

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059157.D
 Acq On : 11 Nov 2019 13:47
 Operator : JC/SP
 Sample : K5769-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LTM-RB-04-SRI4

Quant Time: Nov 12 02:45:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

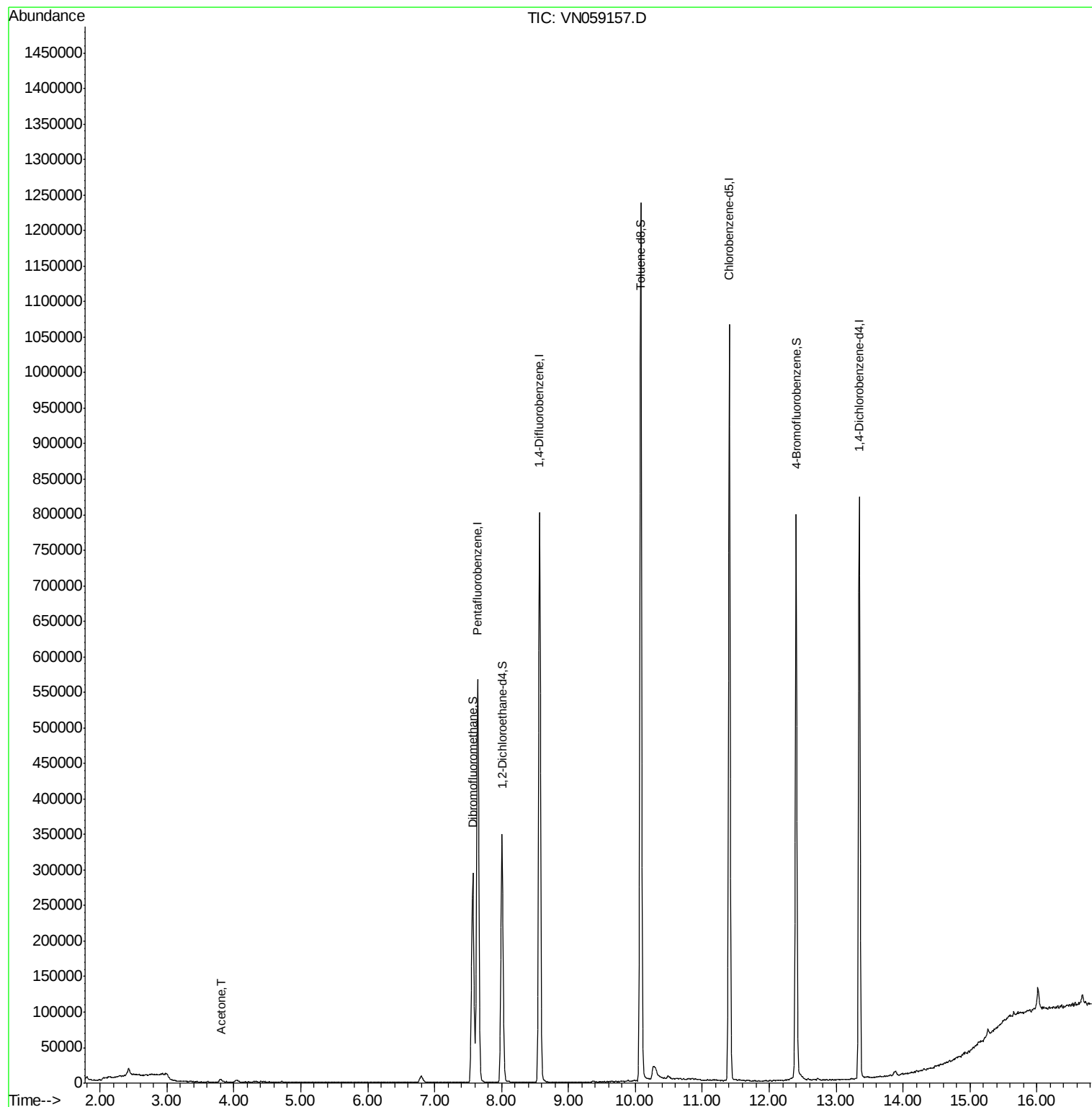
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	459425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	708715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	616473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	223324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	302529	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
35) Dibromofluoromethane	7.57	113	225538	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
50) Toluene-d8	10.08	98	881383	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.40	95	281953	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
Target Compounds						
16) Acetone	3.79	43	3593	1.223	ug/l	Qvalue 97

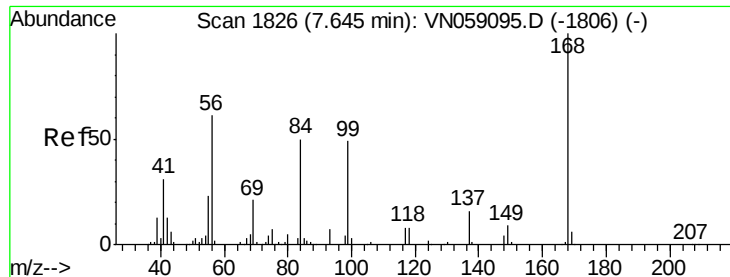
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059157.D

Acq: 11 Nov 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

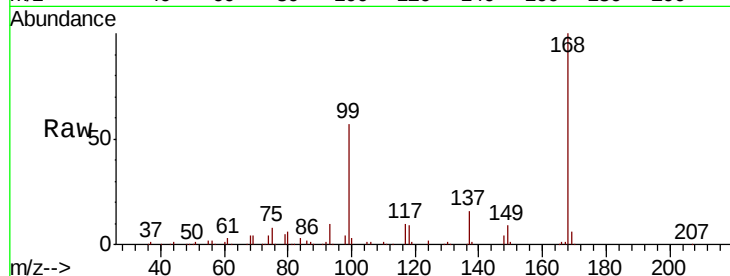
LTM-RB-04-SRI4

Tot Ion:168 Resp: 459425

Ion Ratio Lower Upper

168 100

99 56.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

150000

100000

50000

0

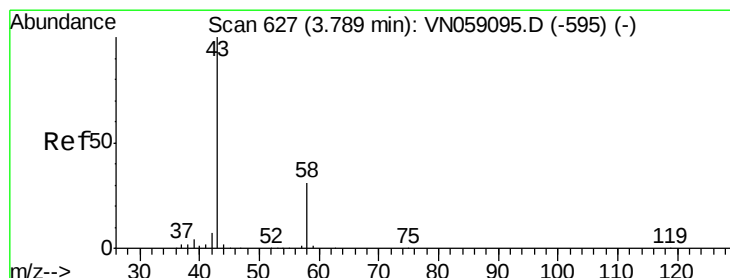
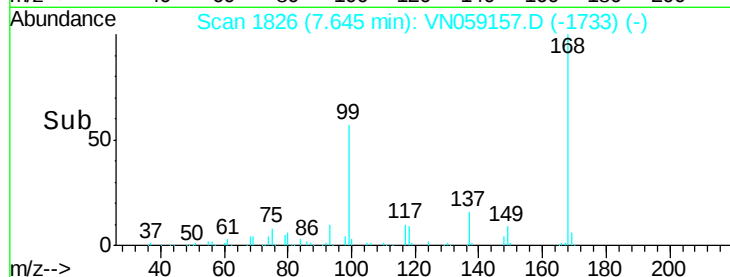
Time-->

7.50

7.60

7.70

7.80



#16

Acetone

Concen: 1.223 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059157.D

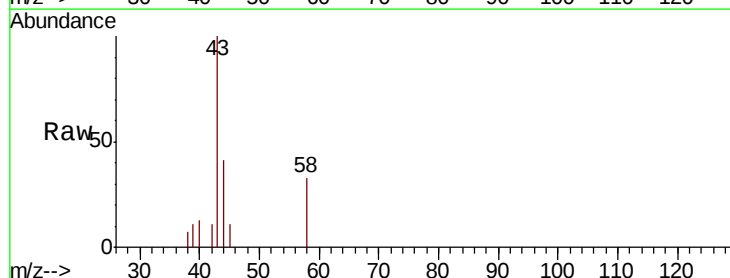
Acq: 11 Nov 2019 13:47

Tgt Ion: 43 Resp: 3593

Ion Ratio Lower Upper

43 100

58 32.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

2500

2000

1500

1000

500

0

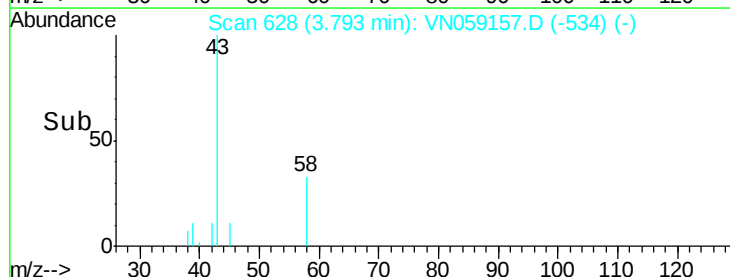
Time-->

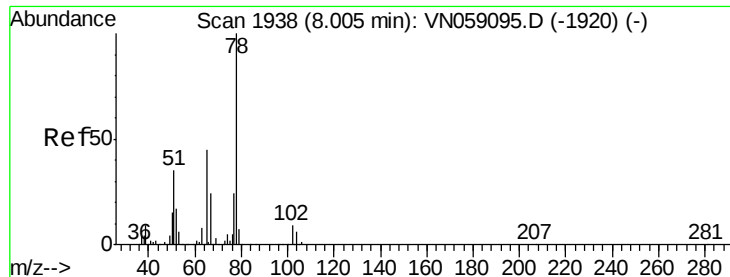
3.74

3.76

3.78

3.80





#33

1,2-Dichloroethane-d4

Concen: 53.568 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059157.D

Acq: 11 Nov 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

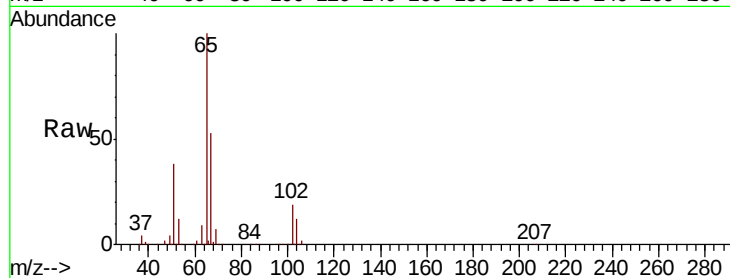
LTM-RB-04-SRI4

Tot Ion: 65 Resp: 302529

Ion Ratio Lower Upper

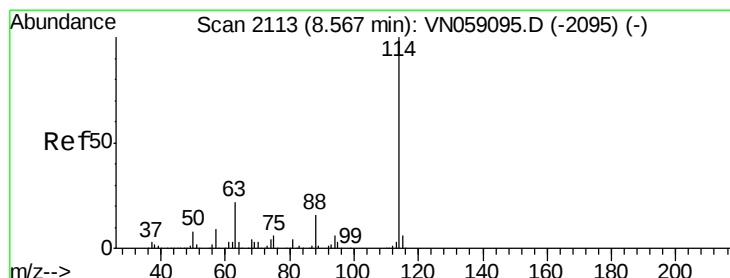
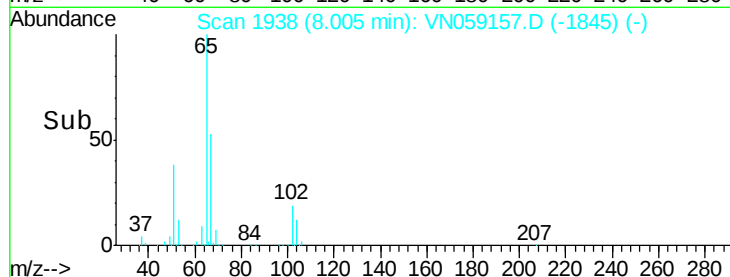
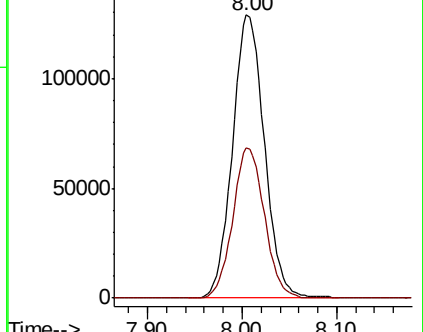
65 100

67 52.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059157.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059157.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059157.D

Acq: 11 Nov 2019 13:47

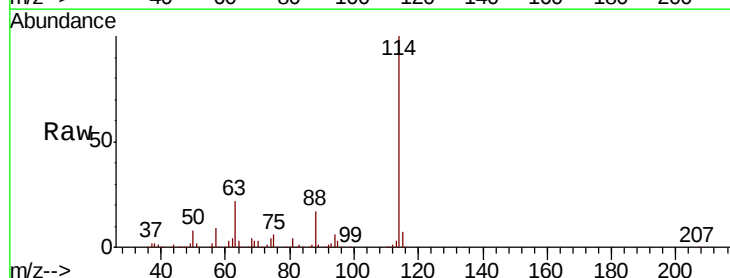
Tgt Ion: 114 Resp: 708715

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

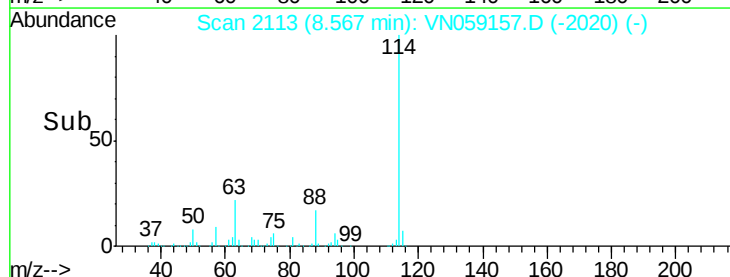
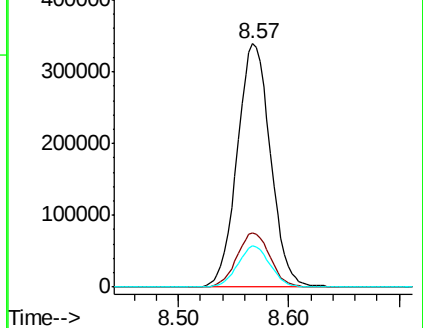
88 17.0 0.0 32.2

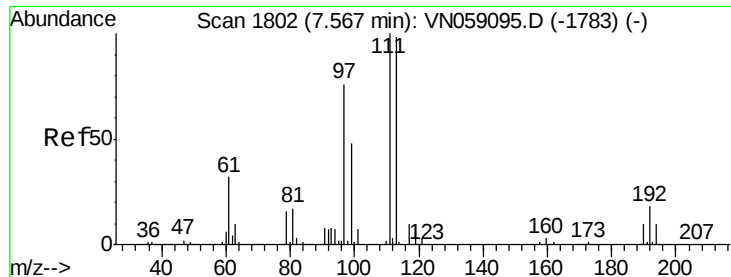


Abundance Ion 113.90 (113.60 to 114.60): VN059157.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059157.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059157.D (-2020) (-)

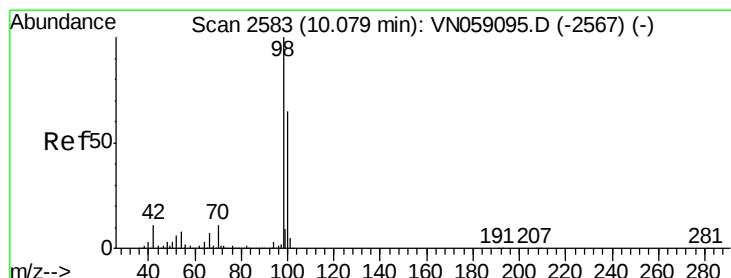
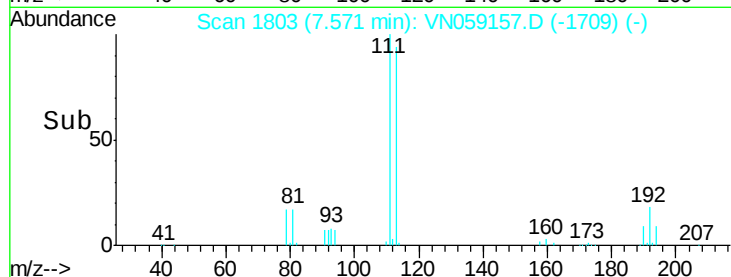
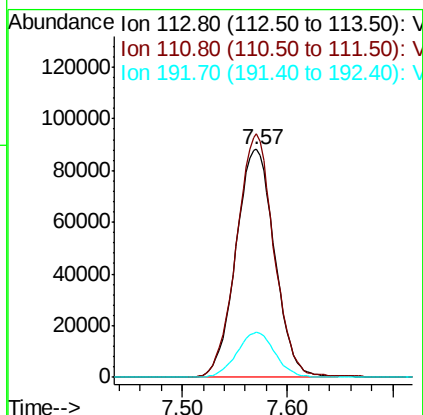
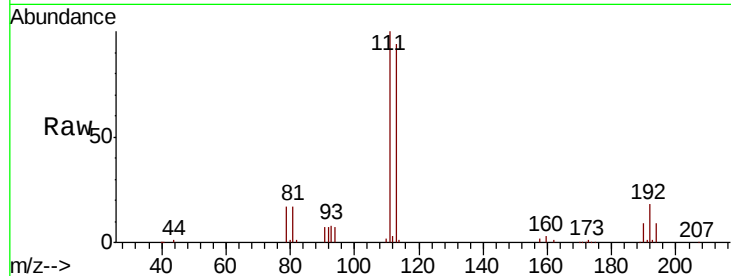




#35
Dibromofluoromethane
Concen: 53.297 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059157.D
Acq: 11 Nov 2019 13:47

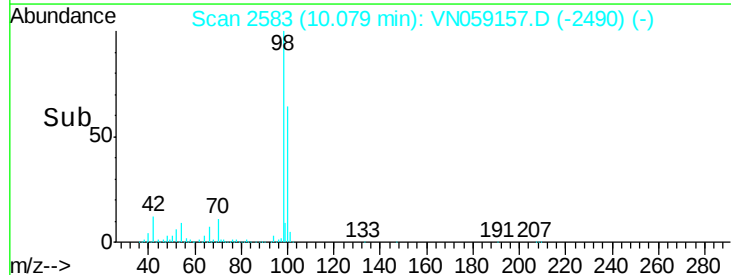
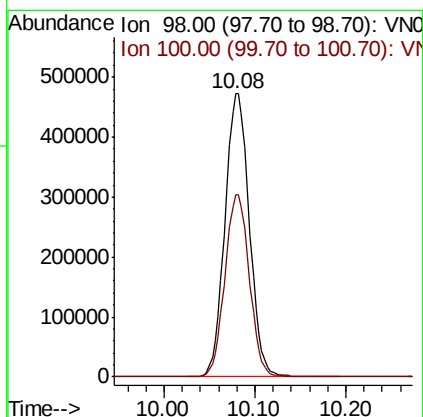
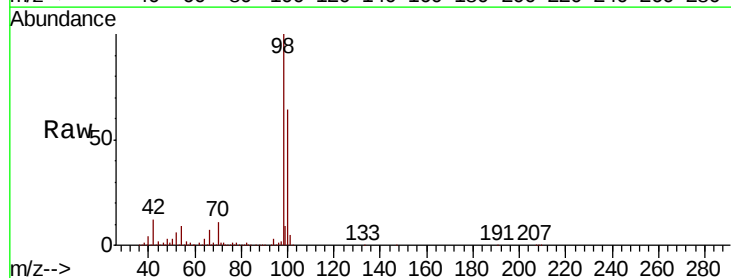
Instrument :
MSVOA_N
ClientSampleId :
LTM-RB-04-SRI4

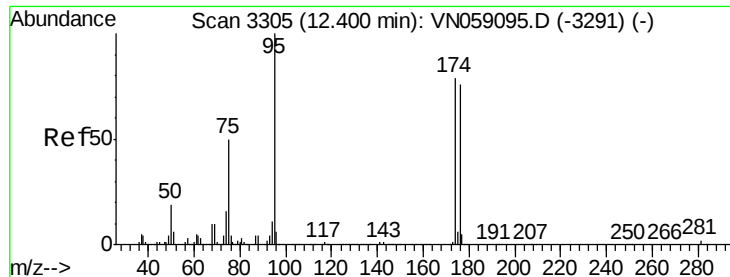
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.8	124.2
192	19.4	16.1	24.1



#50
Toluene-d8
Concen: 52.878 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059157.D
Acq: 11 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 46.914 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059157.D

Acq: 11 Nov 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

LTM-RB-04-SRI4

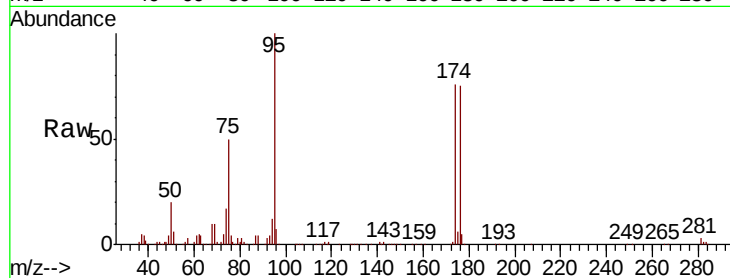
Tot Ion: 95 Resp: 281953

Ion Ratio Lower Upper

95 100

174 77.8 0.0 158.2

176 75.9 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059157.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059157.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059157.D (-3212) (-)

12.40

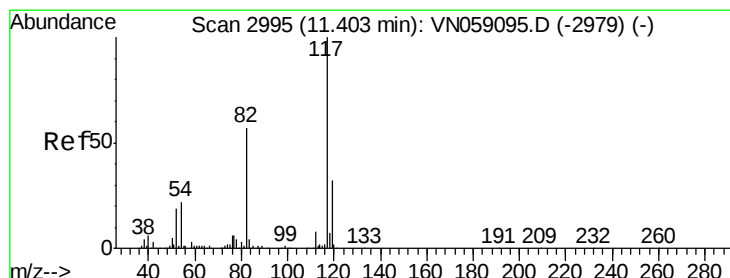
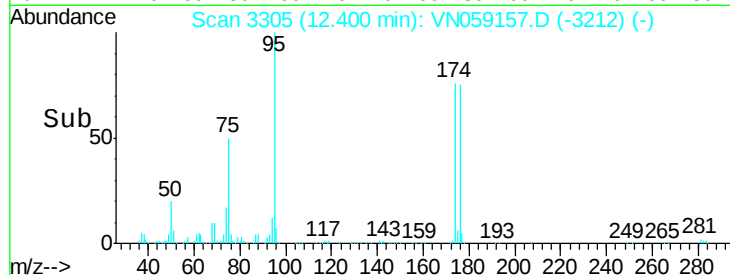
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059157.D

Acq: 11 Nov 2019 13:47

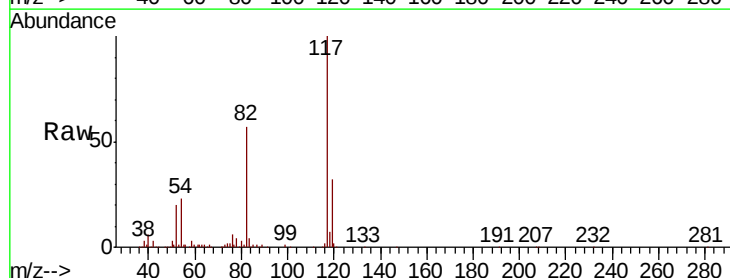
Tgt Ion: 117 Resp: 616473

Ion Ratio Lower Upper

117 100

82 57.2 45.8 68.8

119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN059157.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059157.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059157.D (-2902) (-)

11.40

400000

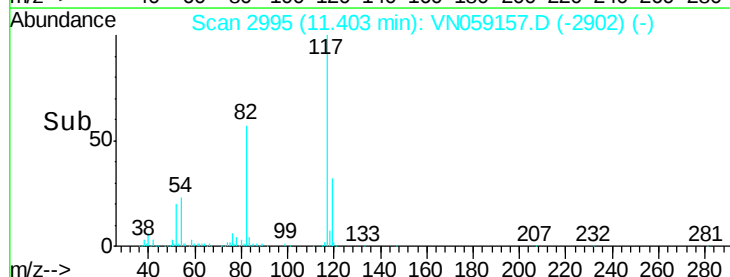
300000

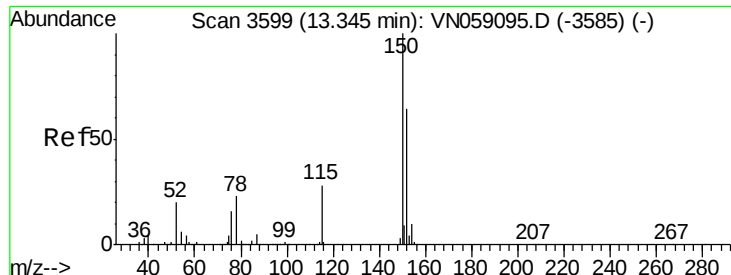
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059157.D

Acq: 11 Nov 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

LTM-RB-04-SRI4

Tot Ion:152 Resp: 223324

Ion Ratio Lower Upper

152 100

115 60.0 29.4 88.2

150 155.8 0.0 345.8

