

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\
 Data File : VN055568.D
 Acq On : 13 May 2019 10:29
 Operator : JC/SP
 Sample : VN0513WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBL01

Quant Time: May 14 02:04:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	804105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1362218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1144261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	301540	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	589015	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
35) Dibromofluoromethane	7.59	113	458072	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.09	98	1760396	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.40	95	502267	43.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.00%	

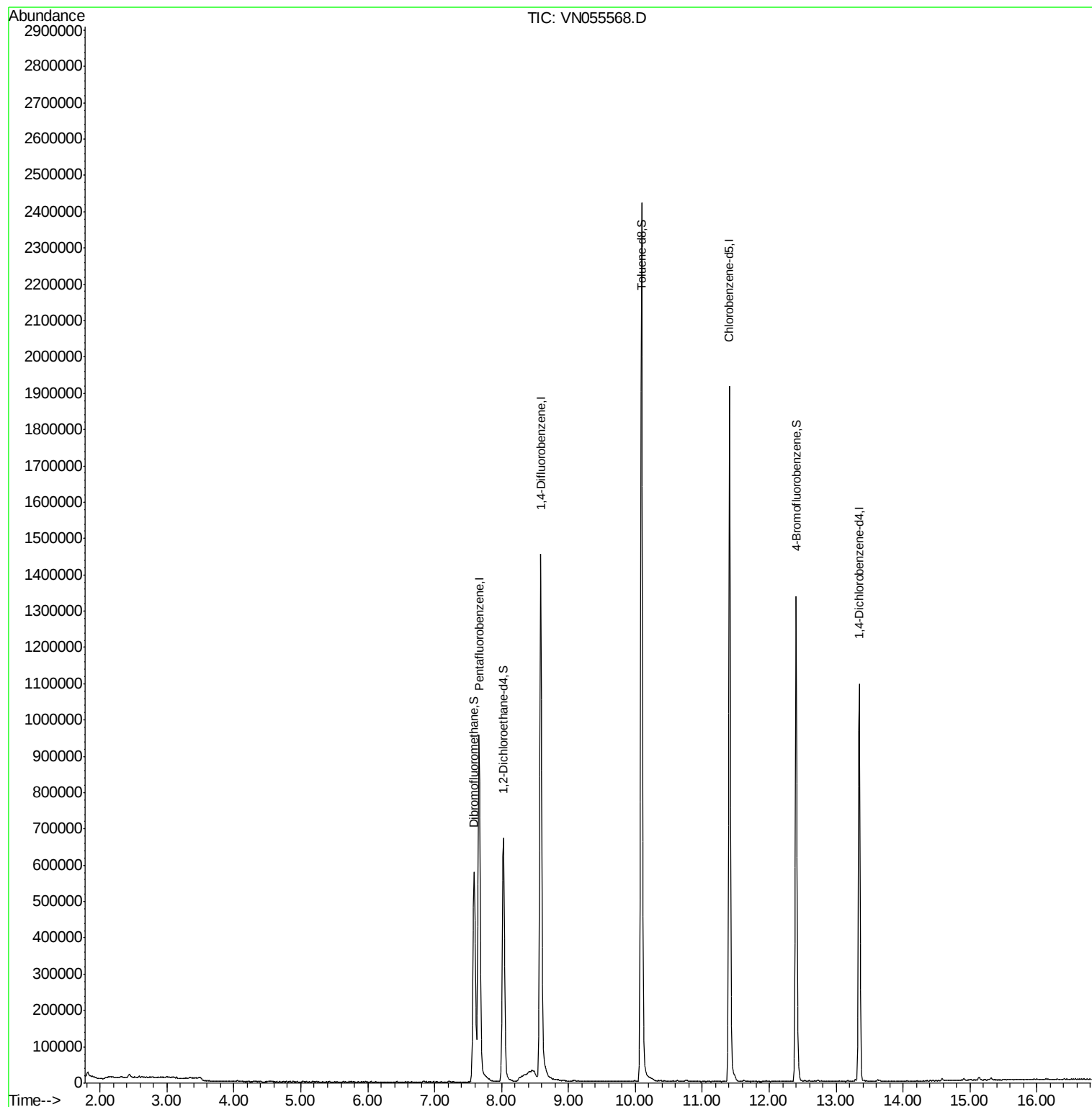
Target Compounds	Qvalue

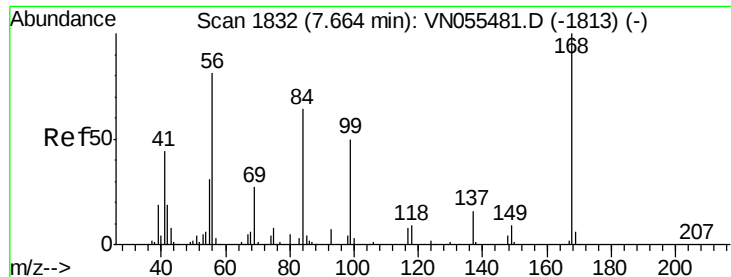
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055568.D

Acq: 13 May 2019 10:29

Instrument :

MSVOA_N

ClientSampleId :

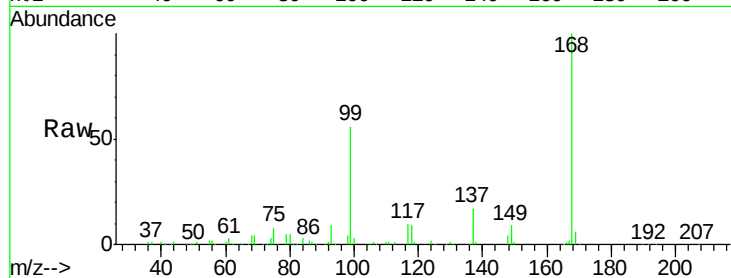
VN0513WBL01

Tot Ion:168 Resp: 804105

Ion Ratio Lower Upper

168 100

99 56.5 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

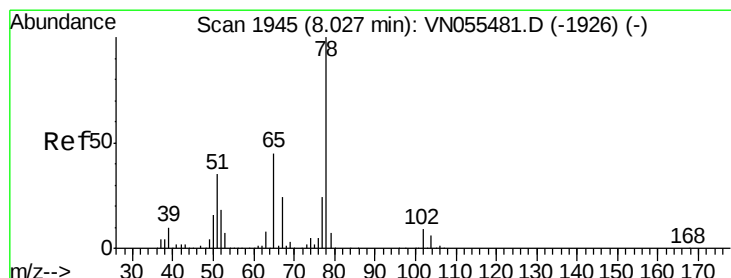
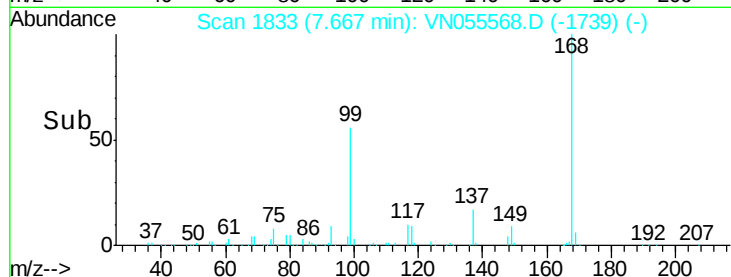
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.650 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055568.D

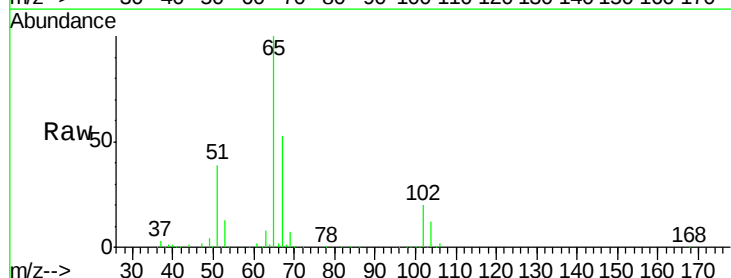
Acq: 13 May 2019 10:29

Tgt Ion: 65 Resp: 589015

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

250000

200000

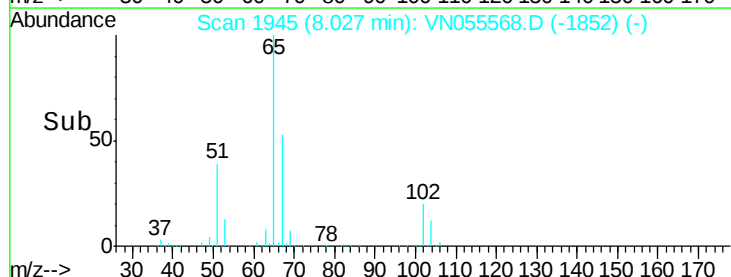
150000

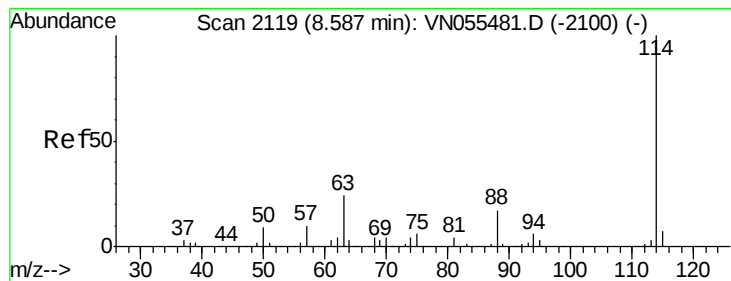
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055568.D

Acq: 13 May 2019 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBL01

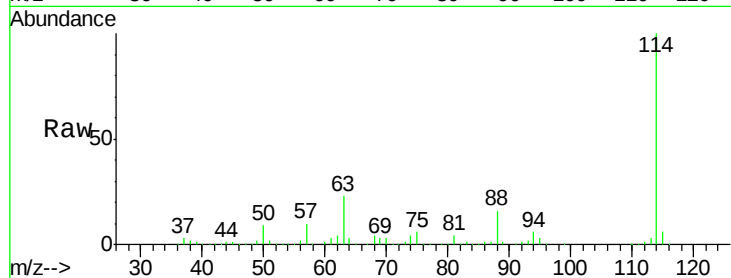
Tot Ion:114 Resp: 1362218

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.4

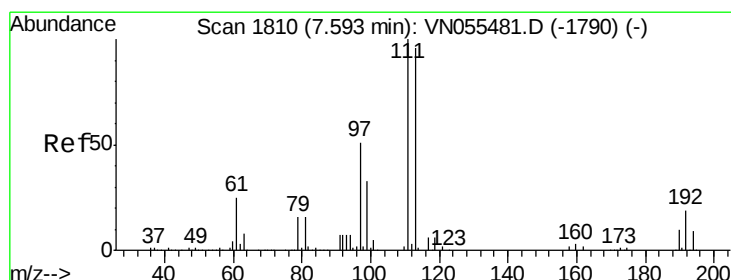
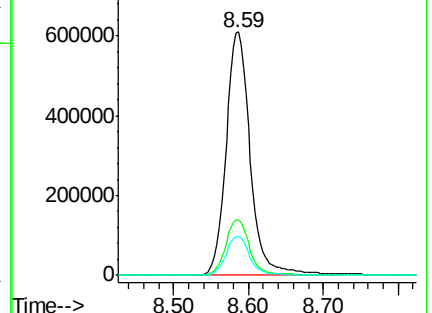
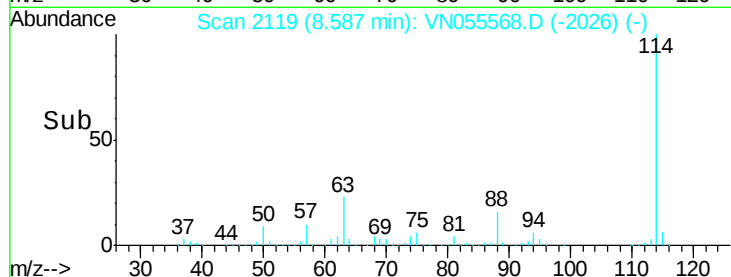
88 16.1 0.0 34.0



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: 52.128 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055568.D

Acq: 13 May 2019 10:29

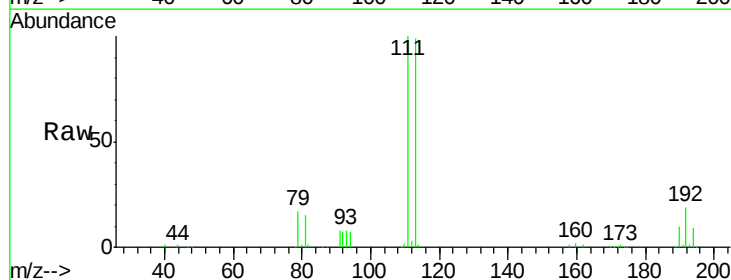
Tgt Ion:113 Resp: 458072

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

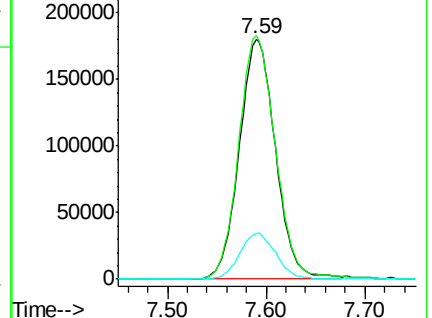
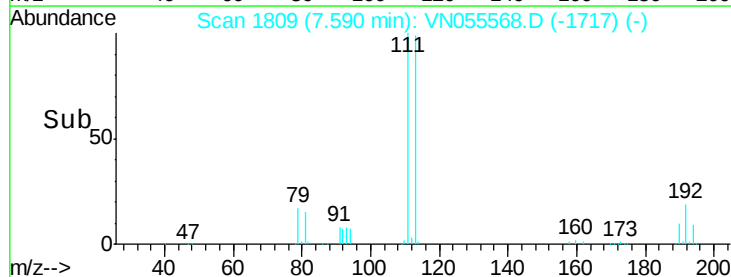
192 19.2 15.6 23.4

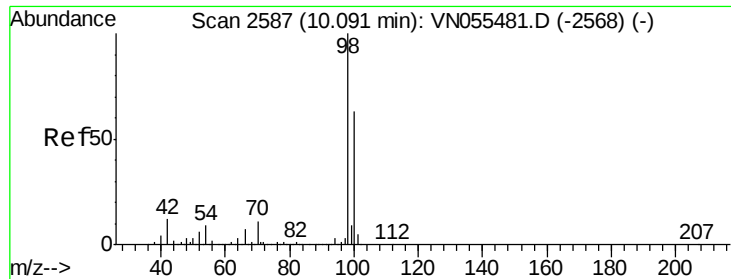


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.408 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055568.D

Acq: 13 May 2019 10:29

Instrument :

MSVOA_N

ClientSampled :

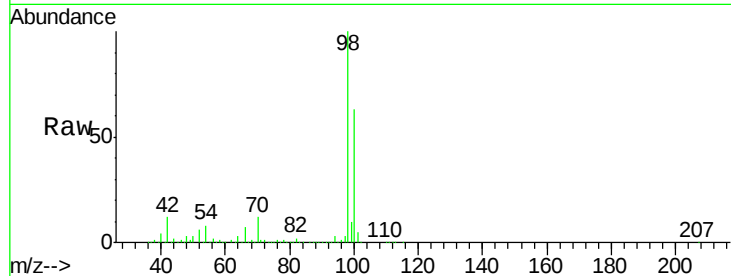
VN0513WBL01

Tot Ion: 98 Resp: 1760396

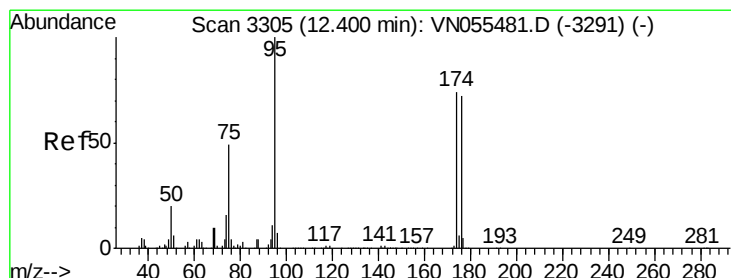
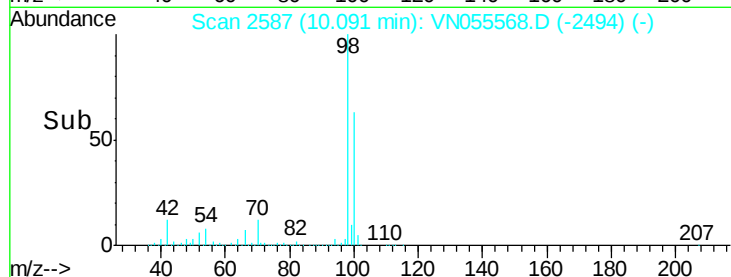
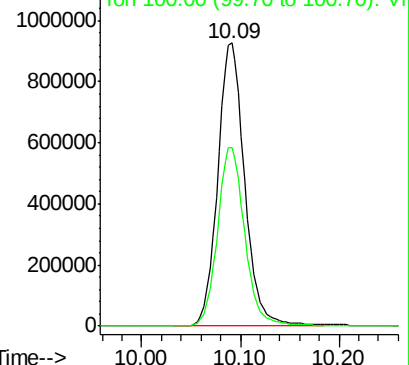
Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055481.D (-2568) (-)



#62

4-Bromofluorobenzene

Concen: 43.500 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055568.D

Acq: 13 May 2019 10:29

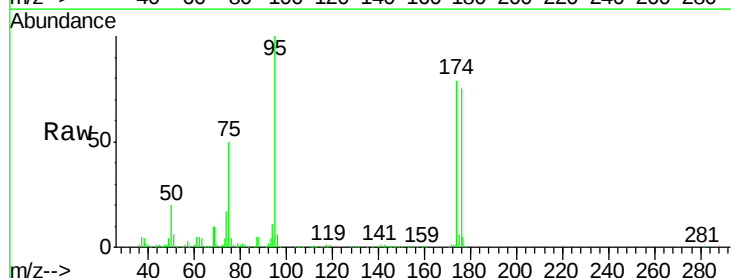
Tgt Ion: 95 Resp: 502267

Ion Ratio Lower Upper

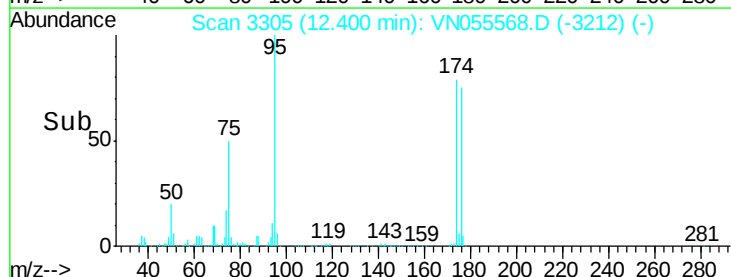
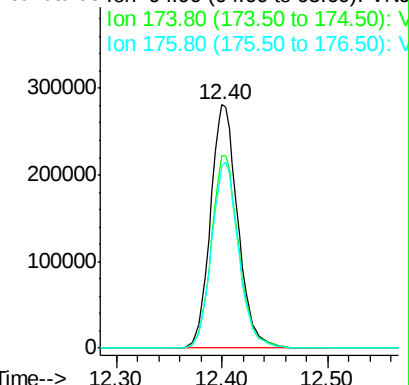
95 100

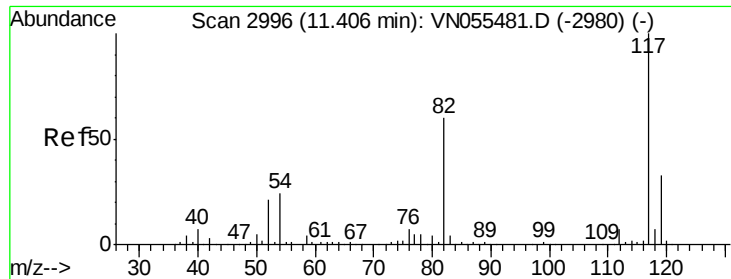
174 79.1 0.0 152.2

176 75.7 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)

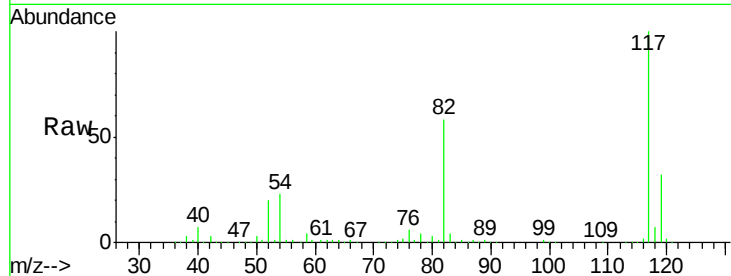




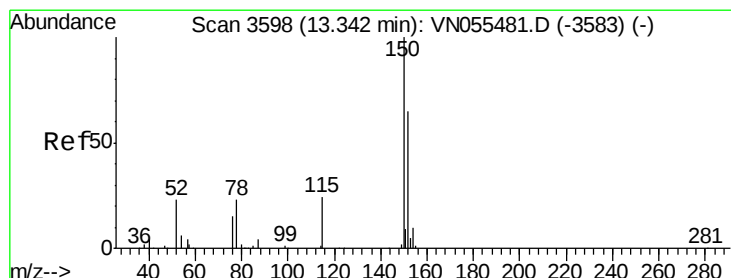
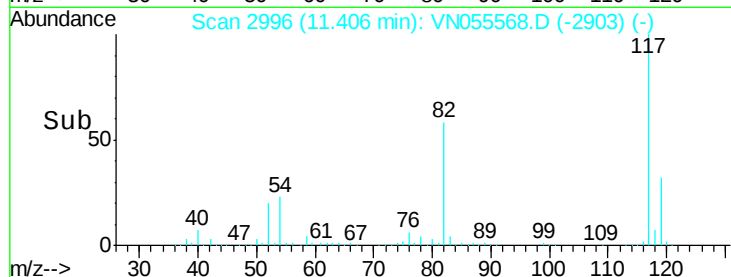
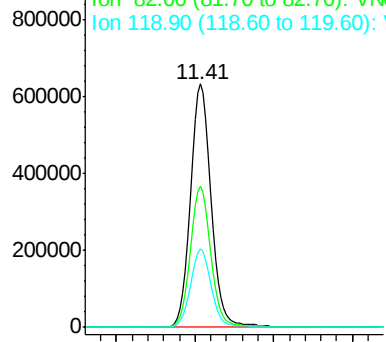
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055568.D
Acq: 13 May 2019 10:29

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBL01

Tot Ion:117 Resp: 1144261
Ion Ratio Lower Upper
117 100
82 57.8 48.0 72.0
119 32.2 26.0 39.0

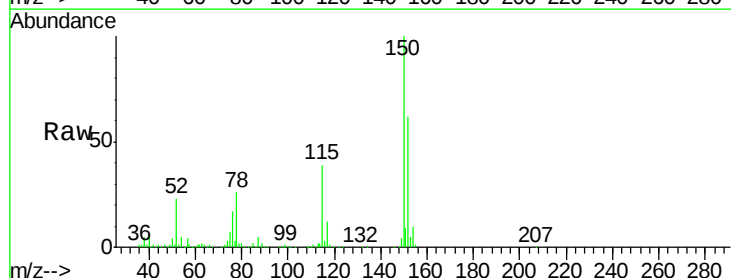


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055568.D
Acq: 13 May 2019 10:29

Tgt Ion:152 Resp: 301540
Ion Ratio Lower Upper
152 100
115 61.6 30.1 90.5
150 160.3 0.0 355.0



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

