

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058863.D
 Acq On : 18 Oct 2019 17:11
 Operator : JC/SP
 Sample : K5452-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0421A

Quant Time: Oct 21 08:21:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

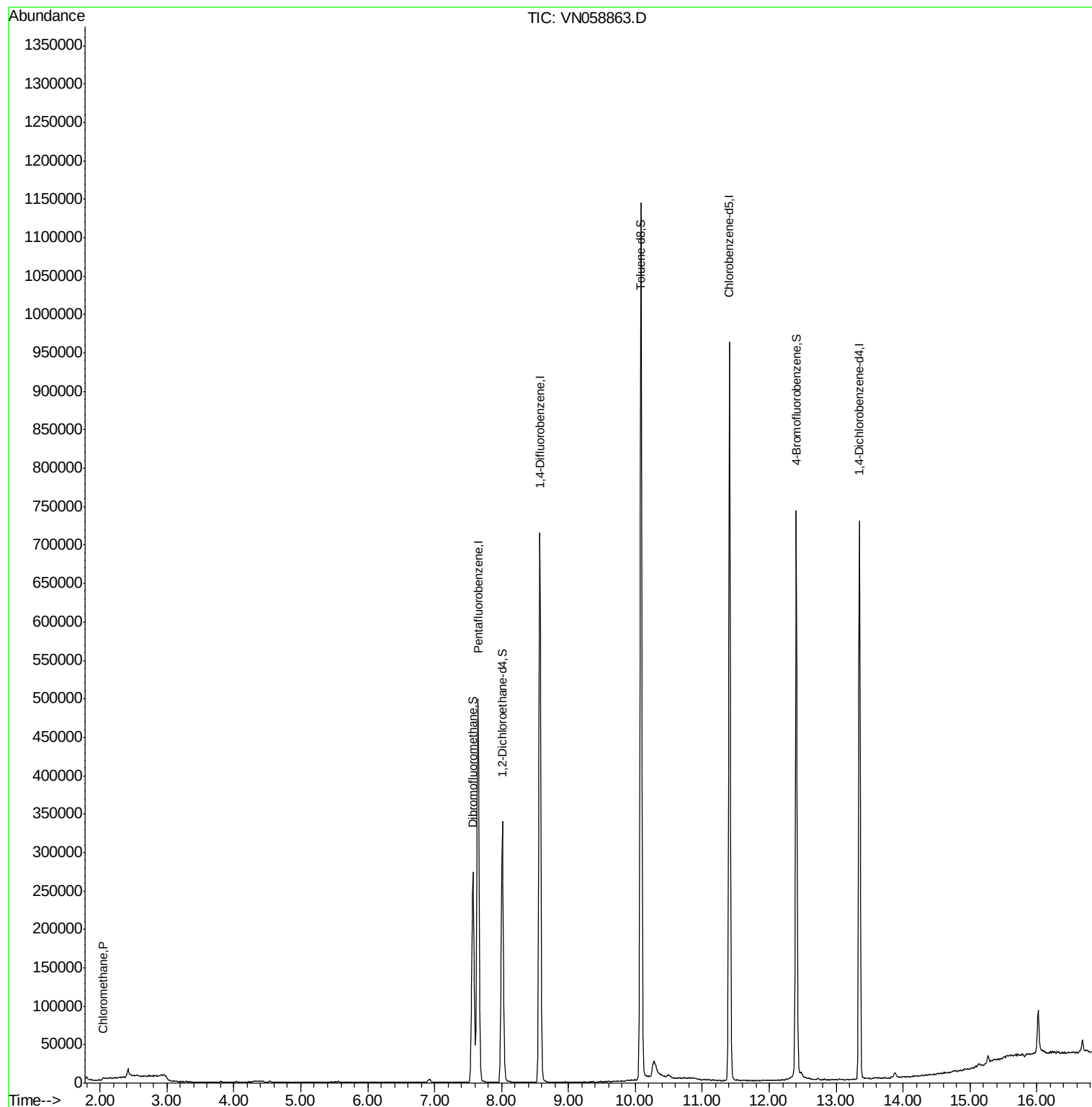
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	383352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	608260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	533583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	189321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	294537	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	7.57	113	208501	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
50) Toluene-d8	10.08	98	782849	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.40	95	243821	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
Target Compounds						
3) Chloromethane	2.04	50	2067	0.349	ug/l	Qvalue 100

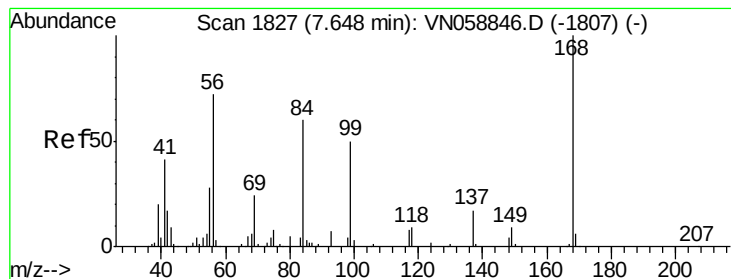
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058863.D

Acq: 18 Oct 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

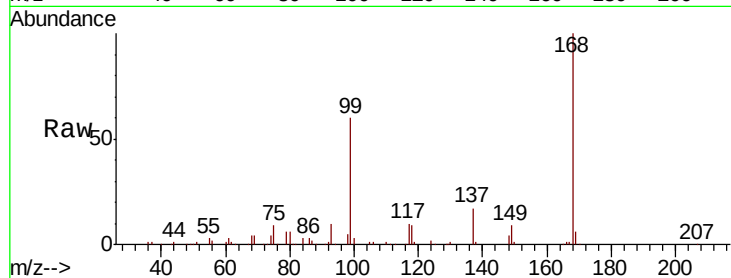
FA19-MMW0421A

Tot Ion:168 Resp: 383352

Ion Ratio Lower Upper

168 100

99 59.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

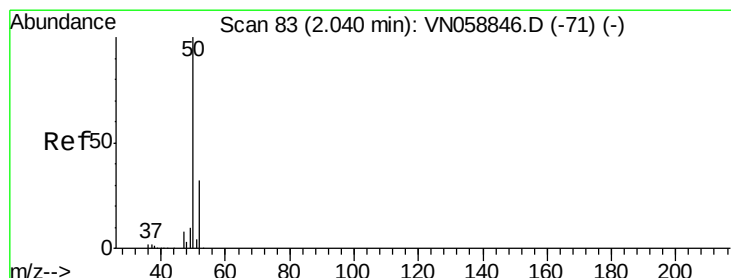
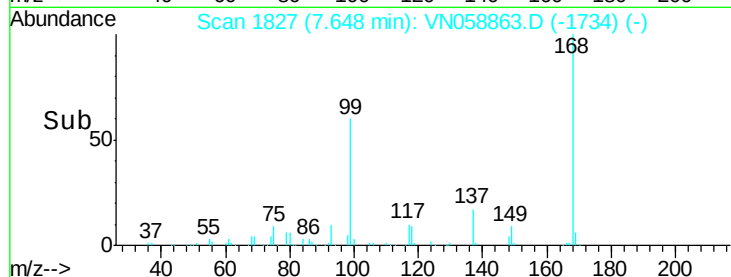
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.349 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.00 min

Lab File: VN058863.D

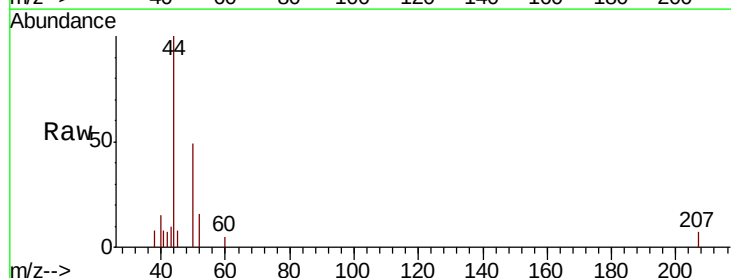
Acq: 18 Oct 2019 17:11

Tgt Ion: 50 Resp: 2067

Ion Ratio Lower Upper

50 100

52 32.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

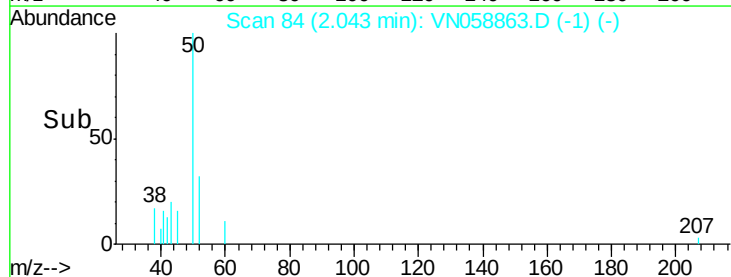
1500

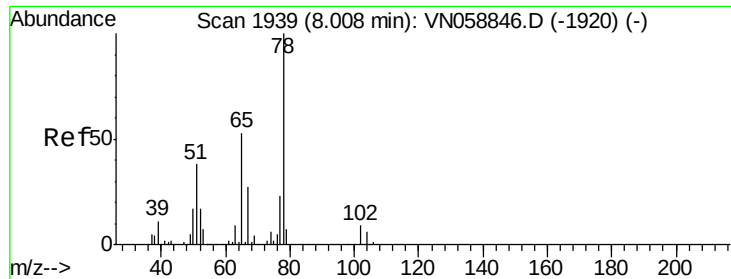
1000

500

0

Time-->

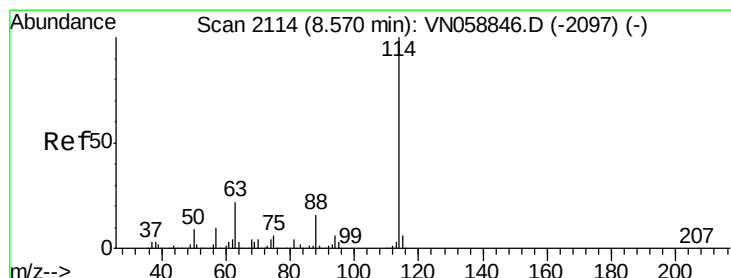
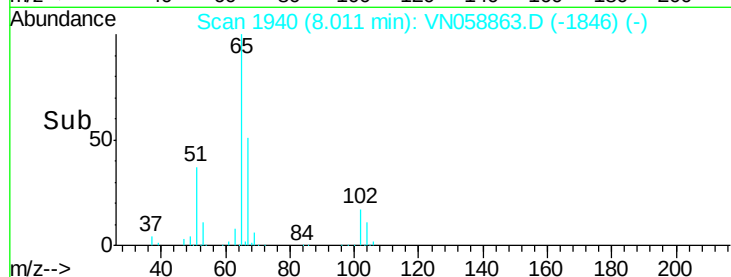
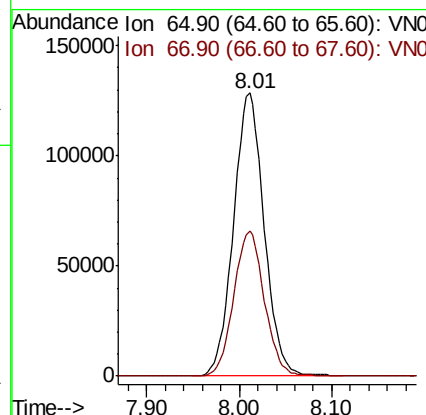
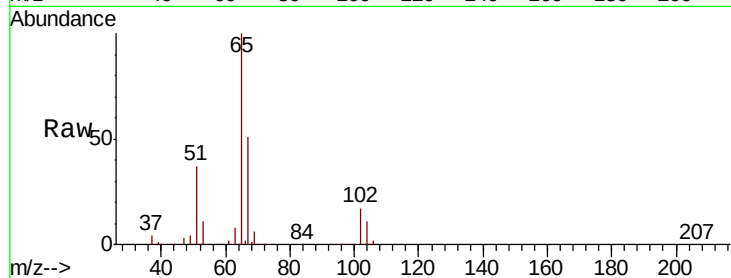




#33
 1,2-Dichloroethane-d4
 Concen: 52.386 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058863.D
 Acq: 18 Oct 2019 17:11

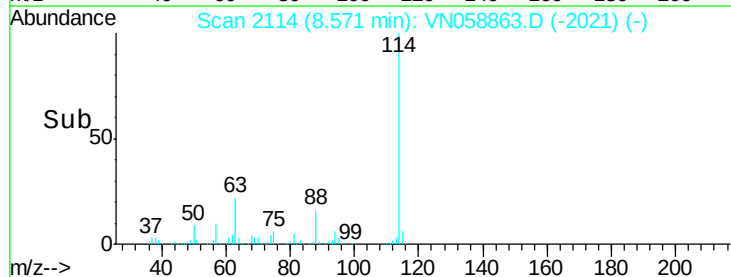
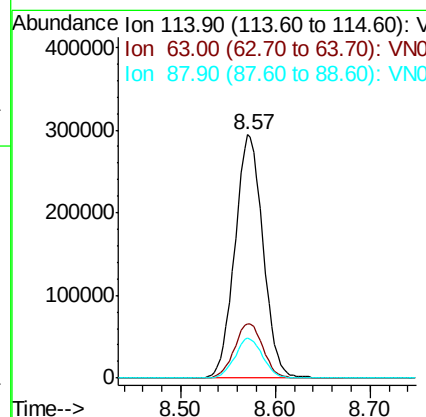
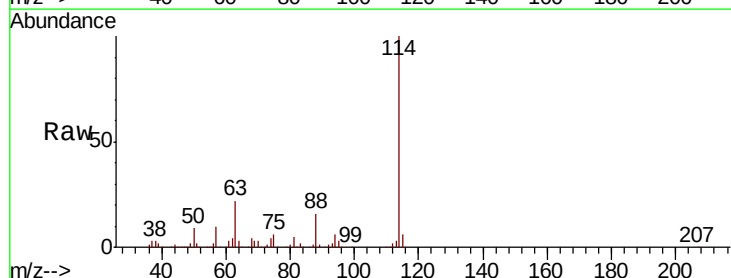
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0421A

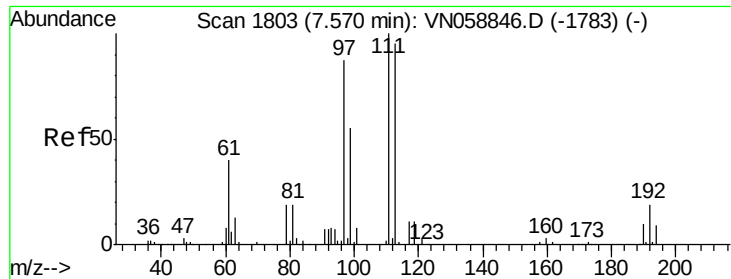
Tot Ion: 65 Resp: 294537
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058863.D
 Acq: 18 Oct 2019 17:11

Tgt Ion: 114 Resp: 608260
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.4
 88 16.2 0.0 31.4

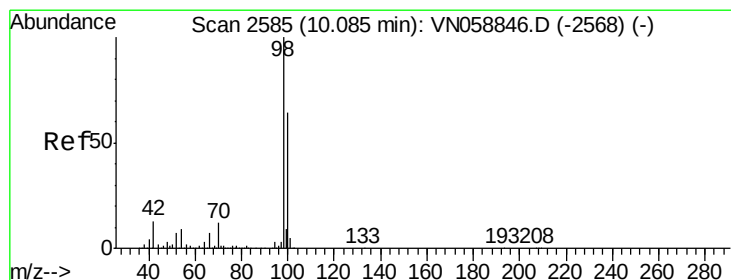
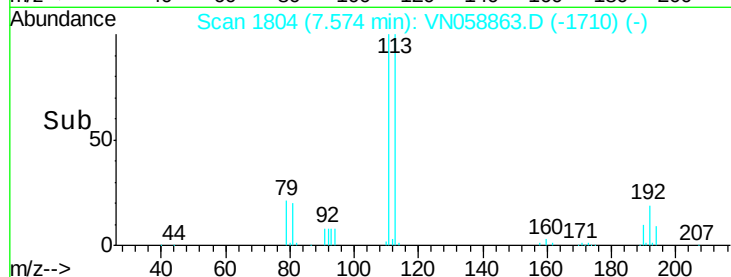
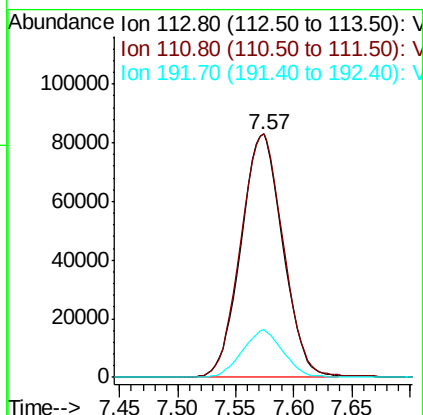
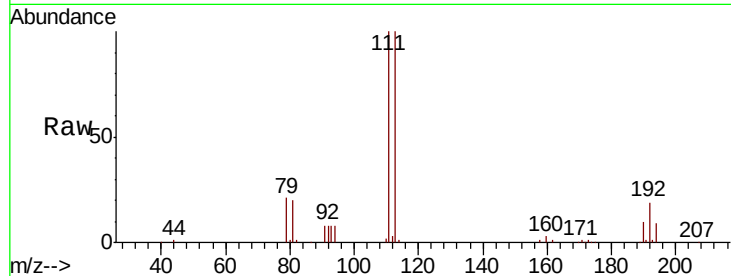




#35
Dibromofluoromethane
Concen: 52.136 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058863.D
Acq: 18 Oct 2019 17:11

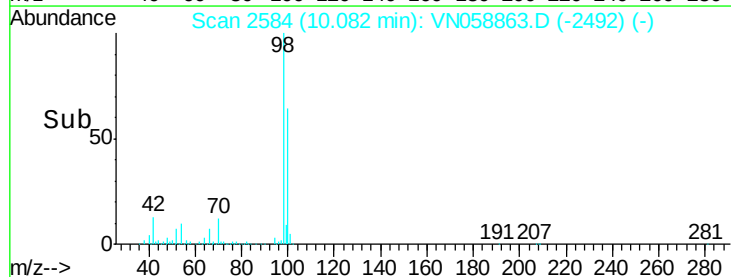
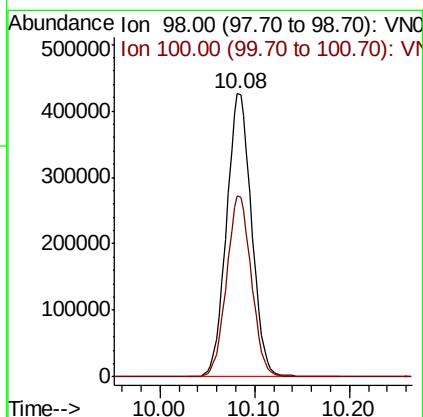
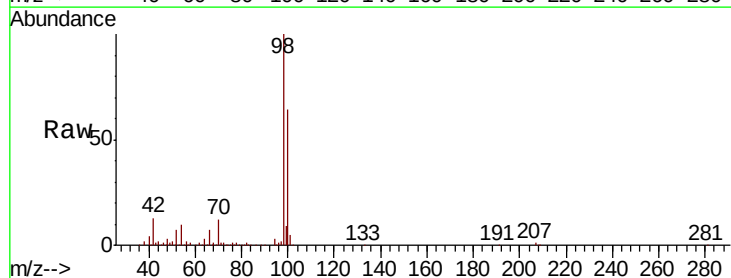
Instrument :
MSVOA_N
ClientSampleId :
FA19-MMW0421A

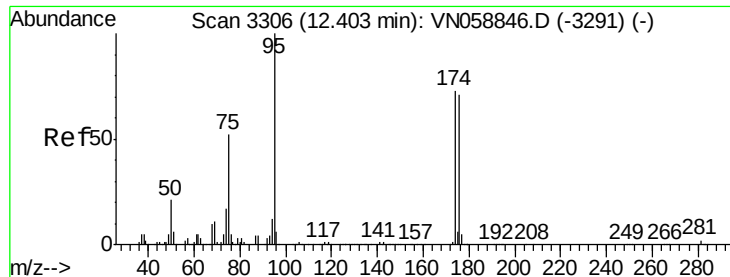
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	19.1	15.0	22.6



#50
Toluene-d8
Concen: 50.428 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058863.D
Acq: 18 Oct 2019 17:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.4	77.2





#62

4-Bromofluorobenzene

Concen: 42.769 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058863.D

Acq: 18 Oct 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0421A

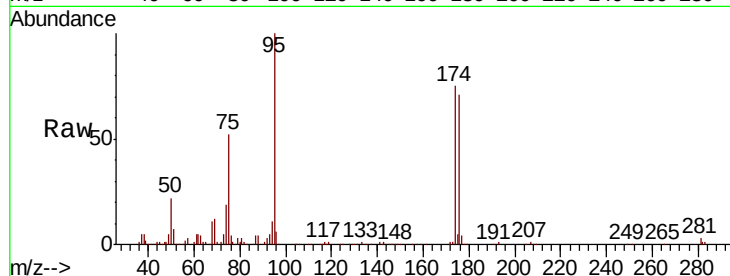
Tot Ion: 95 Resp: 243821

Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.6

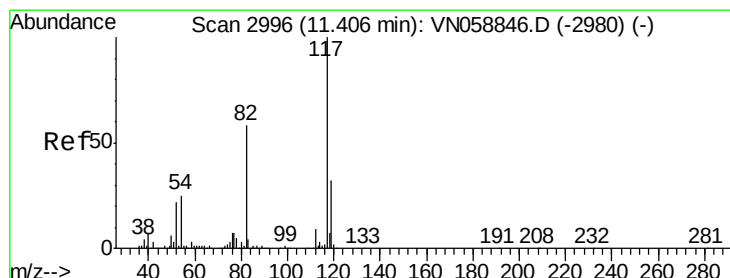
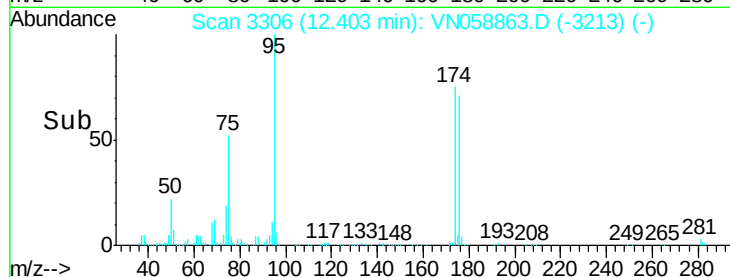
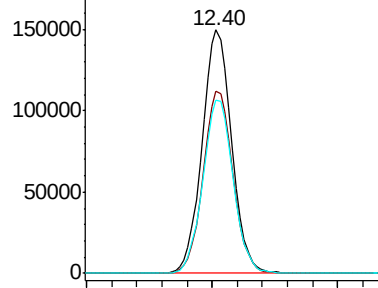
176 73.1 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058863.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058863.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058863.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058863.D

Acq: 18 Oct 2019 17:11

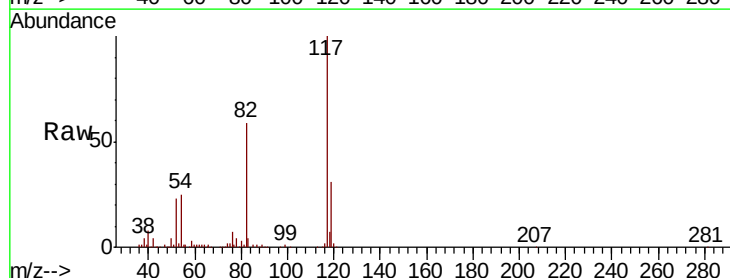
Tgt Ion: 117 Resp: 533583

Ion Ratio Lower Upper

117 100

82 58.8 46.6 69.8

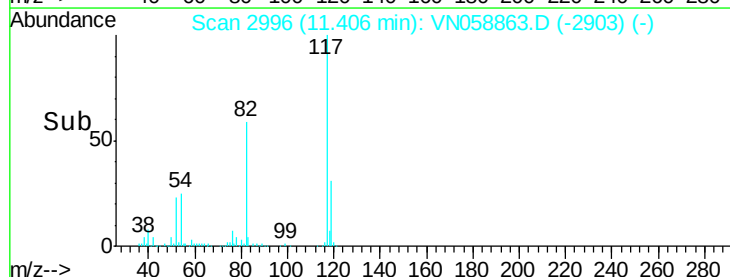
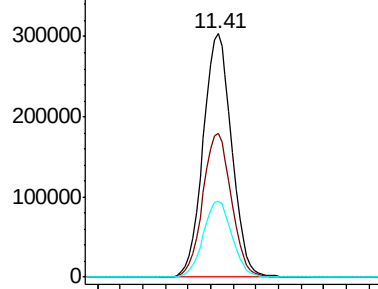
119 31.4 25.6 38.4

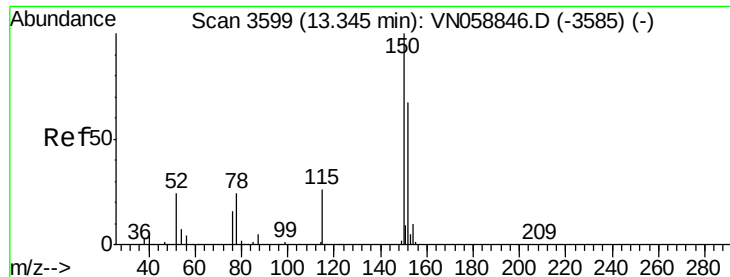


Abundance Ion 116.90 (116.60 to 117.60): VN058863.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058863.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058863.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058863.D

Acq: 18 Oct 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0421A

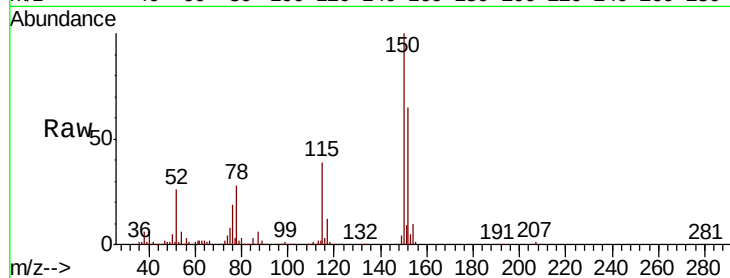
Tot Ion:152 Resp: 189321

Ion Ratio Lower Upper

152 100

115 60.4 30.5 91.5

150 156.0 0.0 344.4



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

