

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021020\
 Data File : VN060045.D
 Acq On : 10 Feb 2020 14:48
 Operator : JC/MD
 Sample : PB126661ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126661ZHE#12

Quant Time: Feb 11 07:43:12 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

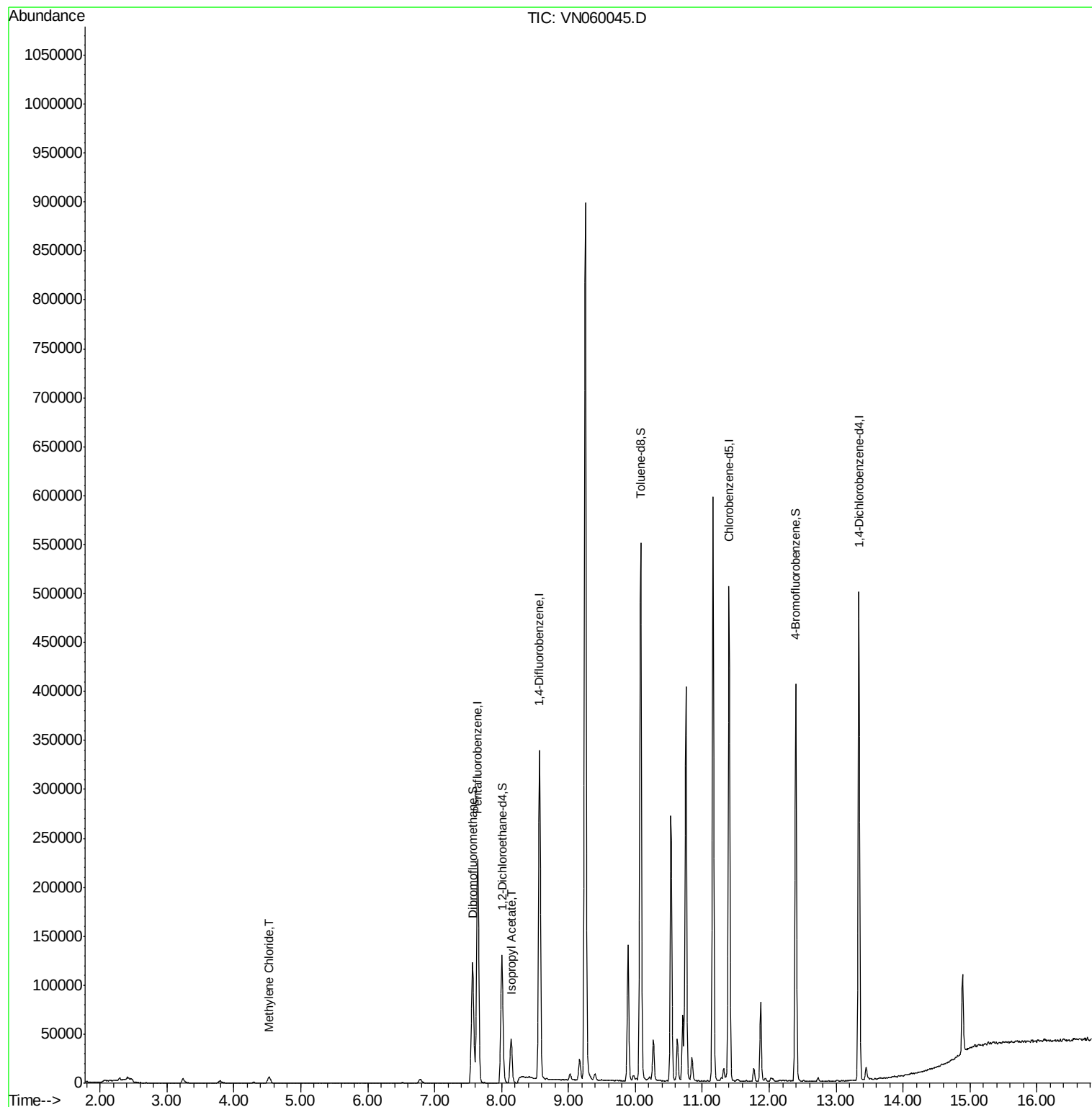
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	308666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	115051	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
35) Dibromofluoromethane	7.57	113	93631	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	10.08	98	374255	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	12.40	95	135415	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
Target Compounds						
20) Methylene Chloride	4.53	84	5080	1.340	ug/l	87
43) Isopropyl Acetate	8.14	43	54519	12.573	ug/l #	90

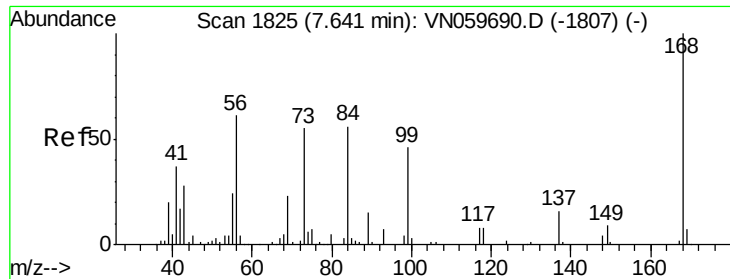
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021020\
Data File : VN060045.D
Acq On : 10 Feb 2020 14:48
Operator : JC/MD
Sample : PB126661ZHE#12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB126661ZHE#12

Quant Time: Feb 11 07:43:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
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: VN060045.D

Acq: 10 Feb 2020 14:48

Instrument :

MSVOA_N

ClientSampleId :

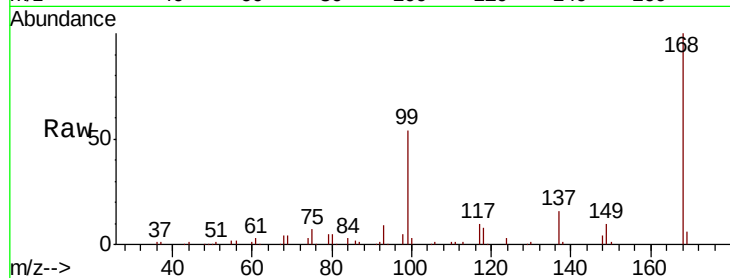
PB126661ZHE#12

Tot Ion:168 Resp: 194497

Ion Ratio Lower Upper

168 100

99 53.8 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

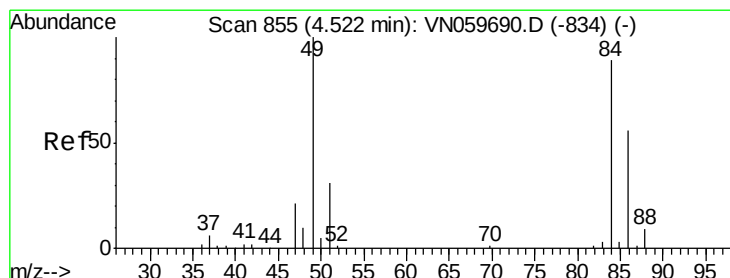
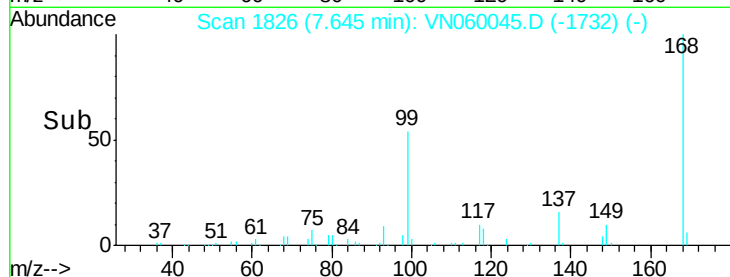
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 1.340 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN060045.D

Acq: 10 Feb 2020 14:48

Tgt Ion: 84 Resp: 5080

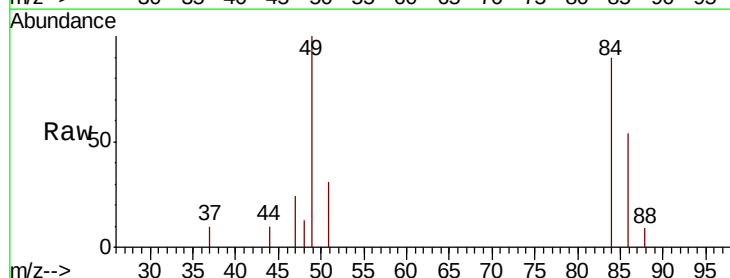
Ion Ratio Lower Upper

84 100

49 111.2 106.6 160.0

51 34.2 31.9 47.9

86 59.9 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

3000

2500

2000

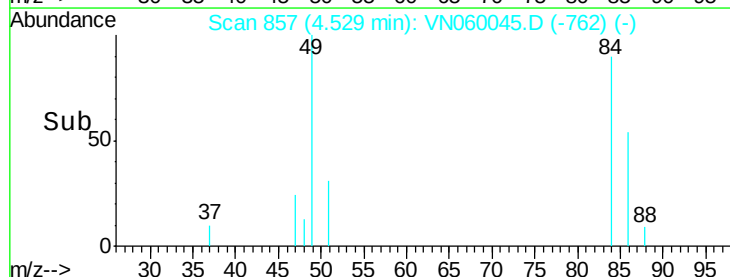
1500

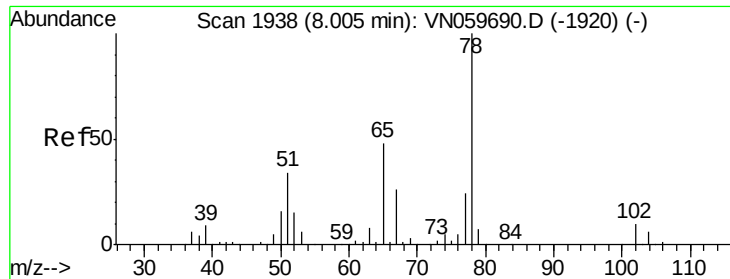
1000

500

0

Time-->

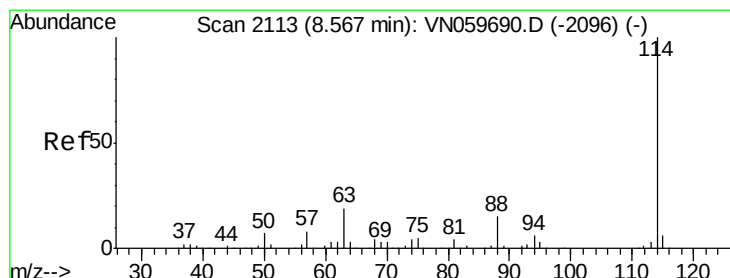
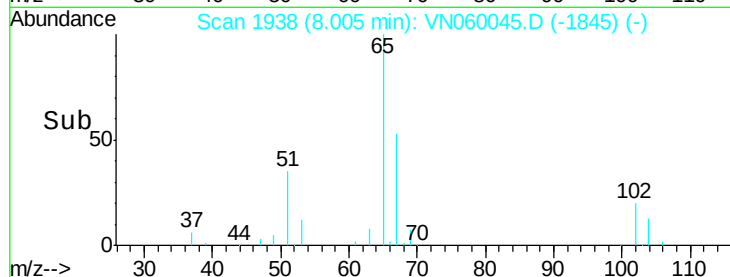
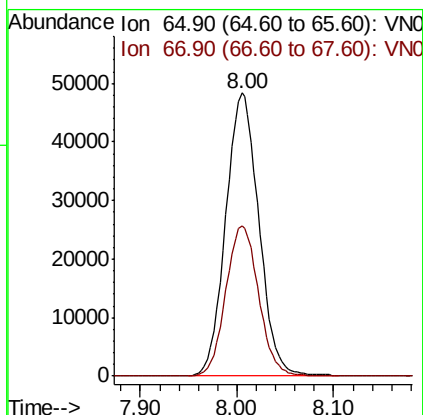
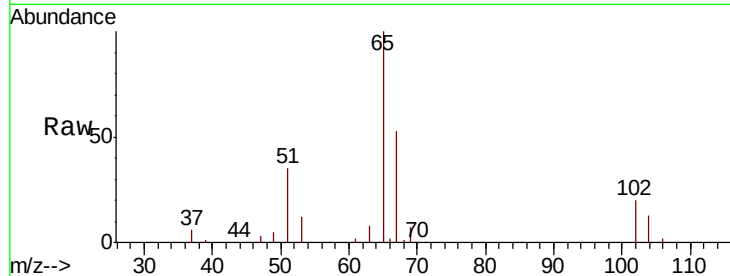




#33
 1,2-Dichloroethane-d4
 Concen: 53.266 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060045.D
 Acq: 10 Feb 2020 14:48

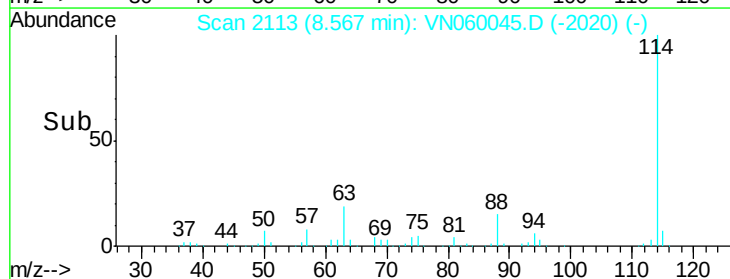
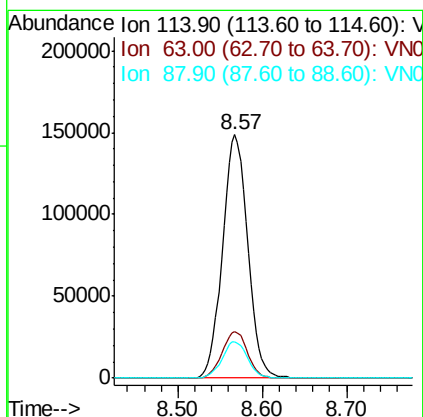
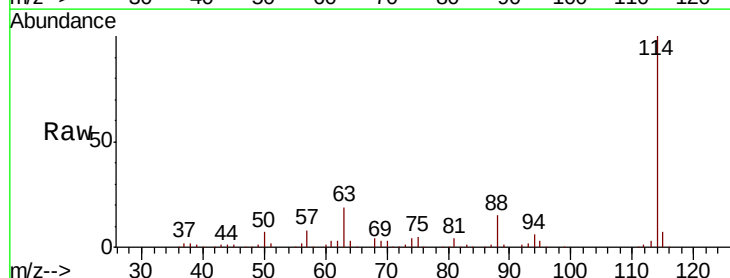
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126661ZHE#12

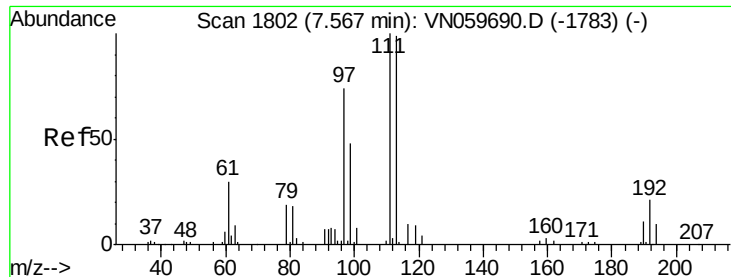
Tot Ion: 65 Resp: 115051
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060045.D
 Acq: 10 Feb 2020 14:48

Tgt Ion: 114 Resp: 308666
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 43.6
 88 14.9 0.0 31.4

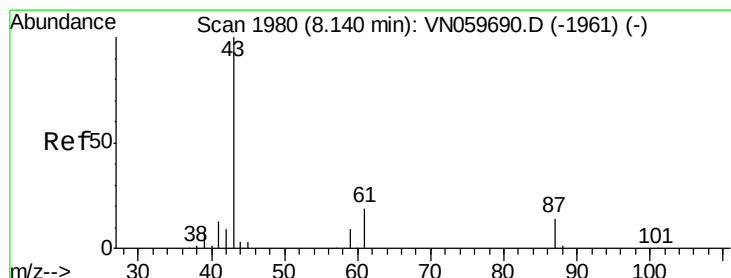
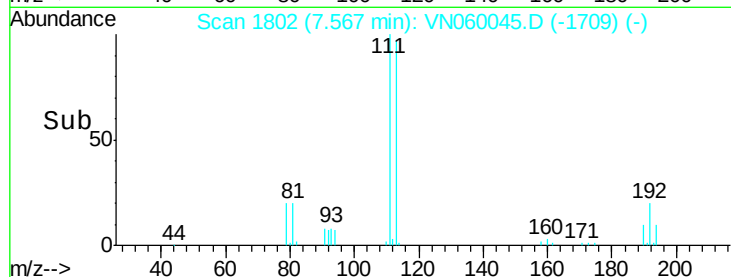
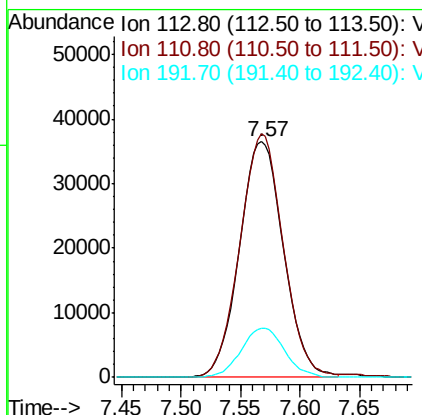
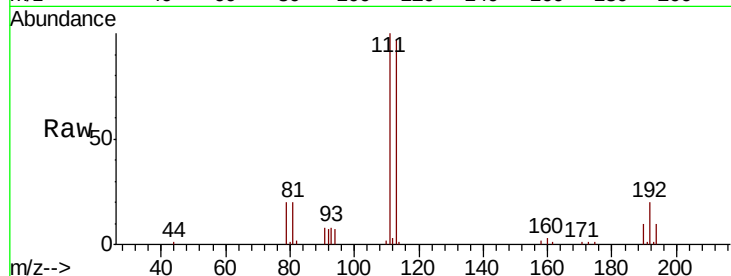




#35
 Dibromofluoromethane
 Concen: 50.867 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060045.D
 Acq: 10 Feb 2020 14:48

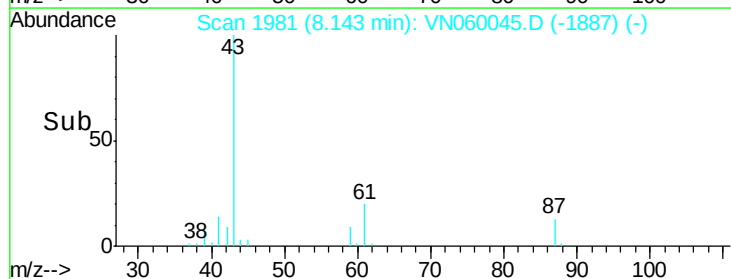
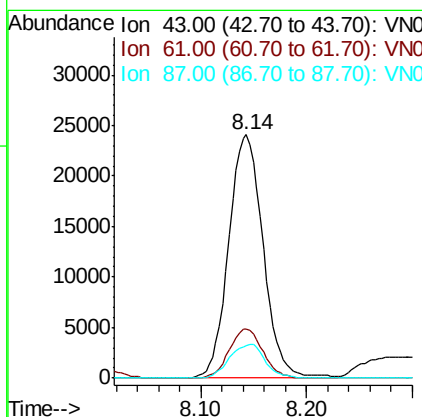
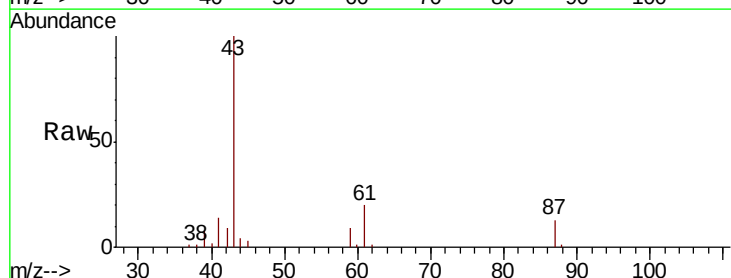
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126661ZHE#12

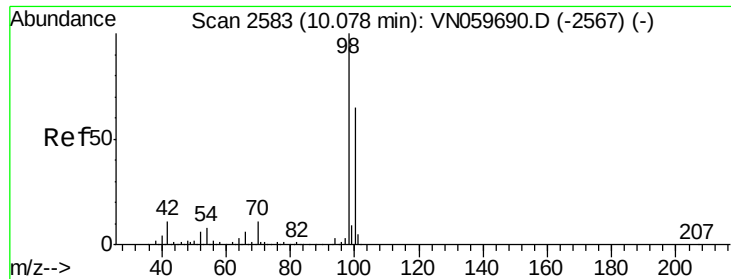
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.5	125.3
192	20.6	15.4	23.2



#43
 Isopropyl Acetate
 Concen: 12.573 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060045.D
 Acq: 10 Feb 2020 14:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	20.2	30.2#
87	14.3	9.5	14.3





#50

Toluene-d8

Concen: 52.477 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060045.D

Acq: 10 Feb 2020 14:48

Instrument :

MSVOA_N

ClientSampleId :

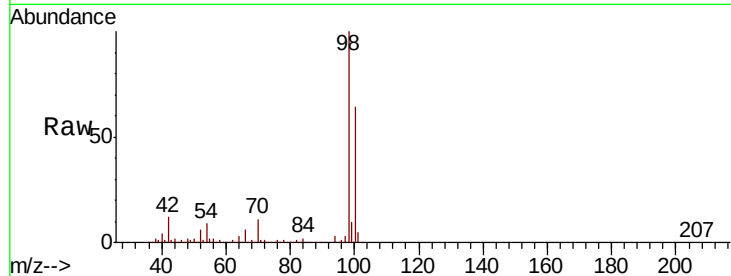
PB126661ZHE#12

Tot Ion: 98 Resp: 374255

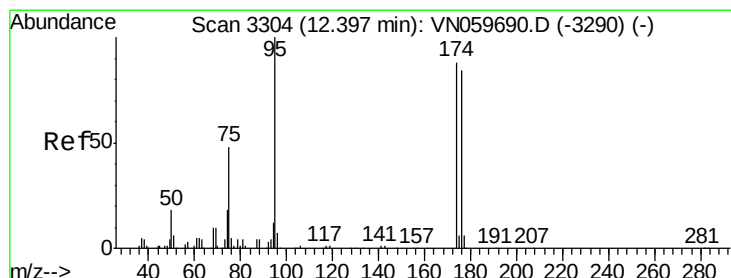
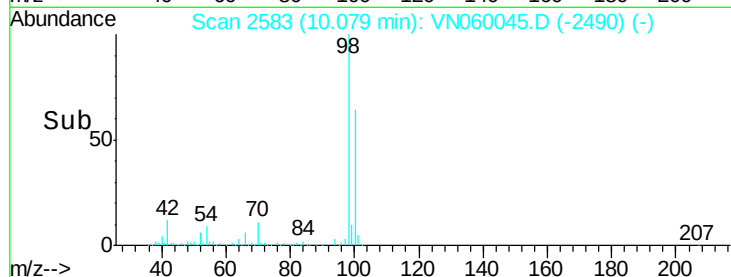
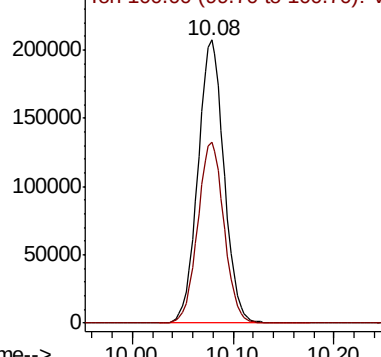
Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN060045.D (-2490) (-)



#62

4-Bromofluorobenzene

Concen: 52.670 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060045.D

Acq: 10 Feb 2020 14:48

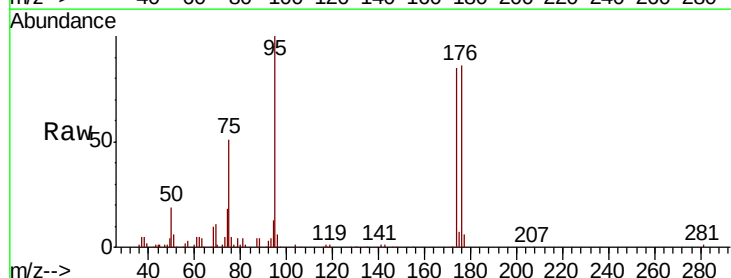
Tgt Ion: 95 Resp: 135415

Ion Ratio Lower Upper

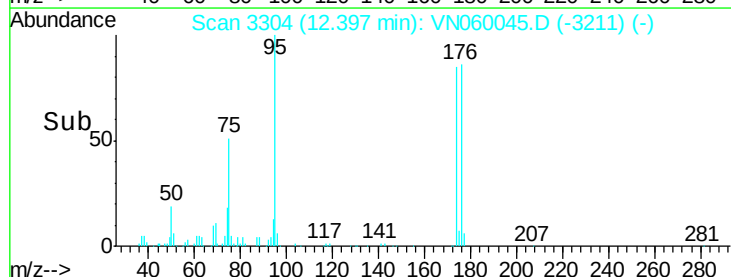
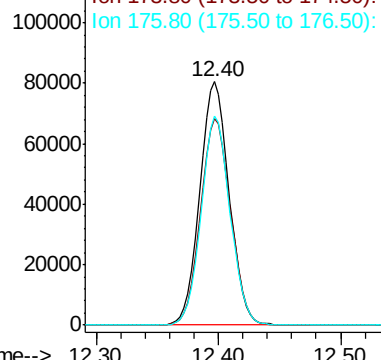
95 100

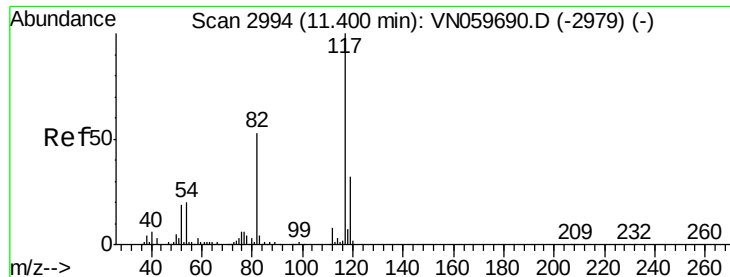
174 86.3 0.0 151.4

176 84.4 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN060045.D (-3211) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060045.D

Acq: 10 Feb 2020 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB126661ZHE#12

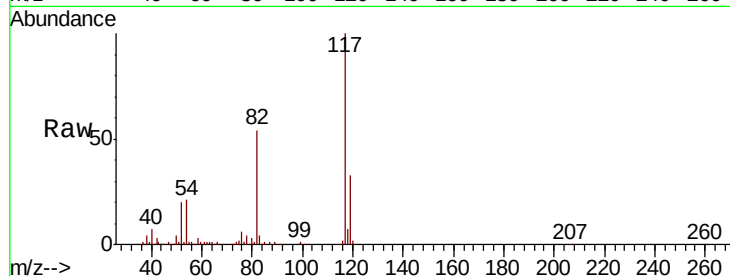
Tot Ion:117 Resp: 293161

Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

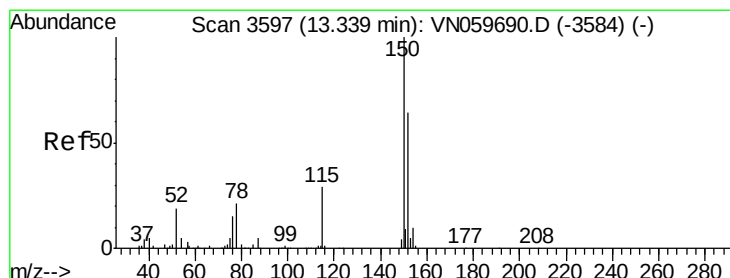
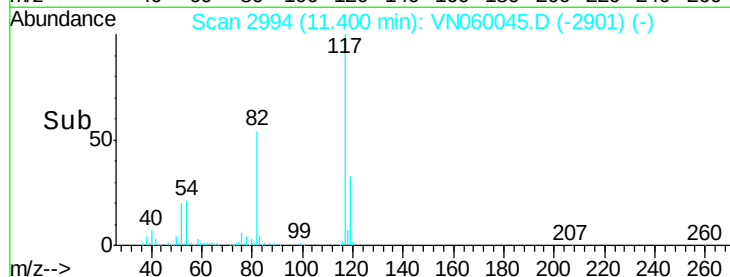
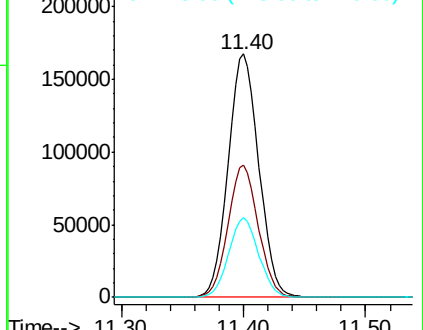
119 32.5 25.5 38.3



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: VN060045.D

Acq: 10 Feb 2020 14:48

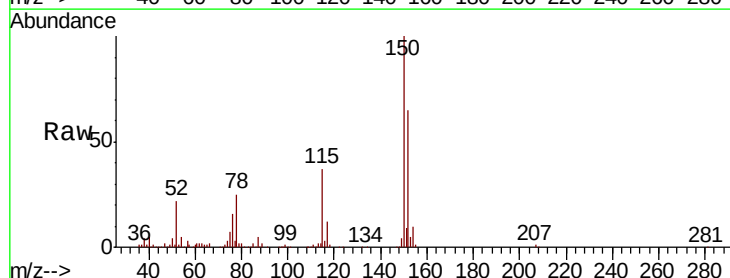
Tgt Ion:152 Resp: 134689

Ion Ratio Lower Upper

152 100

115 58.1 30.3 90.9

150 156.6 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

