

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057514.D
 Acq On : 26 Aug 2019 16:58
 Operator : JC/SP
 Sample : VN0826WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBL02

Quant Time: Aug 26 17:59:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	385244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	676911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	133373	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	326074	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	7.58	113	213327	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
50) Toluene-d8	10.09	98	874024	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	235187	40.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.28%	

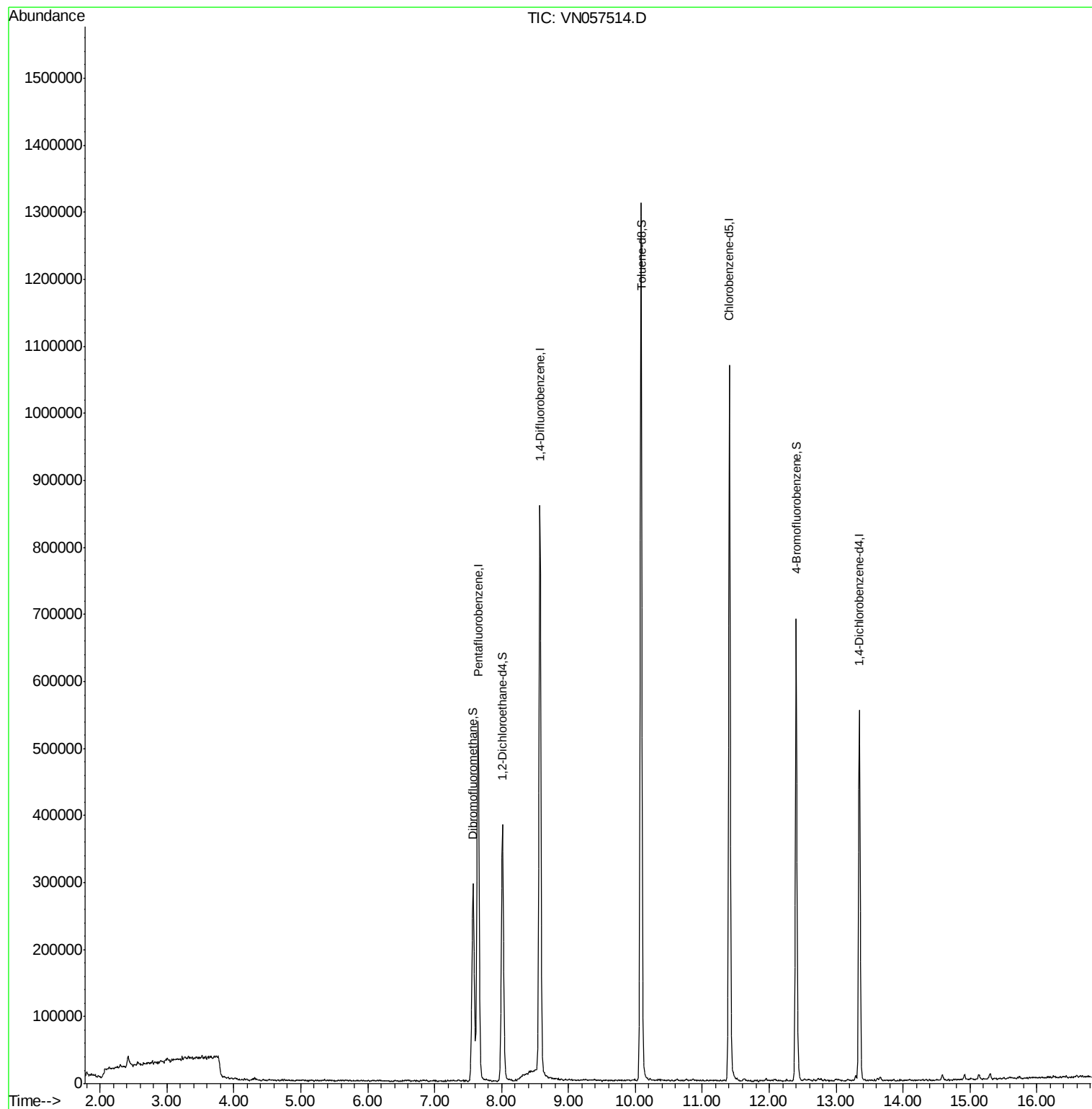
Target Compounds	Qvalue

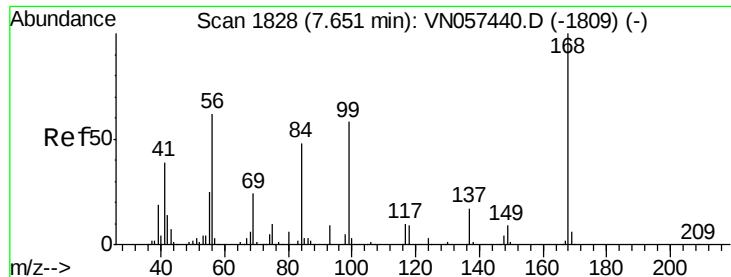
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057514.D

Acq: 26 Aug 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

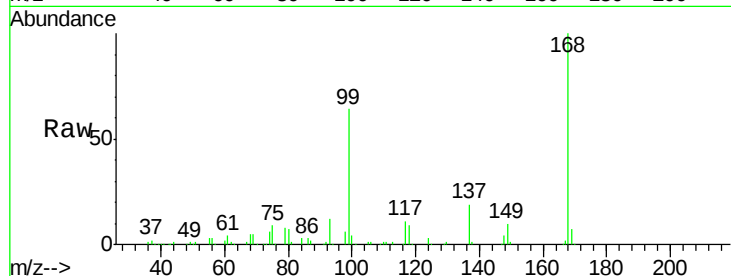
VN0826WBL02

Tot Ion:168 Resp: 385244

Ion Ratio Lower Upper

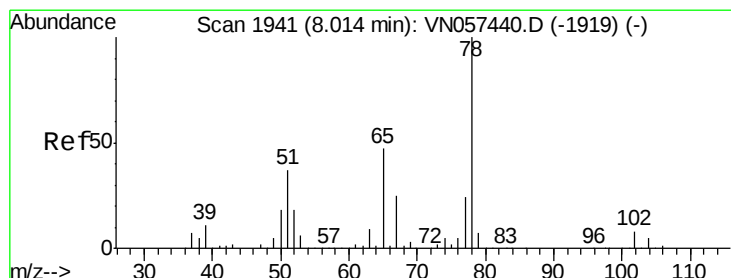
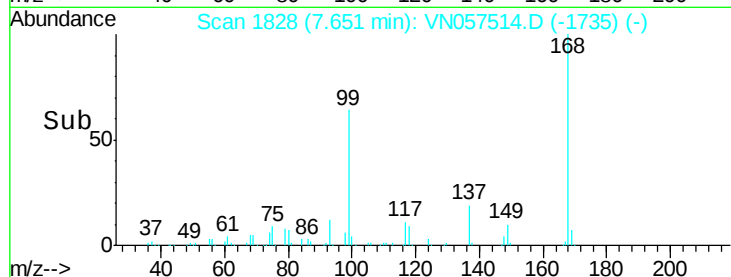
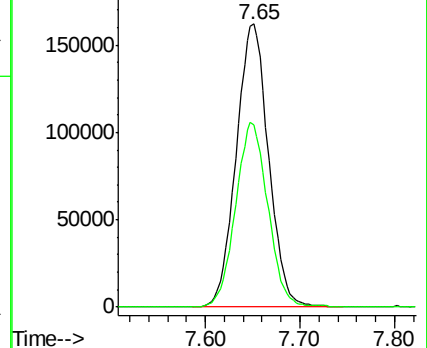
168 100

99 64.3 50.6 76.0



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: 48.115 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN057514.D

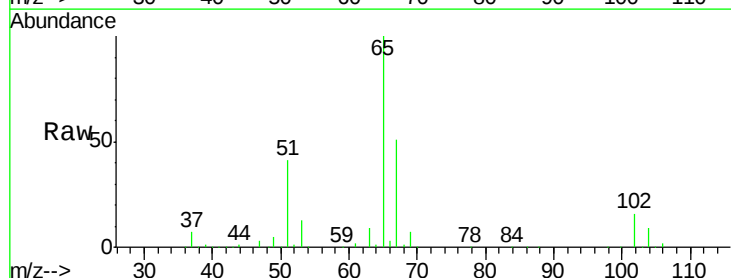
Acq: 26 Aug 2019 16:58

Tgt Ion: 65 Resp: 326074

Ion Ratio Lower Upper

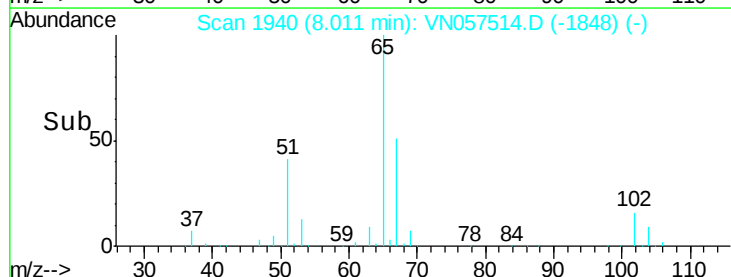
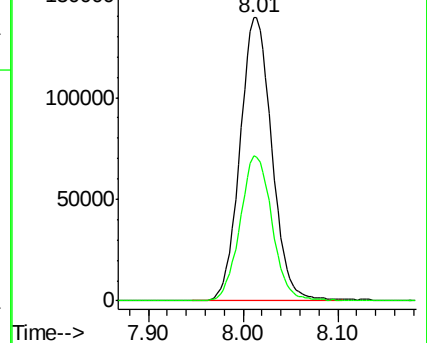
65 100

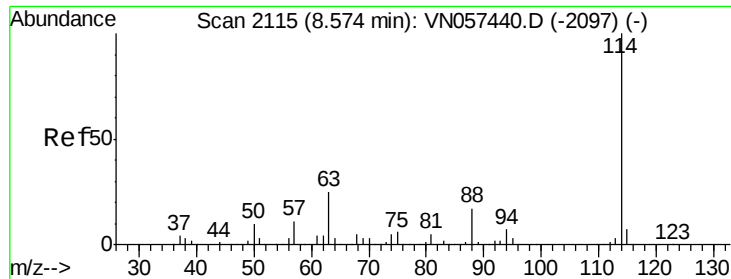
67 51.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

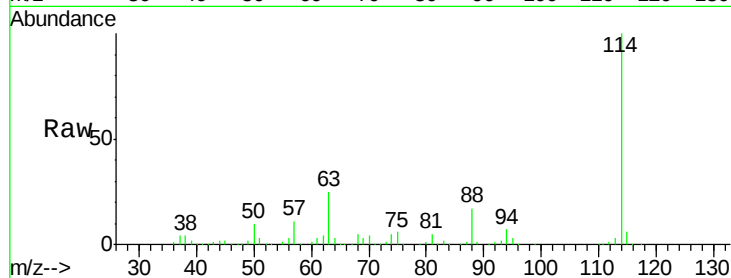




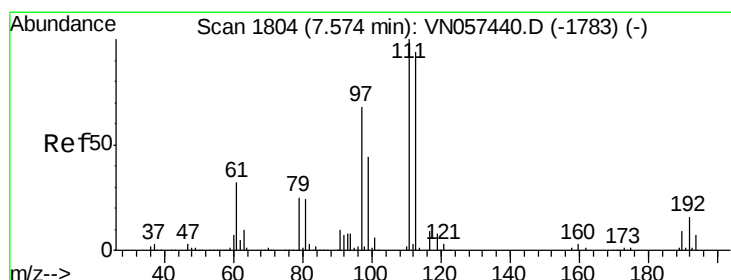
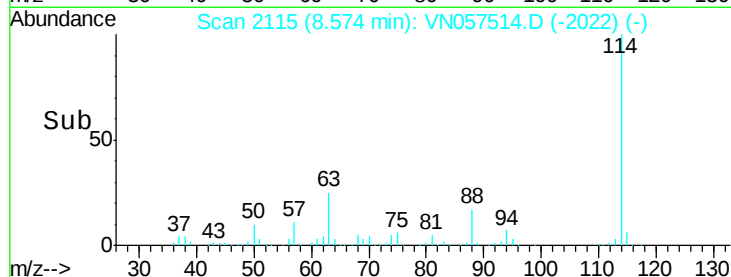
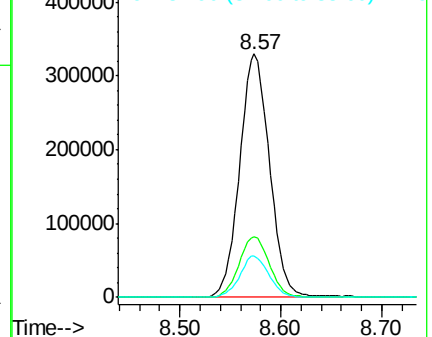
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057514.D
 Acq: 26 Aug 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBL02

Tot Ion:114 Resp: 676911
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.2
 88 16.7 0.0 34.6

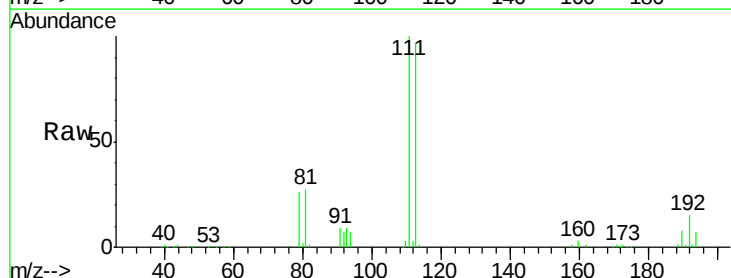


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

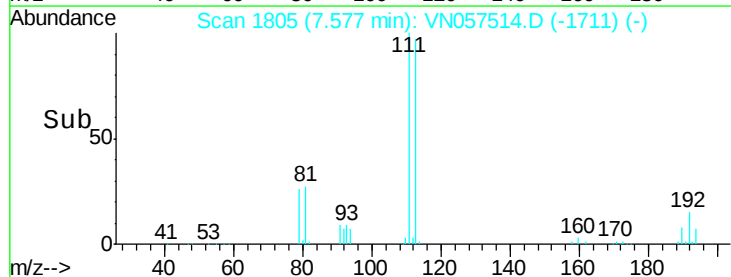
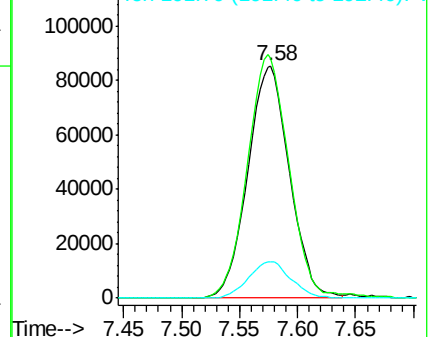


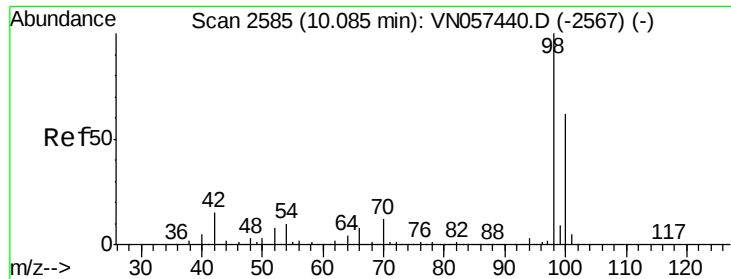
#35
 Dibromofluoromethane
 Concen: 46.657 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057514.D
 Acq: 26 Aug 2019 16:58

Tgt Ion:113 Resp: 213327
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.8 125.6
 192 15.9 13.5 20.3



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: 50.555 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057514.D

Acq: 26 Aug 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

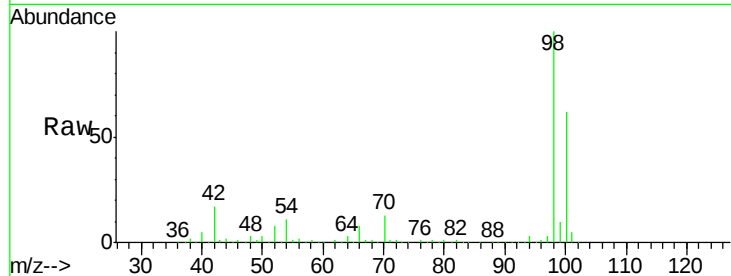
VN0826WBL02

Tot Ion: 98 Resp: 874024

Ion Ratio Lower Upper

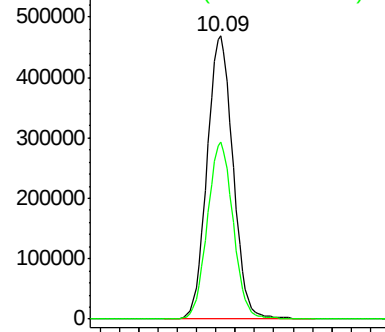
98 100

100 62.0 50.4 75.6

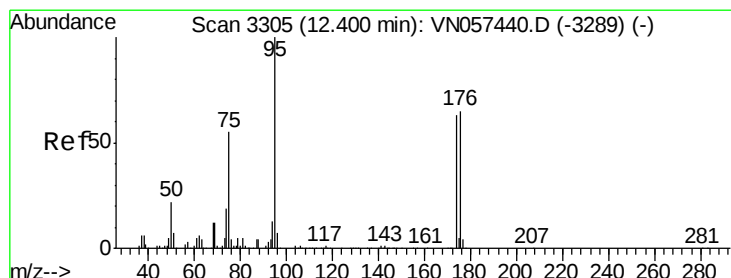
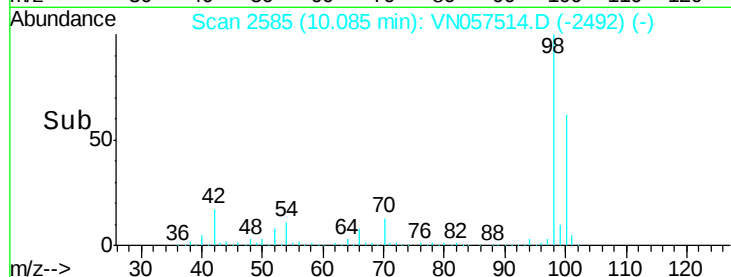


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 40.142 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057514.D

Acq: 26 Aug 2019 16:58

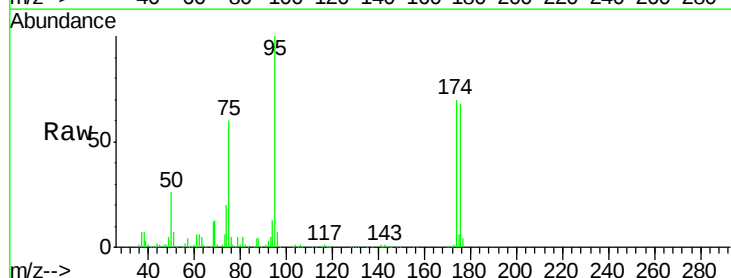
Tgt Ion: 95 Resp: 235187

Ion Ratio Lower Upper

95 100

174 68.8 0.0 133.0

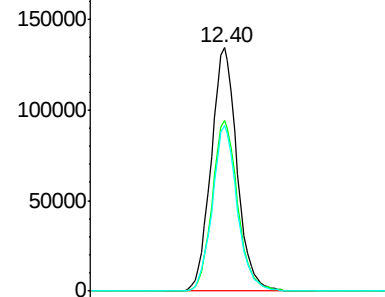
176 65.7 0.0 130.8



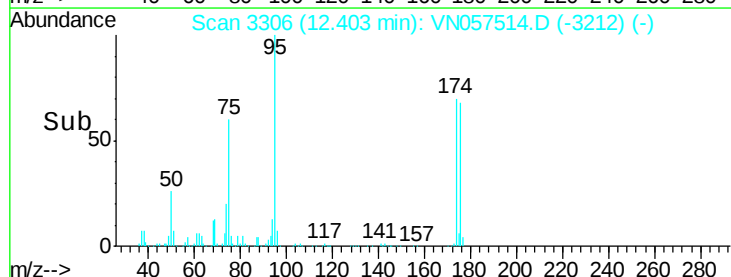
Abundance Ion 94.90 (94.60 to 95.60): VN0

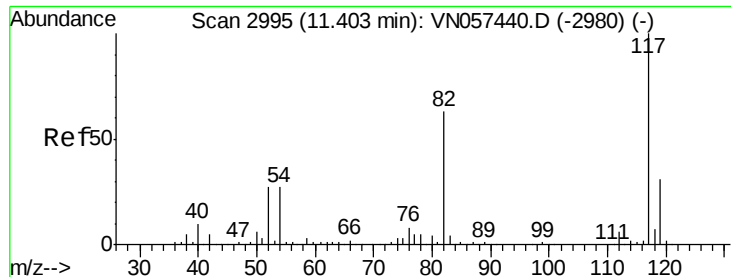
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

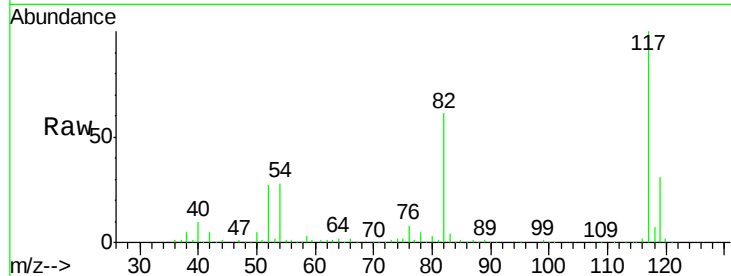




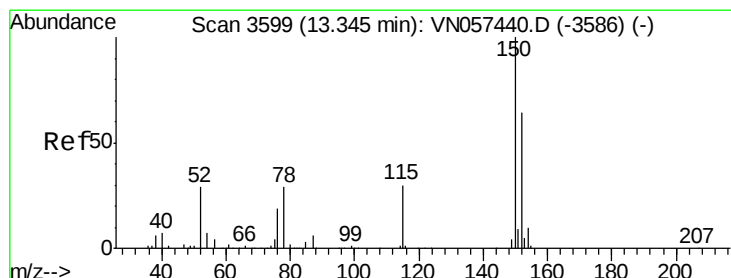
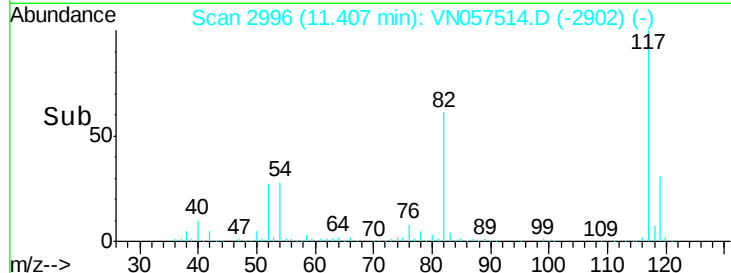
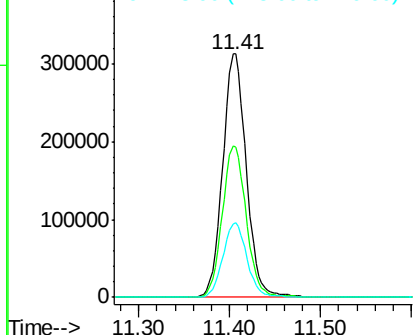
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057514.D
Acq: 26 Aug 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL02

Tot Ion:117 Resp: 563582
Ion Ratio Lower Upper
117 100
82 61.5 50.6 75.8
119 30.6 24.6 36.8

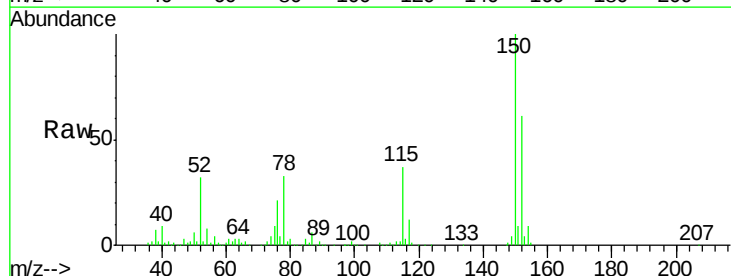


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057514.D
Acq: 26 Aug 2019 16:58

Tgt Ion:152 Resp: 133373
Ion Ratio Lower Upper
152 100
115 60.1 32.0 96.0
150 157.4 0.0 346.6



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

