

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
 Data File : VN055326.D
 Acq On : 1 May 2019 13:53
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: May 02 03:37:28 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	7.67	168	370682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	619161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	565714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	146318	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	248634	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
35) Dibromofluoromethane	7.59	113	207444	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
50) Toluene-d8	10.09	98	765989	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.40	95	231017	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	

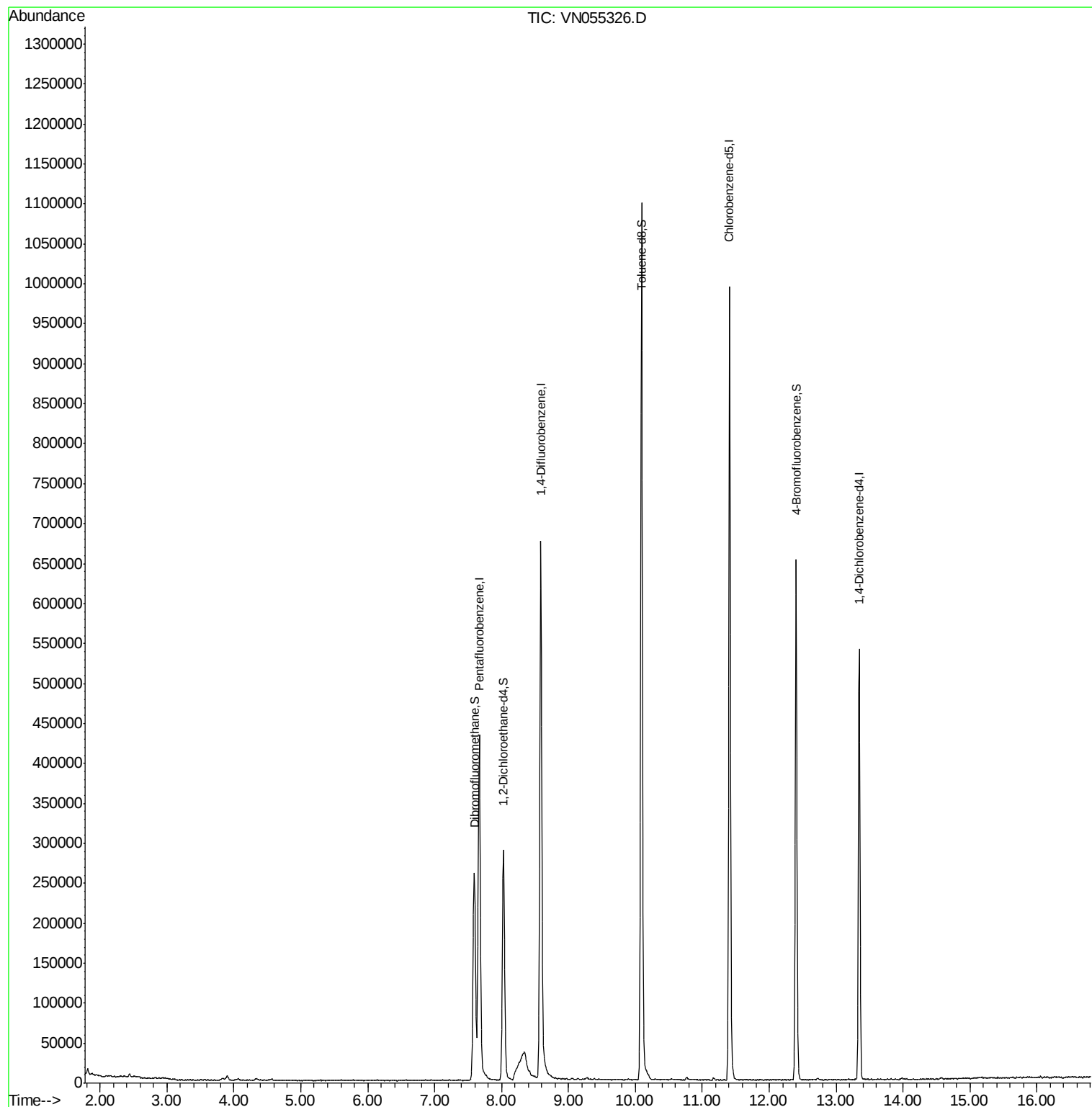
Target Compounds	Qvalue
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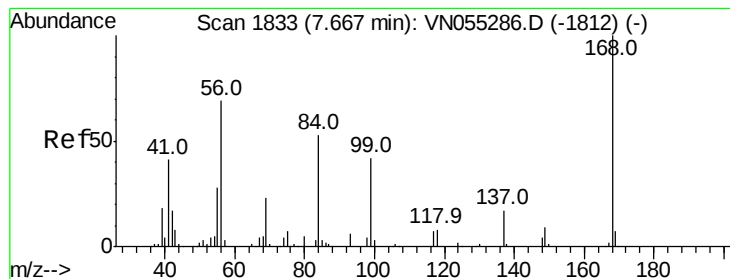
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055326.D

Acq: 1 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

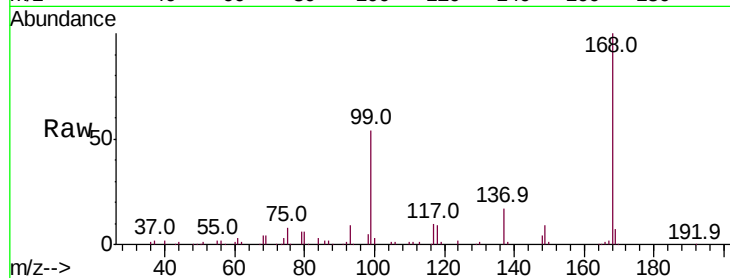
I.BLK

Tot Ion:168 Resp: 370682

Ion Ratio Lower Upper

168 100

99 54.4 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

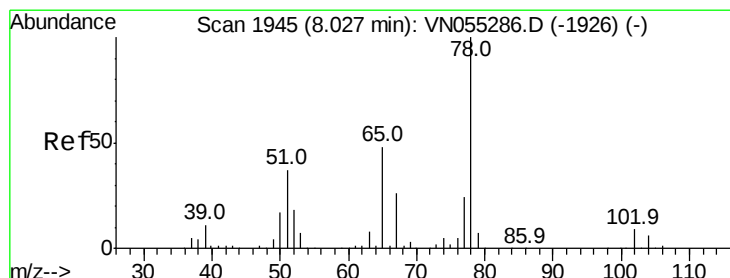
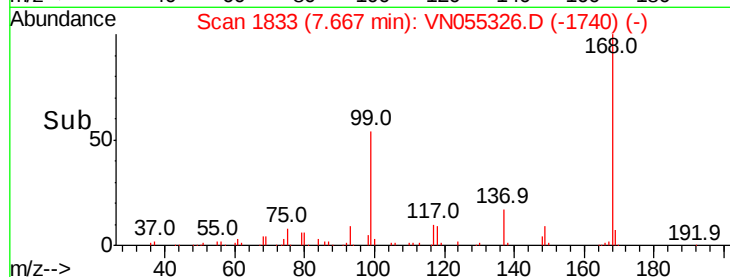
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.272 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055326.D

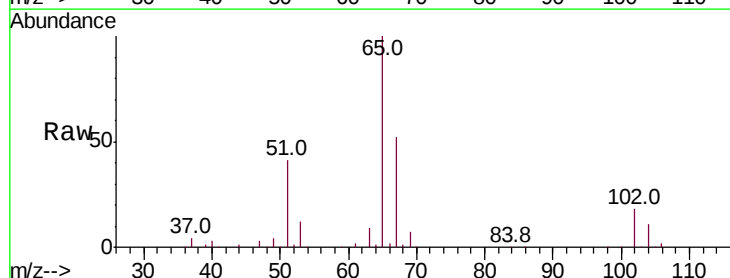
Acq: 1 May 2019 13:53

Tgt Ion: 65 Resp: 248634

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

120000

100000

80000

60000

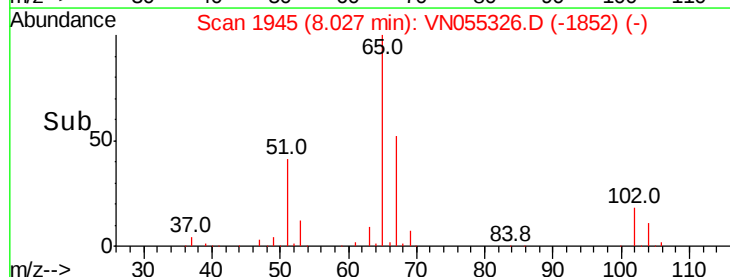
40000

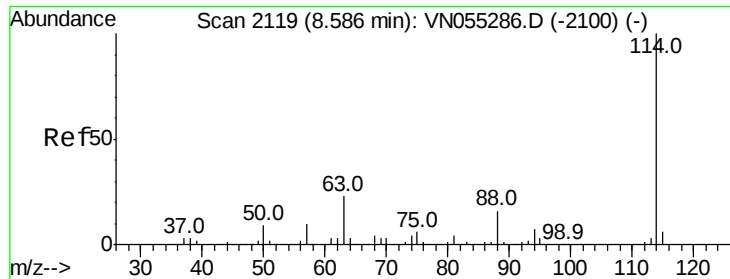
20000

0

7.90 8.00 8.10

Time-->

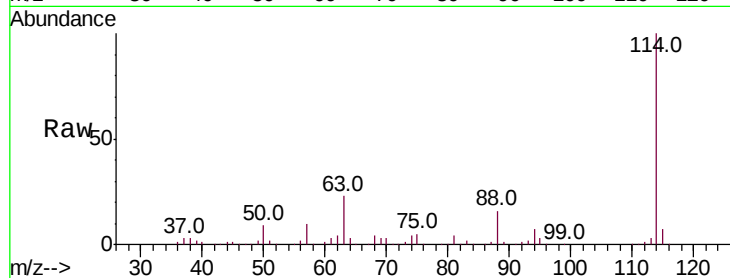




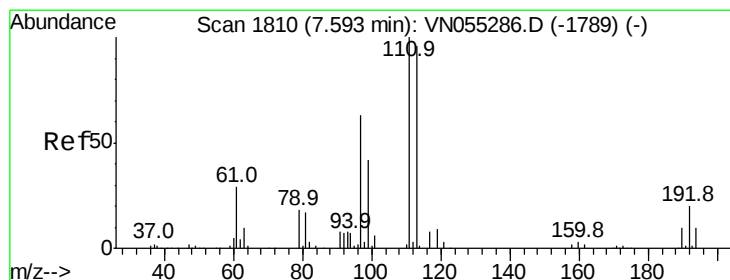
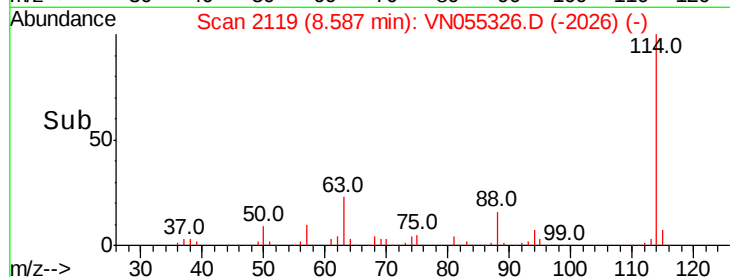
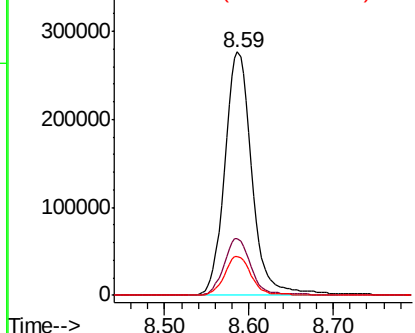
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055326.D
 Acq: 1 May 2019 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion:114 Resp: 619161
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.2
 88 16.0 0.0 31.6

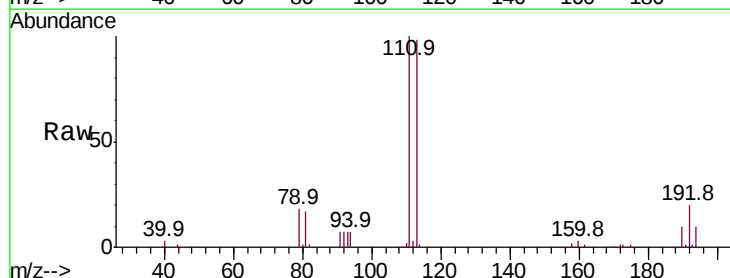


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

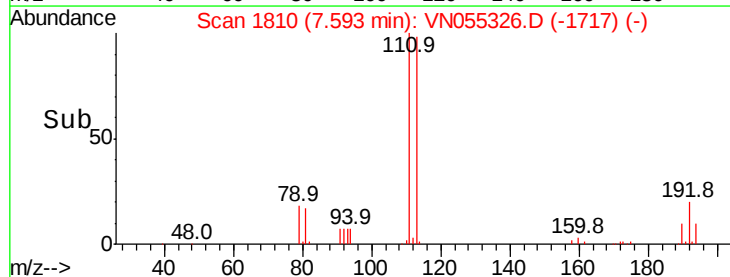
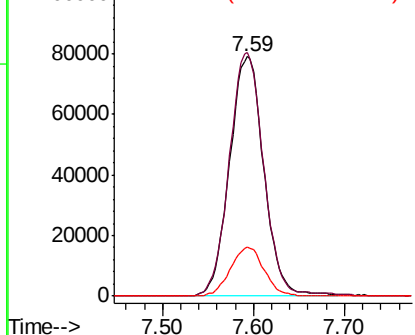


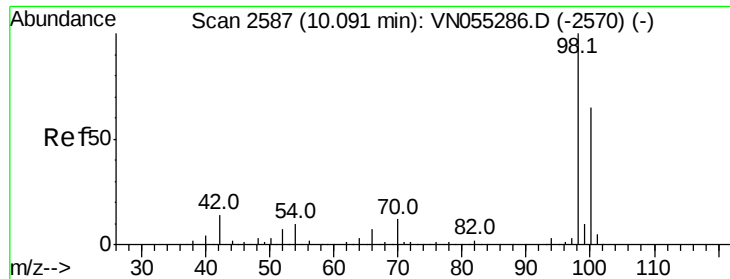
#35
 Dibromofluoromethane
 Concen: 51.045 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055326.D
 Acq: 1 May 2019 13:53

Tgt Ion:113 Resp: 207444
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.3 123.5
 192 20.1 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: 52.199 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055326.D

Acq: 1 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

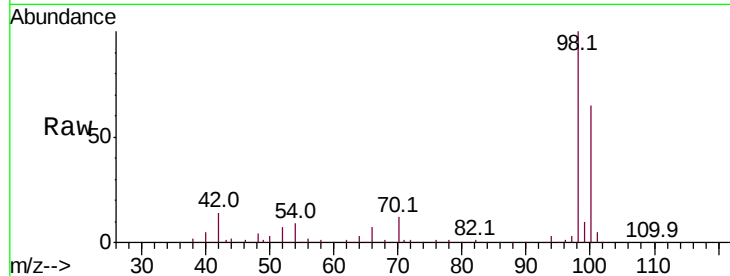
I.BLK

Tot Ion: 98 Resp: 765989

Ion Ratio Lower Upper

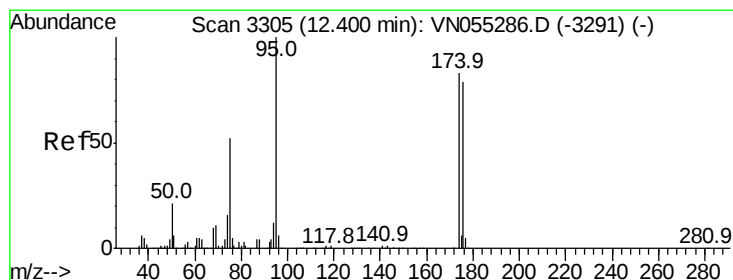
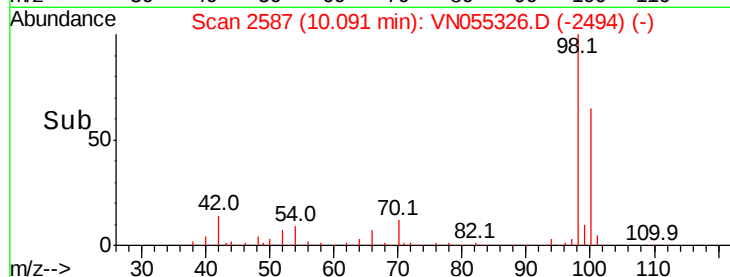
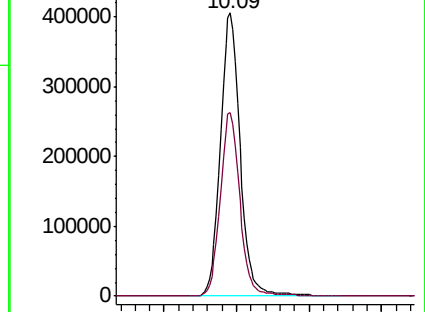
98 100

100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055326.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055326.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 50.371 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055326.D

Acq: 1 May 2019 13:53

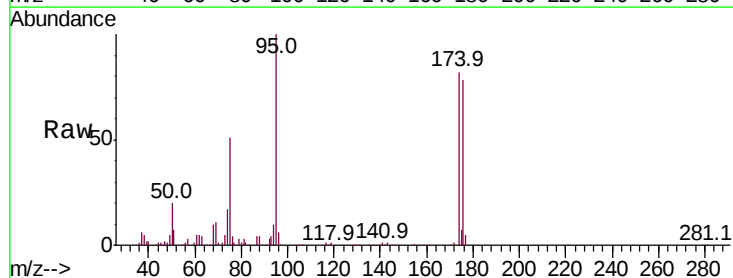
Tgt Ion: 95 Resp: 231017

Ion Ratio Lower Upper

95 100

174 83.3 0.0 166.6

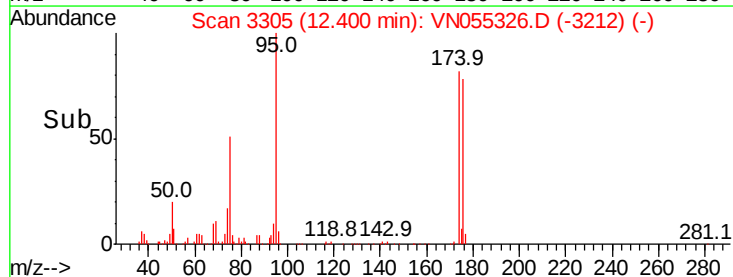
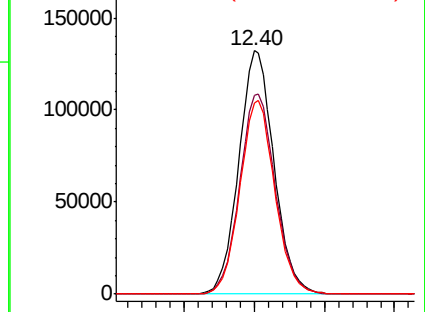
176 79.0 0.0 157.8

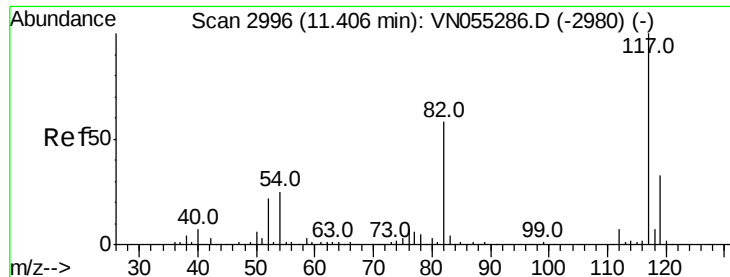


Abundance Ion 94.90 (94.60 to 95.60): VN055326.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055326.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055326.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055326.D

Acq: 1 May 2019 13:53

Instrument :

MSVOA_N

ClientSampled :

I.BLK

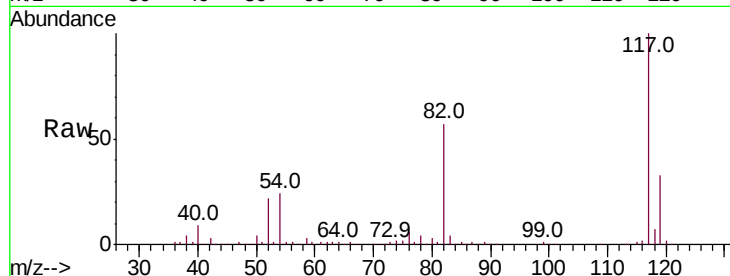
Tot Ion:117 Resp: 565714

Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.4

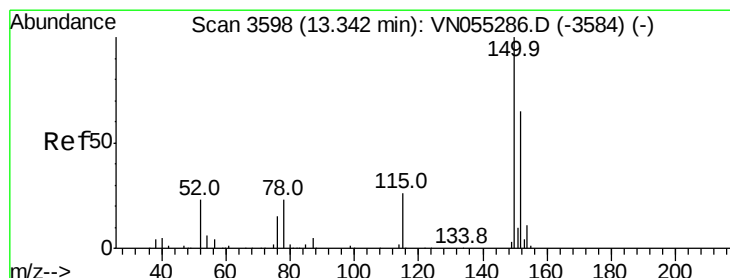
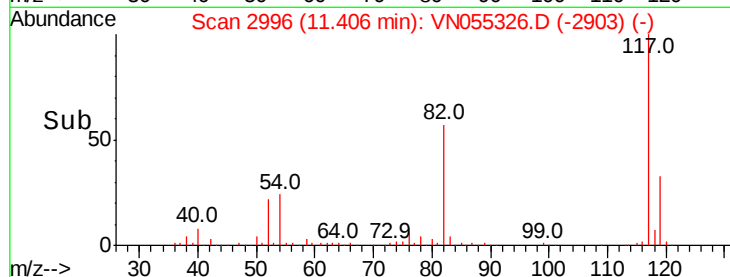
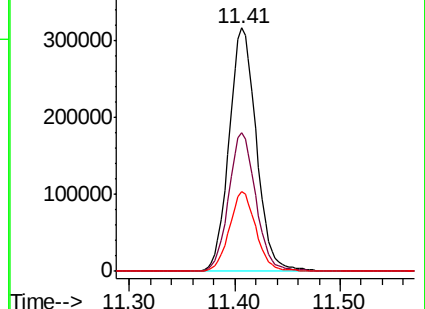
119 32.6 26.6 40.0



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055326.D

Acq: 1 May 2019 13:53

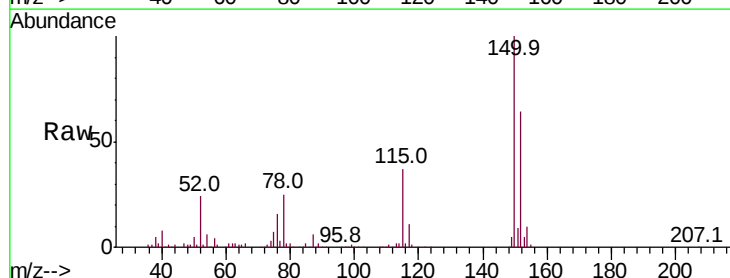
Tgt Ion:152 Resp: 146318

Ion Ratio Lower Upper

152 100

115 57.5 29.0 87.0

150 156.4 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

