

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058759.D
 Acq On : 14 Oct 2019 19:08
 Operator : JC/SP
 Sample : PB123907TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123907TB

Quant Time: Oct 15 04:15:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

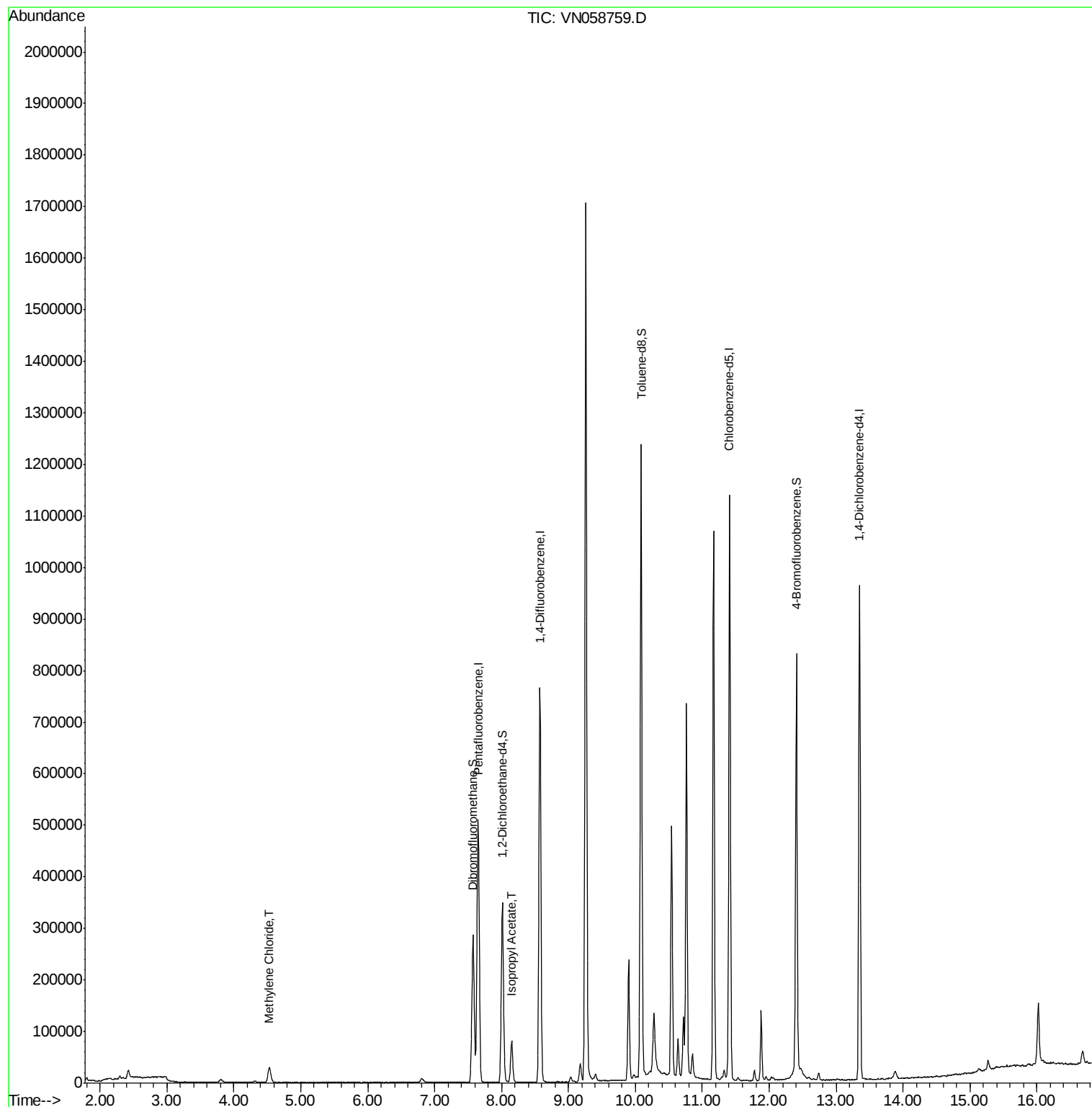
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	396602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	669461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	620718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	249702	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	306907	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
35) Dibromofluoromethane	7.57	113	216258	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
50) Toluene-d8	10.08	98	819564	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.41	95	272839	43.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.18%	
Target Compounds						
20) Methylene Chloride	4.53	84	20852	4.340	ug/l	97
43) Isopropyl Acetate	8.15	43	94337	8.090	ug/l #	92

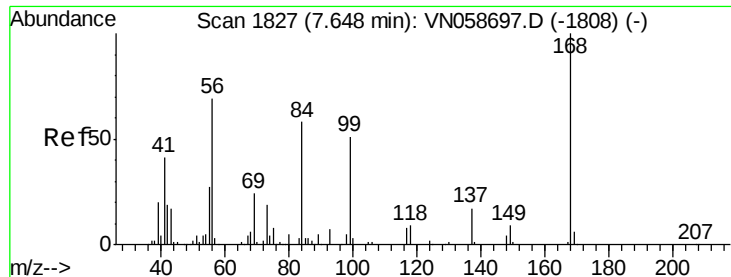
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 12 00:00:30 2019
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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: VN058759.D

Acq: 14 Oct 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

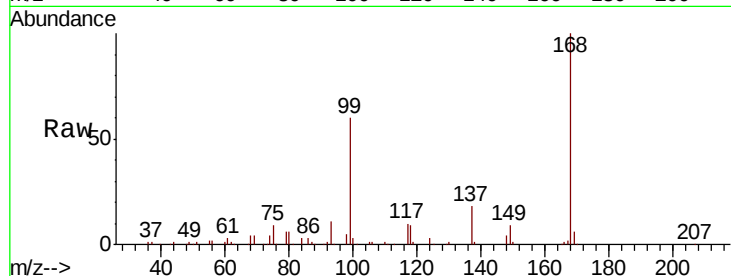
PB123907TB

Tot Ion:168 Resp: 396602

Ion Ratio Lower Upper

168 100

99 59.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

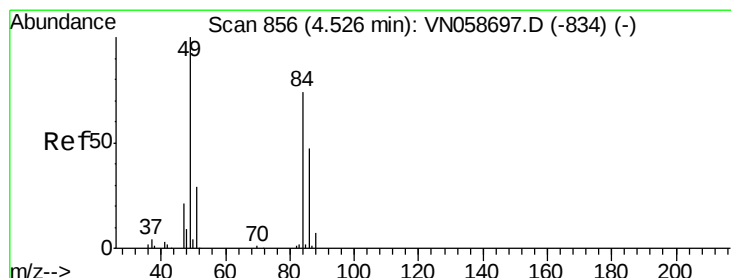
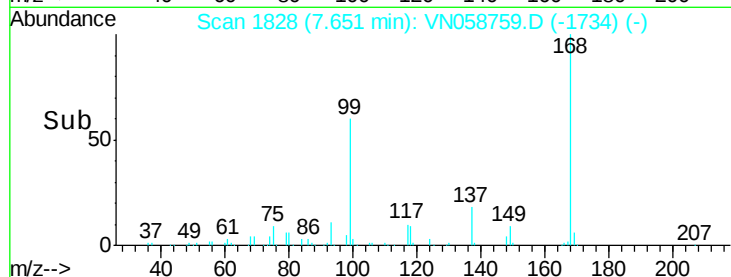
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.340 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN058759.D

Acq: 14 Oct 2019 19:08

Tgt Ion: 84 Resp: 20852

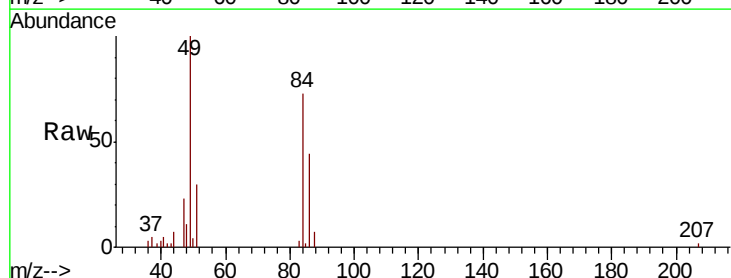
Ion Ratio Lower Upper

84 100

49 137.4 107.6 161.4

51 40.9 31.4 47.0

86 60.8 50.3 75.5



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

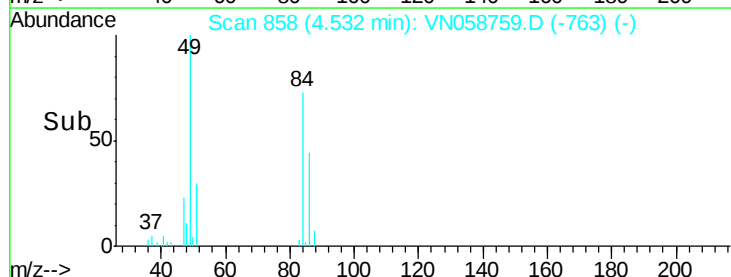
4.53

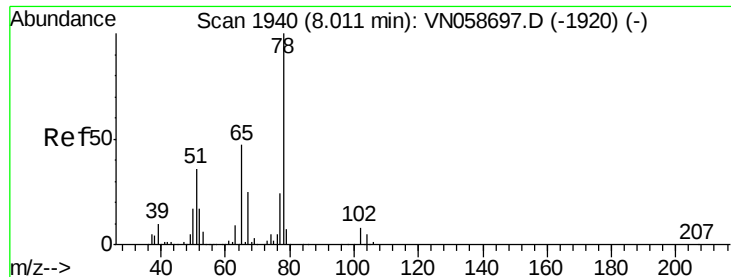
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.275 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058759.D

Acq: 14 Oct 2019 19:08

Instrument :

MSVOA_N

ClientSampled :

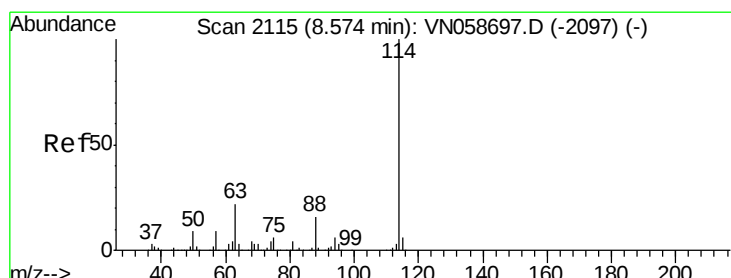
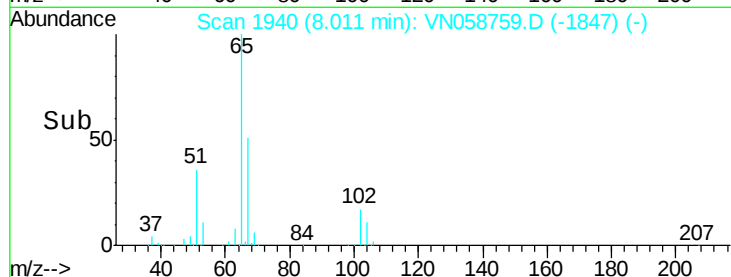
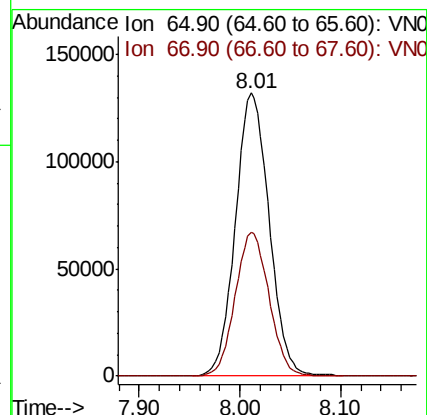
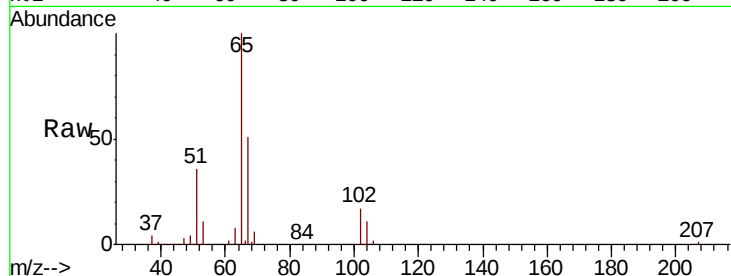
PB123907TB

Tot Ion: 65 Resp: 306907

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058759.D

Acq: 14 Oct 2019 19:08

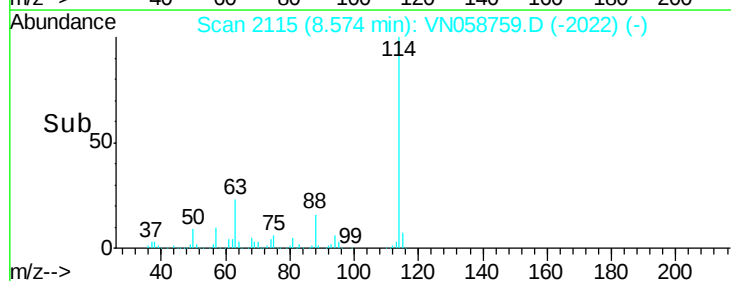
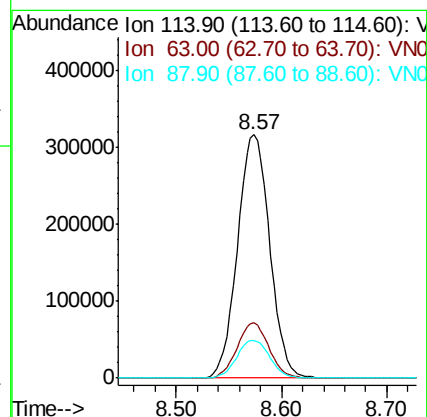
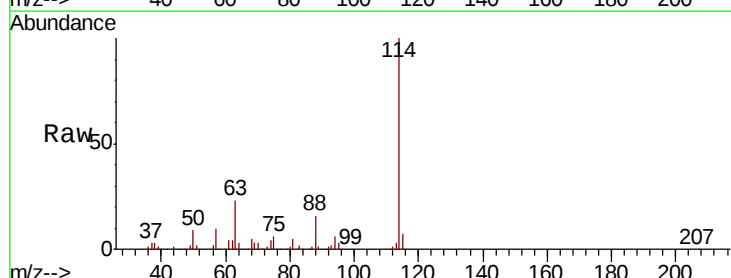
Tgt Ion: 114 Resp: 669461

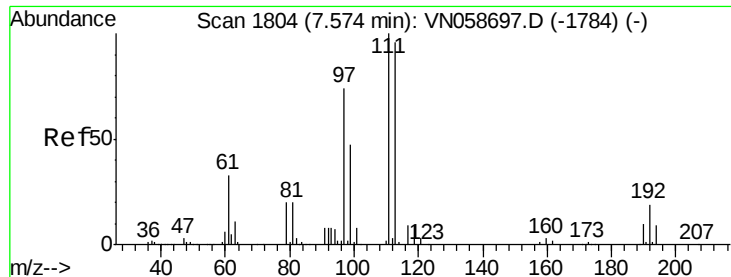
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.8

88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.298 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058759.D

Acq: 14 Oct 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB123907TB

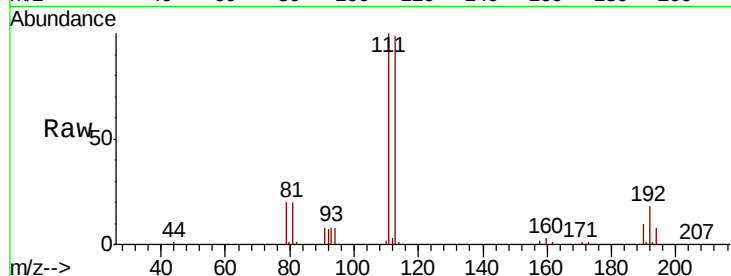
Tot Ion:113 Resp: 216258

Ion Ratio Lower Upper

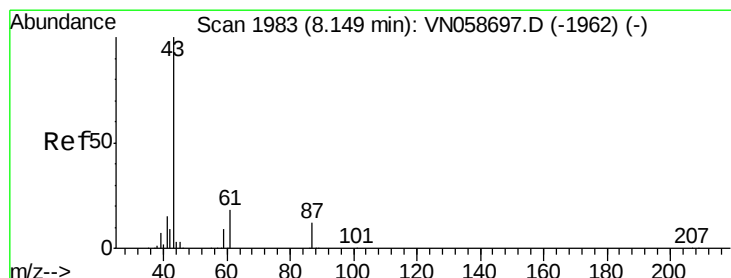
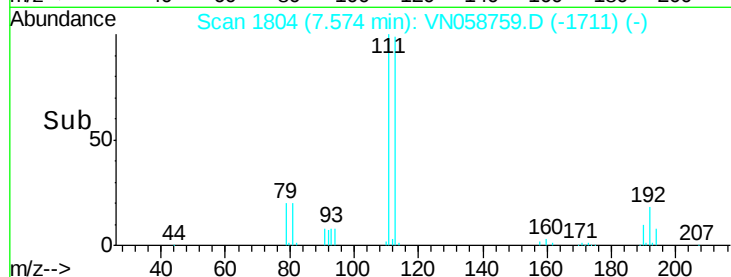
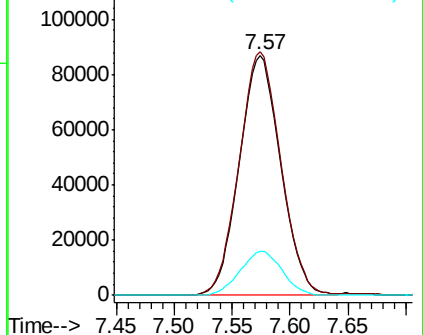
113 100

111 102.4 82.3 123.5

192 18.6 15.0 22.6



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: 8.090 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058759.D

Acq: 14 Oct 2019 19:08

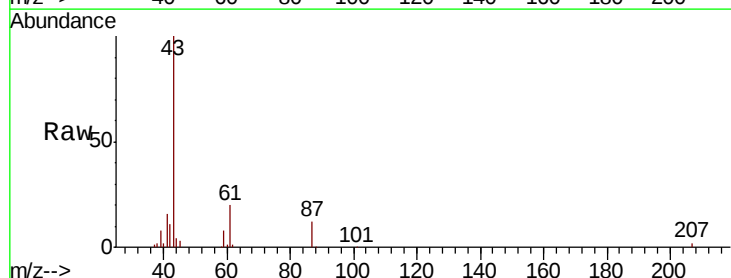
Tgt Ion: 43 Resp: 94337

Ion Ratio Lower Upper

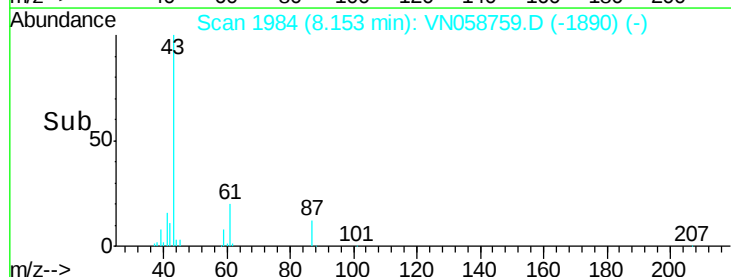
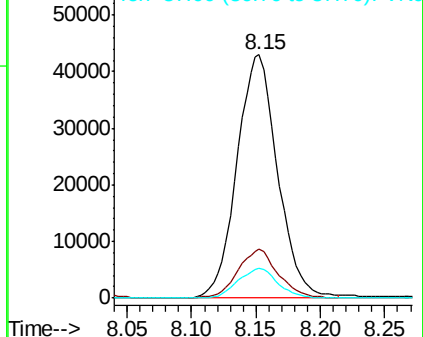
43 100

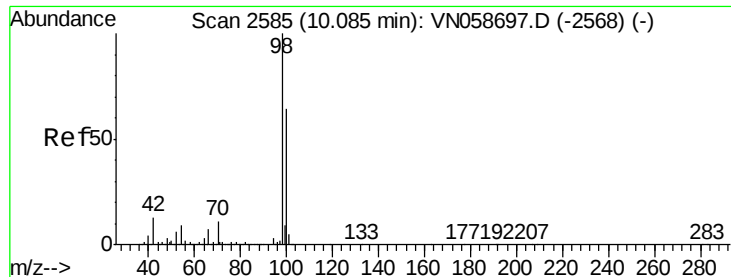
61 19.6 20.3 30.5#

87 11.8 9.8 14.6



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





#50

Toluene-d8

Concen: 49.563 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058759.D

Acq: 14 Oct 2019 19:08

Instrument :

MSVOA_N

ClientSampled :

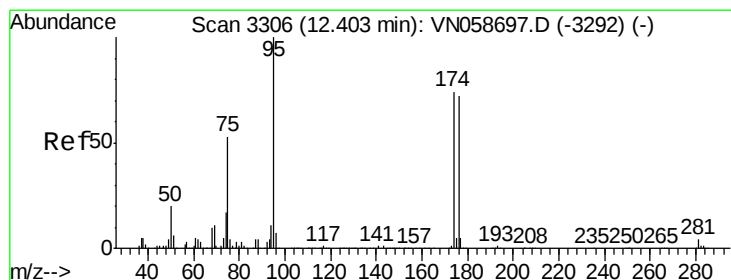
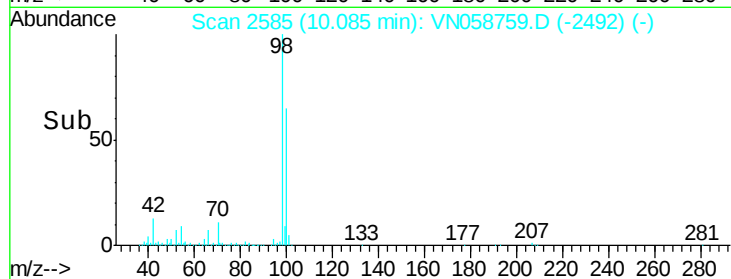
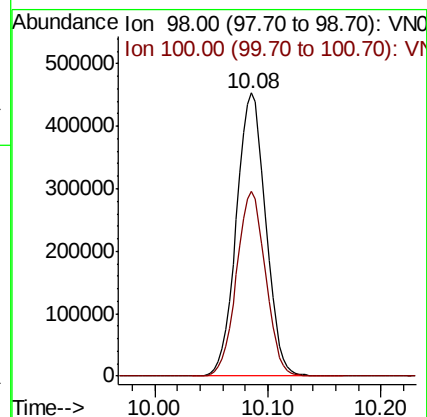
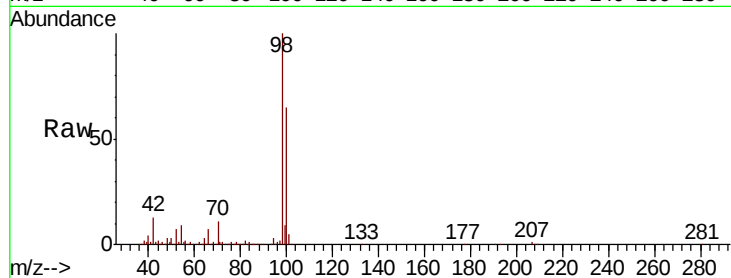
PB123907TB

Tot Ion: 98 Resp: 819564

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.590 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058759.D

Acq: 14 Oct 2019 19:08

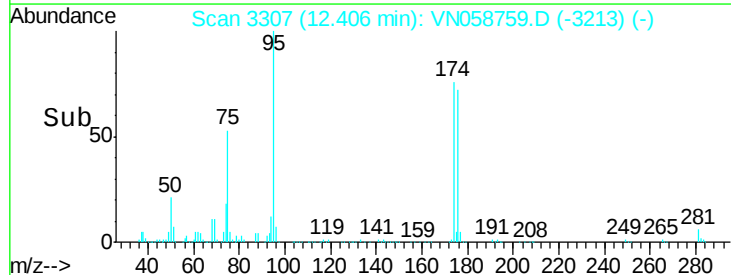
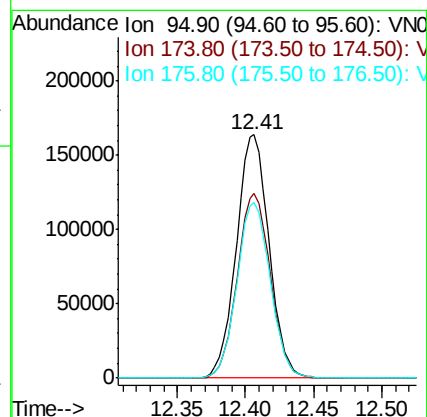
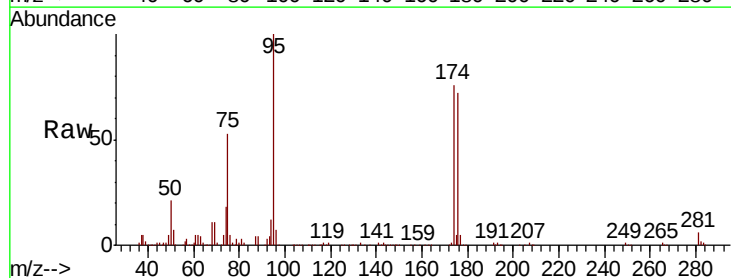
Tgt Ion: 95 Resp: 272839

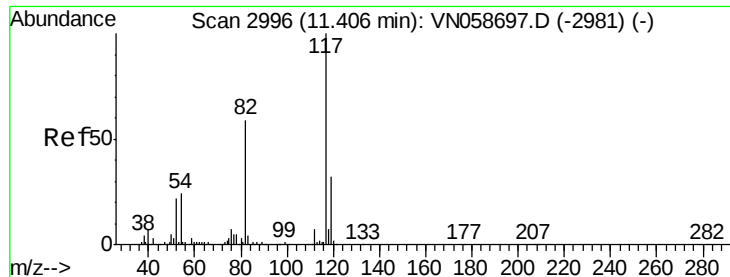
Ion Ratio Lower Upper

95 100

174 77.2 0.0 150.4

176 73.8 0.0 146.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058759.D

Acq: 14 Oct 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB123907TB

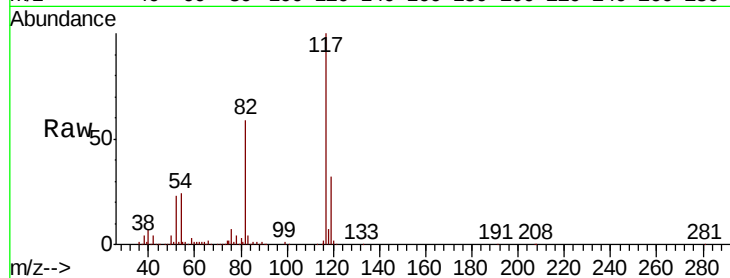
Tot Ion:117 Resp: 620718

Ion Ratio Lower Upper

117 100

82 59.4 47.0 70.4

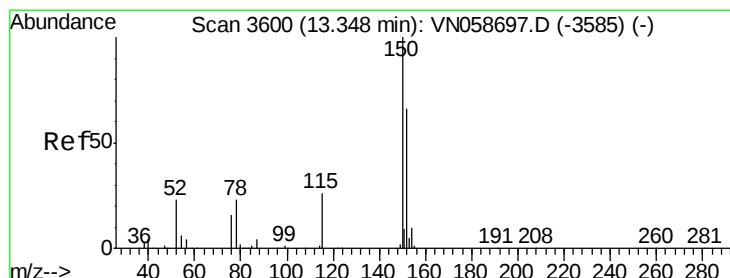
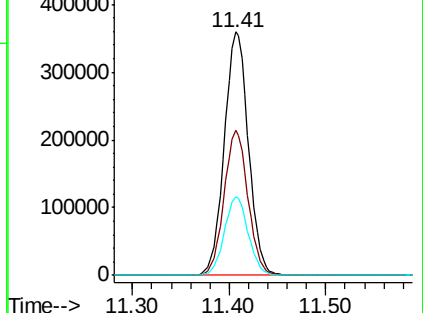
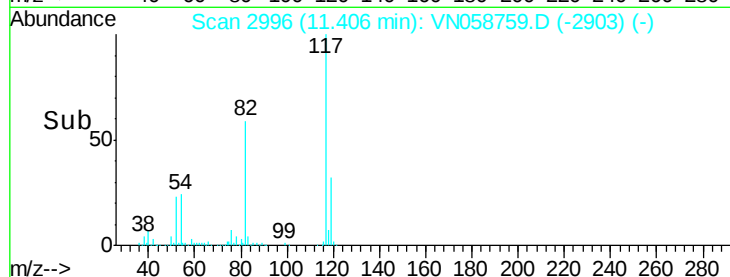
119 32.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058759.D

Acq: 14 Oct 2019 19:08

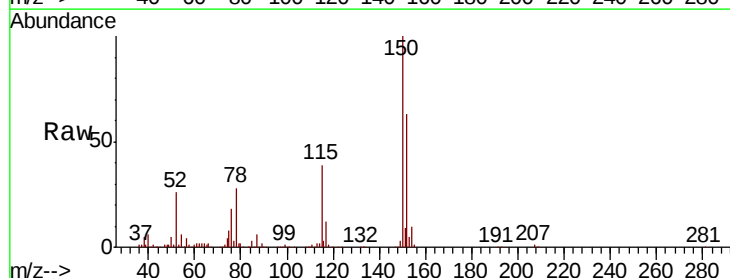
Tgt Ion:152 Resp: 249702

Ion Ratio Lower Upper

152 100

115 61.5 30.4 91.2

150 157.4 0.0 345.4



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

