

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058517.D
 Acq On : 3 Oct 2019 17:56
 Operator : JC/SP
 Sample : PB123587TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123587TB

Quant Time: Oct 04 04:59:01 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

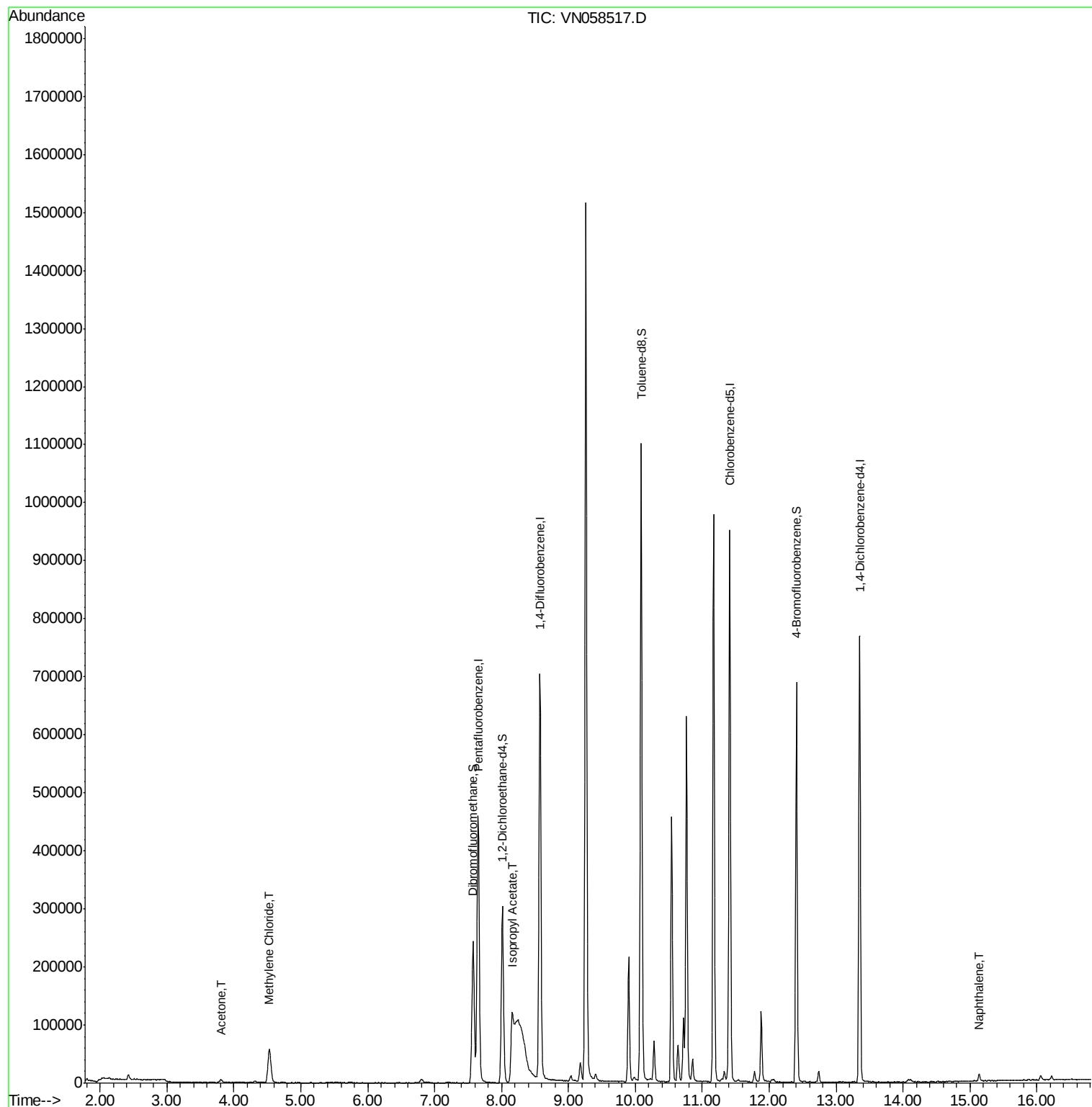
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	351893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	601301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	192204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	261183	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
35) Dibromofluoromethane	7.57	113	181315	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	10.09	98	750257	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.41	95	233781	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
Target Compounds						
16) Acetone	3.80	43	8993	5.130	ug/l	100
20) Methylene Chloride	4.54	84	41966	10.374	ug/l	98
43) Isopropyl Acetate	8.16	43	173910	18.972	ug/l #	83
95) Naphthalene	15.14	128	9914	1.027	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100319\
Data File : VN058517.D
Acq On : 3 Oct 2019 17:56
Operator : JC/SP
Sample : PB123587TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB123587TB

Quant Time: Oct 04 04:59:01 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: VN058517.D

Acq: 3 Oct 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

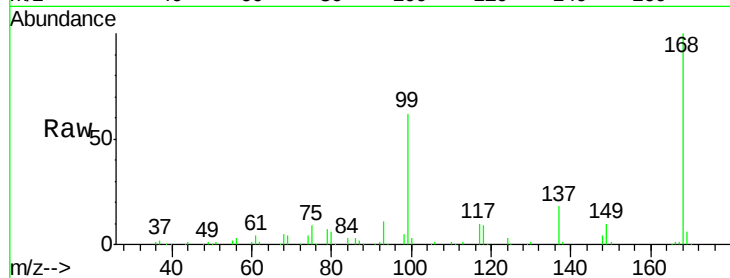
PB123587TB

Tot Ion:168 Resp: 351893

Ion Ratio Lower Upper

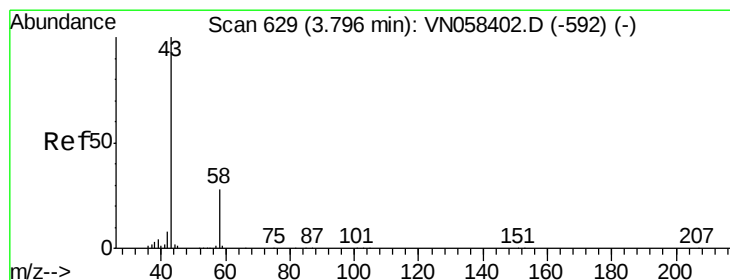
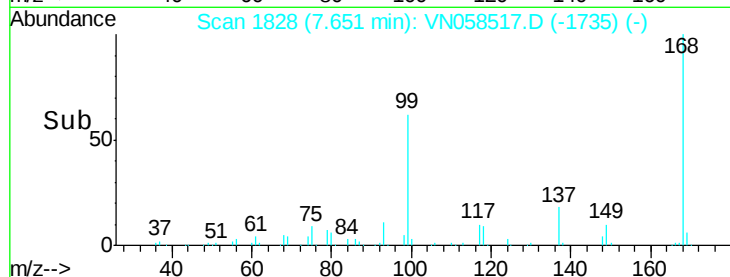
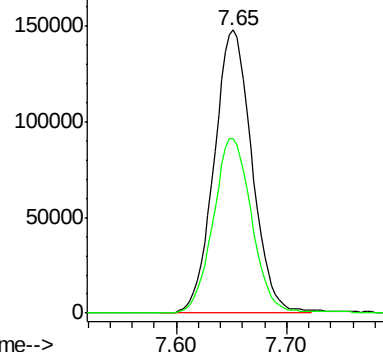
168 100

99 61.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.130 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058517.D

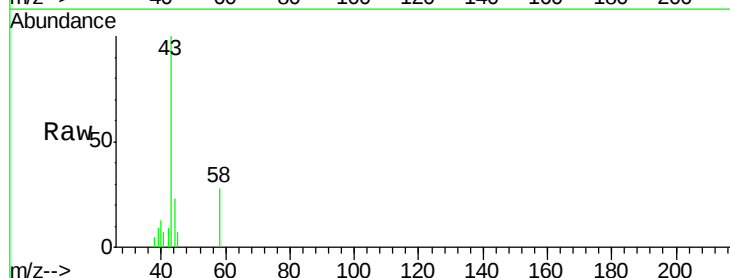
Acq: 3 Oct 2019 17:56

Tgt Ion: 43 Resp: 8993

Ion Ratio Lower Upper

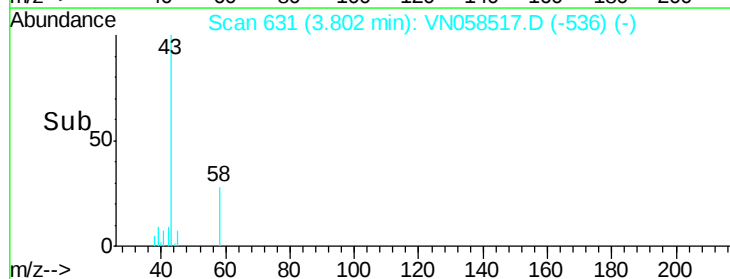
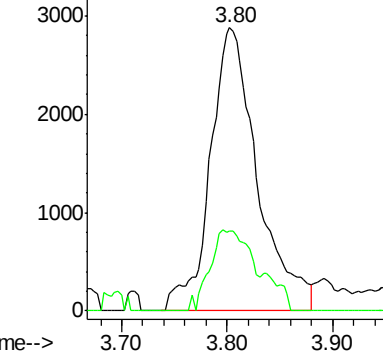
43 100

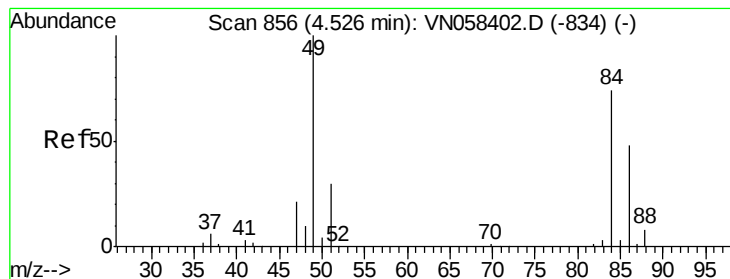
58 28.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 10.374 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.01 min

Lab File: VN058517.D

Acq: 3 Oct 2019 17:56

Instrument :

MSVOA_N

ClientSampled :

PB123587TB

Tot Ion: 84 Resp: 41966

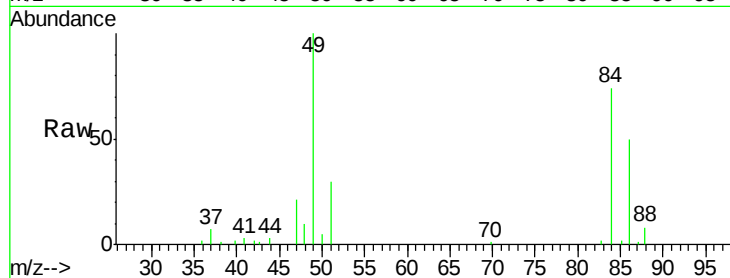
Ion Ratio Lower Upper

84 100

49 135.5 107.9 161.9

51 40.5 32.8 49.2

86 68.1 51.5 77.3

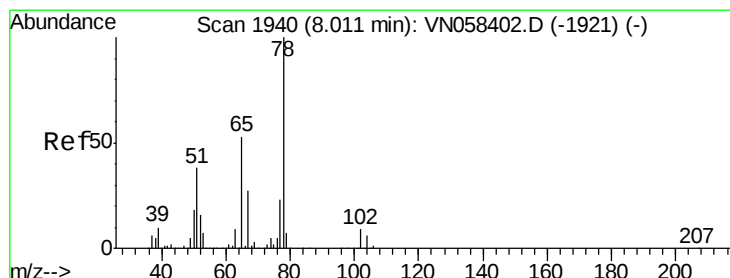
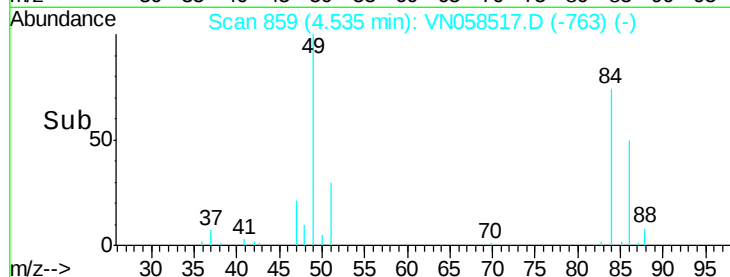
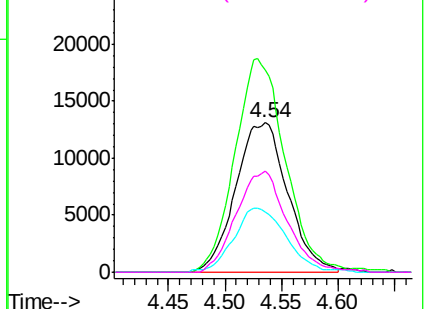


Abundance Ion 83.90 (83.60 to 84.60): VNC

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: 50.791 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058517.D

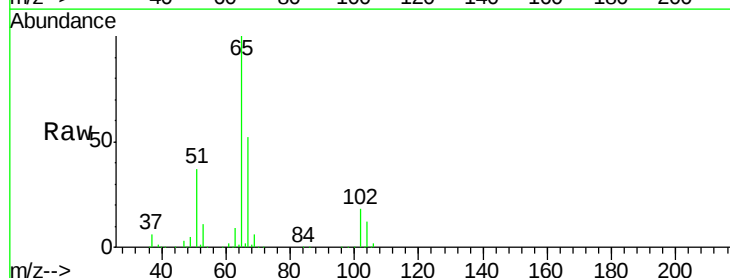
Acq: 3 Oct 2019 17:56

Tgt Ion: 65 Resp: 261183

Ion Ratio Lower Upper

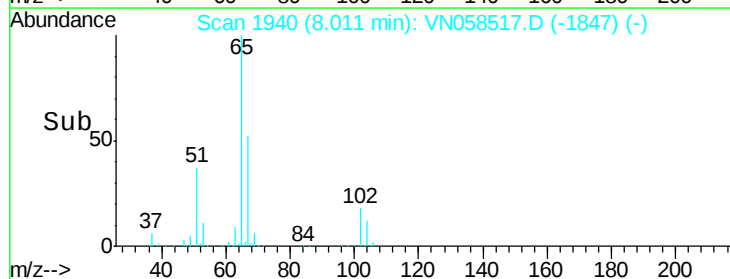
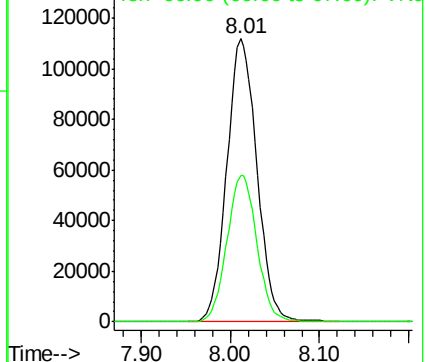
65 100

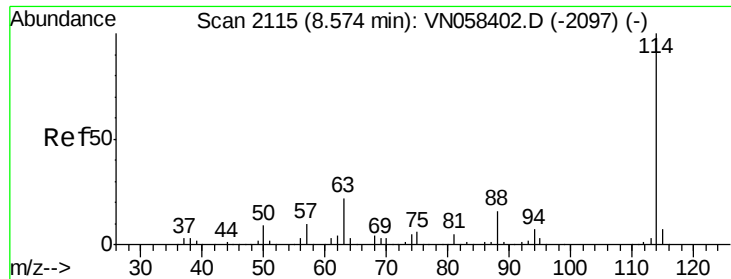
67 51.5 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

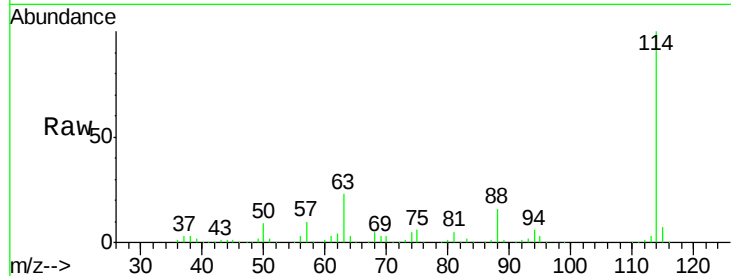




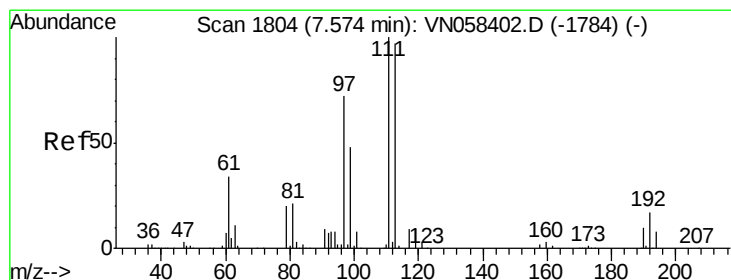
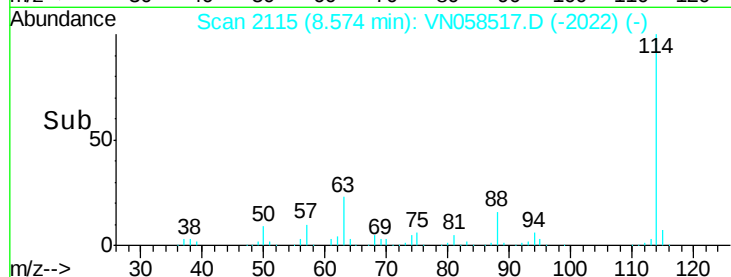
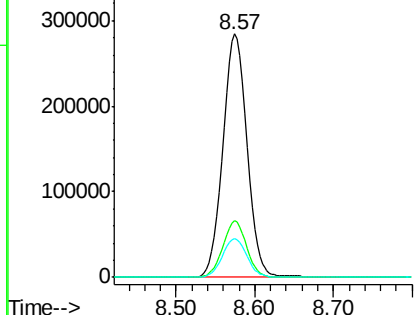
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058517.D
 Acq: 3 Oct 2019 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123587TB

Tot Ion:114 Resp: 601301
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 16.1 0.0 32.2

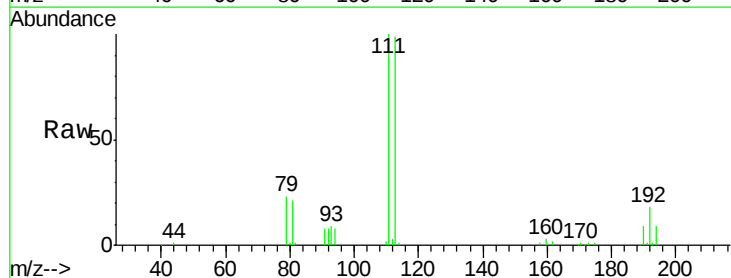


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

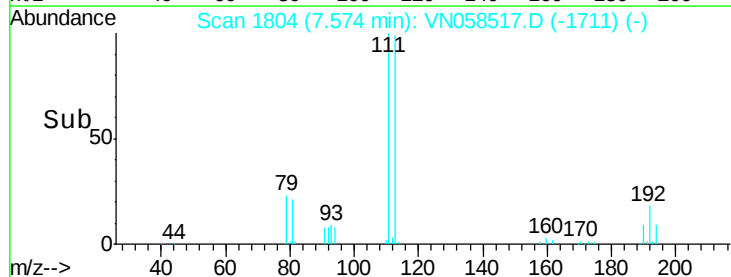
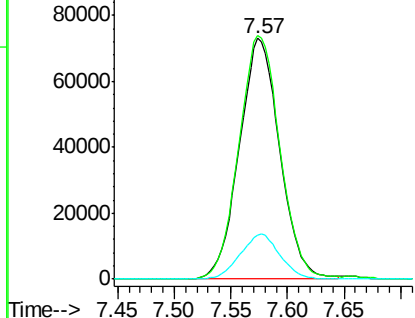


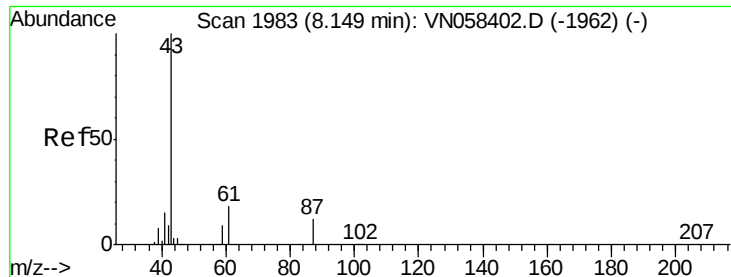
#35
 Dibromofluoromethane
 Concen: 49.199 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058517.D
 Acq: 3 Oct 2019 17:56

Tgt Ion:113 Resp: 181315
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.4 125.2
 192 18.4 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



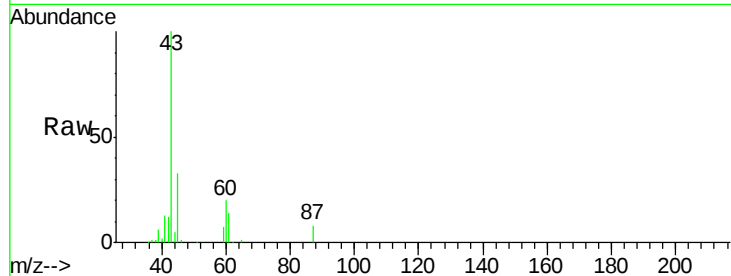


#43

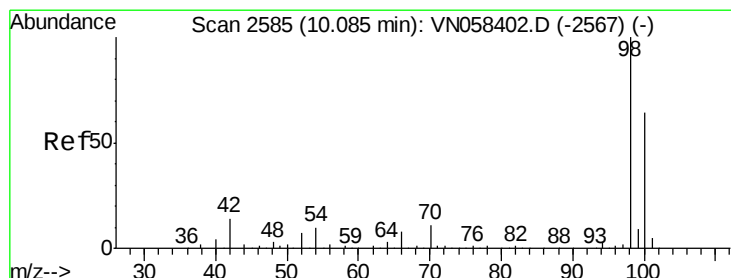
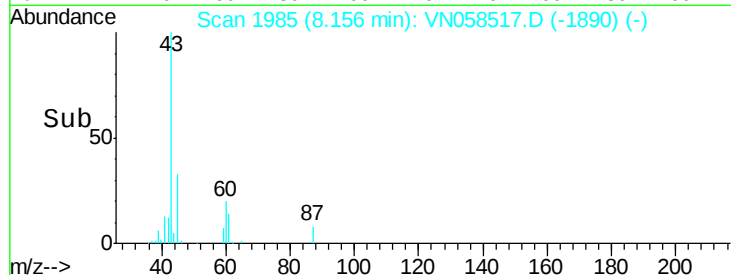
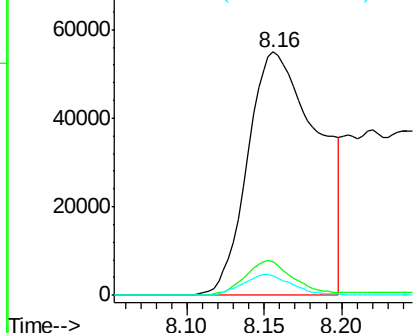
Isopropyl Acetate
 Concen: 18.972 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VN058517.D
 Acq: 3 Oct 2019 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123587TB

Tot Ion: 43 Resp: 173910
 Ion Ratio Lower Upper
 43 100
 61 10.3 14.8 22.2#
 87 5.9 9.7 14.5#



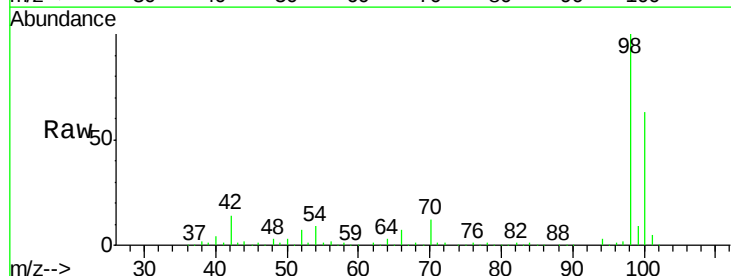
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



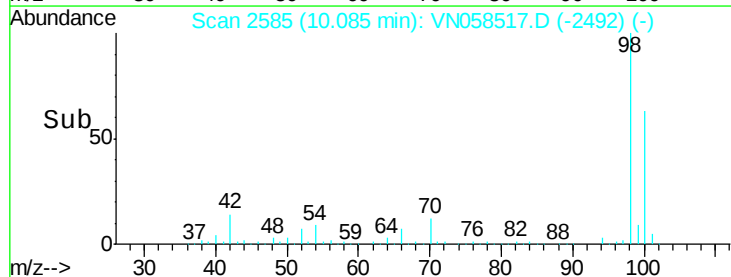
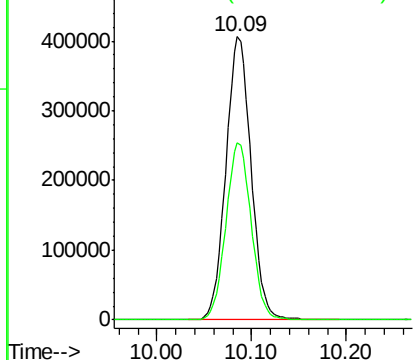
#50

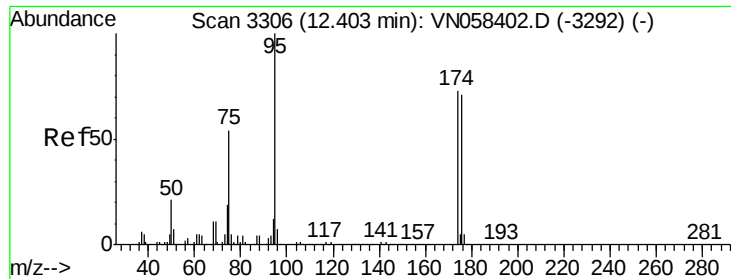
Toluene-d8
 Concen: 51.968 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058517.D
 Acq: 3 Oct 2019 17:56

Tgt Ion: 98 Resp: 750257
 Ion Ratio Lower Upper
 98 100
 100 63.2 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: 44.785 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058517.D

Acq: 3 Oct 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

PB123587TB

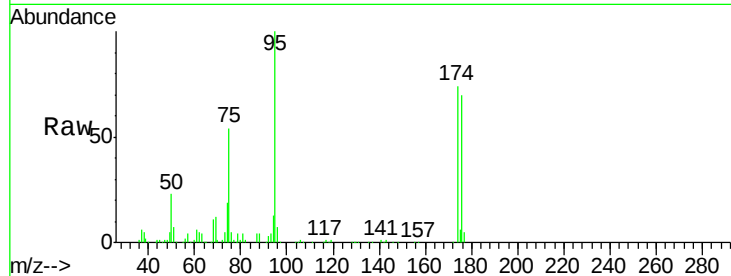
Tot Ion: 95 Resp: 233781

Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.6

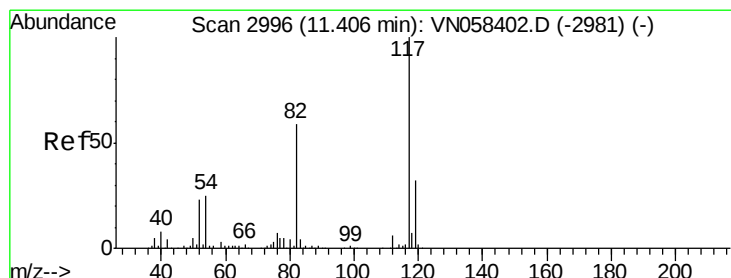
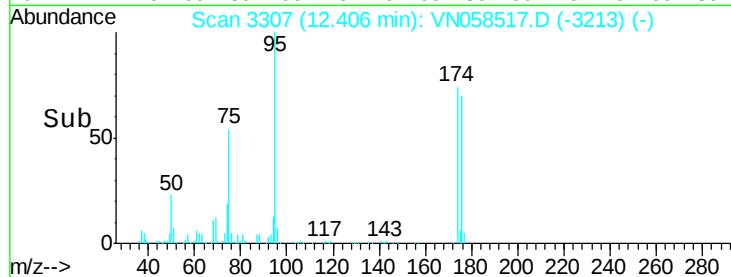
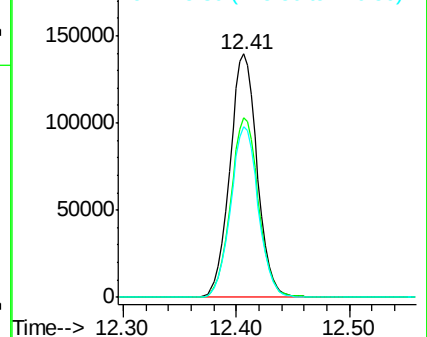
176 71.2 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058517.D

Acq: 3 Oct 2019 17:56

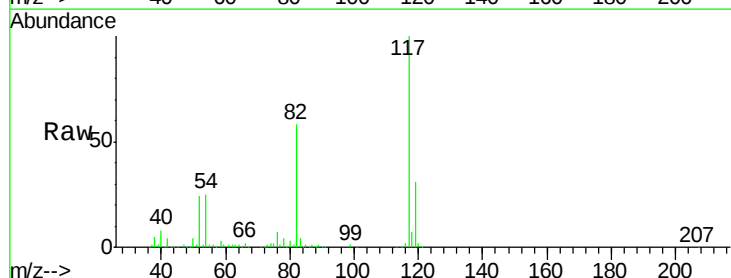
Tgt Ion: 117 Resp: 519353

Ion Ratio Lower Upper

117 100

82 57.9 47.4 71.0

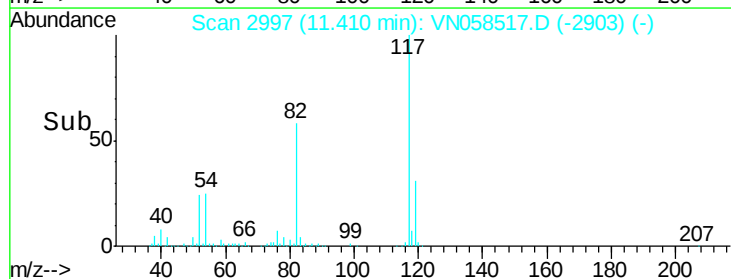
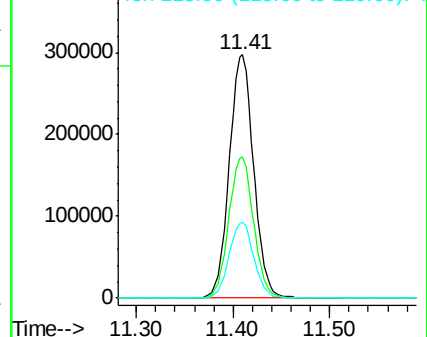
119 31.4 25.5 38.3

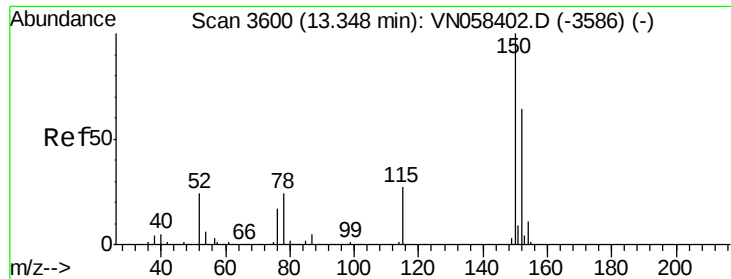


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058517.D

Acq: 3 Oct 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

PB123587TB

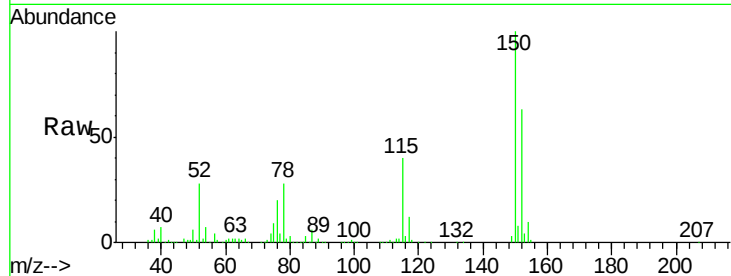
Tot Ion:152 Resp: 192204

Ion Ratio Lower Upper

152 100

115 61.0 30.0 90.0

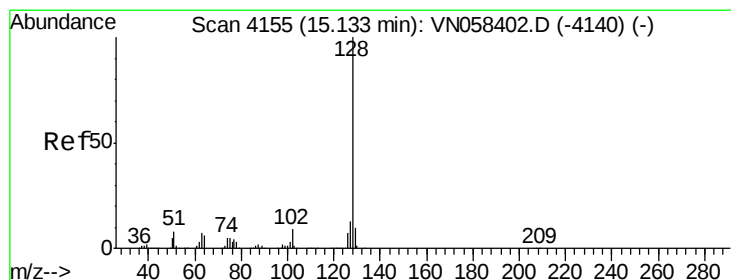
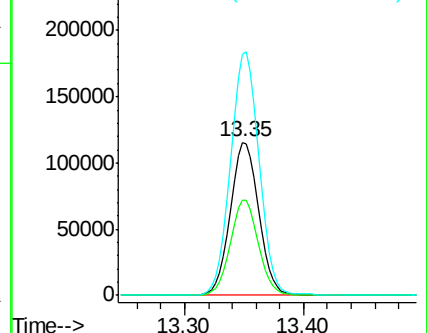
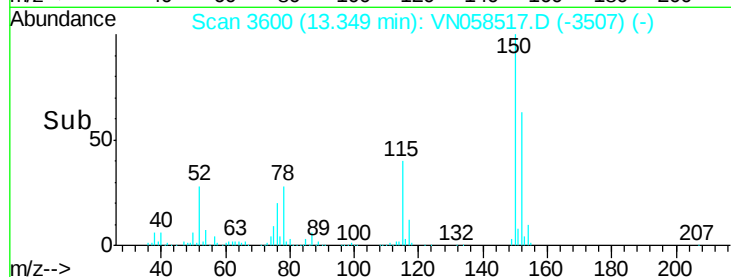
150 159.4 0.0 348.2



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



#95

Naphthalene

Concen: 1.027 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058517.D

Acq: 3 Oct 2019 17:56

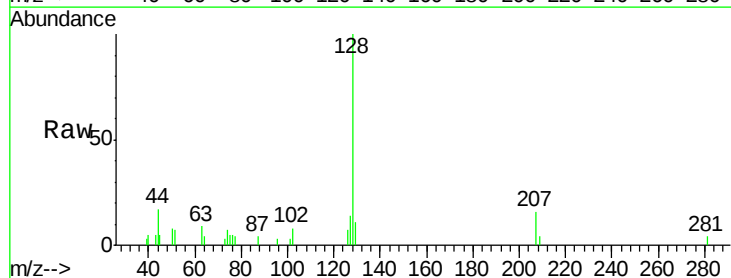
Tgt Ion:128 Resp: 9914

Ion Ratio Lower Upper

128 100

127 14.5 10.2 15.4

129 9.8 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

