

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058442.D
 Acq On : 30 Sep 2019 17:46
 Operator : JC/SP
 Sample : K5080-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW184S-20190924

Quant Time: Oct 01 04:47:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

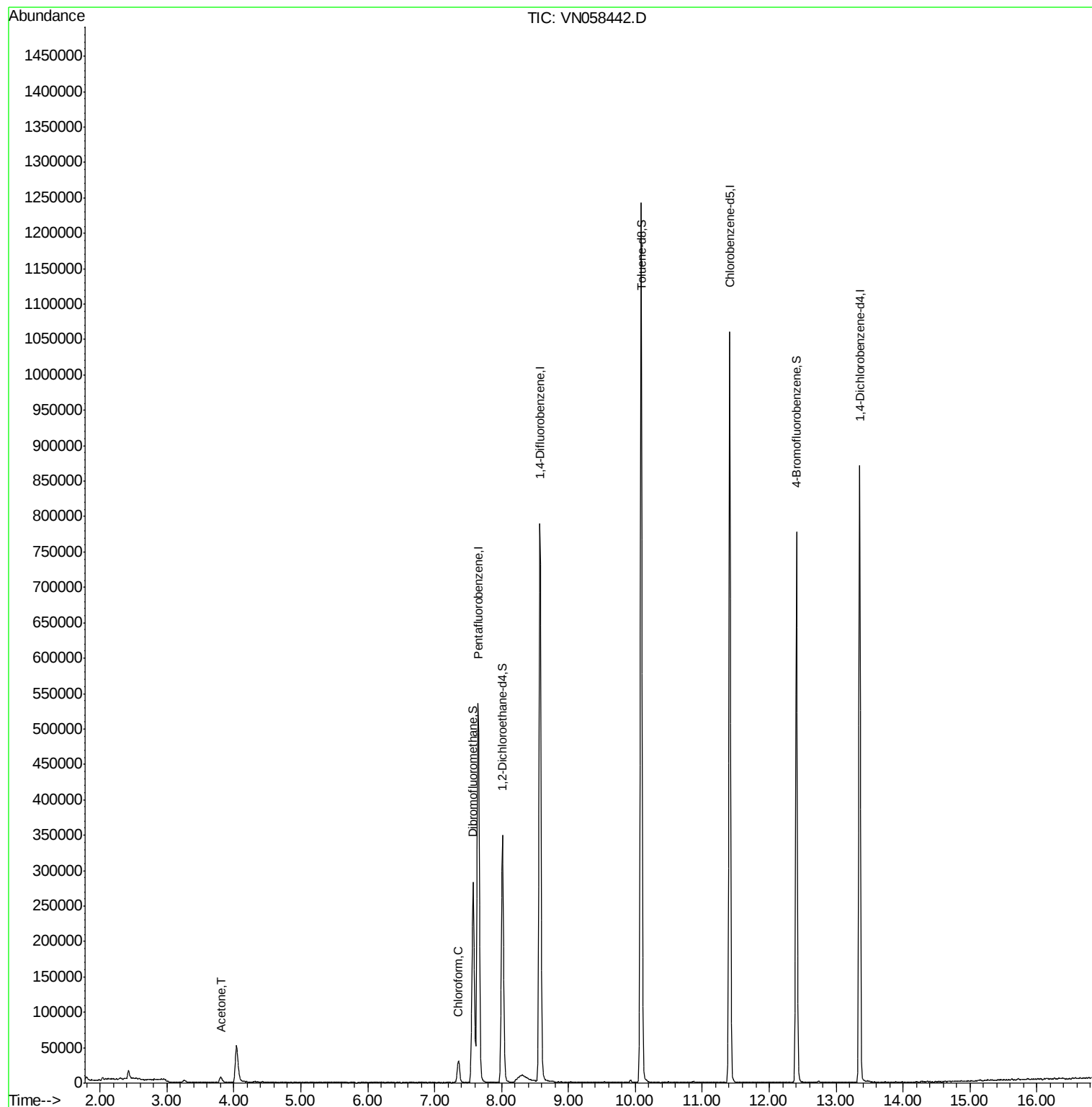
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	421110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	685125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	582270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	304373	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
35) Dibromofluoromethane	7.58	113	212139	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.08	98	844654	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.41	95	263086	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
Target Compounds						
16) Acetone	3.81	43	13584	6.475	ug/l	99
30) Chloroform	7.36	83	32504	3.664	ug/l	98

(#) = 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# 1828

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

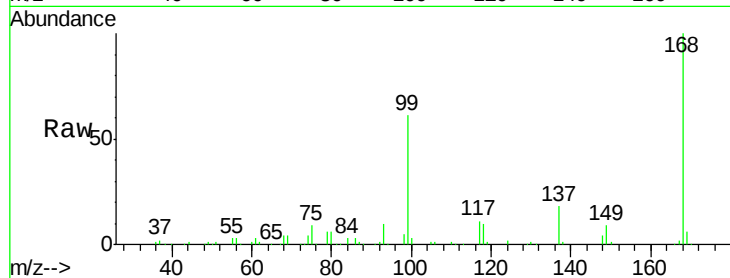
SA-MW184S-20190924

Tot Ion:168 Resp: 421110

Ion Ratio Lower Upper

168 100

99 60.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

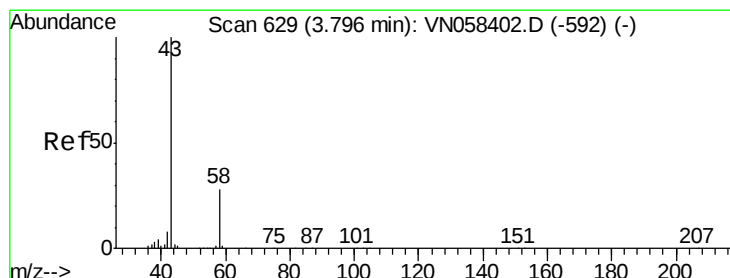
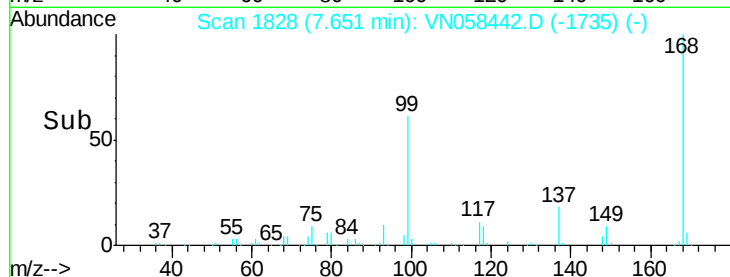
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.475 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058442.D

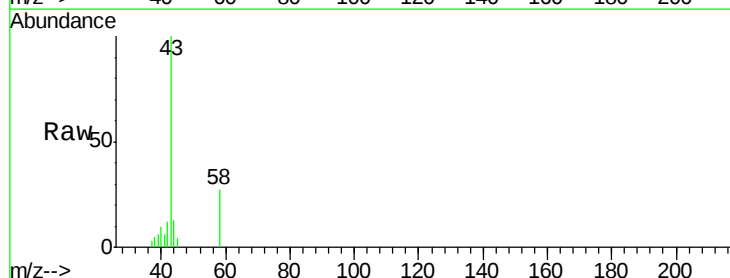
Acq: 30 Sep 2019 17:46

Tgt Ion: 43 Resp: 13584

Ion Ratio Lower Upper

43 100

58 27.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

5000

4000

3000

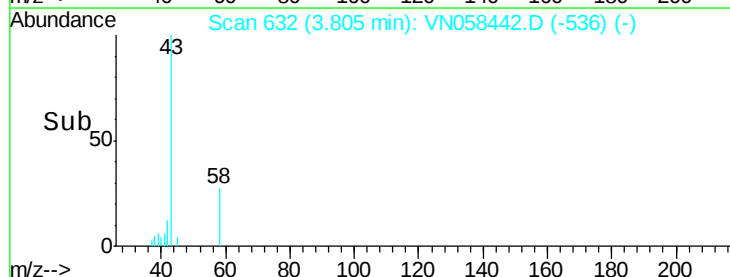
2000

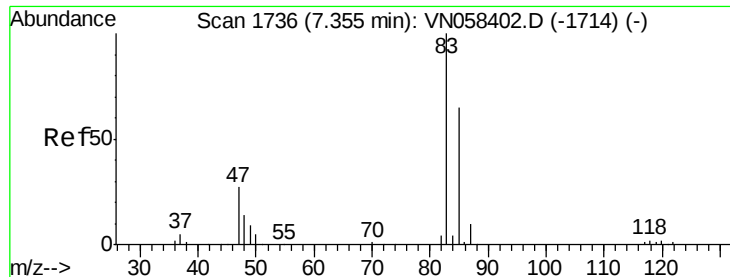
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

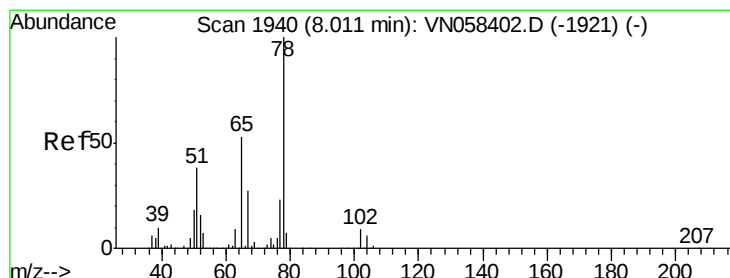
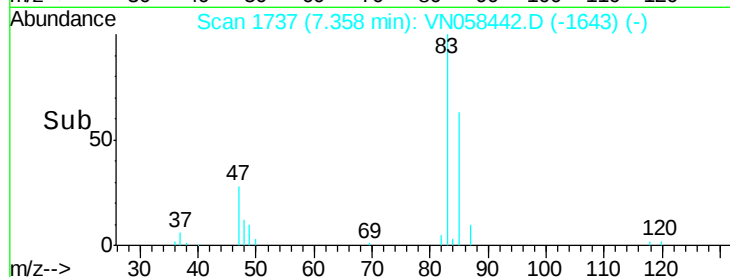
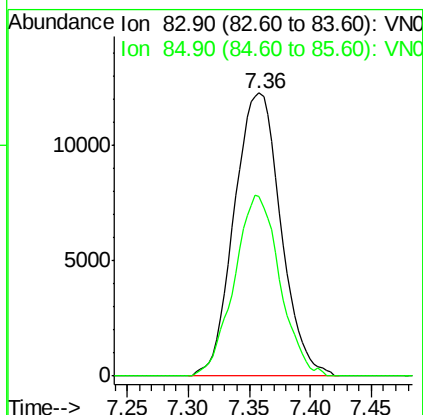
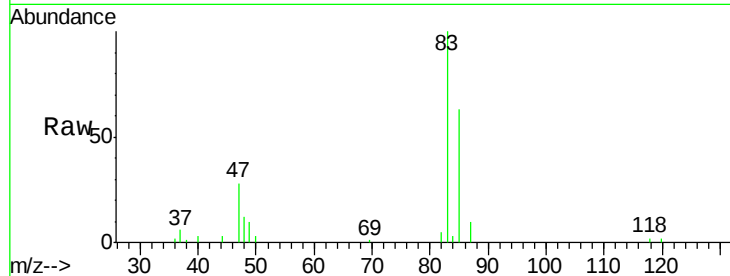




#30
Chloroform
Concen: 3.664 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN058442.D
Acq: 30 Sep 2019 17:46

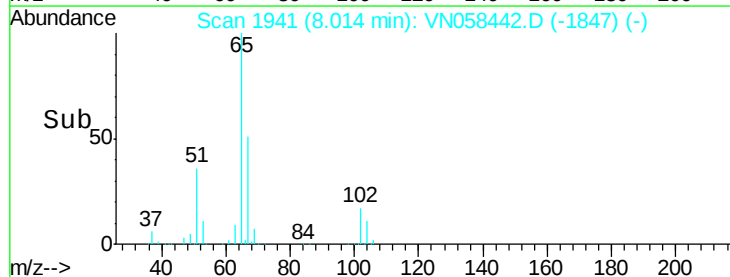
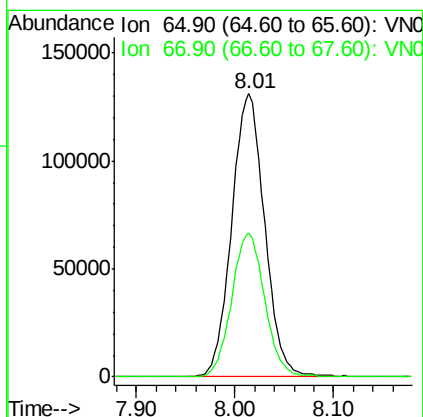
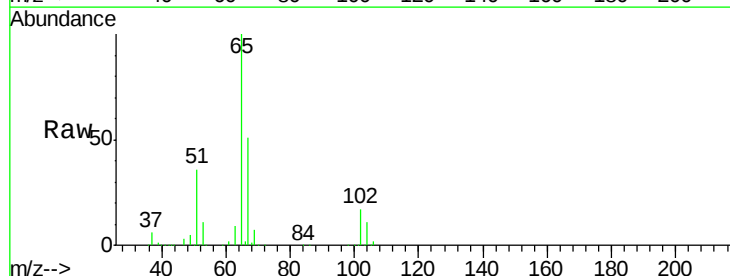
Instrument :
MSVOA_N
ClientSampleId :
SA-MW184S-20190924

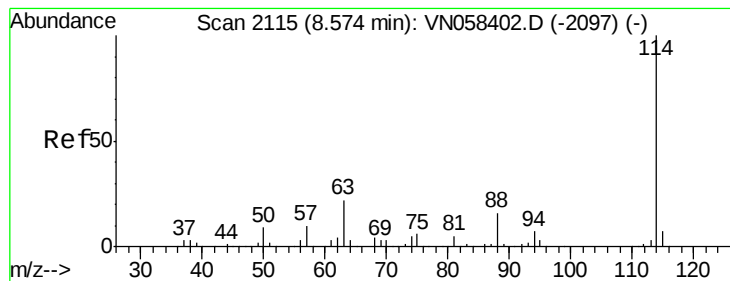
Tot Ion: 83 Resp: 32504
Ion Ratio Lower Upper
83 100
85 63.5 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 49.461 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058442.D
Acq: 30 Sep 2019 17:46

Tgt Ion: 65 Resp: 304373
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058442.D

Acq: 30 Sep 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

SA-MW184S-20190924

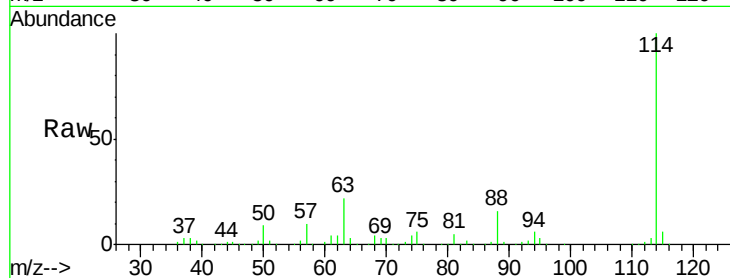
Tot Ion:114 Resp: 685125

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

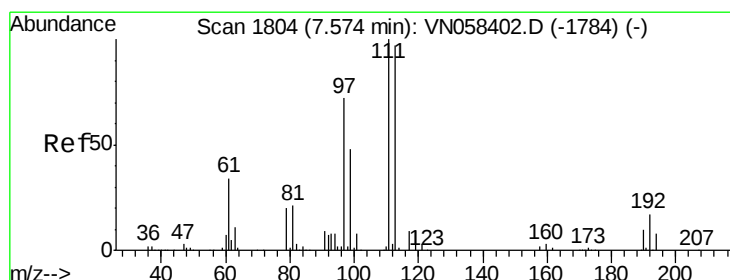
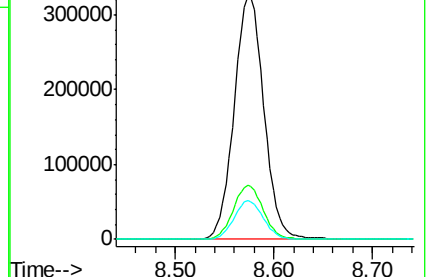
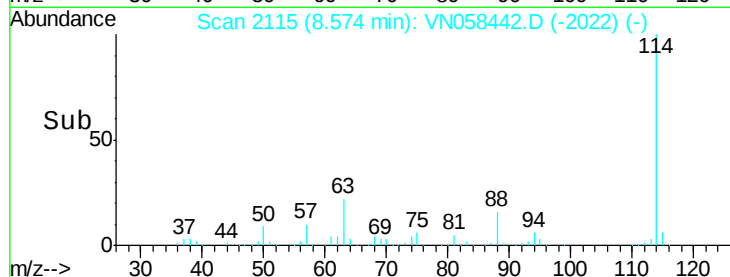
88 16.0 0.0 32.2



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: 50.521 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058442.D

Acq: 30 Sep 2019 17:46

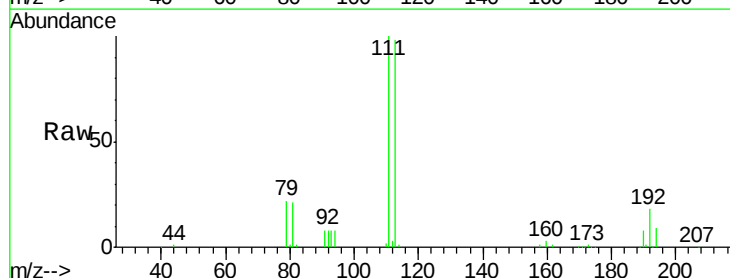
Tgt Ion:113 Resp: 212139

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

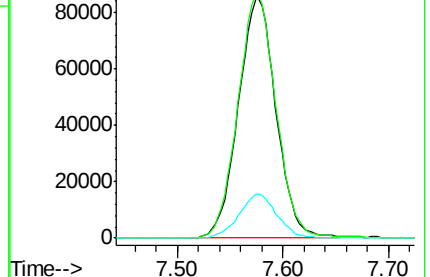
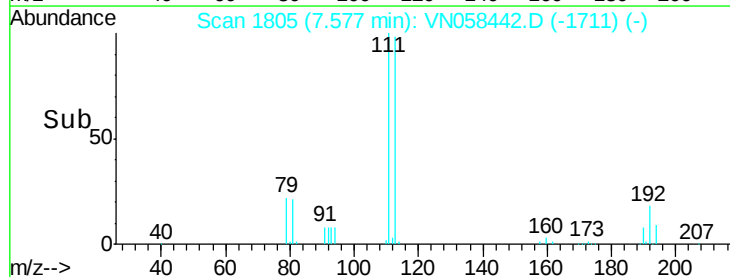
192 18.3 14.9 22.3

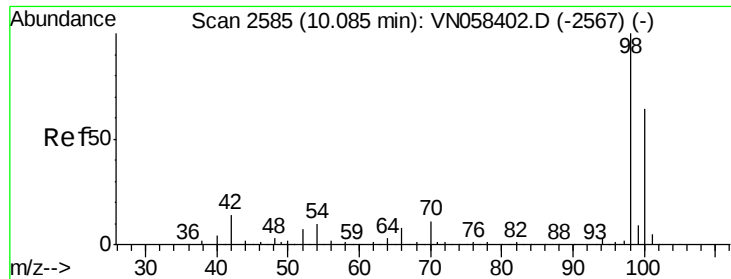


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.348 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058442.D

Acq: 30 Sep 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

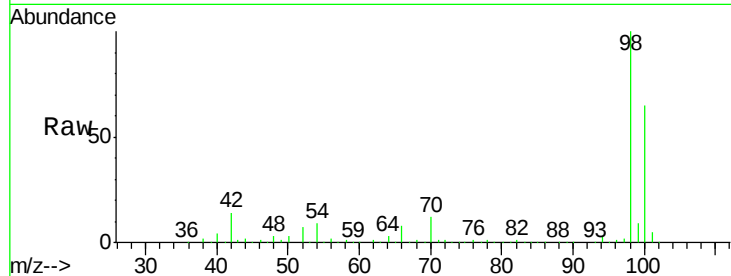
SA-MW184S-20190924

Tot Ion: 98 Resp: 844654

Ion Ratio Lower Upper

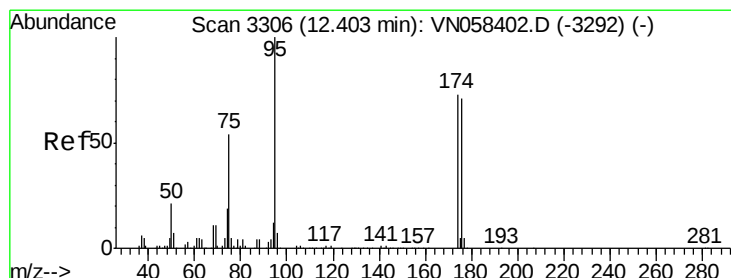
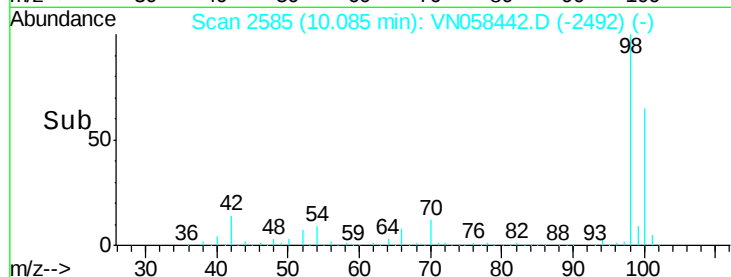
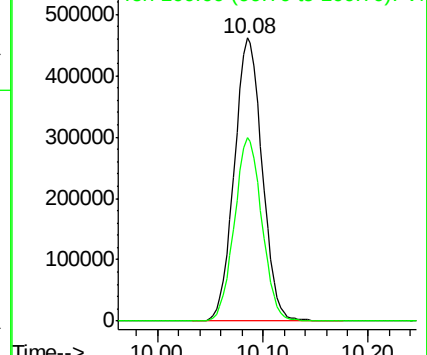
98 100

100 64.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 44.232 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058442.D

Acq: 30 Sep 2019 17:46

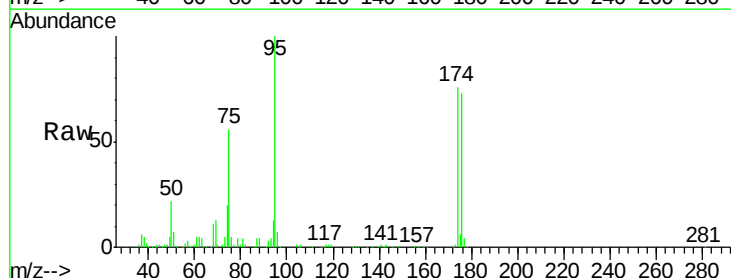
Tgt Ion: 95 Resp: 263086

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.6

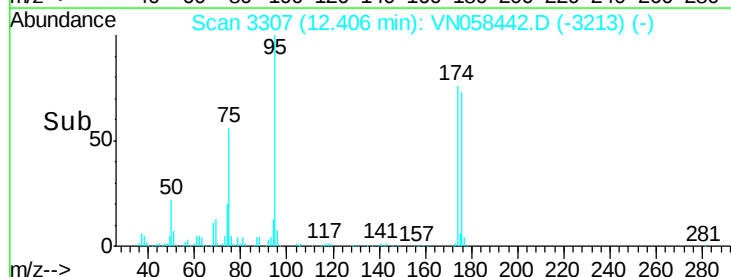
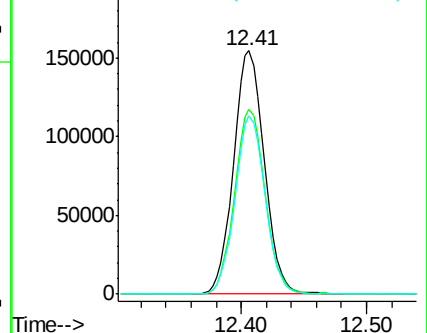
176 72.0 0.0 146.2

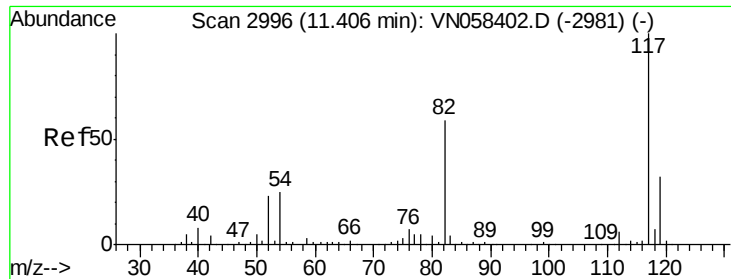


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

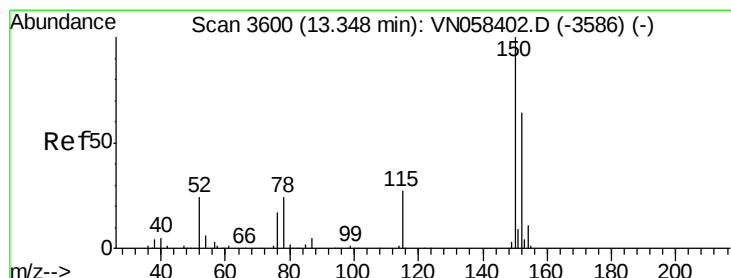
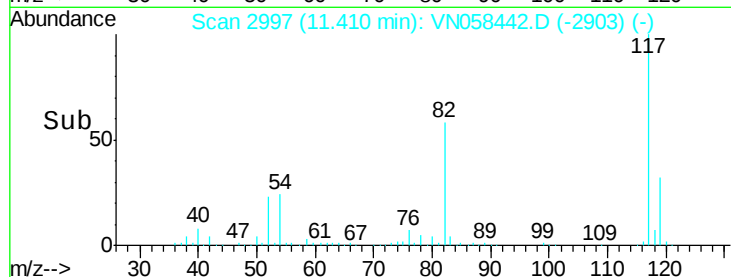
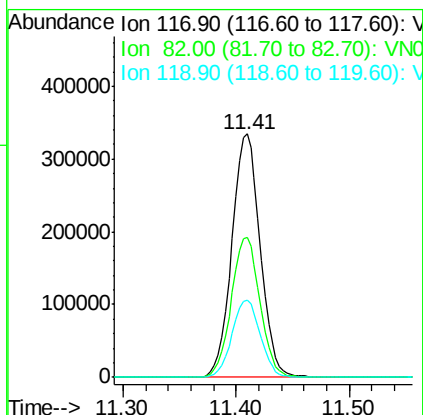
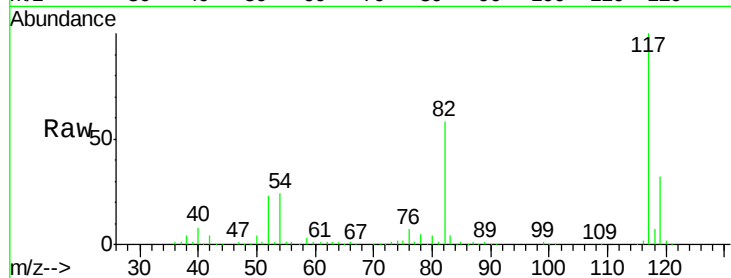




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058442.D
Acq: 30 Sep 2019 17:46

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184S-20190924

Tot Ion:117 Resp: 582270
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.0
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058442.D
Acq: 30 Sep 2019 17:46

Tgt Ion:152 Resp: 222351
Ion Ratio Lower Upper
152 100
115 60.9 30.0 90.0
150 155.6 0.0 348.2

