

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058577.D
 Acq On : 7 Oct 2019 19:21
 Operator : JC/SP
 Sample : PB123664TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123664TB

Quant Time: Oct 08 15:27:13 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

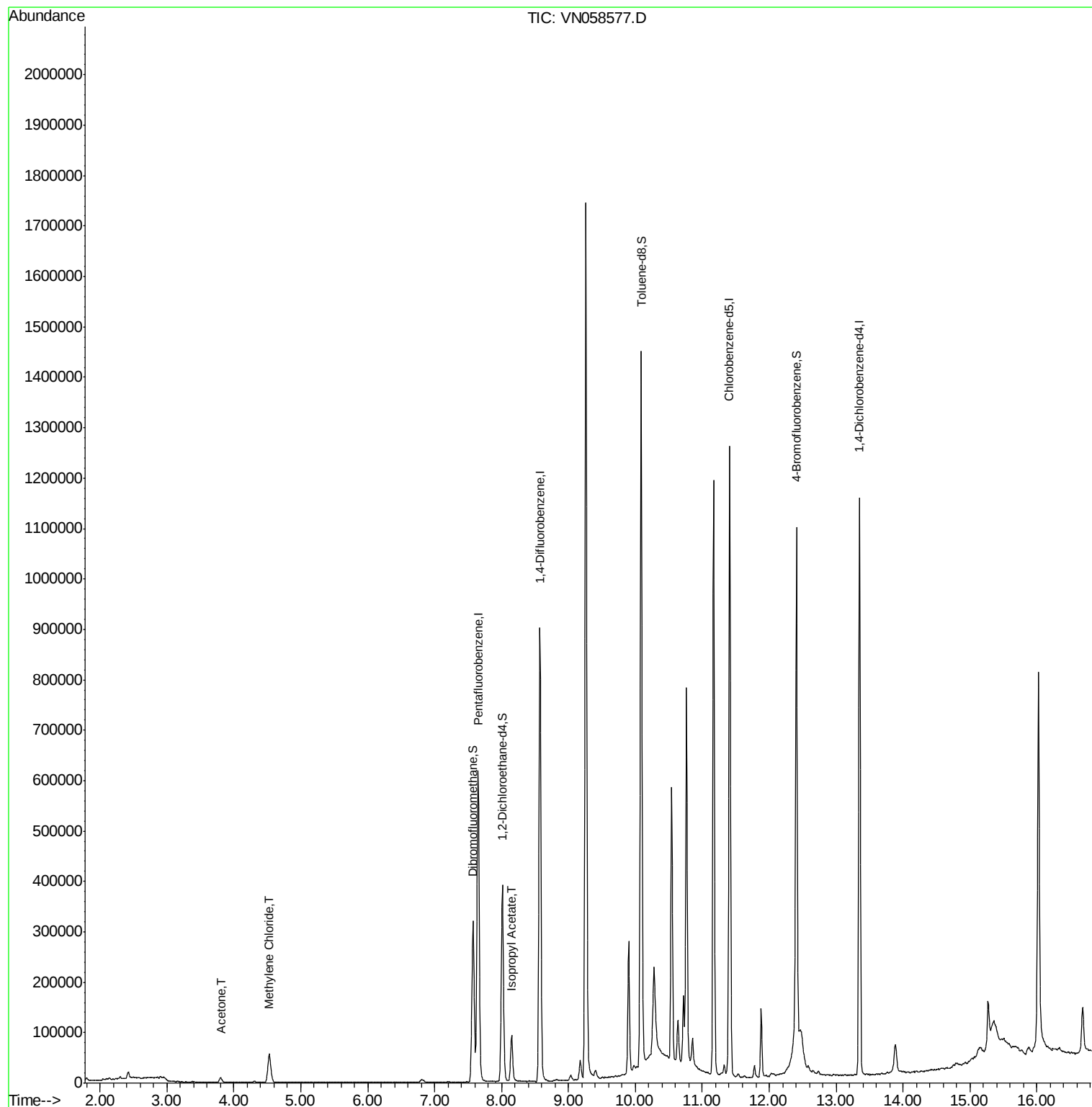
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	496072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	789527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	703419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	338707	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
35) Dibromofluoromethane	7.57	113	241889	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	10.08	98	986411	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.41	95	337988	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
Target Compounds						
16) Acetone	3.80	43	16038	6.490	ug/l	94
20) Methylene Chloride	4.53	84	41876	7.343	ug/l	93
43) Isopropyl Acetate	8.15	43	107910	8.965	ug/l	98

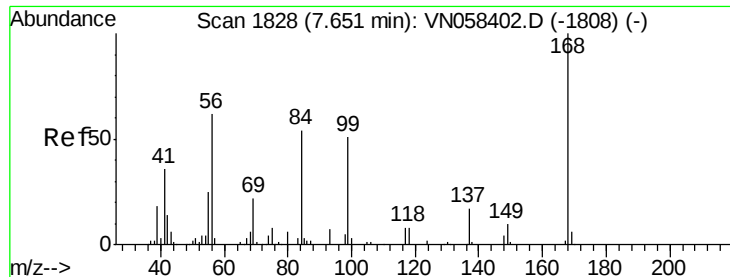
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

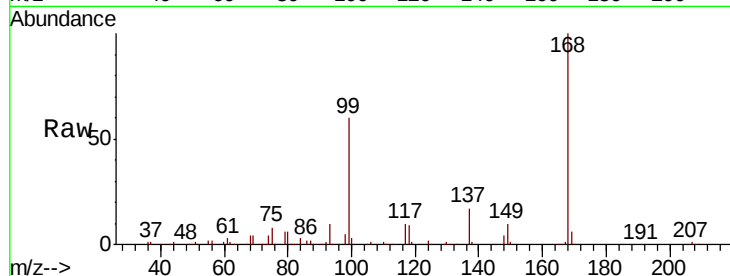
PB123664TB

Tot Ion:168 Resp: 496072

Ion Ratio Lower Upper

168 100

99 59.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

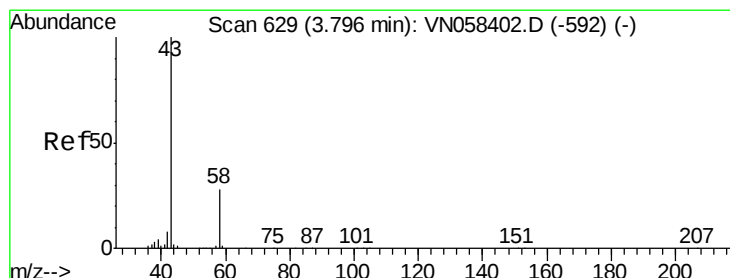
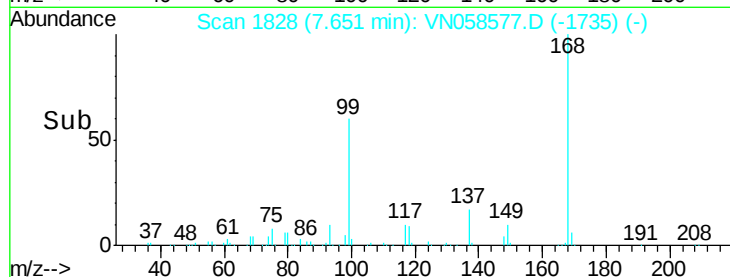
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.490 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058577.D

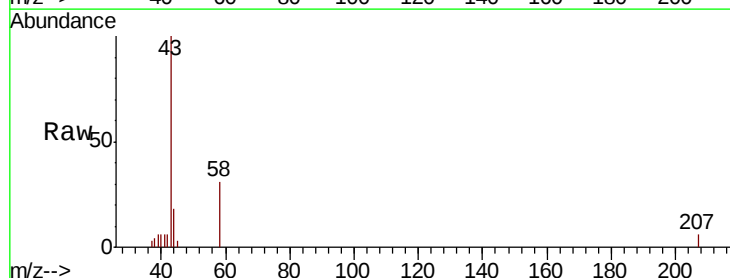
Acq: 7 Oct 2019 19:21

Tgt Ion: 43 Resp: 16038

Ion Ratio Lower Upper

43 100

58 30.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

6000

5000

4000

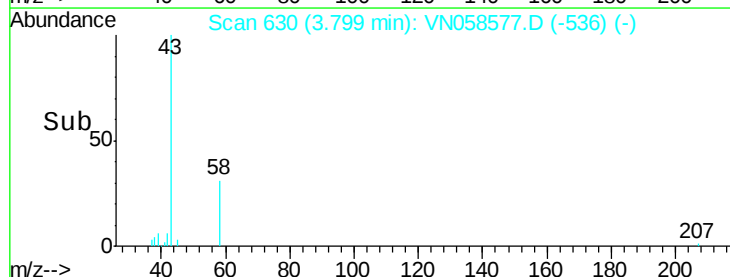
3000

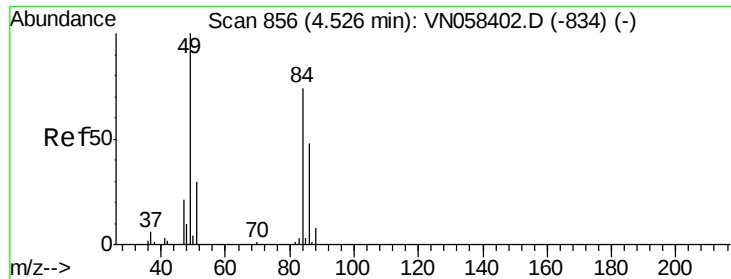
2000

1000

0

Time--> 3.70 3.80 3.90

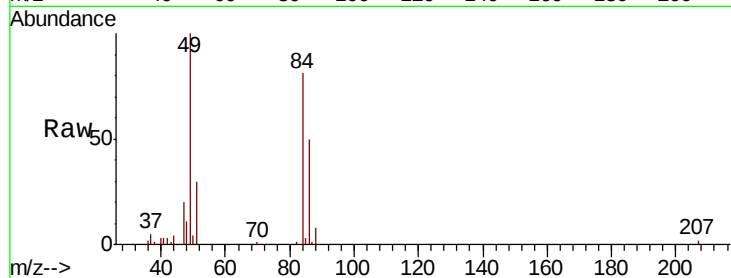




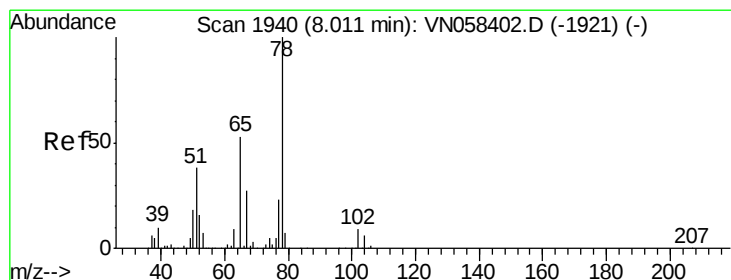
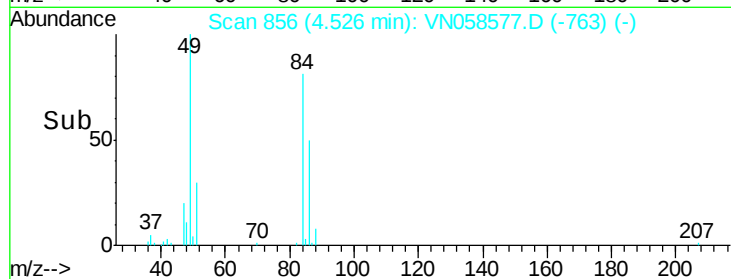
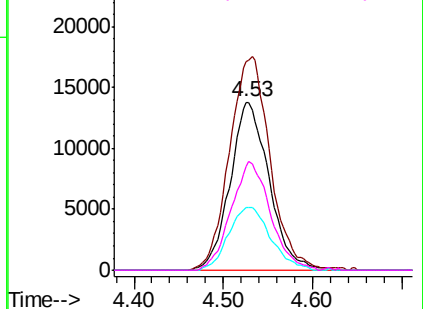
#20
Methylene Chloride
Concen: 7.343 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058577.D
Acq: 7 Oct 2019 19:21

Instrument :
MSVOA_N
ClientSampled :
PB123664TB

Tot Ion: 84 Resp: 41876
Ion Ratio Lower Upper
84 100
49 124.2 107.9 161.9
51 37.2 32.8 49.2
86 61.6 51.5 77.3

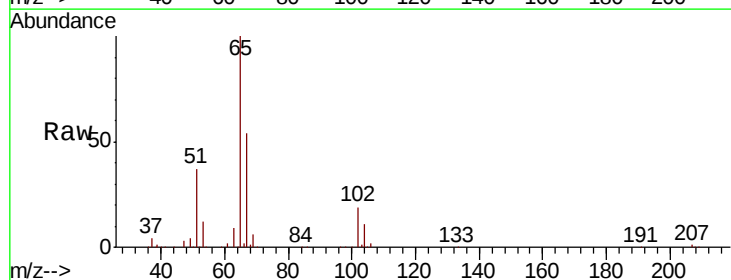


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

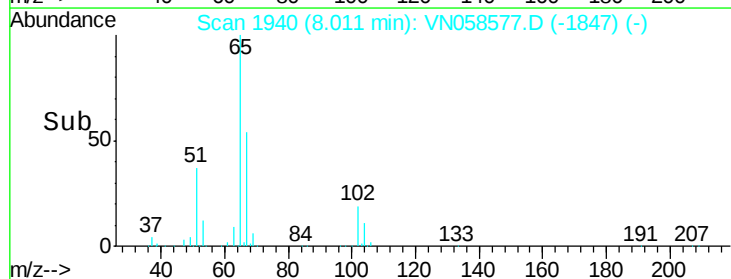
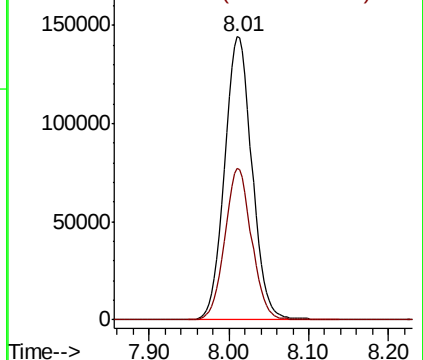


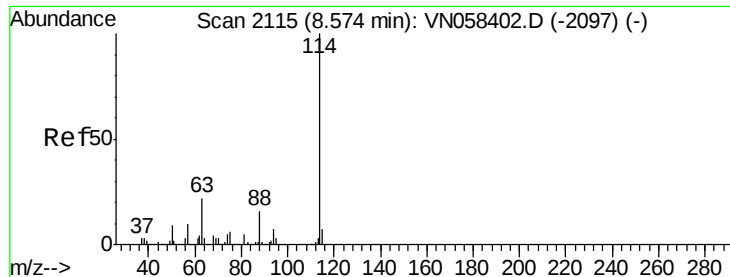
#33
1,2-Dichloroethane-d4
Concen: 46.723 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058577.D
Acq: 7 Oct 2019 19:21

Tgt Ion: 65 Resp: 338707
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

PB123664TB

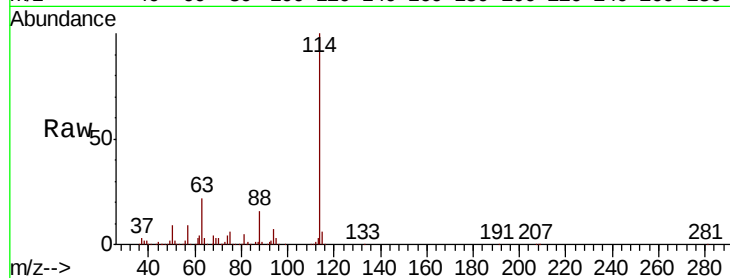
Tot Ion:114 Resp: 789527

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

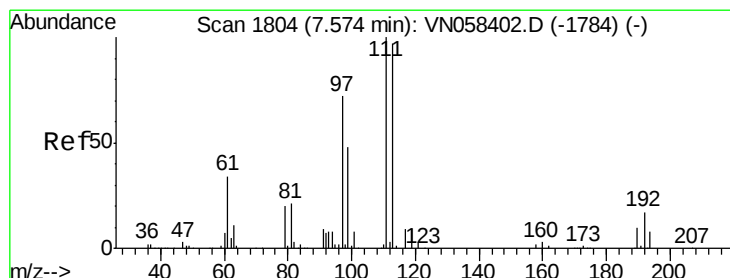
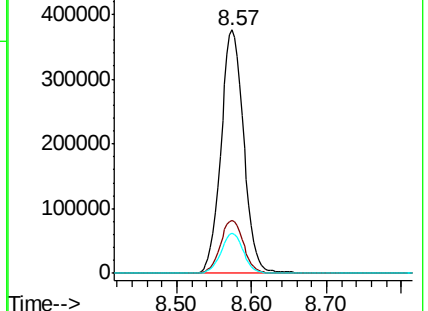
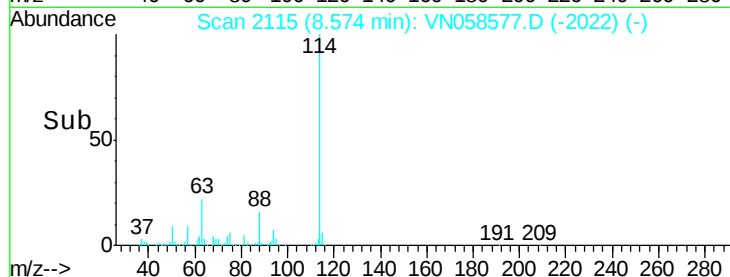
88 16.3 0.0 32.2



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: 49.988 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

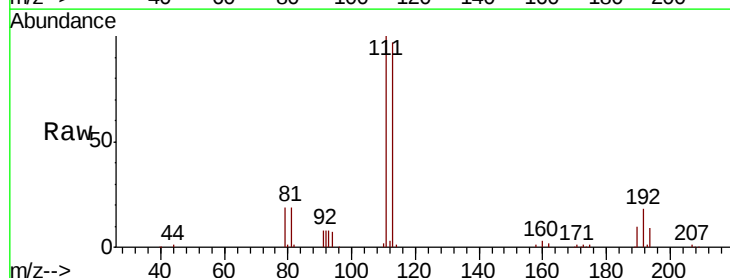
Tgt Ion:113 Resp: 241889

Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

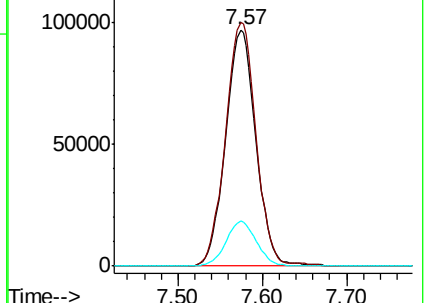
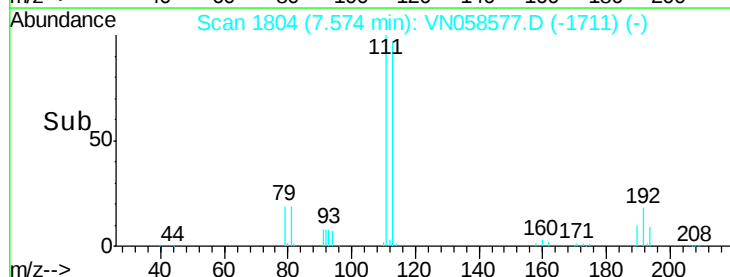
192 19.1 14.9 22.3

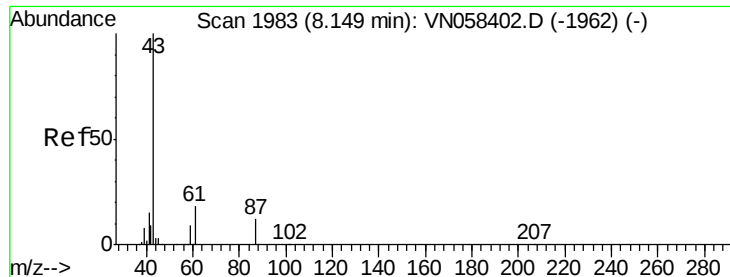


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.965 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

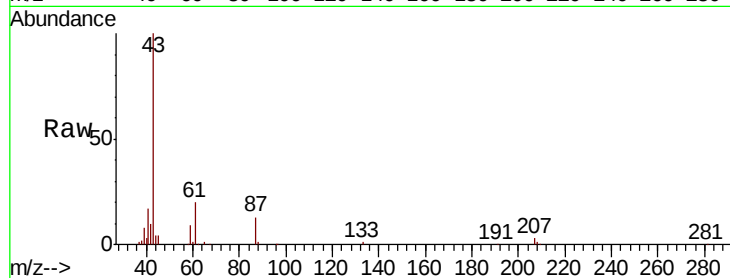
MSVOA_N

ClientSampleId :

PB123664TB

Tot Ion: 43 Resp: 107910

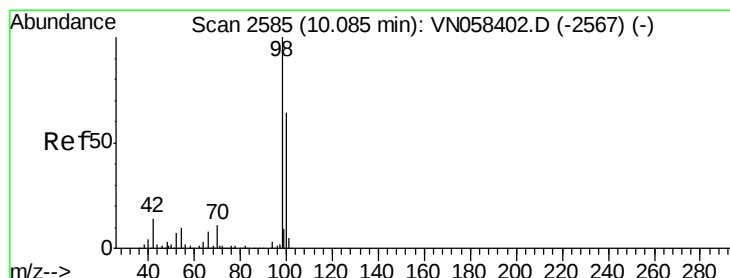
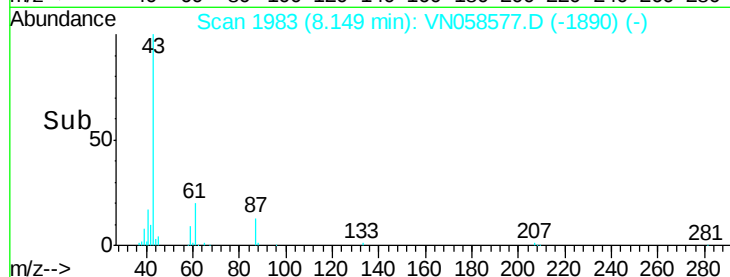
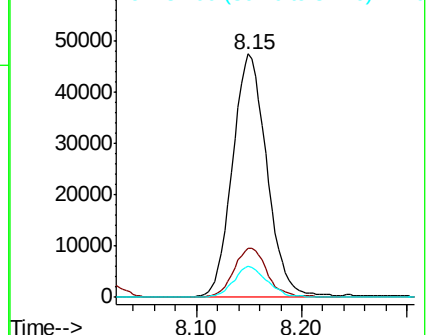
Ion	Ratio	Lower	Upper
43	100		
61	19.8	14.8	22.2
87	12.2	9.7	14.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.037 ug/l

RT: 10.08 min Scan# 2585

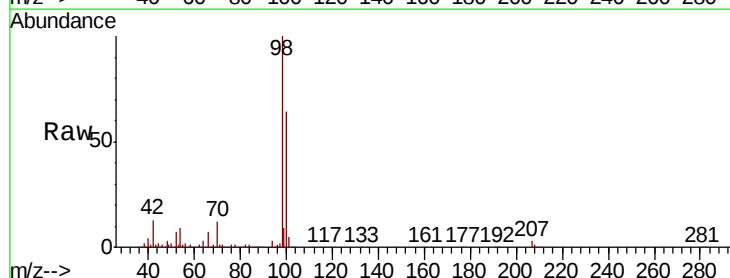
Delta R.T. 0.00 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

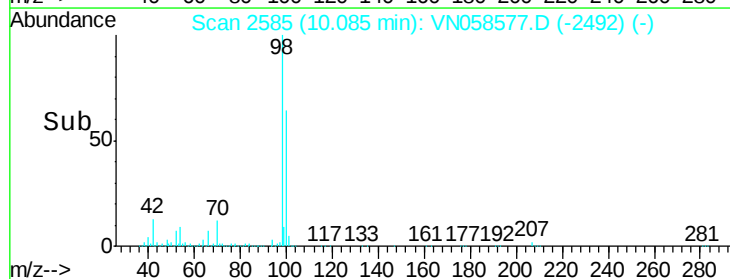
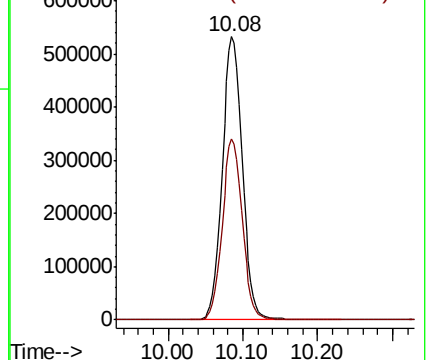
Tgt Ion: 98 Resp: 986411

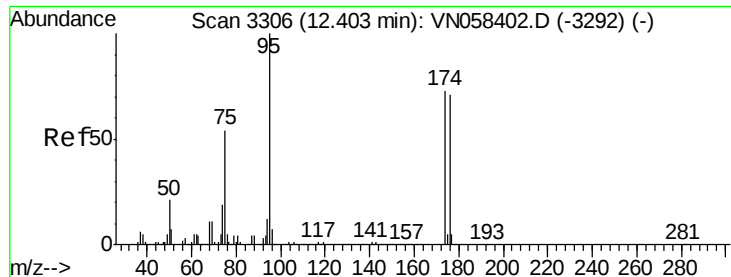
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.0	76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

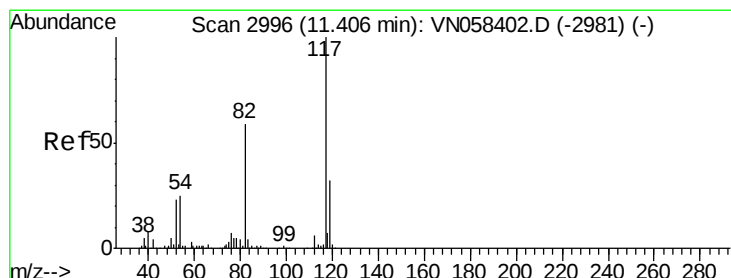
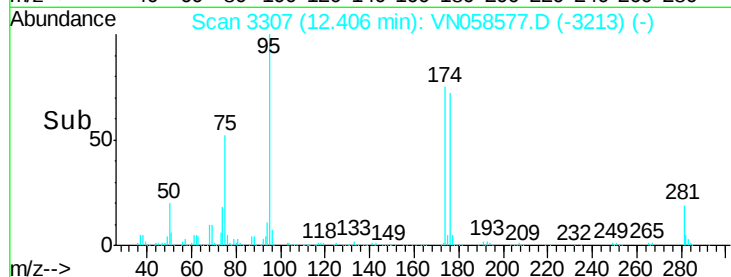
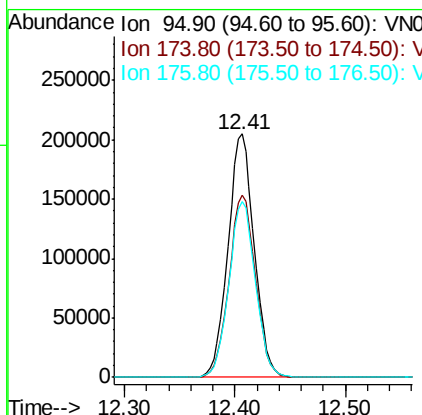
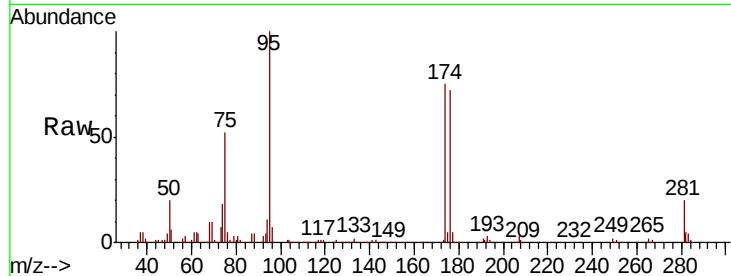




#62
4-Bromofluorobenzene
Concen: 49.311 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058577.D
Acq: 7 Oct 2019 19:21

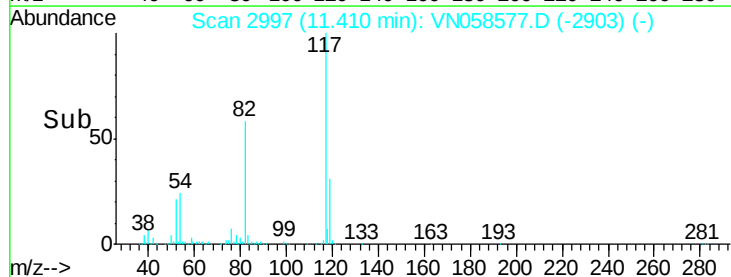
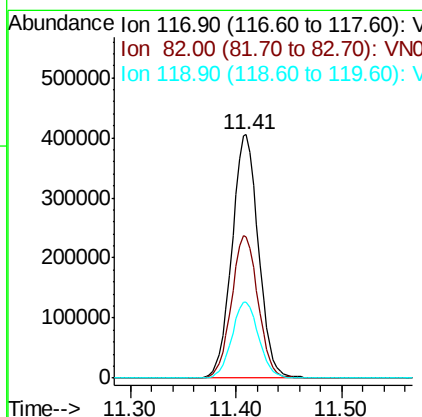
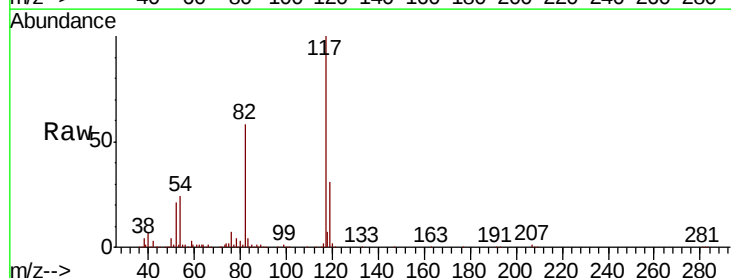
Instrument :
MSVOA_N
ClientSampled :
PB123664TB

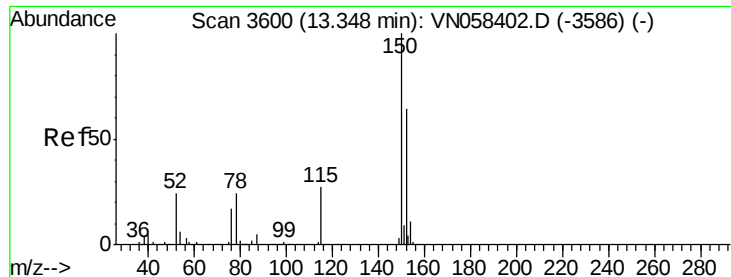
Tot Ion: 95 Resp: 337988
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.6
176 73.2 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058577.D
Acq: 7 Oct 2019 19:21

Tgt Ion: 117 Resp: 703419
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.0
119 31.4 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: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

PB123664TB

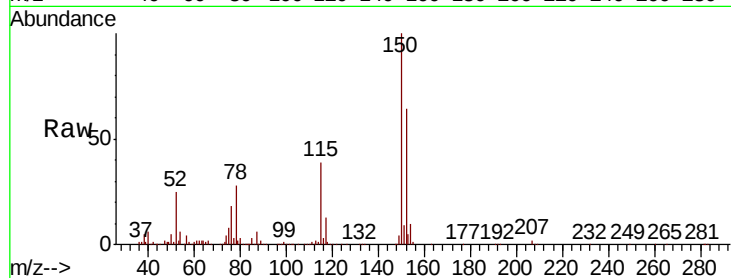
Tot Ion:152 Resp: 293364

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 156.3 0.0 348.2



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

