

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056755.D
 Acq On : 16 Jul 2019 9:57
 Operator : JC/SP
 Sample : VN0716WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBL01

Quant Time: Jul 17 01:34:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	277657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	497045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190253	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	162927	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.59	113	147685	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	10.09	98	620553	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.40	95	224177	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	

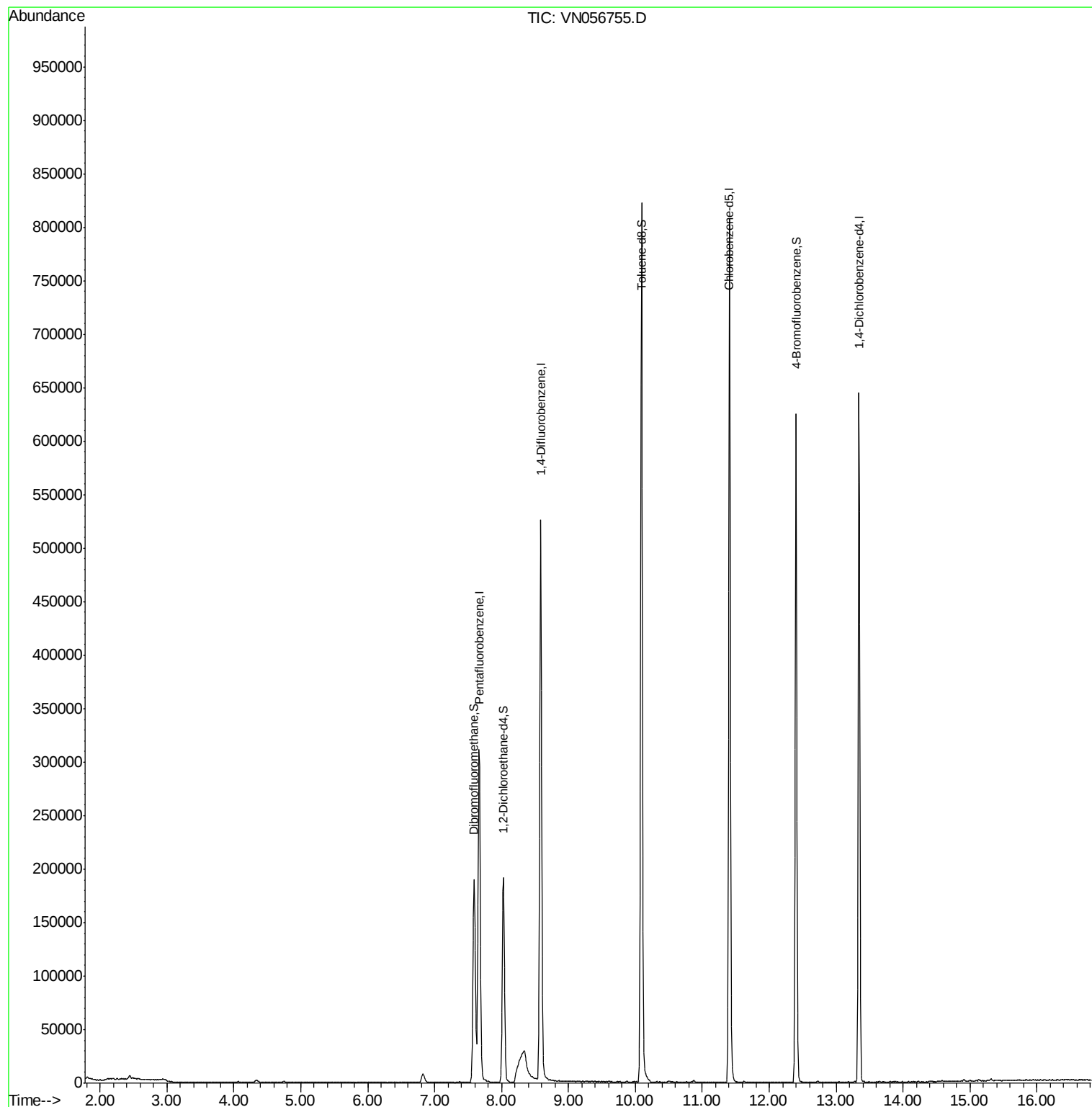
Target Compounds	Qvalue

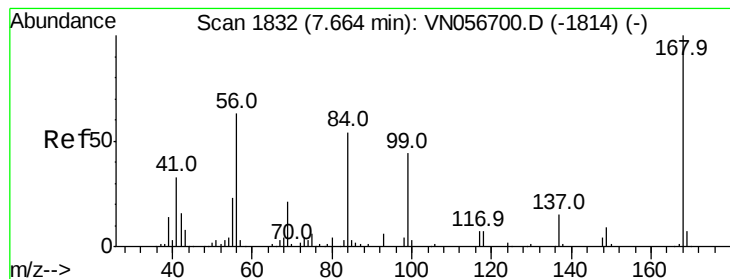
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071619\
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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: VN056755.D

Acq: 16 Jul 2019 9:57

Instrument :

MSVOA_N

ClientSampled :

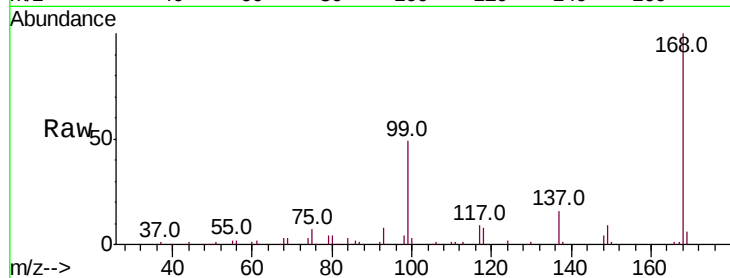
VN0716WBL01

Tot Ion:168 Resp: 277657

Ion Ratio Lower Upper

168 100

99 48.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

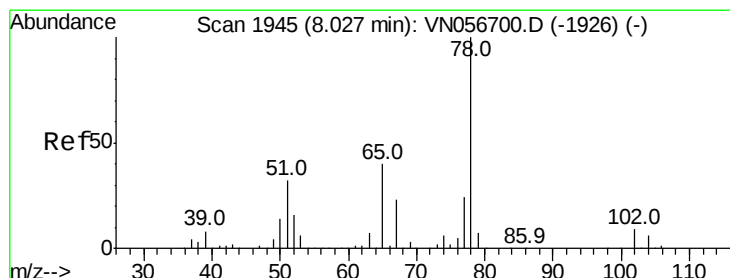
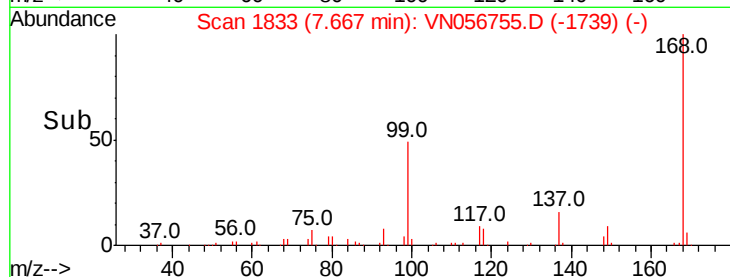
7.67

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.049 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056755.D

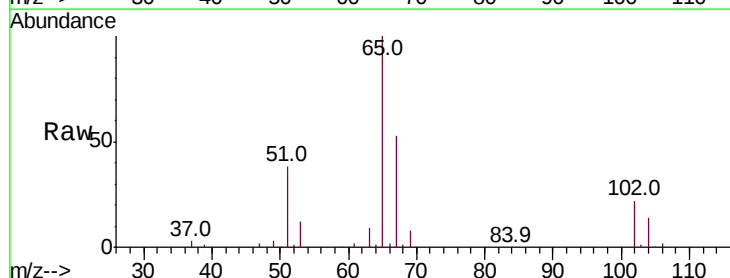
Acq: 16 Jul 2019 9:57

Tgt Ion: 65 Resp: 162927

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

80000

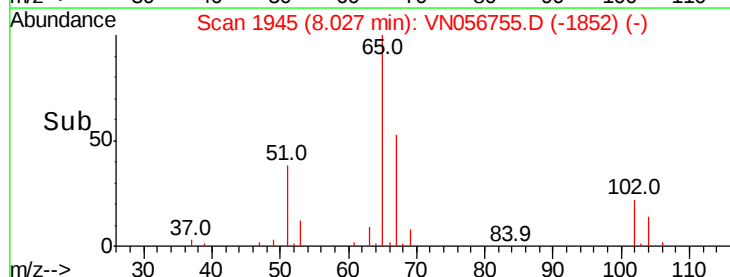
60000

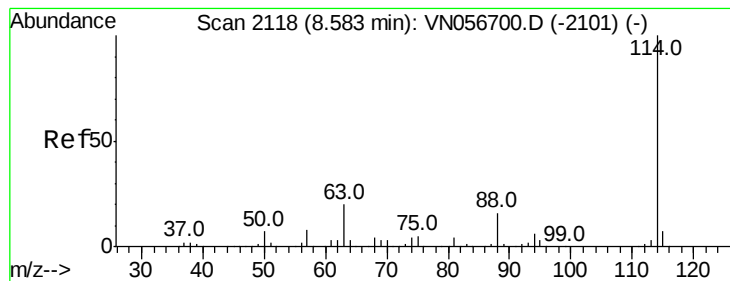
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056755.D

Acq: 16 Jul 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBL01

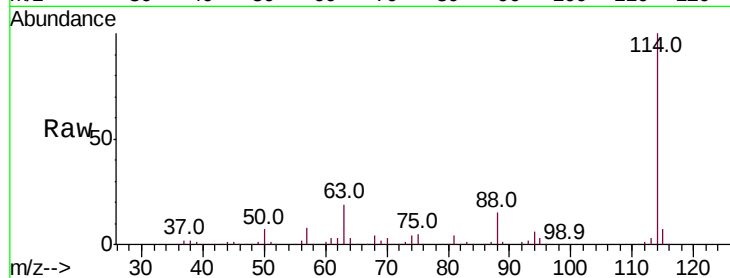
Tot Ion:114 Resp: 497045

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

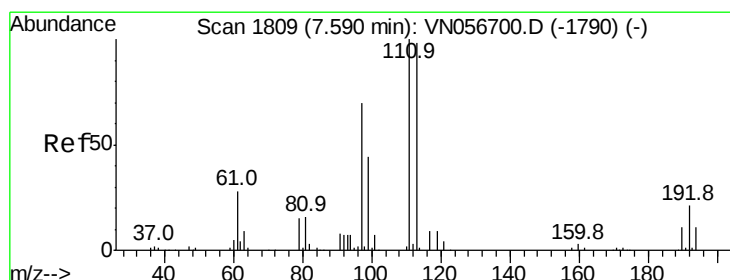
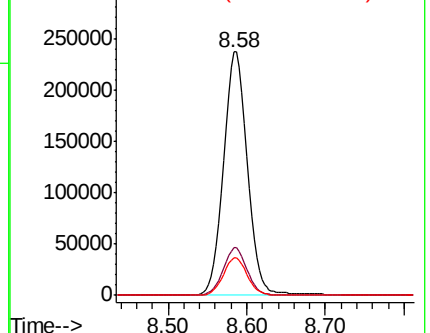
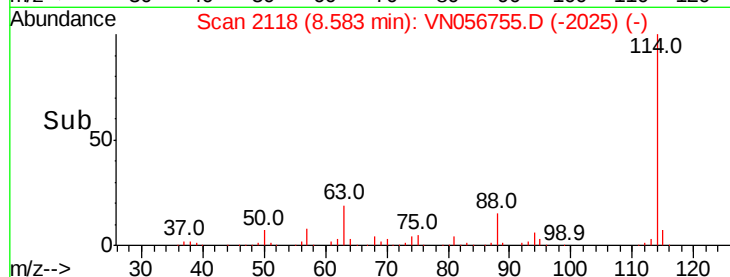
88 15.2 0.0 31.2



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: 47.745 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056755.D

Acq: 16 Jul 2019 9:57

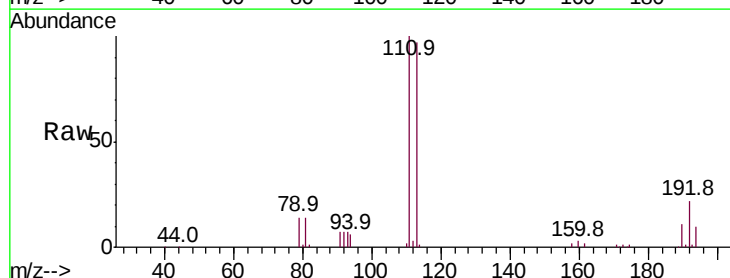
Tgt Ion:113 Resp: 147685

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

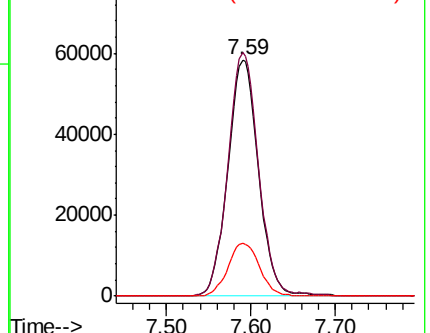
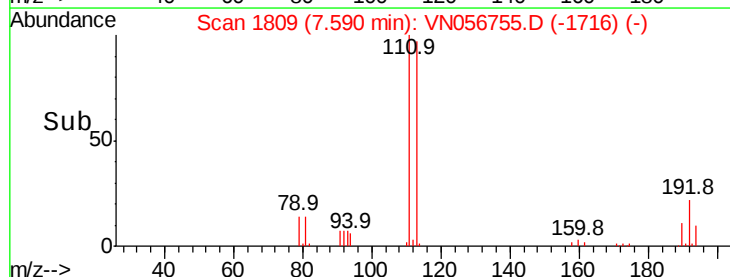
192 22.9 17.5 26.3

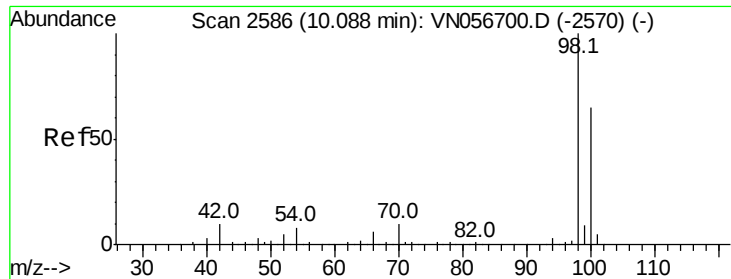


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.943 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056755.D

Acq: 16 Jul 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

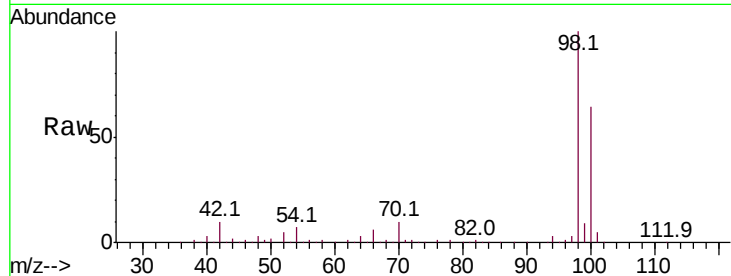
VN0716WBL01

Tot Ion: 98 Resp: 620553

Ion Ratio Lower Upper

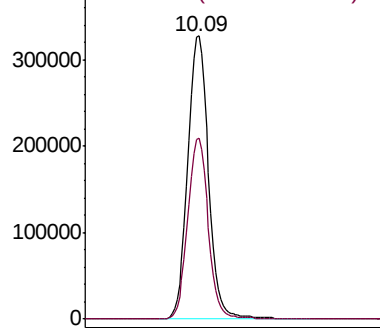
98 100

100 63.6 52.0 78.0

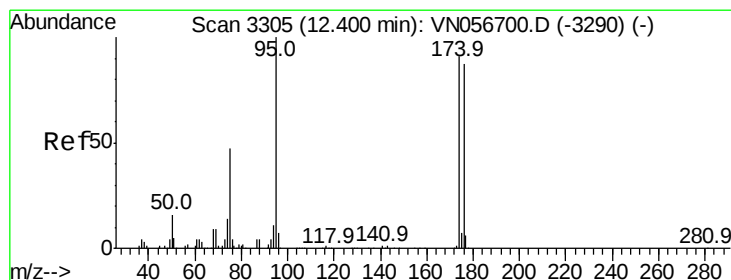
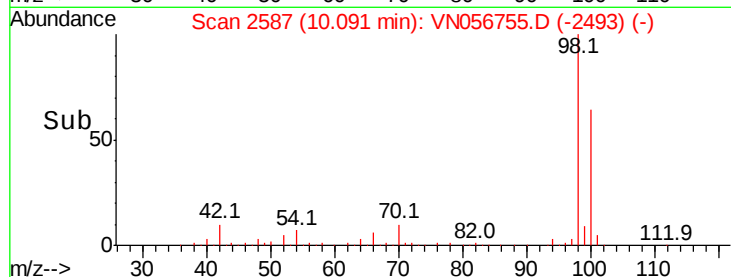


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 55.643 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056755.D

Acq: 16 Jul 2019 9:57

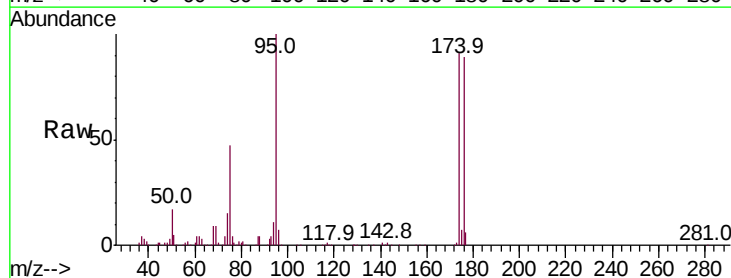
Tgt Ion: 95 Resp: 224177

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

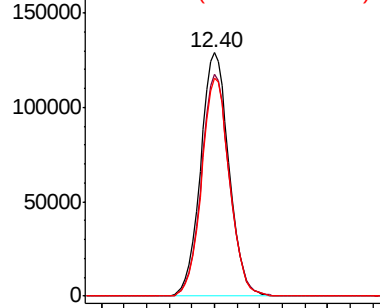
176 88.2 0.0 173.2



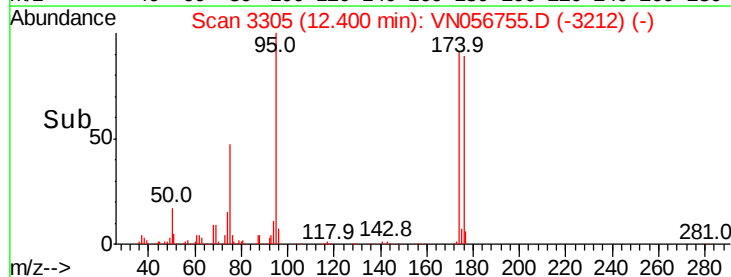
Abundance Ion 94.90 (94.60 to 95.60): VN0

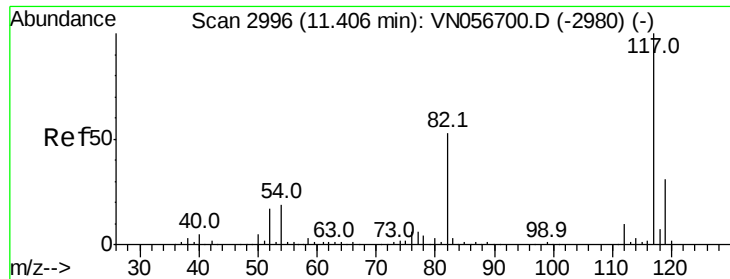
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056755.D

Acq: 16 Jul 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBL01

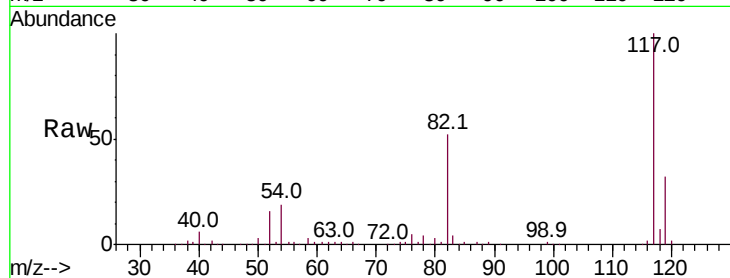
Tot Ion:117 Resp: 510314

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.2

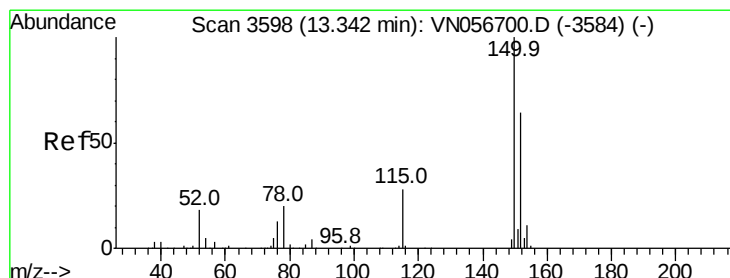
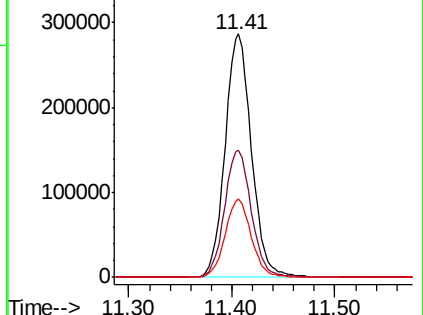
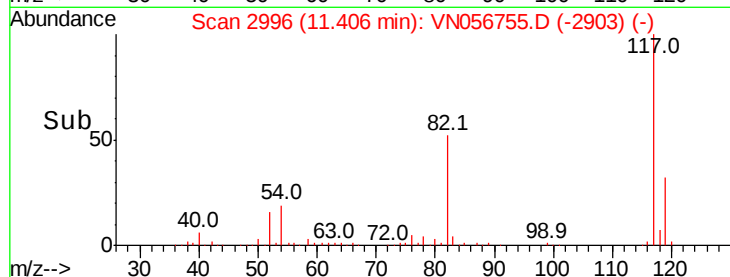
119 32.0 25.2 37.8



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: VN056755.D

Acq: 16 Jul 2019 9:57

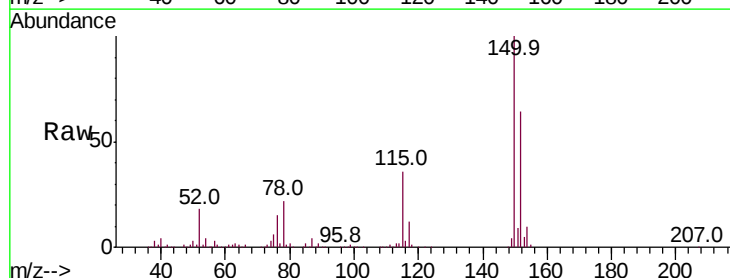
Tgt Ion:152 Resp: 190253

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 157.7 0.0 345.8



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

