

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060319\
 Data File : VN055966.D
 Acq On : 3 Jun 2019 17:10
 Operator : JC/SP
 Sample : K3104-10
 Misc : 5.36g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-251-688

Quant Time: Jun 04 02:10:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	317733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	479452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	430239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167678	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	156919	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	7.59	113	136723	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
50) Toluene-d8	10.09	98	561666	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.40	95	183108	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

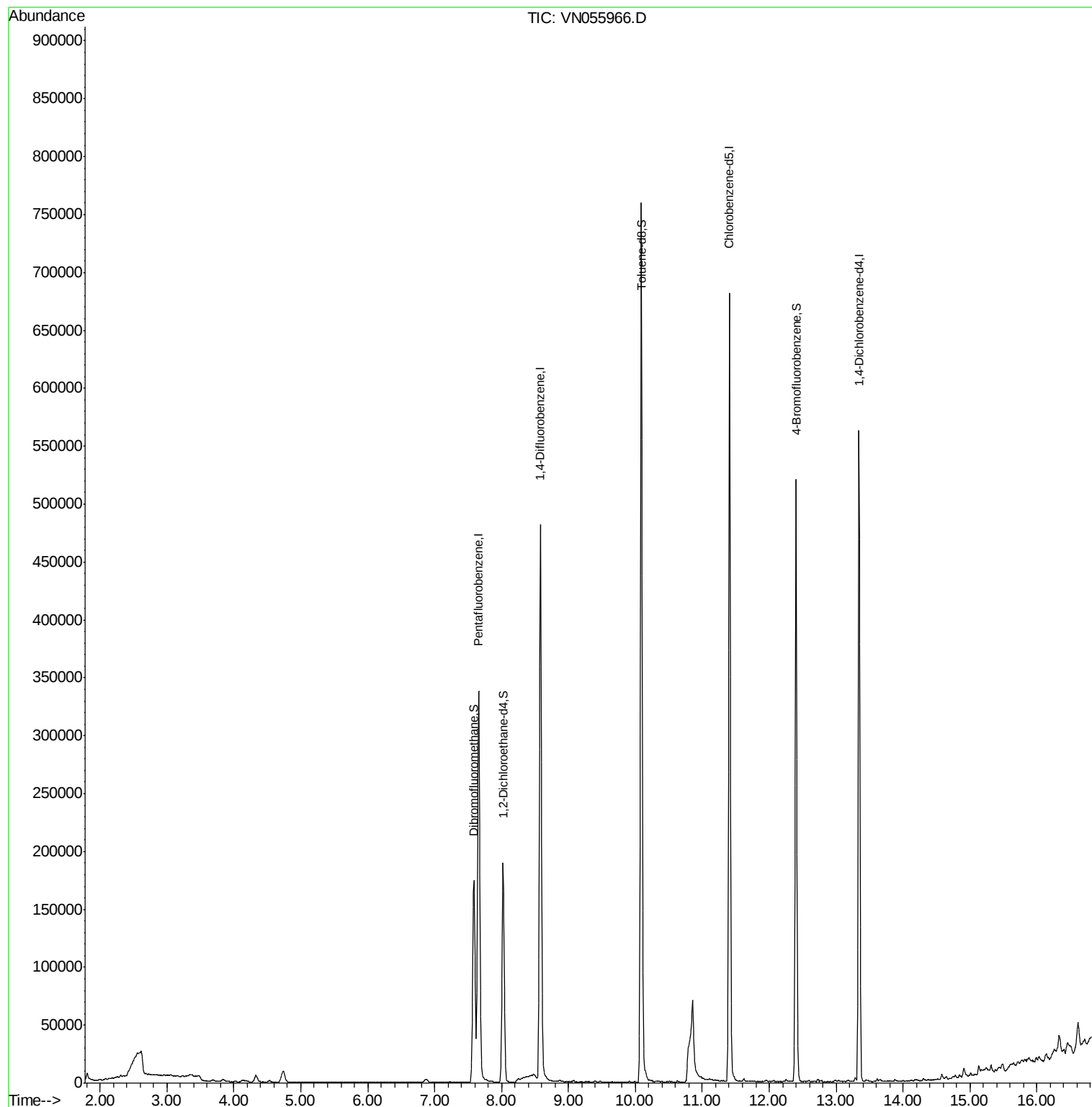
Target Compounds	Qvalue

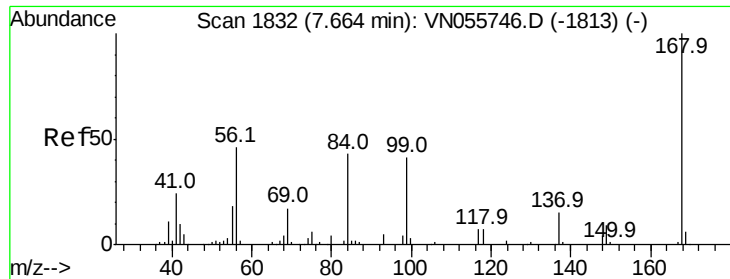
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055966.D

Acq: 3 Jun 2019 17:10

Instrument :

MSVOA_N

ClientSampled :

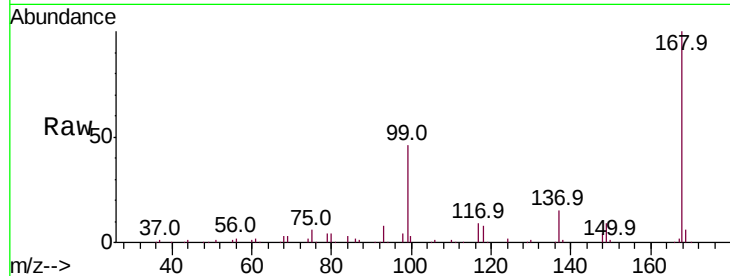
RBR-251-688

Tot Ion:168 Resp: 317733

Ion Ratio Lower Upper

168 100

99 46.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

150000 Ion 98.90 (98.60 to 99.60): VN0

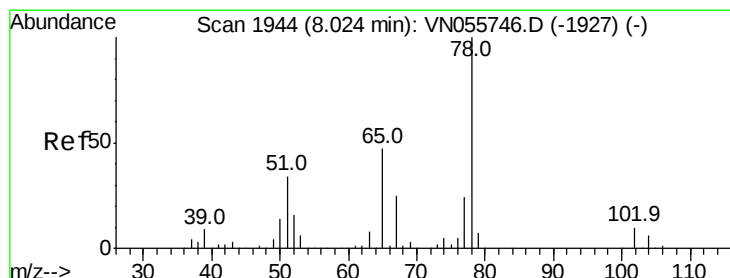
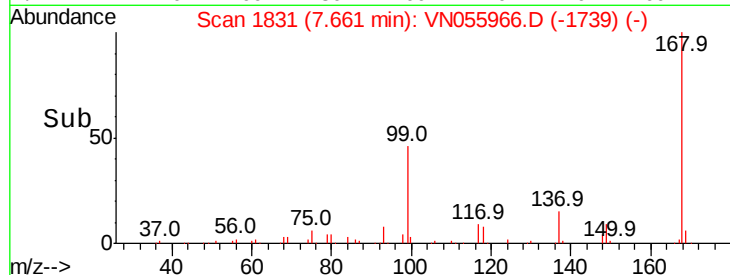
7.66

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.822 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN055966.D

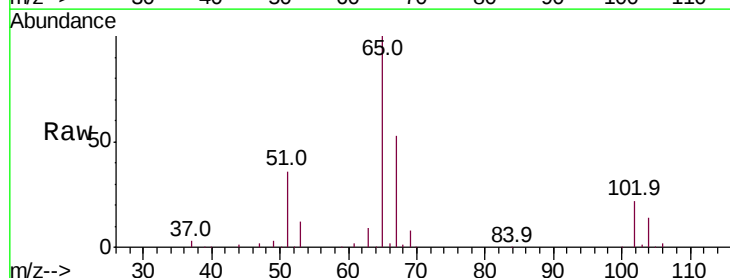
Acq: 3 Jun 2019 17:10

Tgt Ion: 65 Resp: 156919

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

80000 Ion 66.90 (66.60 to 67.60): VN0

8.02

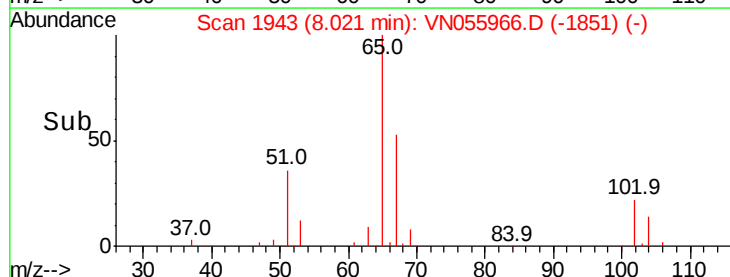
60000

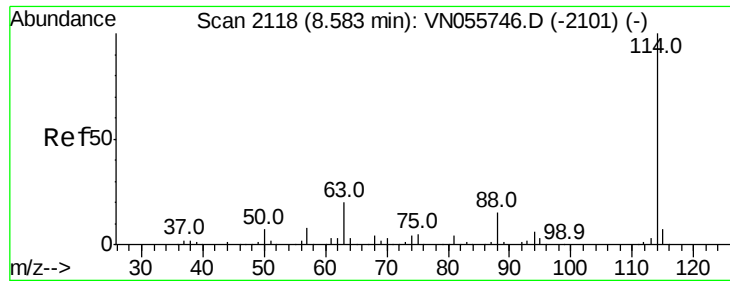
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN055966.D

Acq: 3 Jun 2019 17:10

Instrument :

MSVOA_N

ClientSampleId :

RBR-251-688

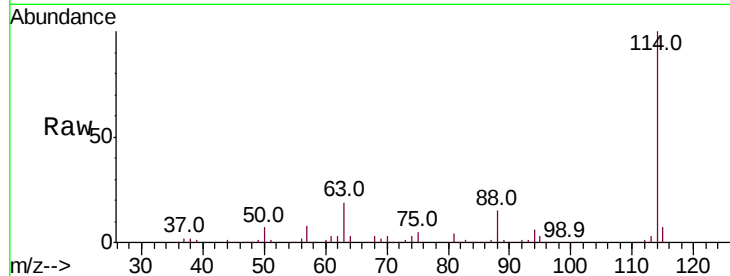
Tot Ion:114 Resp: 479452

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

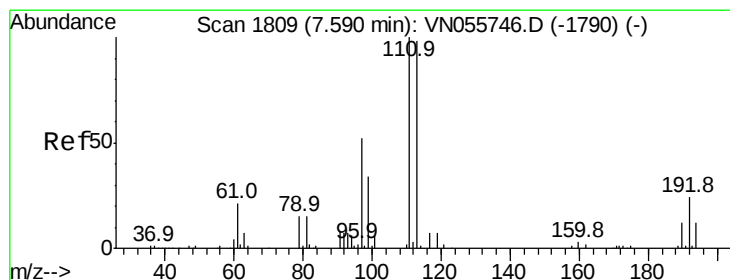
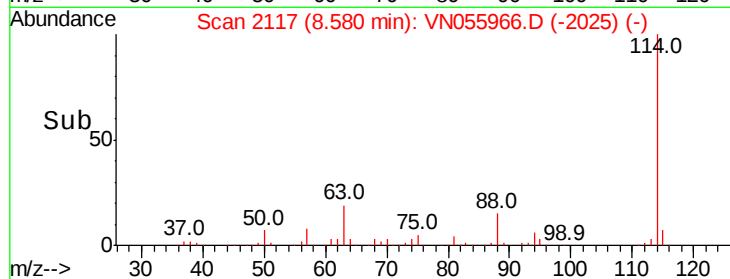
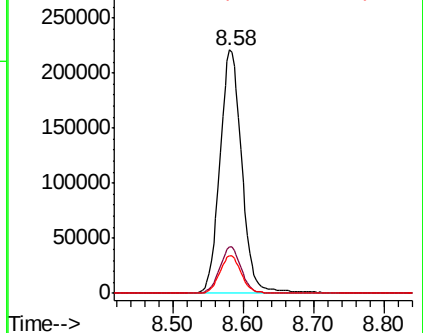
88 15.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 45.104 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN055966.D

Acq: 3 Jun 2019 17:10

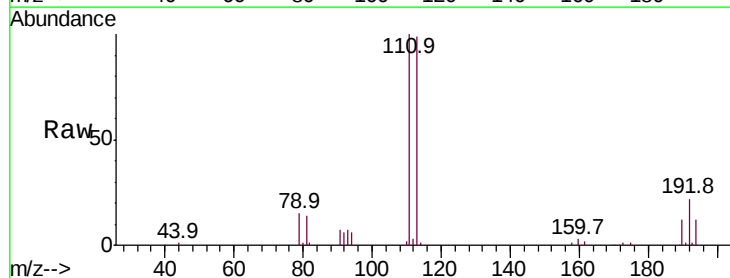
Tgt Ion:113 Resp: 136723

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

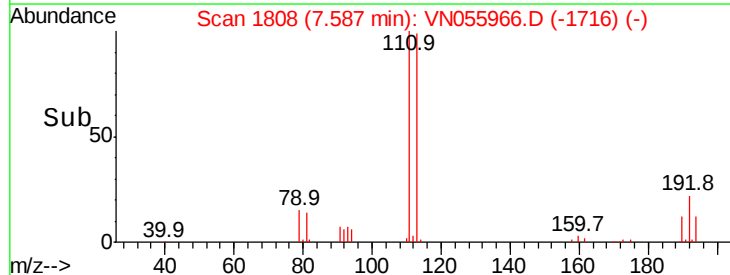
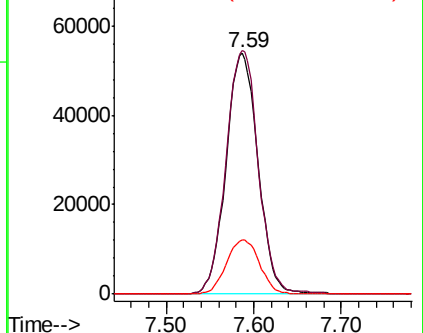
192 23.3 19.5 29.3

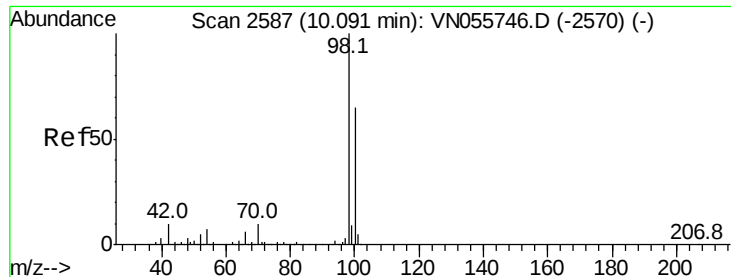


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.305 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055966.D

Acq: 3 Jun 2019 17:10

Instrument :

MSVOA_N

ClientSampleId :

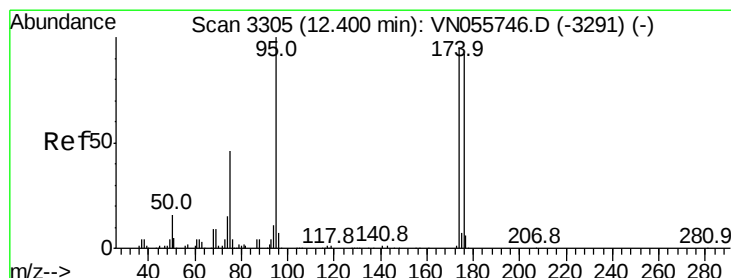
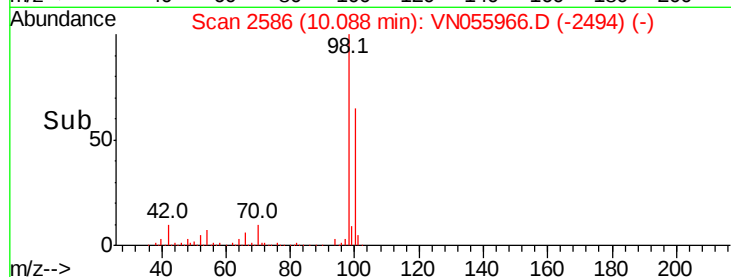
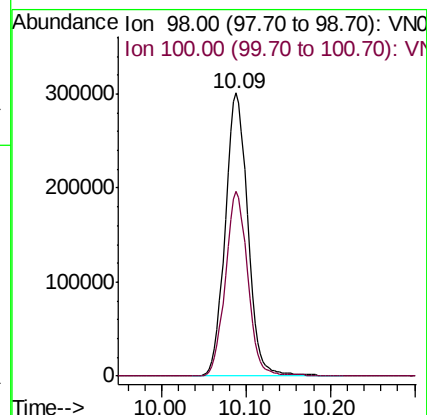
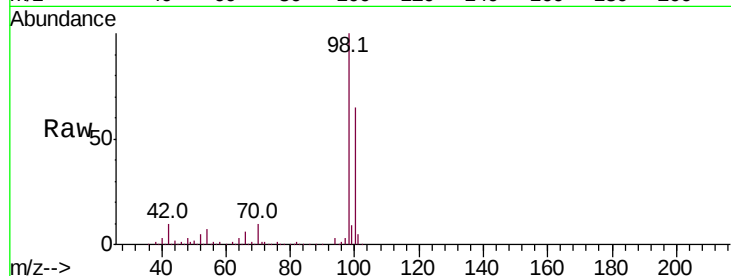
RBR-251-688

Tot Ion: 98 Resp: 561666

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.926 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055966.D

Acq: 3 Jun 2019 17:10

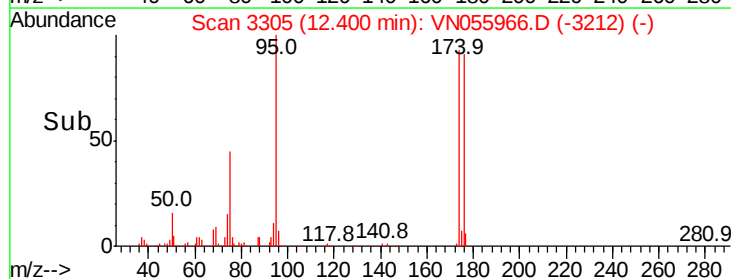
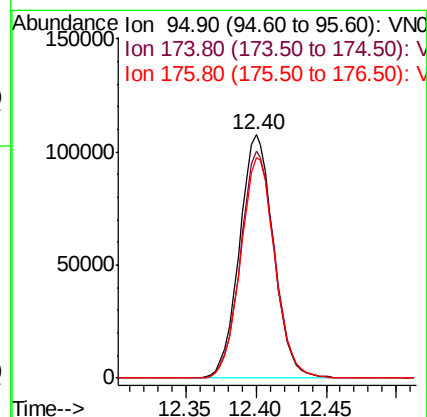
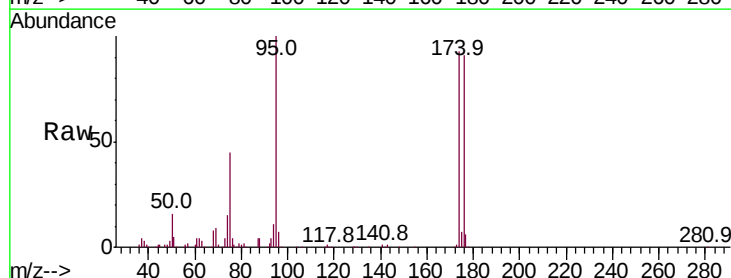
Tgt Ion: 95 Resp: 183108

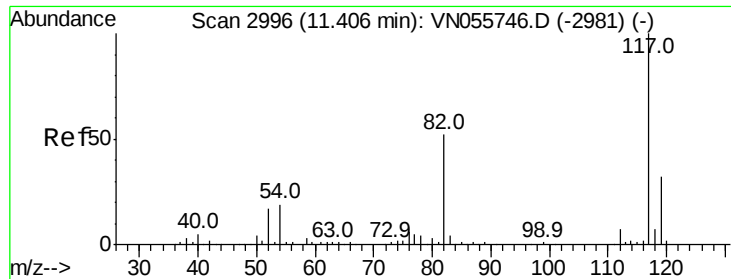
Ion Ratio Lower Upper

95 100

174 93.3 0.0 191.0

176 90.8 0.0 185.2

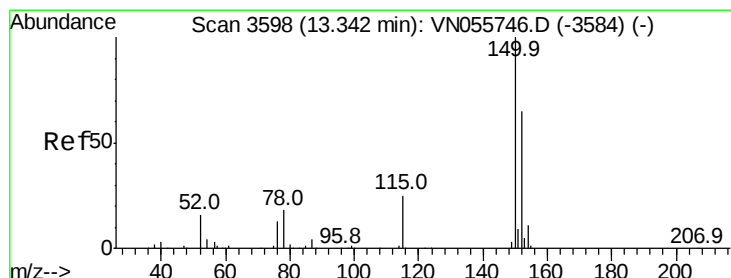
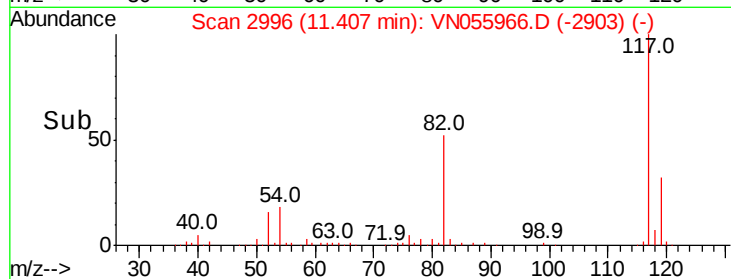
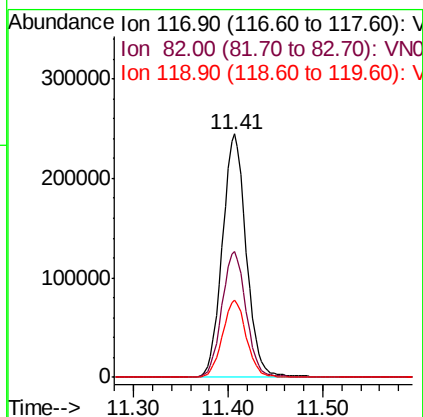
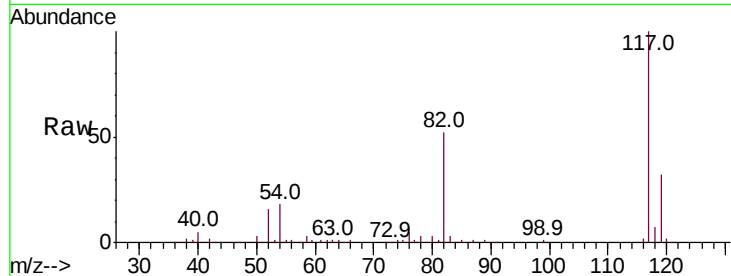




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055966.D
Acq: 3 Jun 2019 17:10

Instrument :
MSVOA_N
ClientSampleId :
RBR-251-688

Tot Ion:117 Resp: 430239
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055966.D
Acq: 3 Jun 2019 17:10

Tgt Ion:152 Resp: 167678
Ion Ratio Lower Upper
152 100
115 53.0 27.0 81.0
150 156.7 0.0 343.2

