

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059196.D
 Acq On : 12 Nov 2019 17:19
 Operator : JC/SP
 Sample : K5799-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LTM-TB07-SRI4

Quant Time: Nov 13 07:17:34 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

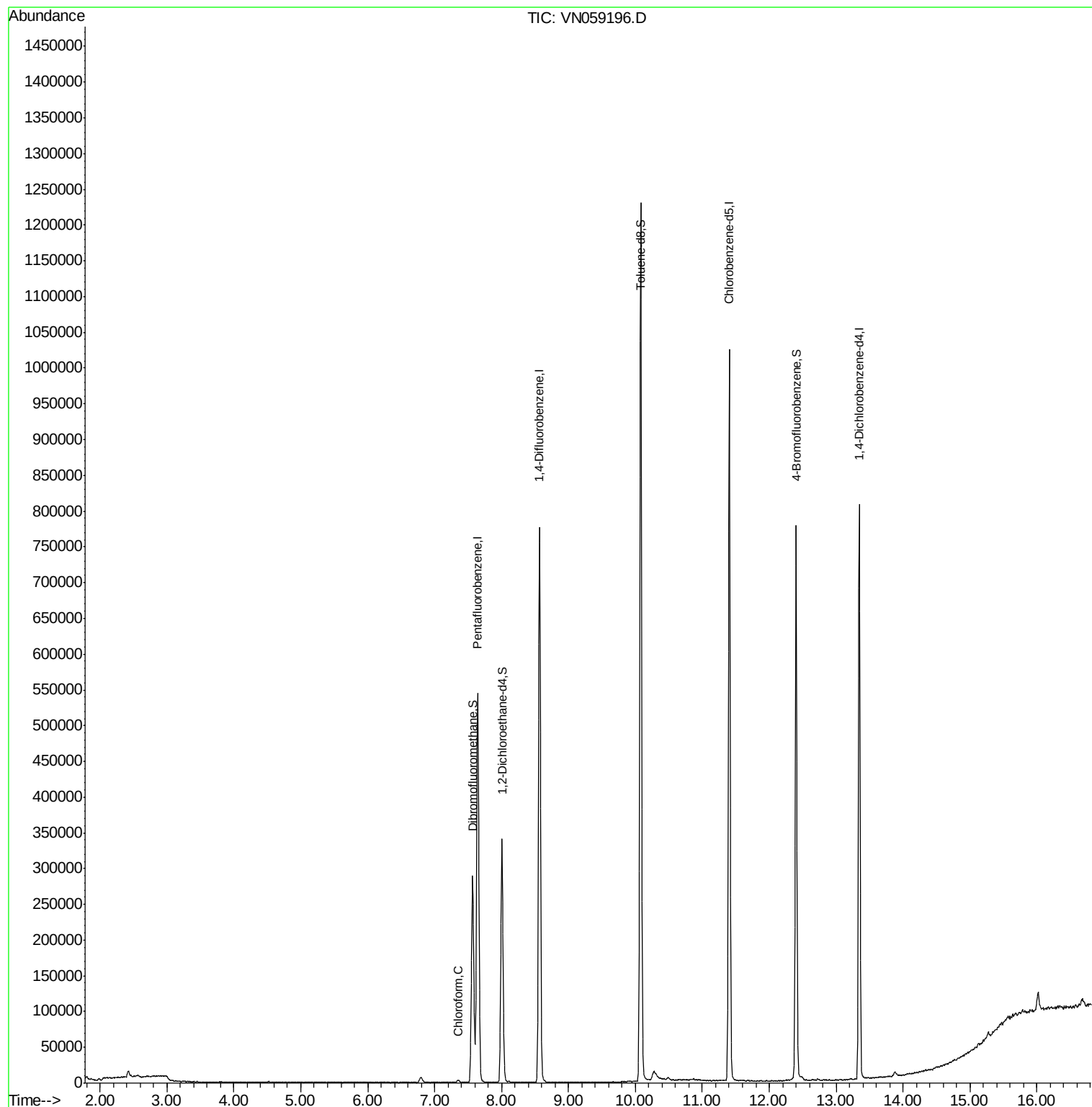
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	439902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	689596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	601839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	290764	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
35) Dibromofluoromethane	7.57	113	223742	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
50) Toluene-d8	10.08	98	858686	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.40	95	269050	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
30) Chloroform	7.36	83	3526	0.413	ug/l	Qvalue 88

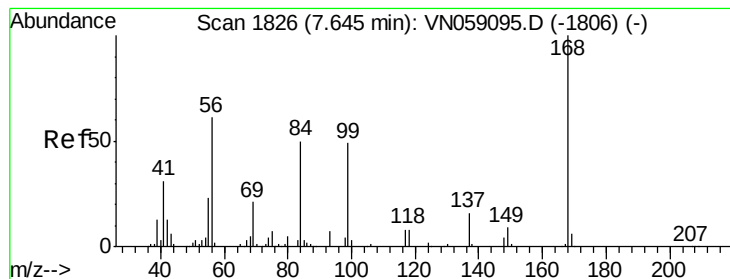
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111219\
Data File : VN059196.D
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QLast Update : Thu Nov 07 04:00:41 2019
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: VN059196.D

Acq: 12 Nov 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

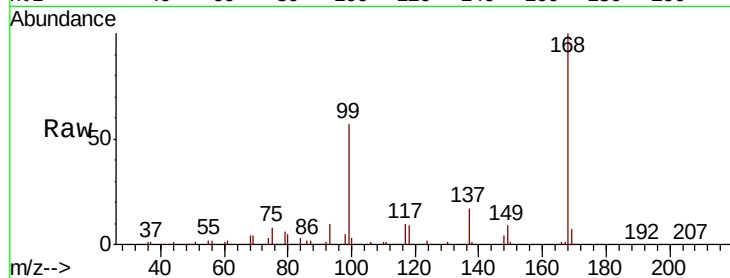
LTM-TB07-SRI4

Tot Ion:168 Resp: 439902

Ion Ratio Lower Upper

168 100

99 56.7 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

150000

100000

50000

0

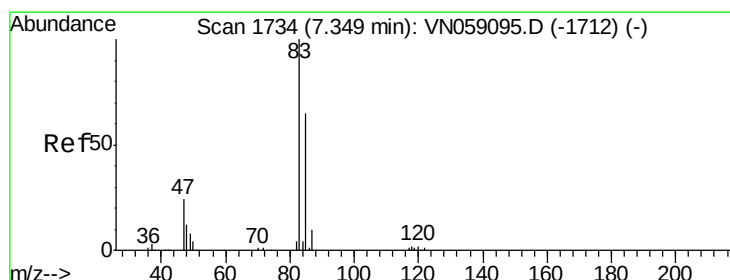
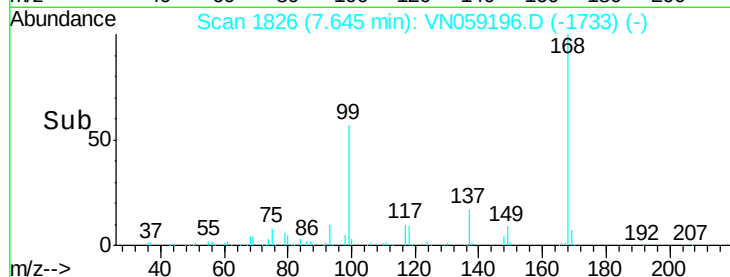
Time-->

7.50

7.60

7.70

7.80



#30

Chloroform

Concen: 0.413 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.01 min

Lab File: VN059196.D

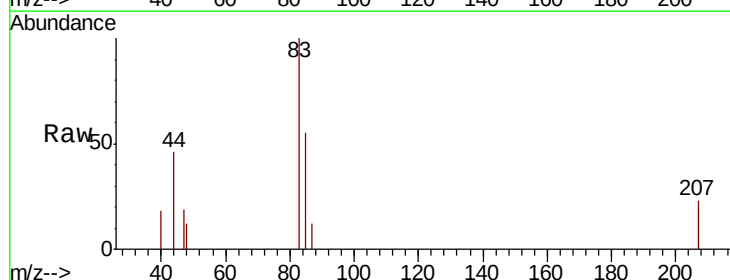
Acq: 12 Nov 2019 17:19

Tgt Ion: 83 Resp: 3526

Ion Ratio Lower Upper

83 100

85 55.3 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

1500

1000

500

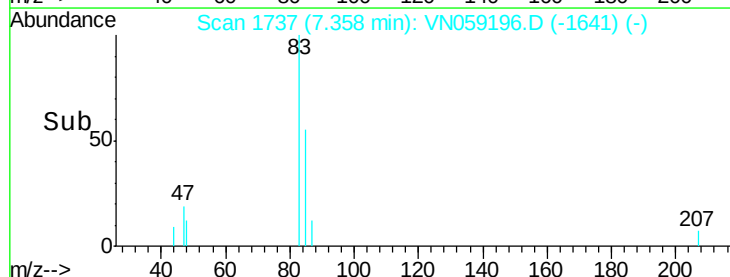
0

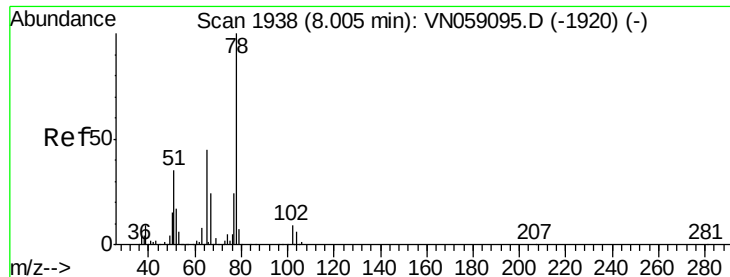
Time-->

7.30

7.35

7.40

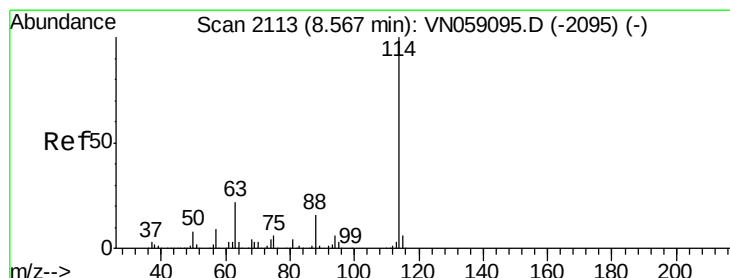
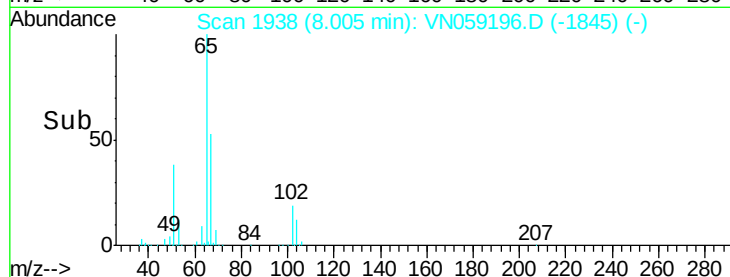
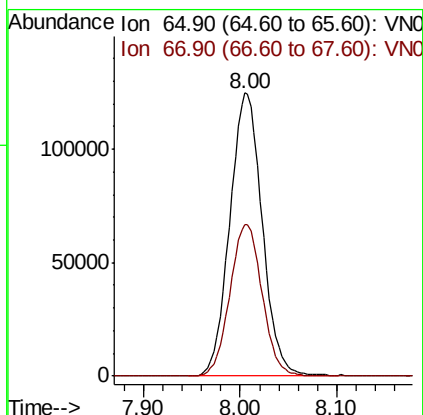
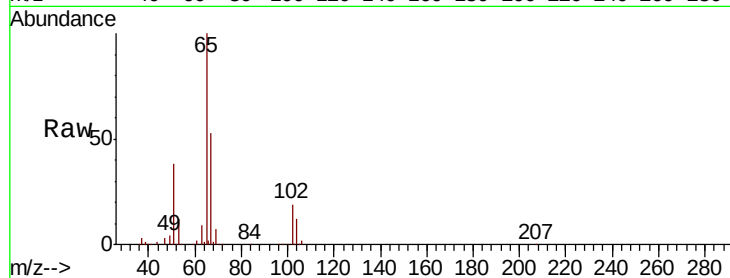




#33
 1,2-Dichloroethane-d4
 Concen: 53.770 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059196.D
 Acq: 12 Nov 2019 17:19

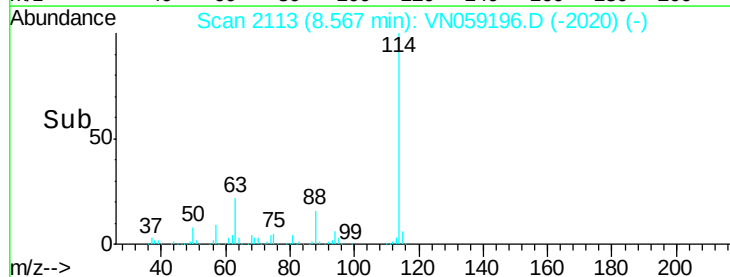
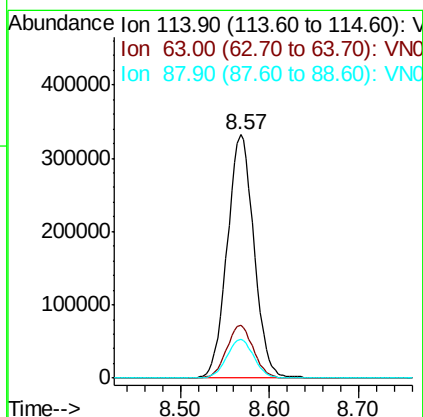
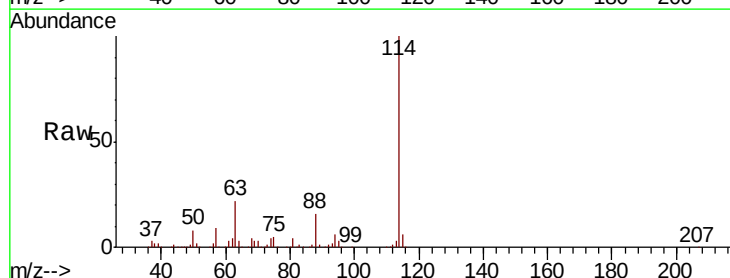
Instrument :
 MSVOA_N
 ClientSampleId :
 LTM-TB07-SRI4

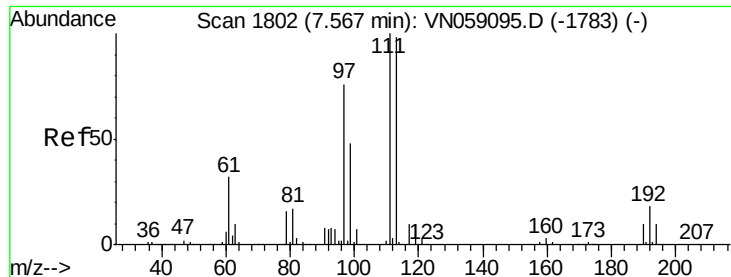
Tot Ion: 65 Resp: 290764
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059196.D
 Acq: 12 Nov 2019 17:19

Tgt Ion: 114 Resp: 689596
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.4
 88 15.9 0.0 32.2

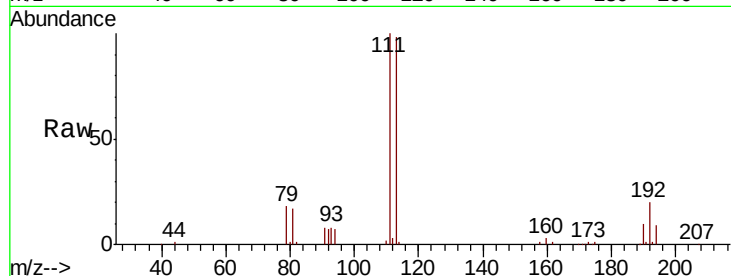




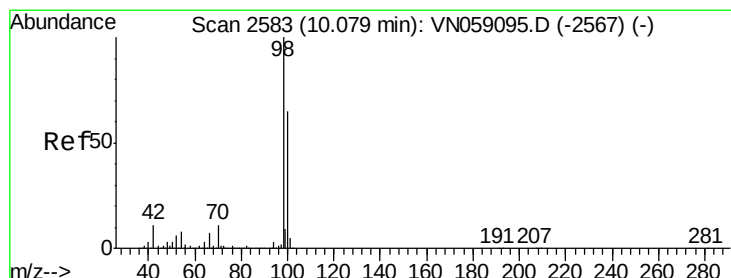
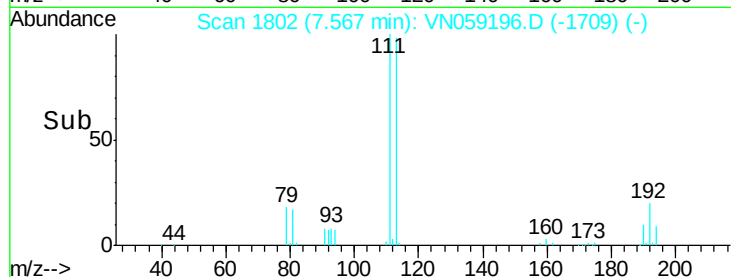
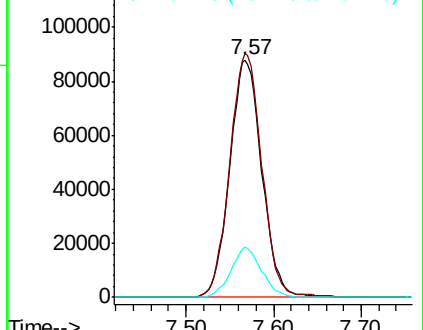
#35
Dibromofluoromethane
Concen: 54.338 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059196.D
Acq: 12 Nov 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
LTM-TB07-SRI4

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.8	124.2
192	20.0	16.1	24.1

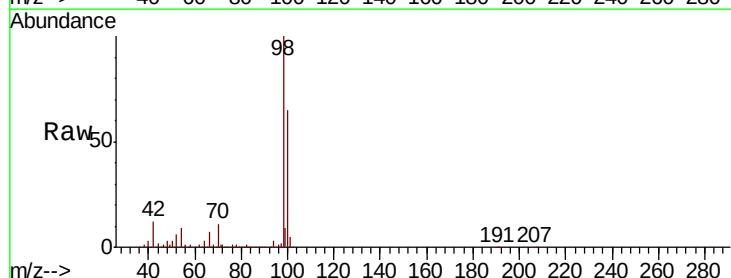


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

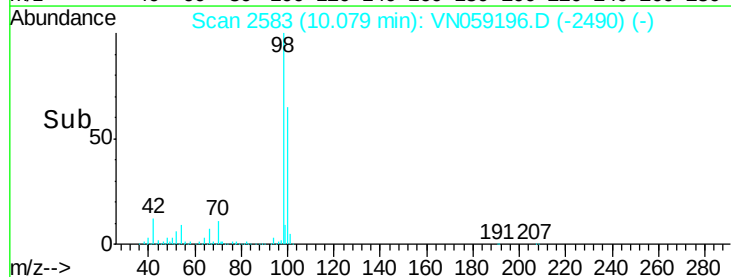
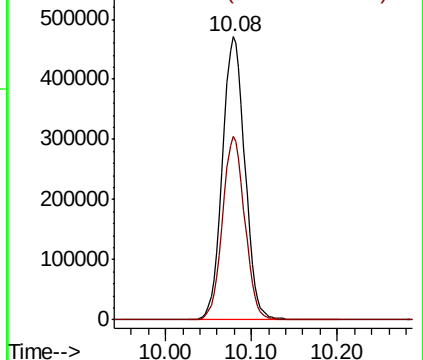


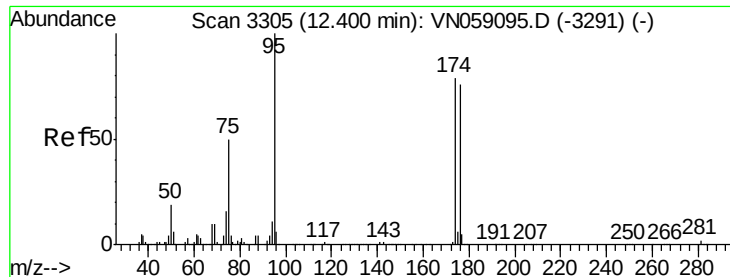
#50
Toluene-d8
Concen: 52.944 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059196.D
Acq: 12 Nov 2019 17:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 46.008 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059196.D

Acq: 12 Nov 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

LTM-TB07-SRI4

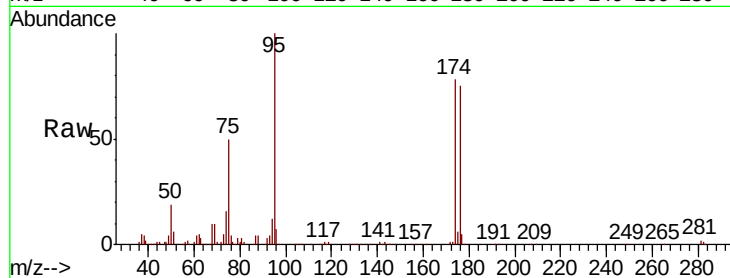
Tot Ion: 95 Resp: 269050

Ion Ratio Lower Upper

95 100

174 78.4 0.0 158.2

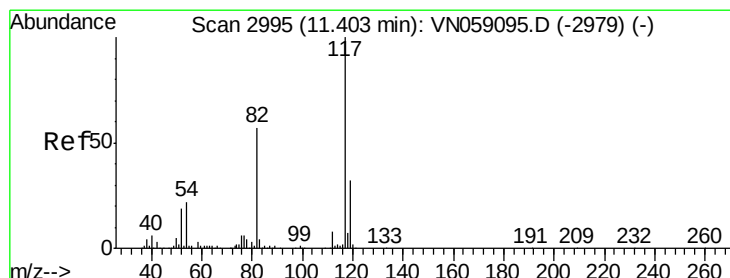
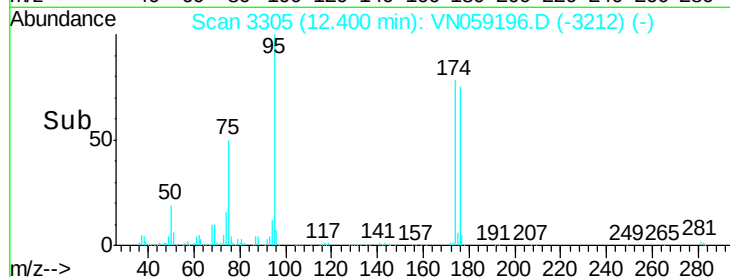
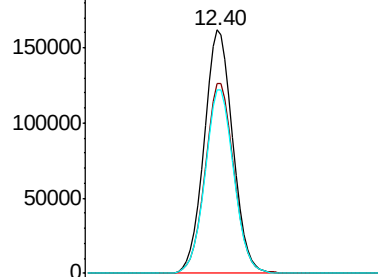
176 75.8 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059196.D

Acq: 12 Nov 2019 17:19

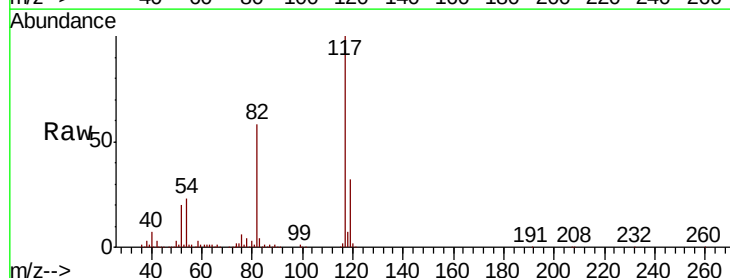
Tgt Ion: 117 Resp: 601839

Ion Ratio Lower Upper

117 100

82 58.3 45.8 68.8

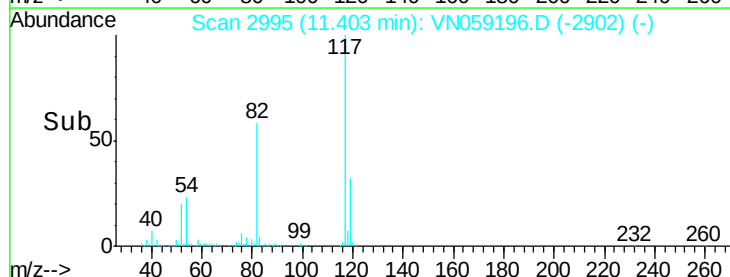
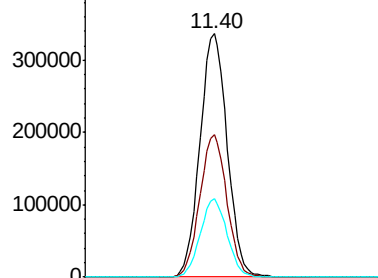
119 32.1 25.8 38.6

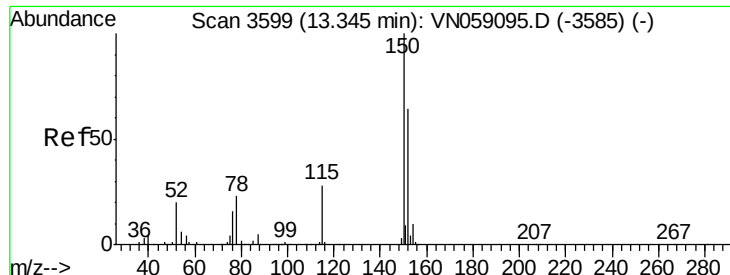


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059196.D

Acq: 12 Nov 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

LTM-TB07-SRI4

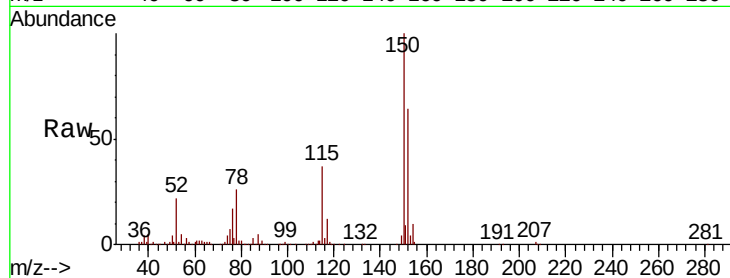
Tot Ion:152 Resp: 216107

Ion Ratio Lower Upper

152 100

115 59.0 29.4 88.2

150 156.9 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

