

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058460.D
 Acq On : 1 Oct 2019 13:18
 Operator : JC/SP
 Sample : PB123500TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123500TB

Quant Time: Oct 02 06:58:19 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

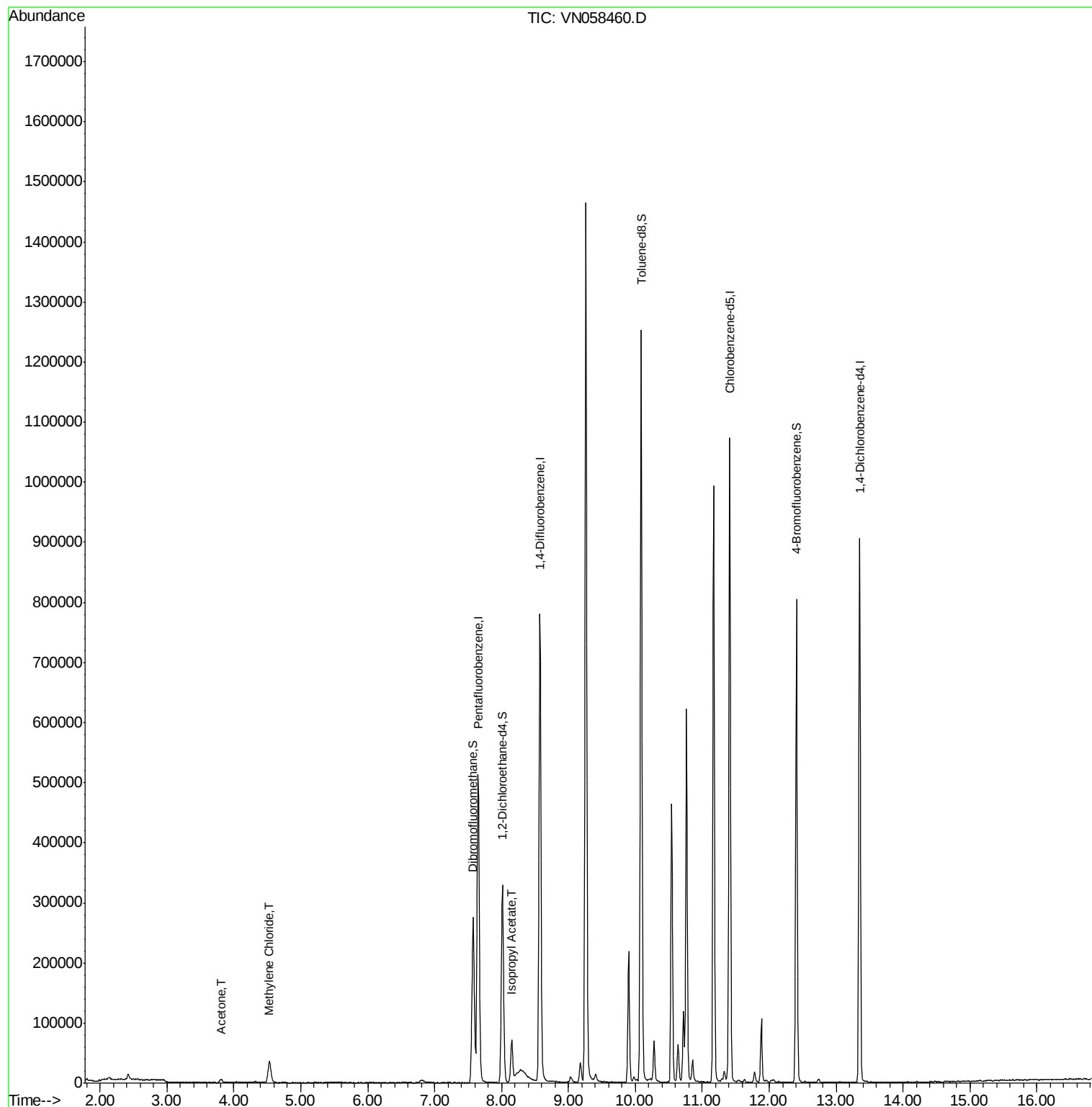
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	403592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	664187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	587685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	230219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	294744	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	7.58	113	207184	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
50) Toluene-d8	10.09	98	835803	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.41	95	271571	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
Target Compounds						
16) Acetone	3.80	43	10776	5.360	ug/l	95
20) Methylene Chloride	4.53	84	25790	5.559	ug/l	97
43) Isopropyl Acetate	8.15	43	84740	8.369	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100119\
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Quant Time: Oct 02 06:58:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 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: VN058460.D

Acq: 1 Oct 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

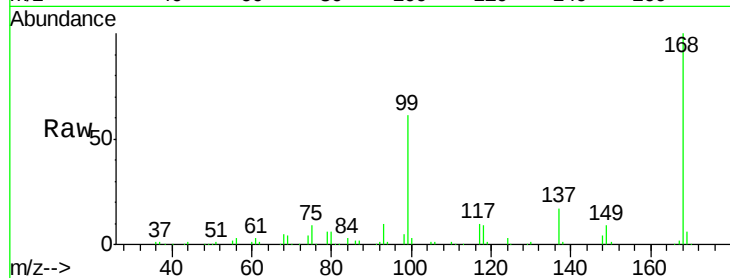
PB123500TB

Tot Ion:168 Resp: 403592

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

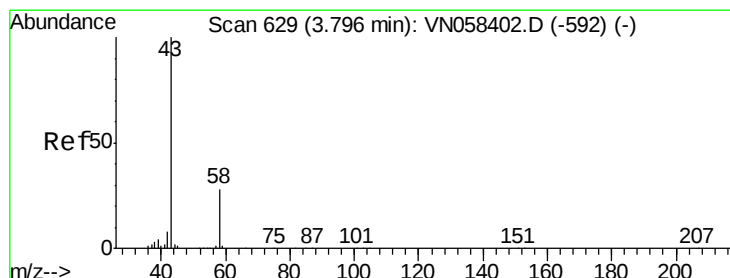
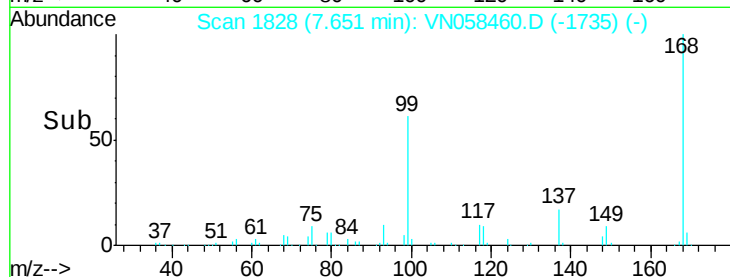
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.360 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058460.D

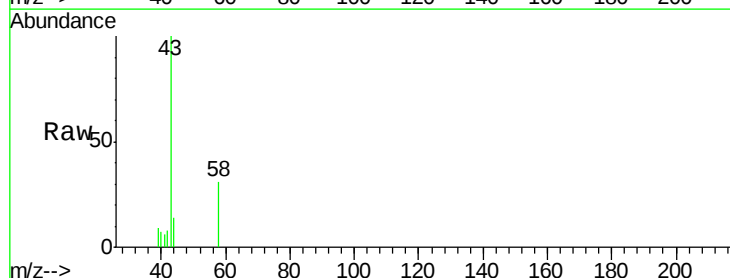
Acq: 1 Oct 2019 13:18

Tgt Ion: 43 Resp: 10776

Ion Ratio Lower Upper

43 100

58 30.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

4000

3000

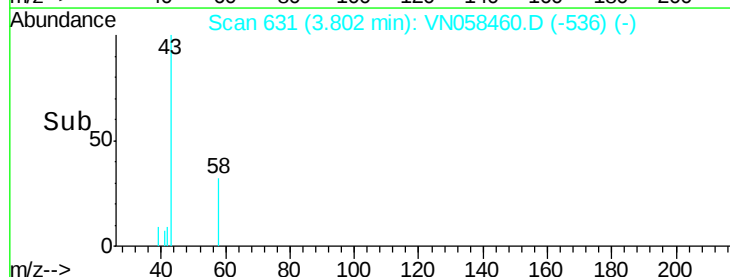
2000

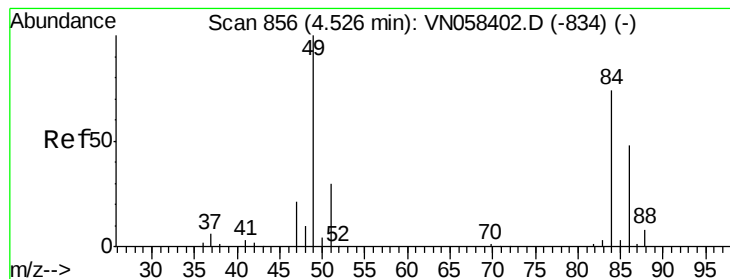
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methvlene Chloride

Concen: 5.559 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058460.D

Acq: 1 Oct 2019 13:18

Instrument :

MSVOA_N

ClientSampled :

PB123500TB

Tot Ion: 84 Resp: 25790

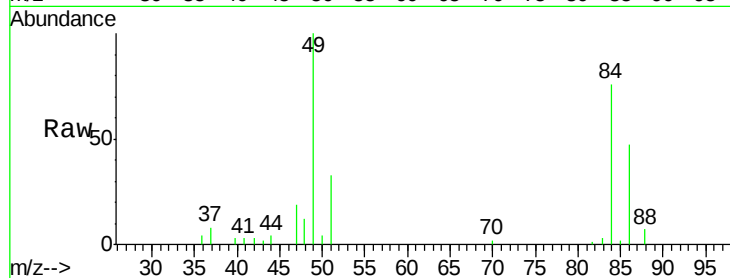
Ion Ratio Lower Upper

84 100

49 131.7 107.9 161.9

51 43.0 32.8 49.2

86 61.5 51.5 77.3

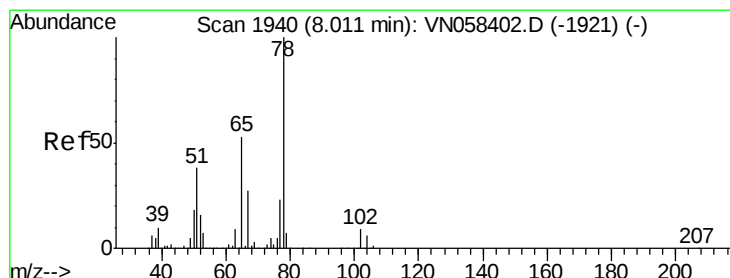
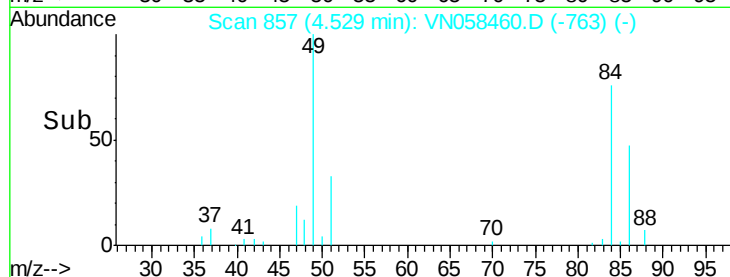
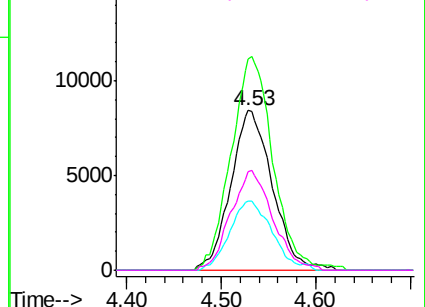


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 49.975 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058460.D

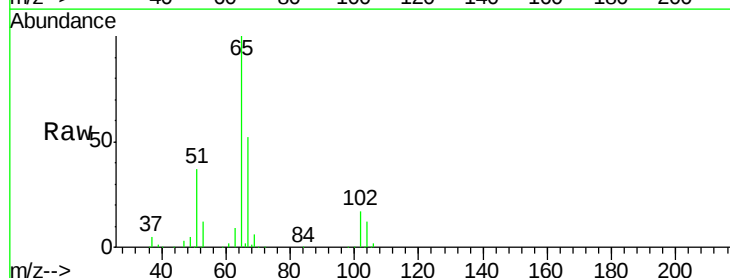
Acq: 1 Oct 2019 13:18

Tgt Ion: 65 Resp: 294744

Ion Ratio Lower Upper

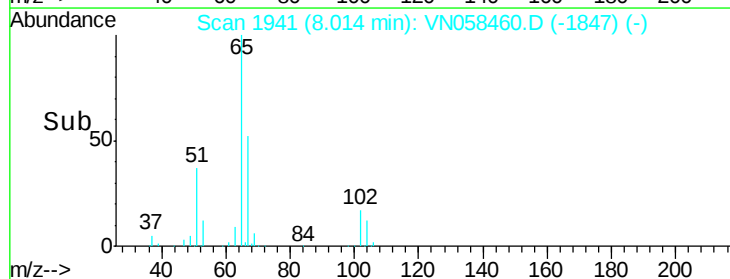
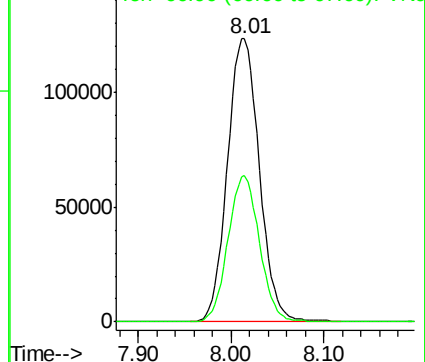
65 100

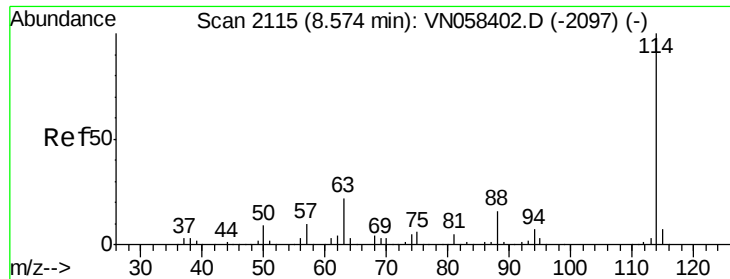
67 50.8 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

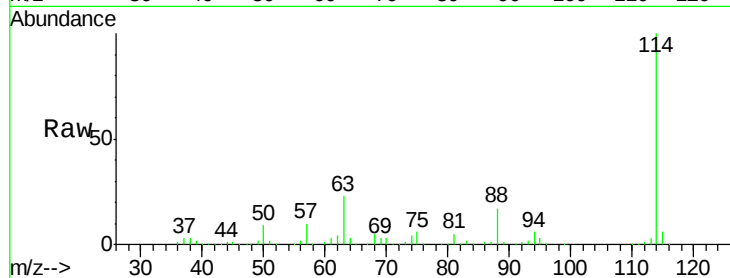




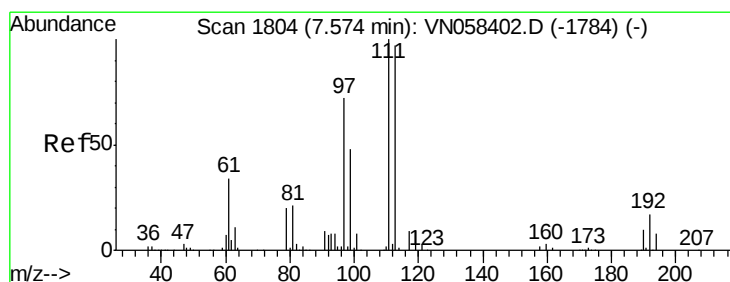
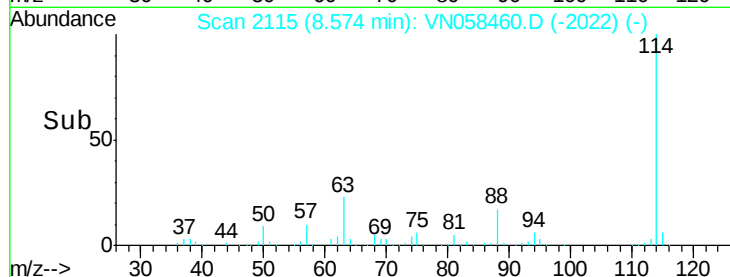
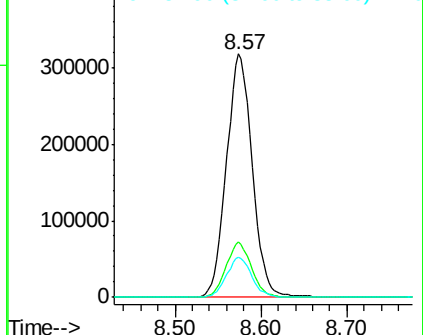
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058460.D
Acq: 1 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
PB123500TB

Tot Ion:114 Resp: 664187
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 16.7 0.0 32.2

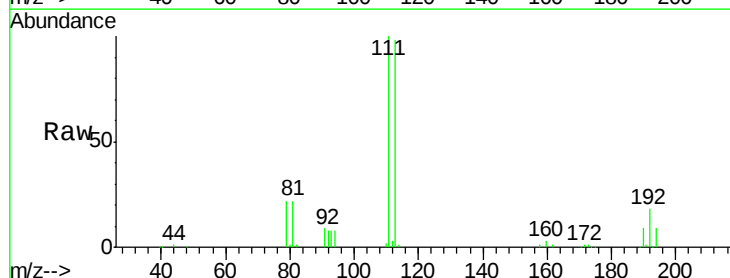


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

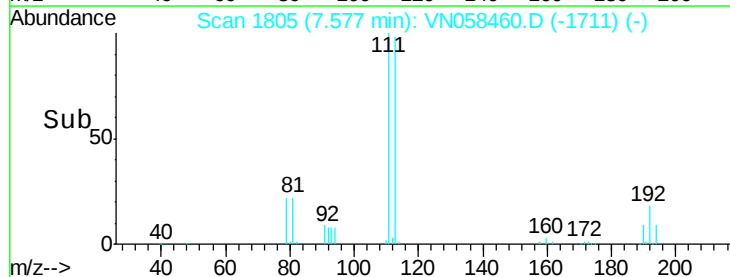
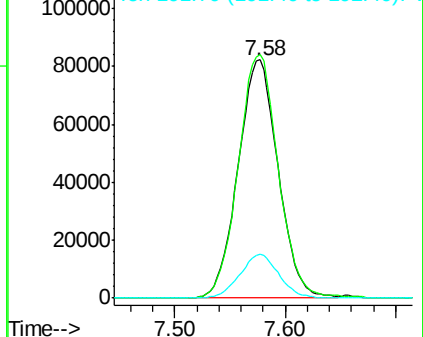


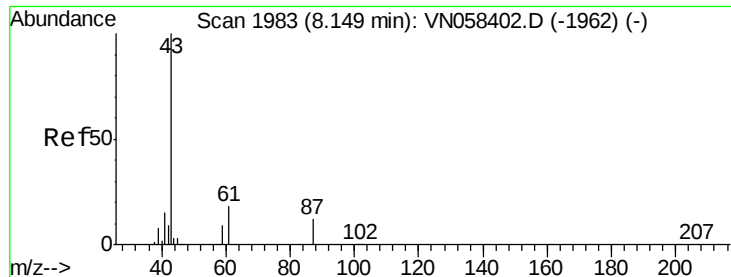
#35
Dibromofluoromethane
Concen: 50.896 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058460.D
Acq: 1 Oct 2019 13:18

Tgt Ion:113 Resp: 207184
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 17.9 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: 8.369 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058460.D

Acq: 1 Oct 2019 13:18

Instrument :

MSVOA_N

ClientSampleID :

PB123500TB

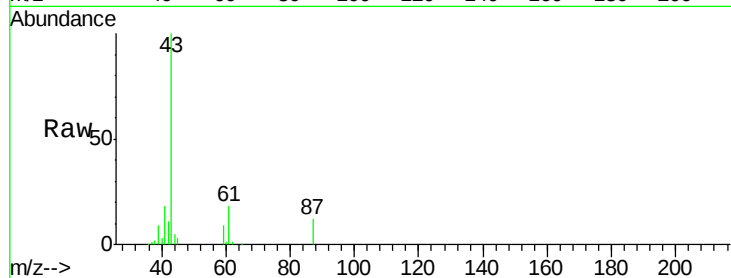
Tot Ion: 43 Resp: 84740

Ion Ratio Lower Upper

43 100

61 18.4 14.8 22.2

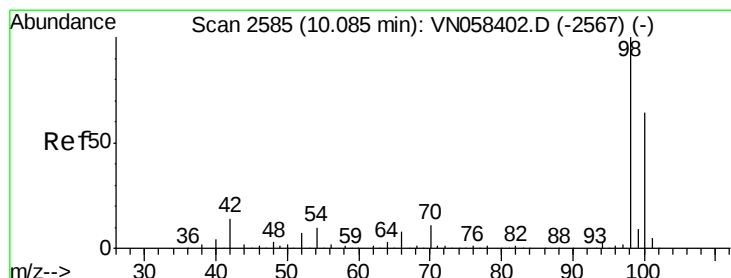
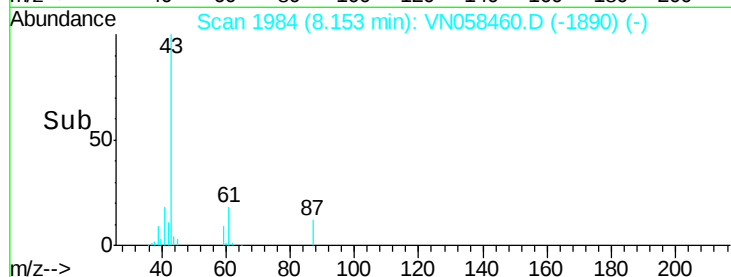
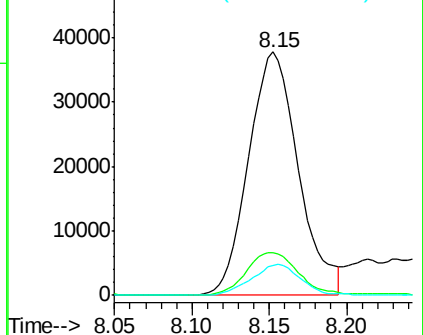
87 12.6 9.7 14.5



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: 52.412 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058460.D

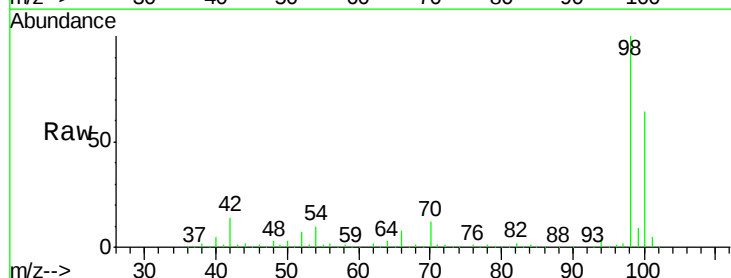
Acq: 1 Oct 2019 13:18

Tgt Ion: 98 Resp: 835803

Ion Ratio Lower Upper

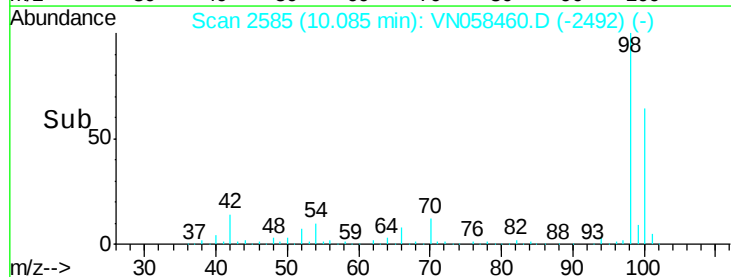
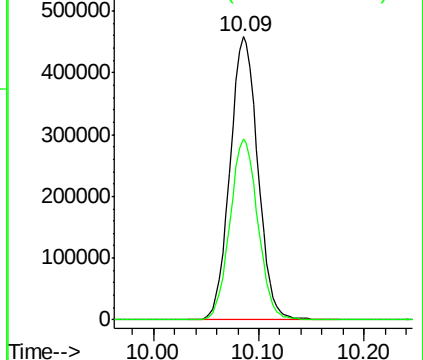
98 100

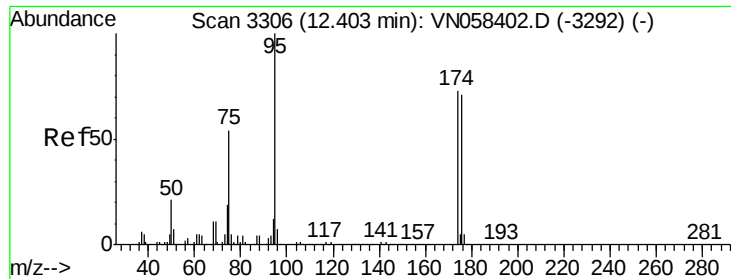
100 64.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

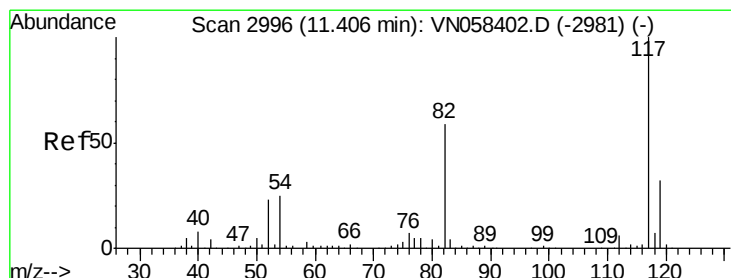
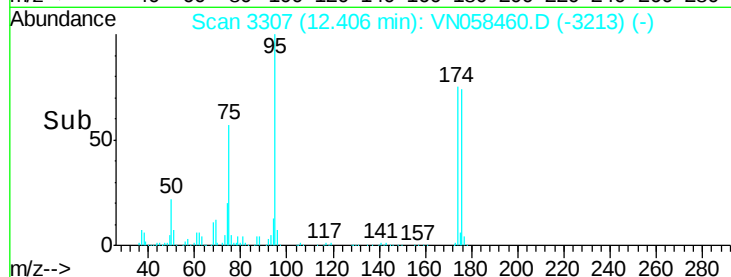
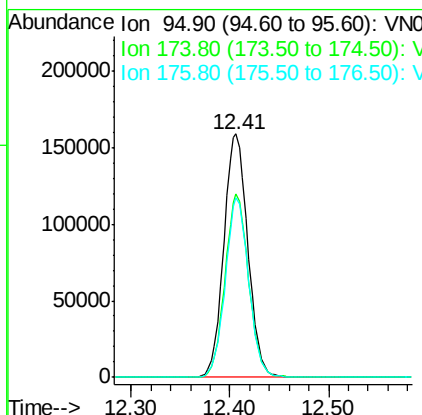
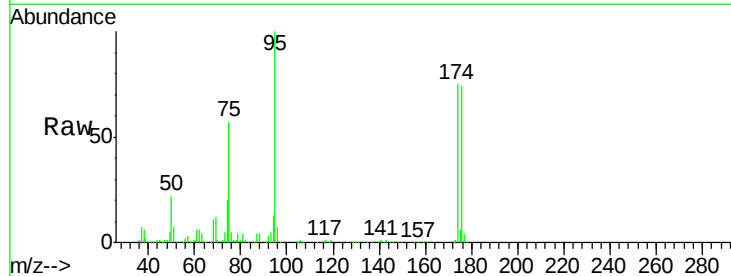




#62
4-Bromofluorobenzene
Concen: 47.098 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058460.D
Acq: 1 Oct 2019 13:18

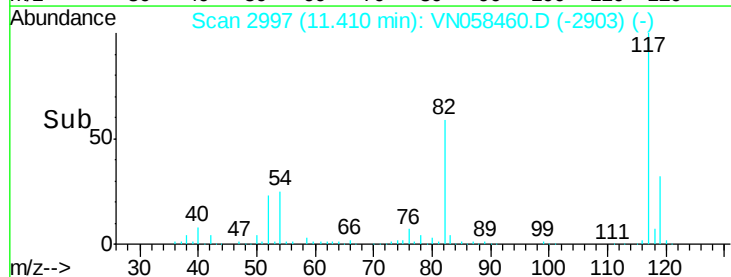
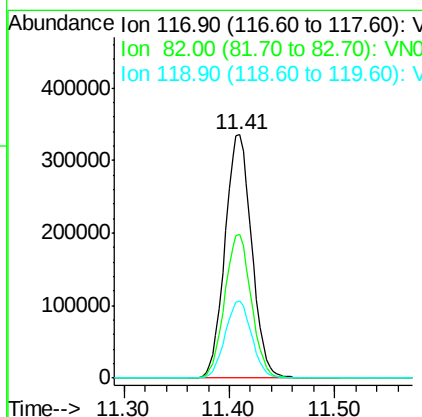
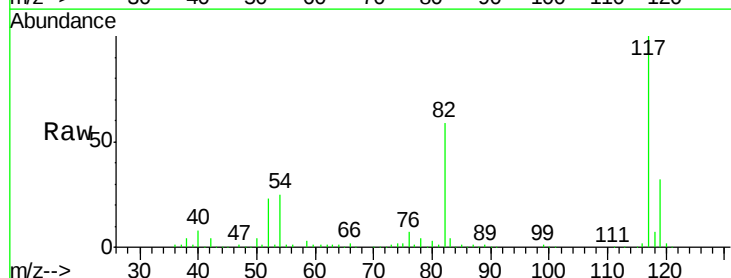
Instrument :
MSVOA_N
ClientSampleId :
PB123500TB

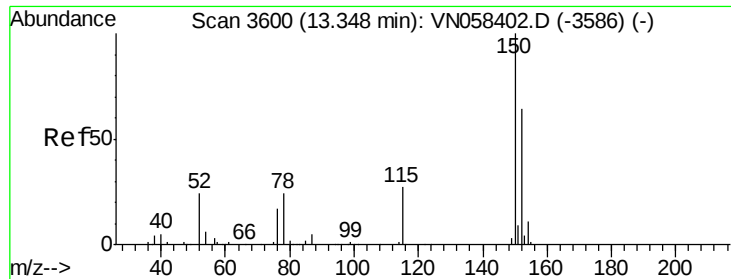
Tot Ion: 95 Resp: 271571
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.6
176 72.0 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058460.D
Acq: 1 Oct 2019 13:18

Tgt Ion: 117 Resp: 587685
Ion Ratio Lower Upper
117 100
82 58.9 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# 3601

Delta R.T. 0.00 min

Lab File: VN058460.D

Acq: 1 Oct 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

PB123500TB

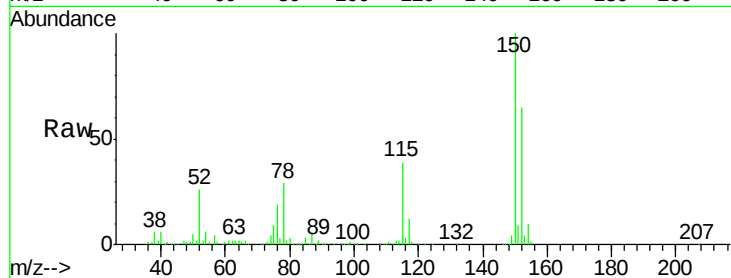
Tot Ion:152 Resp: 230219

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 155.0 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

