

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121819\
 Data File : VN059646.D
 Acq On : 18 Dec 2019 13:32
 Operator : JC/SP
 Sample : VN1218WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBL01

Quant Time: Dec 19 04:53:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	228321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	370486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	323980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	118303	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	165702	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	7.57	113	116326	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.08	98	455614	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	142472	42.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.08%	

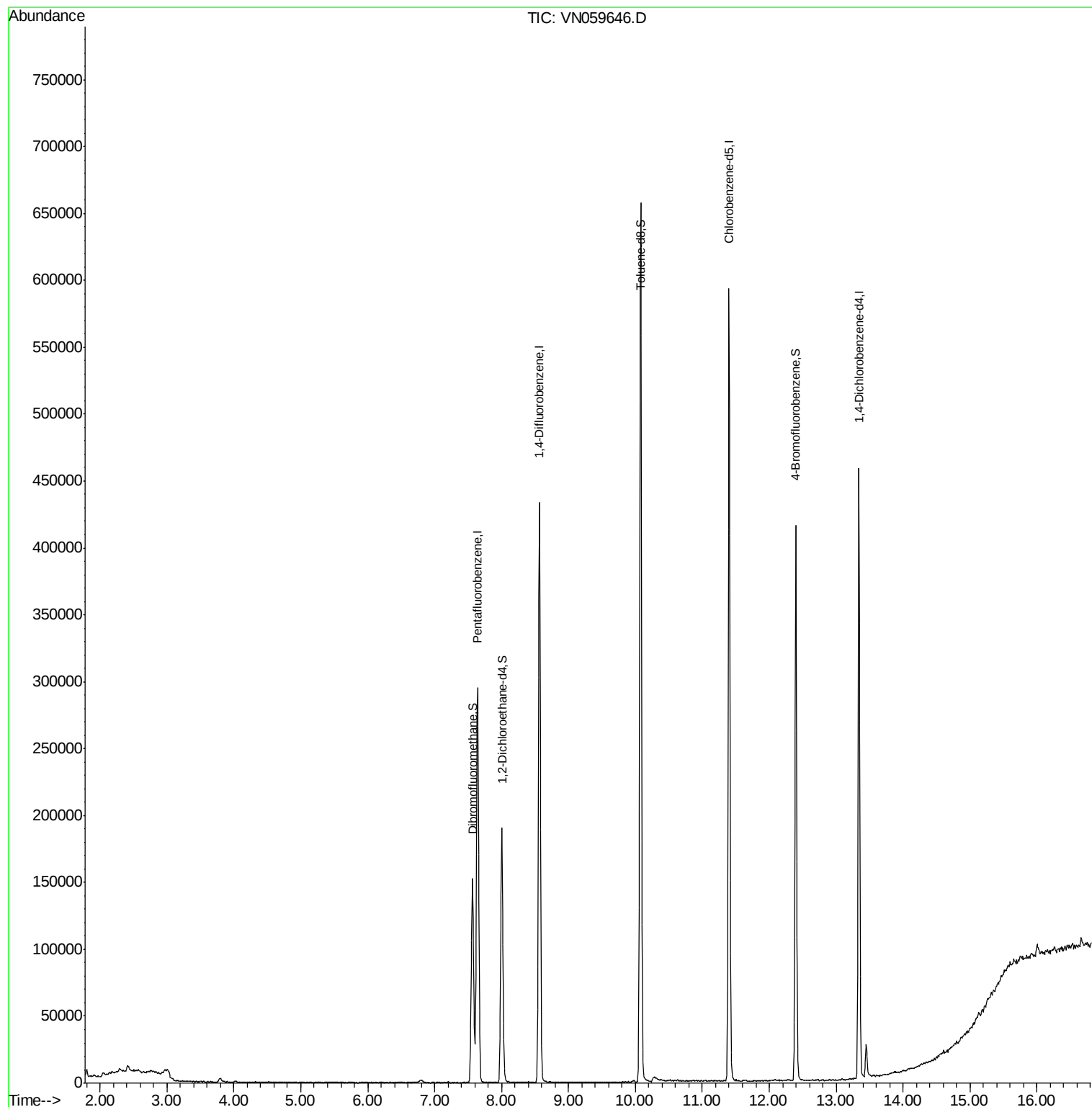
Target Compounds	Qvalue

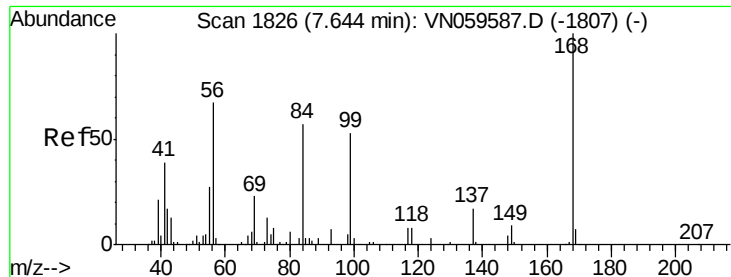
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121819\
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Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059646.D

Acq: 18 Dec 2019 13:32

Instrument :

MSVOA_N

ClientSampled :

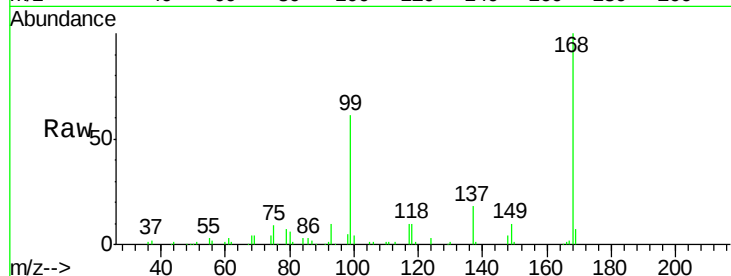
VN1218WBL01

Tot Ion:168 Resp: 228321

Ion Ratio Lower Upper

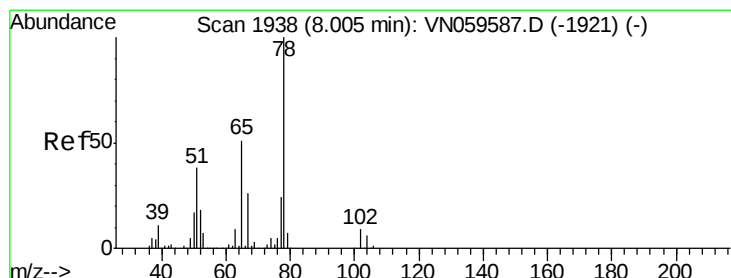
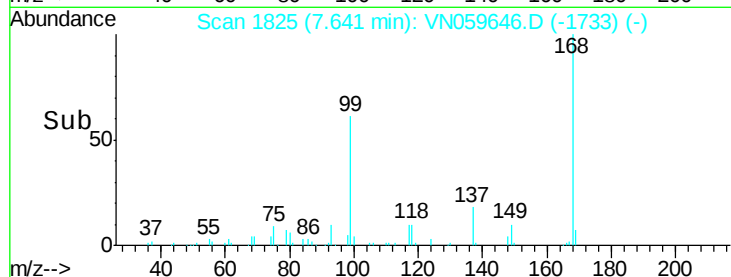
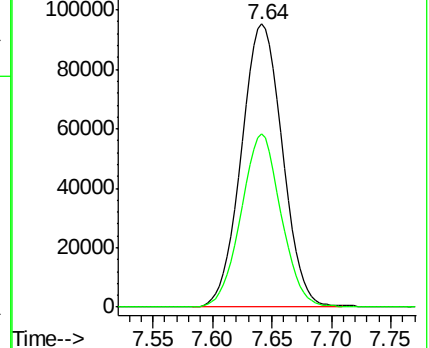
168 100

99 61.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.874 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059646.D

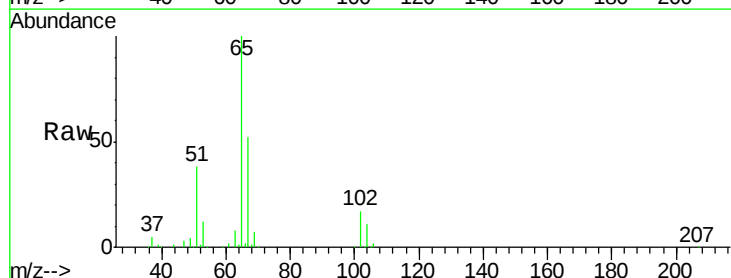
Acq: 18 Dec 2019 13:32

Tgt Ion: 65 Resp: 165702

Ion Ratio Lower Upper

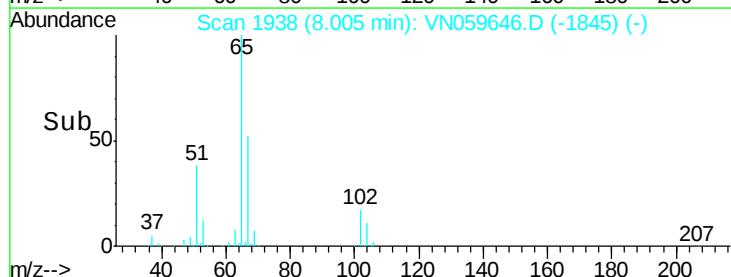
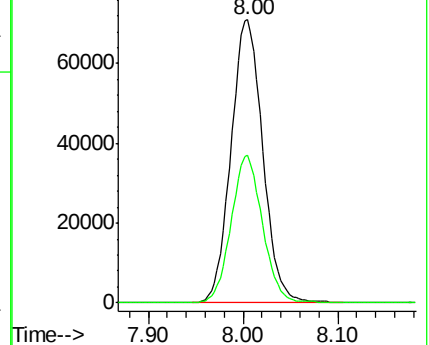
65 100

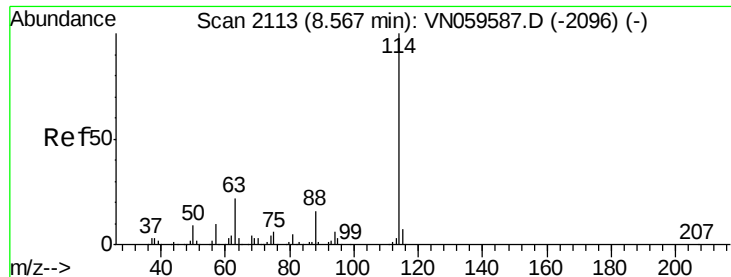
67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

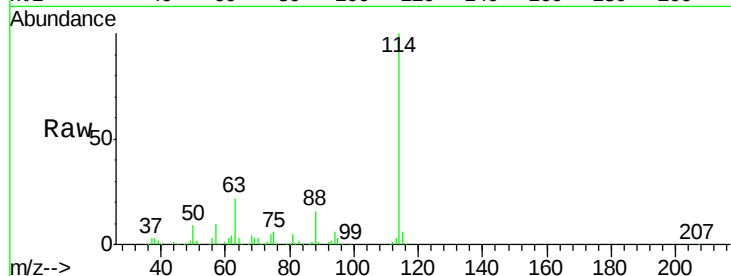




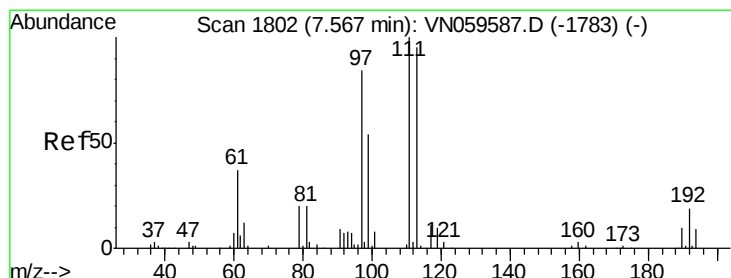
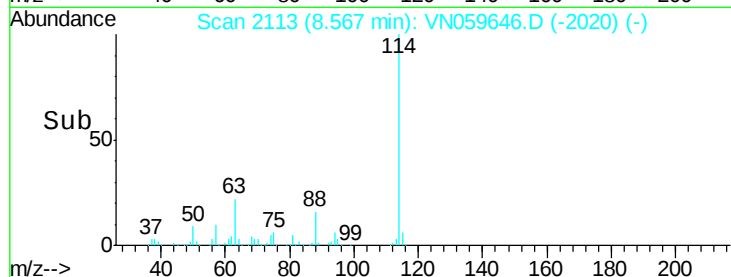
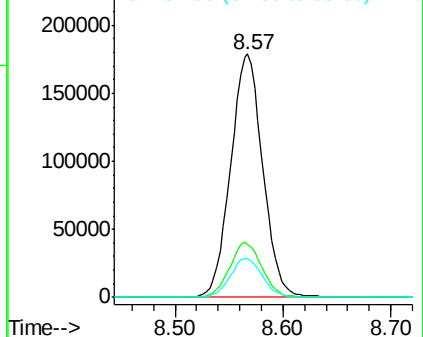
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059646.D
 Acq: 18 Dec 2019 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.6
88	16.1	0.0	31.4

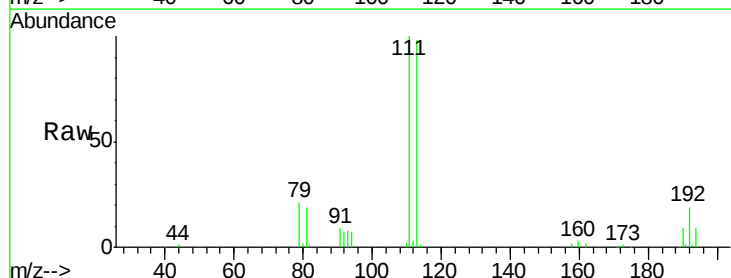


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

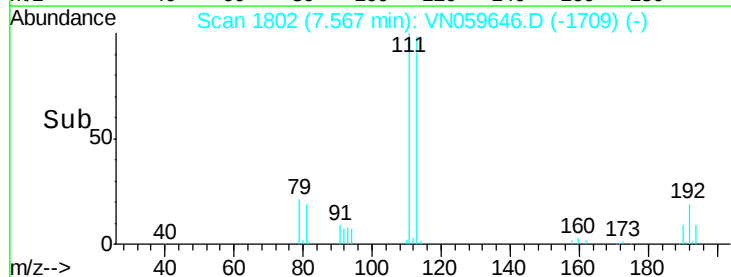
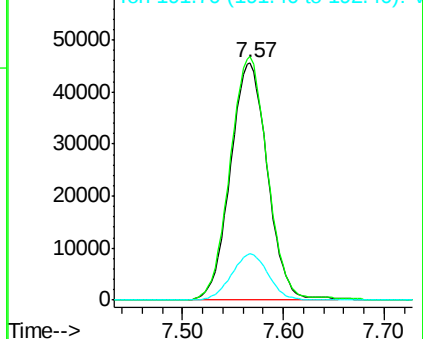


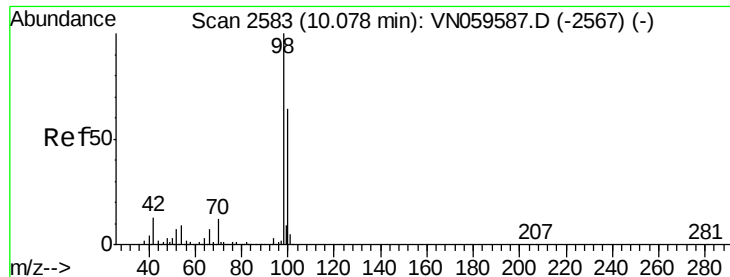
#35
 Dibromofluoromethane
 Concen: 50.182 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059646.D
 Acq: 18 Dec 2019 13:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.5	125.3
192	19.3	15.4	23.2



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: 49.644 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059646.D

Acq: 18 Dec 2019 13:32

Instrument :

MSVOA_N

ClientSampled :

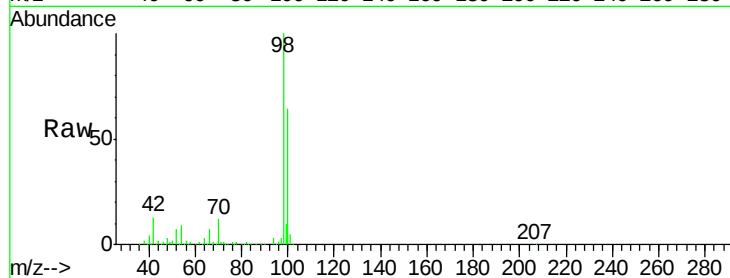
VN1218WBL01

Tot Ion: 98 Resp: 455614

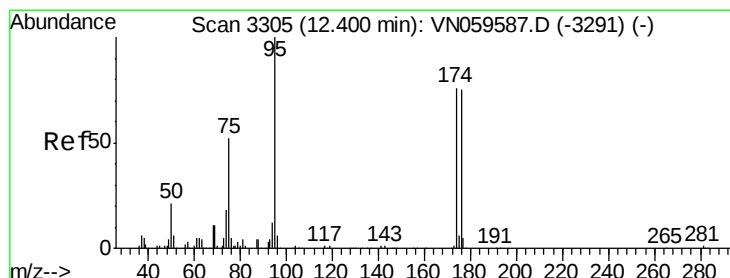
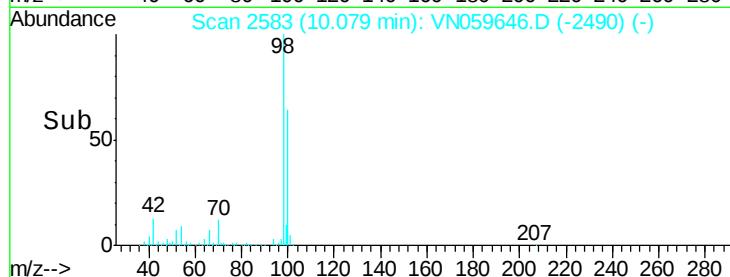
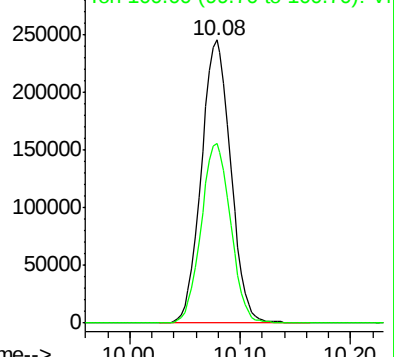
Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059587.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 42.544 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059646.D

Acq: 18 Dec 2019 13:32

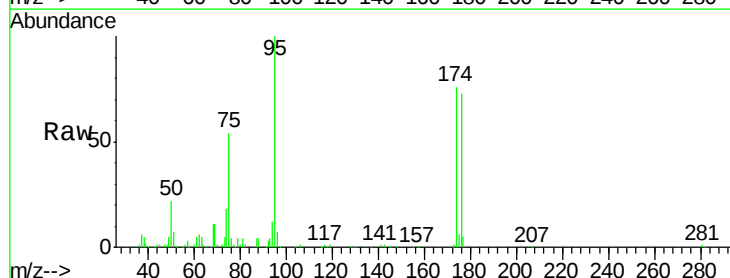
Tgt Ion: 95 Resp: 142472

Ion Ratio Lower Upper

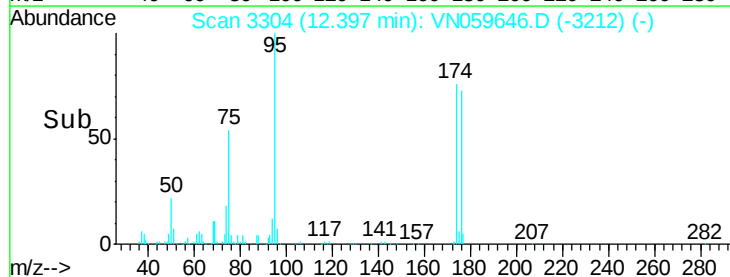
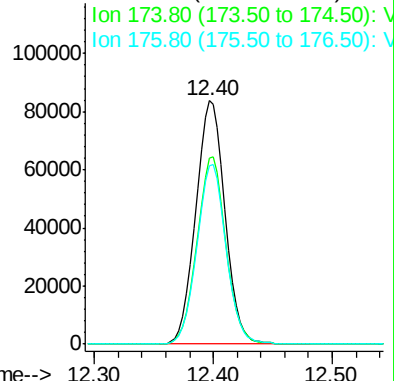
95 100

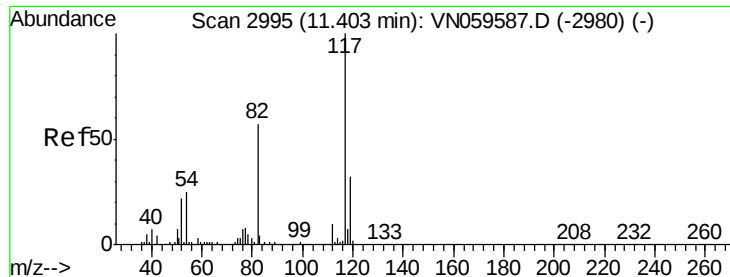
174 76.2 0.0 151.4

176 73.7 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059587.D (-3291) (-)

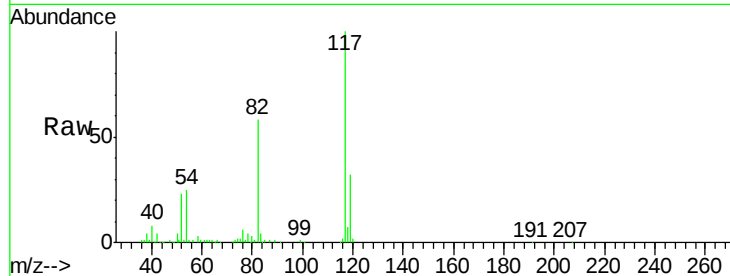




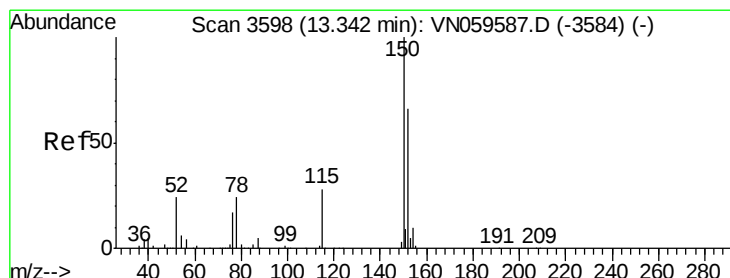
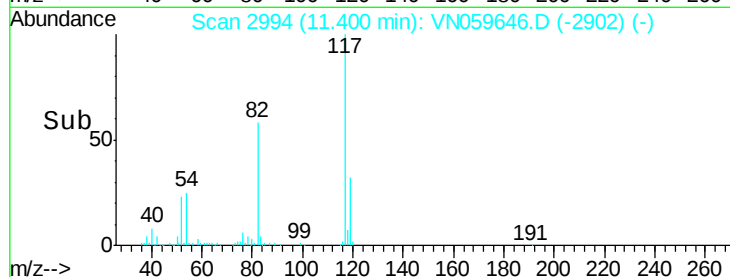
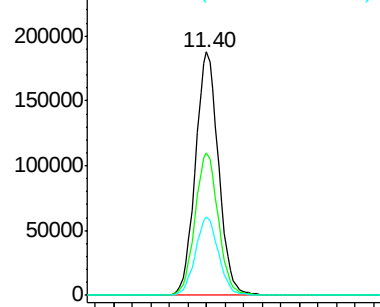
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059646.D
Acq: 18 Dec 2019 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBL01

Tot Ion:117 Resp: 323980
Ion Ratio Lower Upper
117 100
82 58.5 45.9 68.9
119 32.0 25.5 38.3

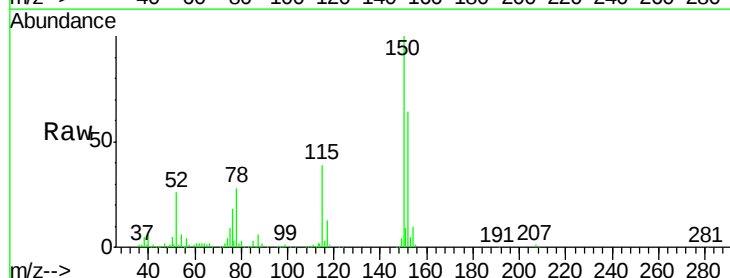


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN059646.D
Acq: 18 Dec 2019 13:32

Tgt Ion:152 Resp: 118303
Ion Ratio Lower Upper
152 100
115 60.9 30.3 90.9
150 156.8 0.0 345.2



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

