

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059147.D
 Acq On : 11 Nov 2019 10:06
 Operator : JC/SP
 Sample : K5769-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LTM-TB05-SRI4

Quant Time: Nov 12 01:09:38 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	546159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	851230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	732610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	267252	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	342389	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
35) Dibromofluoromethane	7.57	113	260481	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.08	98	1029689	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.40	95	330459	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	

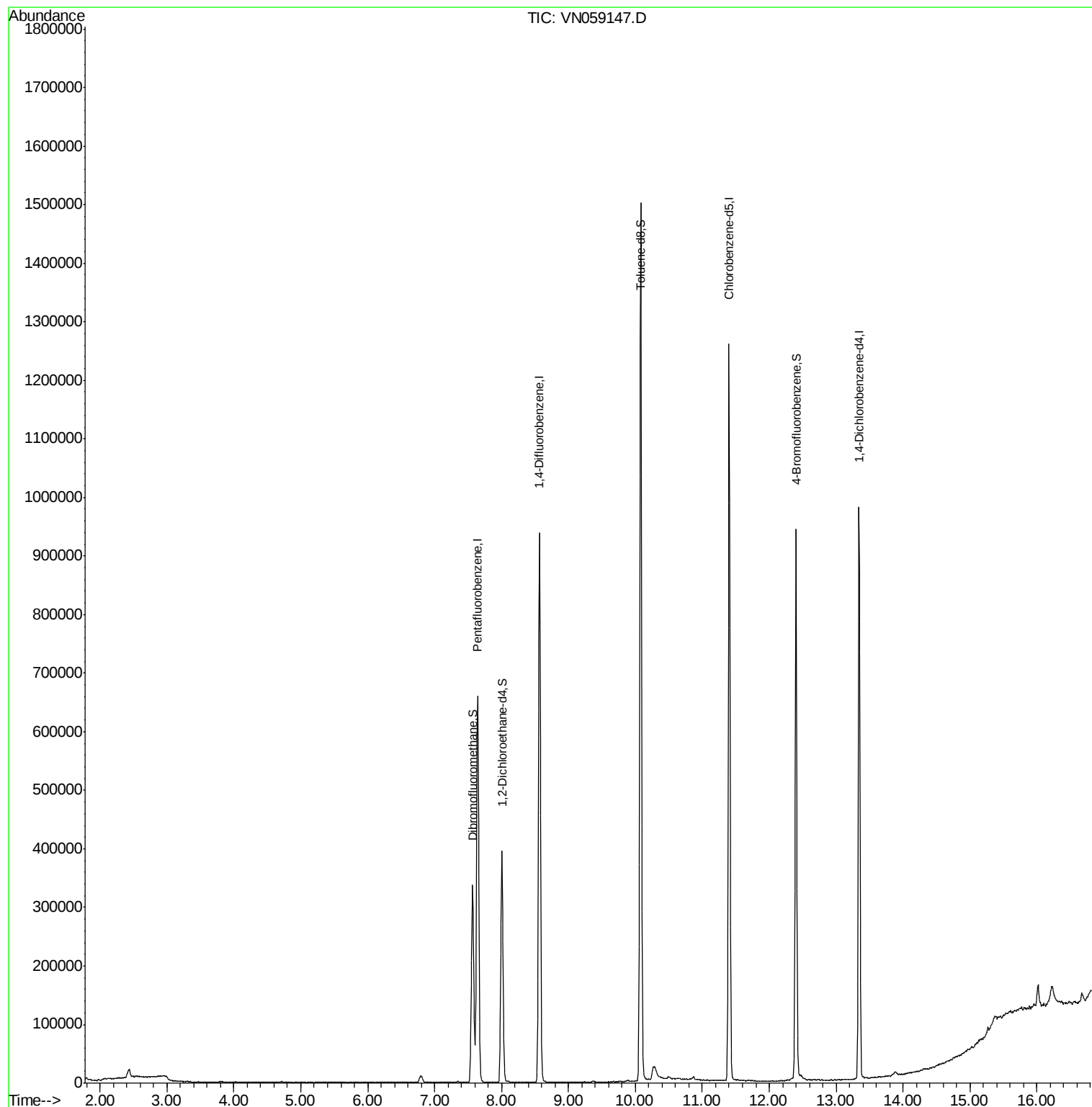
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059147.D

Acq: 11 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

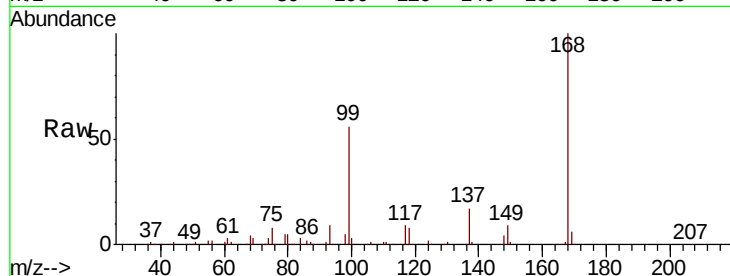
LTM-TB05-SRI4

Tot Ion:168 Resp: 546159

Ion Ratio Lower Upper

168 100

99 55.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

250000

200000

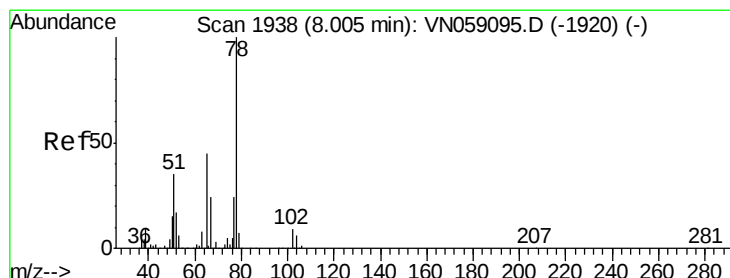
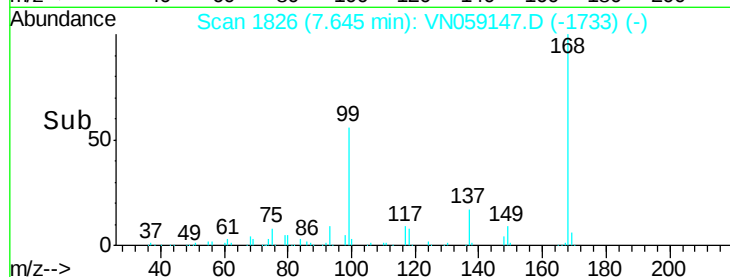
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 50.999 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059147.D

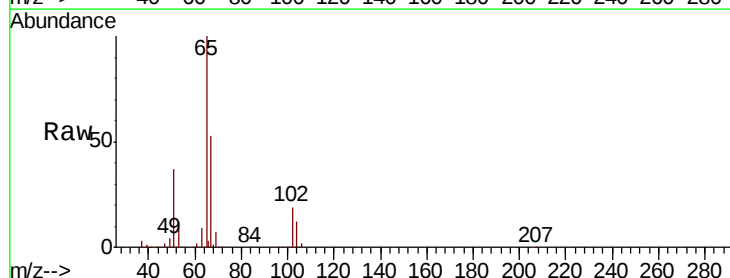
Acq: 11 Nov 2019 10:06

Tgt Ion: 65 Resp: 342389

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

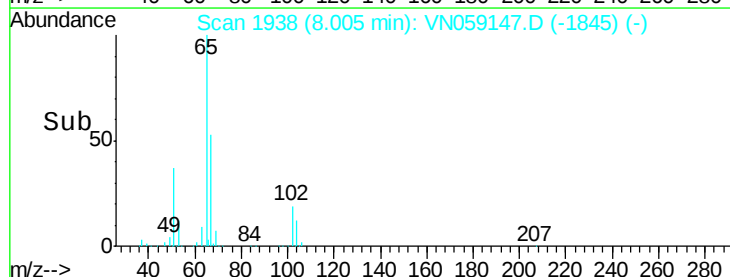
150000

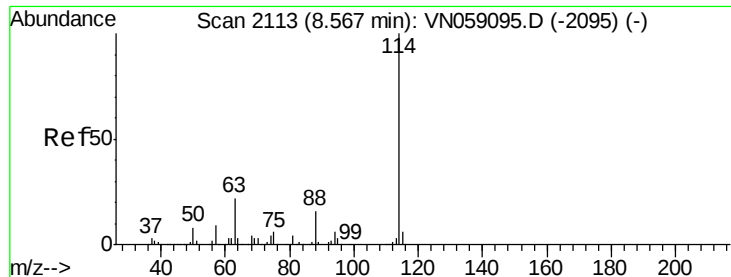
100000

50000

0

Time--> 7.90 8.00 8.10

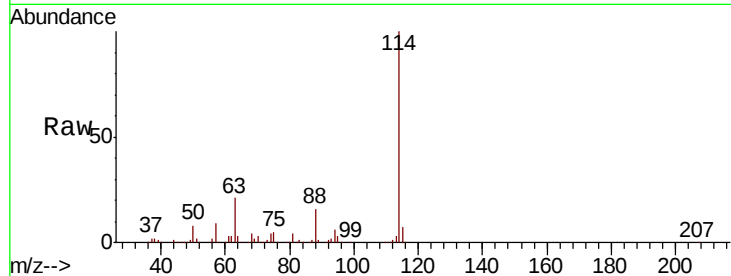




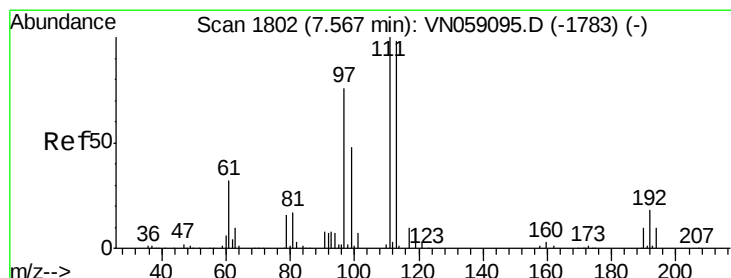
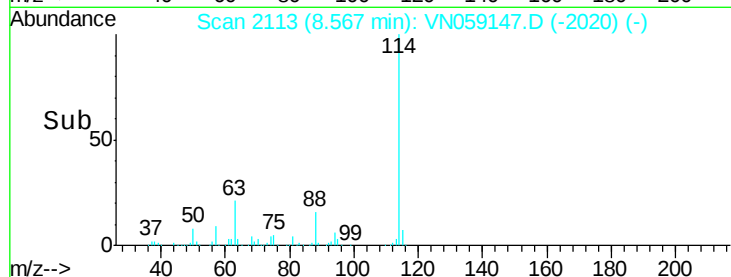
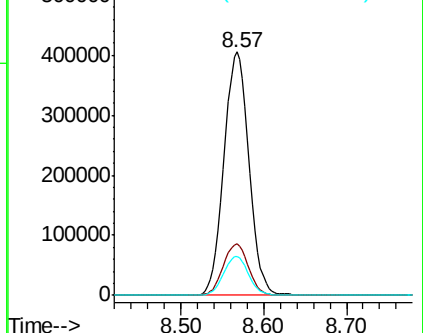
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059147.D
Acq: 11 Nov 2019 10:06

Instrument :
MSVOA_N
ClientSampleId :
LTM-TB05-SRI4

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.4
88	15.9	0.0	32.2

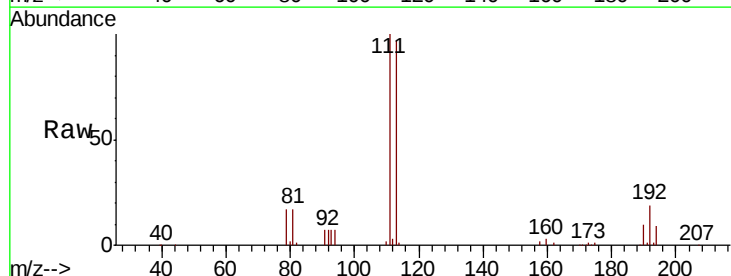


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

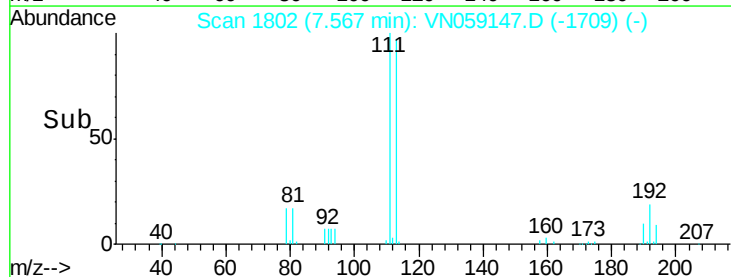
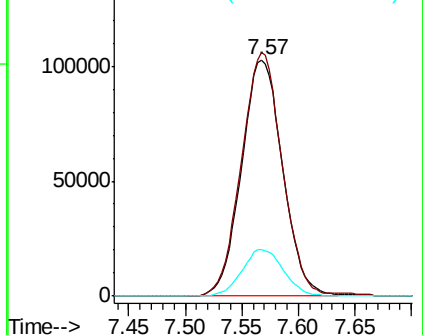


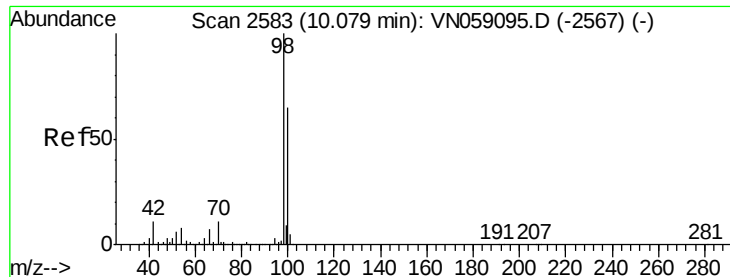
#35
Dibromofluoromethane
Concen: 51.249 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059147.D
Acq: 11 Nov 2019 10:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.8	124.2
192	19.9	16.1	24.1



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: 51.432 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059147.D

Acq: 11 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

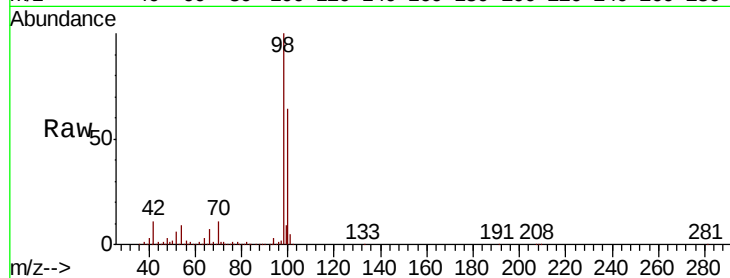
LTM-TB05-SRI4

Tot Ion: 98 Resp: 1029689

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059147.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059147.D (-2490) (-)

10.08

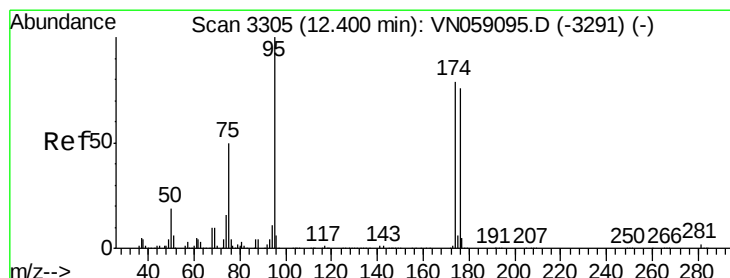
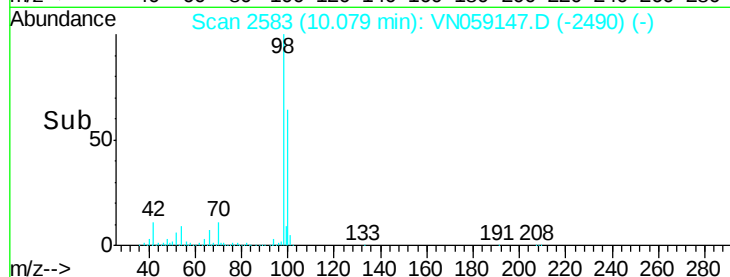
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.779 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059147.D

Acq: 11 Nov 2019 10:06

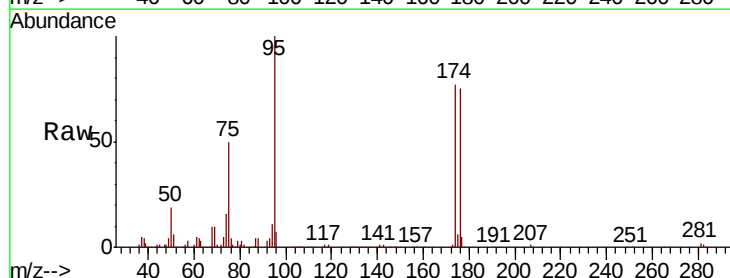
Tgt Ion: 95 Resp: 330459

Ion Ratio Lower Upper

95 100

174 77.7 0.0 158.2

176 75.2 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059147.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059147.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059147.D (-3212) (-)

12.40

250000

200000

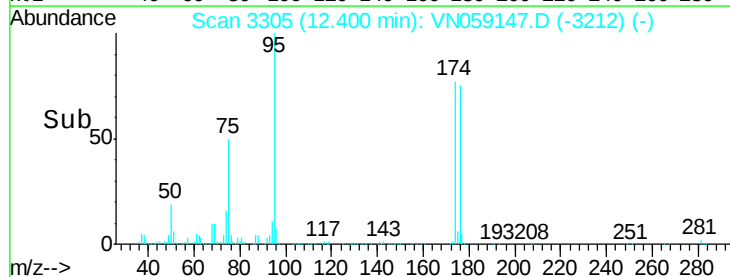
150000

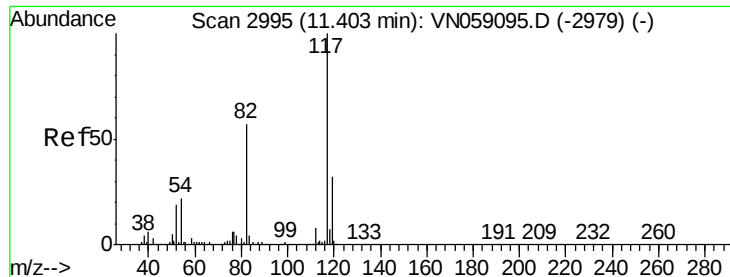
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059147.D

Acq: 11 Nov 2019 10:06

Instrument :

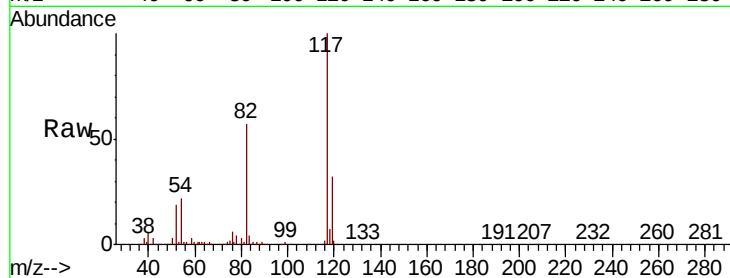
MSVOA_N

ClientSampleId :

LTM-TB05-SRI4

Tot Ion:117 Resp: 732610

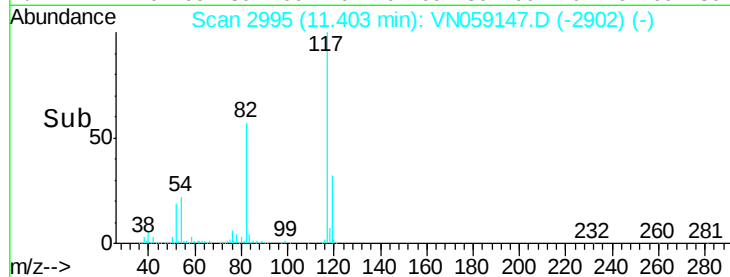
Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.8	68.8
119	31.9	25.8	38.6



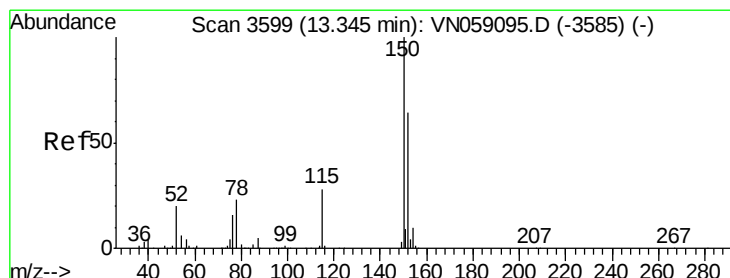
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

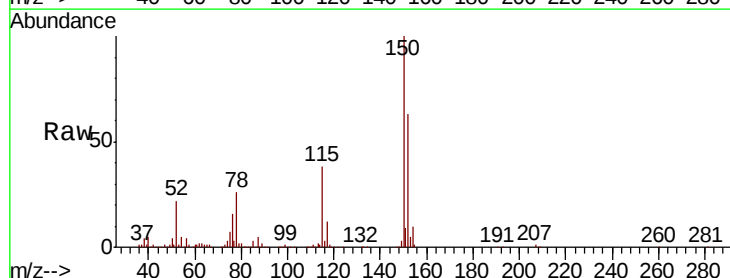
Delta R.T. -0.00 min

Lab File: VN059147.D

Acq: 11 Nov 2019 10:06

Tgt Ion:152 Resp: 267252

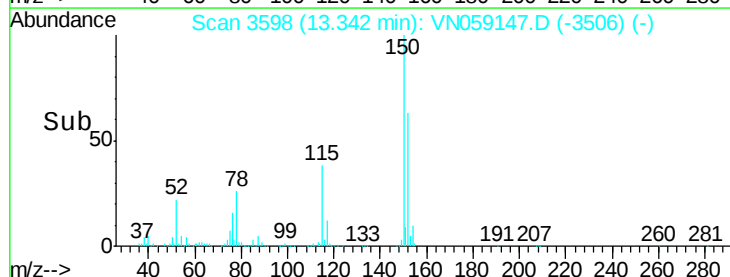
Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.4	88.2
150	157.9	0.0	345.8



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



Time-->