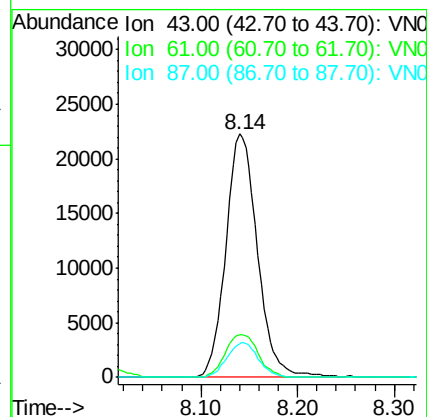
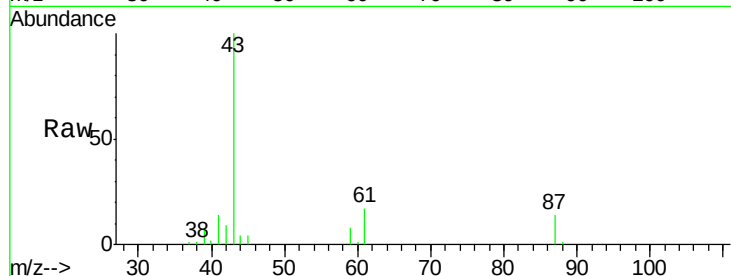
Tot Ion: 43 Resp: 50652

Ion Ratio Lower Upper

43 100

61 18.2 20.2 30.2#

87 14.1 9.5 14.3



#50

Toluene-d8

Concen: 51.413 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060010.D

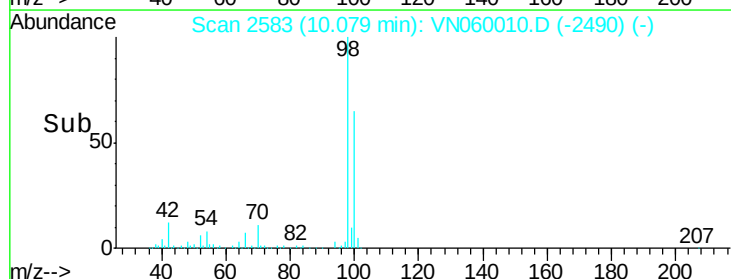
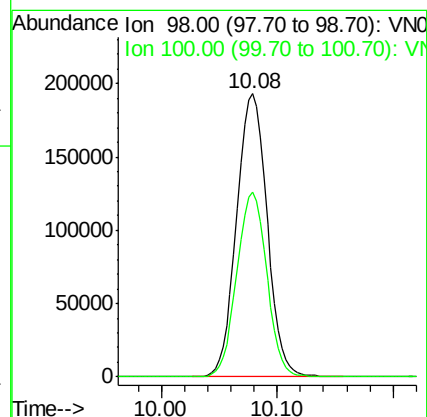
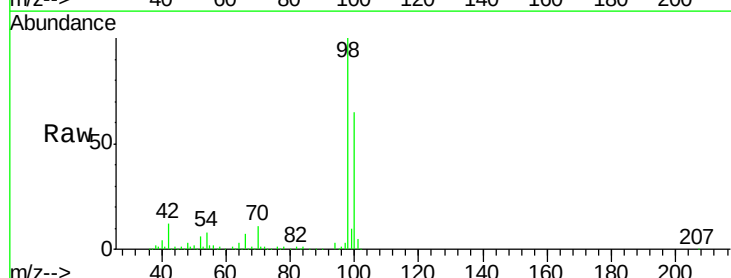
Acq: 6 Feb 2020 12:15

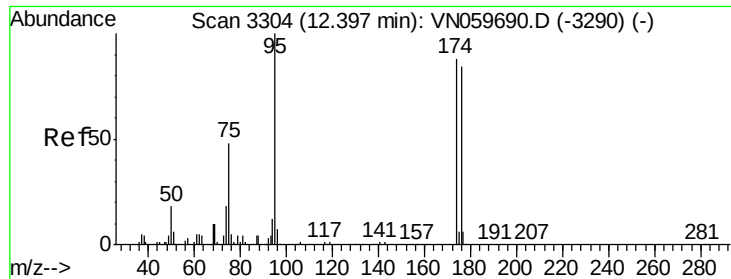
Tgt Ion: 98 Resp: 352716

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 49.630 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060010.D

Acq: 6 Feb 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

PB126618TB

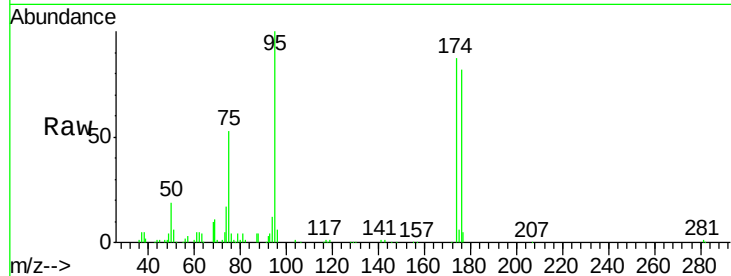
Tot Ion: 95 Resp: 122743

Ion Ratio Lower Upper

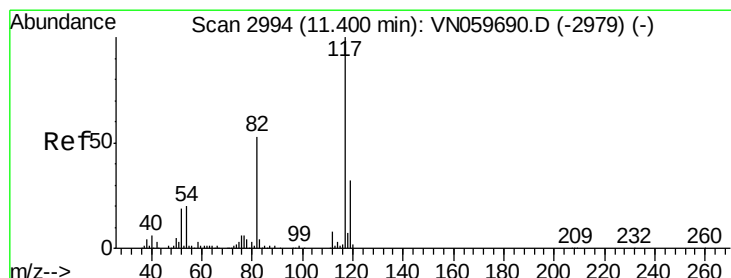
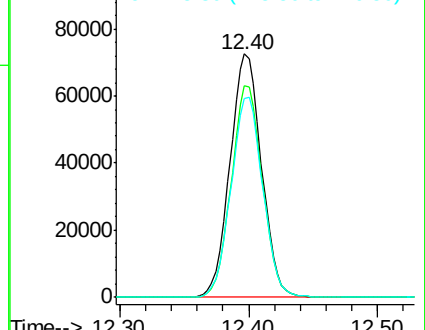
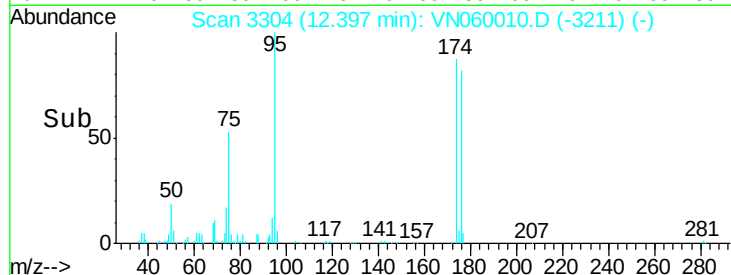
95 100

174 86.0 0.0 151.4

176 83.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN060010.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060010.D

Acq: 6 Feb 2020 12:15

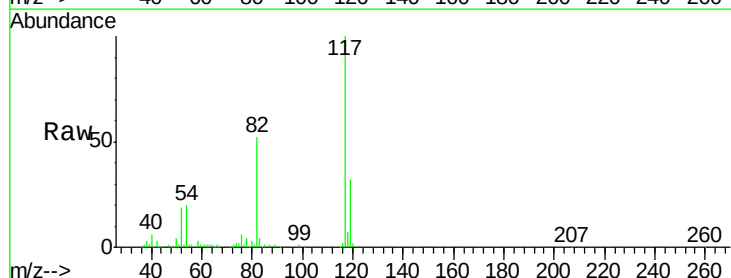
Tgt Ion: 117 Resp: 271114

Ion Ratio Lower Upper

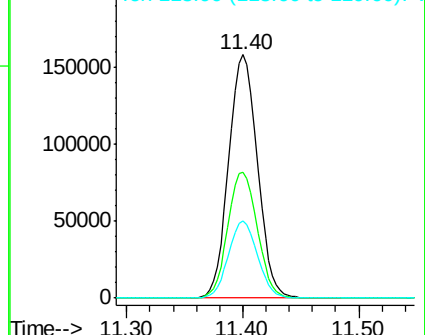
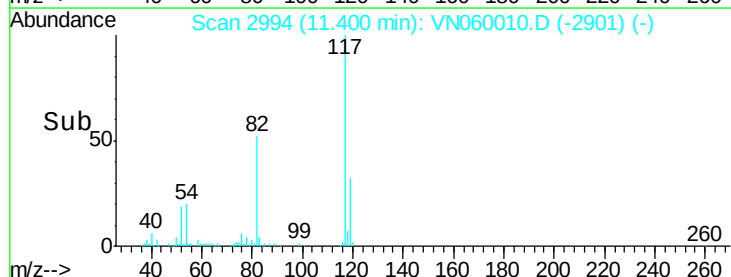
117 100

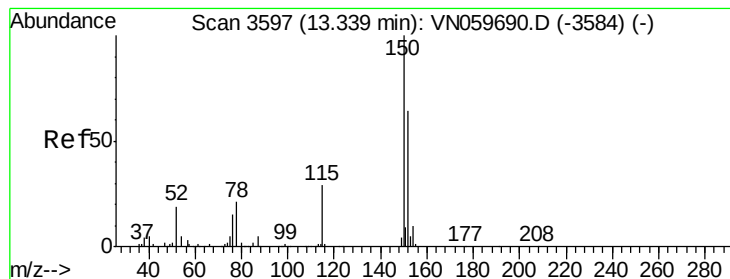
82 51.9 45.9 68.9

119 31.6 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060010.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060010.D

Acq: 6 Feb 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

PB126618TB

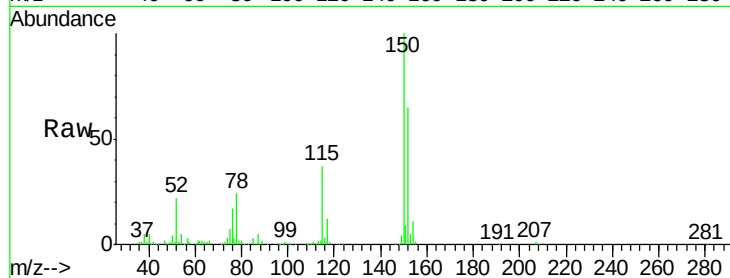
Tot Ion:152 Resp: 116421

Ion Ratio Lower Upper

152 100

115 58.8 30.3 90.9

150 155.5 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

