

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012219\
 Data File : VN053523.D
 Acq On : 22 Jan 2019 16:56
 Operator : JC/SP
 Sample : K1215-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP04-20190118

Quant Time: Jan 23 11:16:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	804276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1253731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1165539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	496453	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	408389	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	7.59	113	371092	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.09	98	1538865	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.40	95	515456	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

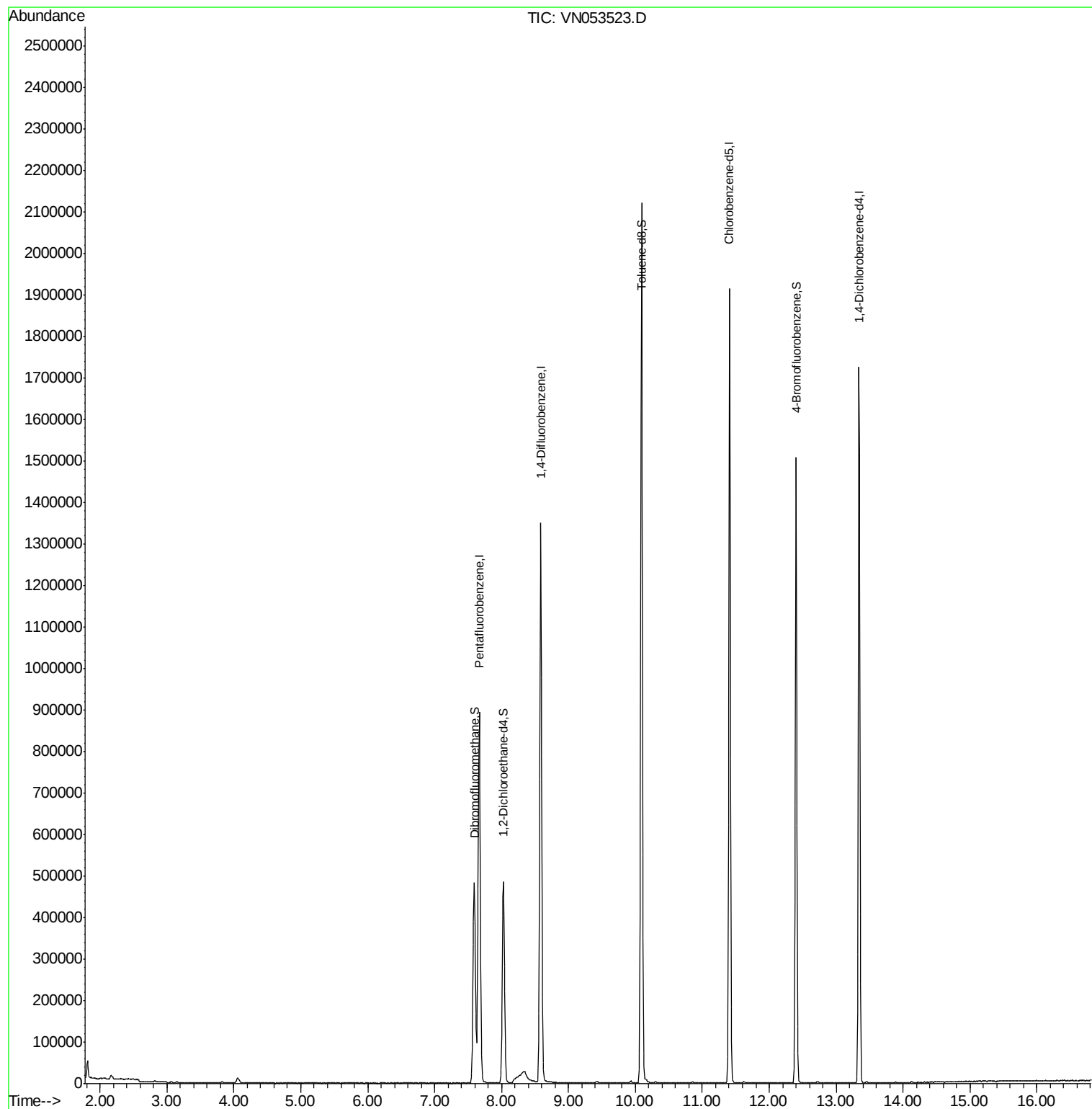
Target Compounds	Qvalue

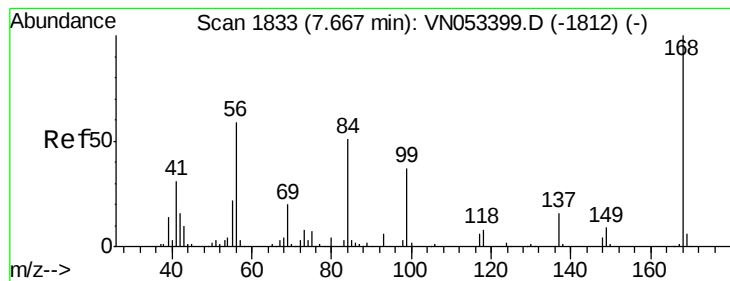
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053523.D

Acq: 22 Jan 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

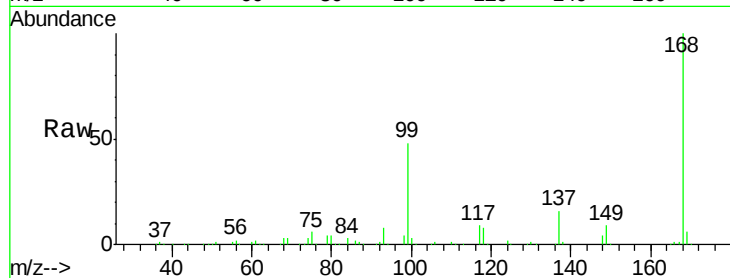
DUP04-20190118

Tot Ion:168 Resp: 804276

Ion Ratio Lower Upper

168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

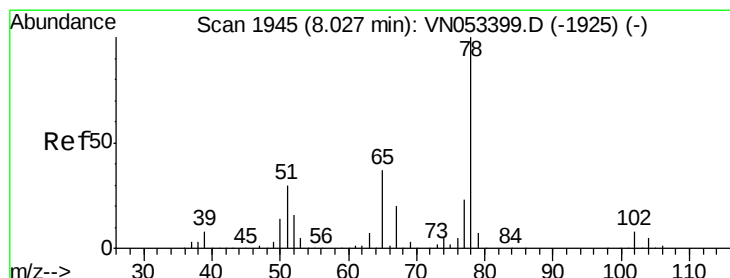
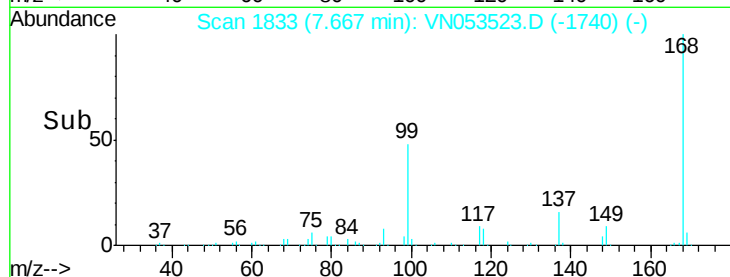
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053523.D

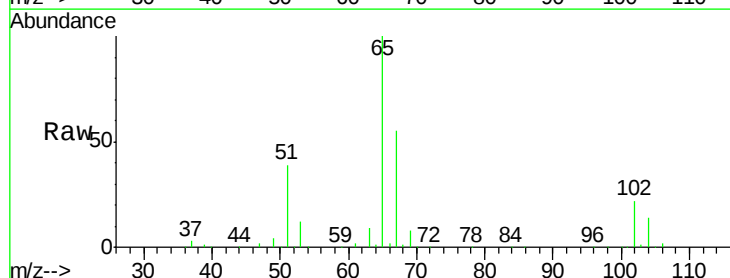
Acq: 22 Jan 2019 16:56

Tgt Ion: 65 Resp: 408389

Ion Ratio Lower Upper

65 100

67 54.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

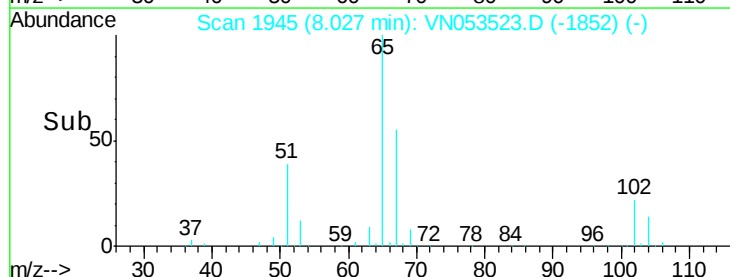
150000

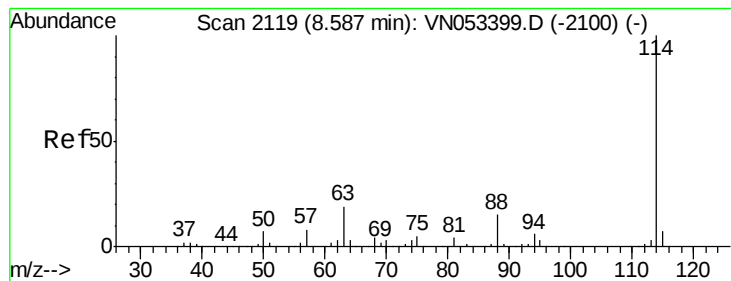
100000

50000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053523.D

Acq: 22 Jan 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

DUP04-20190118

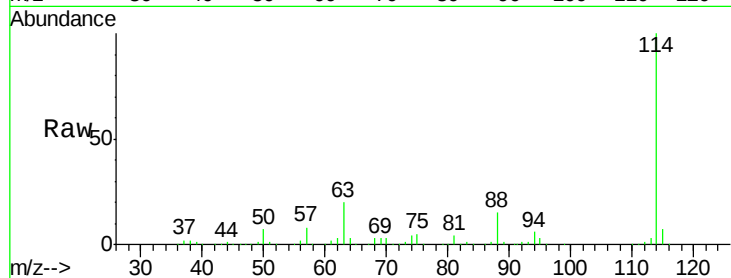
Tot Ion:114 Resp: 1253731

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

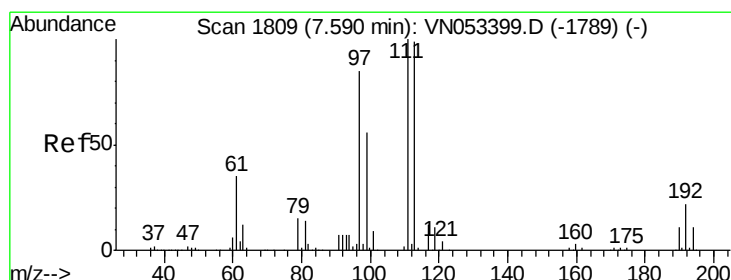
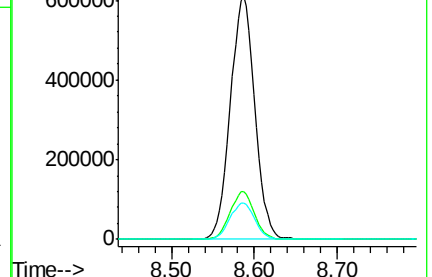
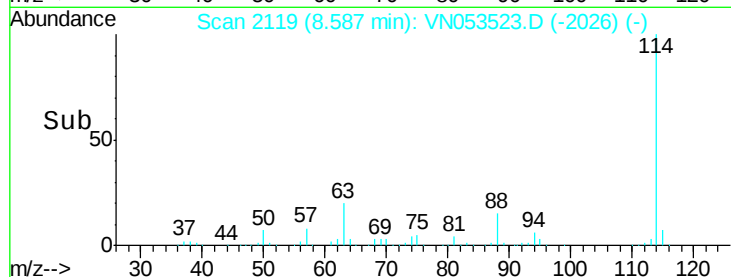
88 15.0 0.0 30.4



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053523.D

Acq: 22 Jan 2019 16:56

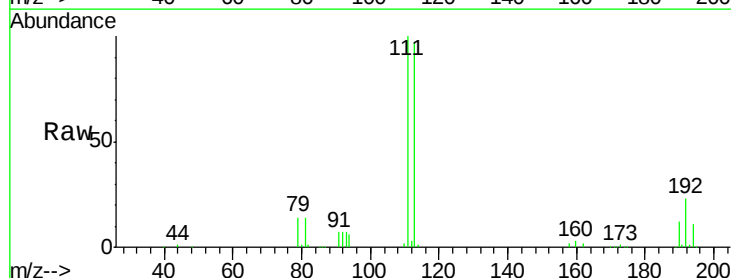
Tgt Ion:113 Resp: 371092

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

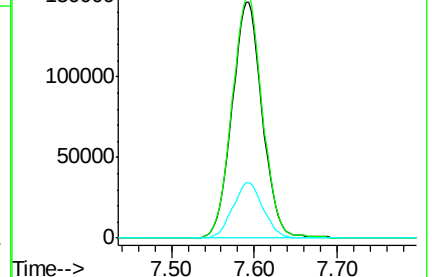
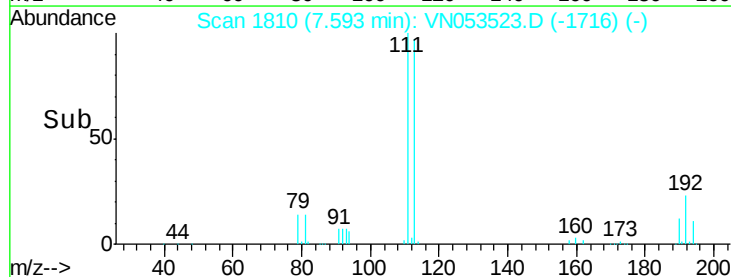
192 23.4 18.2 27.2

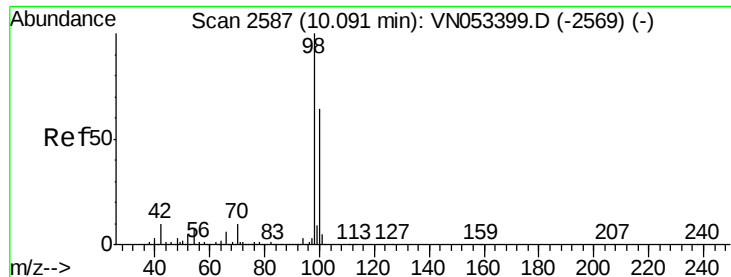


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN053523.D

Acq: 22 Jan 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

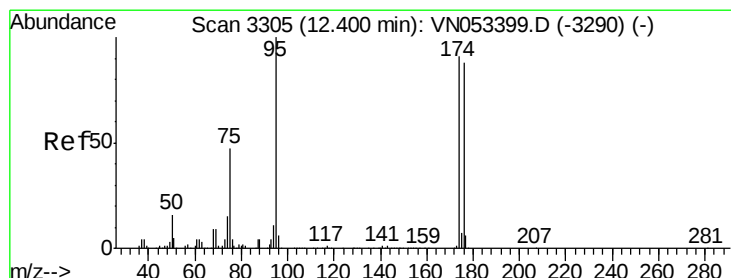
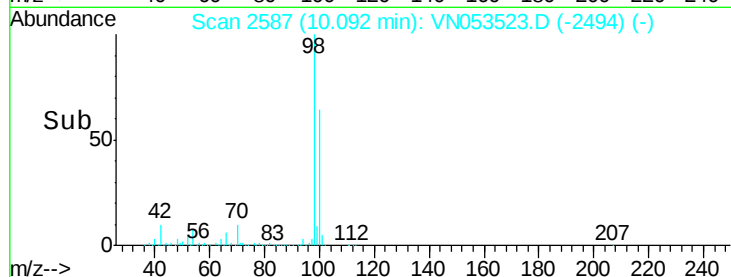
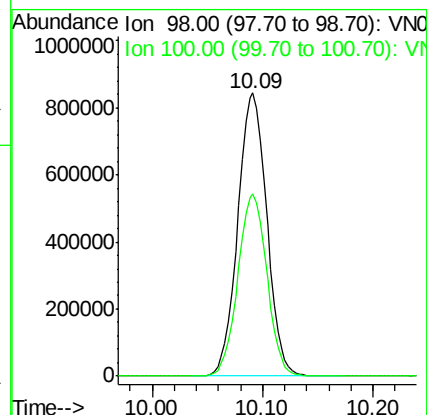
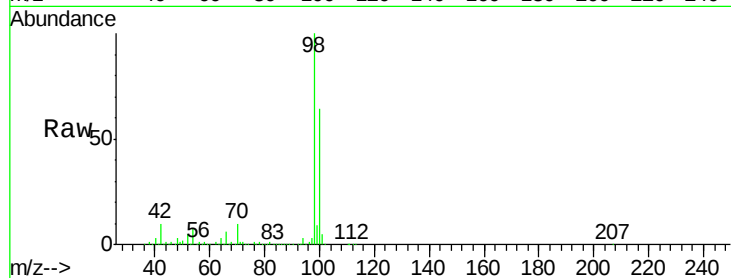
DUP04-20190118

Tot Ion: 98 Resp: 1538865

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053523.D

Acq: 22 Jan 2019 16:56

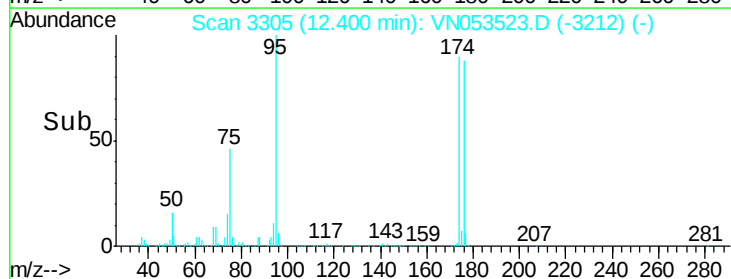
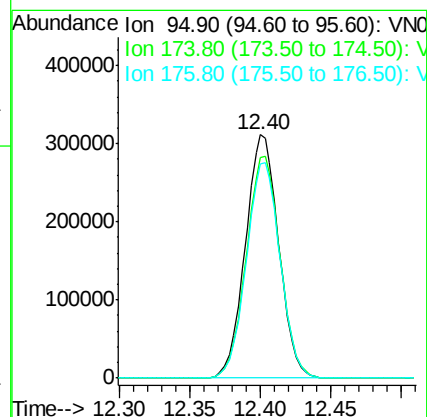
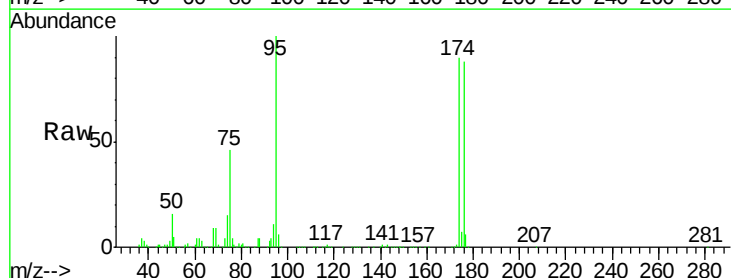
Tgt Ion: 95 Resp: 515456

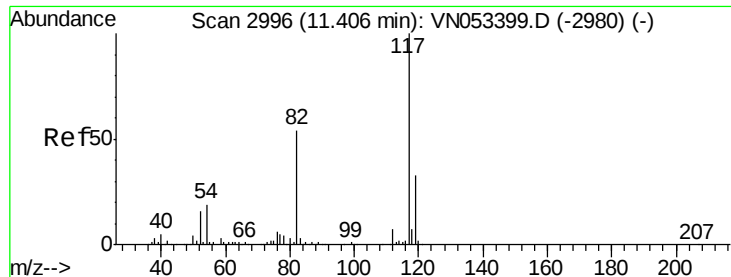
Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.2

176 89.7 0.0 177.4

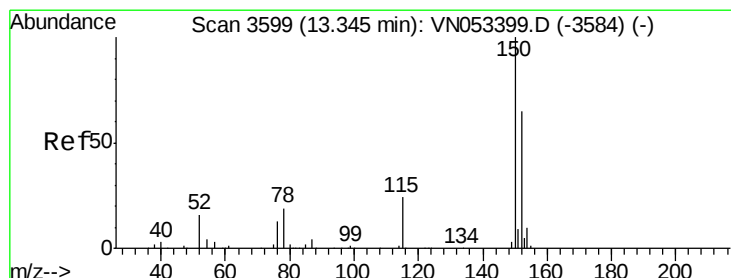
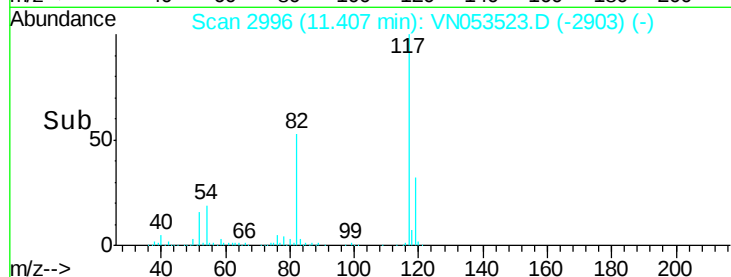
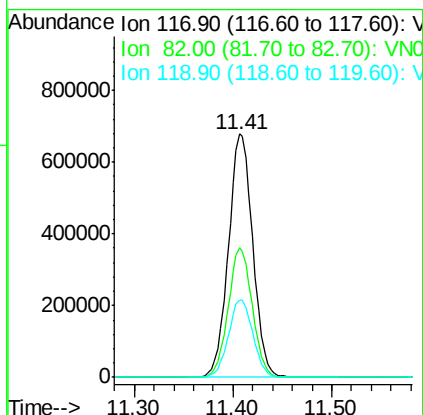
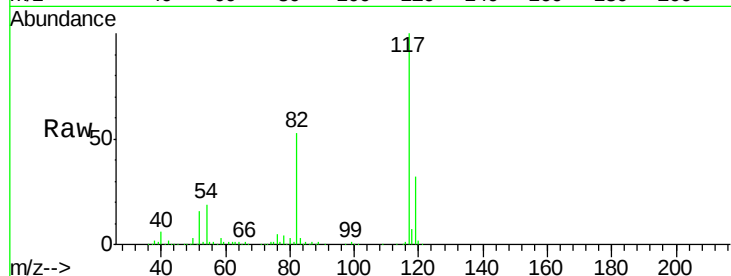




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053523.D
Acq: 22 Jan 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190118

Tot Ion:117 Resp: 116539
Ion Ratio Lower Upper
117 100
82 53.2 42.9 64.3
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053523.D
Acq: 22 Jan 2019 16:56

Tgt Ion:152 Resp: 496453
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.4
150 157.1 0.0 349.0

