

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057774.D
 Acq On : 7 Sep 2019 23:55
 Operator : JC/SP
 Sample : VN0907WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBL02

Quant Time: Sep 08 07:24:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	191629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	308874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	281111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	145498	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	224999	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	7.58	113	137146	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	10.09	98	523049	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	188161	43.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.06%	

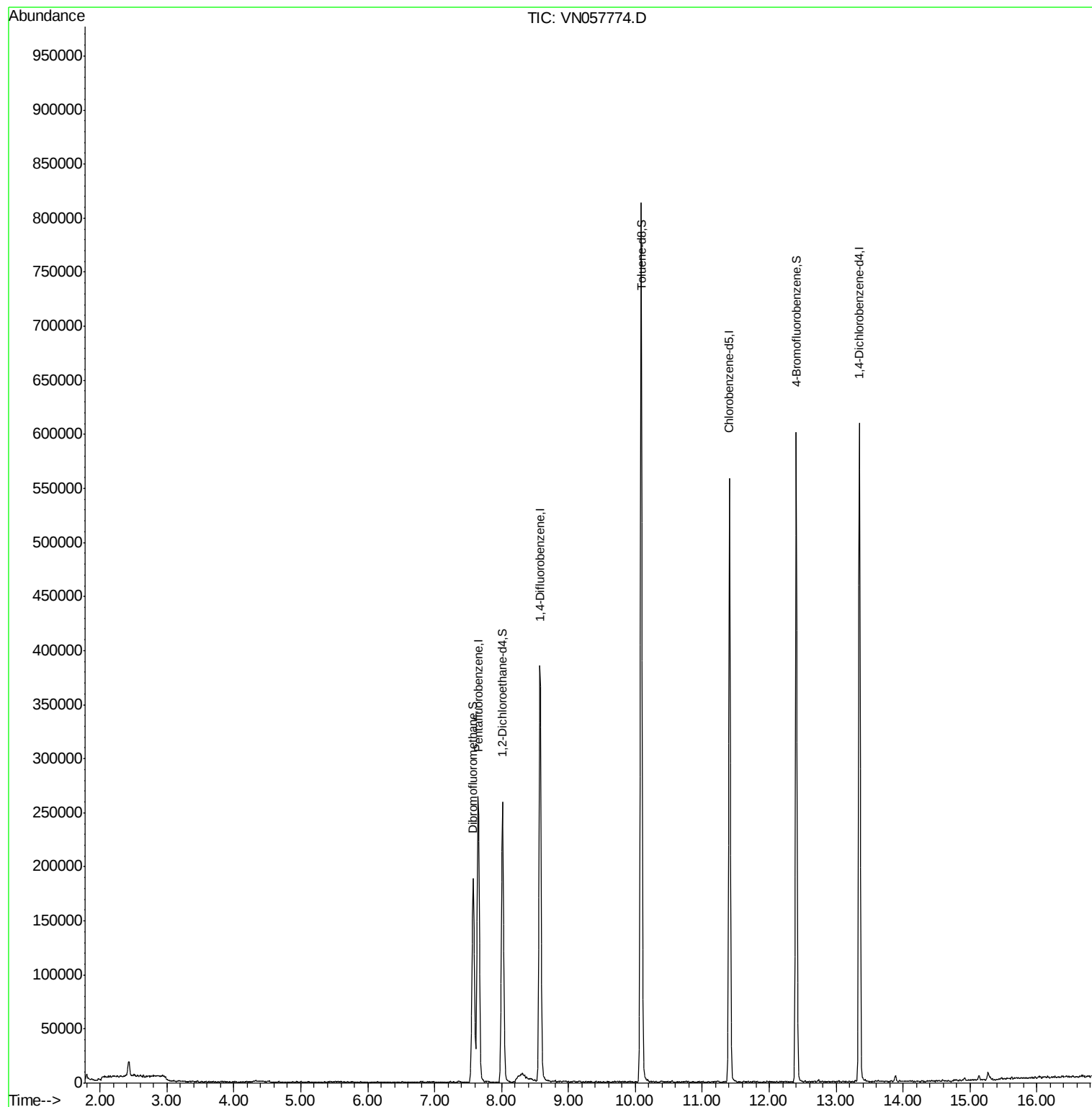
Target Compounds	Qvalue

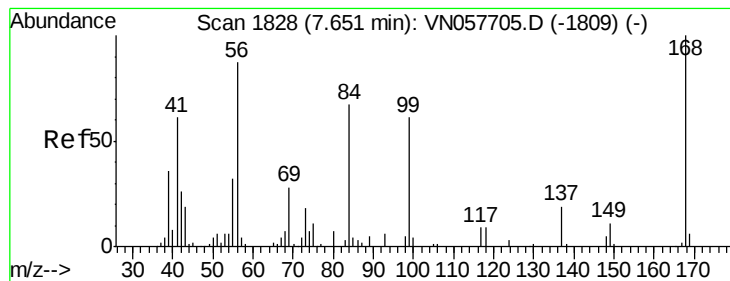
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057774.D

Acq: 7 Sep 2019 23:55

Instrument :

MSVOA_N

ClientSampleId :

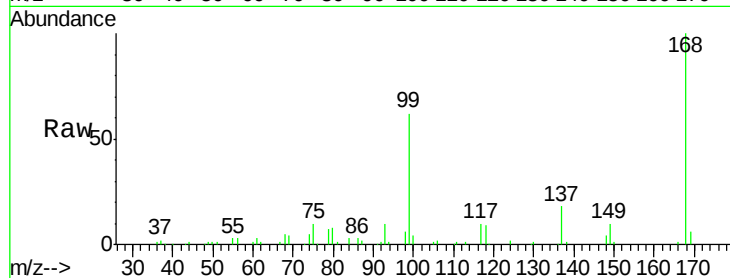
VN0907WBL02

Tot Ion:168 Resp: 191629

Ion Ratio Lower Upper

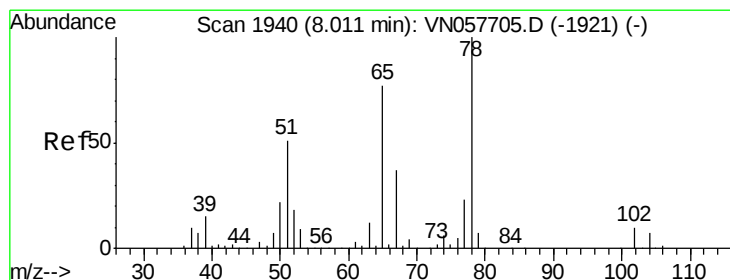
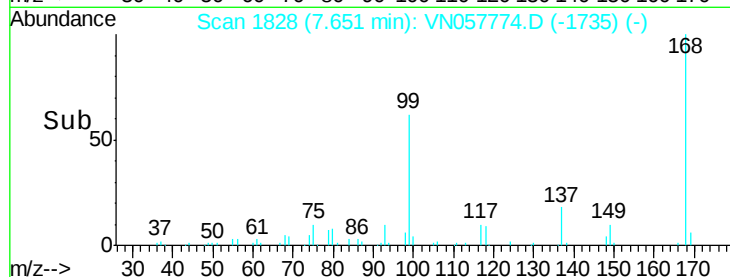
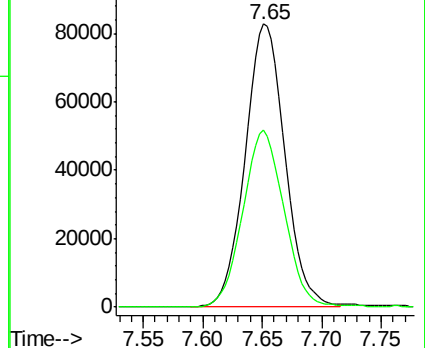
168 100

99 62.5 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 48.265 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057774.D

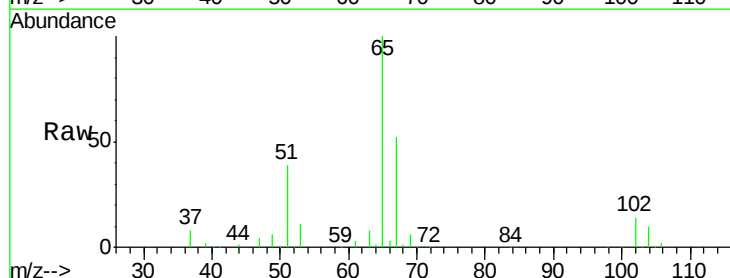
Acq: 7 Sep 2019 23:55

Tgt Ion: 65 Resp: 224999

Ion Ratio Lower Upper

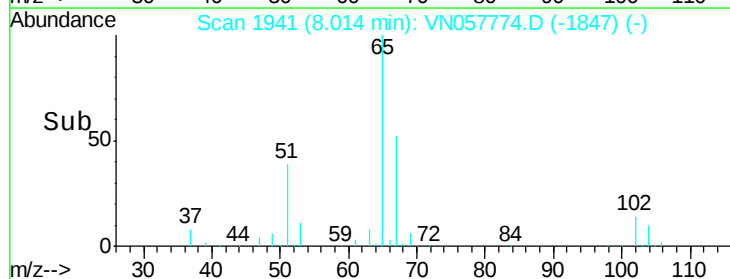
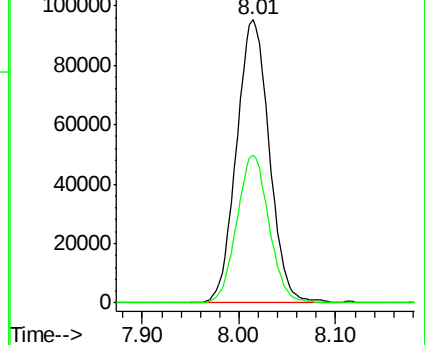
65 100

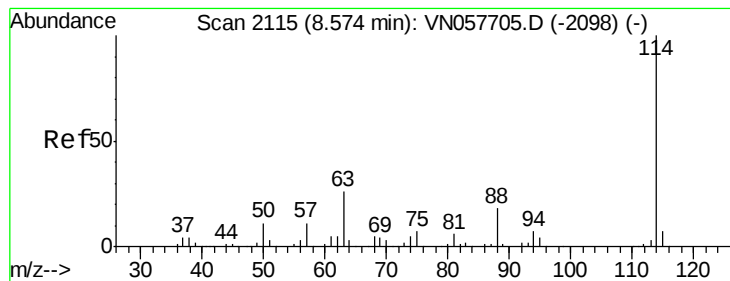
67 51.1 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057774.D

Acq: 7 Sep 2019 23:55

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBL02

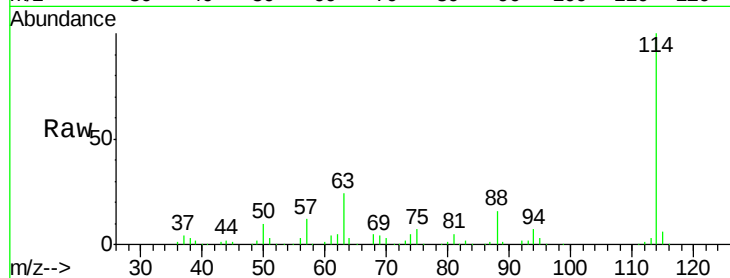
Tot Ion:114 Resp: 308874

Ion Ratio Lower Upper

114 100

63 24.3 0.0 52.4

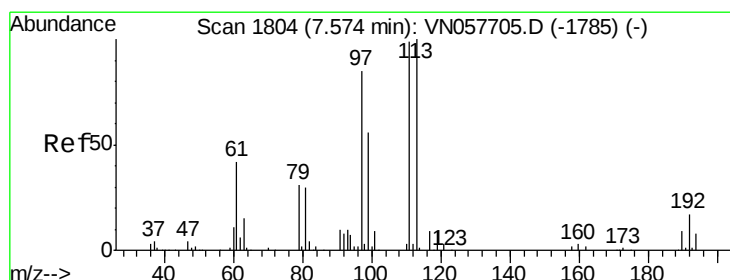
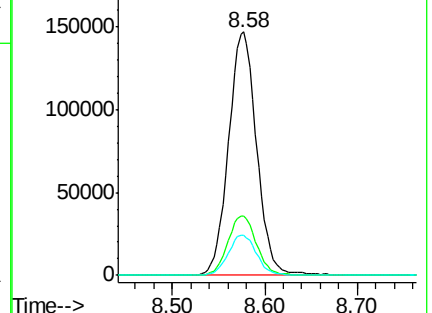
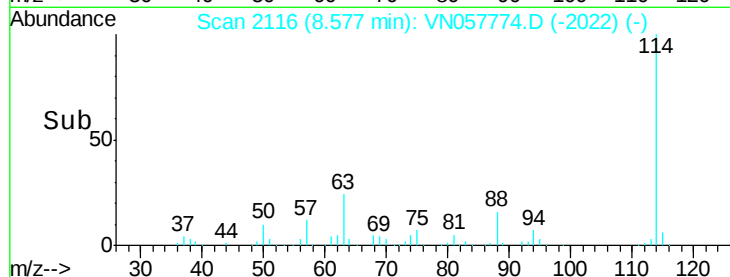
88 16.3 0.0 35.4



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: 48.748 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057774.D

Acq: 7 Sep 2019 23:55

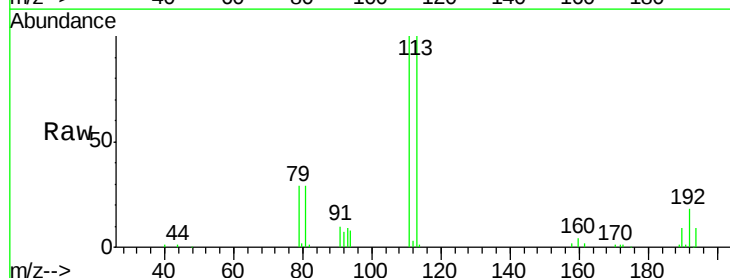
Tgt Ion:113 Resp: 137146

Ion Ratio Lower Upper

113 100

111 104.2 82.7 124.1

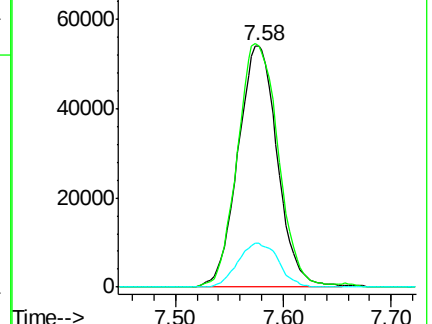
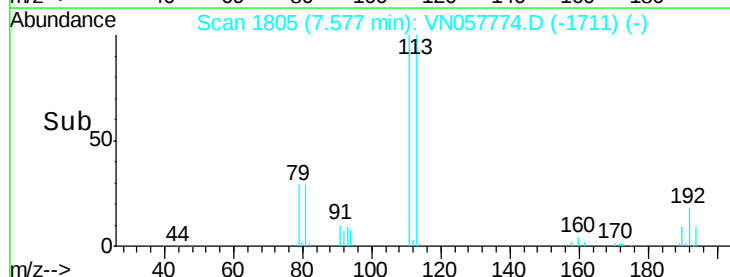
192 18.8 13.8 20.6

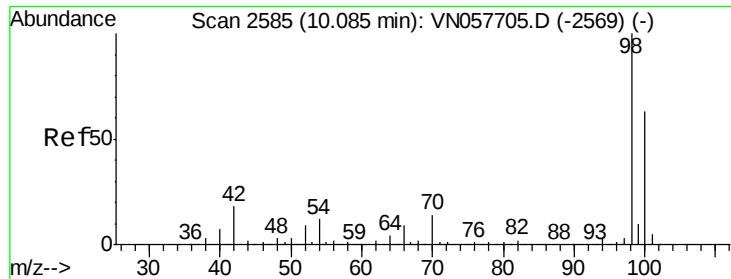


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.258 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057774.D

Acq: 7 Sep 2019 23:55

Instrument :

MSVOA_N

ClientSampleId :

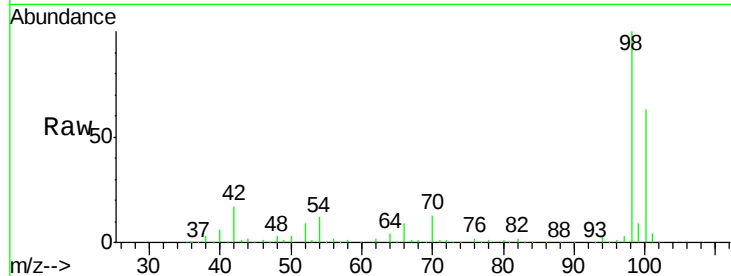
VN0907WBL02

Tot Ion: 98 Resp: 523049

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

300000

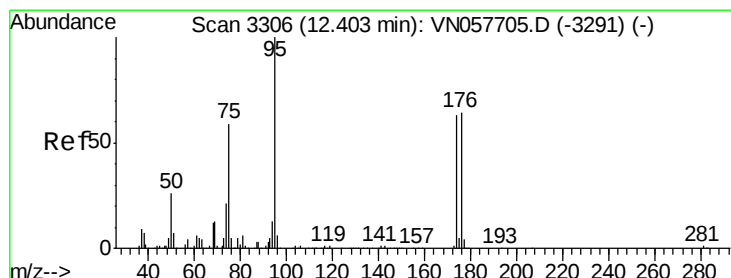
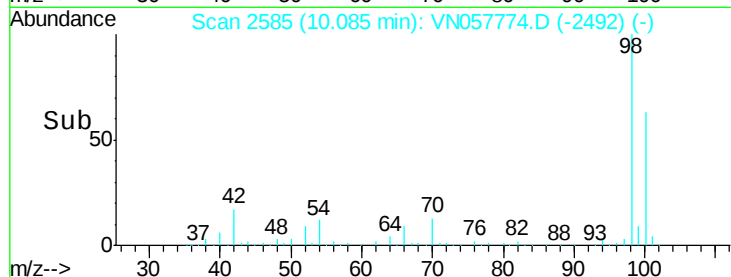
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 43.528 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057774.D

Acq: 7 Sep 2019 23:55

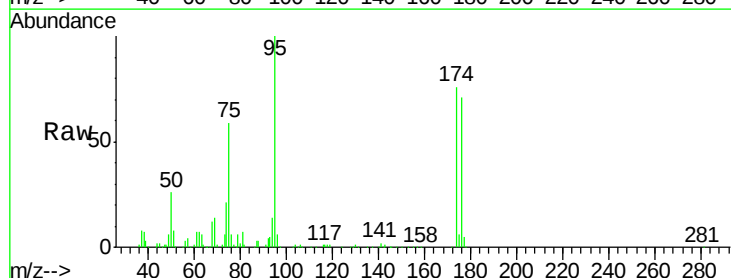
Tgt Ion: 95 Resp: 188161

Ion Ratio Lower Upper

95 100

174 75.7 0.0 128.0

176 70.2 0.0 128.0



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

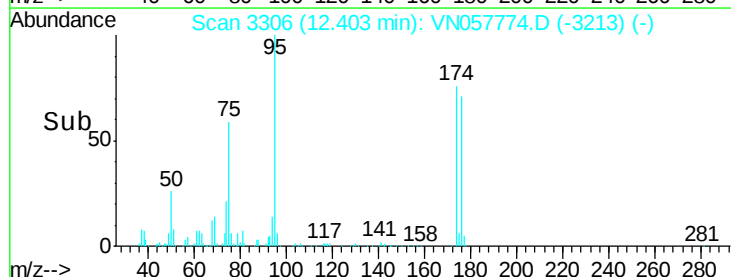
100000

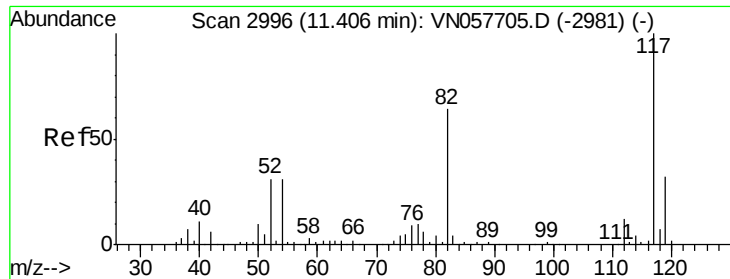
50000

0

Time-->

12.35 12.40 12.45

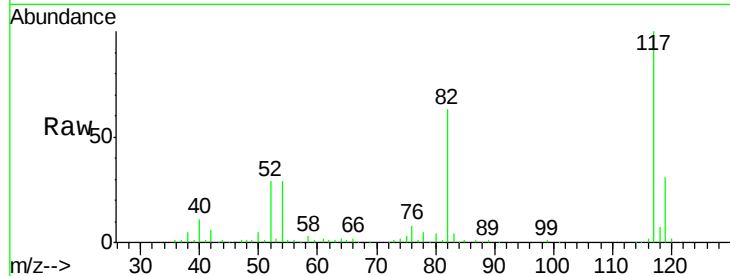




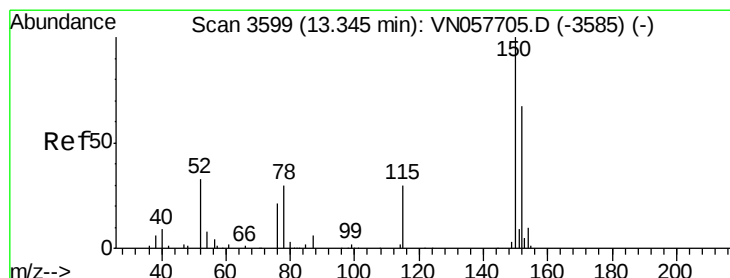
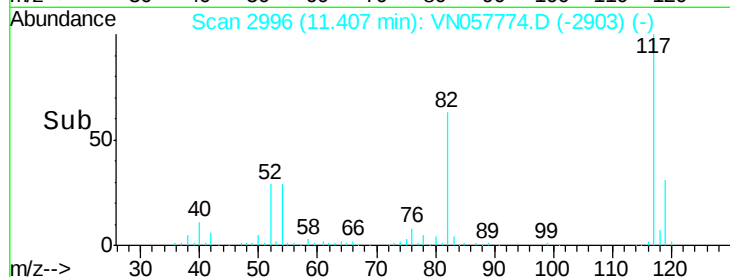
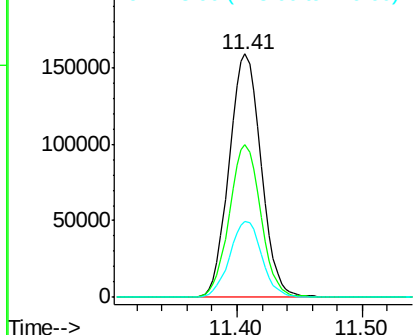
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057774.D
Acq: 7 Sep 2019 23:55

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL02

Tot Ion:117 Resp: 281111
Ion Ratio Lower Upper
117 100
82 62.9 51.4 77.0
119 31.1 25.4 38.2

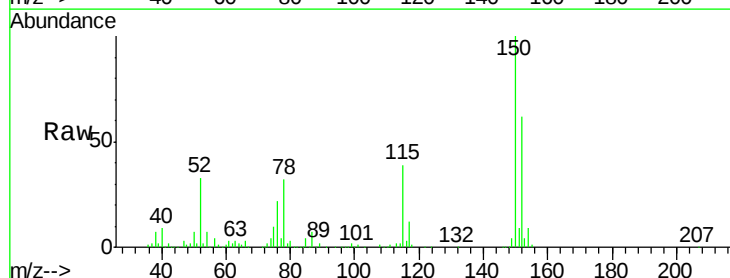


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057774.D
Acq: 7 Sep 2019 23:55

Tgt Ion:152 Resp: 145498
Ion Ratio Lower Upper
152 100
115 62.7 33.8 101.3
150 155.7 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

