

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057039.D
 Acq On : 1 Aug 2019 15:58
 Operator : JC/SP
 Sample : K4097-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500

Quant Time: Aug 02 06:06:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	574417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	827062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	668401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	171780	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	317330	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	7.58	113	287550	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
50) Toluene-d8	10.08	98	1071251	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.40	95	271662	41.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.66%	

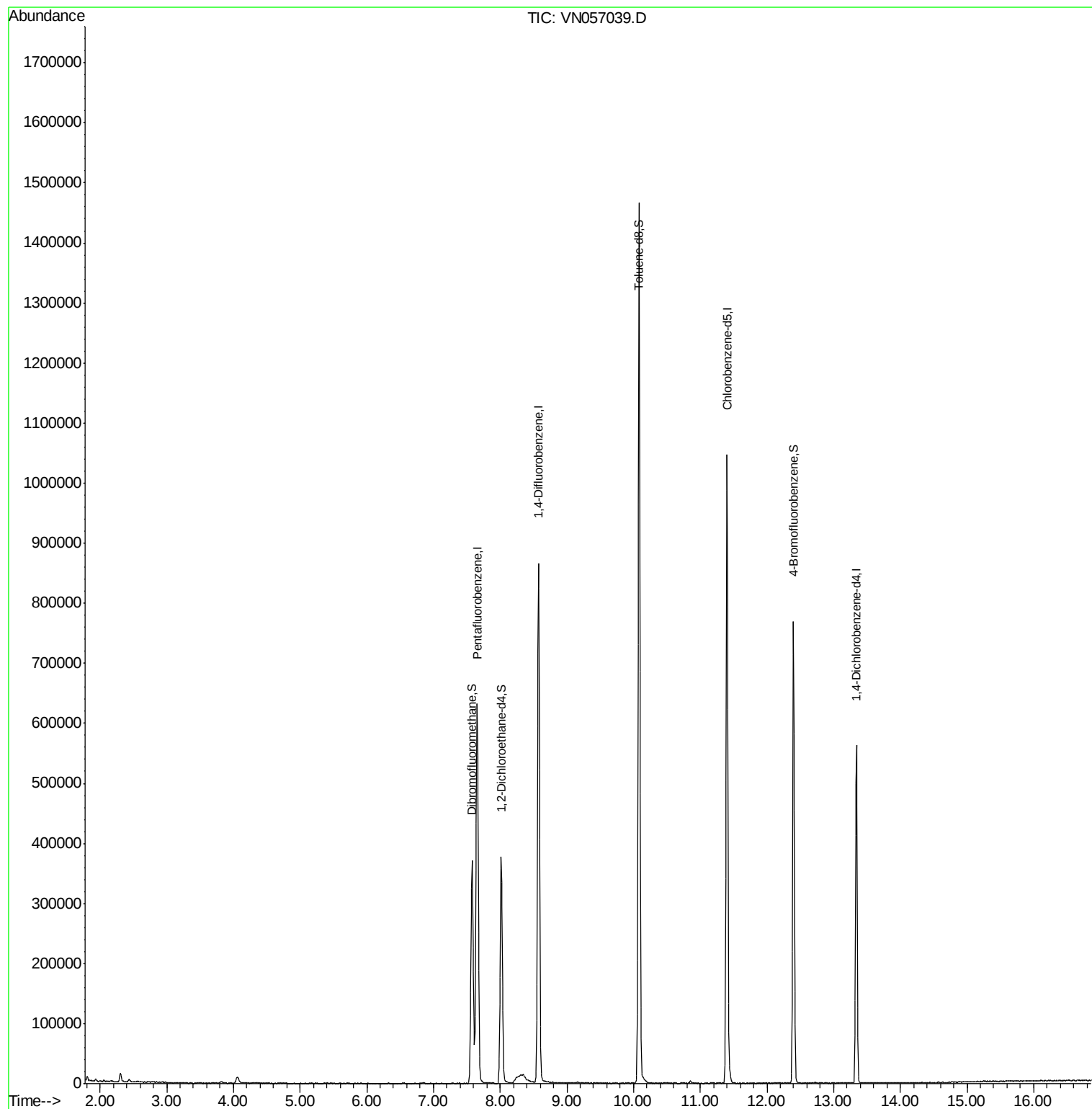
Target Compounds	Qvalue

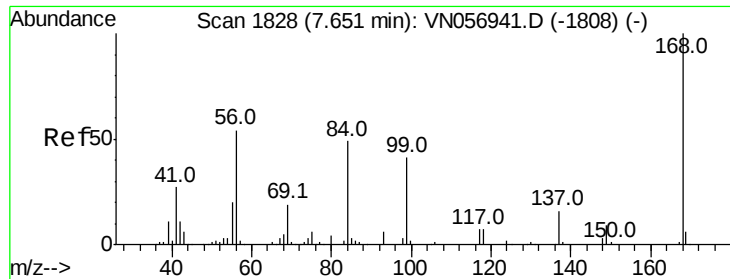
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057039.D

Acq: 1 Aug 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

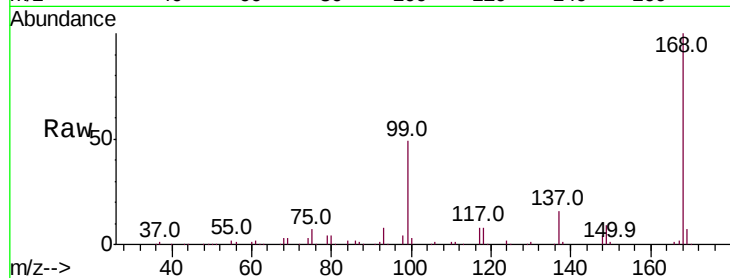
BP-VPB203-GW-498-500

Tot Ion:168 Resp: 574417

Ion Ratio Lower Upper

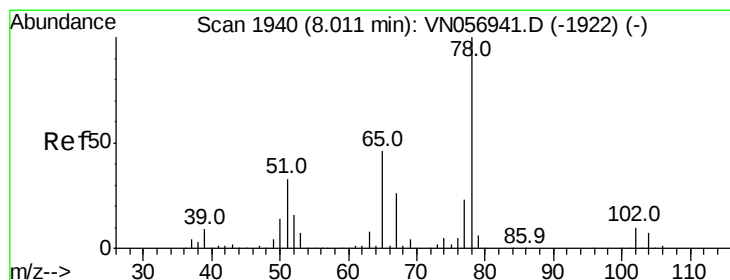
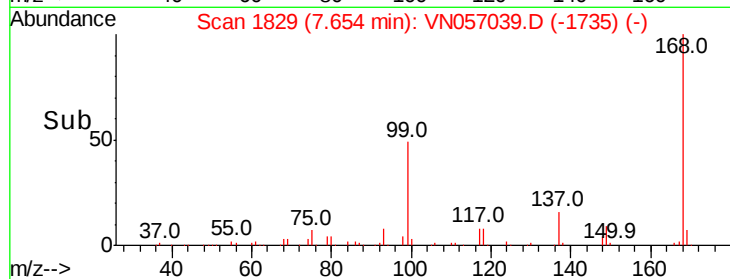
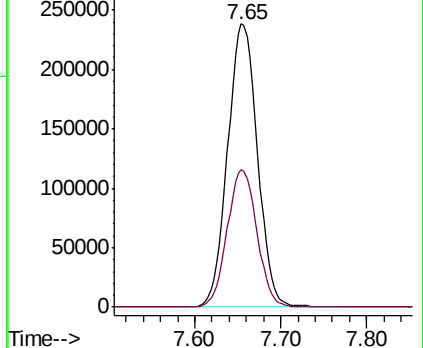
168 100

99 48.7 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 53.968 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057039.D

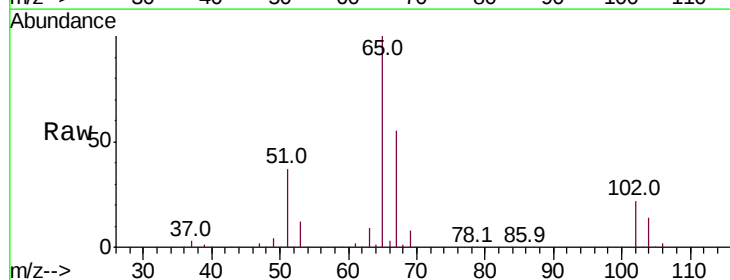
Acq: 1 Aug 2019 15:58

Tgt Ion: 65 Resp: 317330

Ion Ratio Lower Upper

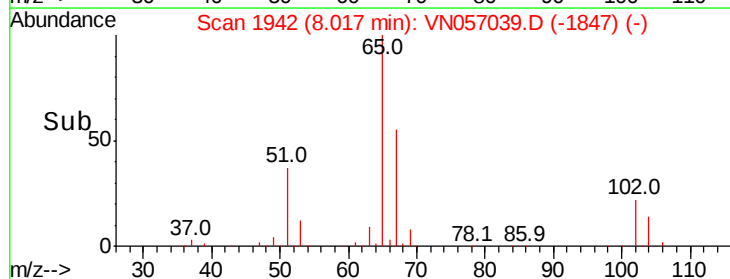
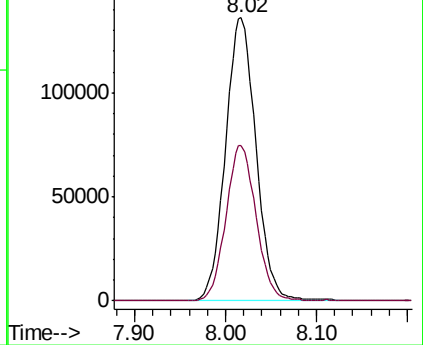
65 100

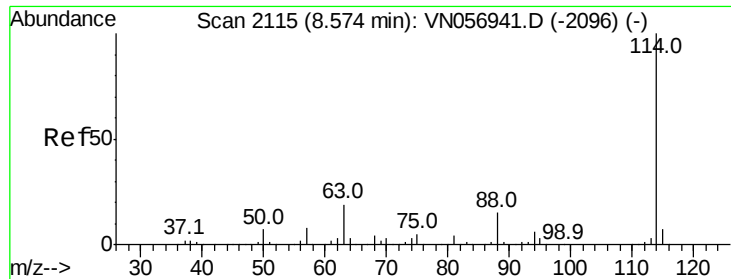
67 54.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

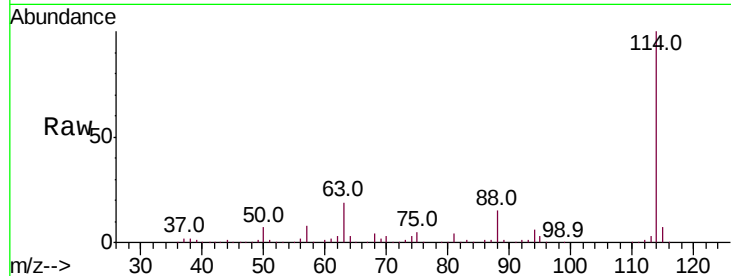




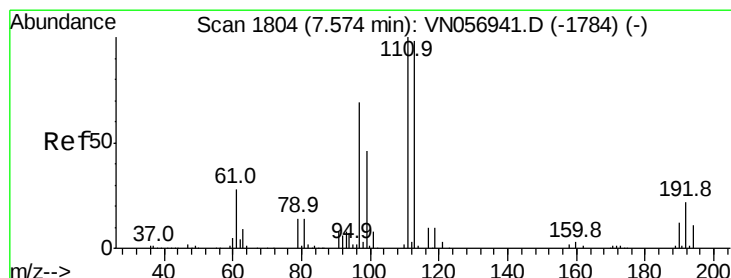
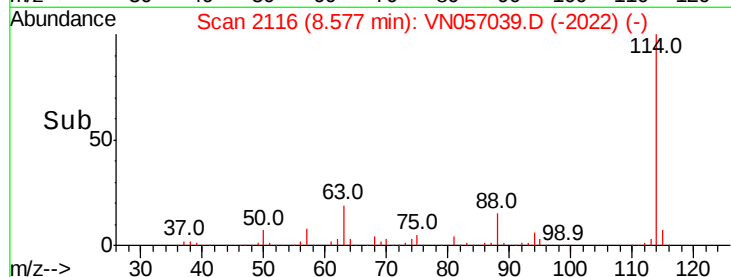
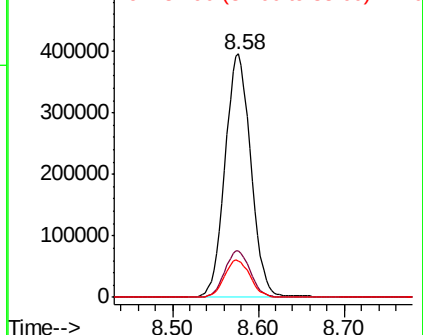
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057039.D
 Acq: 1 Aug 2019 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-498-500

Tot Ion:114 Resp: 827062
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.0
 88 15.1 0.0 30.0

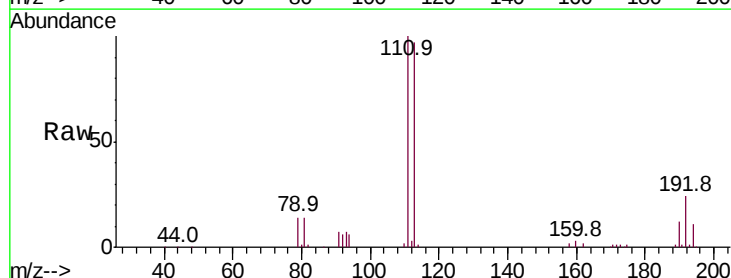


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

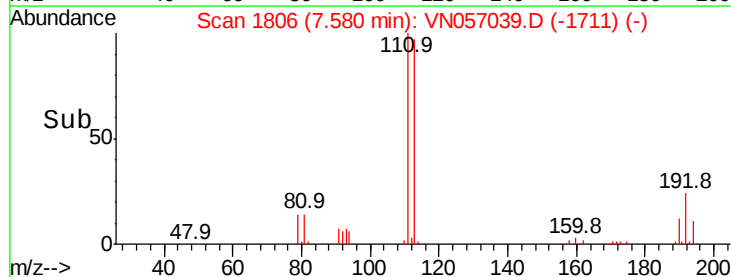
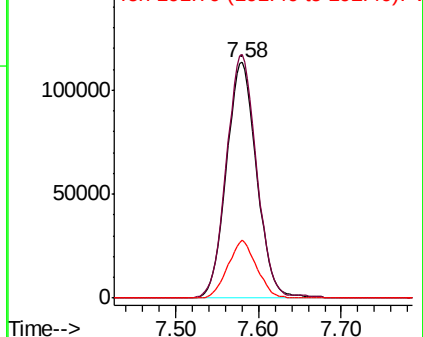


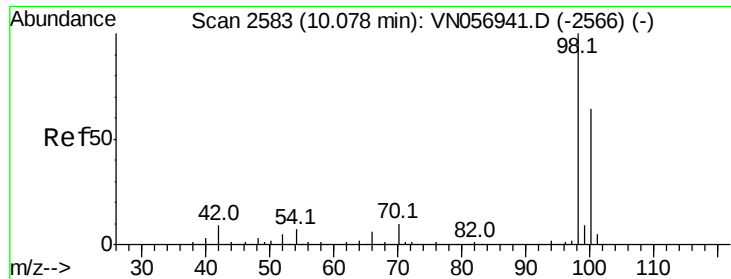
#35
 Dibromofluoromethane
 Concen: 54.310 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057039.D
 Acq: 1 Aug 2019 15:58

Tgt Ion:113 Resp: 287550
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 23.3 18.4 27.6



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: 53.057 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057039.D

Acq: 1 Aug 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

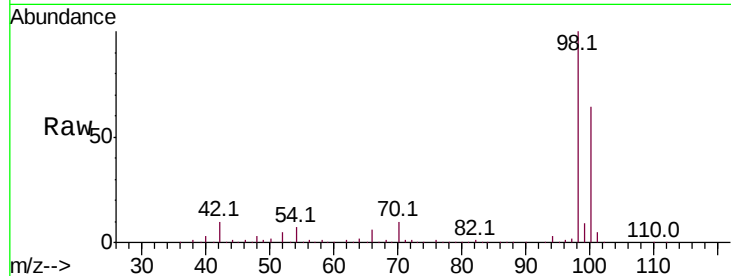
BP-VPB203-GW-498-500

Tot Ion: 98 Resp: 1071251

Ion Ratio Lower Upper

98 100

100 64.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

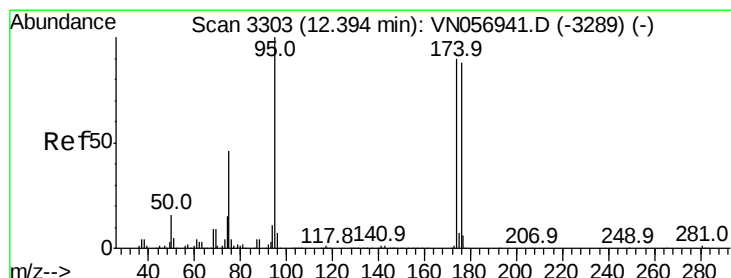
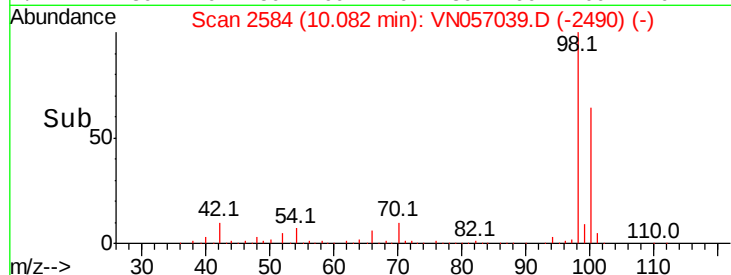
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.330 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057039.D

Acq: 1 Aug 2019 15:58

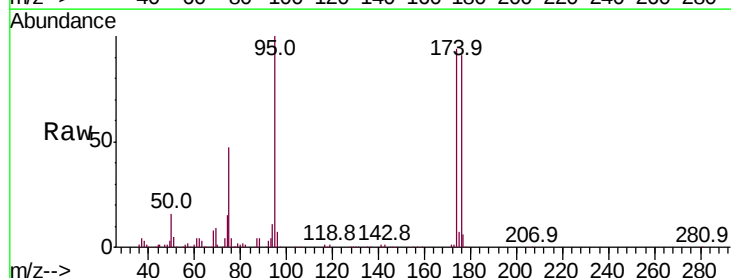
Tgt Ion: 95 Resp: 271662

Ion Ratio Lower Upper

95 100

174 93.4 0.0 182.2

176 92.3 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

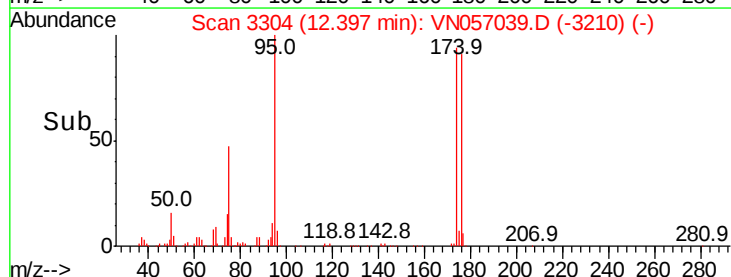
150000

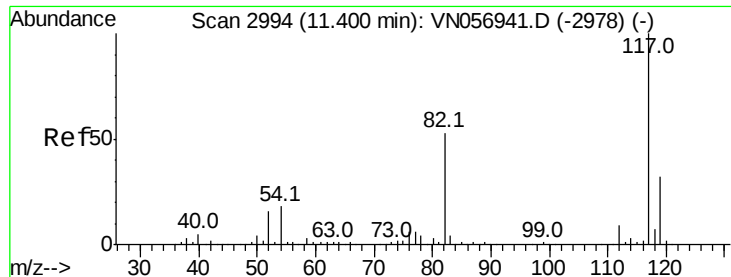
100000

50000

0

Time-->

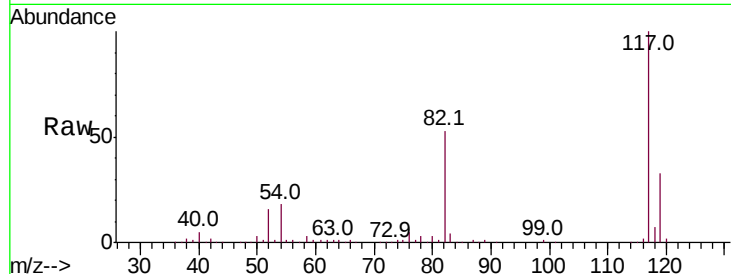




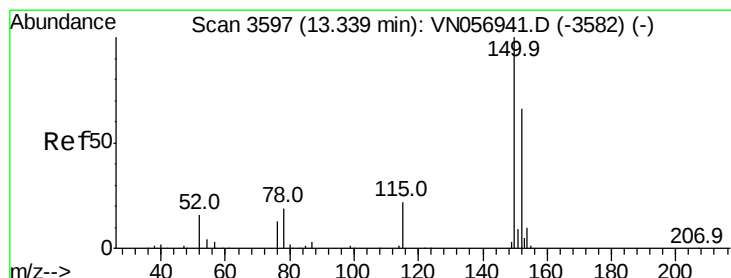
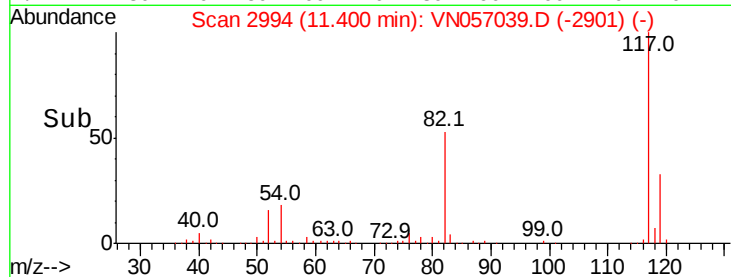
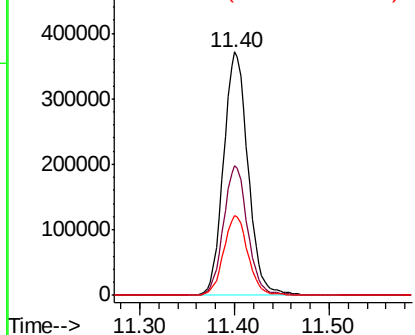
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057039.D
Acq: 1 Aug 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-498-500

Tot Ion:117 Resp: 668401
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.4
119 32.8 25.8 38.6

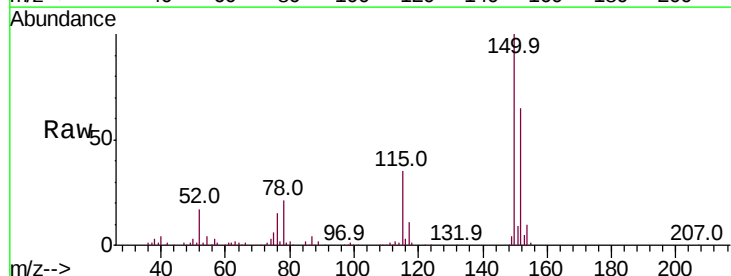


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057039.D
Acq: 1 Aug 2019 15:58

Tgt Ion:152 Resp: 171780
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.6
150 155.2 0.0 349.4



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

