

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
 Data File : VN055332.D
 Acq On : 1 May 2019 16:45
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: May 02 08:45:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	389065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	676712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	624694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	173732	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	277509	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
35) Dibromofluoromethane	7.59	113	224802	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.09	98	846444	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.40	95	262144	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

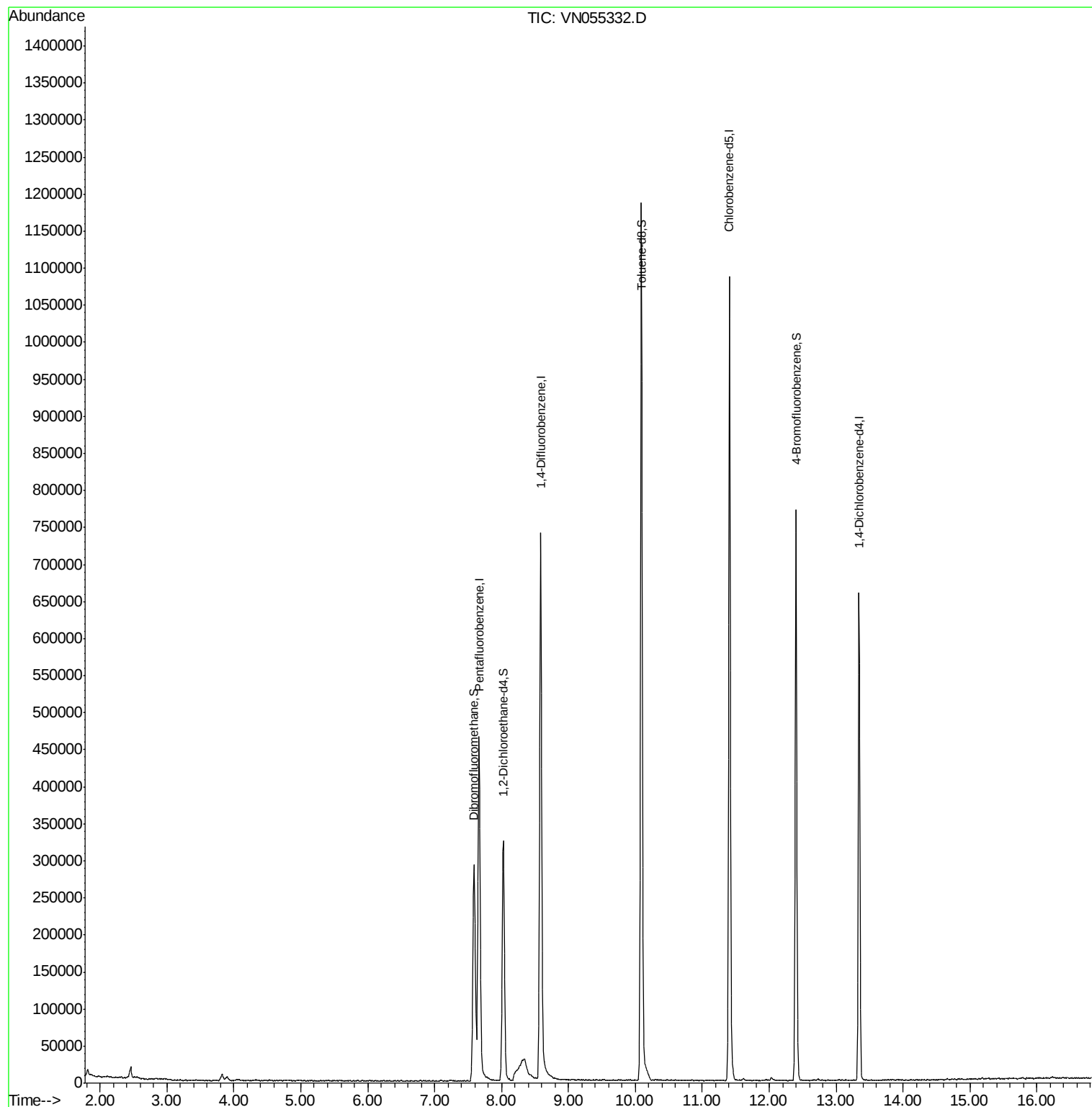
Target Compounds	Qvalue

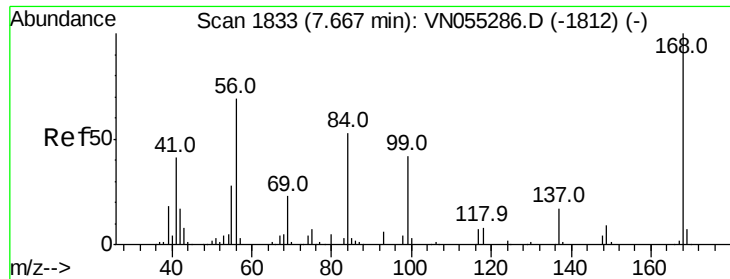
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050119\
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 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: VN055332.D

Acq: 1 May 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

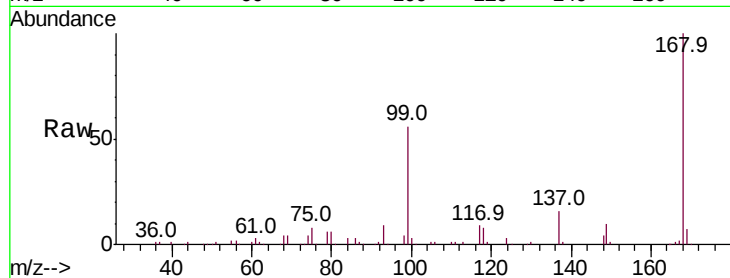
I.BLK

Tot Ion:168 Resp: 389065

Ion Ratio Lower Upper

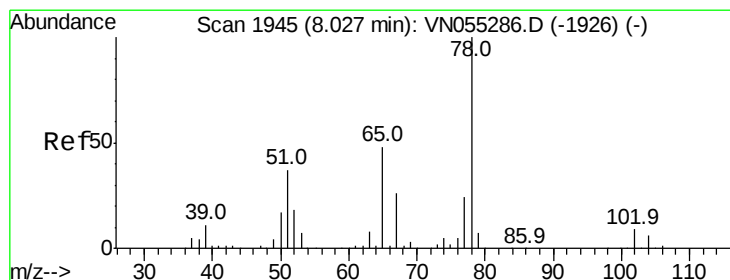
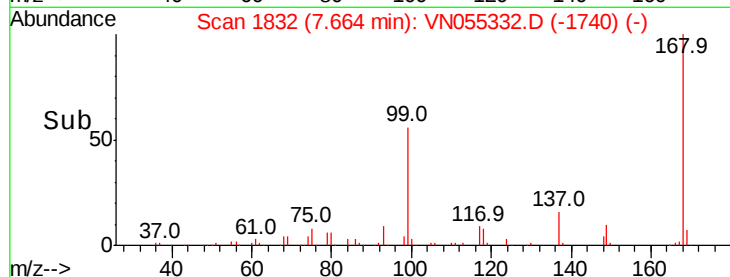
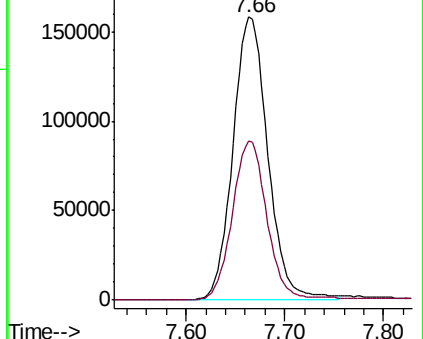
168 100

99 56.2 43.6 65.4



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: 54.522 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055332.D

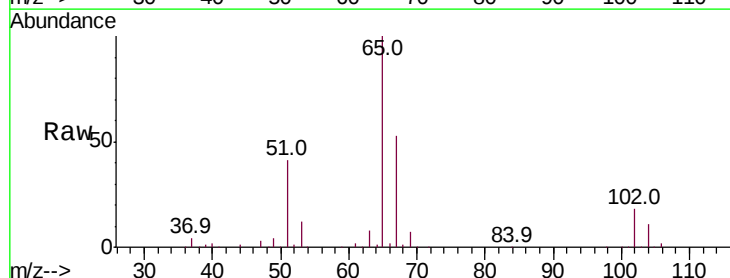
Acq: 1 May 2019 16:45

Tgt Ion: 65 Resp: 277509

Ion Ratio Lower Upper

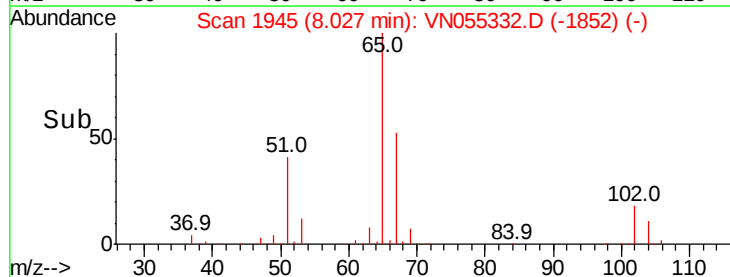
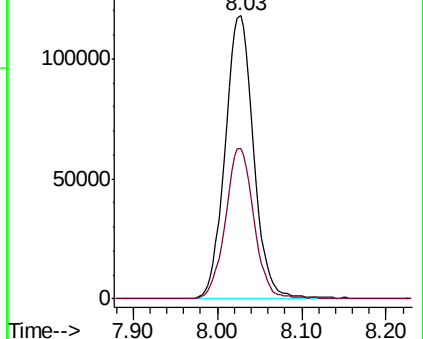
65 100

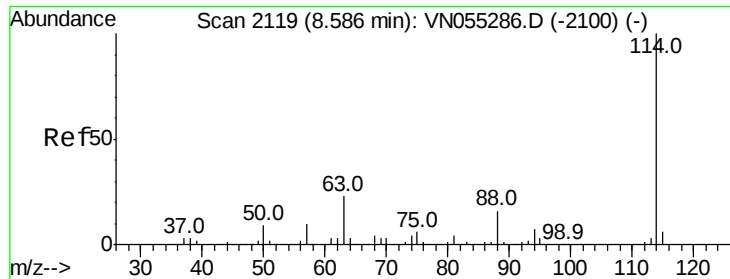
67 53.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

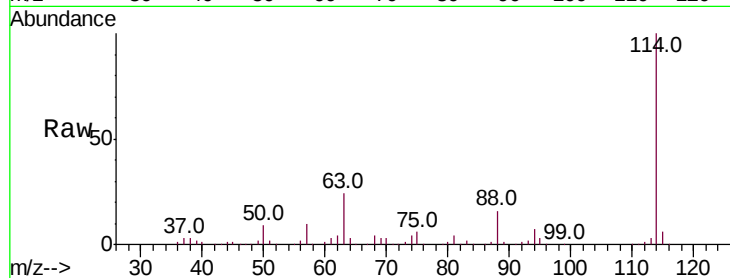




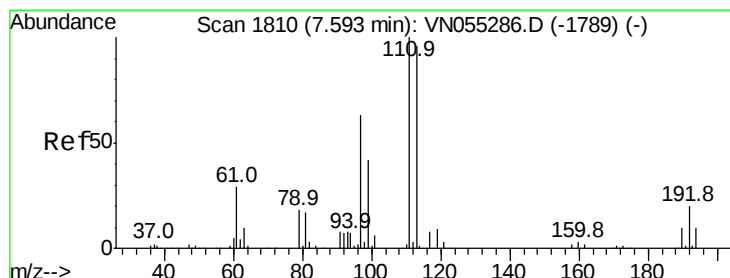
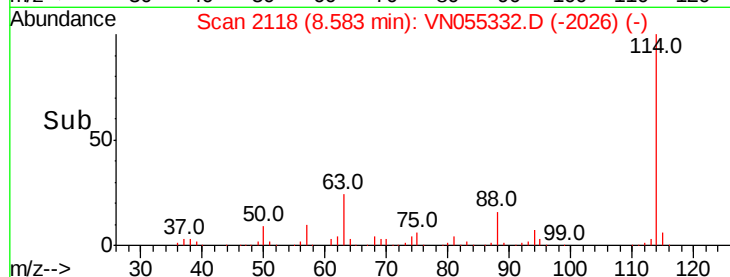
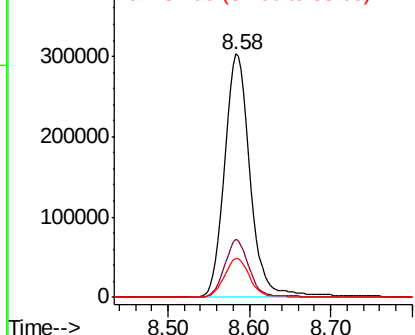
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055332.D
 Acq: 1 May 2019 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion:114 Resp: 676712
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.2
 88 16.2 0.0 31.6

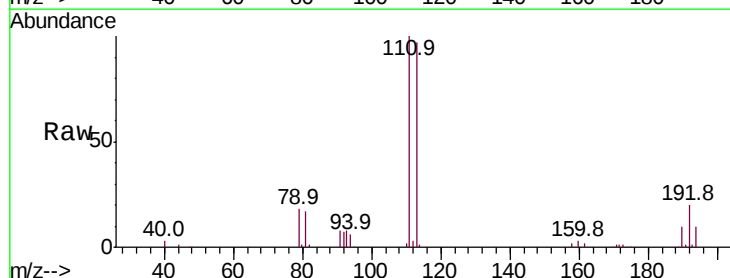


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

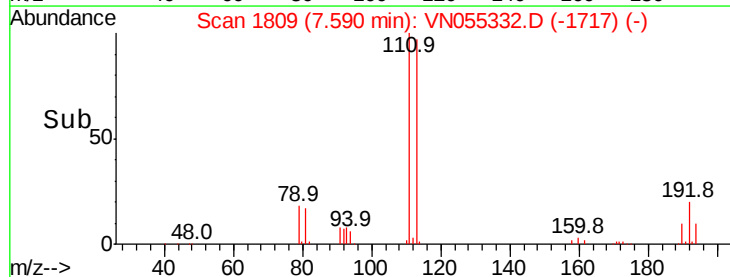
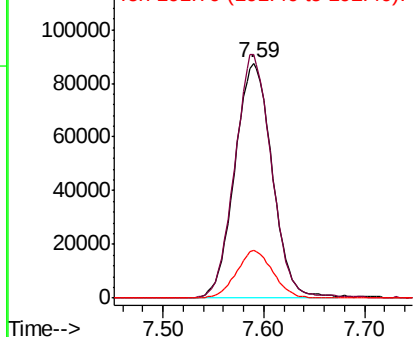


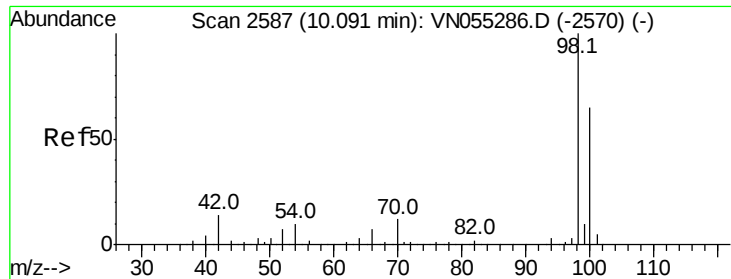
#35
 Dibromofluoromethane
 Concen: 50.612 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055332.D
 Acq: 1 May 2019 16:45

Tgt Ion:113 Resp: 224802
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.3 123.5
 192 19.9 17.0 25.6



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: 52.776 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055332.D

Acq: 1 May 2019 16:45

Instrument :

MSVOA_N

ClientSampleId :

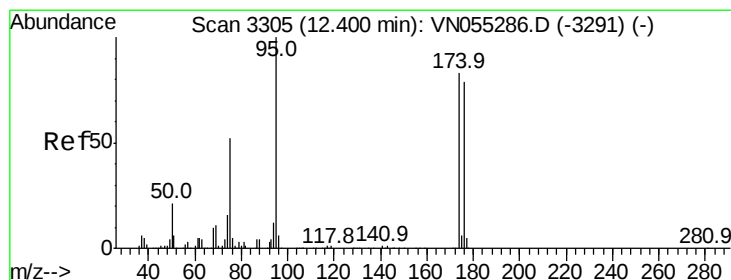
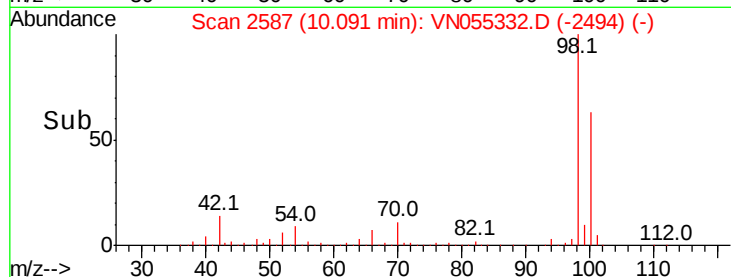
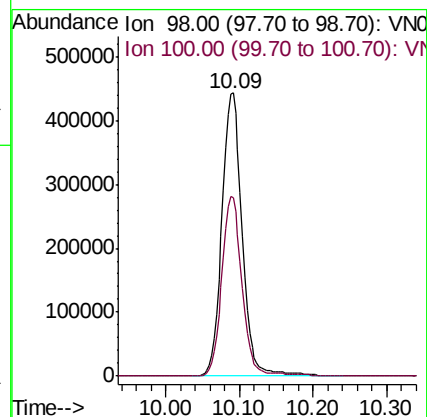
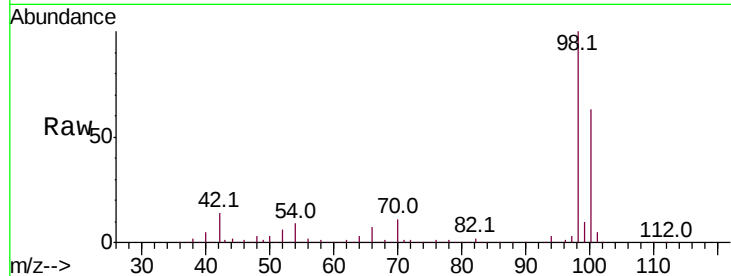
I.BLK

Tot Ion: 98 Resp: 846444

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 52.297 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055332.D

Acq: 1 May 2019 16:45

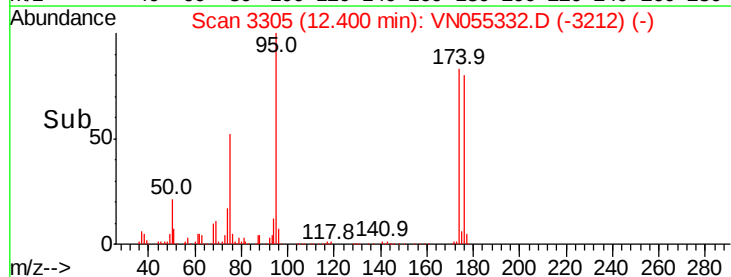
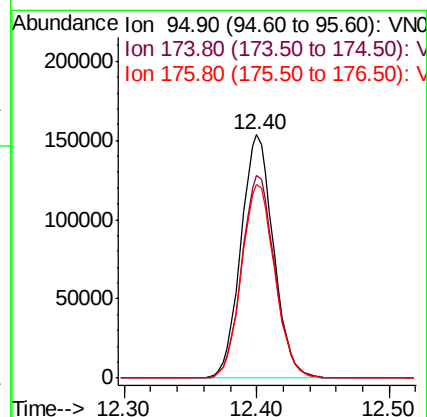
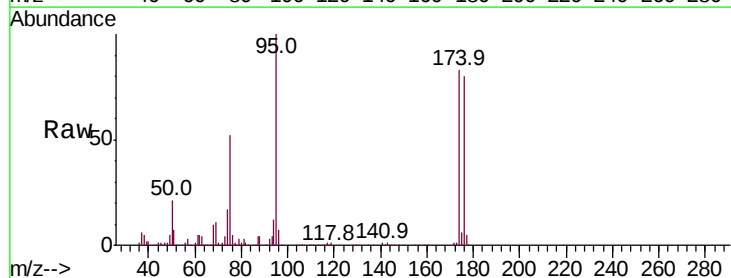
Tgt Ion: 95 Resp: 262144

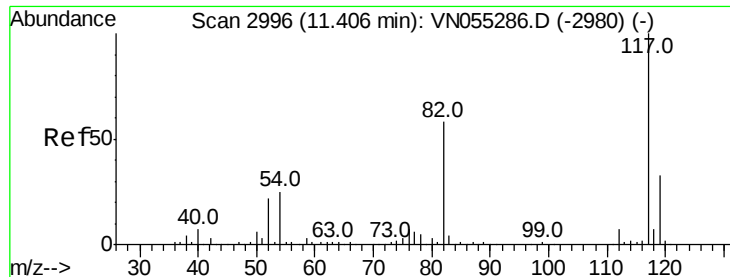
Ion Ratio Lower Upper

95 100

174 84.6 0.0 166.6

176 81.5 0.0 157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055332.D

Acq: 1 May 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

I.BLK

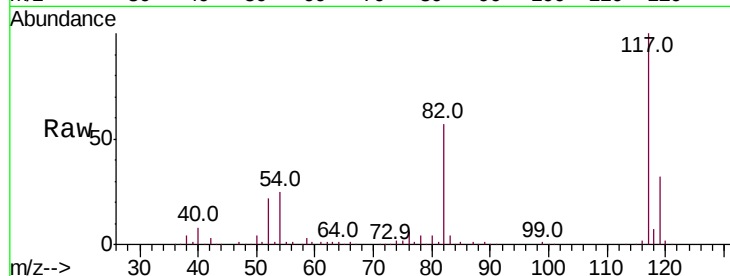
Tot Ion:117 Resp: 624694

Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.4

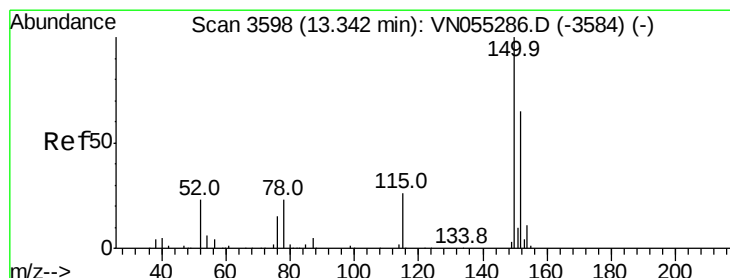
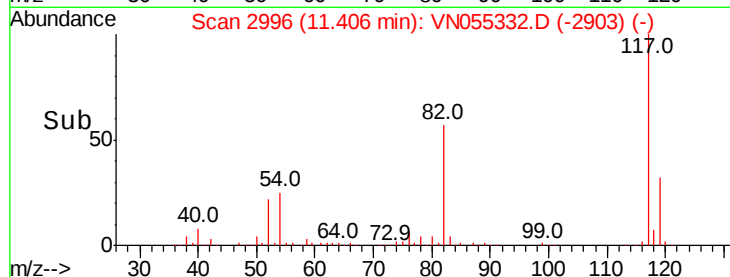
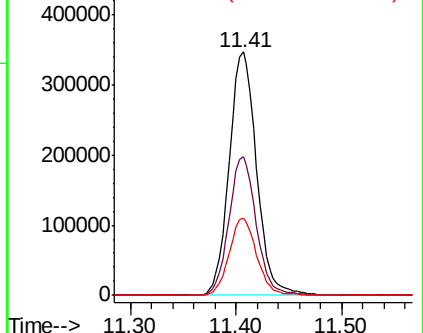
119 31.7 26.6 40.0



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: VN055332.D

Acq: 1 May 2019 16:45

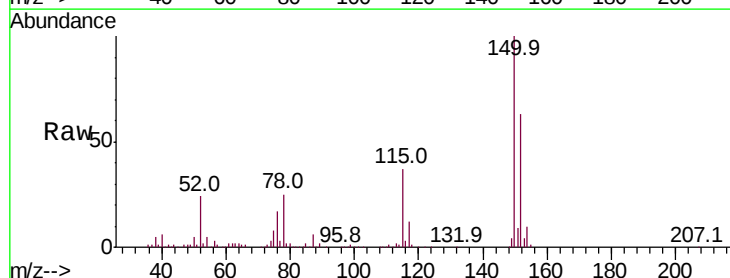
Tgt Ion:152 Resp: 173732

Ion Ratio Lower Upper

152 100

115 59.0 29.0 87.0

150 159.5 0.0 345.6



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

