

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058726.D
 Acq On : 12 Oct 2019 1:10
 Operator : JC/SP
 Sample : PB123827TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123827TB

Quant Time: Oct 12 05:54:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	423477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	670234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	591910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	239123	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	304489	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	7.57	113	217899	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	10.08	98	845288	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.40	95	277467	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	

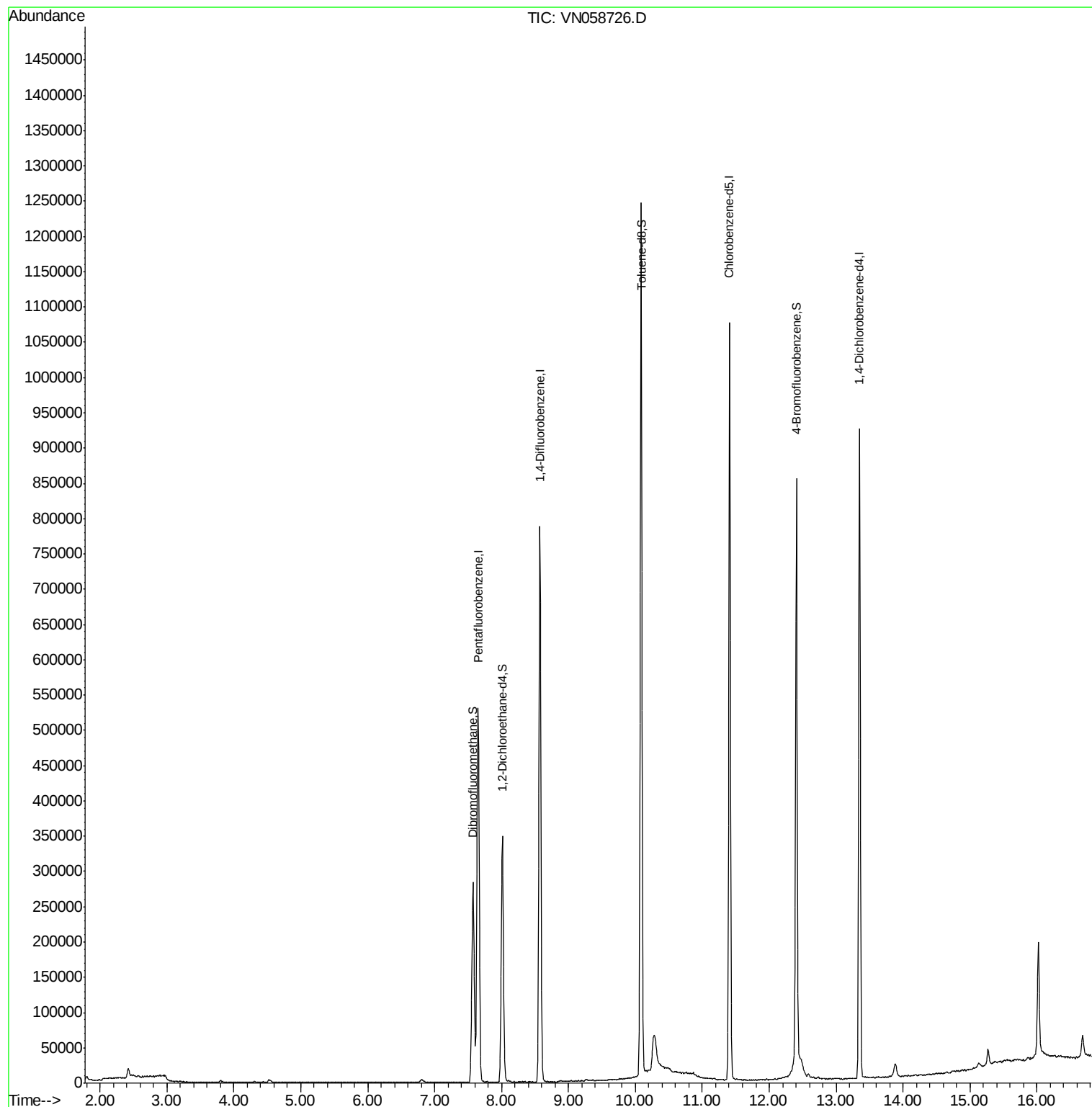
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058726.D

Acq: 12 Oct 2019 1:10

Instrument :

MSVOA_N

ClientSampleId :

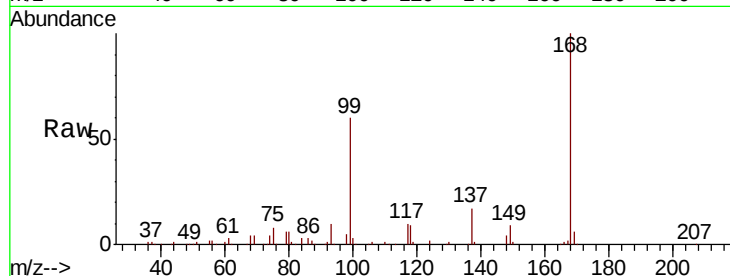
PB123827TB

Tot Ion:168 Resp: 423477

Ion Ratio Lower Upper

168 100

99 59.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

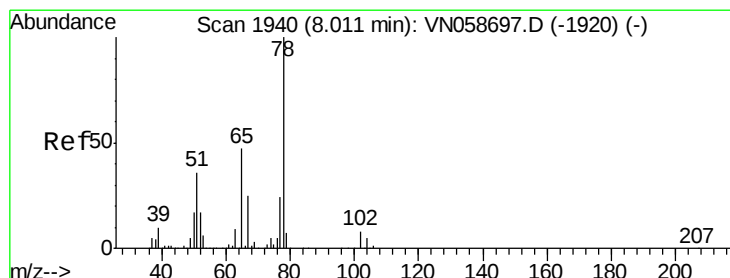
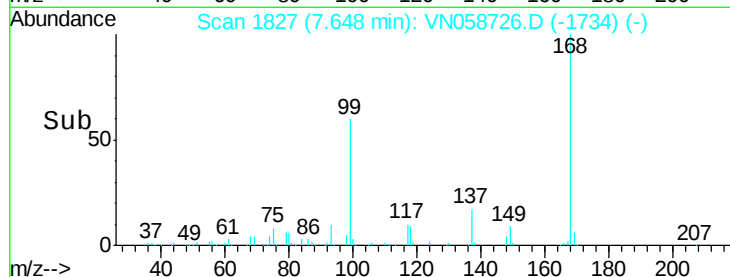
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.359 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058726.D

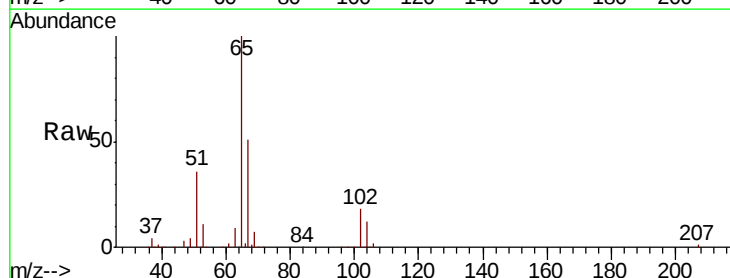
Acq: 12 Oct 2019 1:10

Tgt Ion: 65 Resp: 304489

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

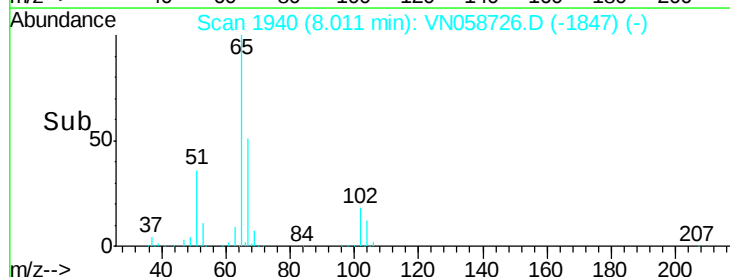
150000

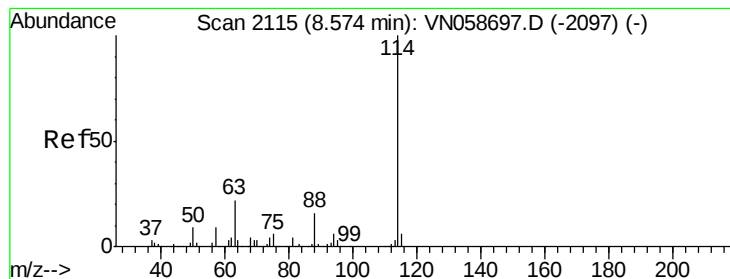
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058726.D

Acq: 12 Oct 2019 1:10

Instrument :

MSVOA_N

ClientSampleId :

PB123827TB

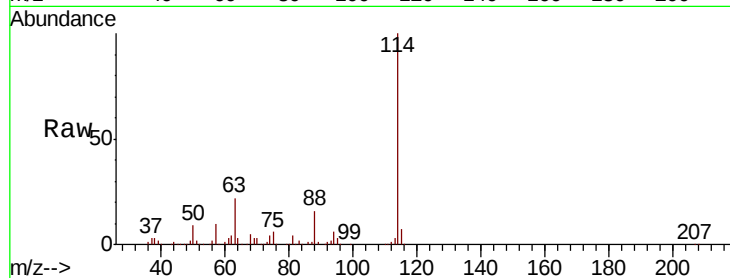
Tot Ion:114 Resp: 670234

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

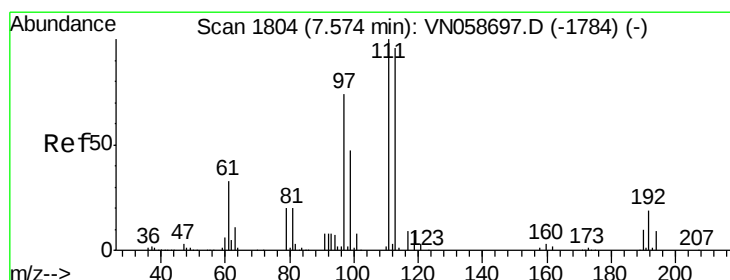
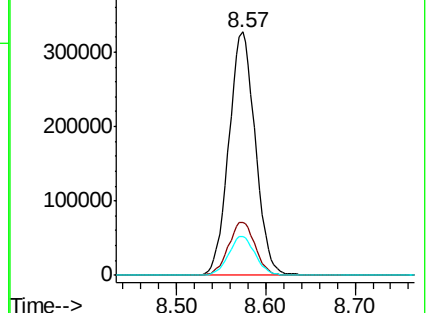
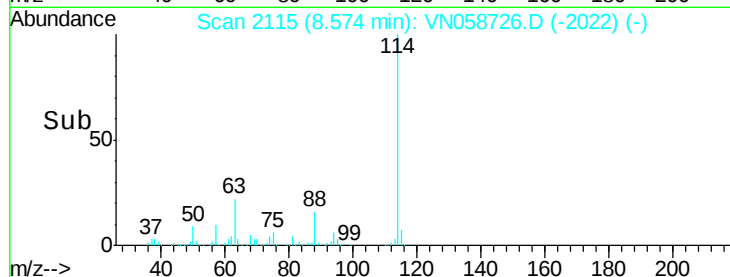
88 15.9 0.0 32.0



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: 52.634 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058726.D

Acq: 12 Oct 2019 1:10

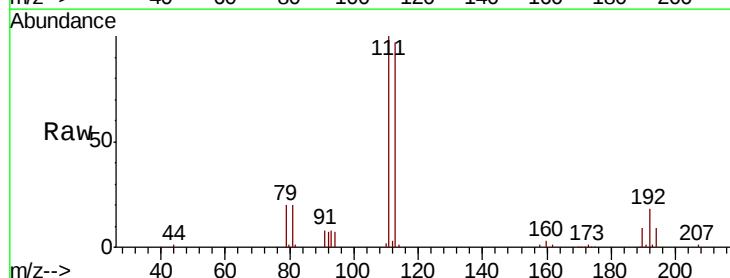
Tgt Ion:113 Resp: 217899

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

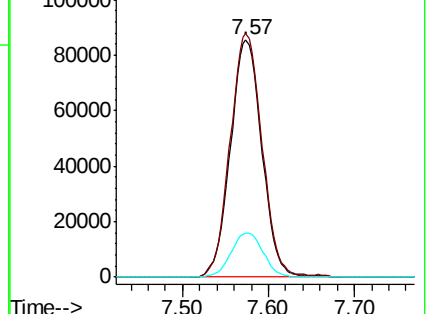
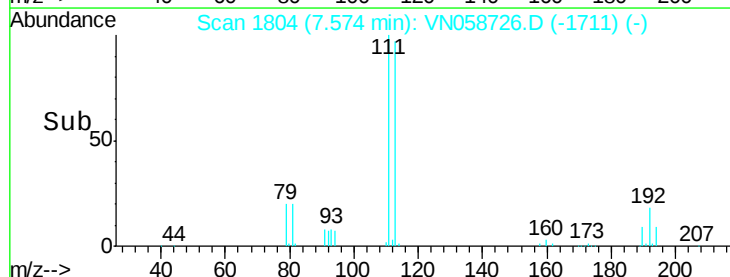
192 18.9 15.0 22.6

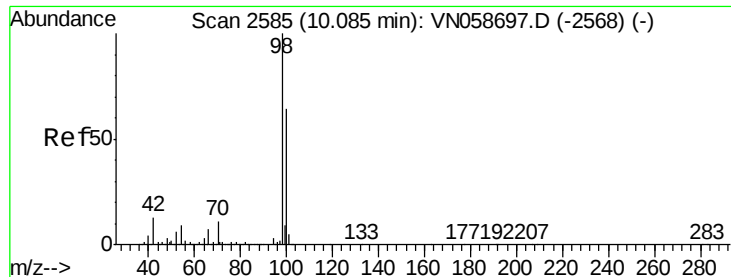


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.060 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058726.D

Acq: 12 Oct 2019 1:10

Instrument :

MSVOA_N

ClientSampled :

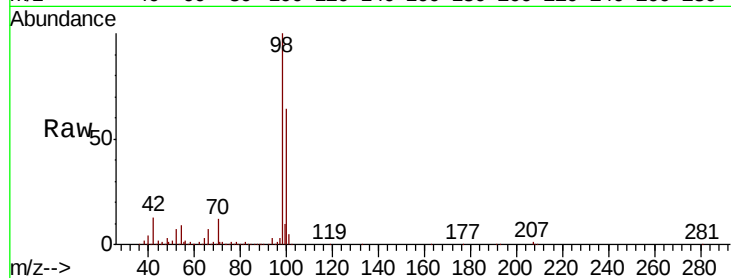
PB123827TB

Tot Ion: 98 Resp: 845288

Ion Ratio Lower Upper

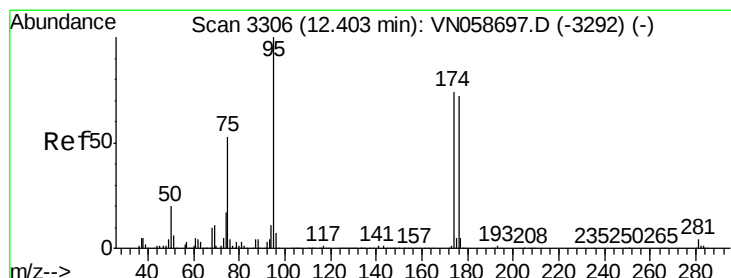
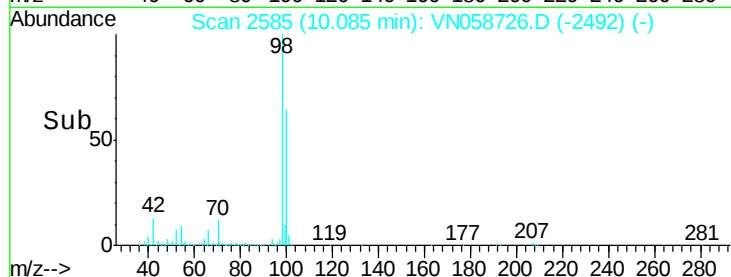
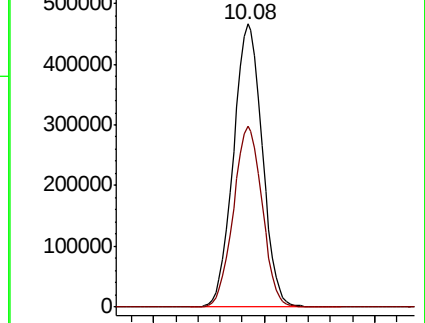
98 100

100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 44.278 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058726.D

Acq: 12 Oct 2019 1:10

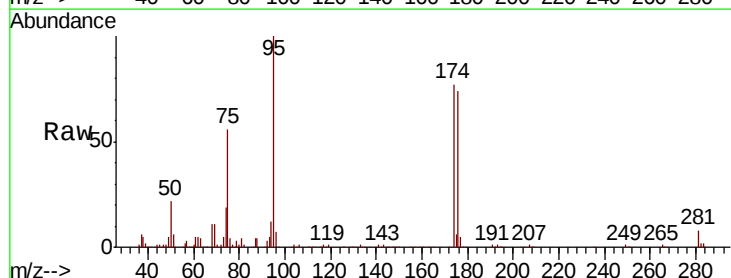
Tgt Ion: 95 Resp: 277467

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.4

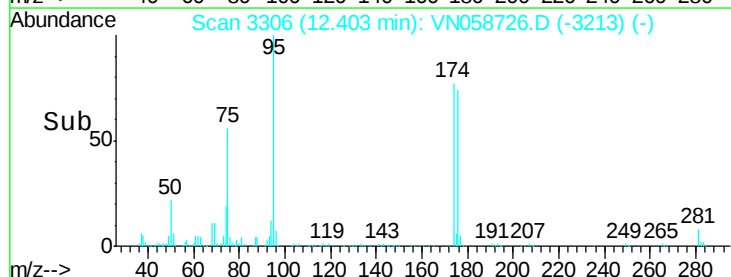
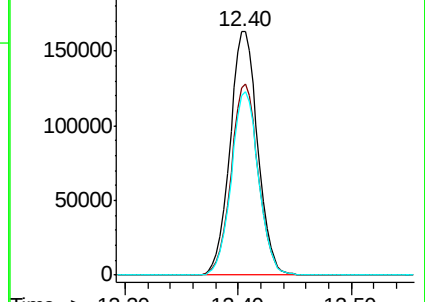
176 74.1 0.0 146.8

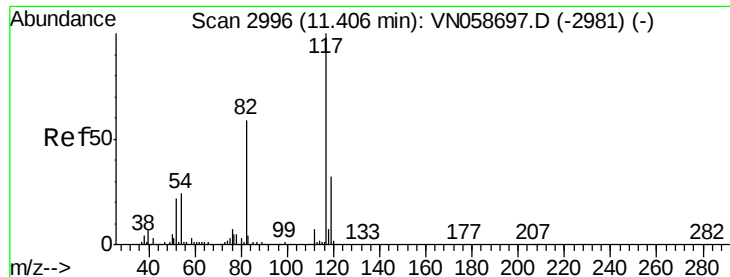


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

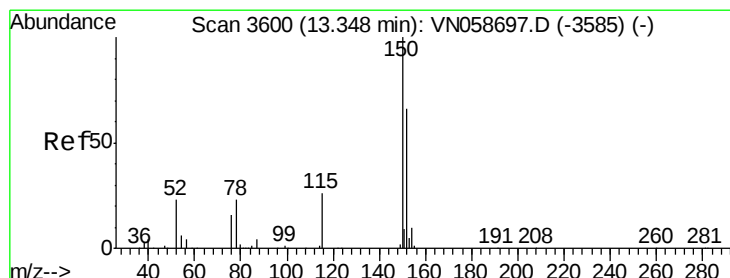
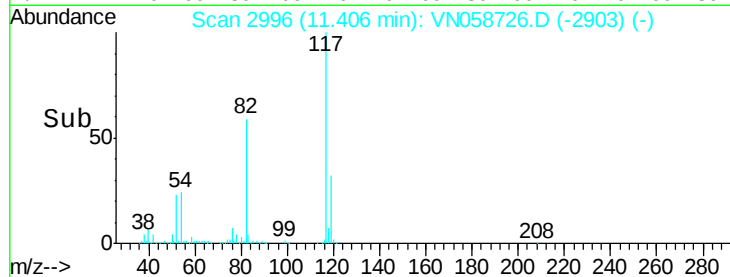
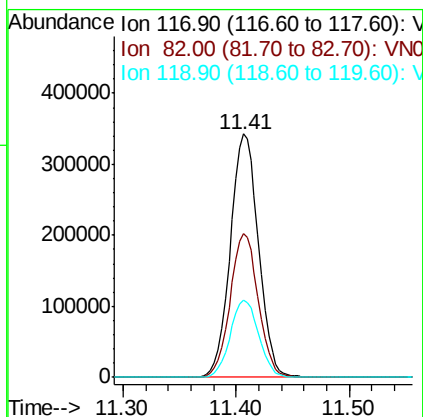
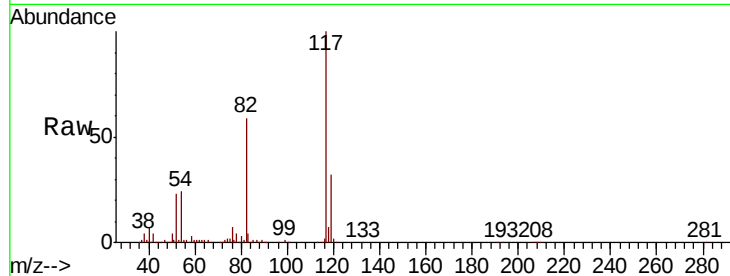




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058726.D
Acq: 12 Oct 2019 1:10

Instrument :
MSVOA_N
ClientSampleId :
PB123827TB

Tot Ion:117 Resp: 591910
Ion Ratio Lower Upper
117 100
82 58.9 47.0 70.4
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058726.D
Acq: 12 Oct 2019 1:10

Tgt Ion:152 Resp: 239123
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.2
150 157.5 0.0 345.4

