

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055431.D
 Acq On : 7 May 2019 12:33
 Operator : JC/SP
 Sample : VN0507WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBL01

Quant Time: May 08 06:37:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	471550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	732216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	578131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146803	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	294699	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	7.59	113	232415	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.09	98	852231	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.40	95	234888	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	

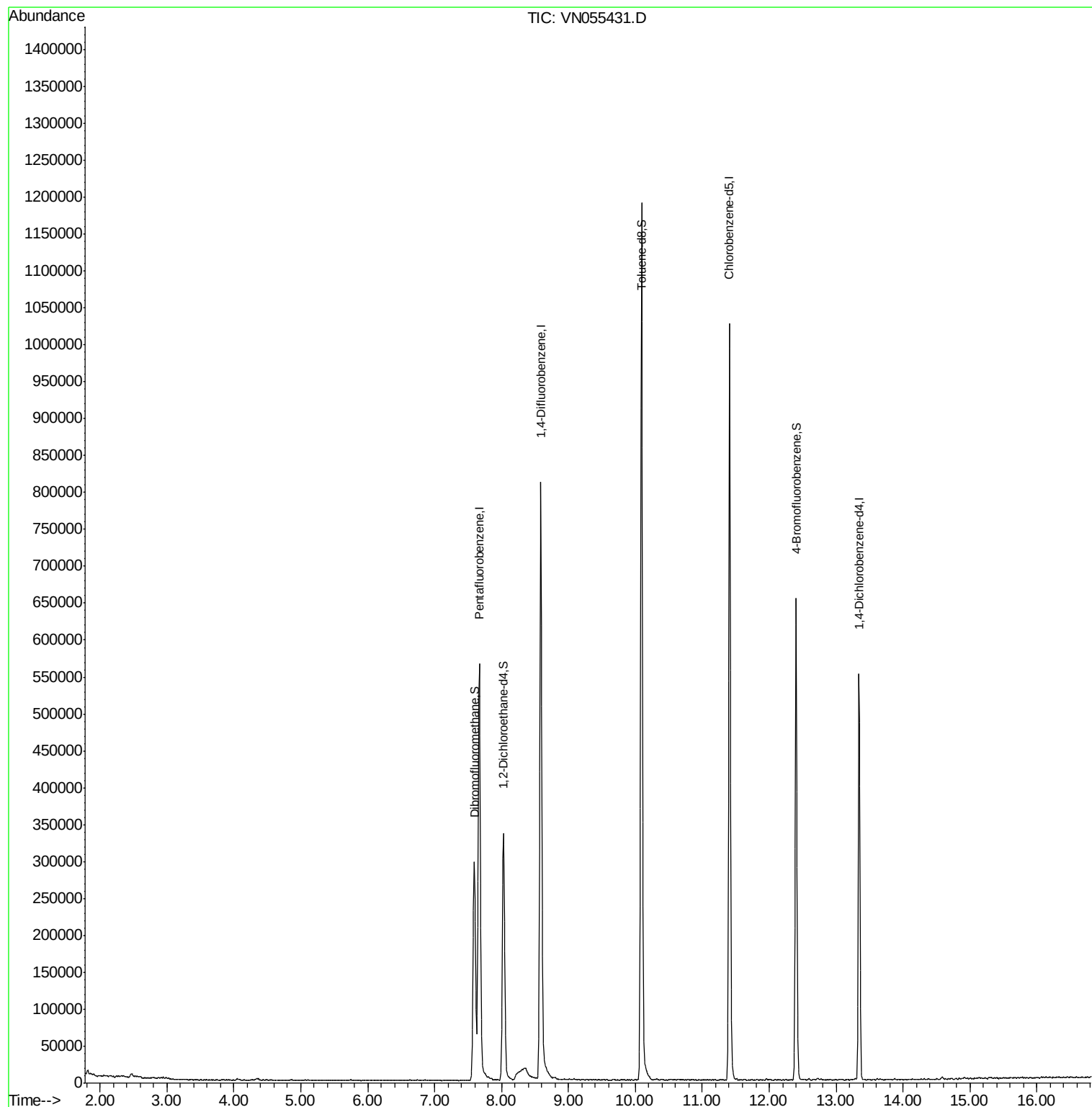
Target Compounds	Qvalue

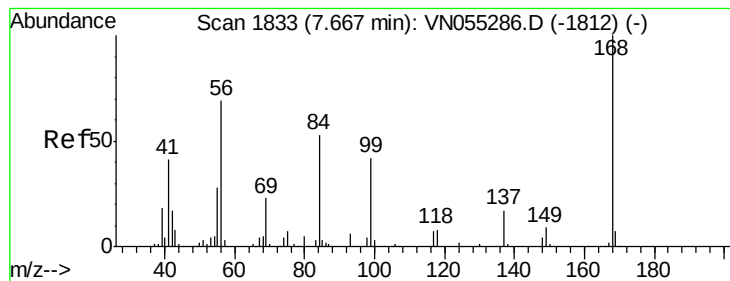
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055431.D

Acq: 7 May 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

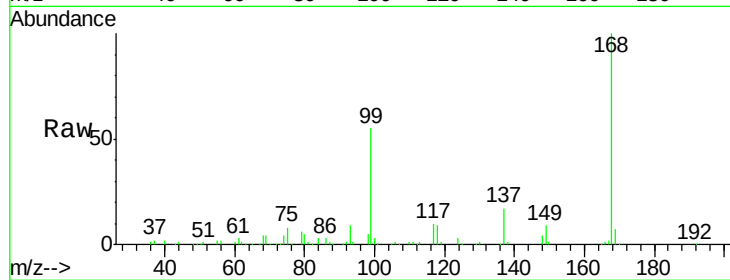
VN0507WBL01

Tot Ion:168 Resp: 471550

Ion Ratio Lower Upper

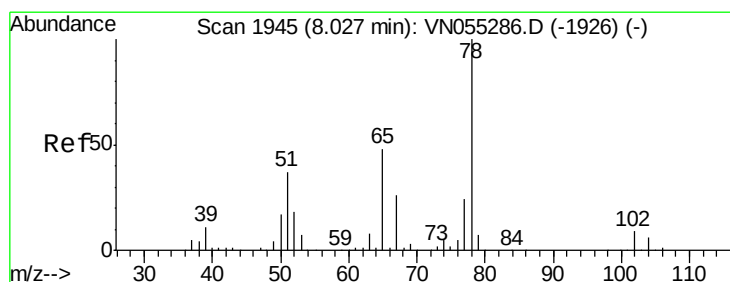
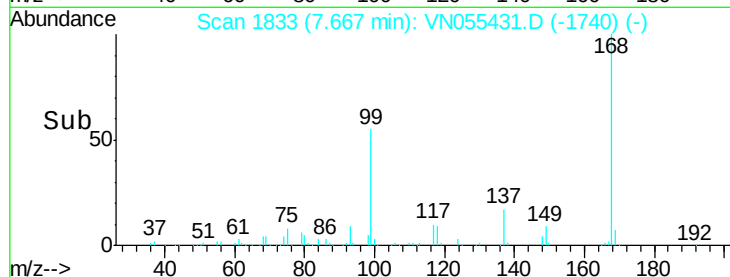
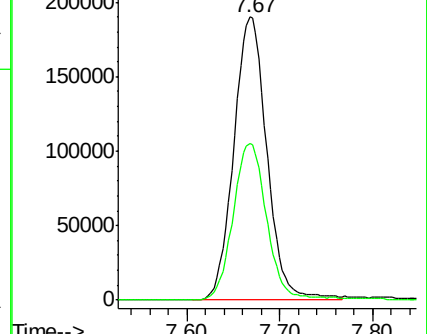
168 100

99 55.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.771 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055431.D

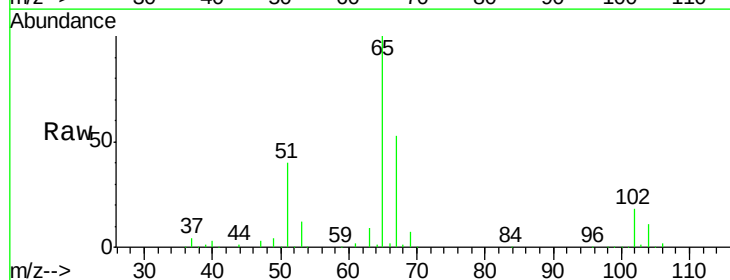
Acq: 7 May 2019 12:33

Tgt Ion: 65 Resp: 294699

Ion Ratio Lower Upper

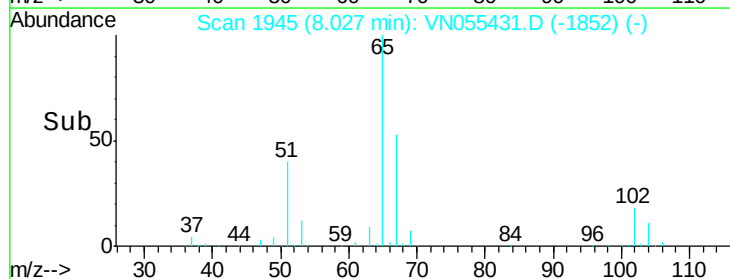
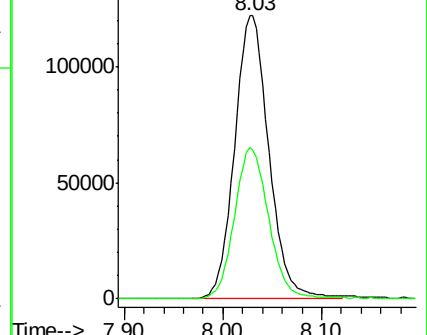
65 100

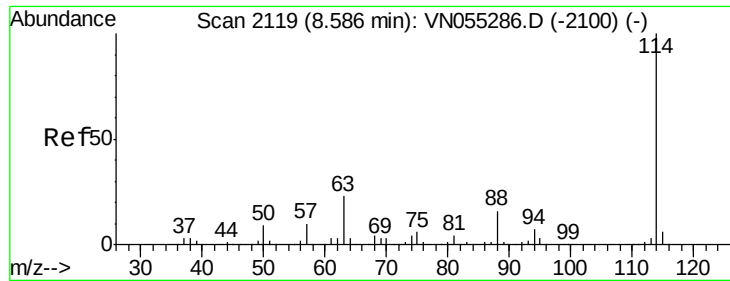
67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055431.D

Acq: 7 May 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBL01

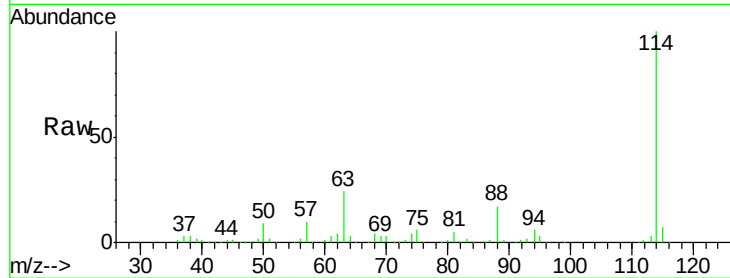
Tot Ion:114 Resp: 732216

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.2

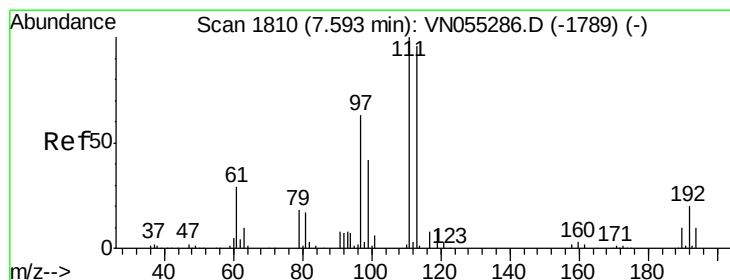
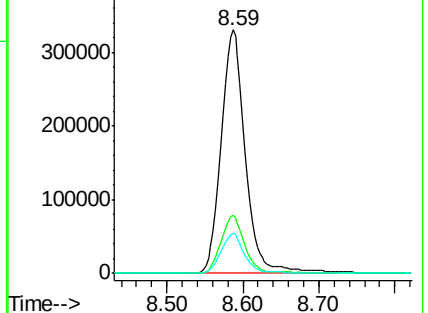
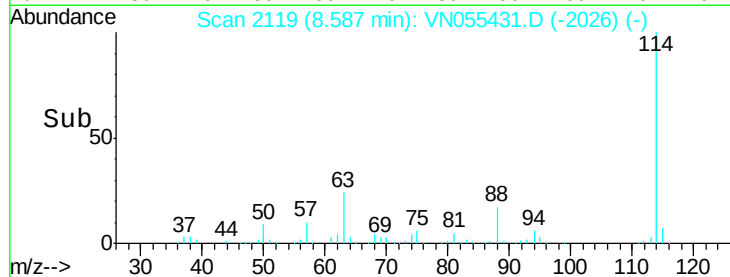
88 16.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.359 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055431.D

Acq: 7 May 2019 12:33

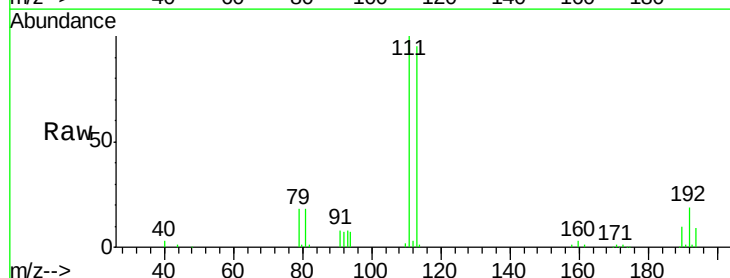
Tgt Ion:113 Resp: 232415

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

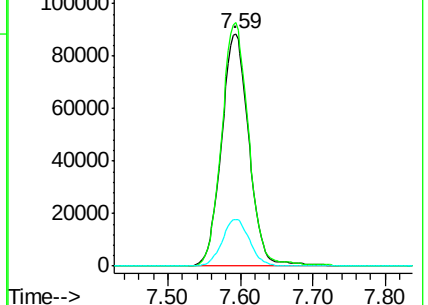
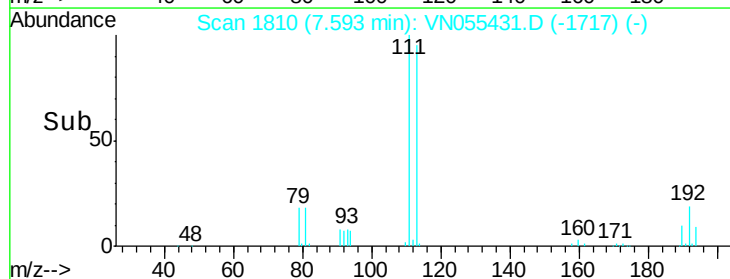
192 20.1 17.0 25.6

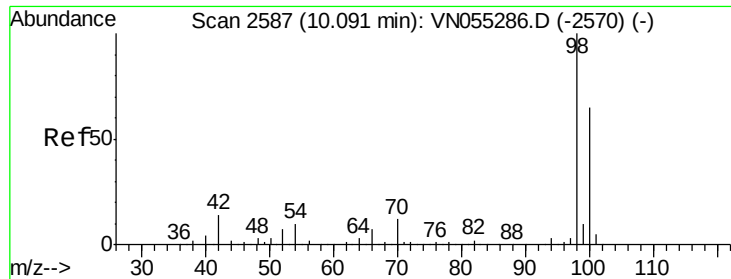


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.109 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055431.D

Acq: 7 May 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

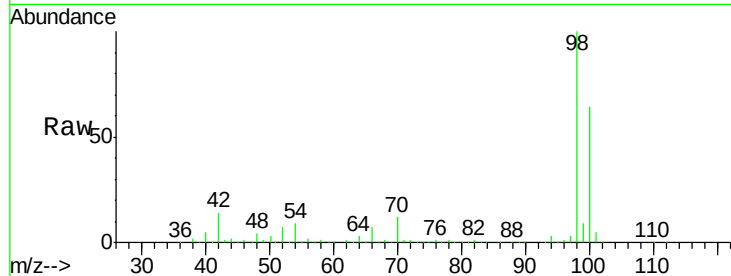
VN0507WBL01

Tot Ion: 98 Resp: 852231

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

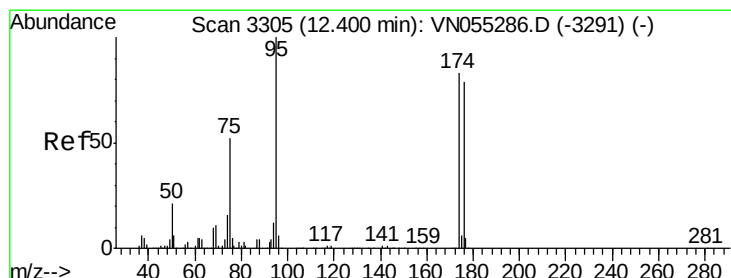
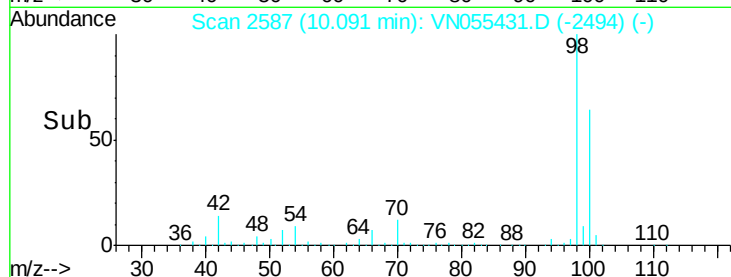
200000

100000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 43.307 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055431.D

Acq: 7 May 2019 12:33

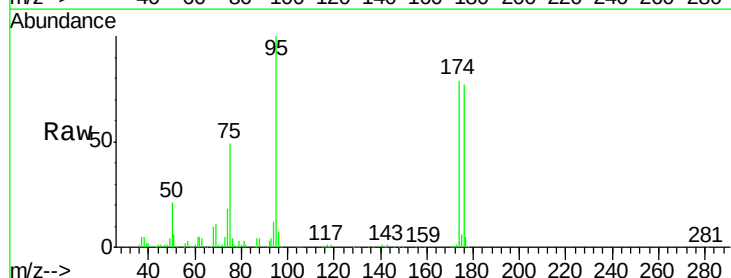
Tgt Ion: 95 Resp: 234888

Ion Ratio Lower Upper

95 100

174 81.5 0.0 166.6

176 78.0 0.0 157.8



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

12.40

150000

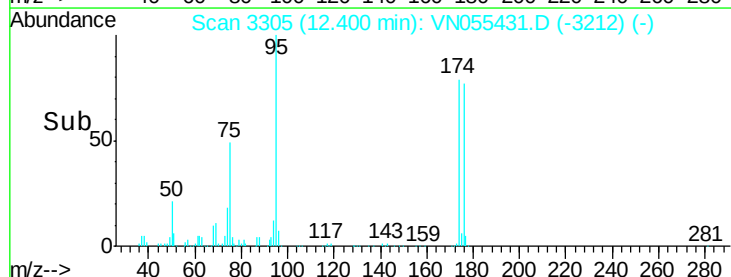
100000

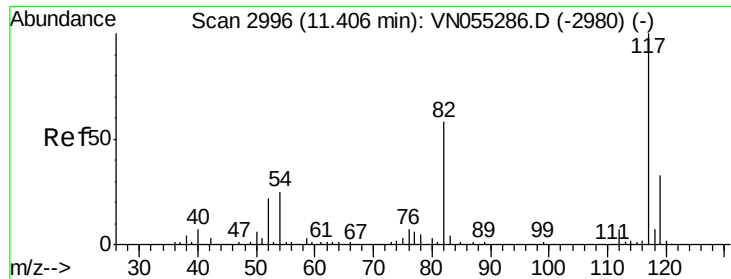
50000

0

Time-->

12.30 12.40 12.50

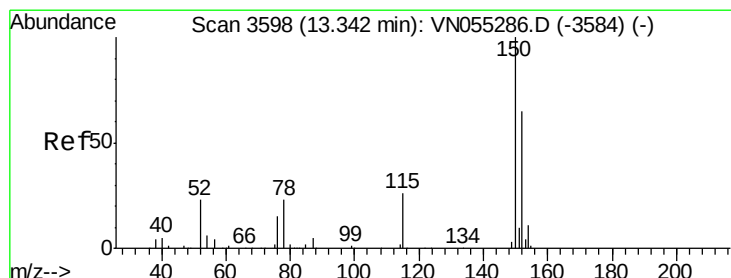
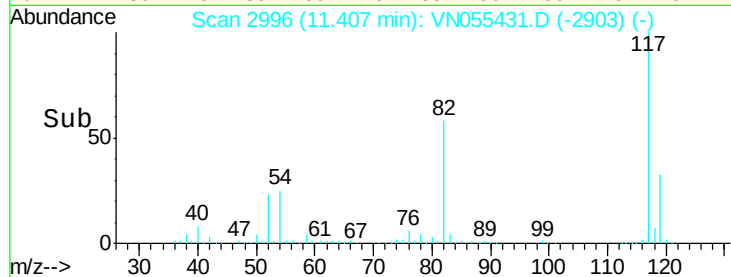
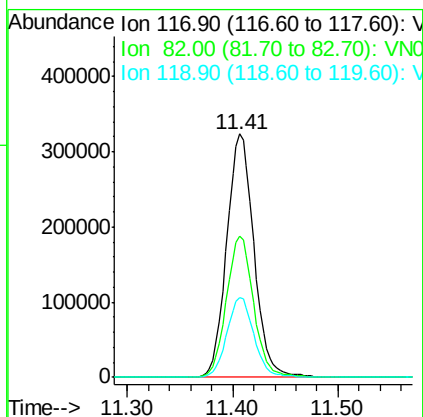
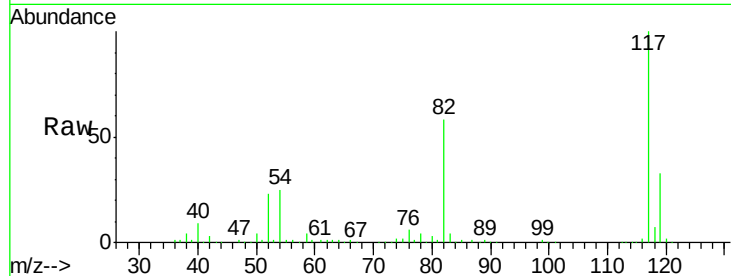




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055431.D
Acq: 7 May 2019 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBL01

Tot Ion:117 Resp: 578131
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 33.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055431.D
Acq: 7 May 2019 12:33

Tgt Ion:152 Resp: 146803
Ion Ratio Lower Upper
152 100
115 58.3 29.0 87.0
150 156.5 0.0 345.6

