

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091219\
 Data File : VN057938.D
 Acq On : 11 Sep 2019 20:54
 Operator : JC/SP
 Sample : K4818-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-091019-01

Quant Time: Sep 12 03:35:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

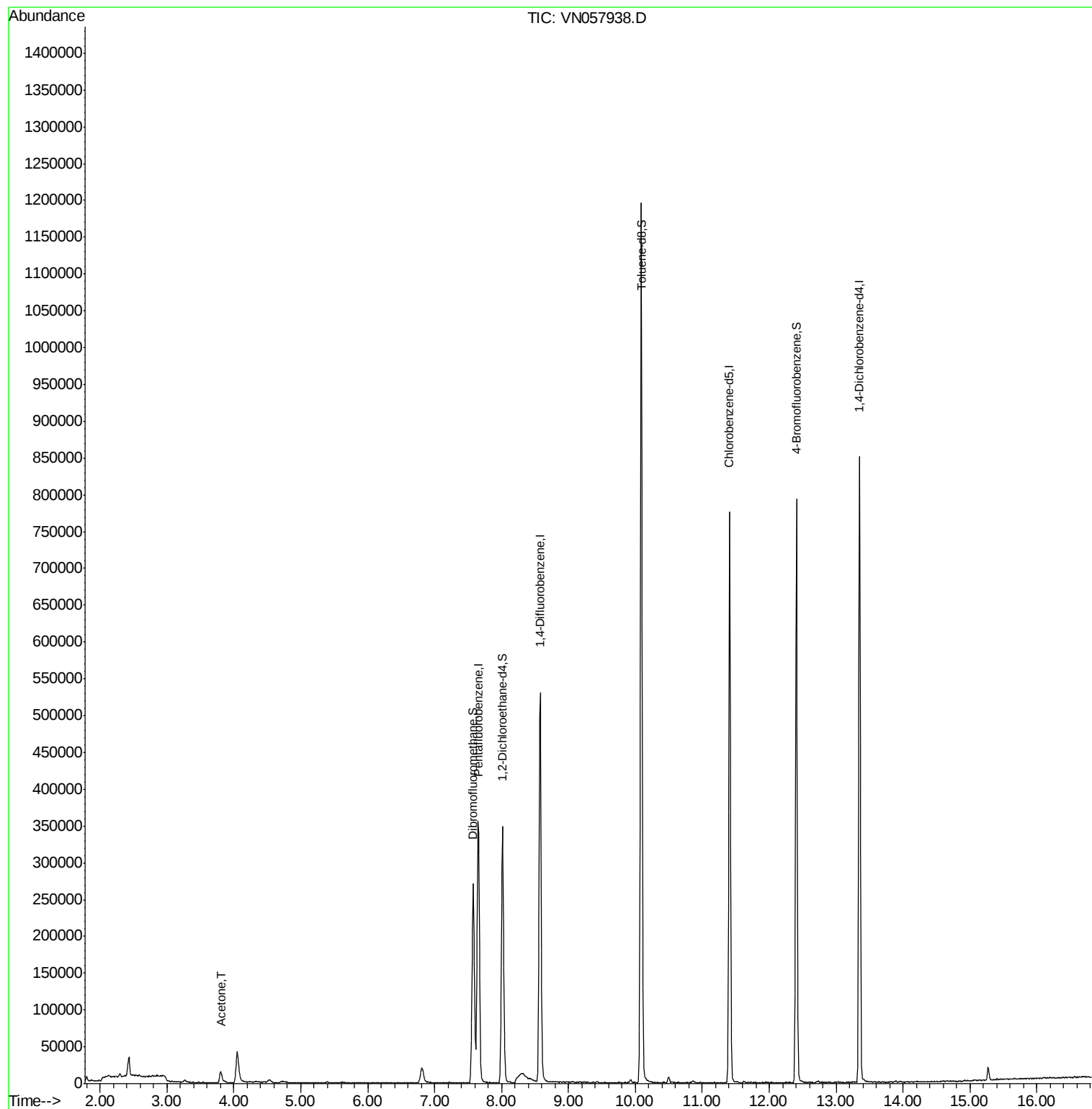
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	276922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	461030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	421663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	298892	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
35) Dibromofluoromethane	7.58	113	202251	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
50) Toluene-d8	10.09	98	819079	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.41	95	263600	41.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.74%	
Target Compounds						
16) Acetone	3.81	43	27236	14.813	ug/l	Qvalue 97

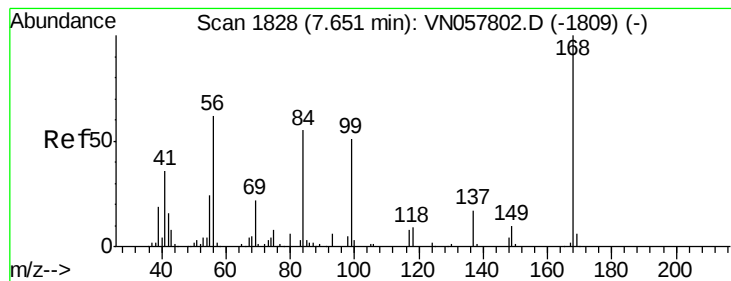
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057938.D

Acq: 11 Sep 2019 20:54

Instrument :

MSVOA_N

ClientSampled :

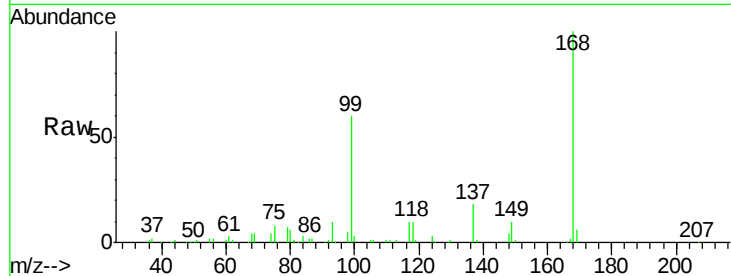
FB-091019-01

Tot Ion:168 Resp: 276922

Ion Ratio Lower Upper

168 100

99 60.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

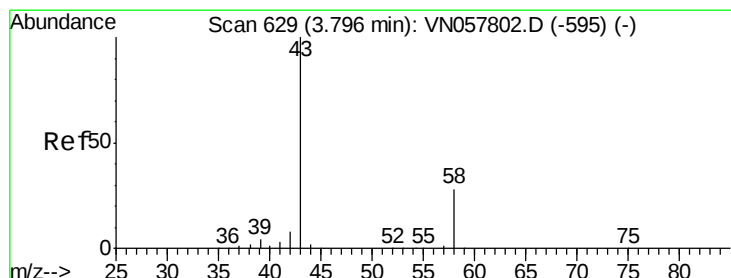
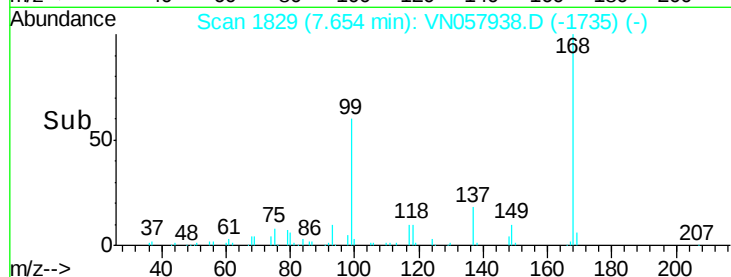
7.65

100000

50000

0

Time-->



#16

Acetone

Concen: 14.813 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057938.D

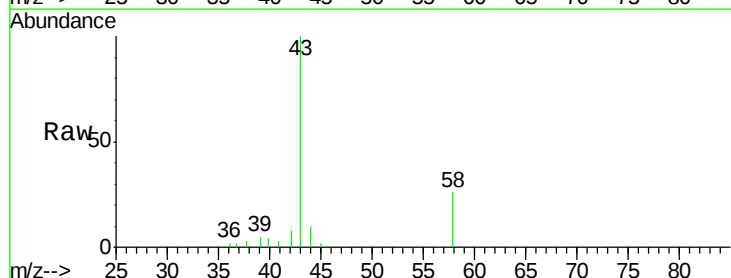
Acq: 11 Sep 2019 20:54

Tgt Ion: 43 Resp: 27236

Ion Ratio Lower Upper

43 100

58 26.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

10000

8000

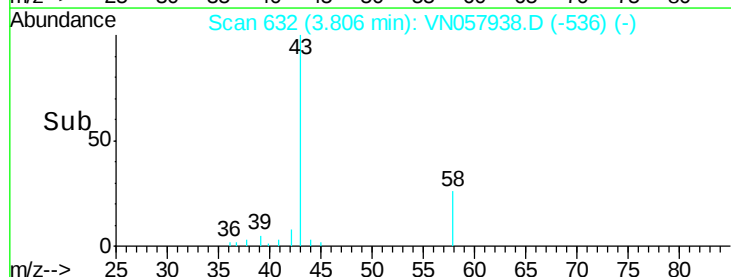
6000

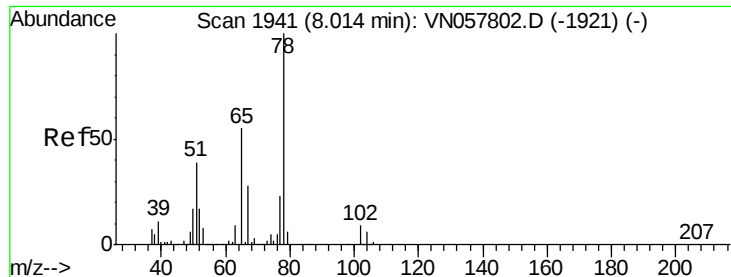
4000

2000

0

Time-->

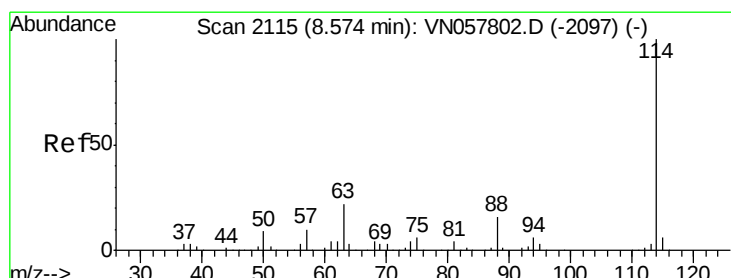
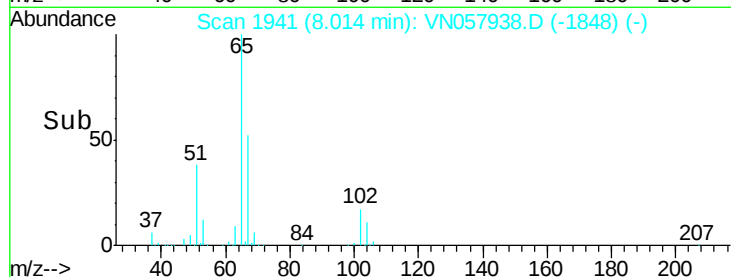
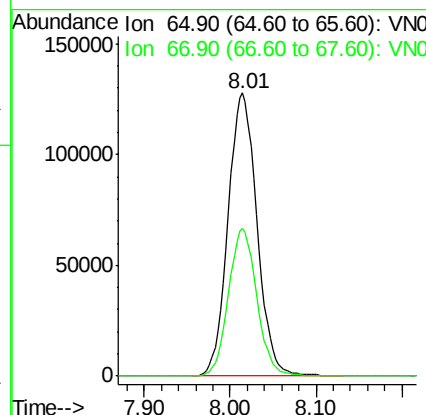
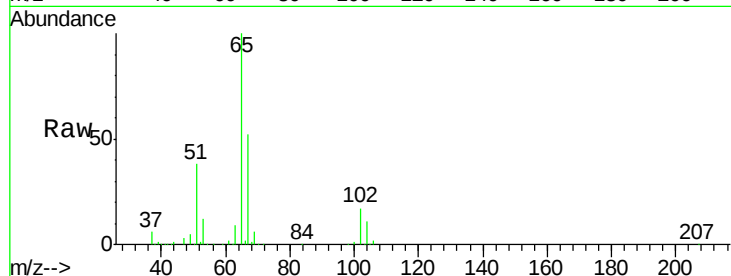




#33
 1,2-Dichloroethane-d4
 Concen: 53.290 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057938.D
 Acq: 11 Sep 2019 20:54

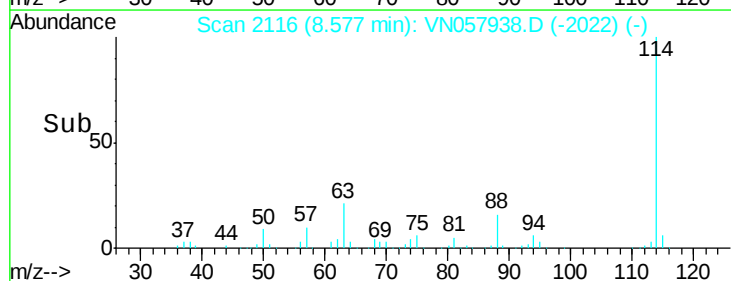
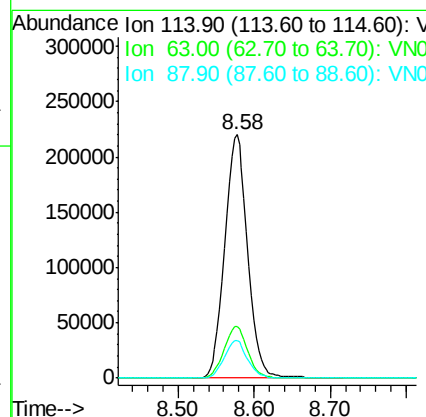
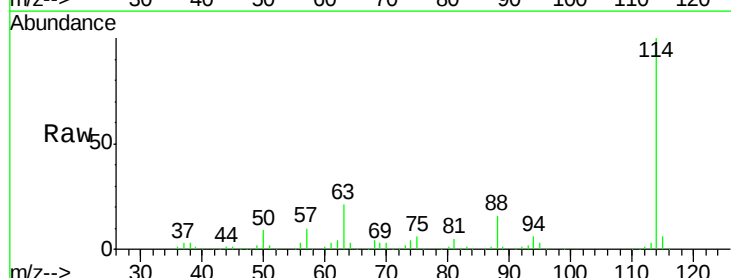
Instrument :
 MSVOA_N
 ClientSampleId :
 FB-091019-01

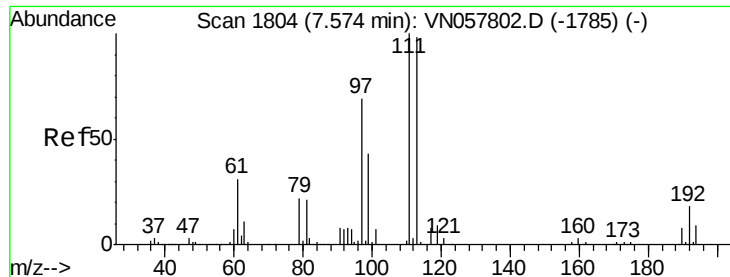
Tot Ion: 65 Resp: 298892
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057938.D
 Acq: 11 Sep 2019 20:54

Tgt Ion: 114 Resp: 461030
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 44.0
 88 15.7 0.0 31.4

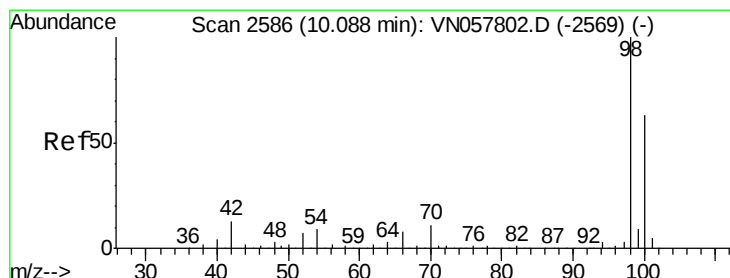
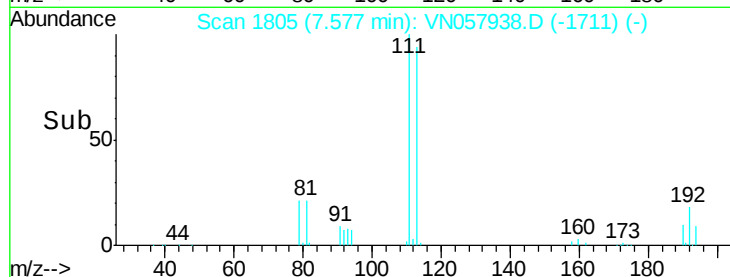
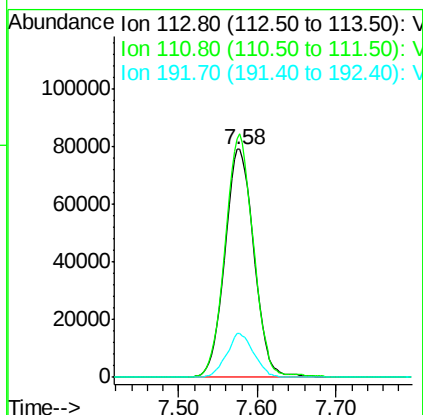
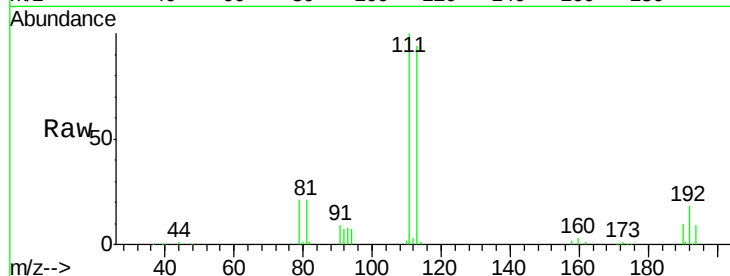




#35
 Dibromofluoromethane
 Concen: 47.531 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057938.D
 Acq: 11 Sep 2019 20:54

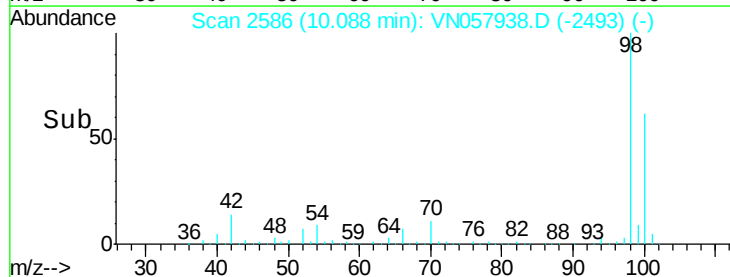
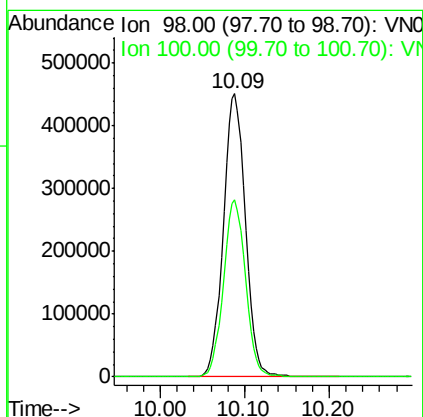
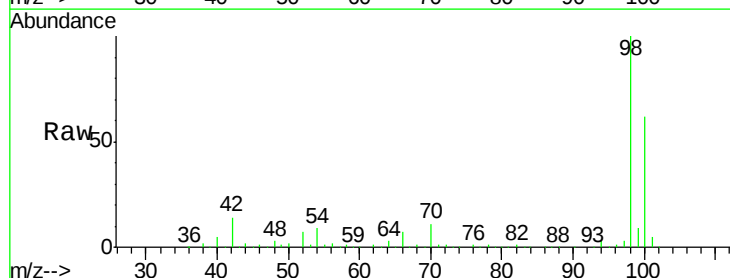
Instrument :
 MSVOA_N
 ClientSampled :
 FB-091019-01

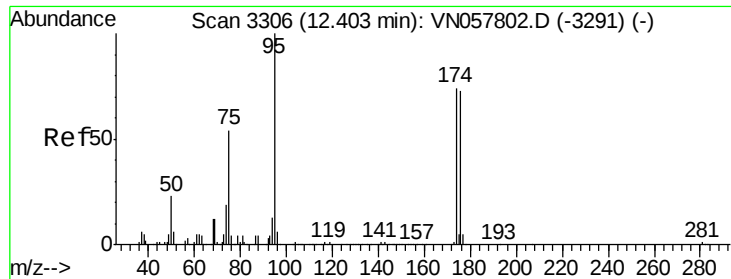
Tot Ion:113 Resp: 202251
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.3 121.9
 192 18.1 14.6 22.0



#50
 Toluene-d8
 Concen: 49.579 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057938.D
 Acq: 11 Sep 2019 20:54

Tgt Ion: 98 Resp: 819079
 Ion Ratio Lower Upper
 98 100
 100 62.6 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 41.869 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057938.D

Acq: 11 Sep 2019 20:54

Instrument :

MSVOA_N

ClientSampleId :

FB-091019-01

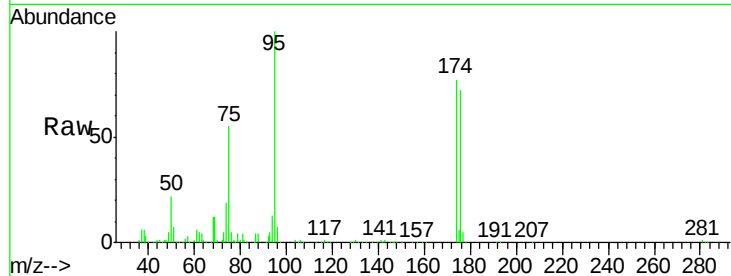
Tot Ion: 95 Resp: 263600

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

176 71.8 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

12.41

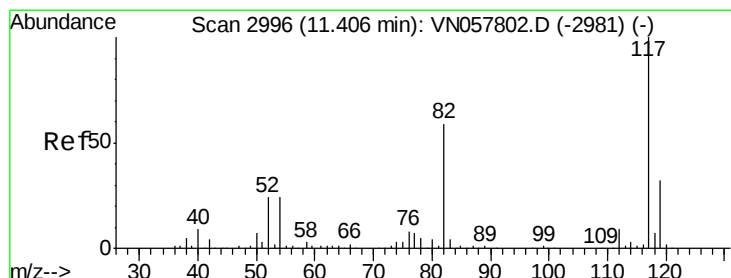
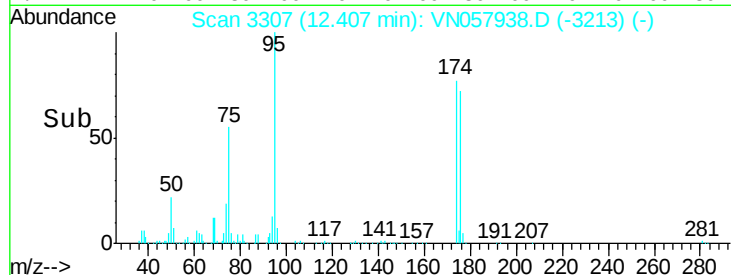
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057938.D

Acq: 11 Sep 2019 20:54

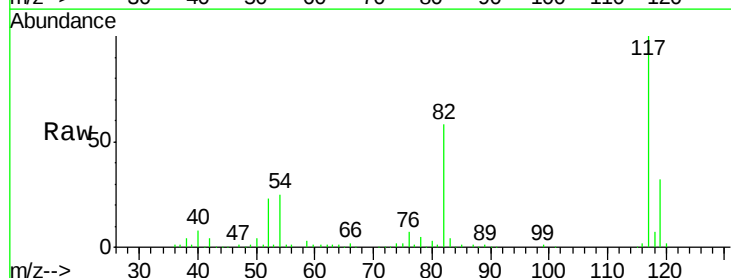
Tgt Ion: 117 Resp: 421663

Ion Ratio Lower Upper

117 100

82 58.4 47.2 70.8

119 31.8 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)

11.41

300000

250000

200000

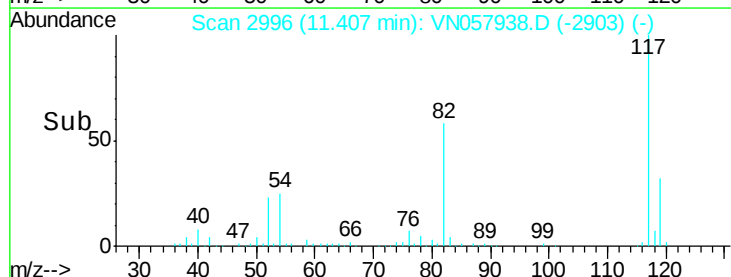
150000

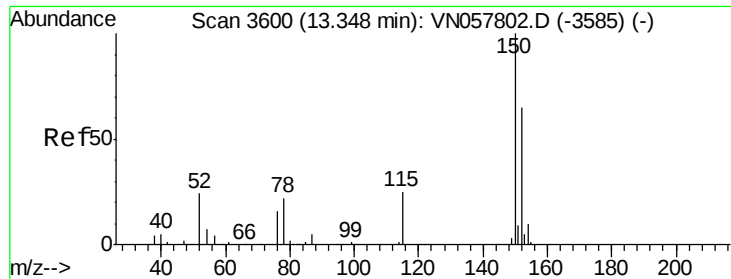
100000

50000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057938.D

Acq: 11 Sep 2019 20:54

Instrument :

MSVOA_N

ClientSampleId :

FB-091019-01

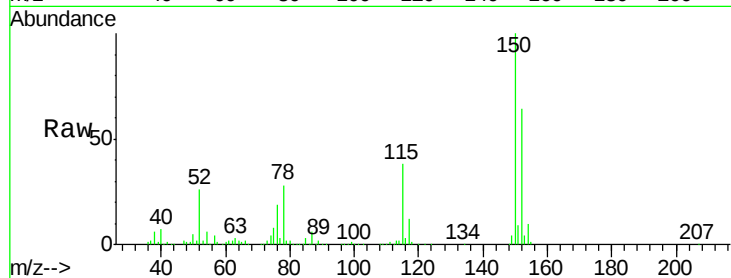
Tot Ion:152 Resp: 215679

Ion Ratio Lower Upper

152 100

115 61.1 30.3 91.0

150 156.0 0.0 352.4



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

