

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
 Data File : VN056219.D
 Acq On : 11 Jun 2019 13:31
 Operator : JC/SP
 Sample : K3284-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW311S-20190609

Quant Time: Jun 12 07:05:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	299738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	454551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	446084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129920	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	161554	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
35) Dibromofluoromethane	7.59	113	149459	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
50) Toluene-d8	10.09	98	590131	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
62) 4-Bromofluorobenzene	12.40	95	177397	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	

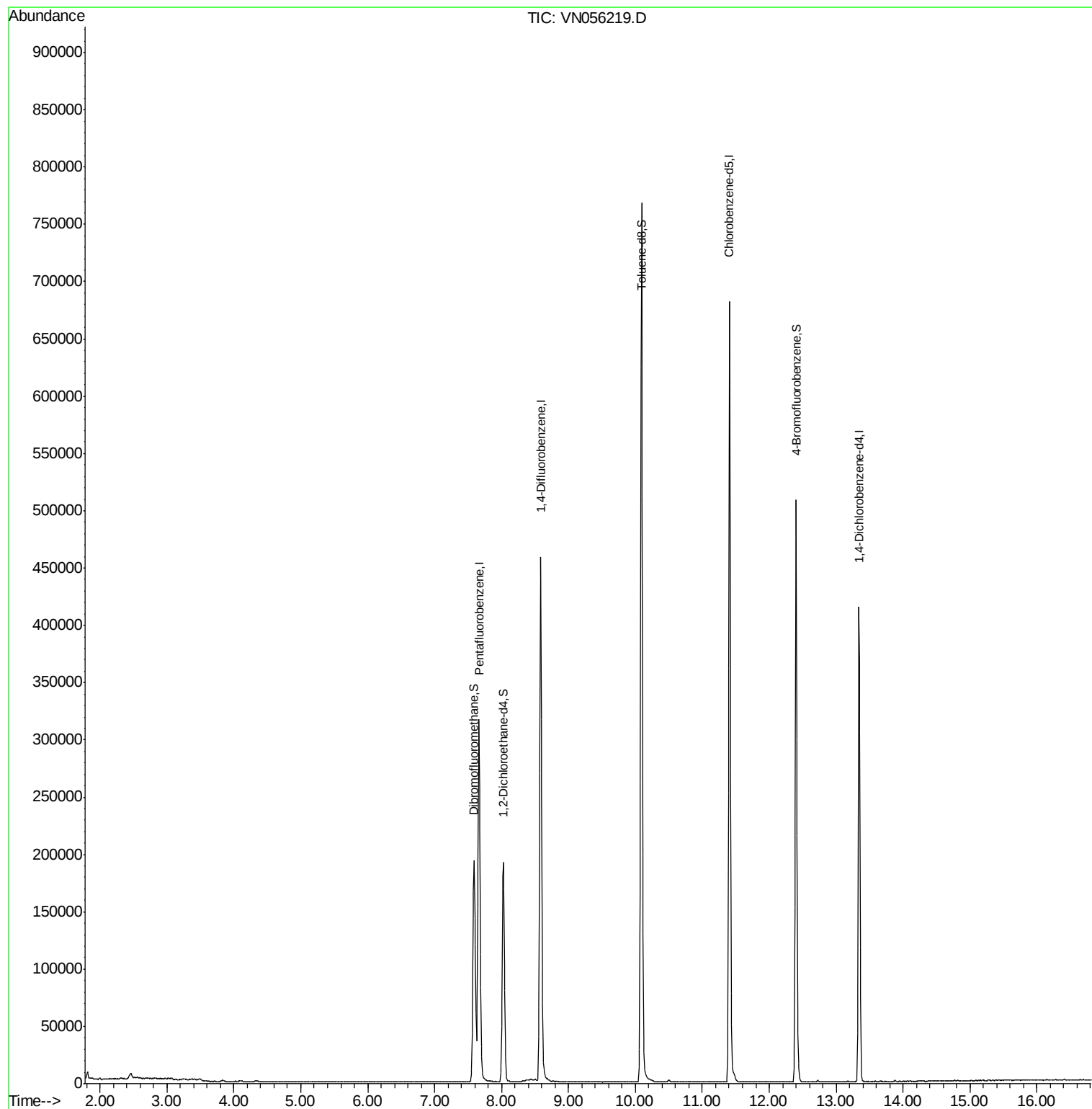
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

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Acq: 11 Jun 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

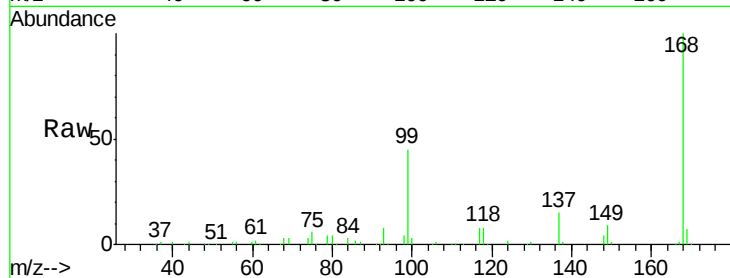
BPS1-TT-MW311S-20190609

Tot Ion:168 Resp: 299738

Ion Ratio Lower Upper

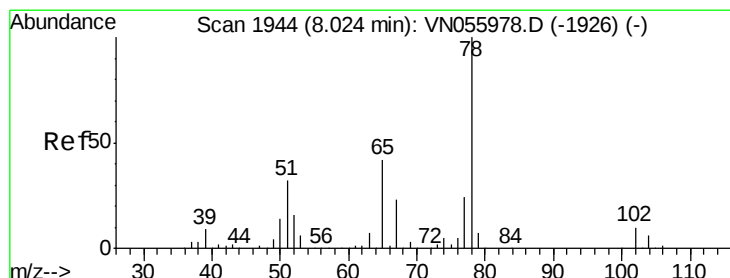
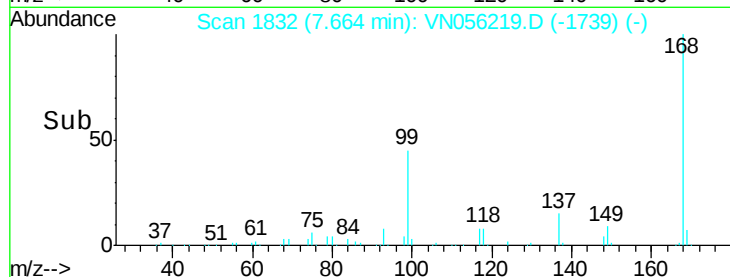
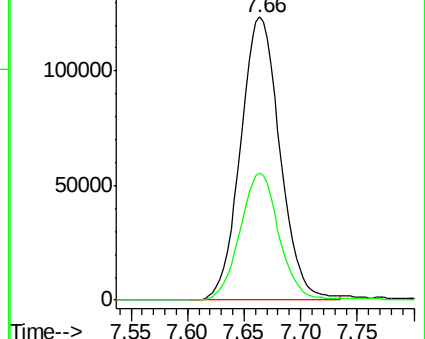
168 100

99 45.1 37.2 55.8



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: 54.283 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056219.D

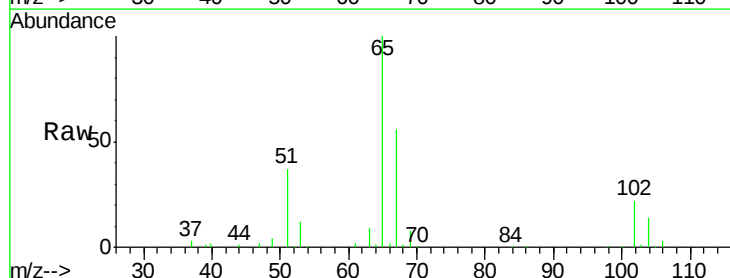
Acq: 11 Jun 2019 13:31

Tgt Ion: 65 Resp: 161554

Ion Ratio Lower Upper

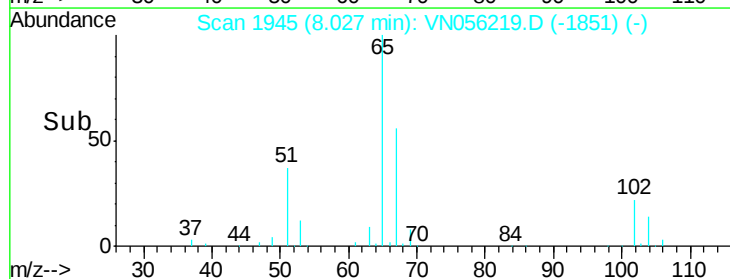
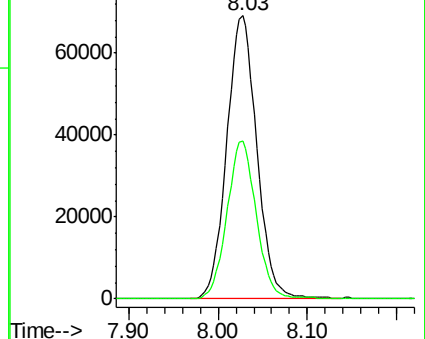
65 100

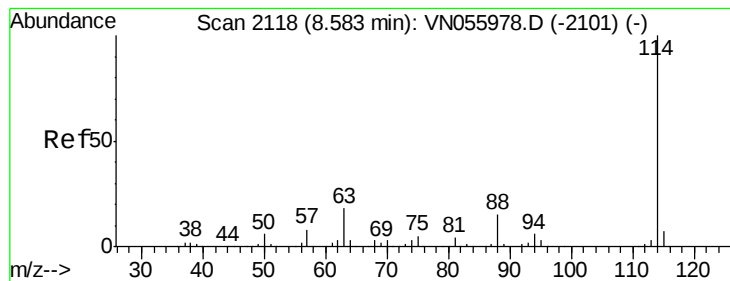
67 54.1 0.0 109.2



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# 2118

Delta R.T. 0.00 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW311S-20190609

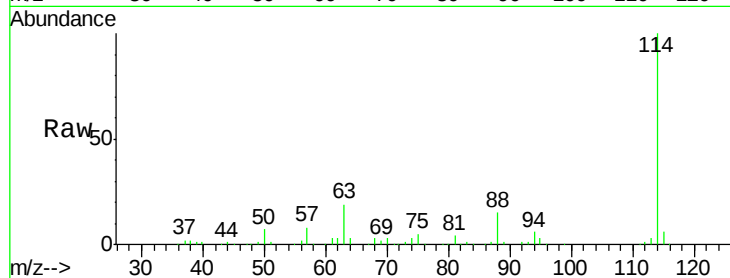
Tot Ion:114 Resp: 454551

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

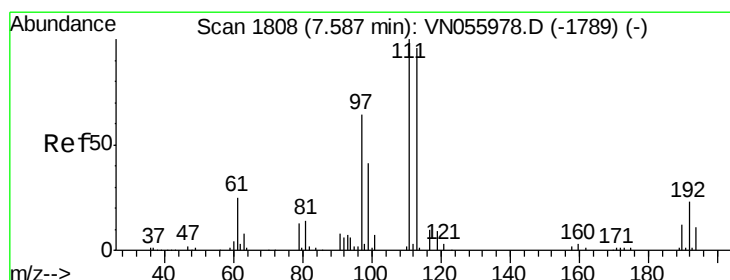
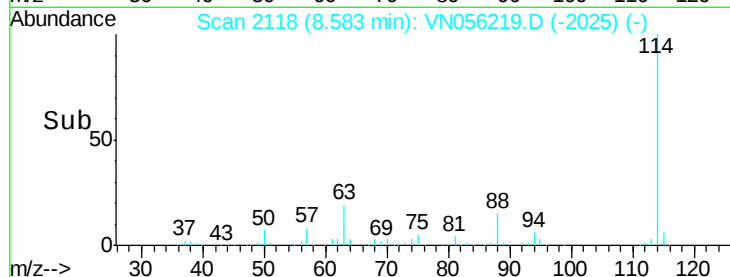
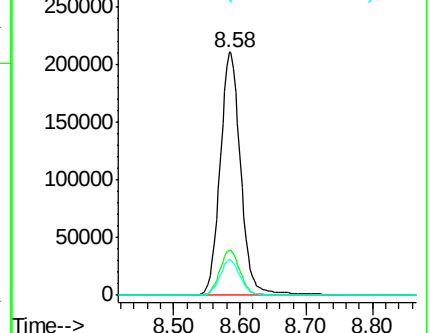
88 14.6 0.0 31.0



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: 53.592 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

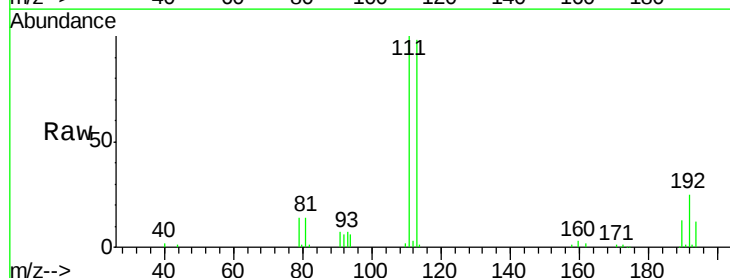
Tgt Ion:113 Resp: 149459

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

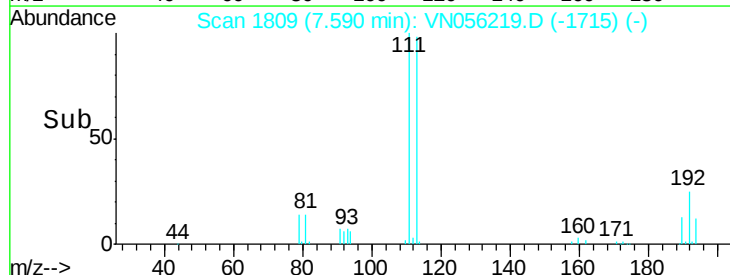
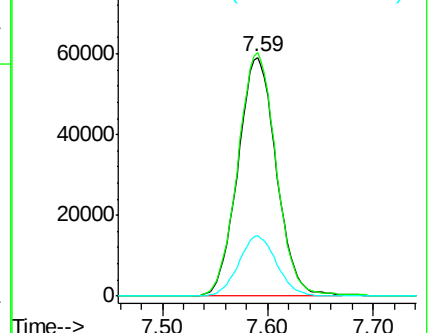
192 24.9 19.5 29.3

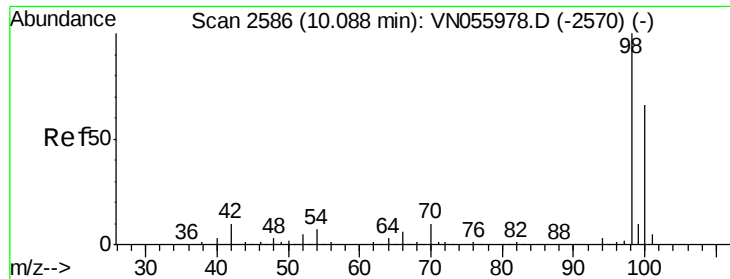


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.991 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

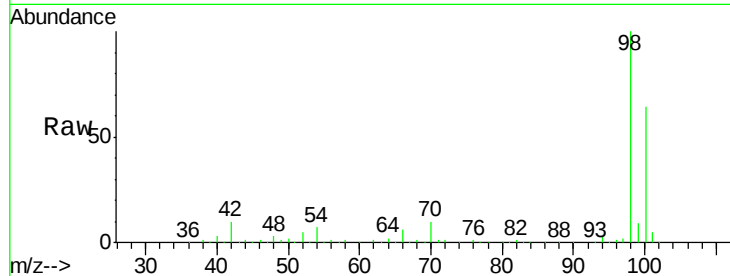
BPS1-TT-MW311S-20190609

Tot Ion: 98 Resp: 590131

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

300000

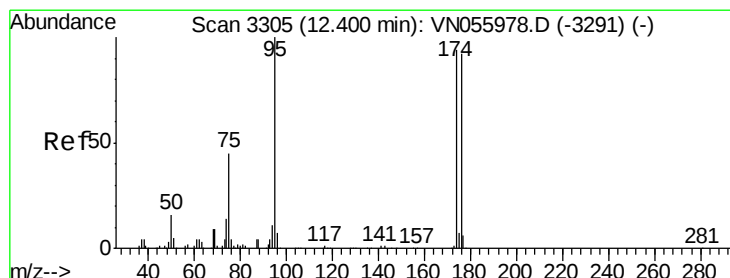
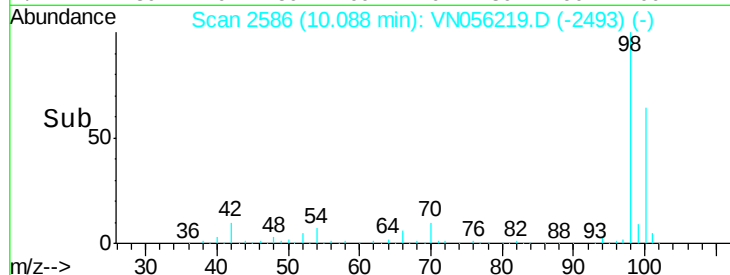
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 48.609 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

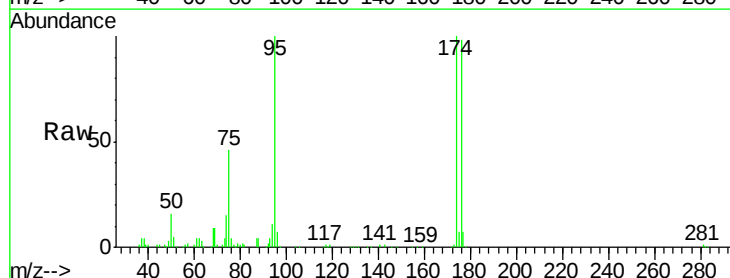
Tgt Ion: 95 Resp: 177397

Ion Ratio Lower Upper

95 100

174 99.8 0.0 191.0

176 98.5 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

12.40

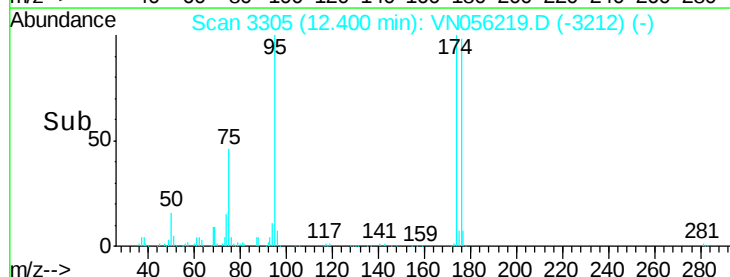
100000

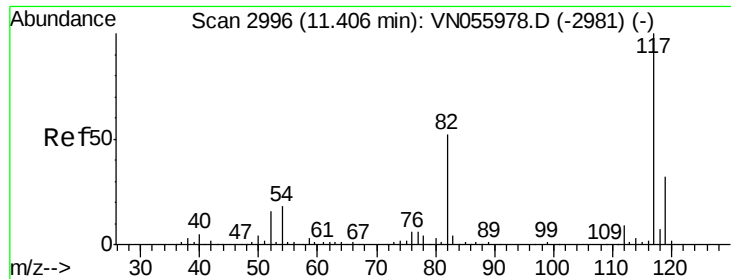
50000

0

Time-->

12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

Instrument :

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ClientSampleId :

BPS1-TT-MW311S-20190609

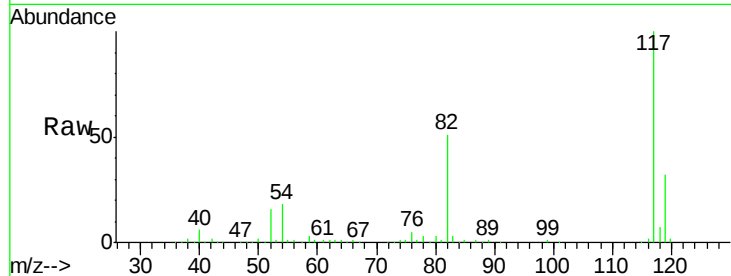
Tot Ion:117 Resp: 446084

Ion Ratio Lower Upper

117 100

82 50.9 41.8 62.8

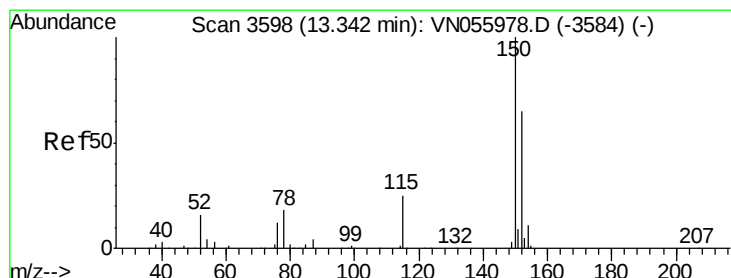
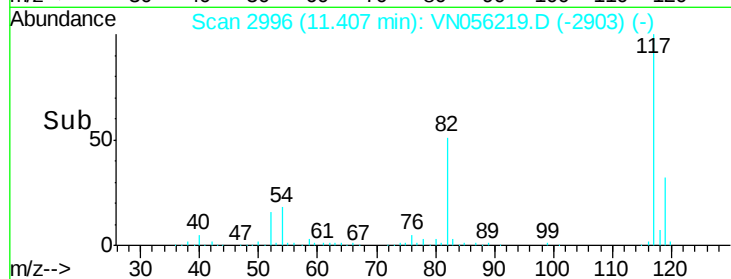
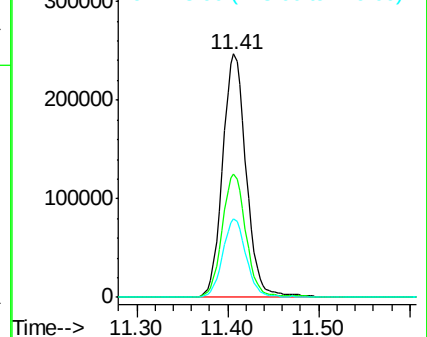
119 32.2 25.4 38.0



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056219.D

Acq: 11 Jun 2019 13:31

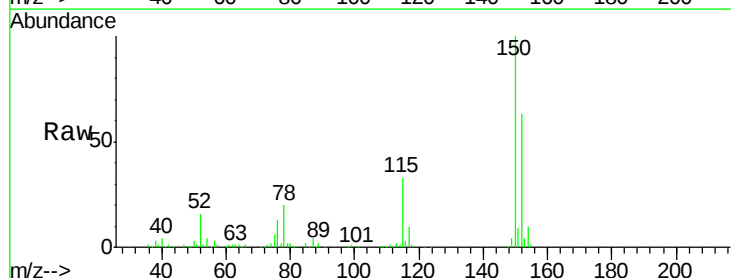
Tgt Ion:152 Resp: 129920

Ion Ratio Lower Upper

152 100

115 52.1 27.0 81.0

150 157.6 0.0 343.2



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

