

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056246.D
 Acq On : 12 Jun 2019 14:07
 Operator : JC/SP
 Sample : VN0612WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBL02

Quant Time: Jun 13 05:09:41 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	276567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	418746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	395084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	113906	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	144511	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
35) Dibromofluoromethane	7.59	113	138686	53.98	ug/l	0.00
Spiked Amount			Recovery	=	107.96%	
50) Toluene-d8	10.09	98	521665	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.40	95	155133	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	

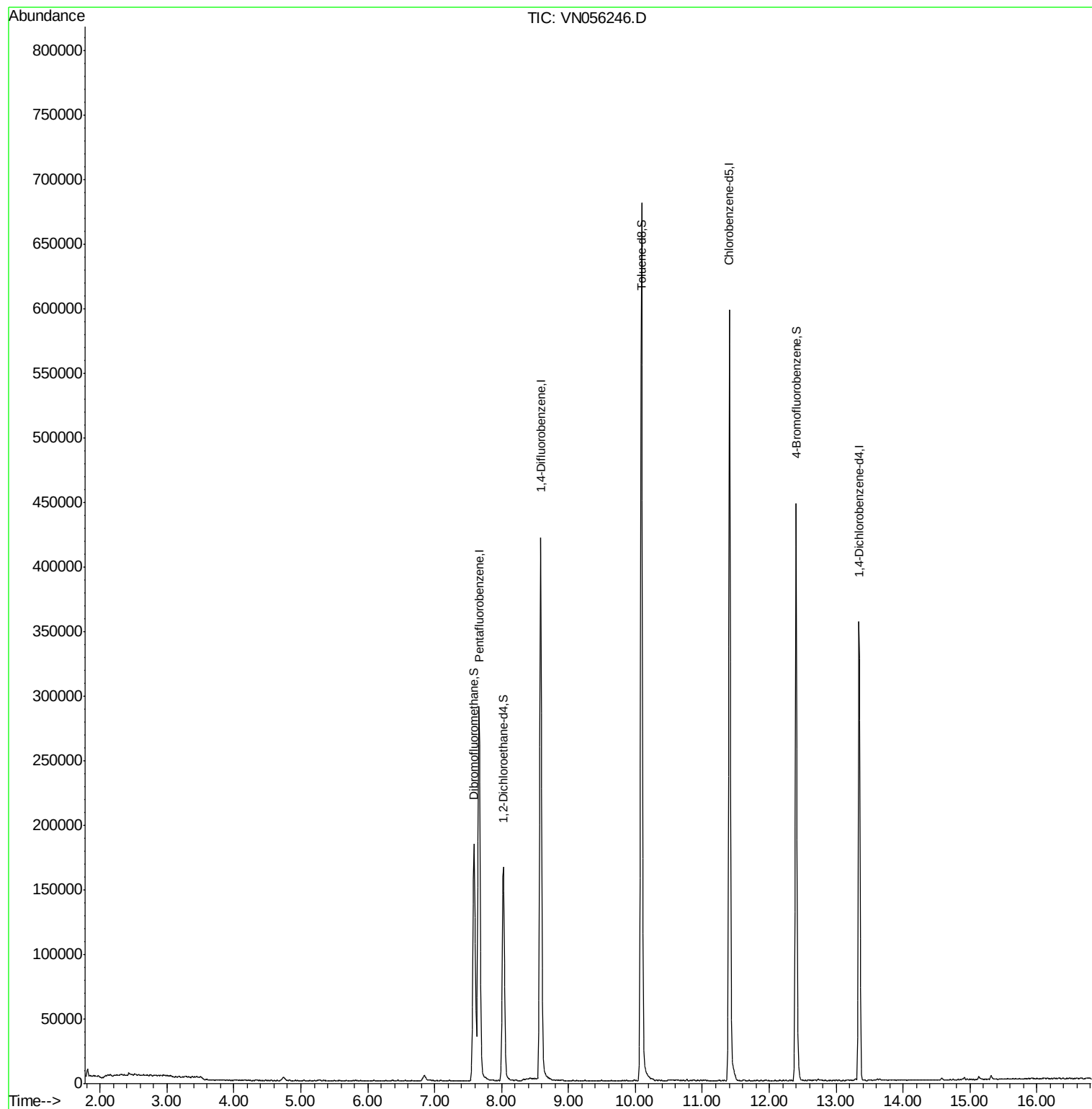
Target Compounds	Qvalue
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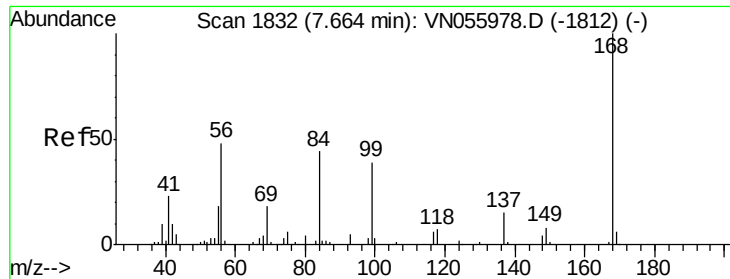
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056246.D

Acq: 12 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

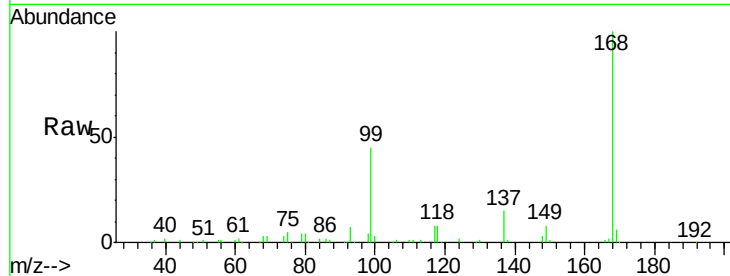
VN0612WBL02

Tot Ion:168 Resp: 276567

Ion Ratio Lower Upper

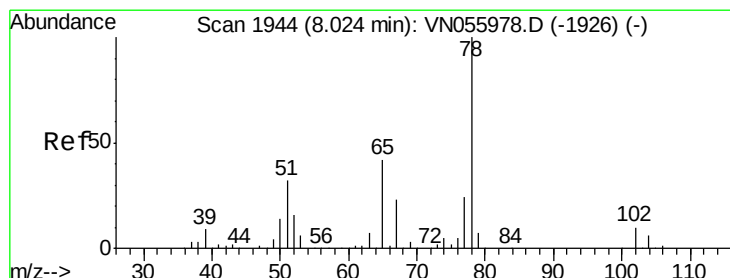
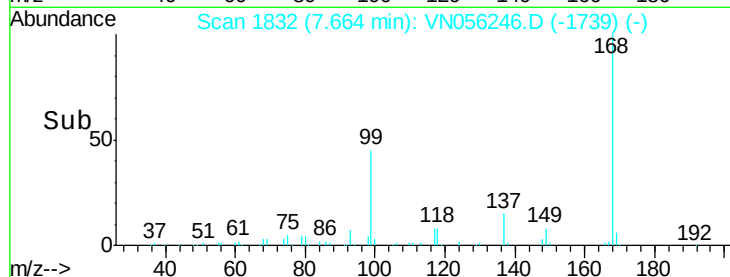
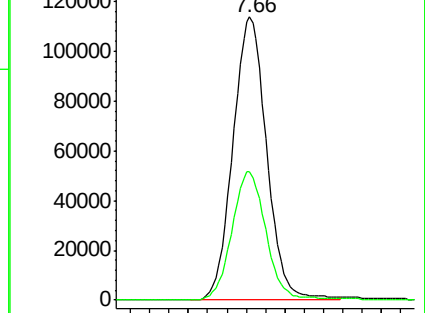
168 100

99 45.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.625 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056246.D

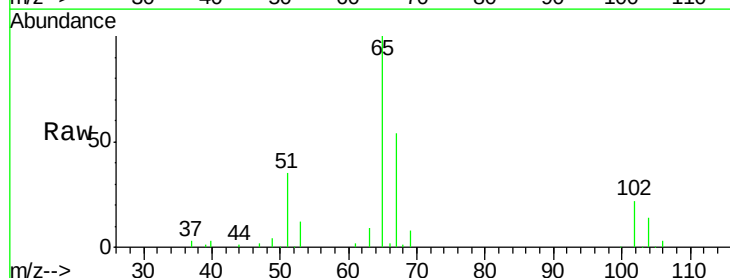
Acq: 12 Jun 2019 14:07

Tgt Ion: 65 Resp: 144511

Ion Ratio Lower Upper

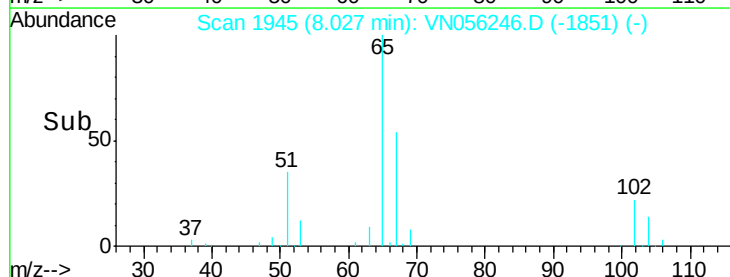
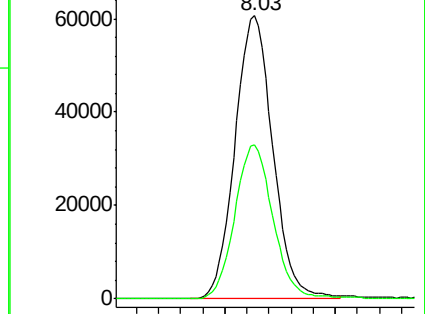
65 100

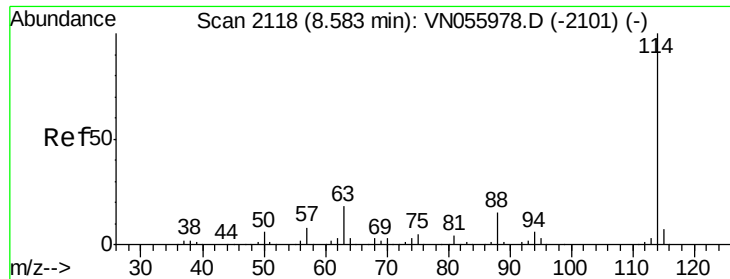
67 55.1 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

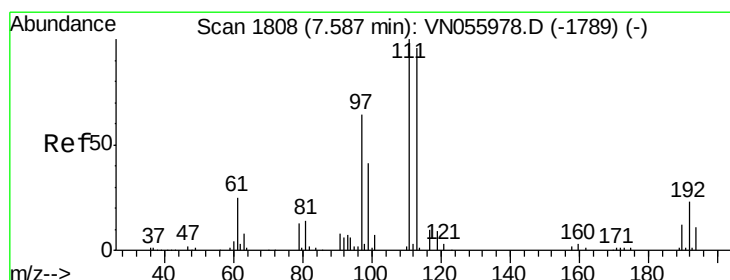
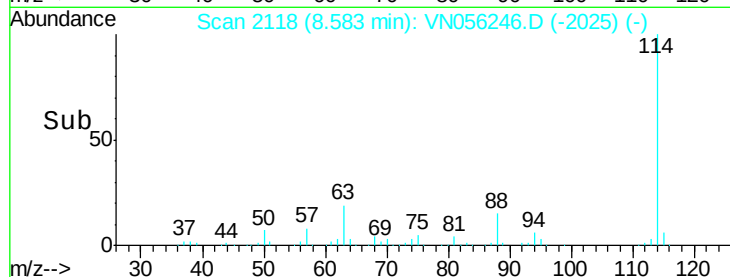
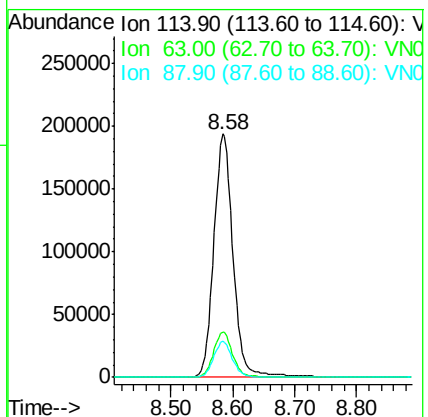
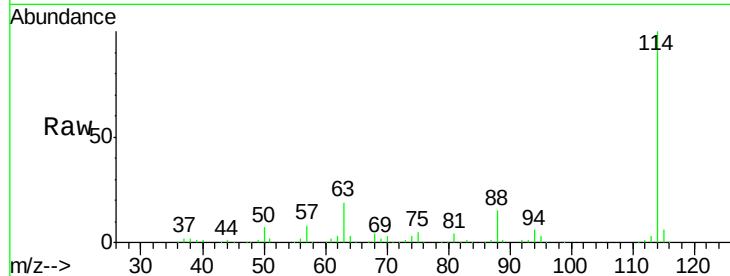




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN056246.D
Acq: 12 Jun 2019 14:07

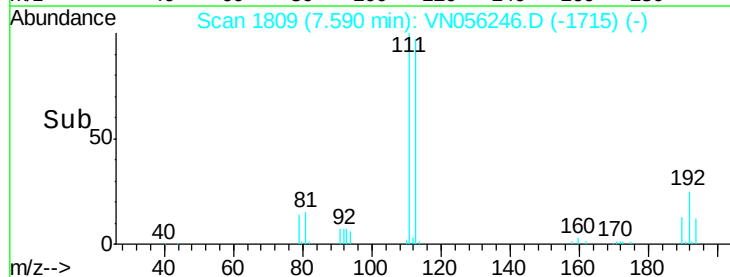
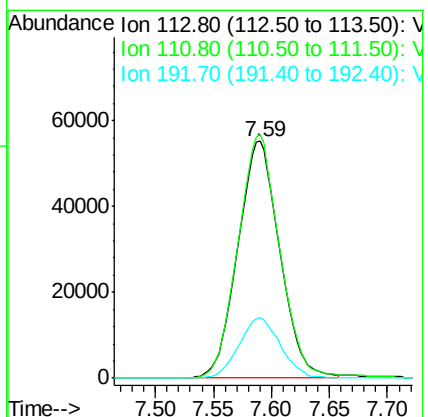
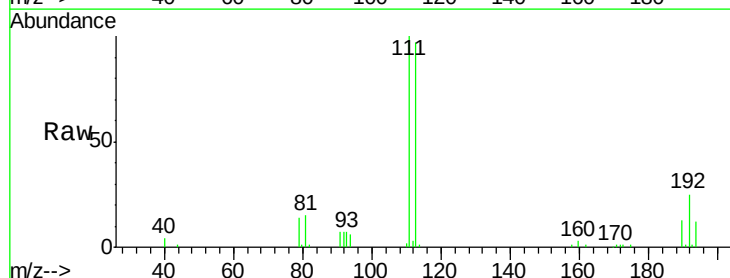
Instrument :
MSVOA_N
ClientSampled :
VN0612WBL02

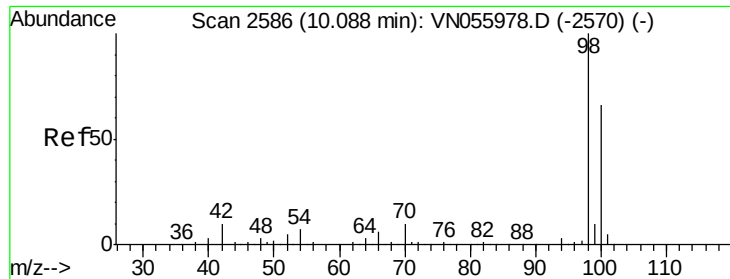
Tot Ion:114 Resp: 418746
Ion Ratio Lower Upper
114 100
63 18.7 0.0 39.2
88 14.8 0.0 31.0



#35
Dibromofluoromethane
Concen: 53.981 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056246.D
Acq: 12 Jun 2019 14:07

Tgt Ion:113 Resp: 138686
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 25.2 19.5 29.3





#50

Toluene-d8

Concen: 52.768 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056246.D

Acq: 12 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

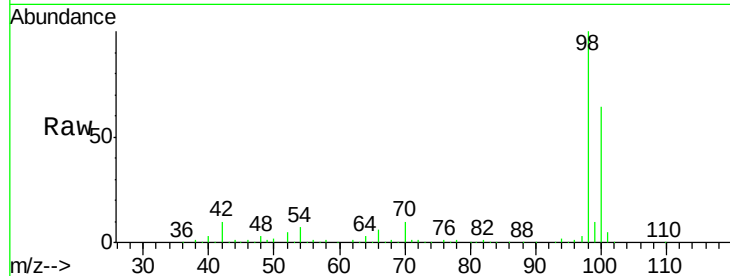
VN0612WBL02

Tot Ion: 98 Resp: 521665

Ion Ratio Lower Upper

98 100

100 64.7 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

250000

200000

150000

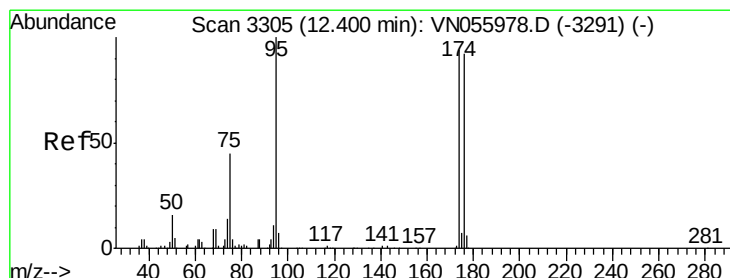
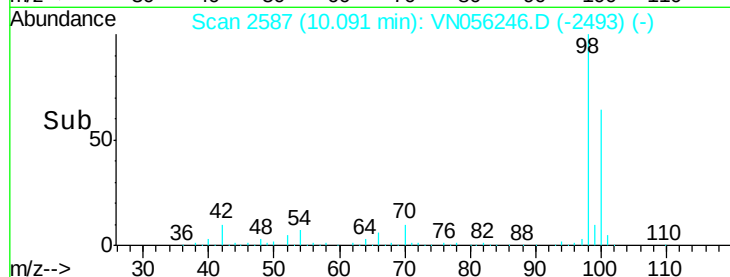
100000

50000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 46.143 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056246.D

Acq: 12 Jun 2019 14:07

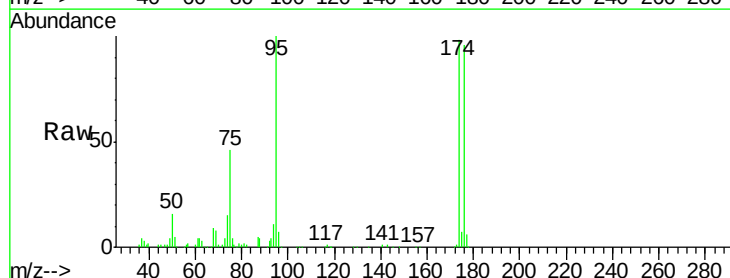
Tgt Ion: 95 Resp: 155133

Ion Ratio Lower Upper

95 100

174 99.1 0.0 191.0

176 96.9 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

120000

100000

80000

60000

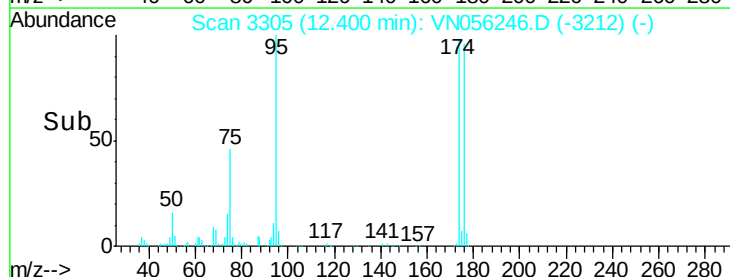
40000

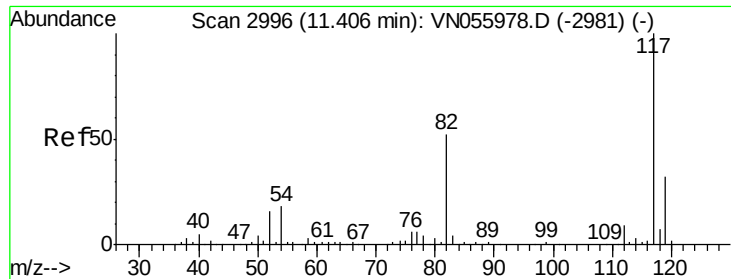
20000

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: VN056246.D

Acq: 12 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

VN0612WBL02

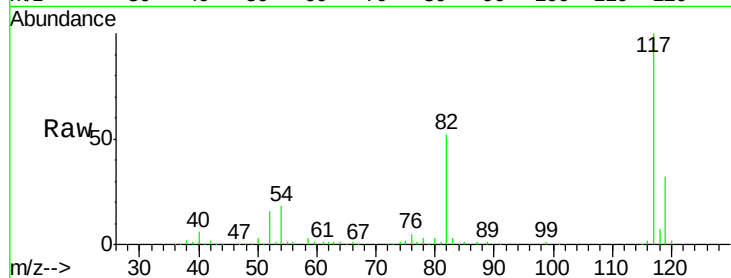
Tot Ion:117 Resp: 395084

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.8

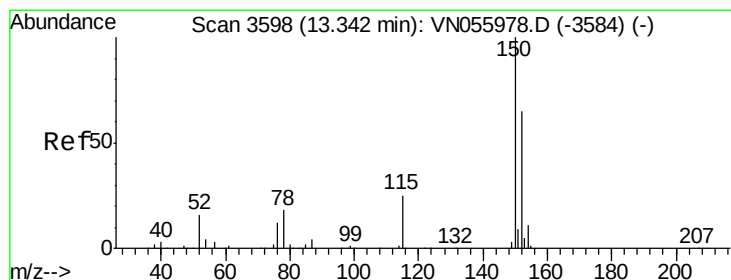
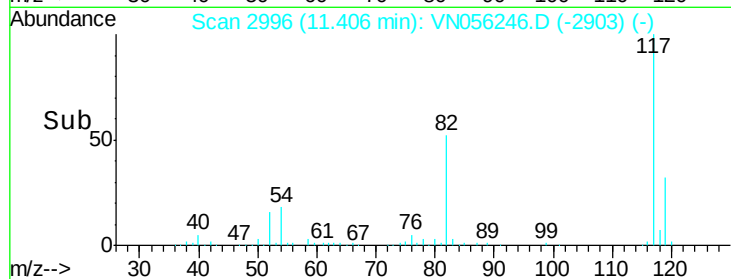
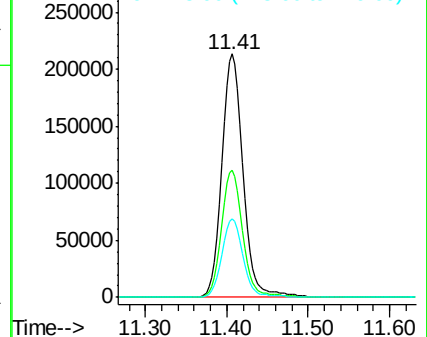
119 32.5 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN056246.D

Acq: 12 Jun 2019 14:07

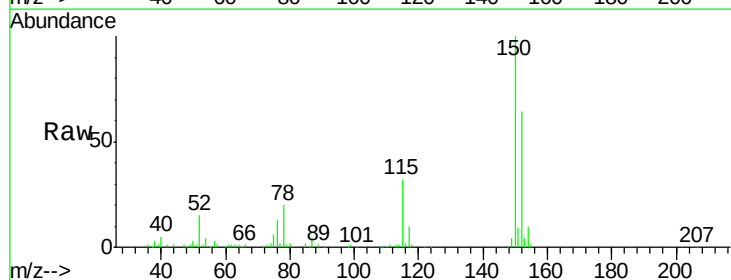
Tgt Ion:152 Resp: 113906

Ion Ratio Lower Upper

152 100

115 51.7 27.0 81.0

150 156.6 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

