

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058751.D
 Acq On : 14 Oct 2019 15:49
 Operator : JC/SP
 Sample : K5358-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190891-FIELD-BLANK

Quant Time: Oct 15 04:07:47 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	388725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	653355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	583093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	234664	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	304207	55.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.80%	
35) Dibromofluoromethane	7.57	113	214445	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
50) Toluene-d8	10.08	98	791777	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.41	95	263209	43.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.18%	

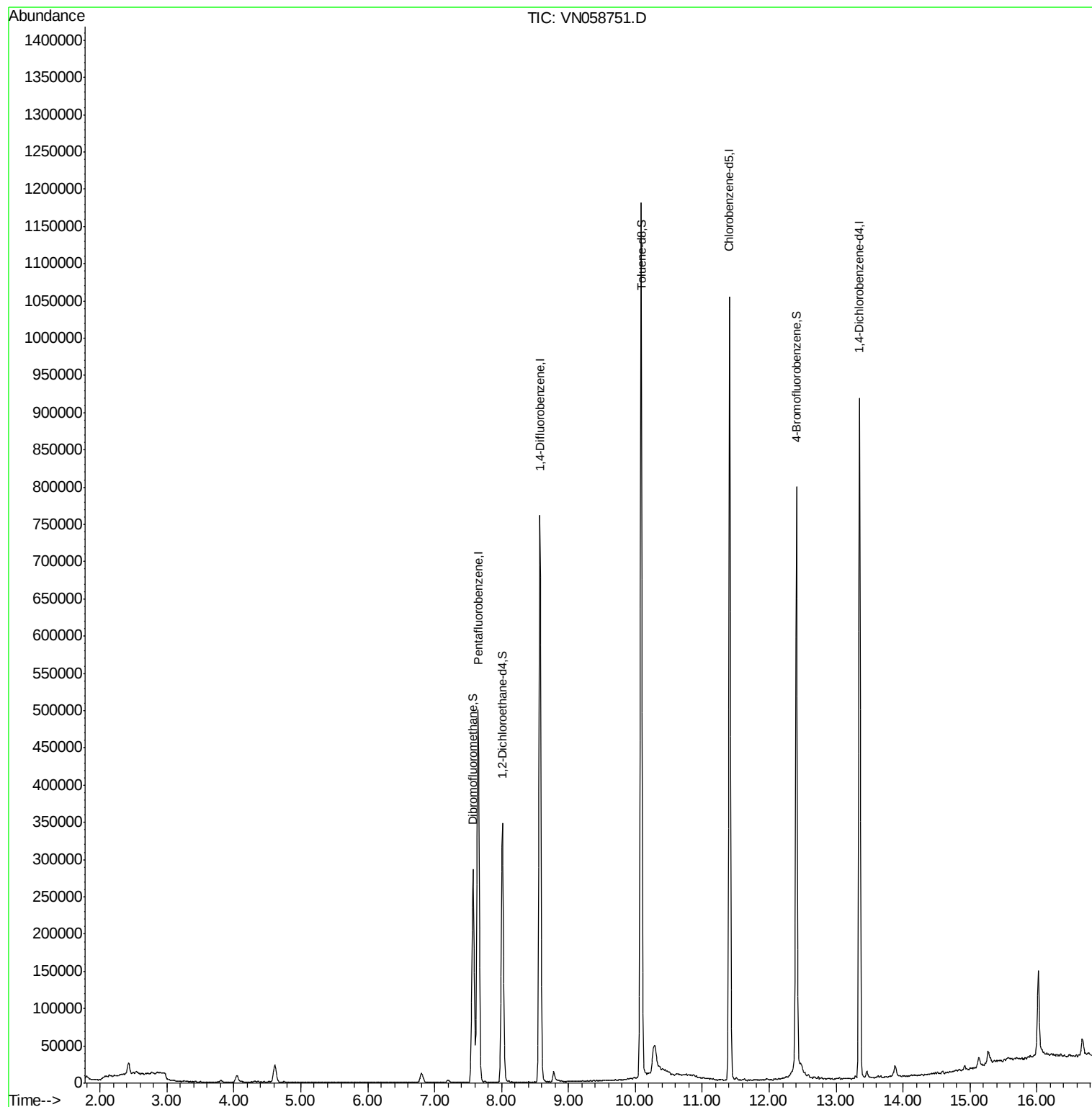
Target Compounds	Qvalue

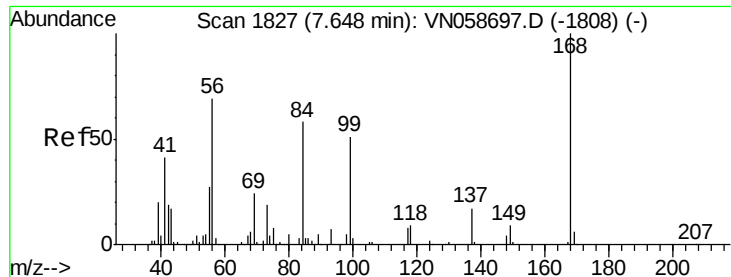
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 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: VN058751.D

Acq: 14 Oct 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

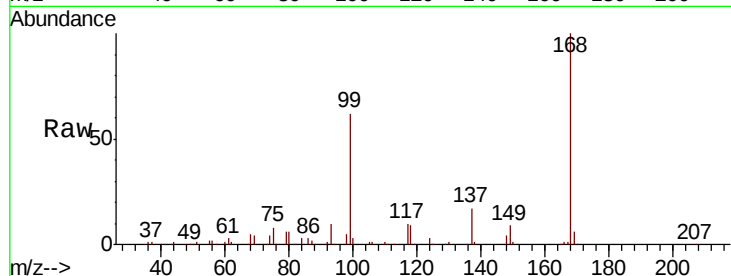
20190891-FIELD-BLANK

Tot Ion:168 Resp: 388725

Ion Ratio Lower Upper

168 100

99 61.6 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

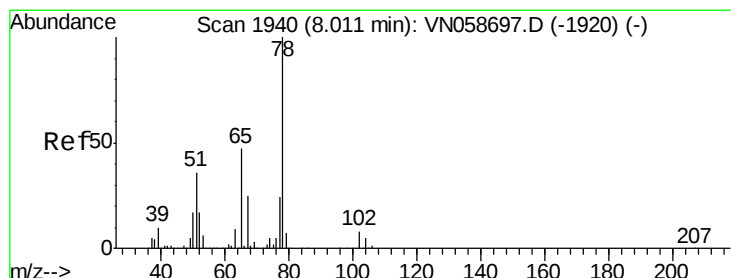
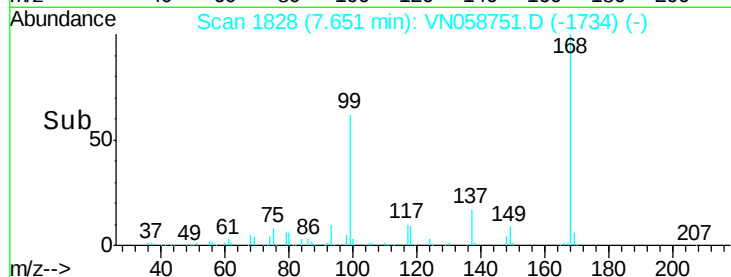
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 55.899 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058751.D

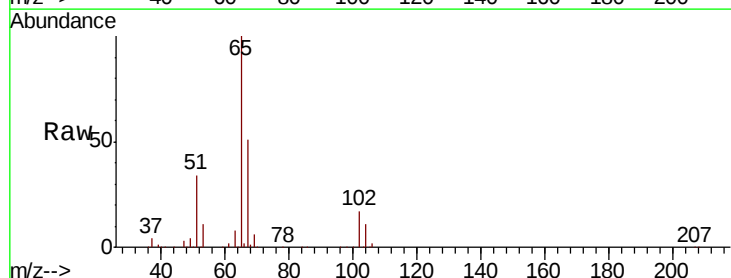
Acq: 14 Oct 2019 15:49

Tgt Ion: 65 Resp: 304207

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

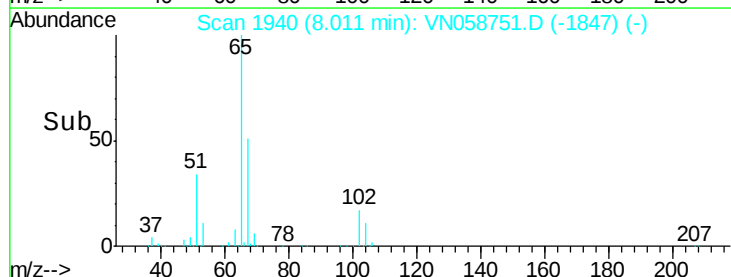
150000

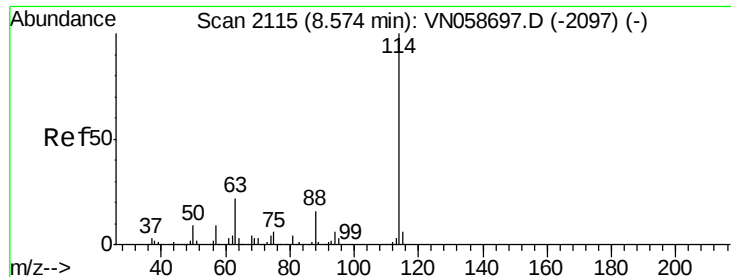
100000

50000

0

Time--> 7.90 8.00 8.10

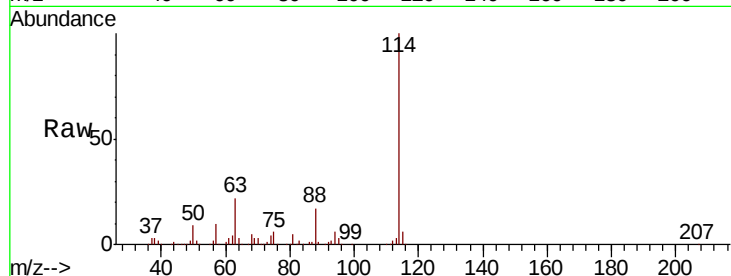




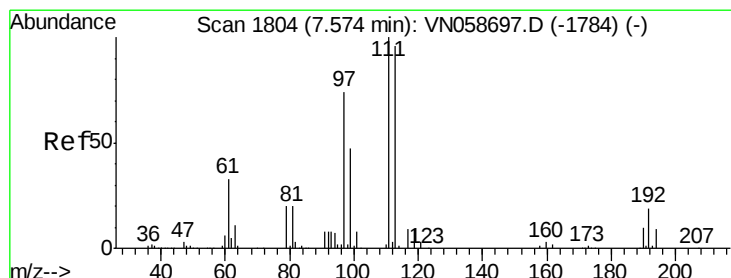
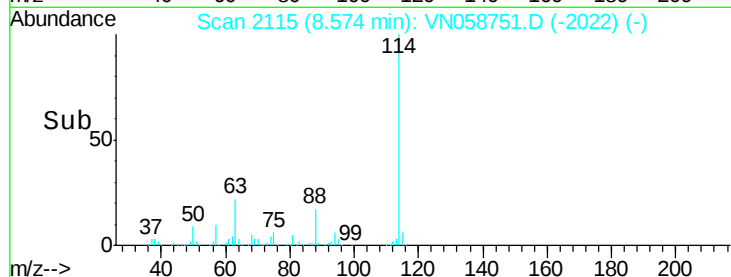
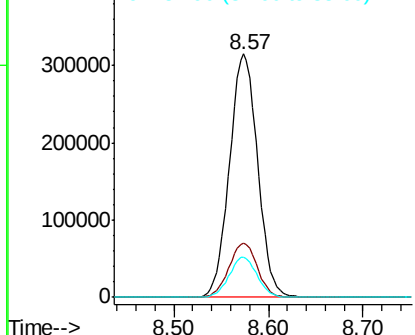
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058751.D
Acq: 14 Oct 2019 15:49

Instrument :
MSVOA_N
ClientSampleId :
20190891-FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.8
88	16.5	0.0	32.0

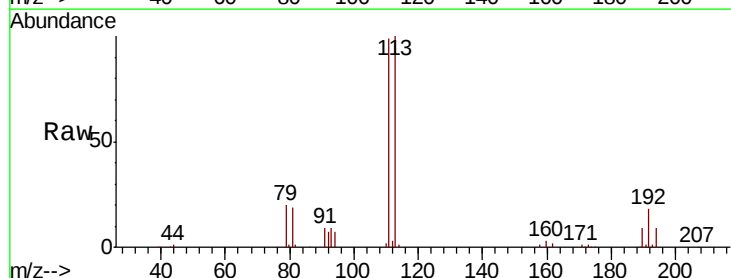


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

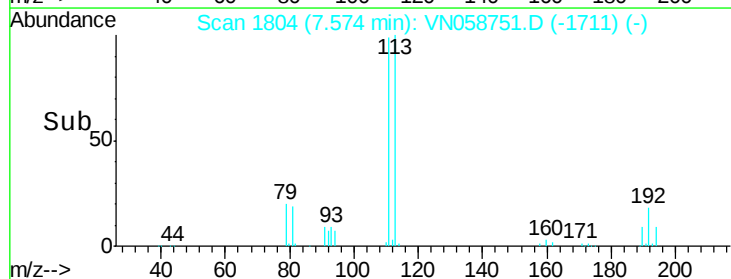
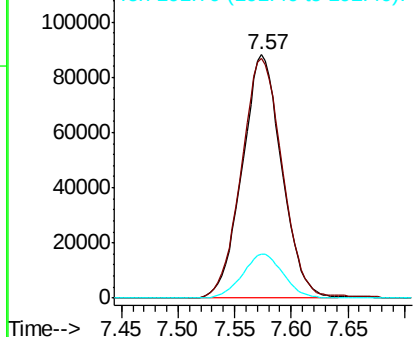


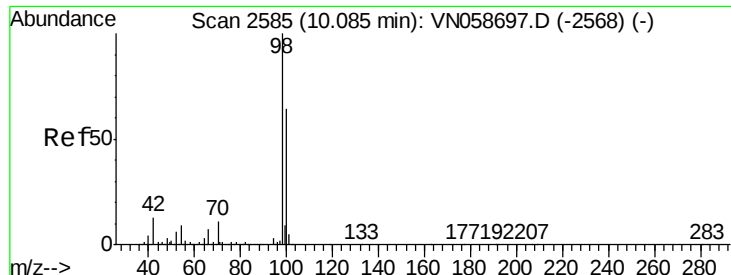
#35
Dibromofluoromethane
Concen: 53.138 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058751.D
Acq: 14 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	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





#50

Toluene-d8

Concen: 49.063 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058751.D

Acq: 14 Oct 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

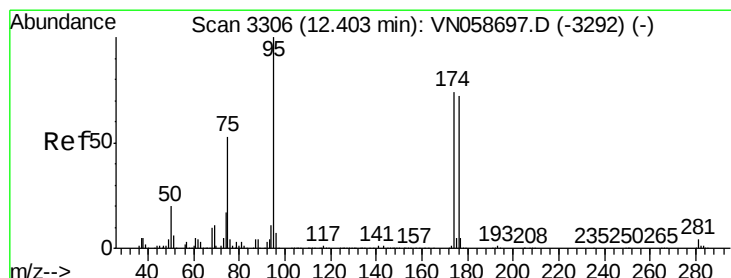
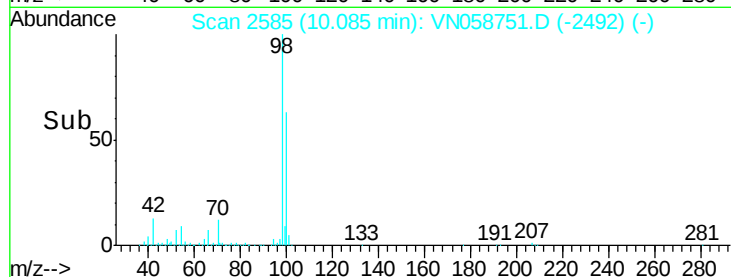
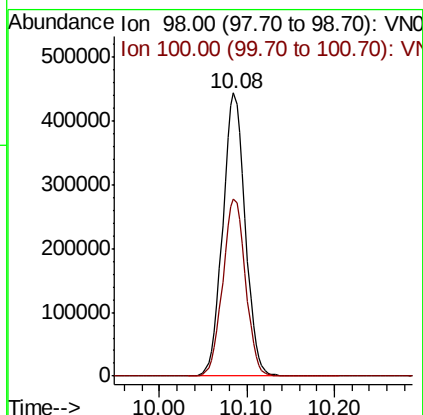
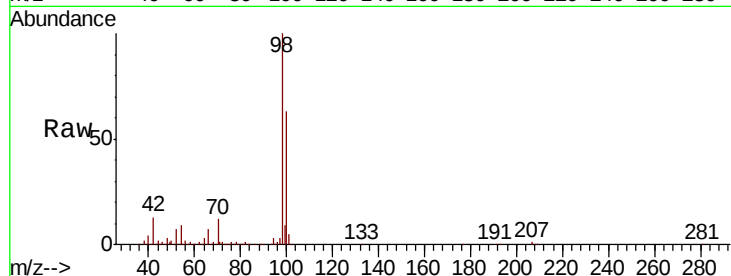
20190891-FIELD-BLANK

Tot Ion: 98 Resp: 791777

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.088 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058751.D

Acq: 14 Oct 2019 15:49

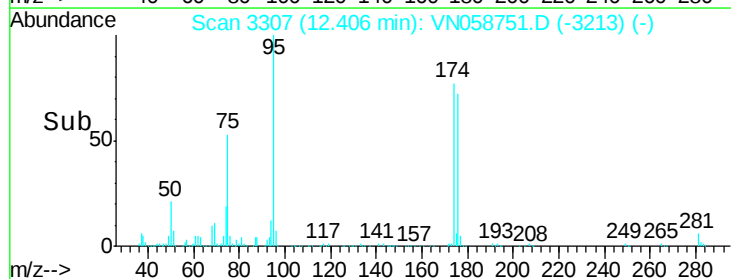
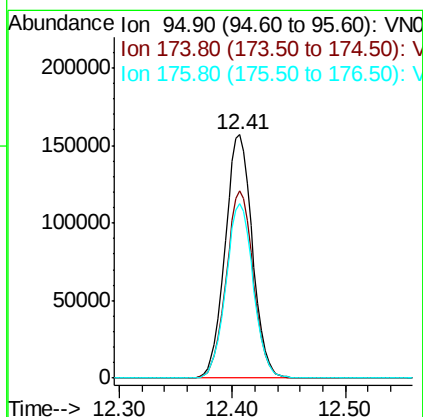
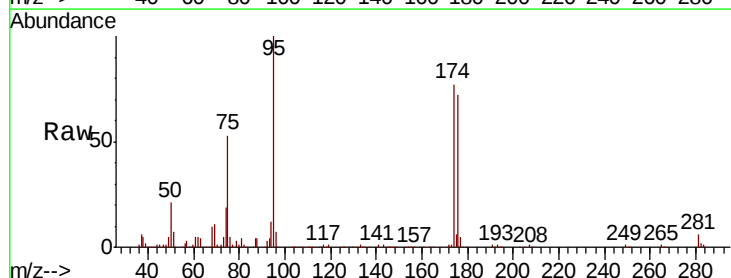
Tgt Ion: 95 Resp: 263209

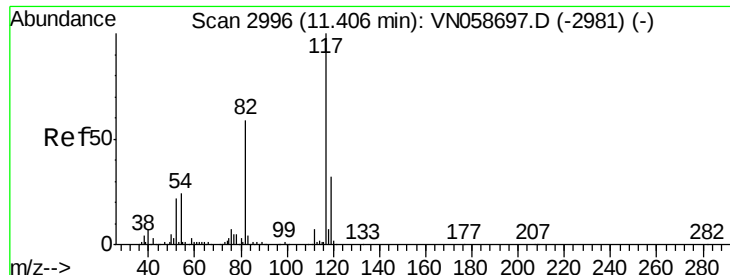
Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.4

176 72.0 0.0 146.8

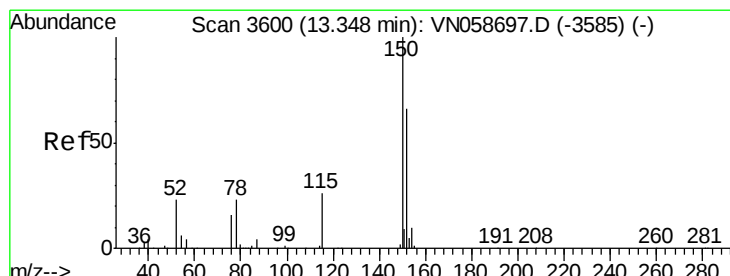
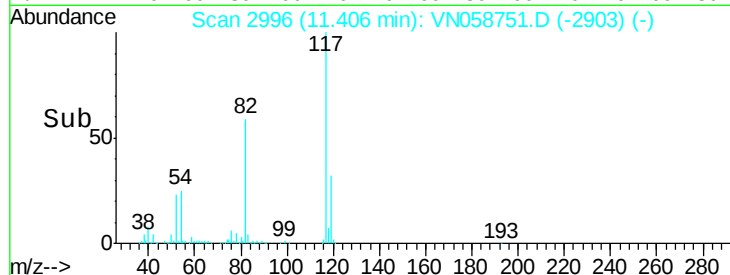
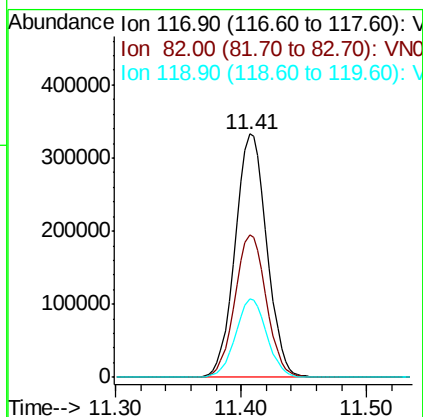
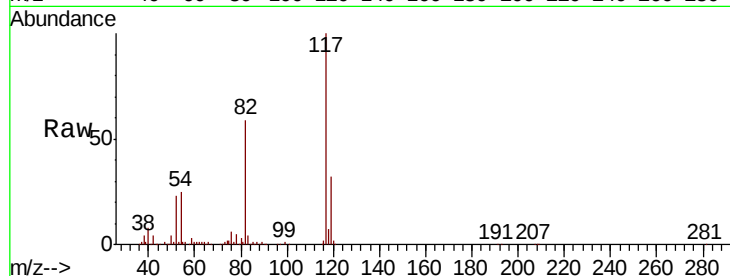




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058751.D
Acq: 14 Oct 2019 15:49

Instrument :
MSVOA_N
ClientSampleId :
20190891-FIELD-BLANK

Tot Ion:117 Resp: 583093
Ion Ratio Lower Upper
117 100
82 58.6 47.0 70.4
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058751.D
Acq: 14 Oct 2019 15:49

Tgt Ion:152 Resp: 234664
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.2
150 157.9 0.0 345.4

