

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012319\
 Data File : VN053528.D
 Acq On : 23 Jan 2019 10:57
 Operator : JC/SP
 Sample : PB116556TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116556TB

Quant Time: Jan 24 01:48:06 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	830701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1292568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1265283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	564045	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	425896	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
35) Dibromofluoromethane	7.59	113	394933	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
50) Toluene-d8	10.09	98	1646696	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.40	95	575133	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

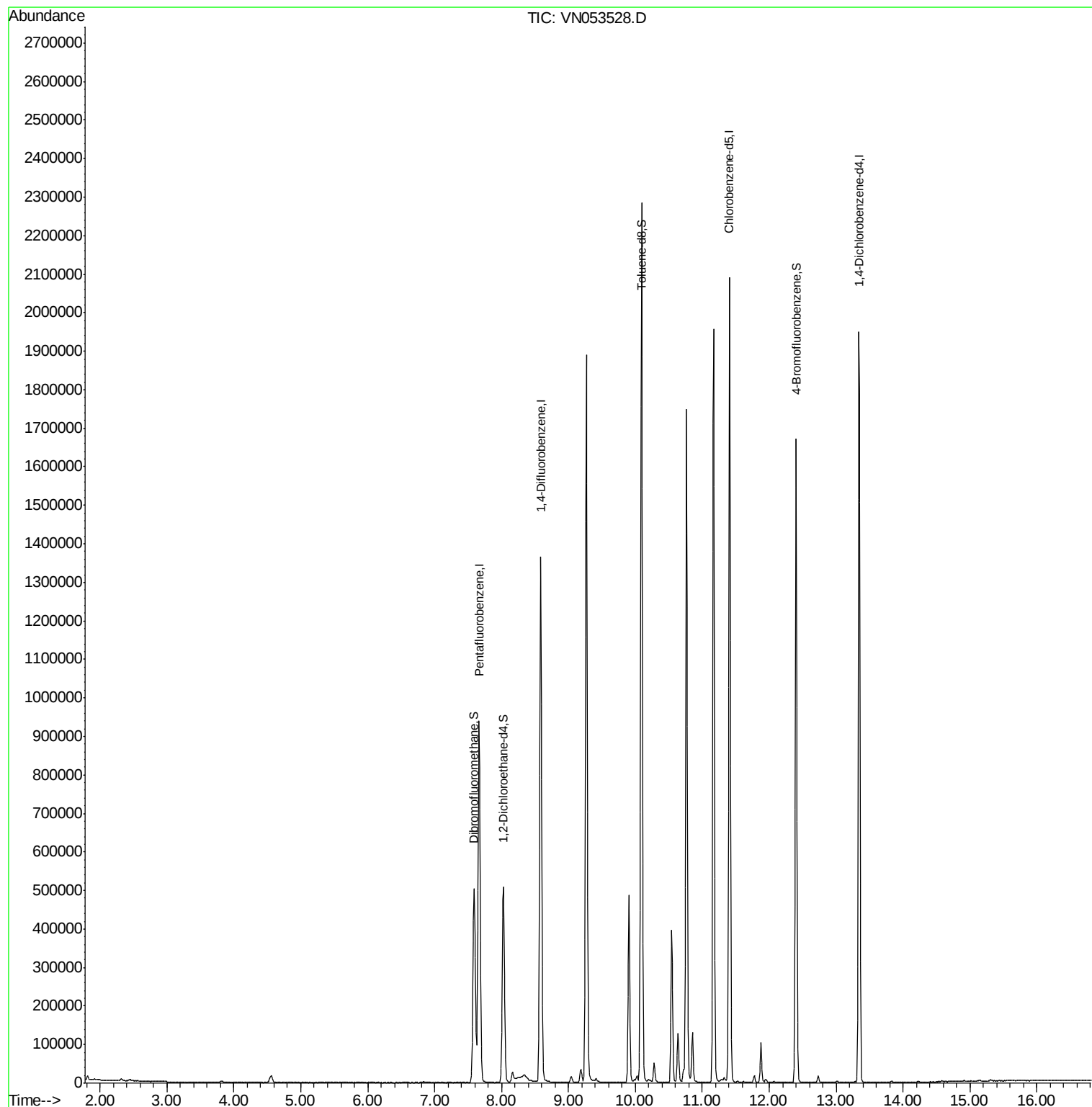
Target Compounds	Qvalue
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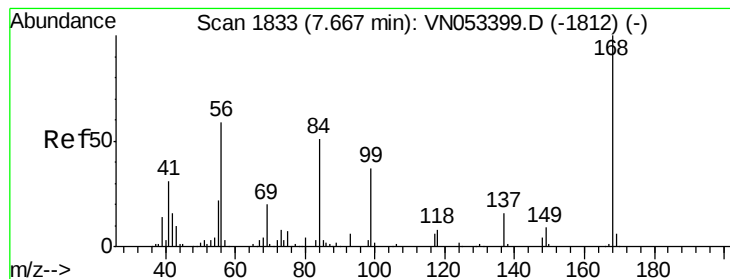
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053528.D

Acq: 23 Jan 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

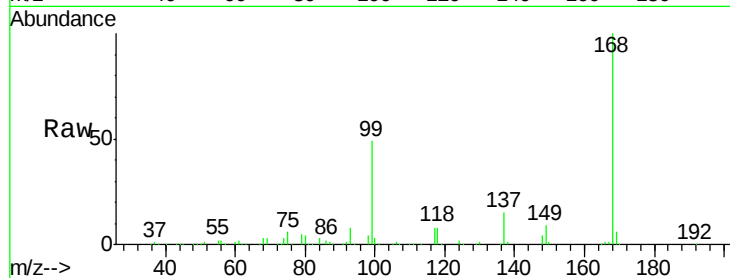
PB116556TB

Tot Ion:168 Resp: 830701

Ion Ratio Lower Upper

168 100

99 48.5 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

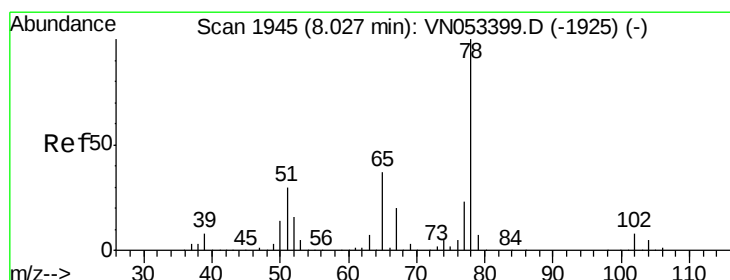
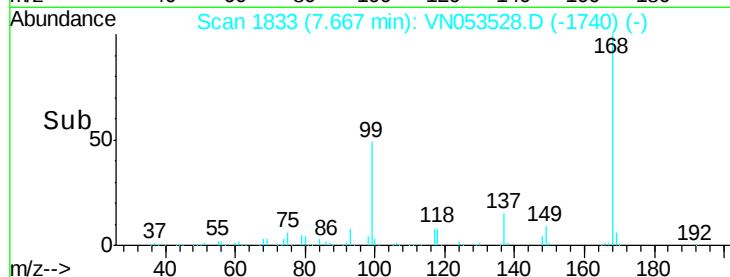
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053528.D

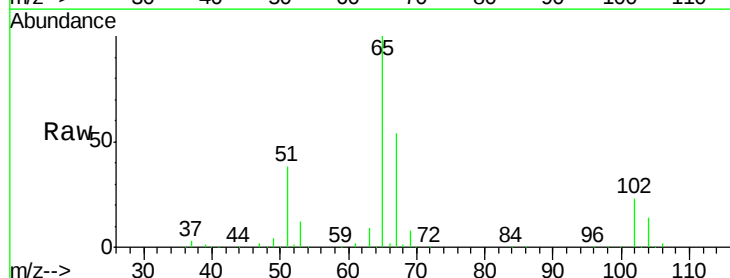
Acq: 23 Jan 2019 10:57

Tgt Ion: 65 Resp: 425896

Ion Ratio Lower Upper

65 100

67 54.6 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

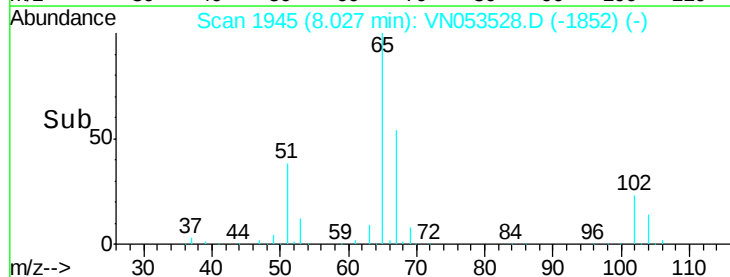
150000

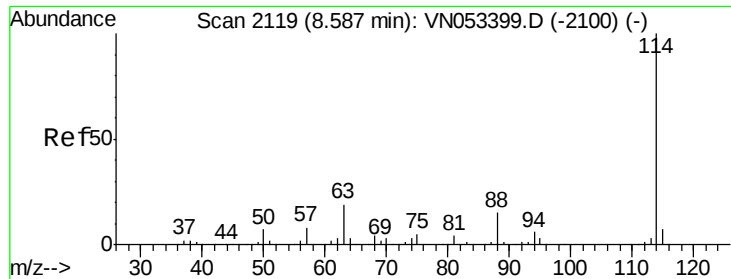
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053528.D

Acq: 23 Jan 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

PB116556TB

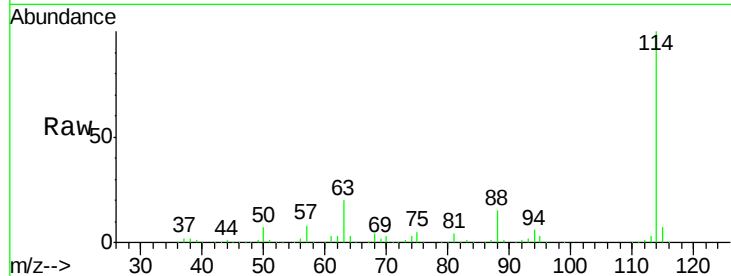
Tot Ion:114 Resp: 1292568

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

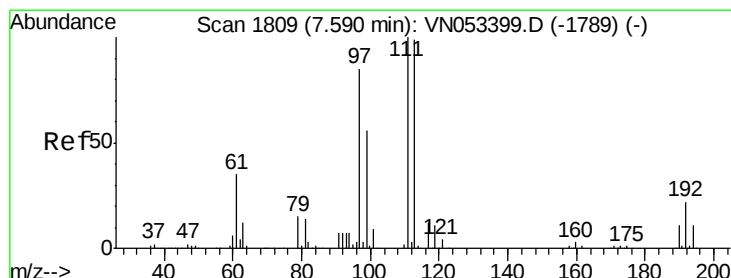
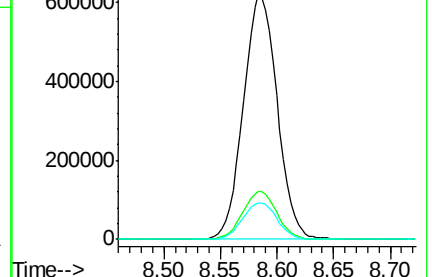
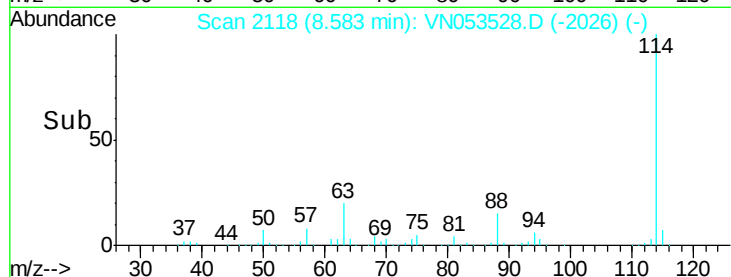
88 15.1 0.0 30.4



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# 1809

Delta R.T. 0.00 min

Lab File: VN053528.D

Acq: 23 Jan 2019 10:57

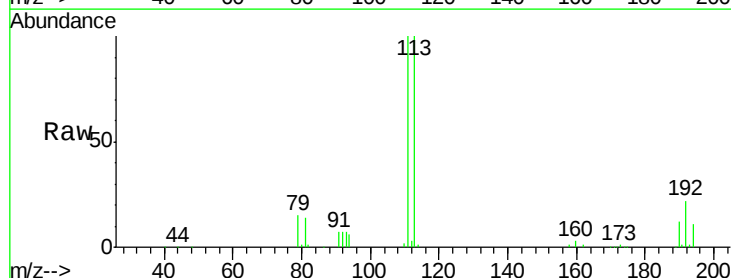
Tgt Ion:113 Resp: 394933

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

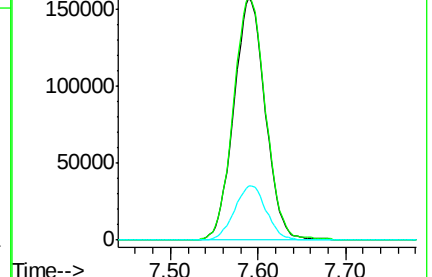
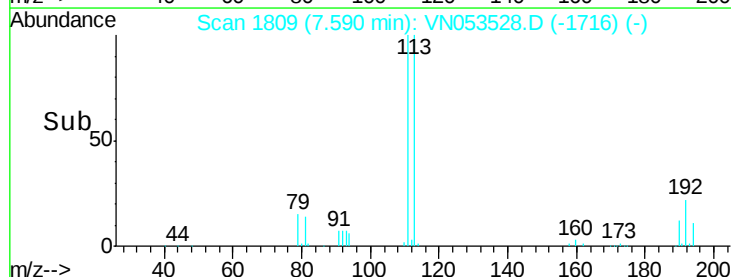
192 22.6 18.2 27.2

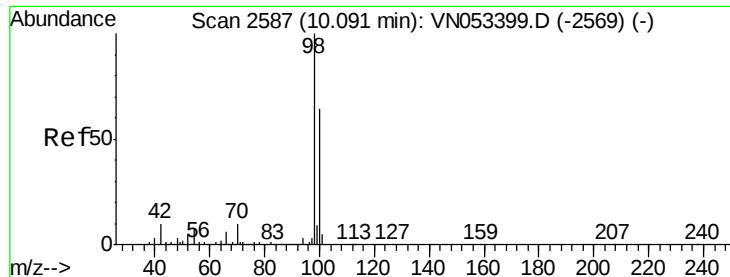


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN053528.D

Acq: 23 Jan 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

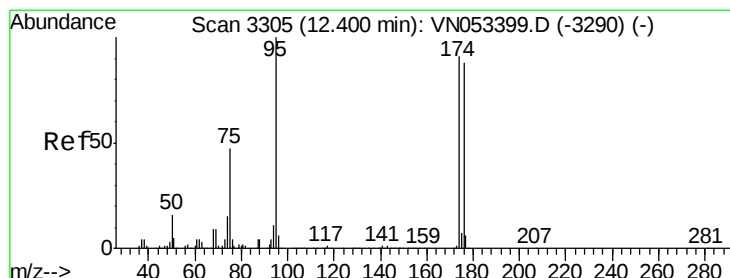
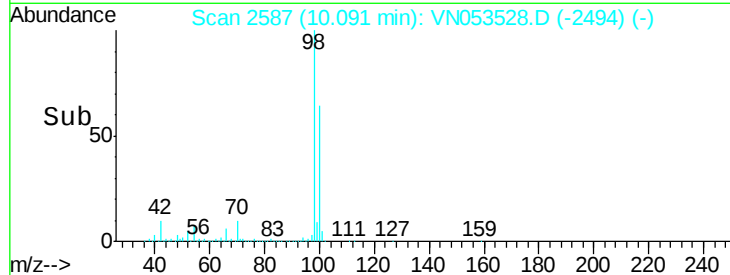
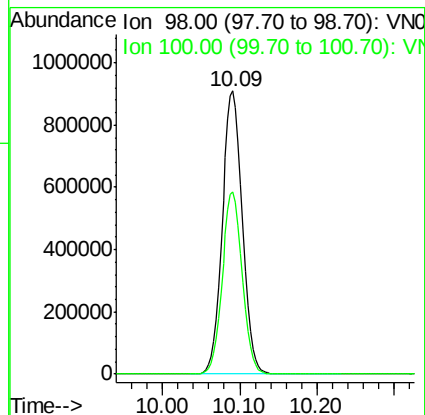
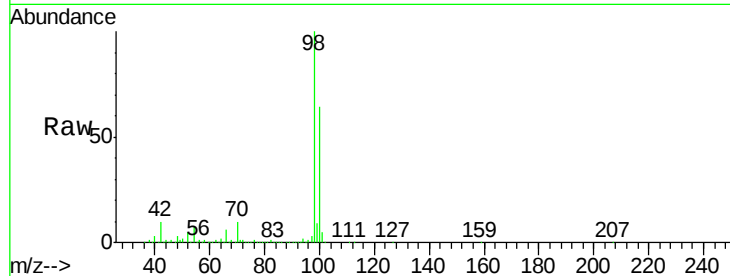
PB116556TB

Tot Ion: 98 Resp: 1646696

Ion Ratio Lower Upper

98 100

100 63.9 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: VN053528.D

Acq: 23 Jan 2019 10:57

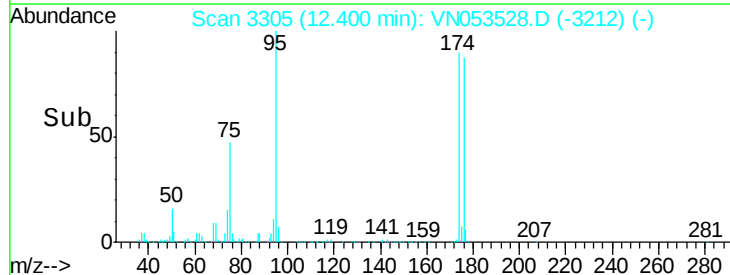
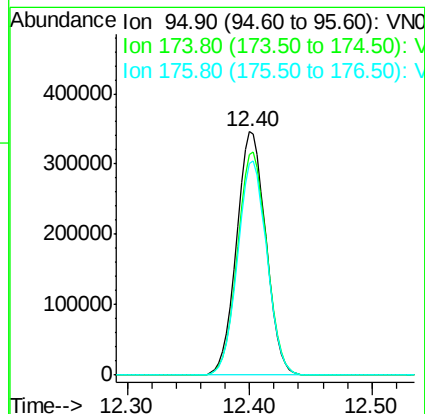
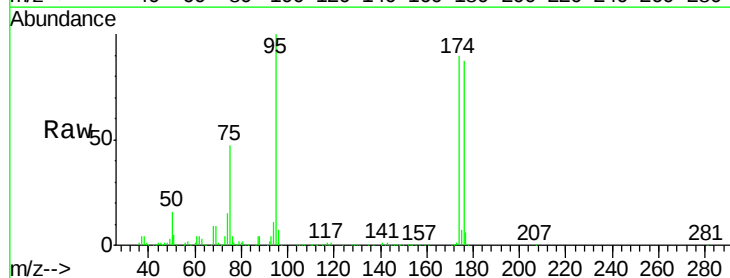
Tgt Ion: 95 Resp: 575133

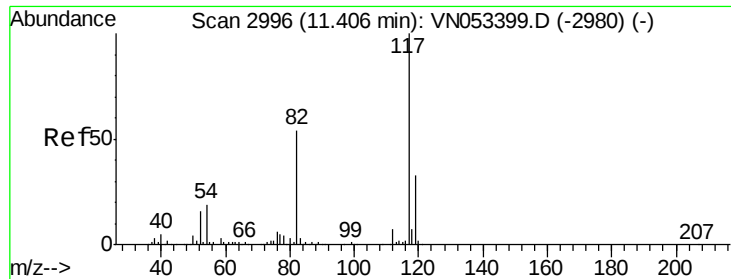
Ion Ratio Lower Upper

95 100

174 91.8 0.0 183.2

176 87.9 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: VN053528.D

Acq: 23 Jan 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

PB116556TB

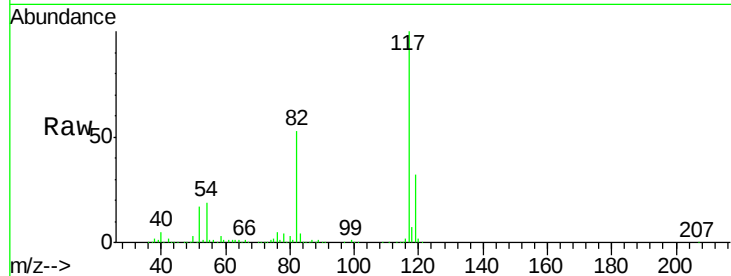
Tot Ion:117 Resp: 1265283

Ion Ratio Lower Upper

117 100

82 52.9 42.9 64.3

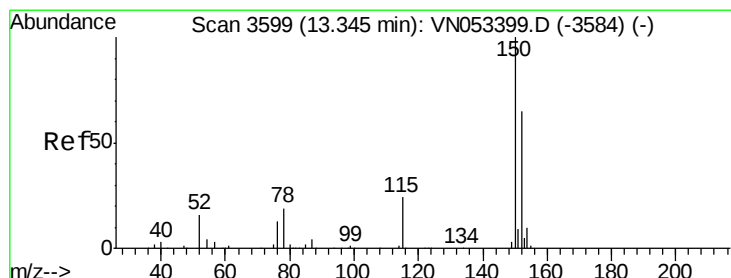
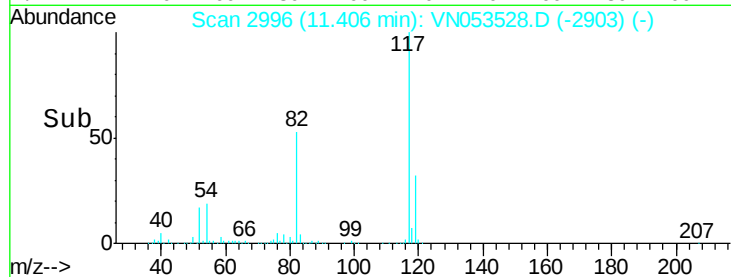
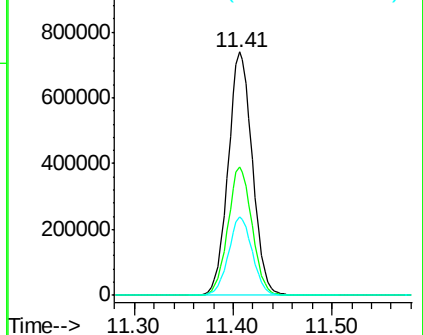
119 32.2 26.0 39.0



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: VN053528.D

Acq: 23 Jan 2019 10:57

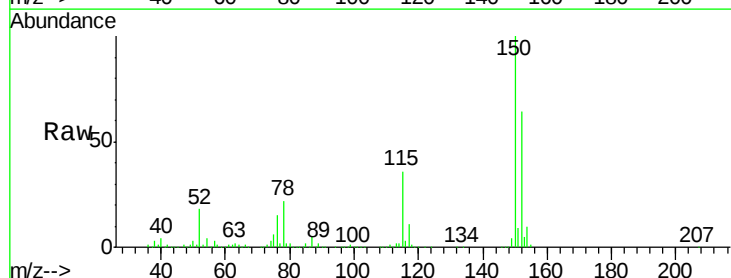
Tgt Ion:152 Resp: 564045

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.4

150 157.2 0.0 349.0



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

