

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058192.D
 Acq On : 19 Sep 2019 10:12
 Operator : JC/SP
 Sample : K4896-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB02-20190912

Quant Time: Sep 20 07:42:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	513077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	829449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	703769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296081	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	353717	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	7.57	113	244515	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	10.09	98	1021463	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.40	95	327351	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	

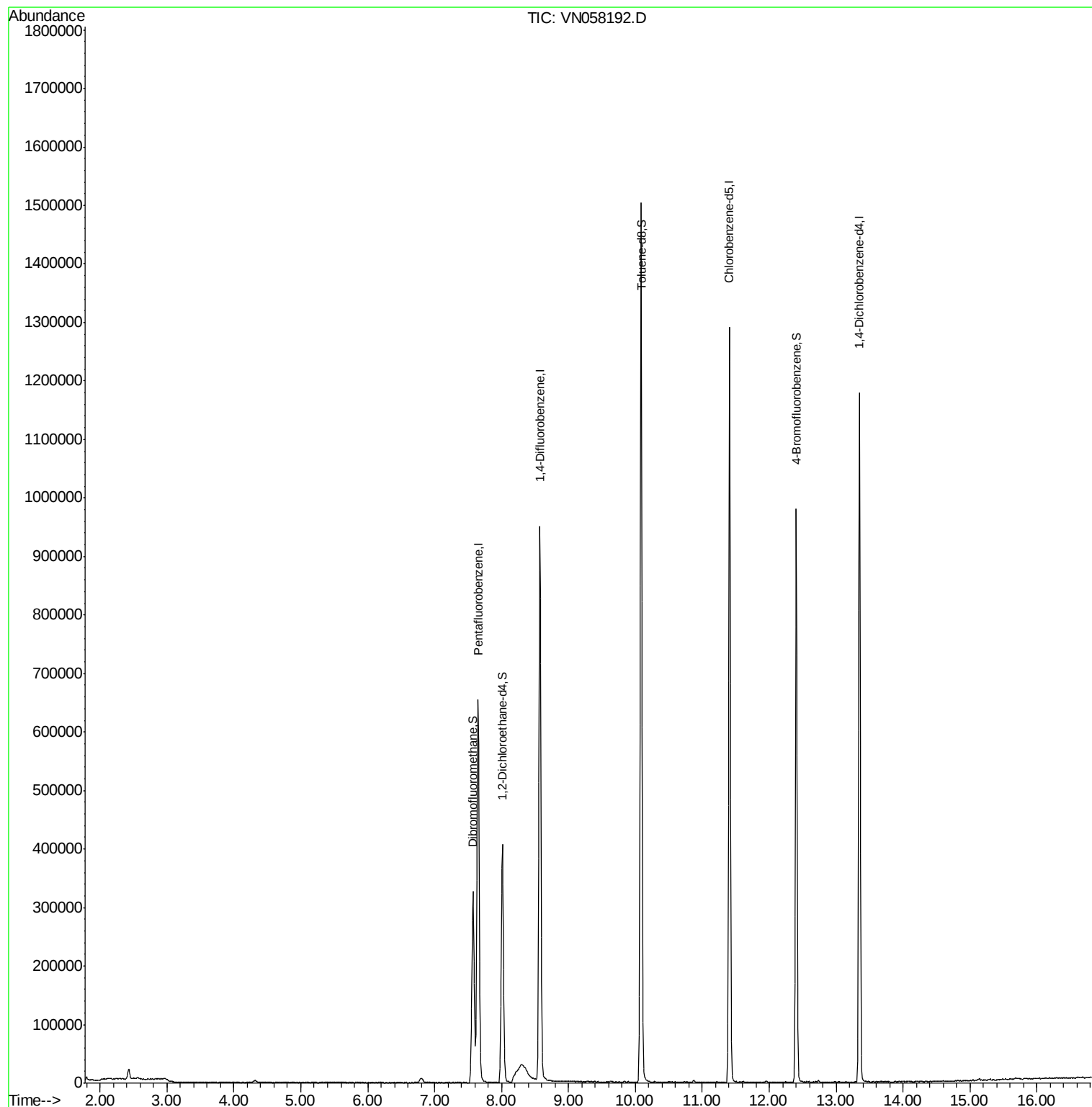
Target Compounds	Qvalue

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

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QLast Update : Thu Sep 19 09:27:53 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: VN058192.D

Acq: 19 Sep 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

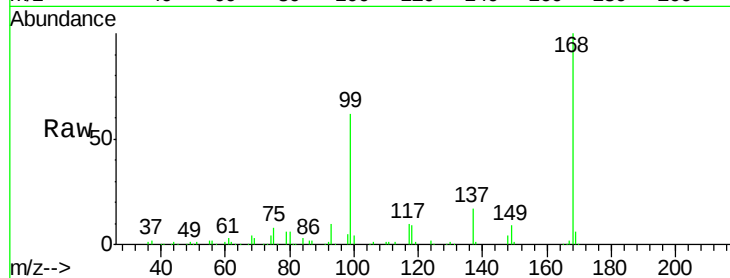
TB02-20190912

Tot Ion:168 Resp: 513077

Ion Ratio Lower Upper

168 100

99 62.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

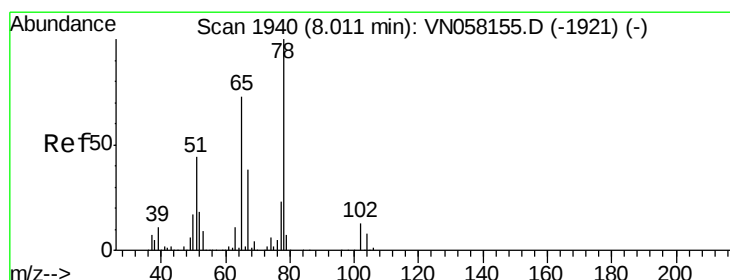
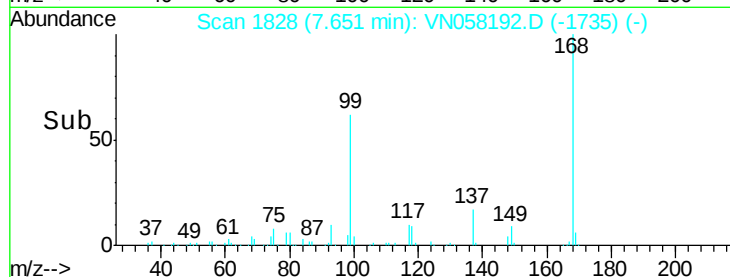
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 49.498 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058192.D

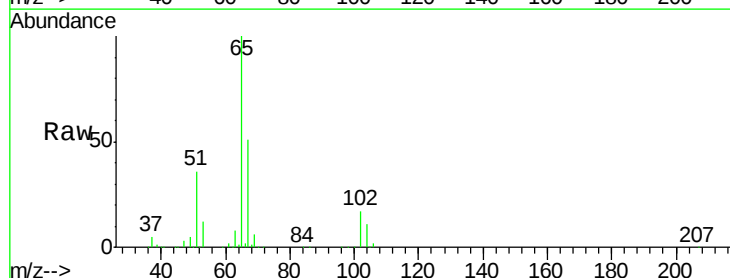
Acq: 19 Sep 2019 10:12

Tgt Ion: 65 Resp: 353717

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

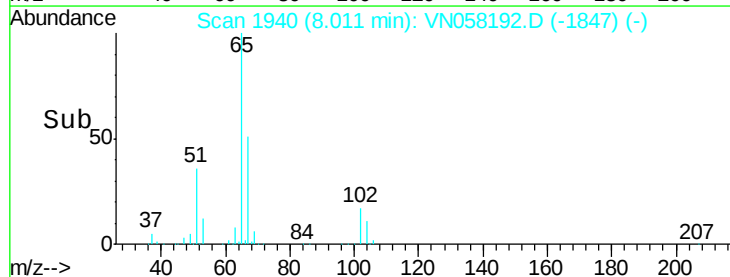
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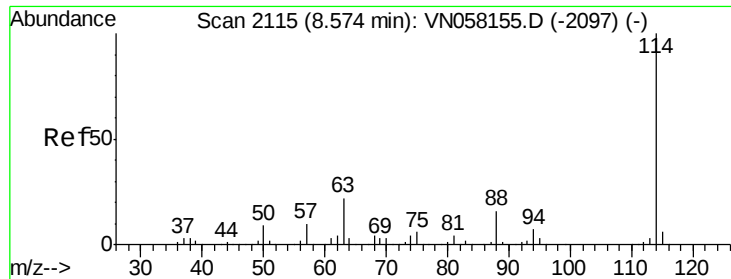
100000

50000

0

Time--> 7.90 8.00 8.10

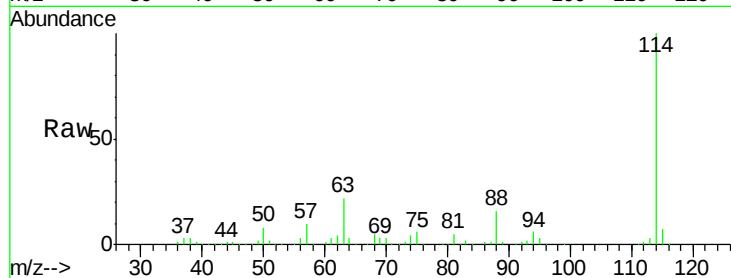




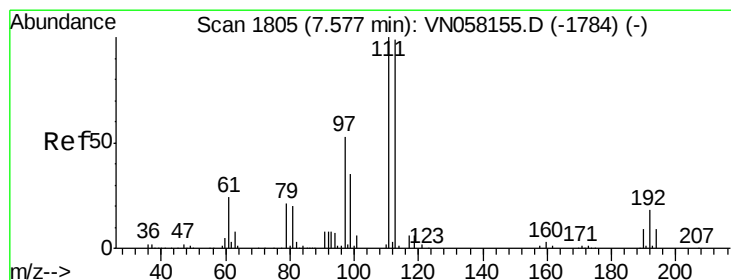
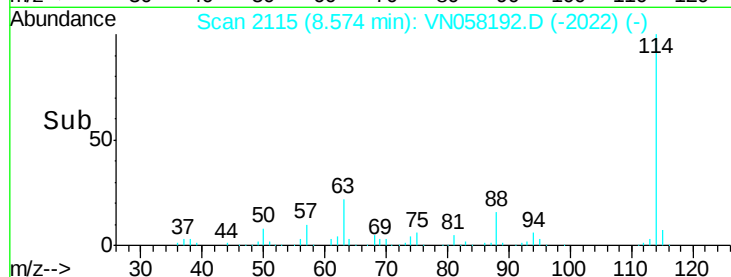
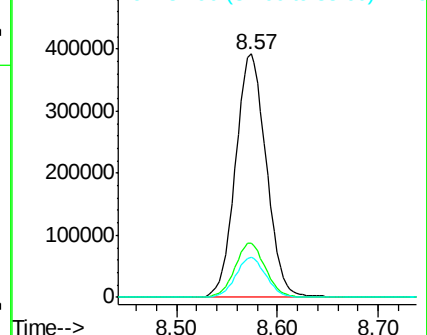
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058192.D
 Acq: 19 Sep 2019 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TB02-20190912

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.2
88	16.5	0.0	31.6

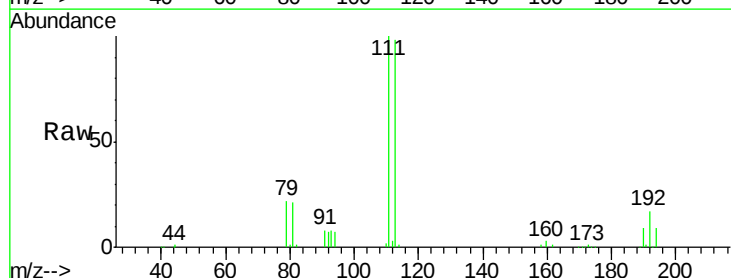


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

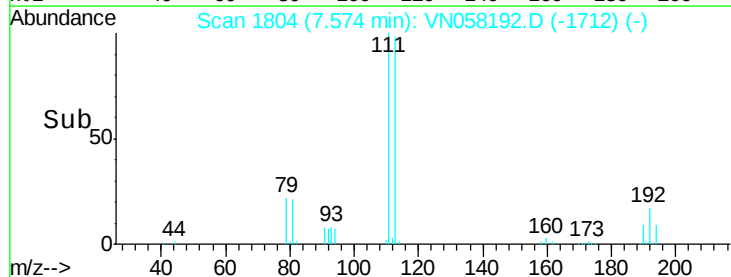
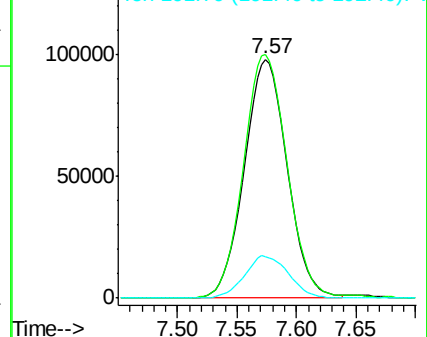


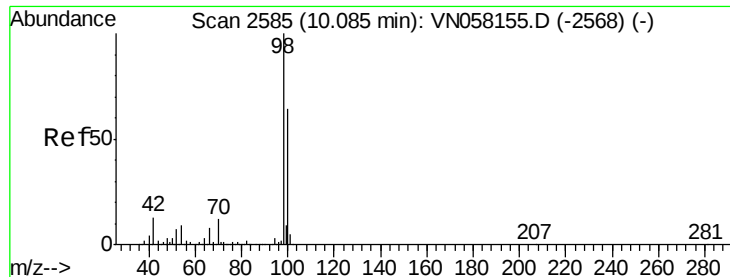
#35
 Dibromofluoromethane
 Concen: 48.492 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058192.D
 Acq: 19 Sep 2019 10:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	18.3	14.5	21.7



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





#50

Toluene-d8

Concen: 51.993 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058192.D

Acq: 19 Sep 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

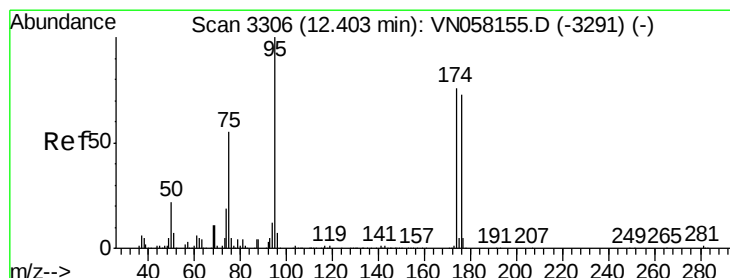
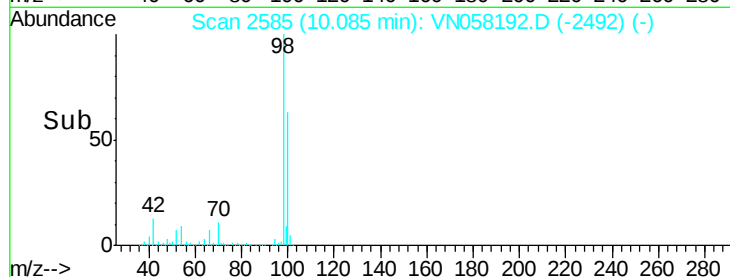
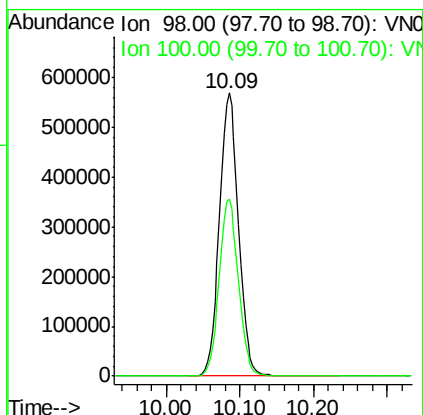
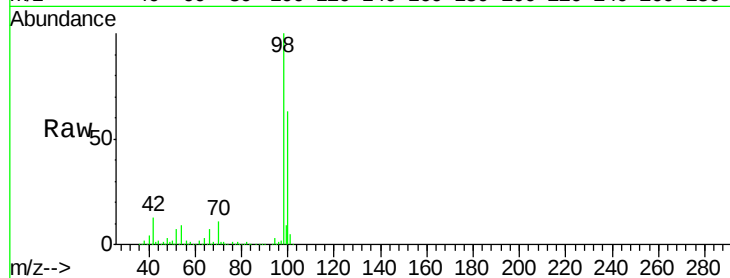
TB02-20190912

Tot Ion: 98 Resp: 1021463

Ion Ratio Lower Upper

98 100

100 63.0 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.856 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058192.D

Acq: 19 Sep 2019 10:12

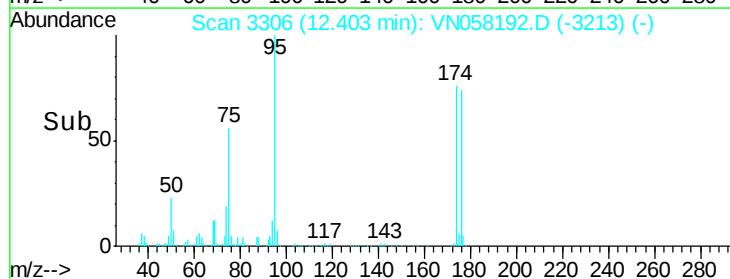
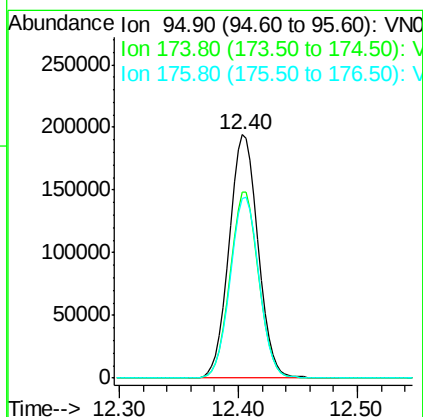
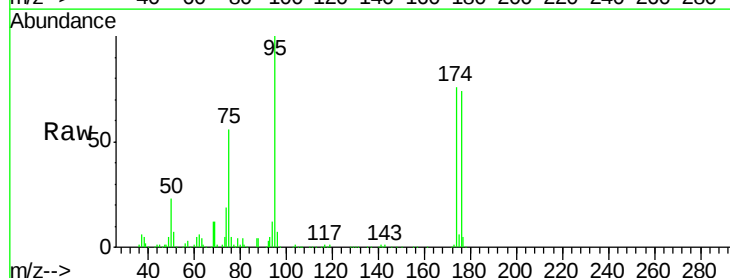
Tgt Ion: 95 Resp: 327351

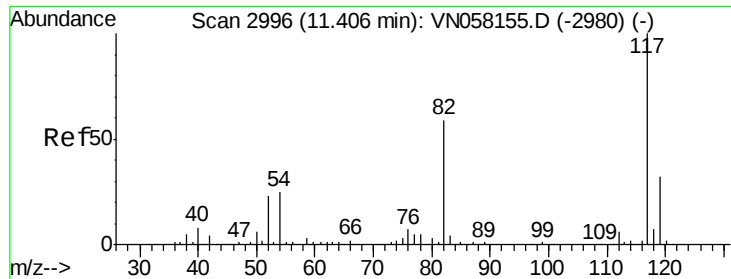
Ion Ratio Lower Upper

95 100

174 75.6 0.0 152.2

176 74.2 0.0 148.0

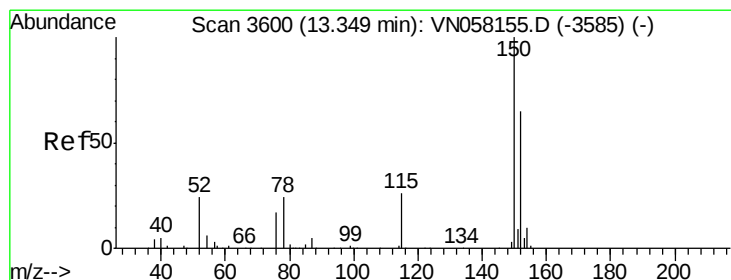
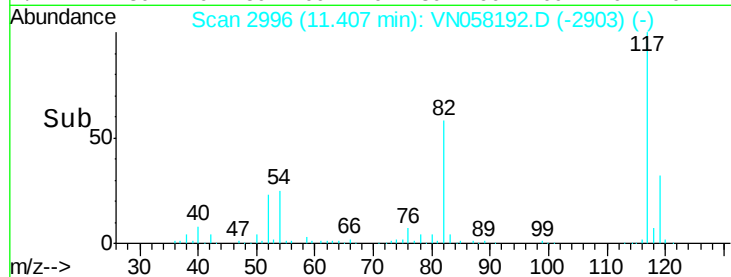
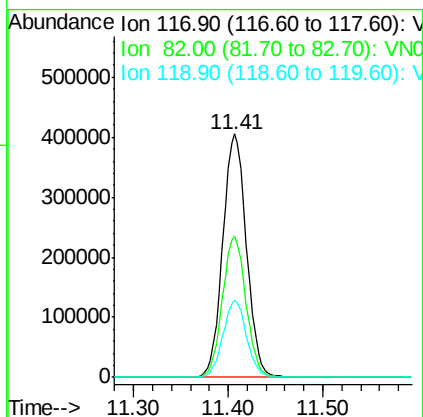
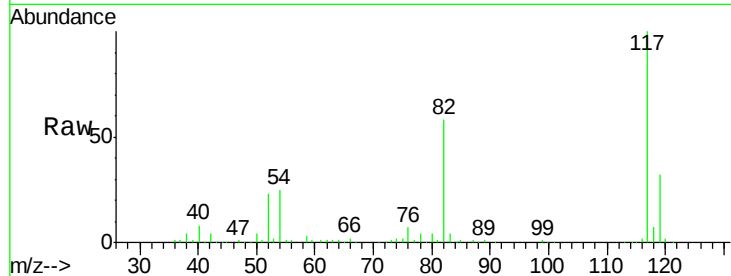




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058192.D
Acq: 19 Sep 2019 10:12

Instrument :
MSVOA_N
ClientSampled :
TB02-20190912

Tot Ion:117 Resp: 703769
Ion Ratio Lower Upper
117 100
82 57.8 46.9 70.3
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058192.D
Acq: 19 Sep 2019 10:12

Tgt Ion:152 Resp: 296081
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.3
150 157.9 0.0 346.4

