

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058711.D
 Acq On : 11 Oct 2019 18:55
 Operator : JC/SP
 Sample : K5349-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Oct 12 00:52:12 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	426308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	674453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	593218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243306	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	306121	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
35) Dibromofluoromethane	7.57	113	219083	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	10.08	98	854092	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.41	95	283871	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	

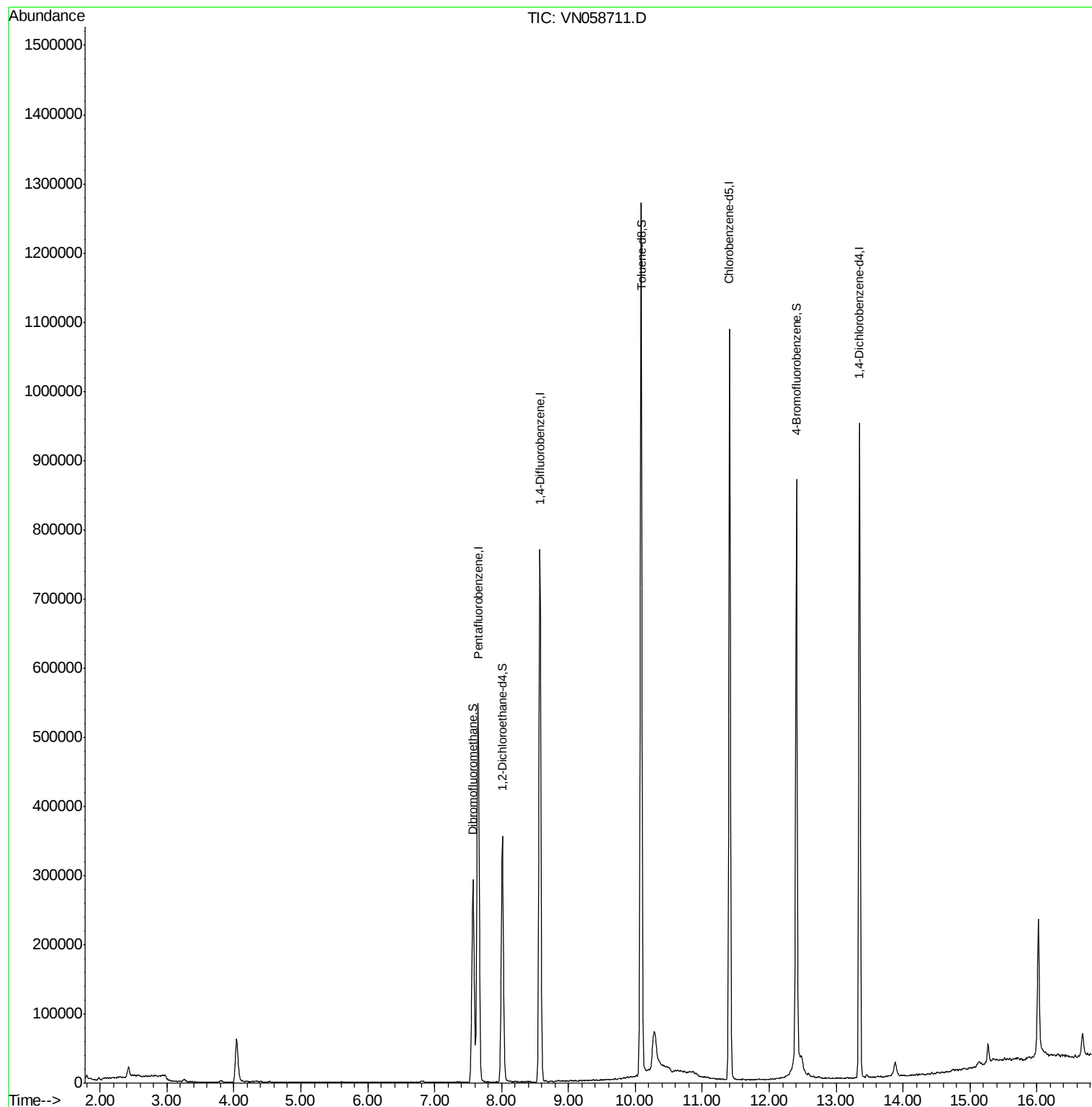
Target Compounds	Qvalue

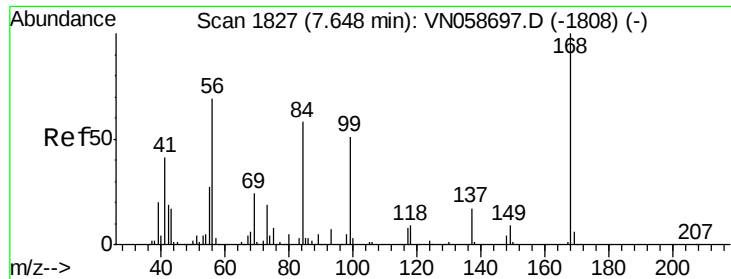
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058711.D

Acq: 11 Oct 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

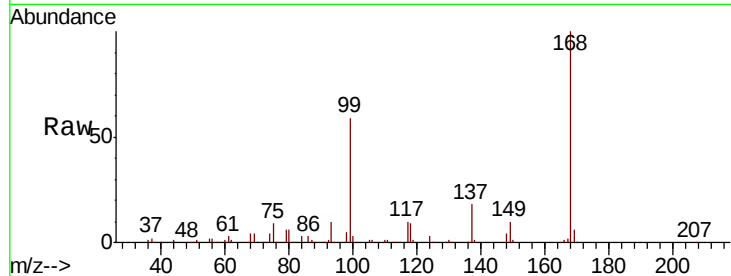
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 426308

Ion Ratio Lower Upper

168 100

99 58.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

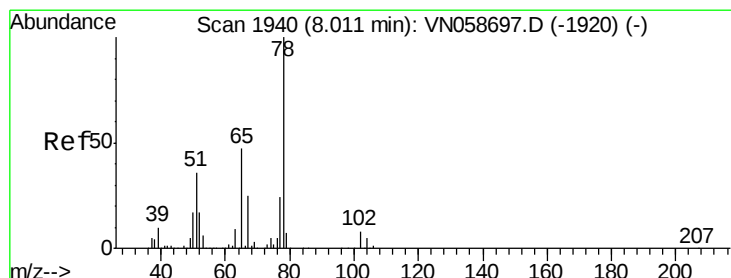
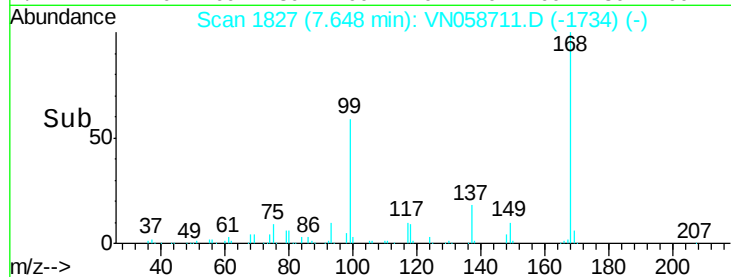
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 51.292 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058711.D

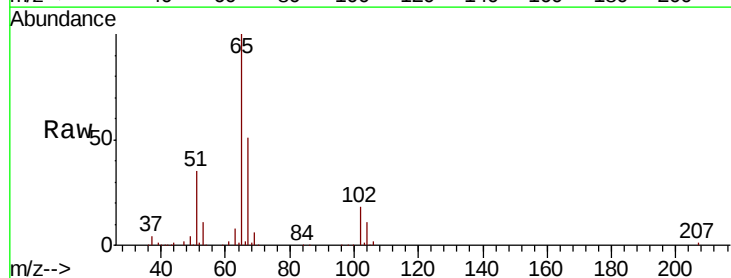
Acq: 11 Oct 2019 18:55

Tgt Ion: 65 Resp: 306121

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

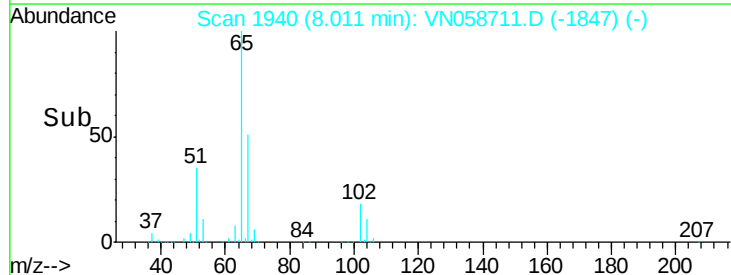
150000

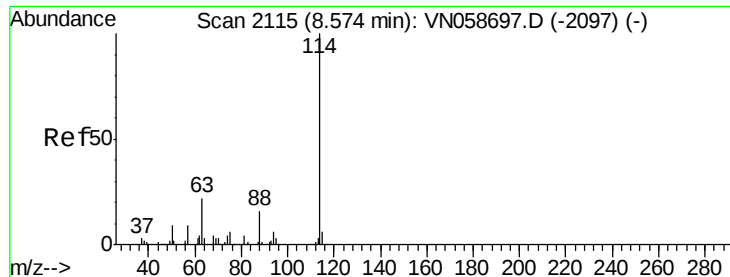
100000

50000

0

Time--> 7.90 8.00 8.10

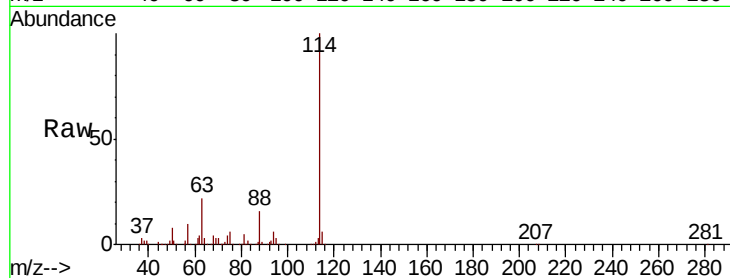




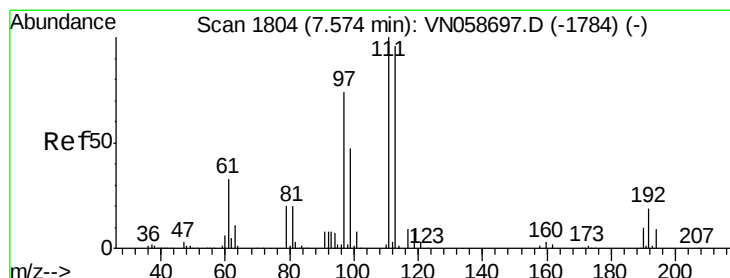
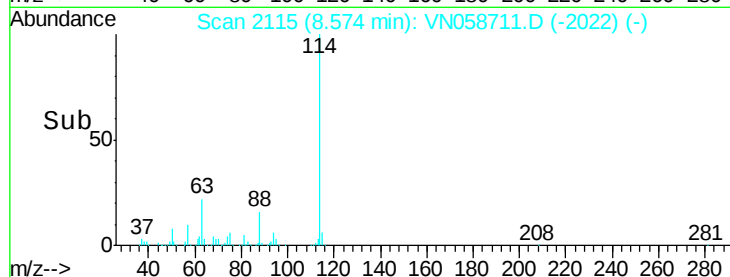
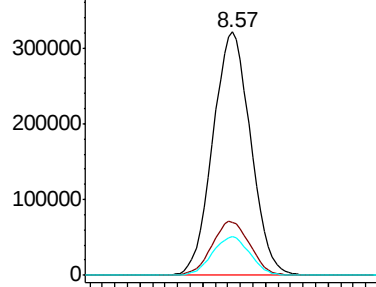
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058711.D
 Acq: 11 Oct 2019 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tot Ion:114 Resp: 674453
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.8
 88 15.7 0.0 32.0

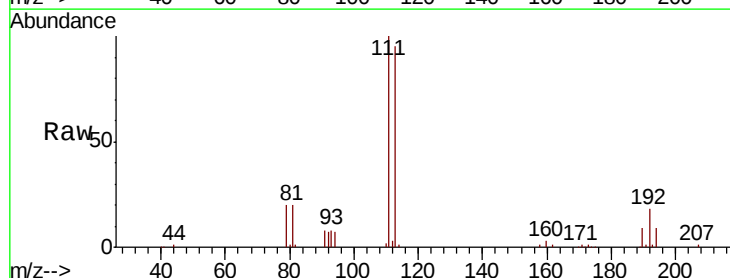


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

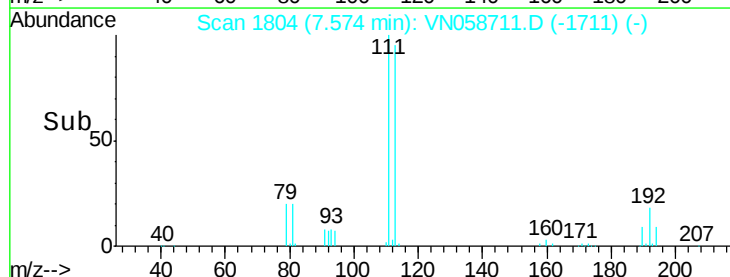
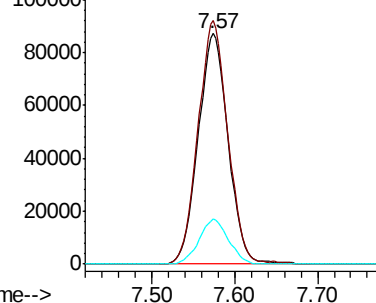


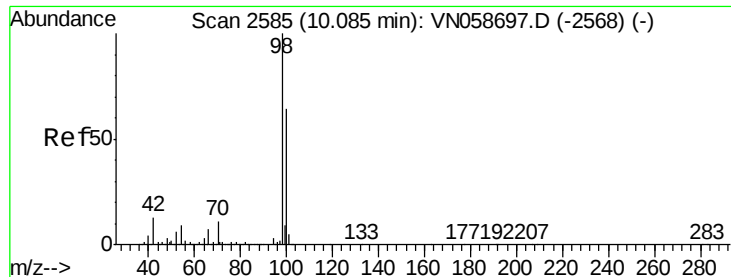
#35
 Dibromofluoromethane
 Concen: 52.589 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058711.D
 Acq: 11 Oct 2019 18:55

Tgt Ion:113 Resp: 219083
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.3 123.5
 192 19.1 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: 51.269 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058711.D

Acq: 11 Oct 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

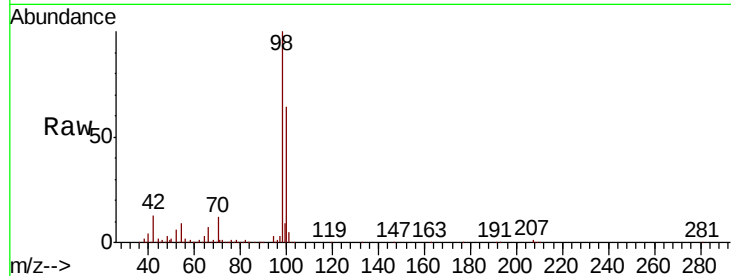
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 854092

Ion Ratio Lower Upper

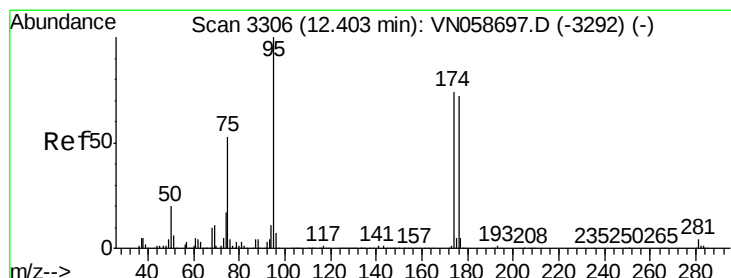
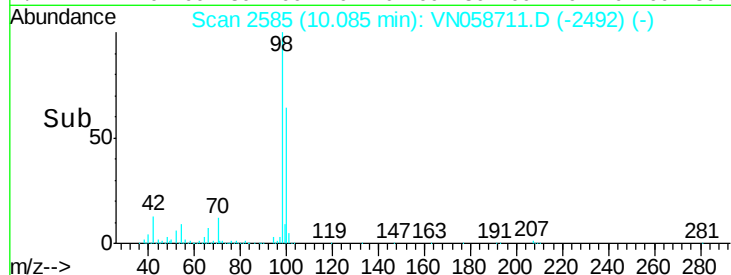
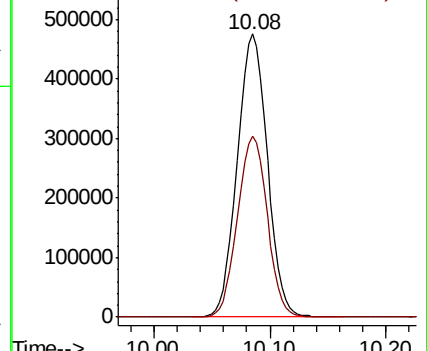
98 100

100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 45.017 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058711.D

Acq: 11 Oct 2019 18:55

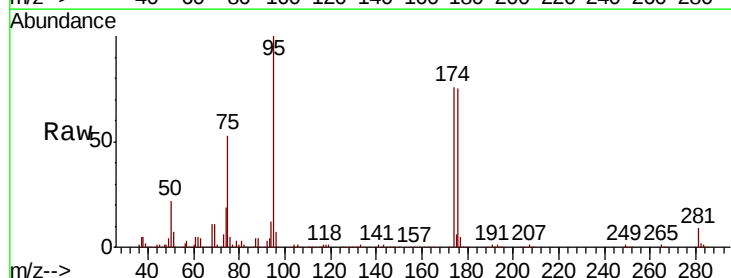
Tgt Ion: 95 Resp: 283871

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.4

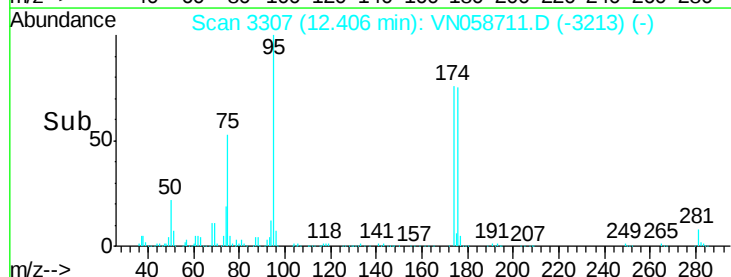
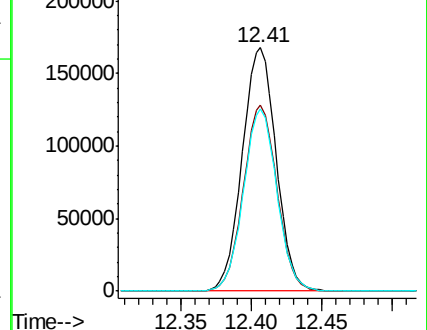
176 73.9 0.0 146.8

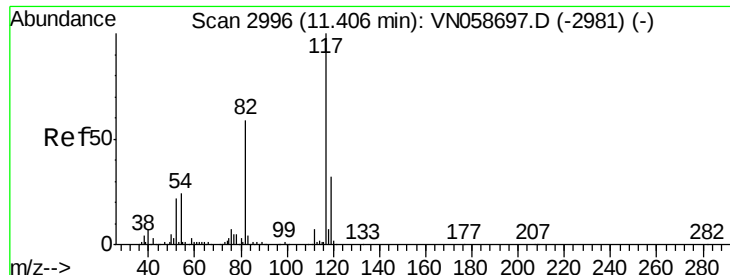


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

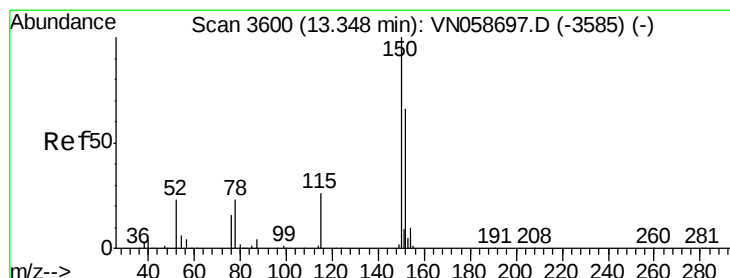
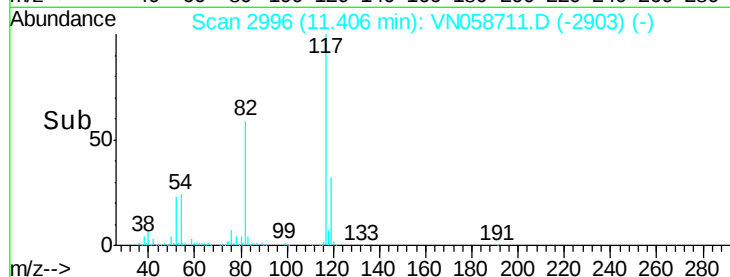
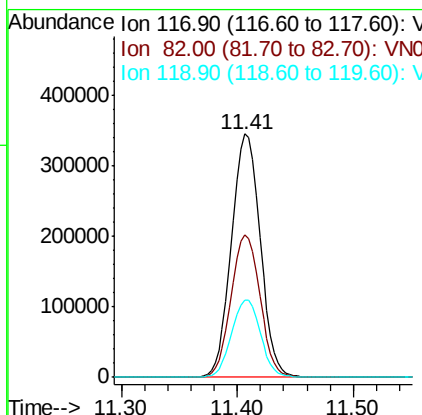
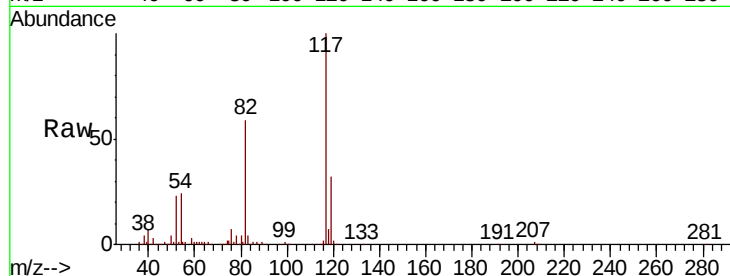




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058711.D
Acq: 11 Oct 2019 18:55

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.0	70.4
119	31.9	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: VN058711.D
Acq: 11 Oct 2019 18:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	30.4	91.2
150	155.1	0.0	345.4

