

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055985.D
 Acq On : 4 Jun 2019 12:44
 Operator : JC/SP
 Sample : K3104-10
 Misc : 5.36g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-251-688

Quant Time: Jun 04 13:37:53 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	347476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	524086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	467359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184837	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	170018	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
35) Dibromofluoromethane	7.59	113	148084	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	
50) Toluene-d8	10.09	98	616140	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	199044	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	

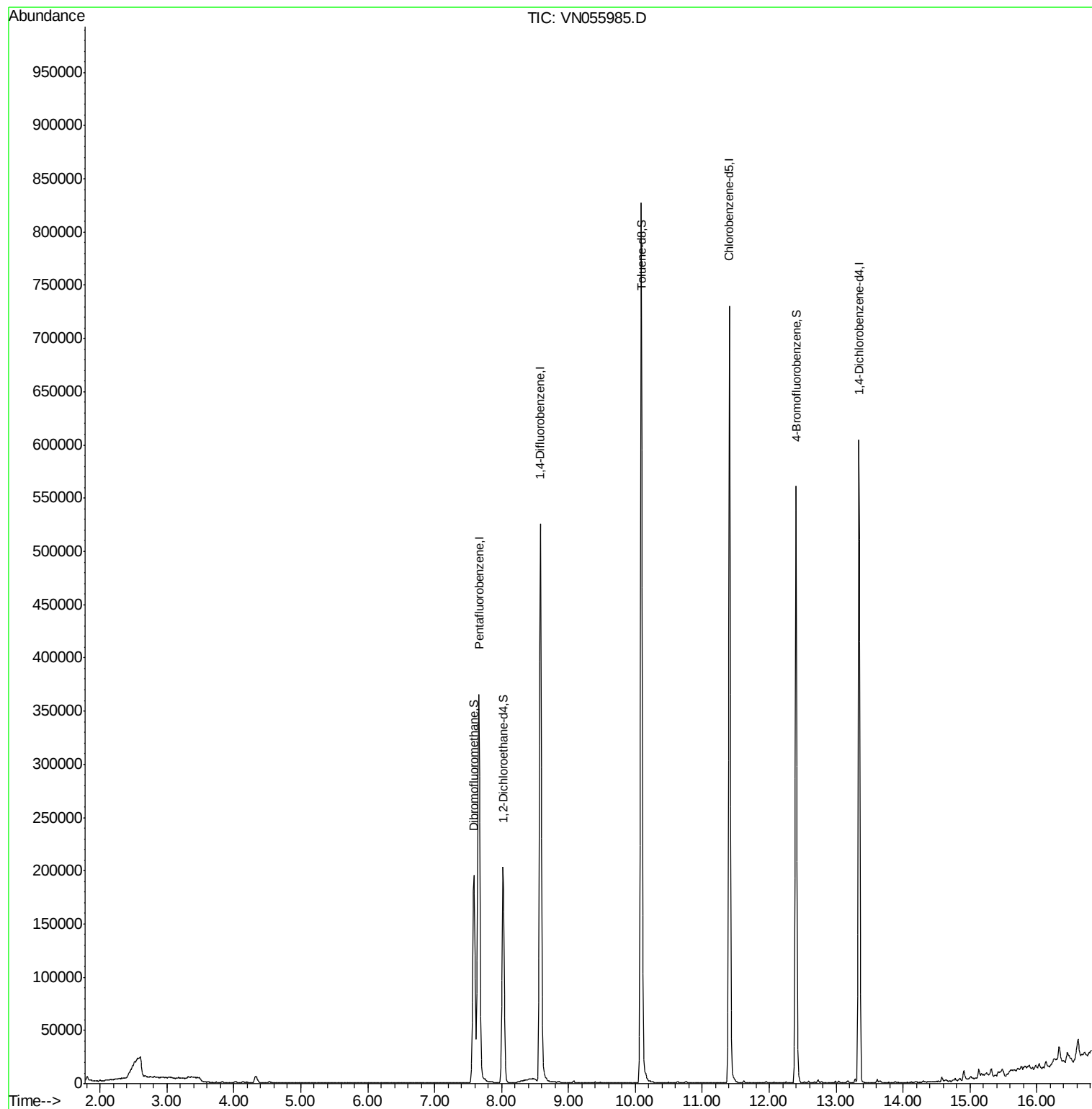
Target Compounds	Qvalue
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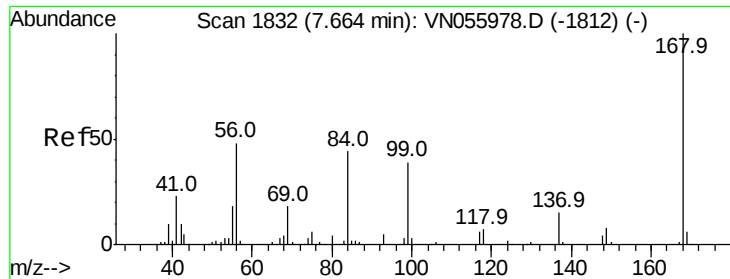
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
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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: VN055985.D

Acq: 4 Jun 2019 12:44

Instrument :

MSVOA_N

ClientSampleId :

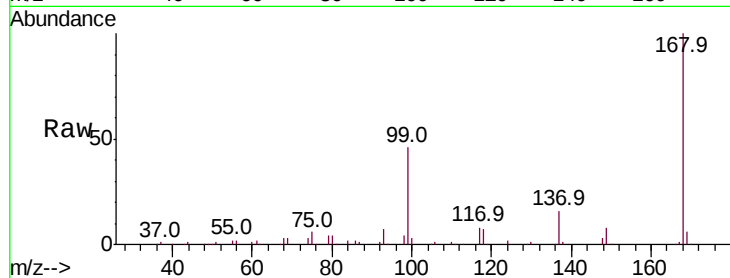
RBR-251-688

Tot Ion:168 Resp: 347476

Ion Ratio Lower Upper

168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

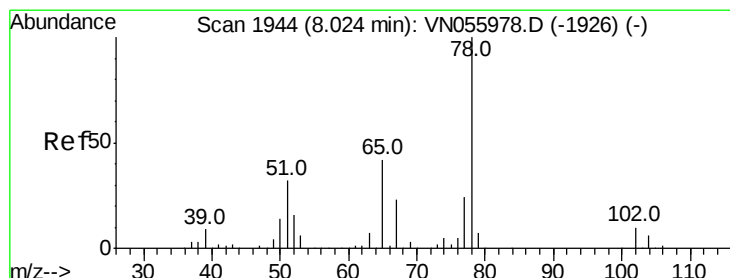
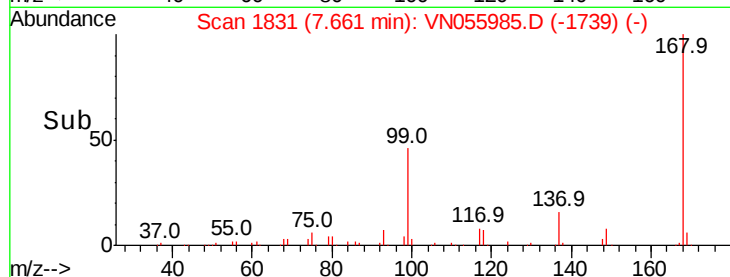
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.279 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN055985.D

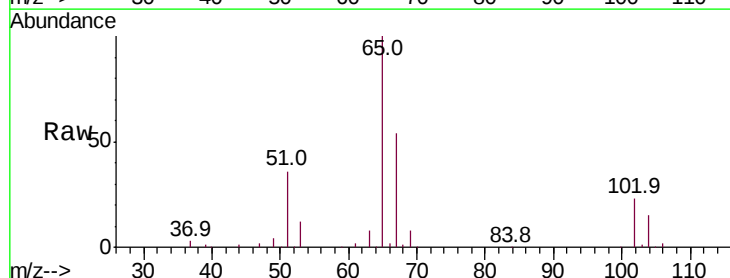
Acq: 4 Jun 2019 12:44

Tgt Ion: 65 Resp: 170018

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.02

80000

60000

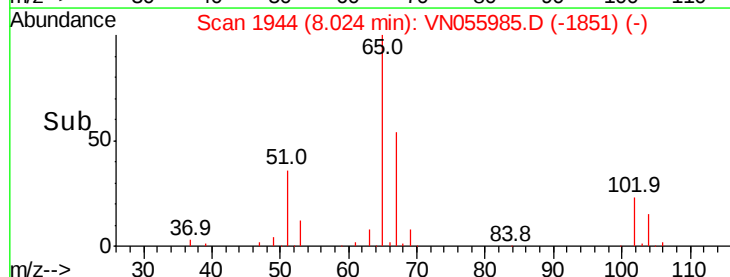
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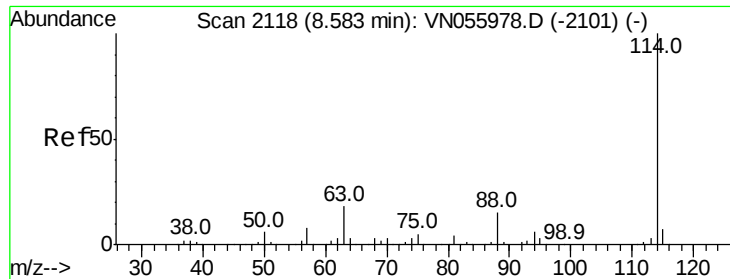
20000

0

7.90 8.00 8.10

Time-->



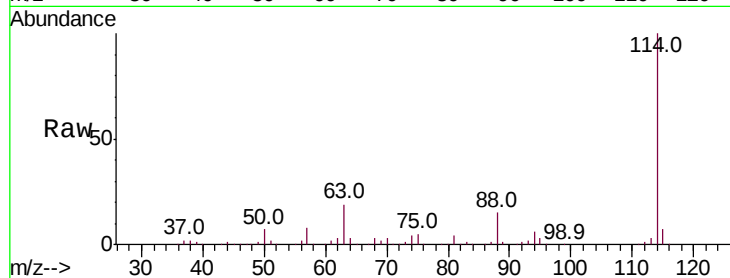


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN055985.D
 Acq: 4 Jun 2019 12:44

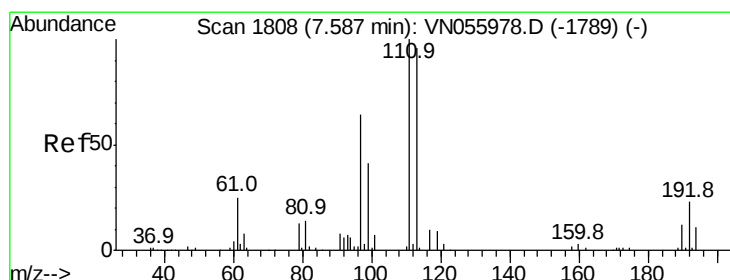
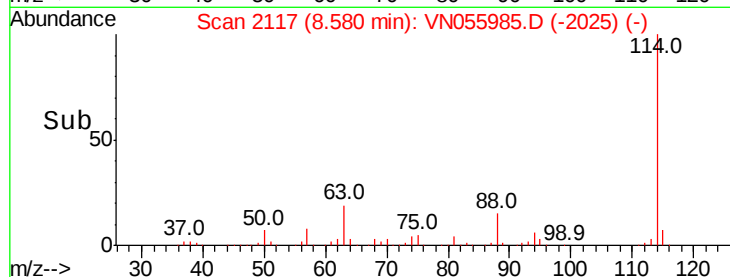
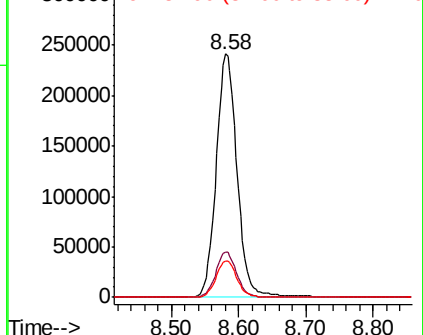
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-251-688

Tot Ion:114 Resp: 524086

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.2
88	15.1	0.0	31.0



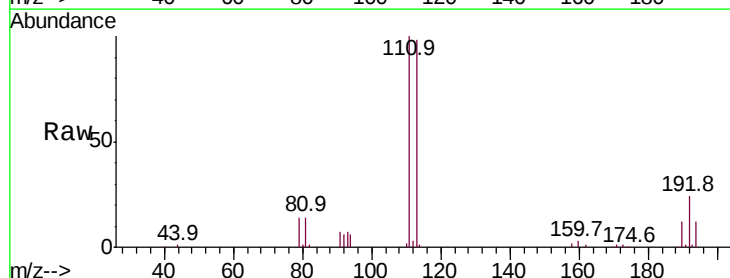
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



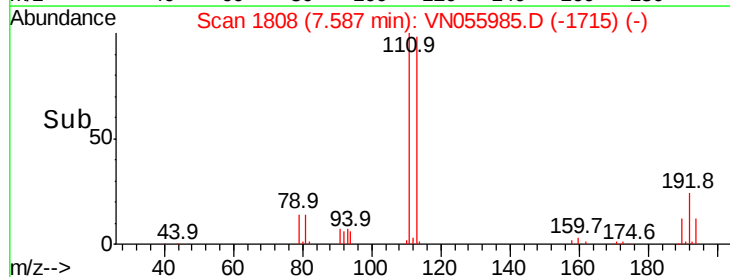
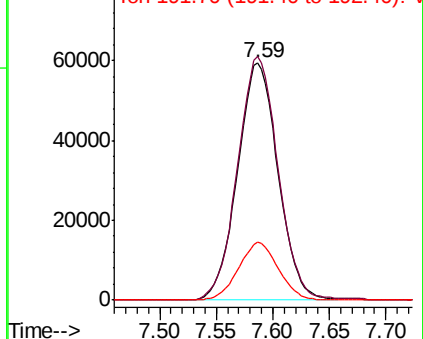
#35
 Dibromofluoromethane
 Concen: 46.054 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN055985.D
 Acq: 4 Jun 2019 12:44

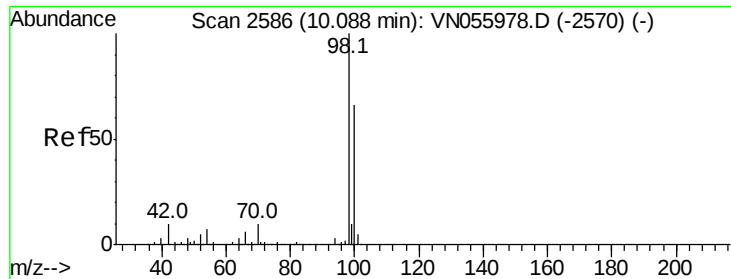
Tgt Ion:113 Resp: 148084

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	23.9	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: 49.797 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055985.D

Acq: 4 Jun 2019 12:44

Instrument :

MSVOA_N

ClientSampleId :

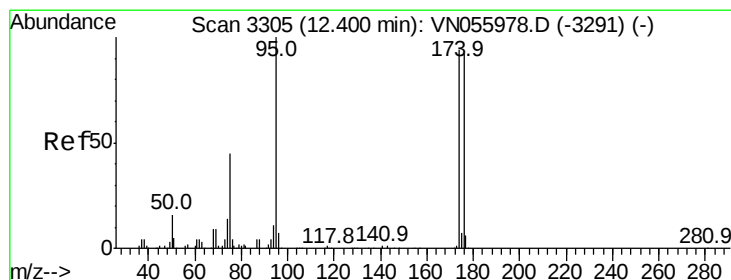
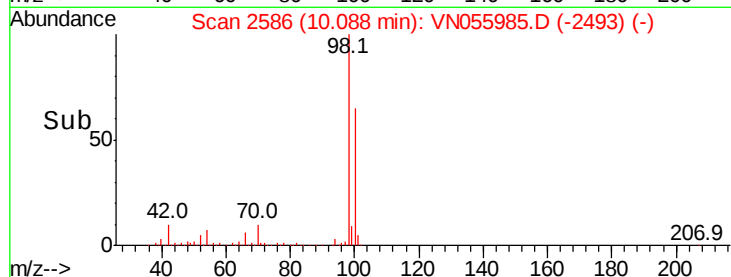
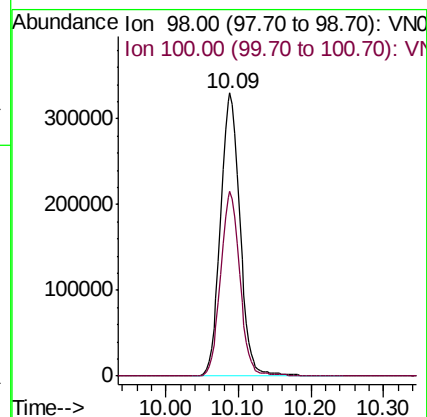
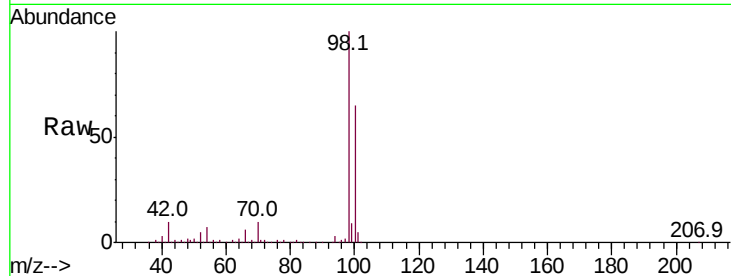
RBR-251-688

Tot Ion: 98 Resp: 616140

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 47.304 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055985.D

Acq: 4 Jun 2019 12:44

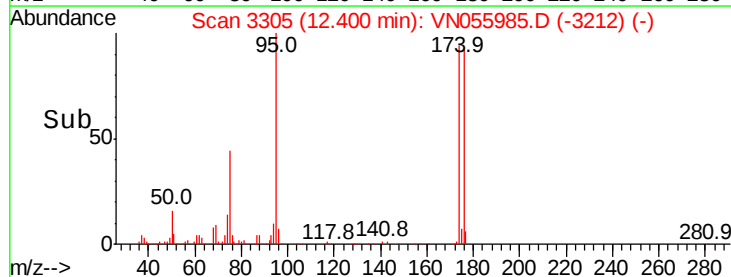
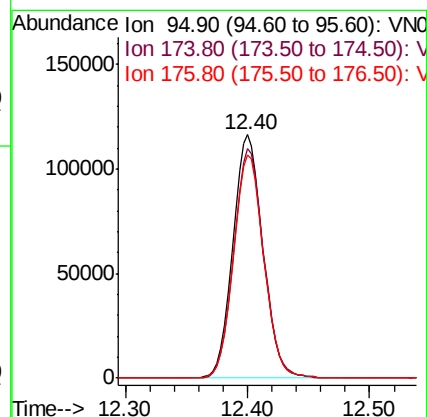
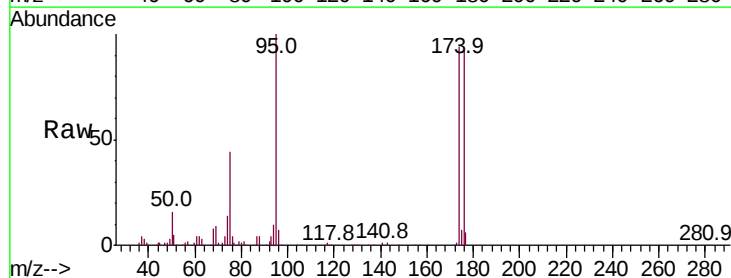
Tgt Ion: 95 Resp: 199044

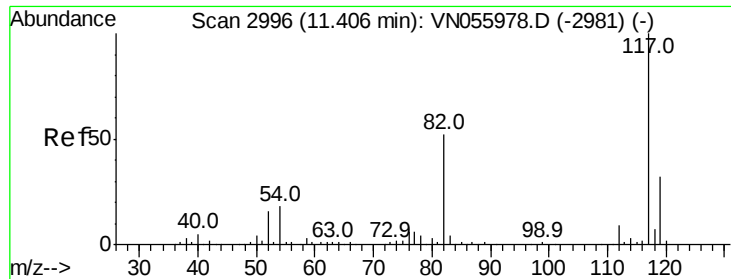
Ion Ratio Lower Upper

95 100

174 94.6 0.0 191.0

176 92.5 0.0 185.2

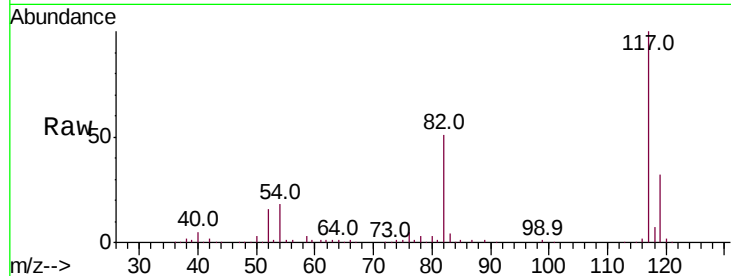




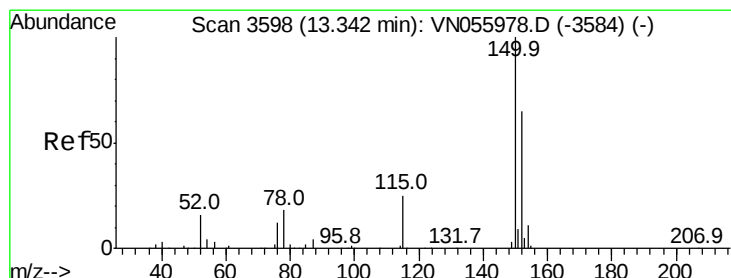
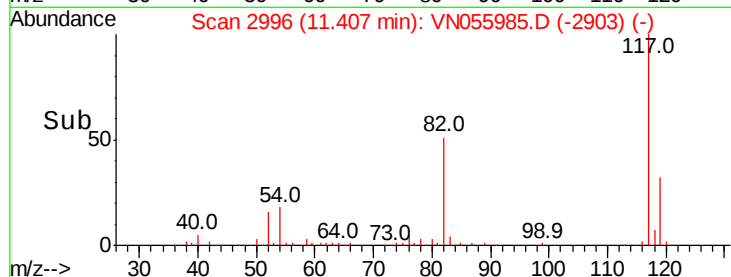
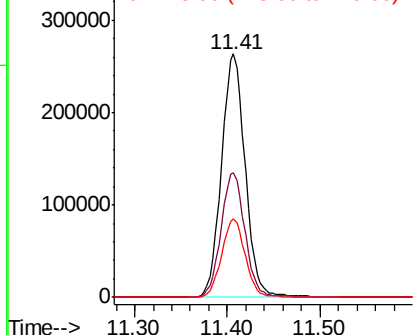
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055985.D
Acq: 4 Jun 2019 12:44

Instrument :
MSVOA_N
ClientSampleId :
RBR-251-688

Tot Ion:117 Resp: 467359
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 32.3 25.4 38.0

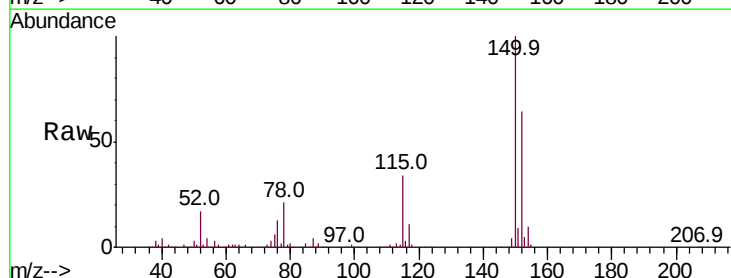


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055985.D
Acq: 4 Jun 2019 12:44

Tgt Ion:152 Resp: 184837
Ion Ratio Lower Upper
152 100
115 52.7 27.0 81.0
150 156.8 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

