

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052744.D
 Acq On : 10 Dec 2018 11:03
 Operator : MD\SY
 Sample : VN1210WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBL02

Quant Time: Dec 11 02:08:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1257446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1937601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1655916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	624569	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	641376	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	7.59	113	537584	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	
50) Toluene-d8	10.09	98	2334340	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	724270	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	

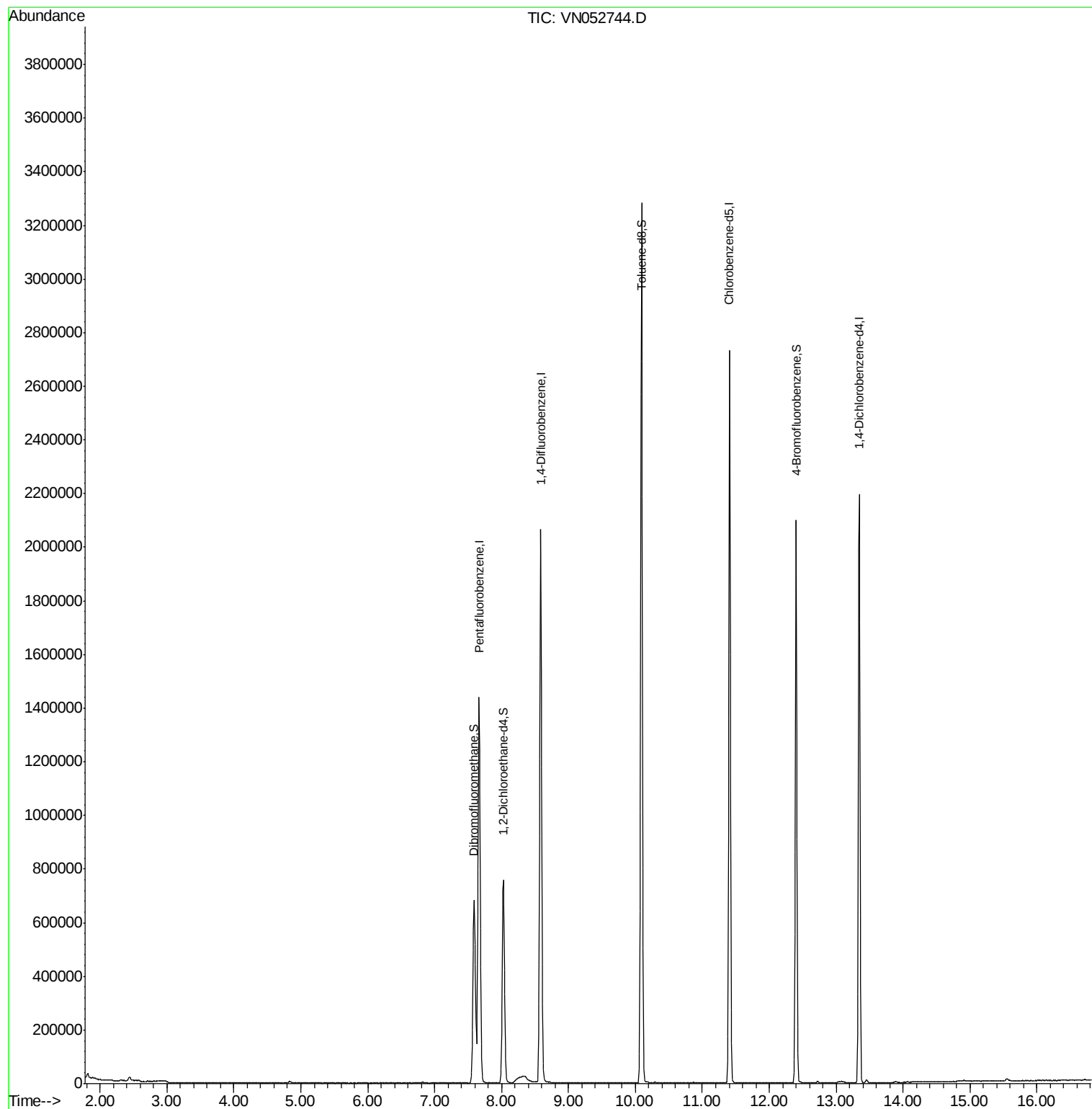
Target Compounds	Qvalue
------------------	--------

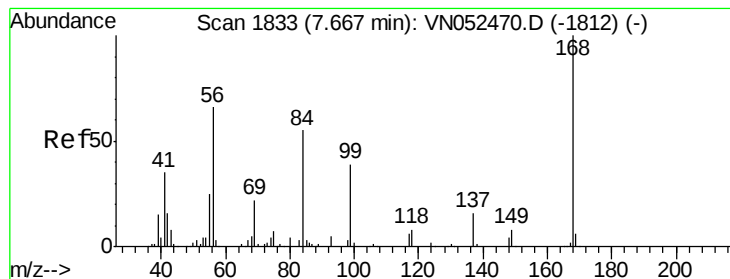
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121018\
Data File : VN052744.D
Acq On : 10 Dec 2018 11:03
Operator : MD\SY
Sample : VN1210WBL02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBL02

Quant Time: Dec 11 02:08:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052744.D

Acq: 10 Dec 2018 11:03

Instrument :

MSVOA_N

ClientSampleId :

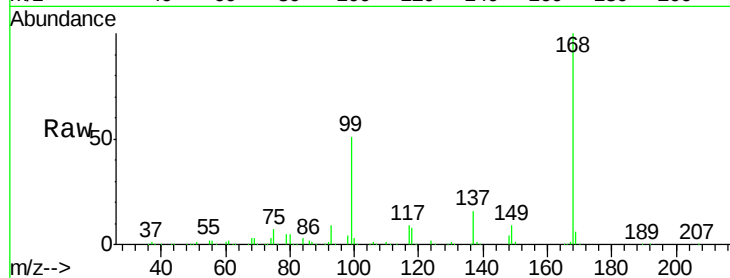
VN1210WBL02

Tot Ion:168 Resp: 1257446

Ion Ratio Lower Upper

168 100

99 51.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

600000

500000

400000

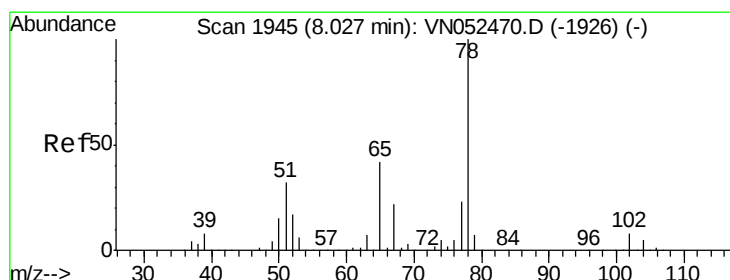
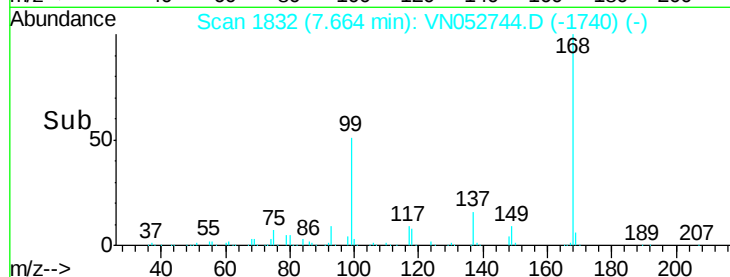
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN052744.D

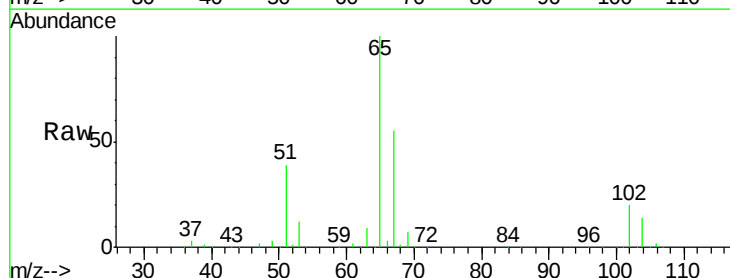
Acq: 10 Dec 2018 11:03

Tgt Ion: 65 Resp: 641376

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.02

300000

250000

200000

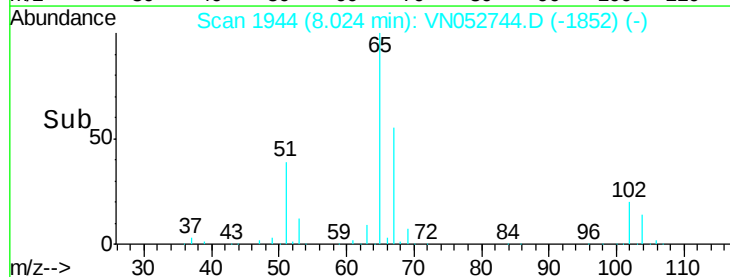
150000

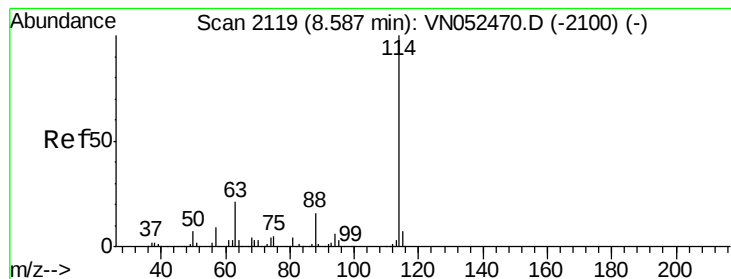
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN052744.D

Acq: 10 Dec 2018 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBL02

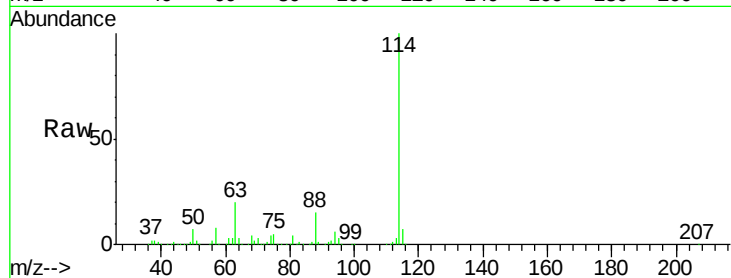
Tot Ion:114 Resp: 1937601

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.8

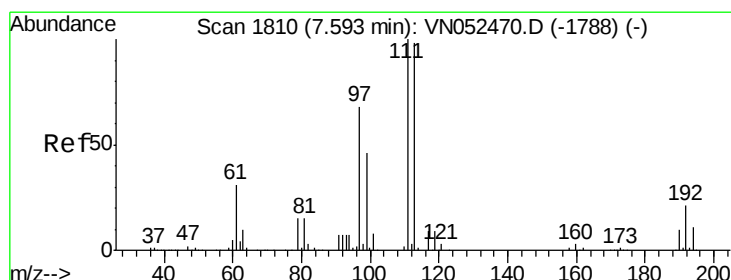
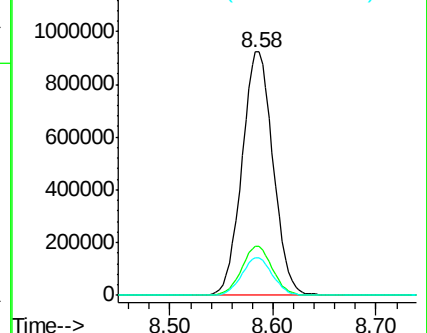
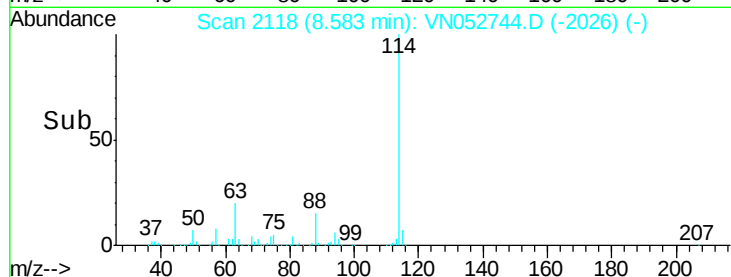
88 15.4 0.0 31.6



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: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052744.D

Acq: 10 Dec 2018 11:03

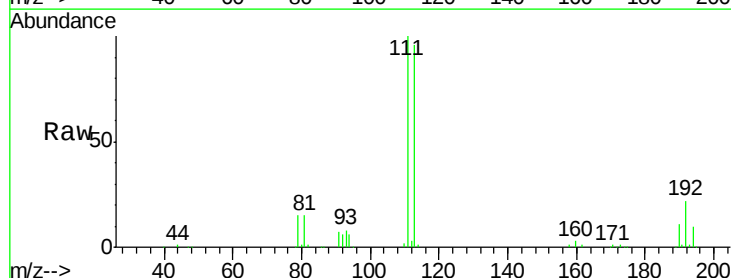
Tgt Ion:113 Resp: 537584

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

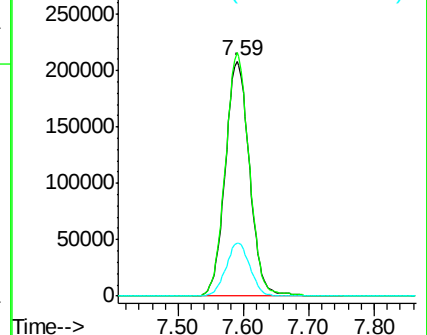
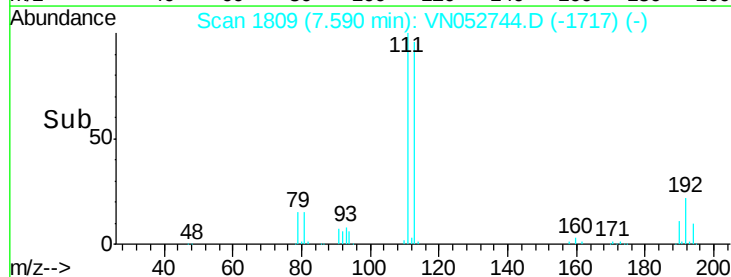
192 22.3 17.0 25.6

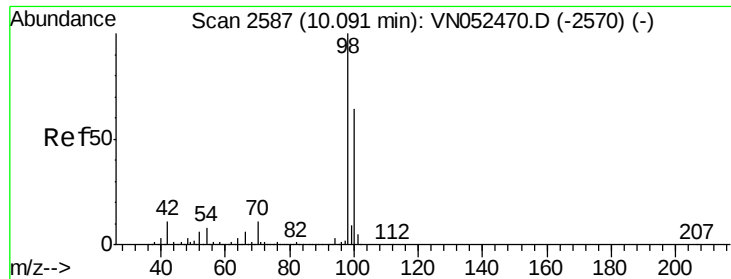


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052744.D

Acq: 10 Dec 2018 11:03

Instrument :

MSVOA_N

ClientSampleId :

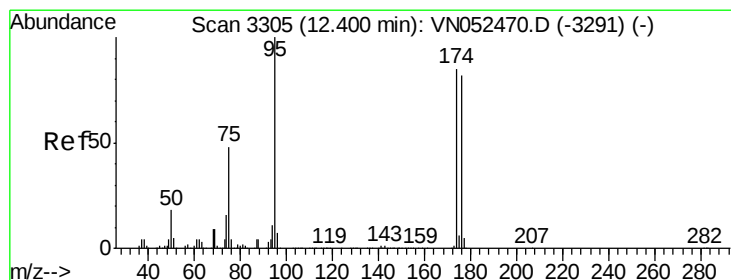
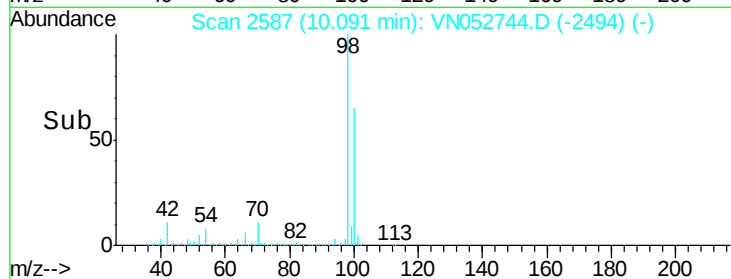
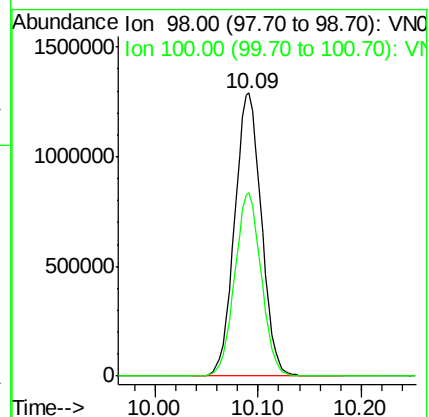
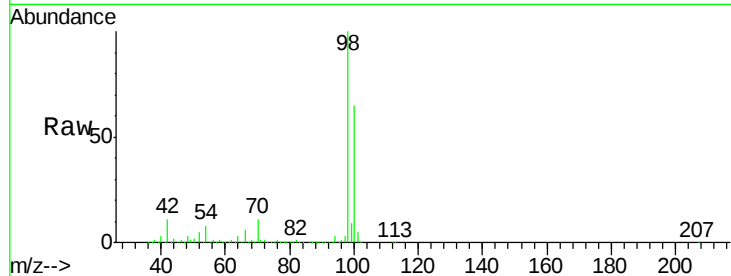
VN1210WBL02

Tot Ion: 98 Resp: 2334340

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052744.D

Acq: 10 Dec 2018 11:03

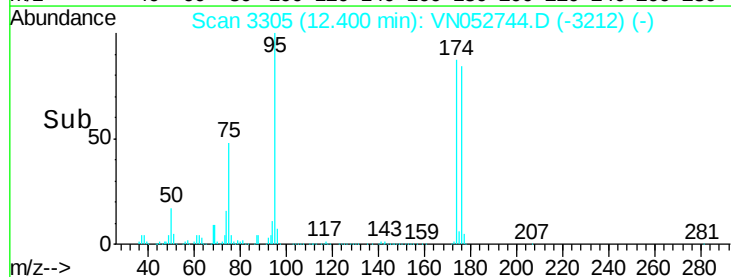
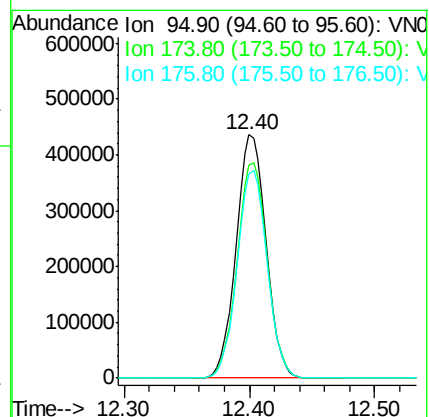
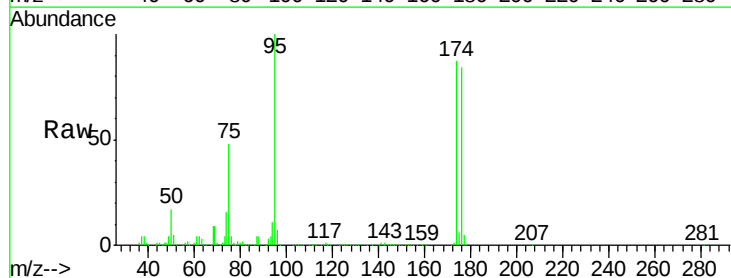
Tgt Ion: 95 Resp: 724270

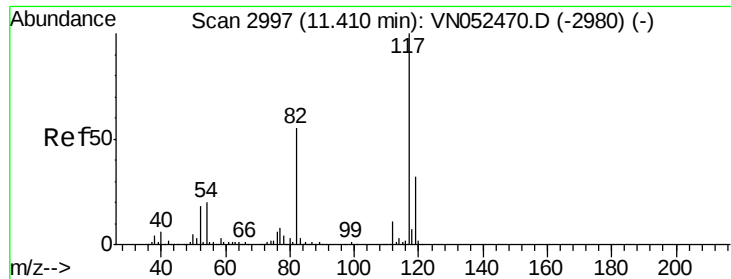
Ion Ratio Lower Upper

95 100

174 88.7 0.0 173.0

176 85.4 0.0 166.2

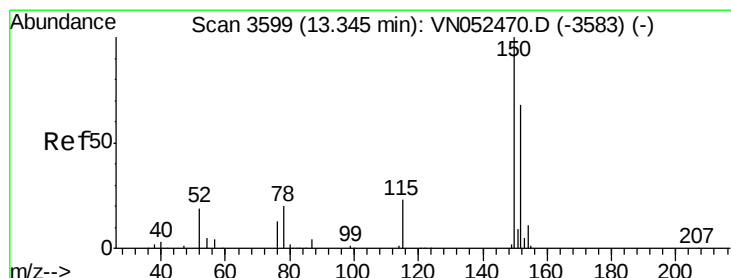
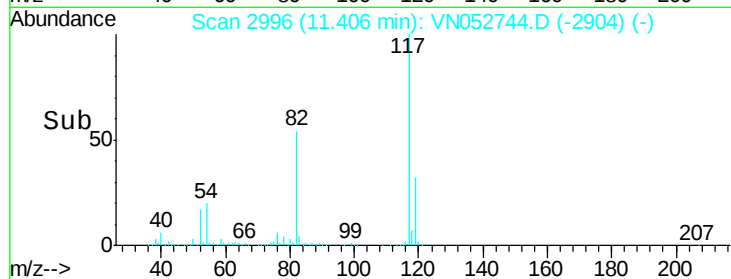
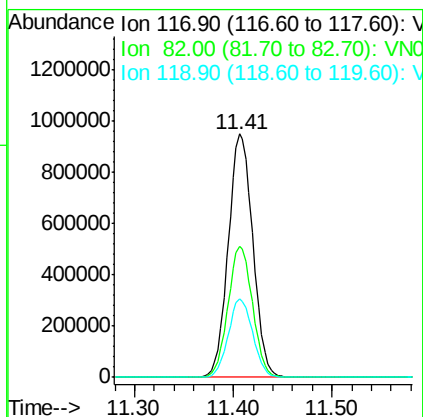
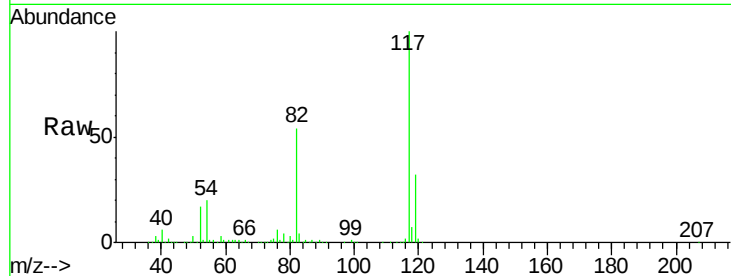




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052744.D
Acq: 10 Dec 2018 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBL02

Tot Ion:117 Resp: 1655916
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052744.D
Acq: 10 Dec 2018 11:03

Tgt Ion:152 Resp: 624569
Ion Ratio Lower Upper
152 100
115 56.9 28.4 85.2
150 156.6 0.0 346.0

