

Data File : VN055378.D
Acq On : 3 May 2019 10:22
Operator : JC/SP
Sample : VN0503WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

Quant Time: May 03 23:44:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	419188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	713396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	630734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	162065	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	285937	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
35) Dibromofluoromethane	7.59	113	230815	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.09	98	871980	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.40	95	260785	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

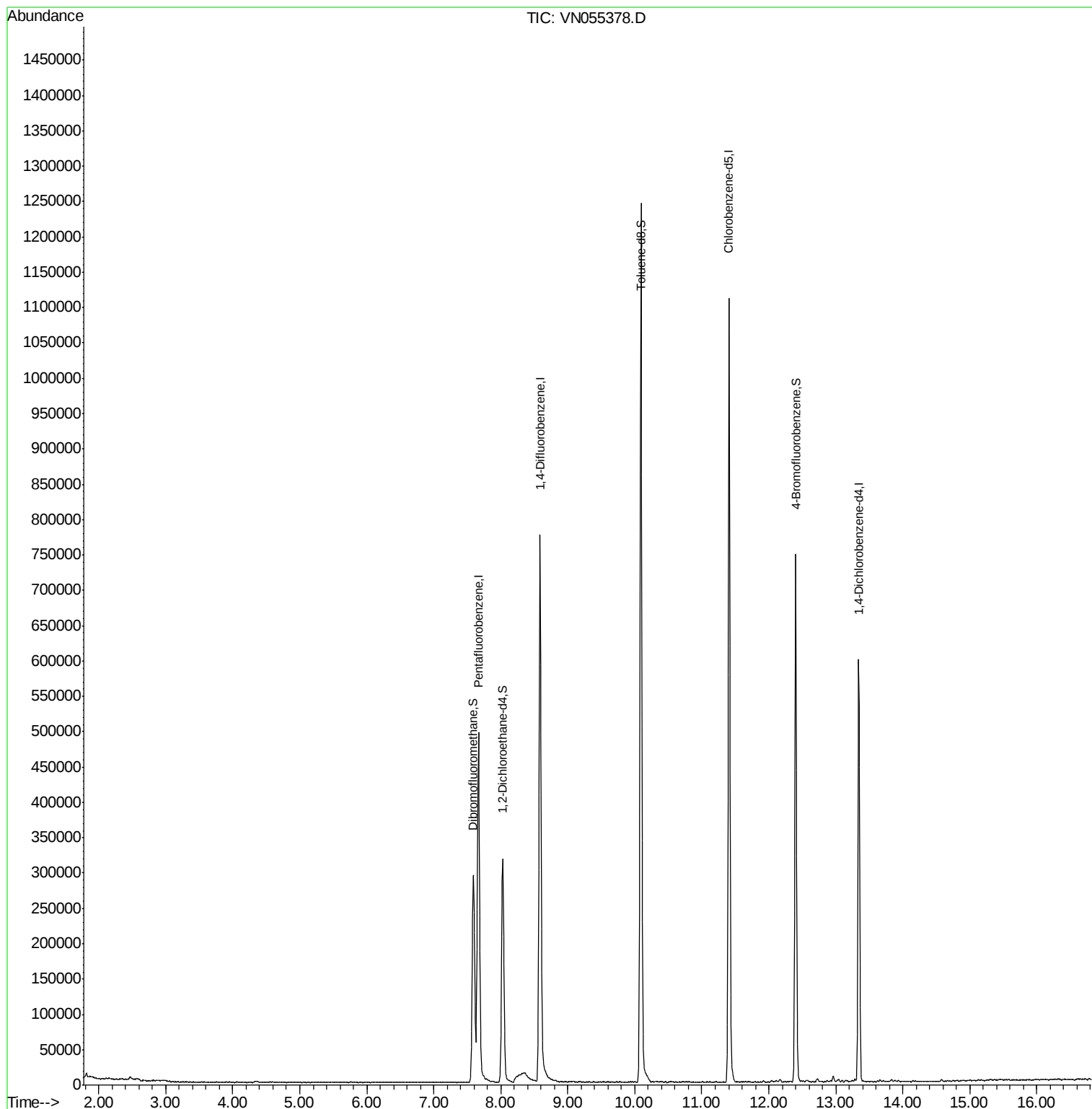
Target Compounds Qvalue

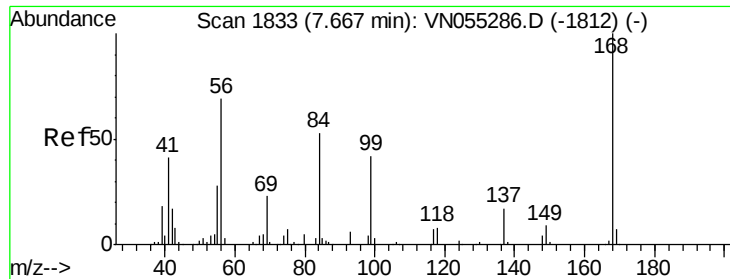
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

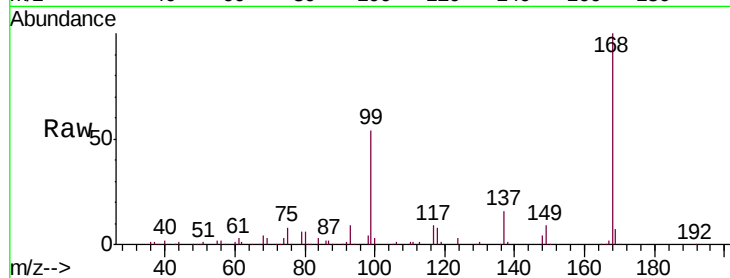
VN0503WBL01

Tgt Ion:168 Resp: 419188

Ion Ratio Lower Upper

168 100

99 54.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

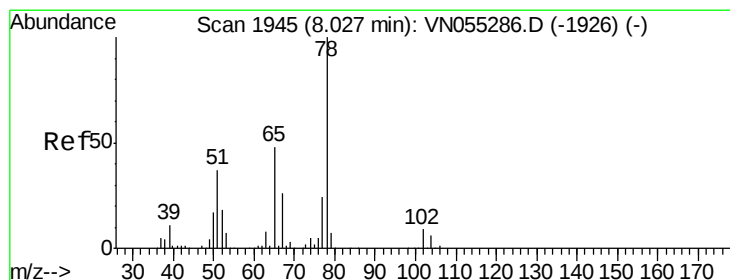
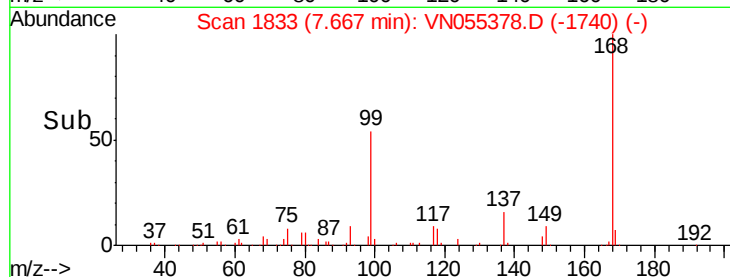
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.141 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055378.D

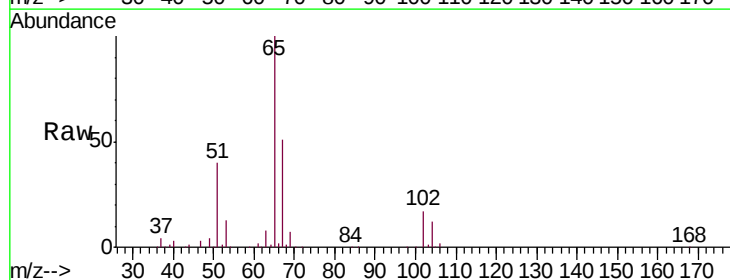
Acq: 3 May 2019 10:22

Tgt Ion: 65 Resp: 285937

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055286.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055286.D (-1926) (-)

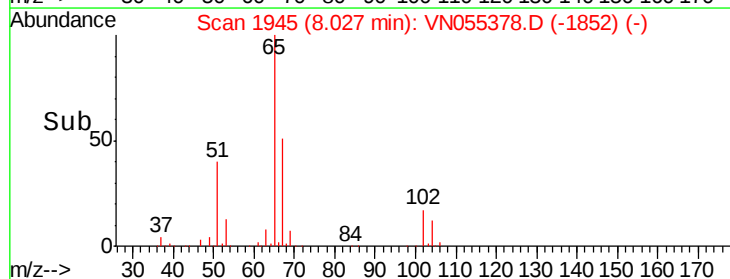
8.03

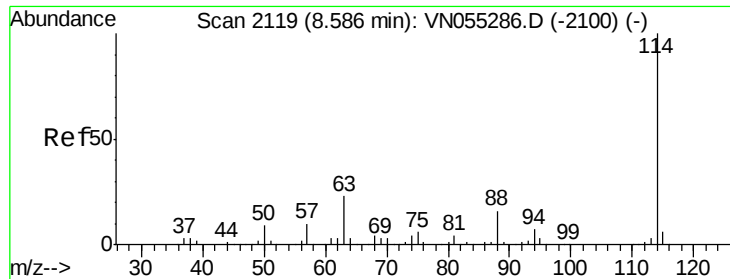
100000

50000

0

Time-->

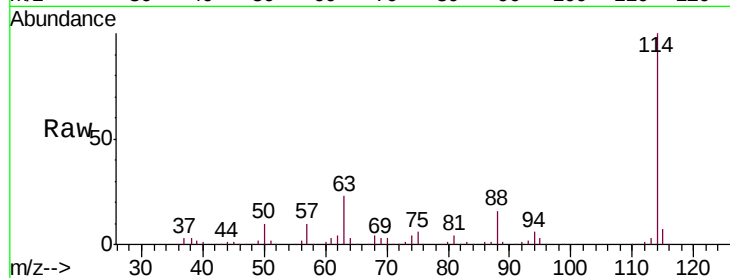




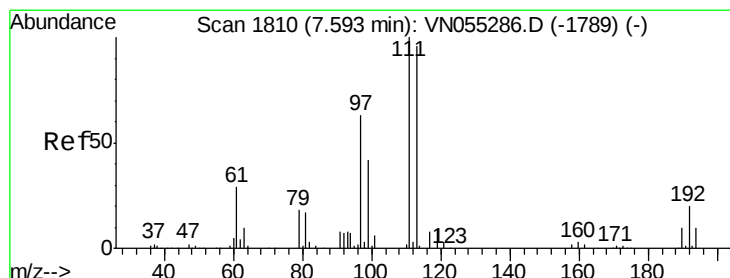
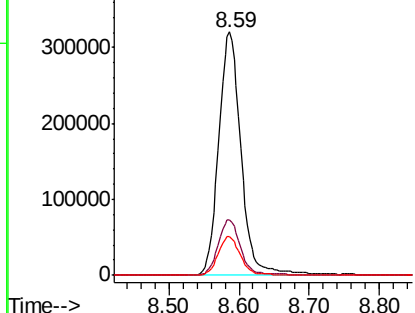
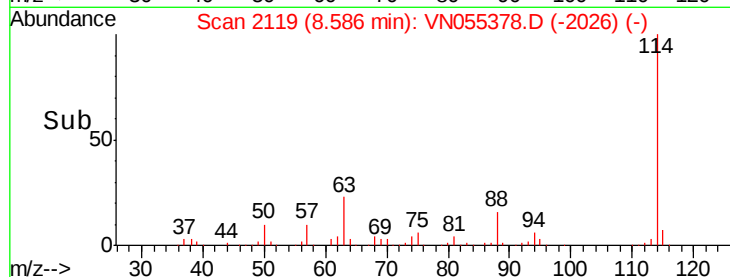
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055378.D
Acq: 3 May 2019 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

Tgt Ion:114 Resp: 713396
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.2
88 15.8 0.0 31.6

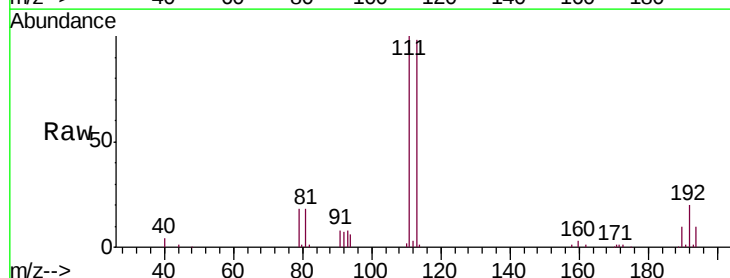


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

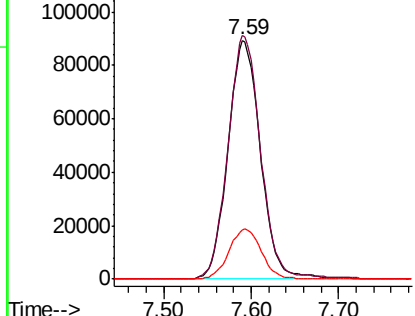
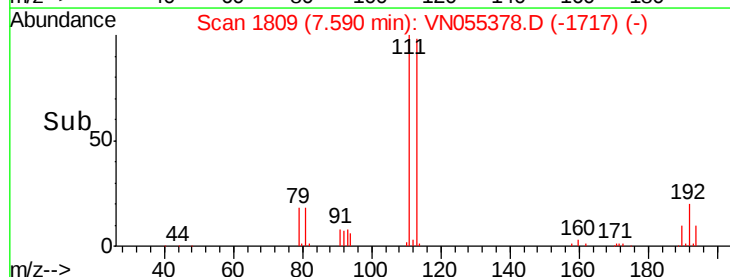


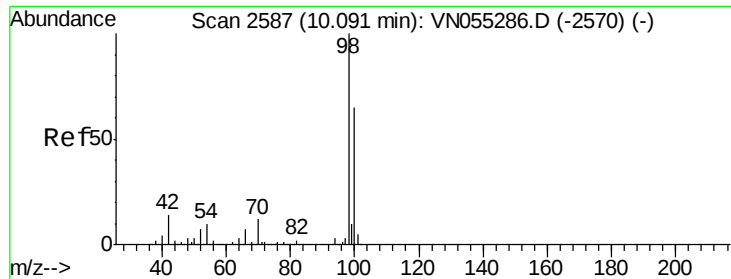
#35
Dibromofluoromethane
Concen: 49.293 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055378.D
Acq: 3 May 2019 10:22

Tgt Ion:113 Resp: 230815
Ion Ratio Lower Upper
113 100
111 102.2 82.3 123.5
192 20.9 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: 51.572 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055378.D

Acq: 3 May 2019 10:22

Instrument :

MSVOA_N

ClientSampled :

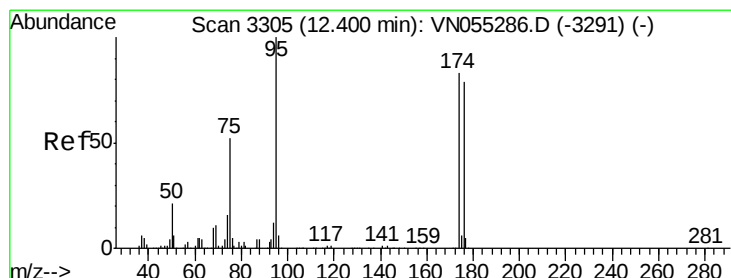
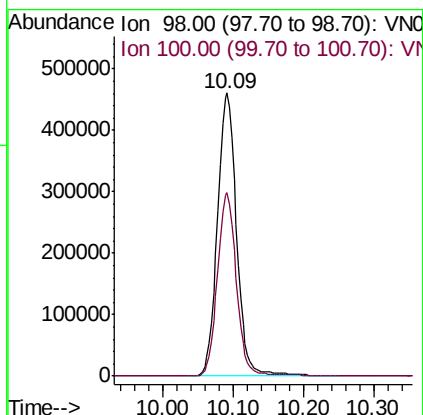
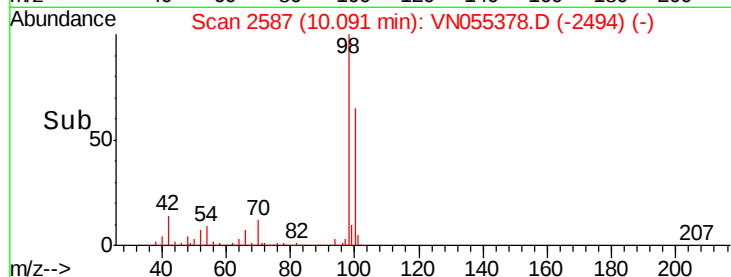
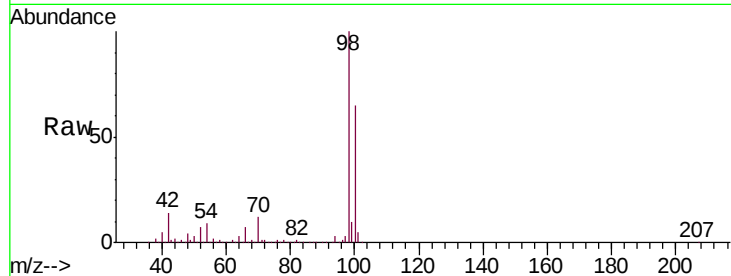
VN0503WBL01

Tgt Ion: 98 Resp: 871980

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 49.351 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055378.D

Acq: 3 May 2019 10:22

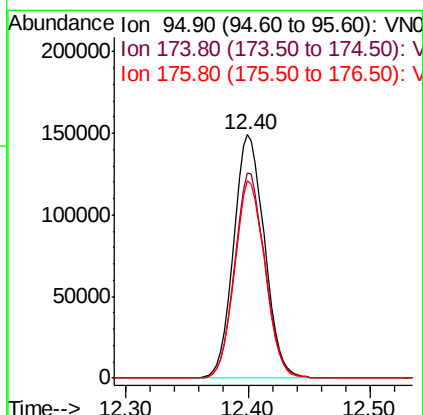
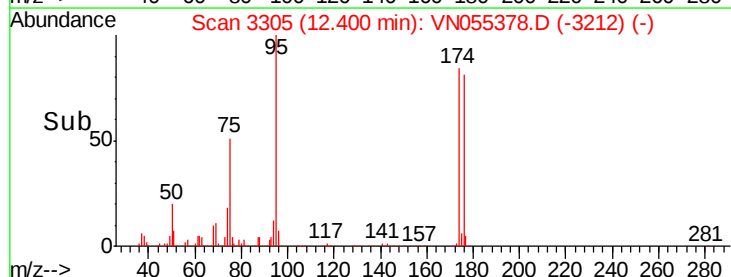
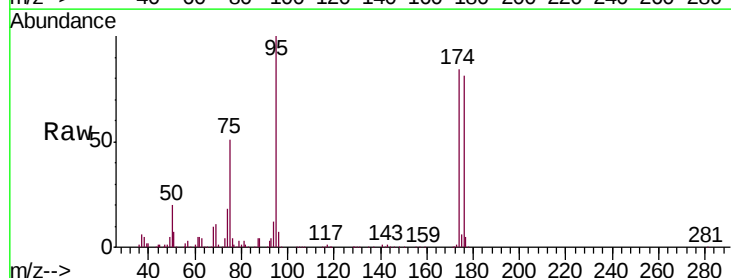
Tgt Ion: 95 Resp: 260785

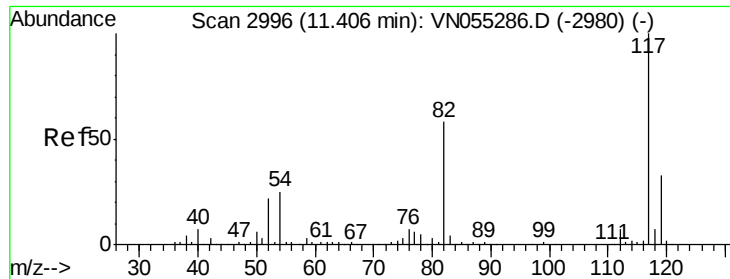
Ion Ratio Lower Upper

95 100

174 83.2 0.0 166.6

176 79.8 0.0 157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055378.D

Acq: 3 May 2019 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBL01

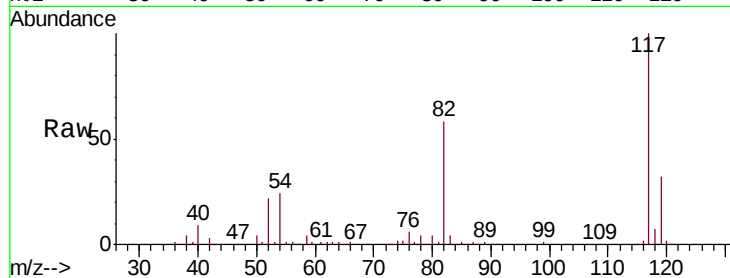
Tgt Ion:117 Resp: 630734

Ion Ratio Lower Upper

117 100

82 57.7 46.2 69.4

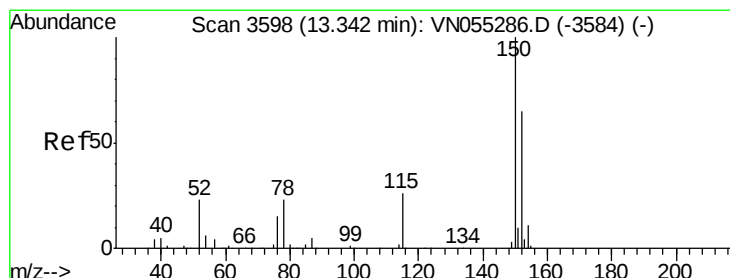
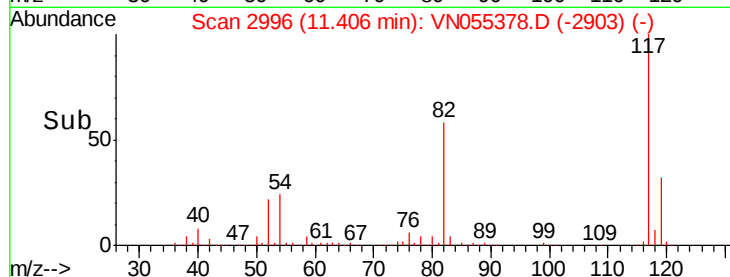
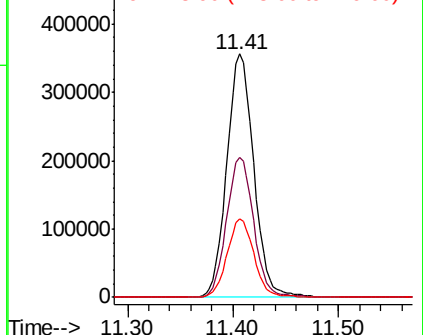
119 32.3 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN055378.D

Acq: 3 May 2019 10:22

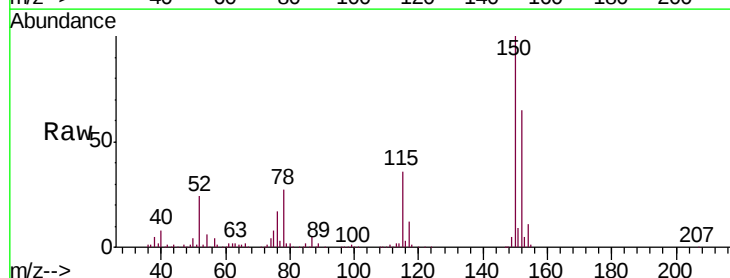
Tgt Ion:152 Resp: 162065

Ion Ratio Lower Upper

152 100

115 57.2 29.0 87.0

150 156.7 0.0 345.6



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

