

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058424.D
 Acq On : 30 Sep 2019 11:09
 Operator : JC/SP
 Sample : PB123437TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123437TB

Quant Time: Oct 01 02:18:47 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

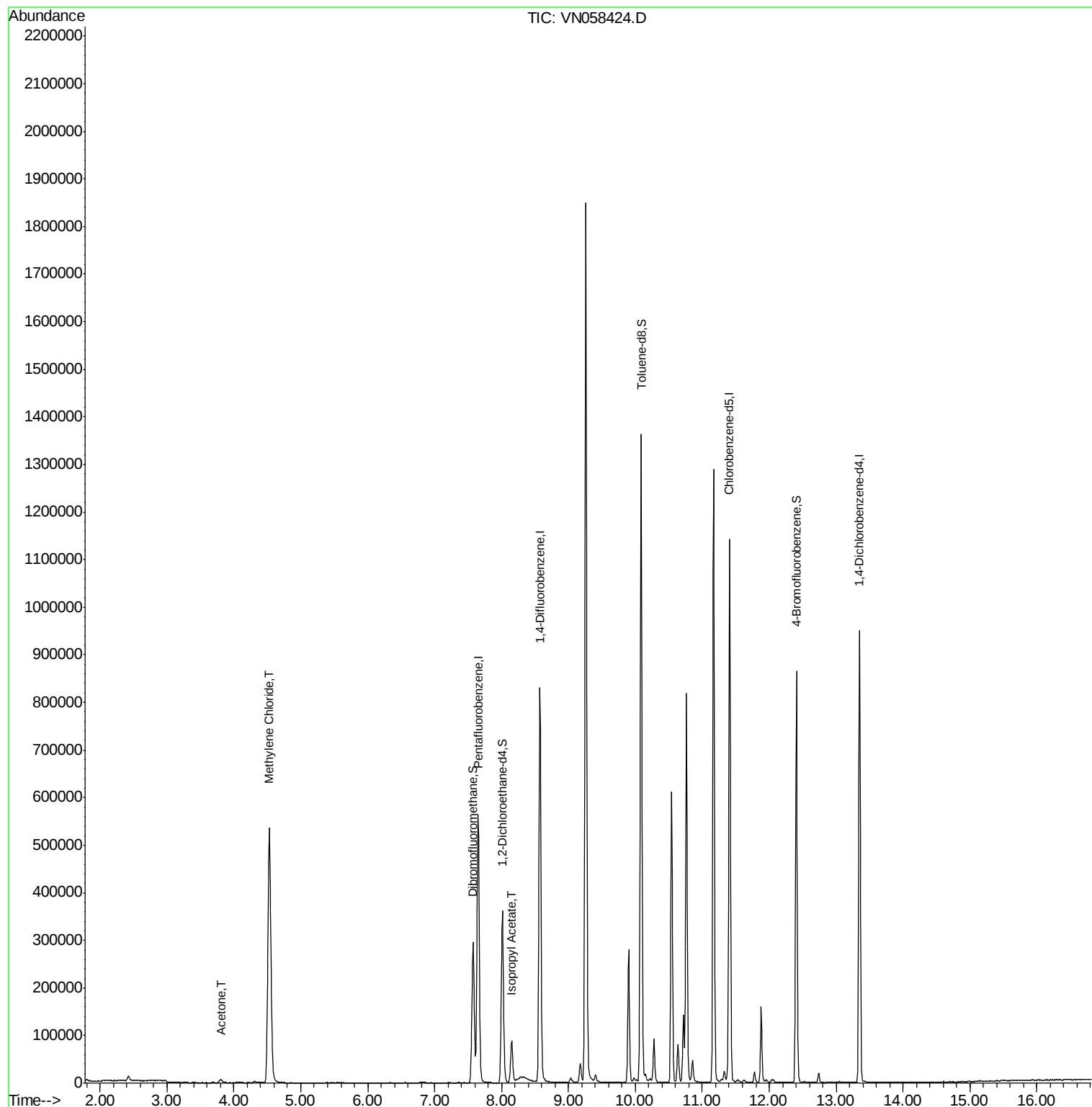
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	441810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	727893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	624581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	315770	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
35) Dibromofluoromethane	7.57	113	222562	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	10.08	98	917516	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.40	95	288644	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
Target Compounds						
16) Acetone	3.80	43	12775	5.804	ug/l	91
20) Methylene Chloride	4.53	84	395564	77.881	ug/l	99
43) Isopropyl Acetate	8.15	43	107691	9.705	ug/l	99

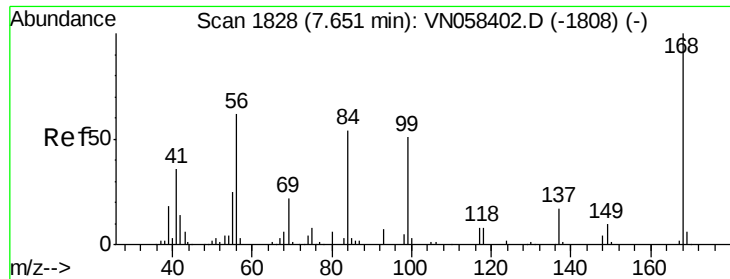
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058424.D

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Instrument :

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ClientSampleId :

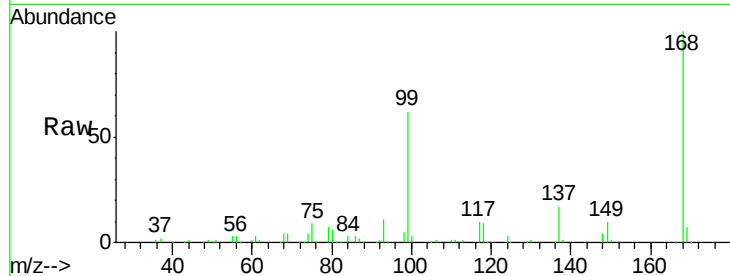
PB123437TB

Tot Ion:168 Resp: 441810

Ion Ratio Lower Upper

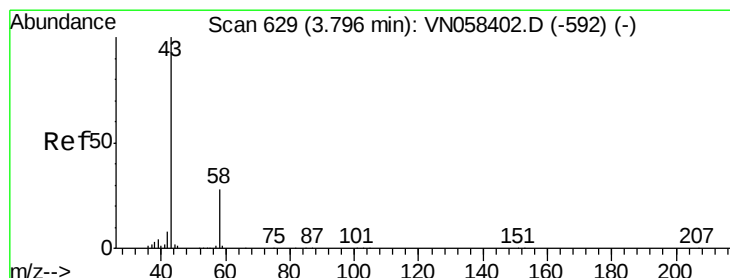
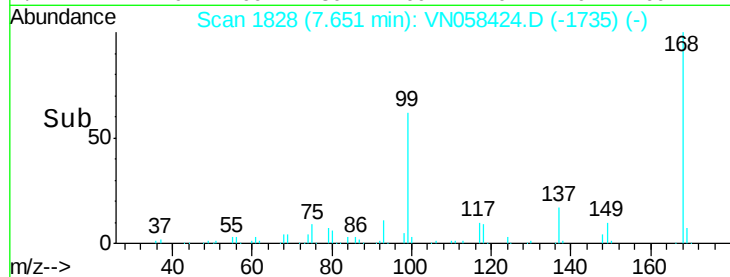
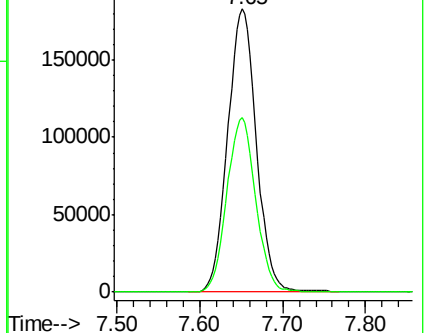
168 100

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: 5.804 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058424.D

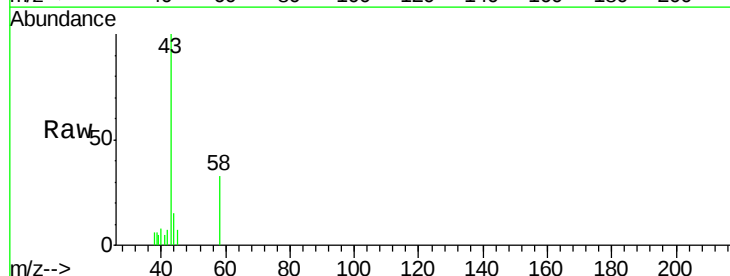
Acq: 30 Sep 2019 11:09

Tgt Ion: 43 Resp: 12775

Ion Ratio Lower Upper

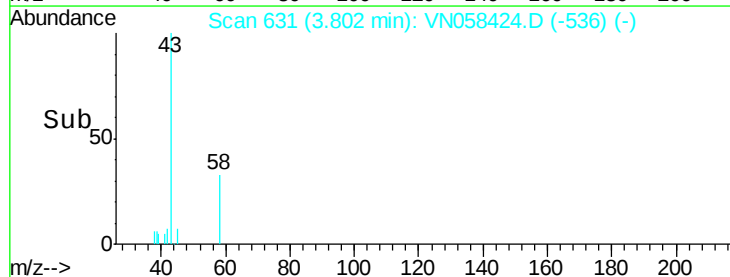
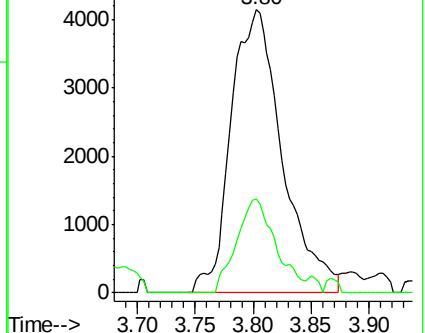
43 100

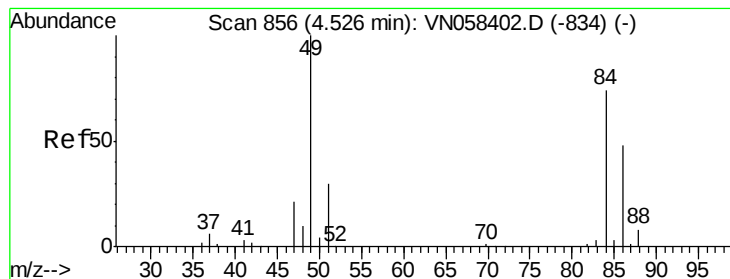
58 33.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 77.881 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058424.D

Acq: 30 Sep 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

PB123437TB

Tot Ion: 84 Resp: 395564

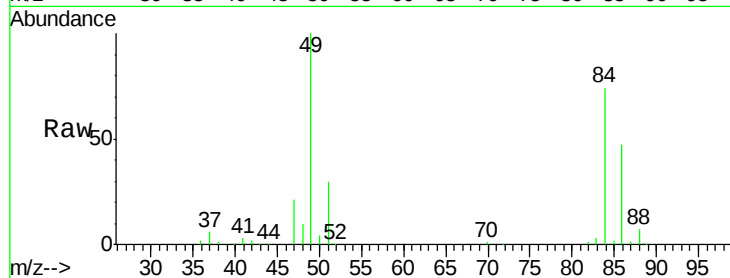
Ion Ratio Lower Upper

84 100

49 134.9 107.9 161.9

51 40.2 32.8 49.2

86 63.3 51.5 77.3

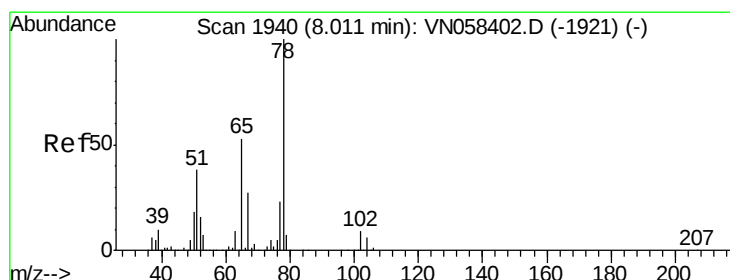
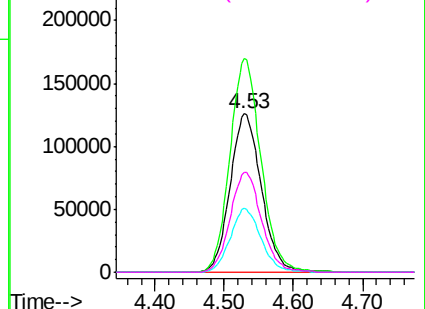
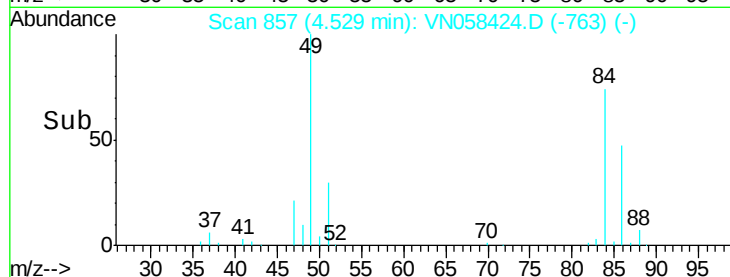


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.909 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058424.D

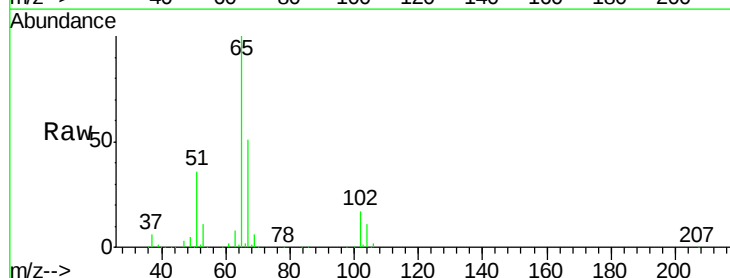
Acq: 30 Sep 2019 11:09

Tgt Ion: 65 Resp: 315770

Ion Ratio Lower Upper

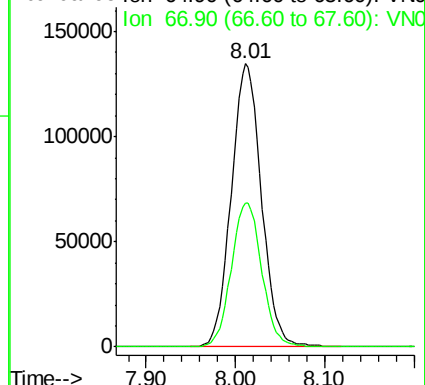
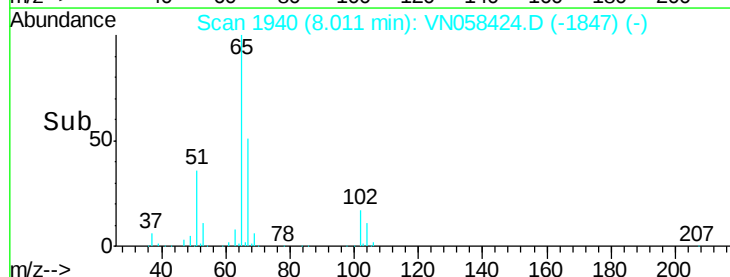
65 100

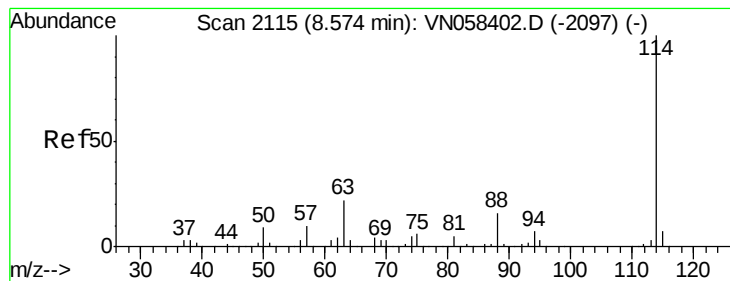
67 51.3 0.0 102.4



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: VN058424.D

Acq: 30 Sep 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

PB123437TB

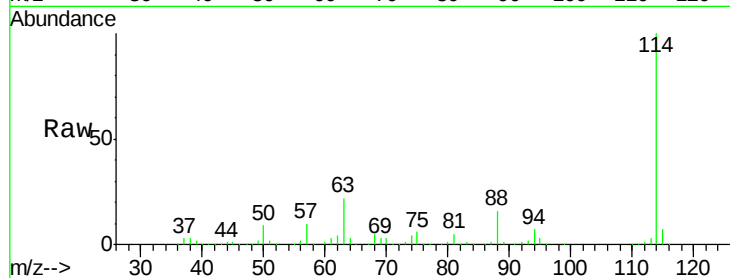
Tot Ion:114 Resp: 727893

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

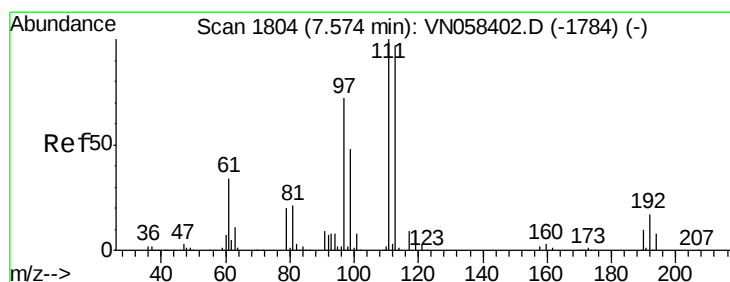
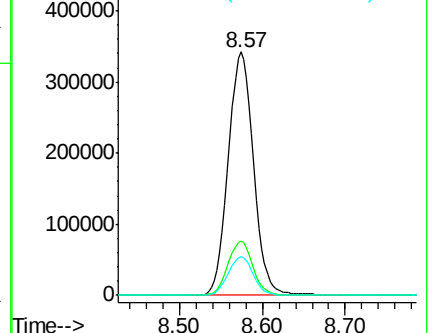
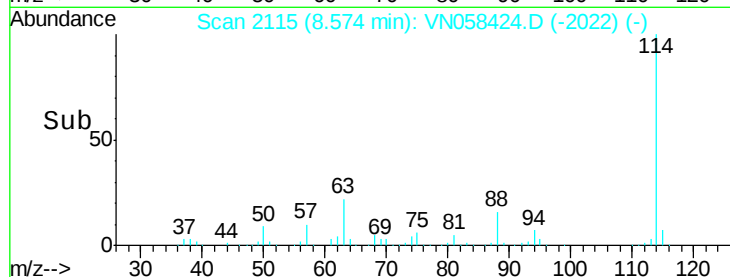
88 15.9 0.0 32.2



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: 49.889 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058424.D

Acq: 30 Sep 2019 11:09

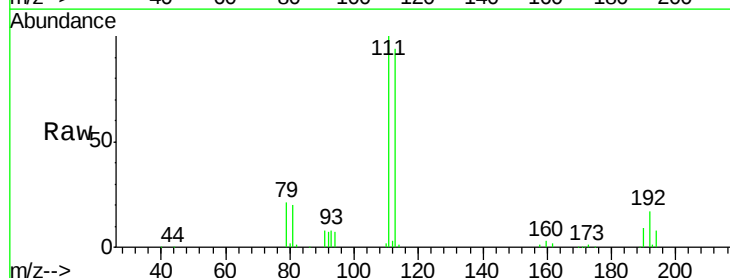
Tgt Ion:113 Resp: 222562

Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

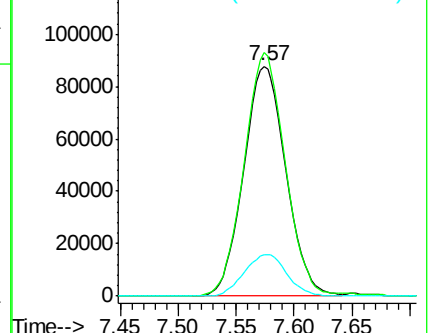
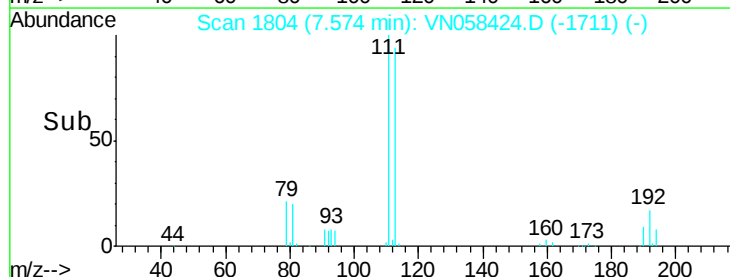
192 18.3 14.9 22.3

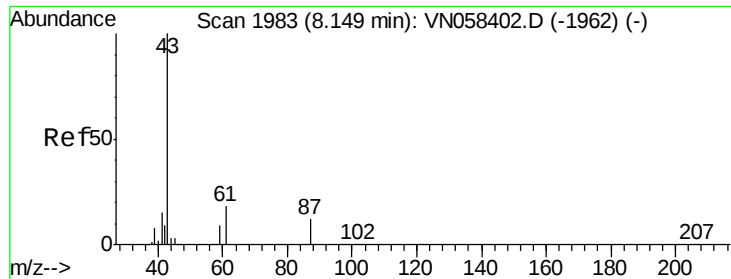


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



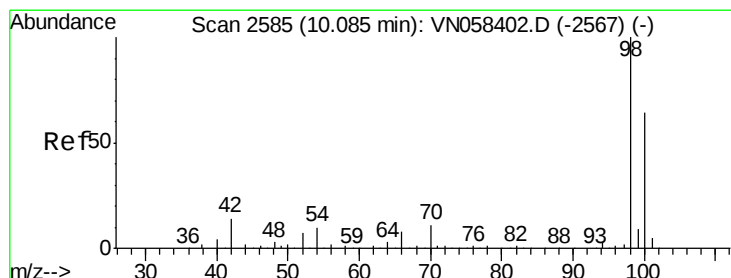
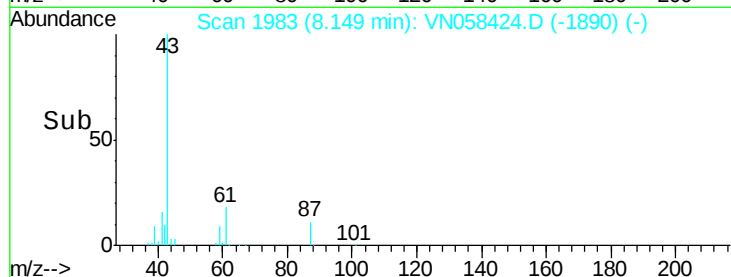
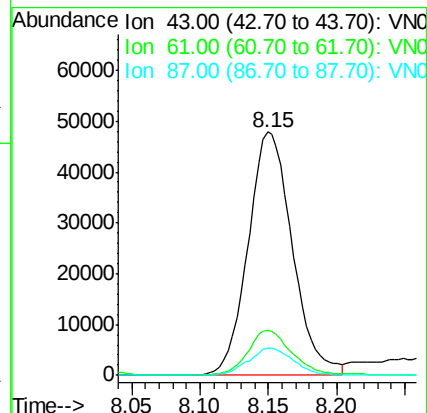
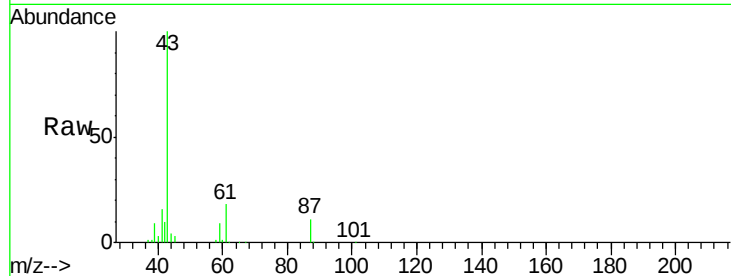


#43

Isopropyl Acetate
 Concen: 9.705 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058424.D
 Acq: 30 Sep 2019 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123437TB

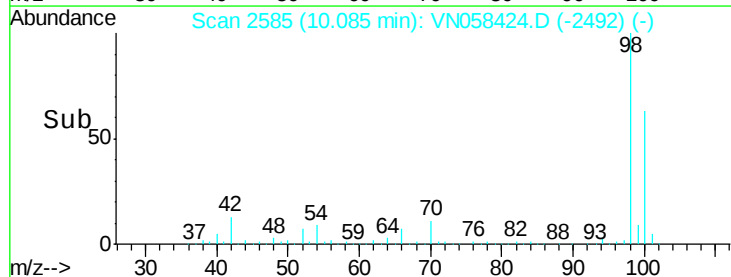
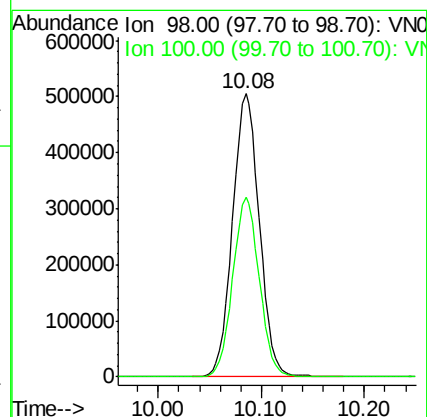
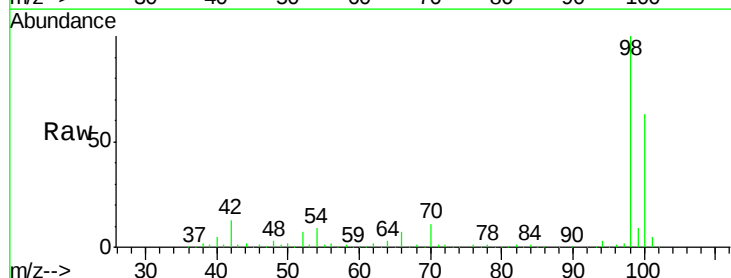
Tot Ion	43	Resp	107691
Ion Ratio	Lower	Upper	
43	100		
61	18.3	14.8	22.2
87	11.3	9.7	14.5

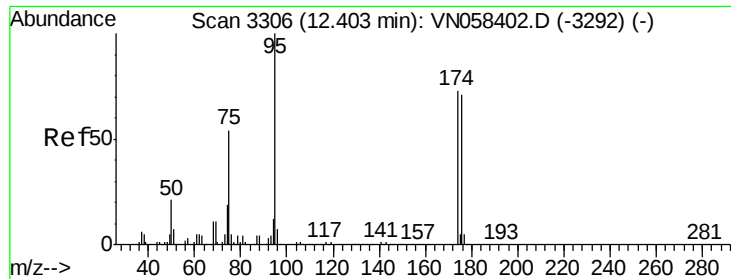


#50

Toluene-d8
 Concen: 52.501 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058424.D
 Acq: 30 Sep 2019 11:09

Tgt Ion	98	Resp	917516
Ion Ratio	Lower	Upper	
98	100		
100	62.9	51.0	76.6

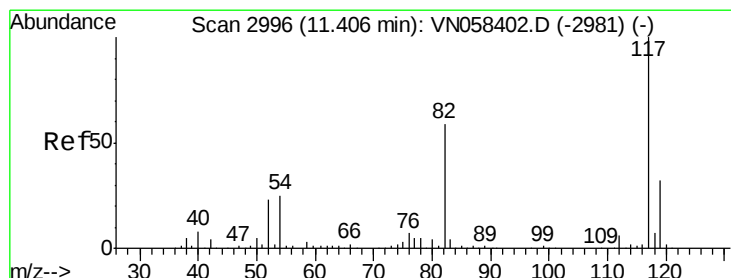
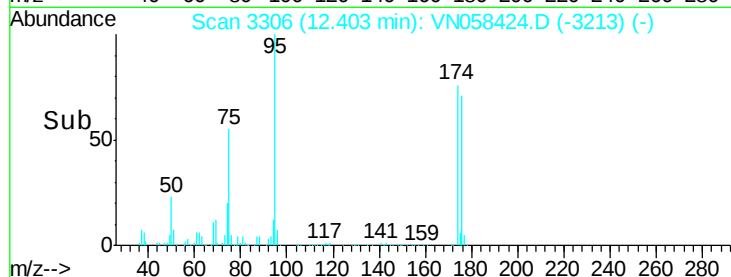
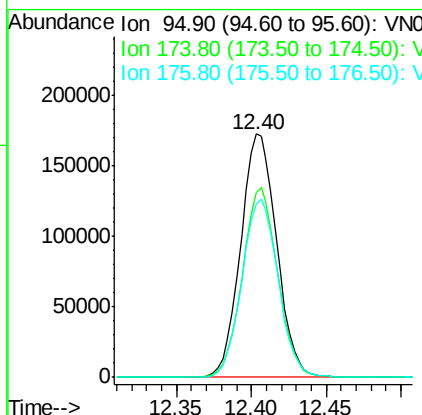
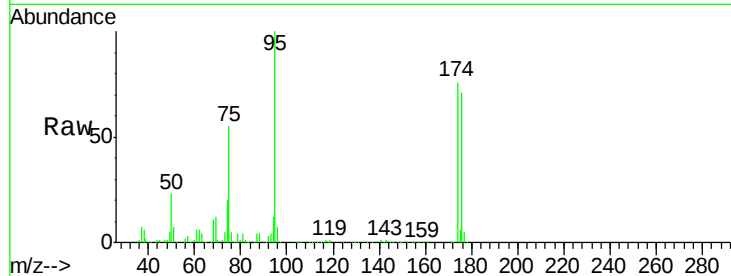




#62
4-Bromofluorobenzene
Concen: 45.678 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

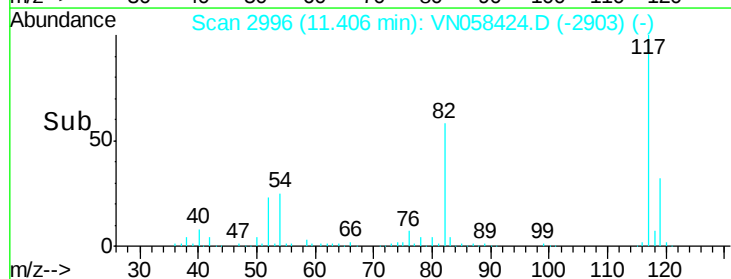
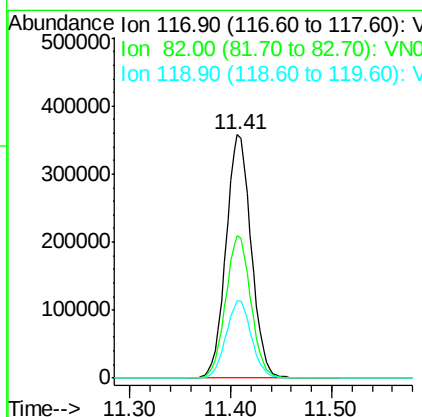
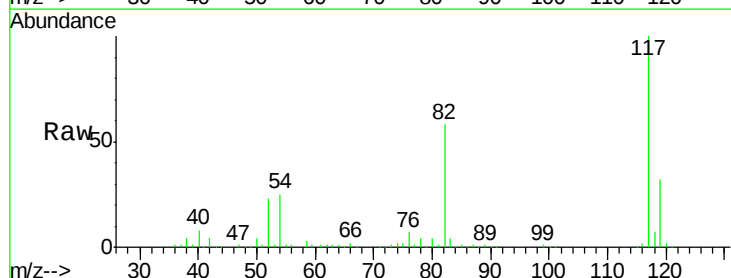
Instrument :
MSVOA_N
ClientSampleId :
PB123437TB

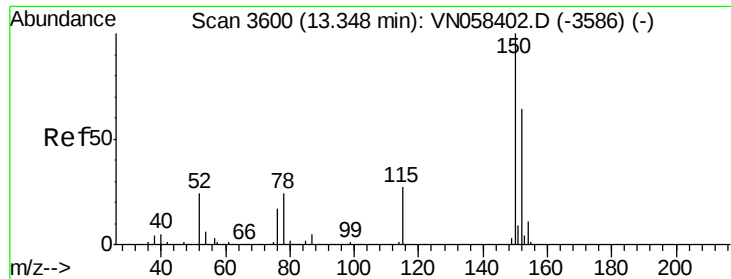
Tot Ion: 95 Resp: 288644
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.6
176 73.7 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion: 117 Resp: 624581
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.0
119 31.5 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: VN058424.D
 Acq: 30 Sep 2019 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123437TB

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.0	90.0
150	159.0	0.0	348.2

