

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058054.D
 Acq On : 14 Sep 2019 6:22
 Operator : JC/SP
 Sample : PB123072TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123072TB

Quant Time: Sep 16 02:05:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

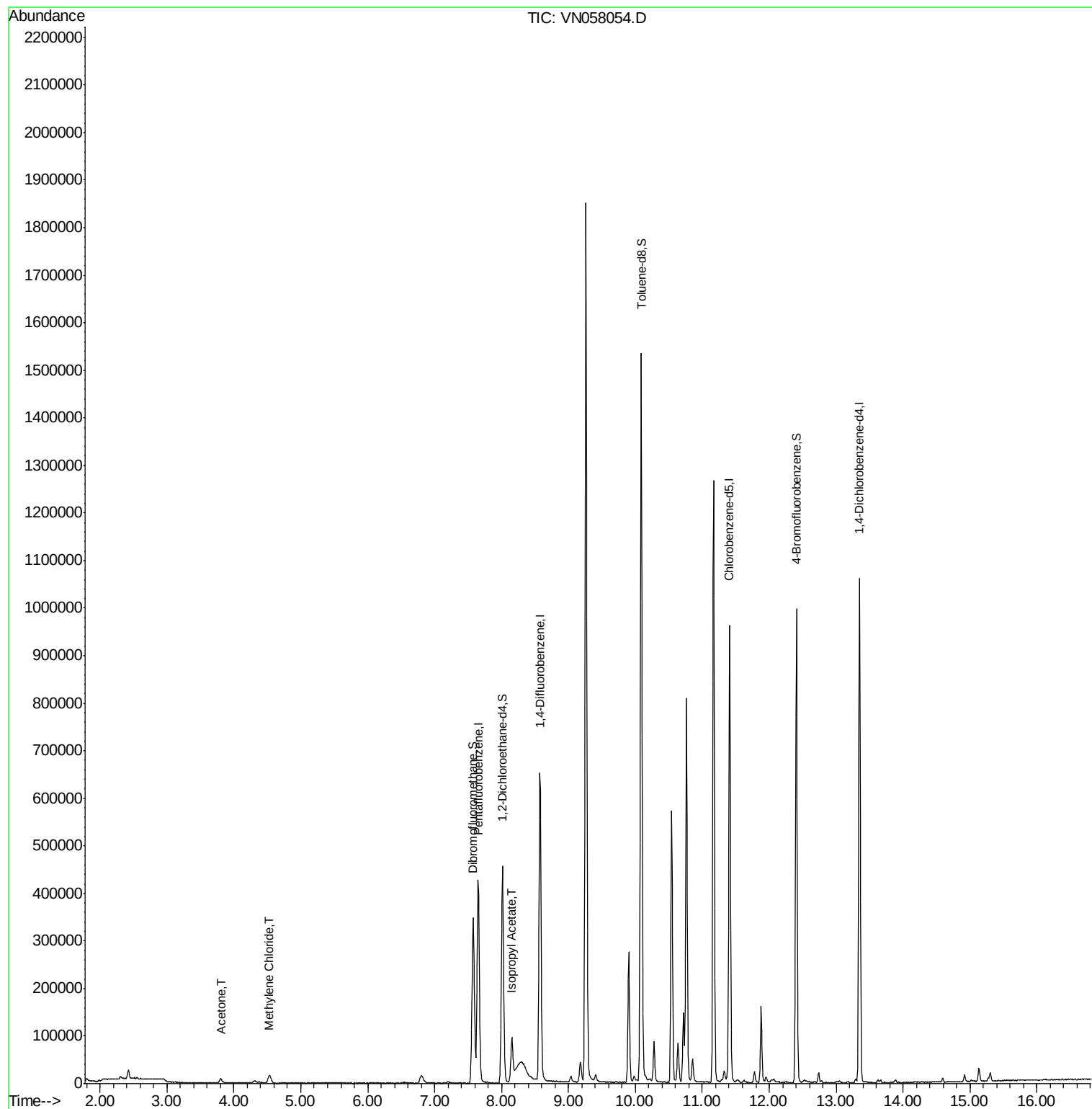
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	333192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	570716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	521238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	264602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	386538	57.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.56%	
35) Dibromofluoromethane	7.58	113	270094	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	10.09	98	1038536	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.40	95	336369	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	
Target Compounds						
16) Acetone	3.80	43	15708	7.100	ug/l	94
20) Methylene Chloride	4.53	84	11196	1.463	ug/l	94
43) Isopropyl Acetate	8.15	43	121354	10.552	ug/l #	86

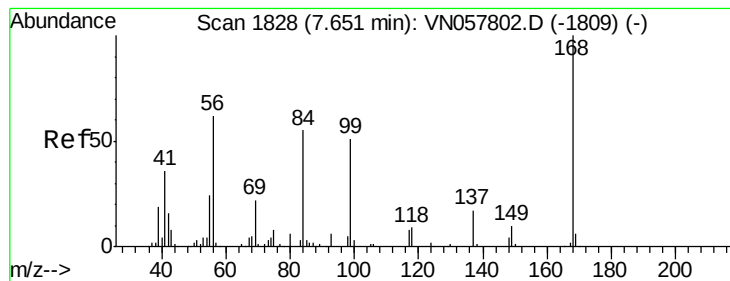
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

ClientSampleId :

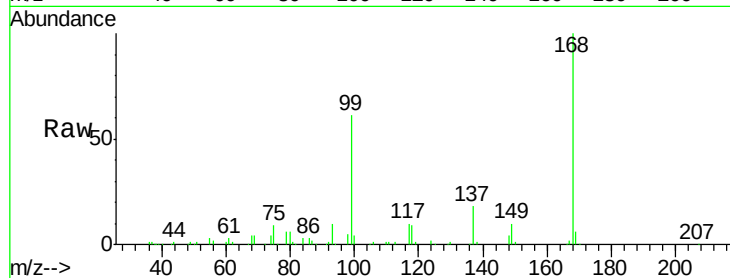
PB123072TB

Tot Ion:168 Resp: 333192

Ion Ratio Lower Upper

168 100

99 61.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

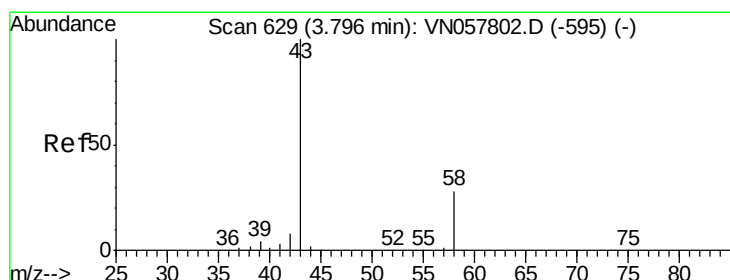
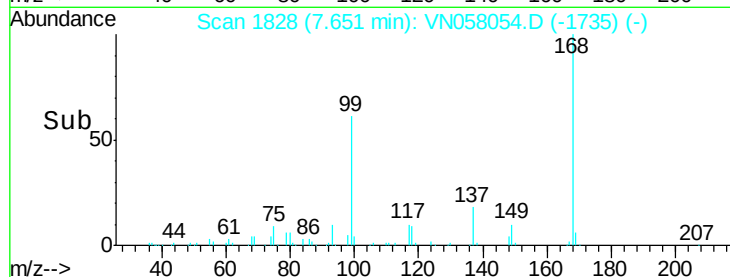
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.100 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058054.D

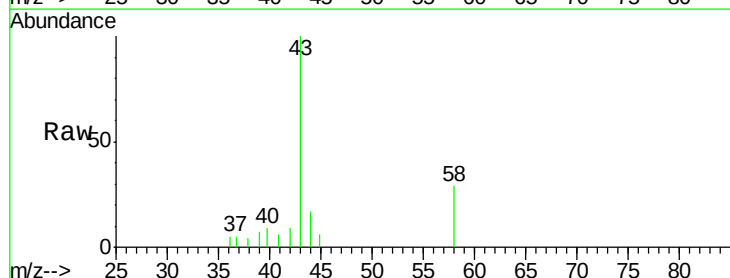
Acq: 14 Sep 2019 6:22

Tgt Ion: 43 Resp: 15708

Ion Ratio Lower Upper

43 100

58 30.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

6000

5000

4000

3000

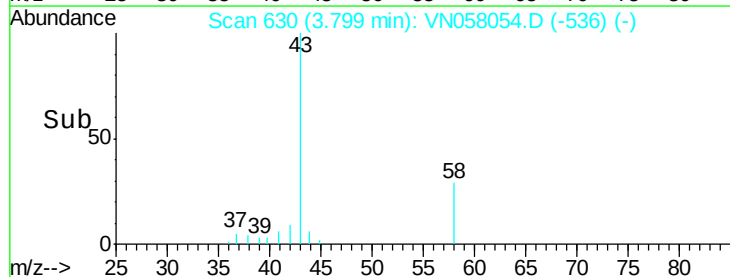
2000

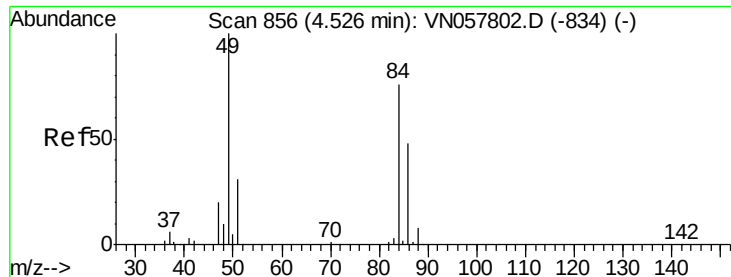
1000

0

3.70 3.80 3.90

Time-->

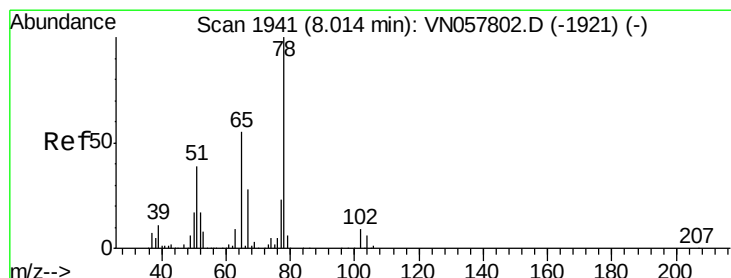
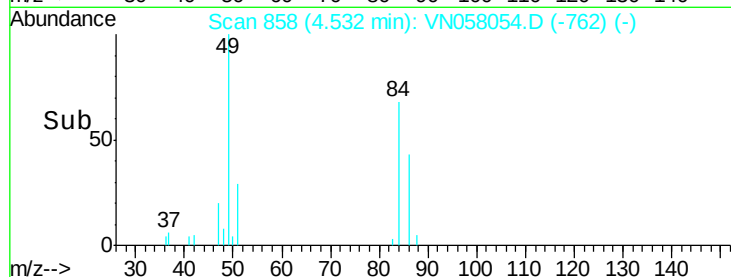
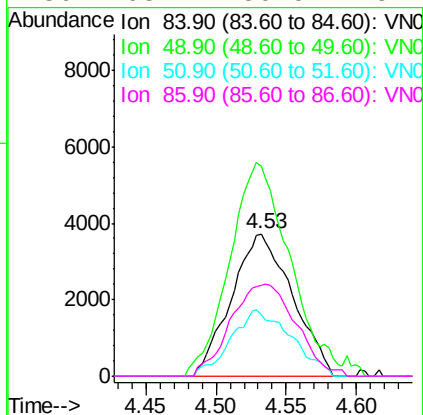
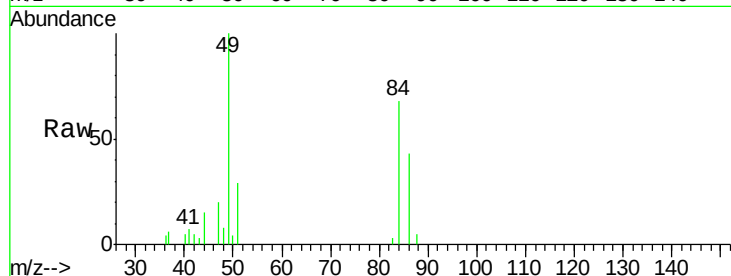




#20
Methylene Chloride
Concen: 1.463 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058054.D
Acq: 14 Sep 2019 6:22

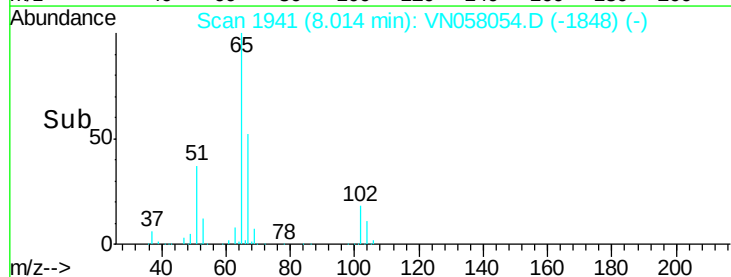
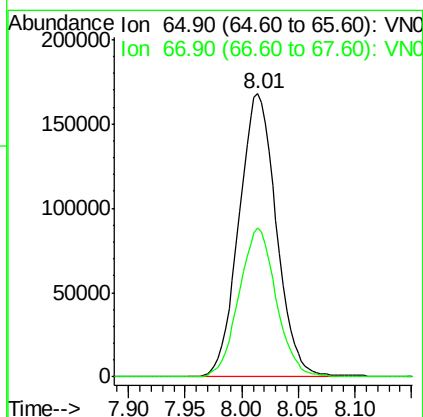
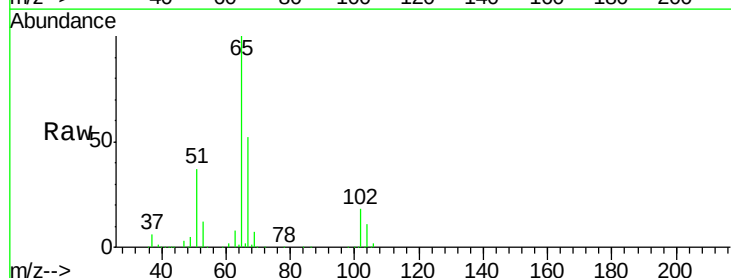
Instrument :
MSVOA_N
ClientSampled :
PB123072TB

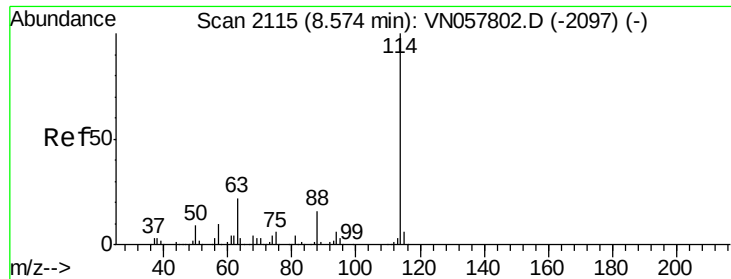
Tot Ion:	84	Resp:	11196
Ion	Ratio	Lower	Upper
84	100		
49	141.6	104.8	157.2
51	43.0	33.0	49.4
86	63.7	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 57.277 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058054.D
Acq: 14 Sep 2019 6:22

Tgt Ion:	65	Resp:	386538
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.0

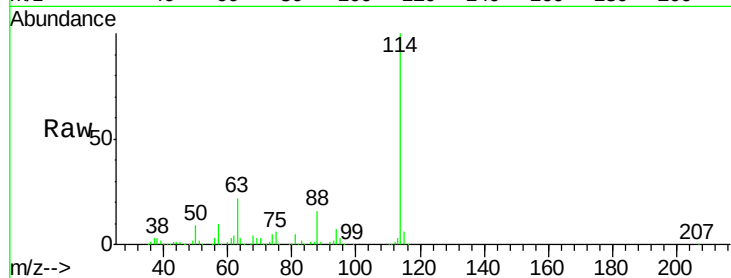




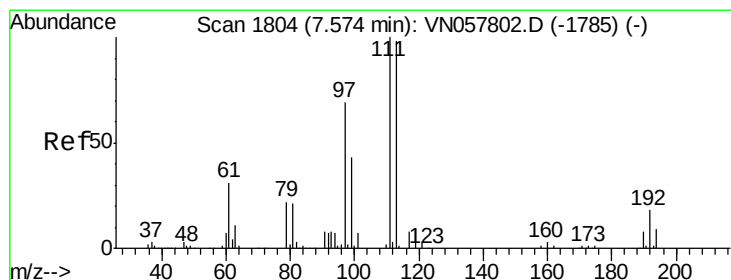
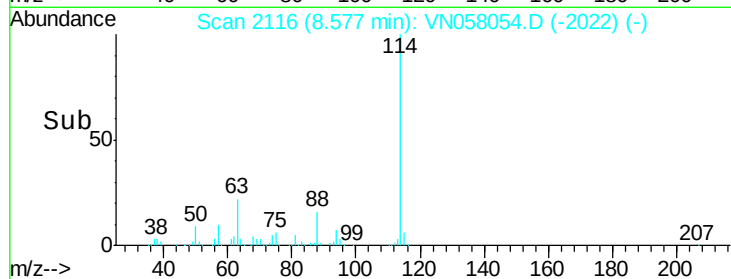
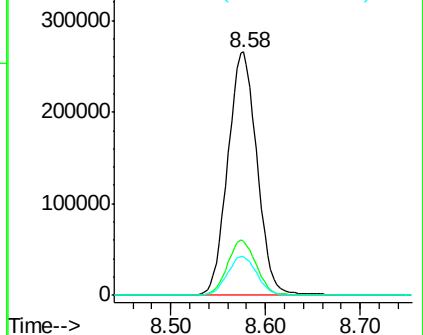
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058054.D
 Acq: 14 Sep 2019 6:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123072TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	15.8	0.0	31.4

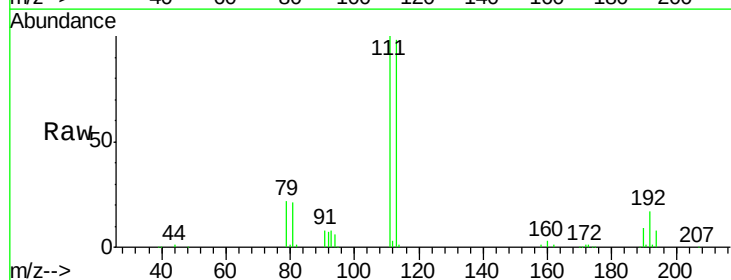


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

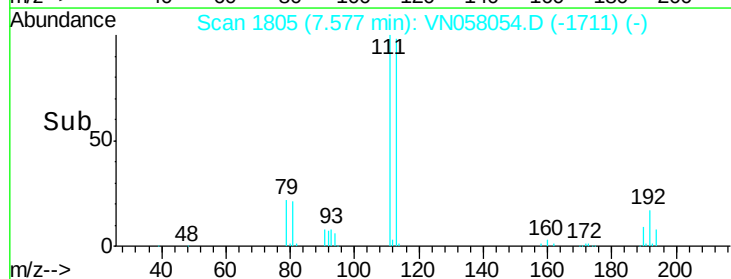
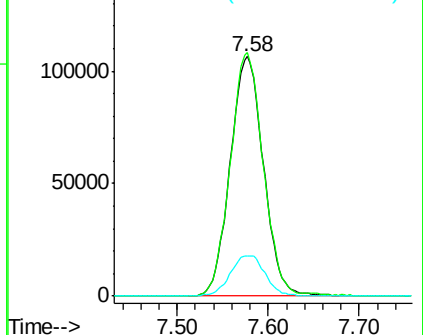


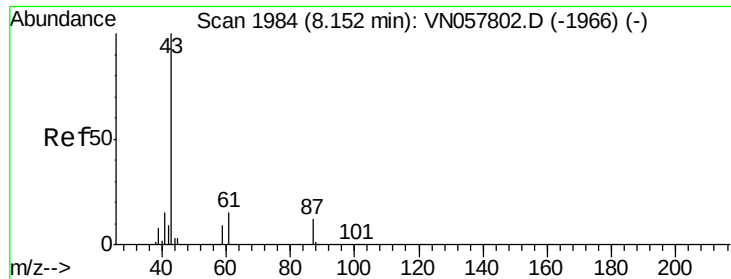
#35
 Dibromofluoromethane
 Concen: 51.276 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058054.D
 Acq: 14 Sep 2019 6:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.3	121.9
192	17.8	14.6	22.0



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





#43

Isopropyl Acetate

Concen: 10.552 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

ClientSampleId :

PB123072TB

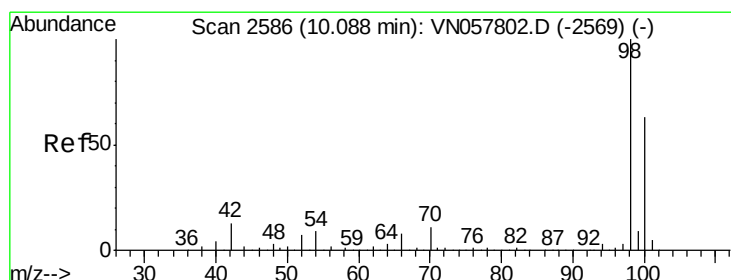
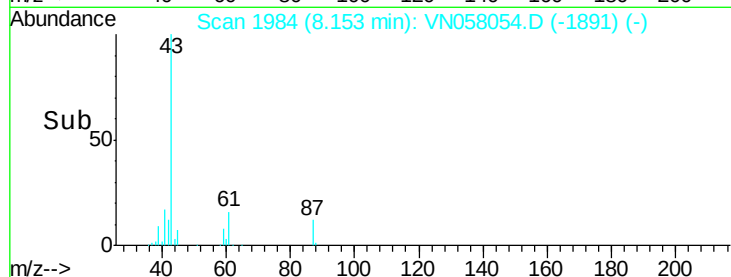
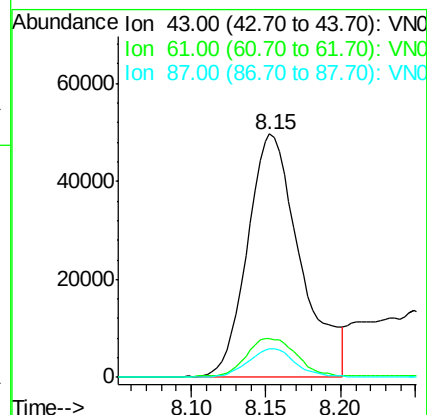
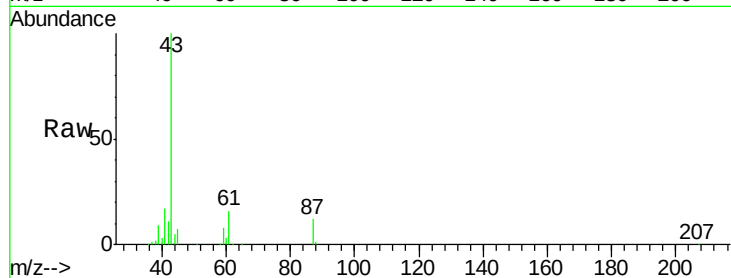
Tot Ion: 43 Resp: 121354

Ion Ratio Lower Upper

43 100

61 15.8 20.1 30.1#

87 10.5 9.5 14.3



#50

Toluene-d8

Concen: 50.781 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058054.D

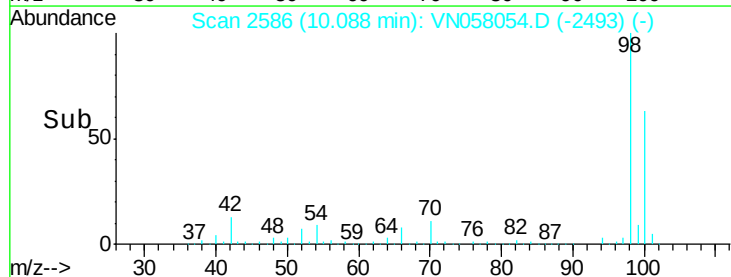
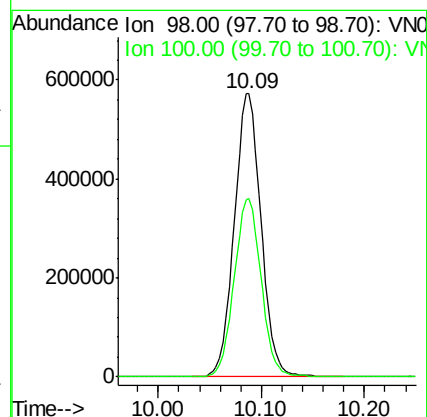
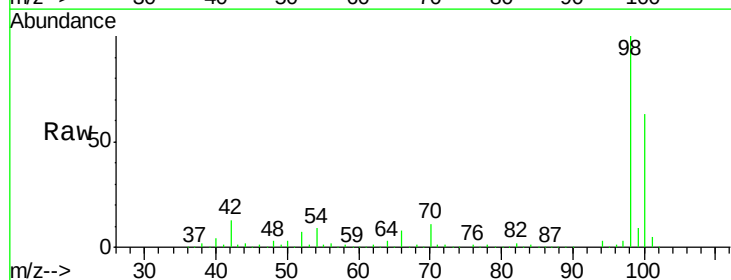
Acq: 14 Sep 2019 6:22

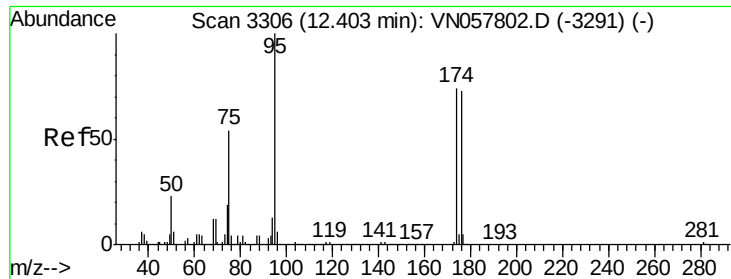
Tgt Ion: 98 Resp: 1038536

Ion Ratio Lower Upper

98 100

100 63.4 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 43.159 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

ClientSampled :

PB123072TB

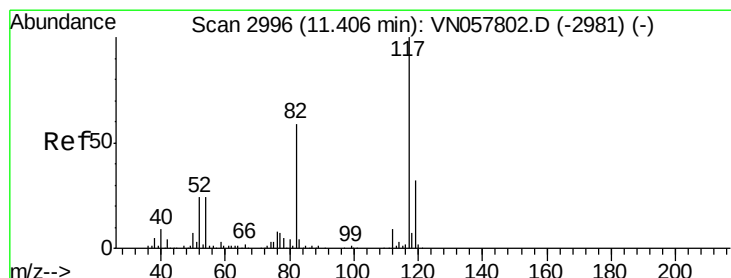
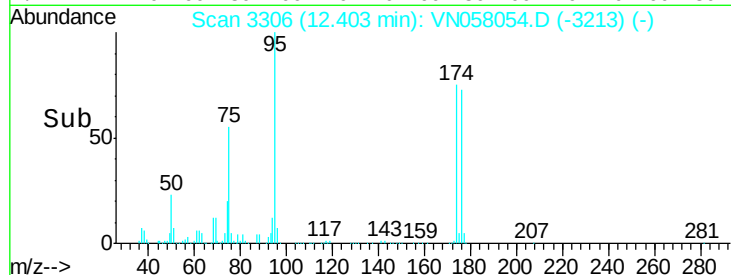
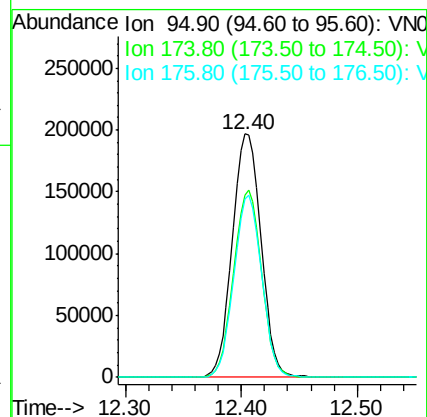
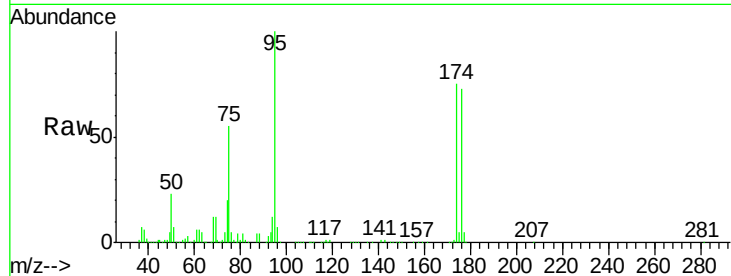
Tot Ion: 95 Resp: 336369

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

176 72.3 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

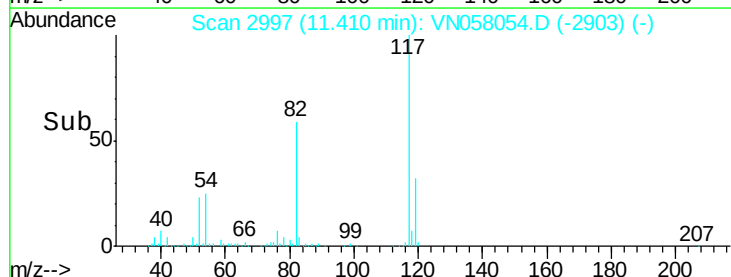
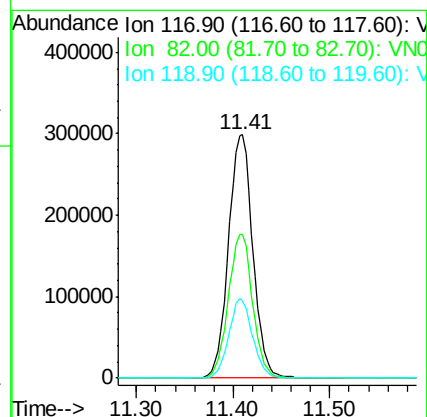
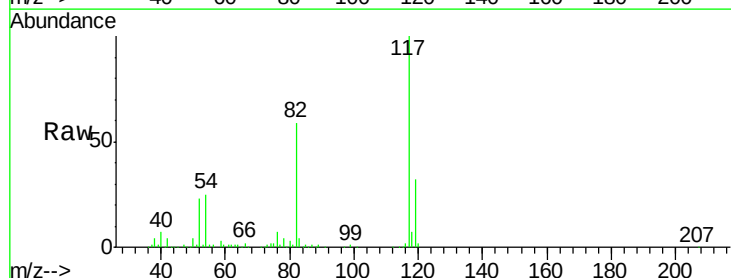
Tgt Ion: 117 Resp: 521238

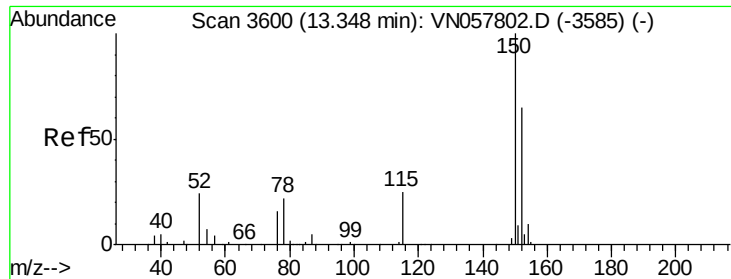
Ion Ratio Lower Upper

117 100

82 59.3 47.2 70.8

119 31.9 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058054.D

Acq: 14 Sep 2019 6:22

Instrument :

MSVOA_N

ClientSampleId :

PB123072TB

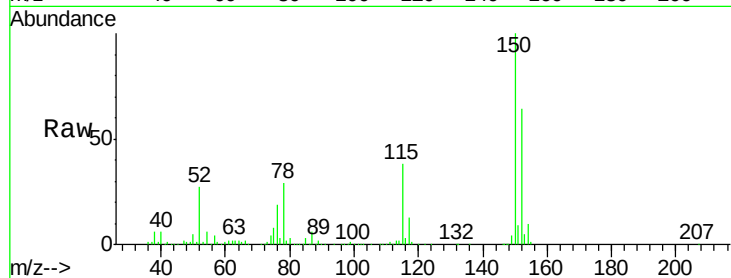
Tot Ion:152 Resp: 264602

Ion Ratio Lower Upper

152 100

115 60.9 30.3 91.0

150 157.0 0.0 352.4



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

