

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060979.D
 Acq On : 15 Apr 2020 22:17
 Operator : JC/MD
 Sample : VN0415WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415WBL02

Quant Time: Apr 16 08:06:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	136965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	231801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	220311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98076	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	93086	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.56	113	69655	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	10.08	98	289431	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.39	95	108408	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

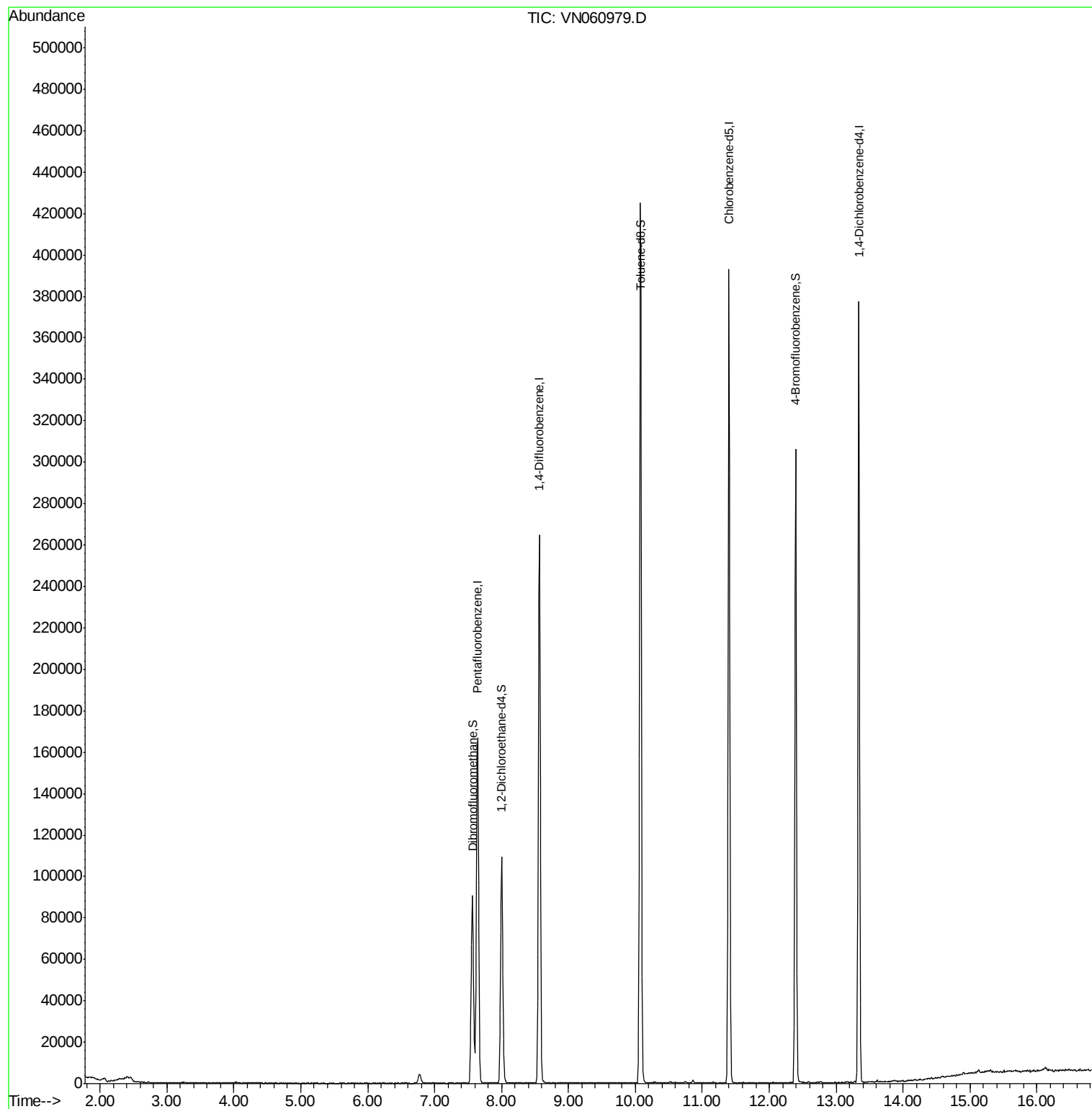
Target Compounds	Qvalue

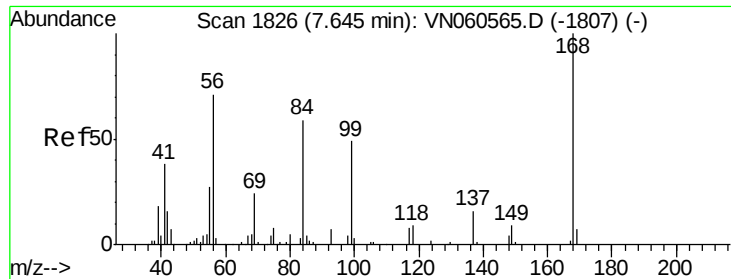
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060979.D

Acq: 15 Apr 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

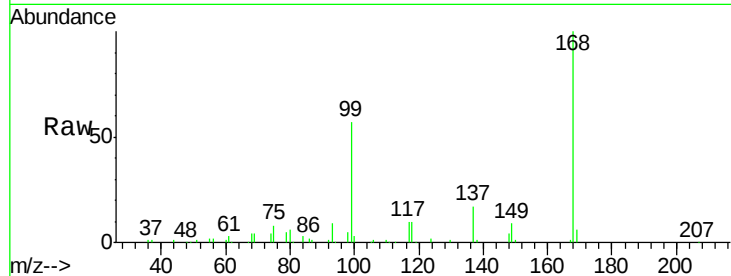
VN0415WBL02

Tot Ion:168 Resp: 136965

Ion Ratio Lower Upper

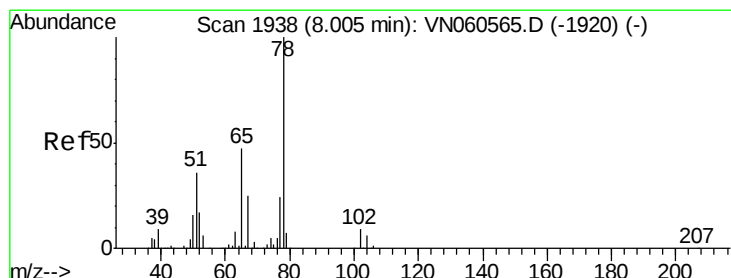
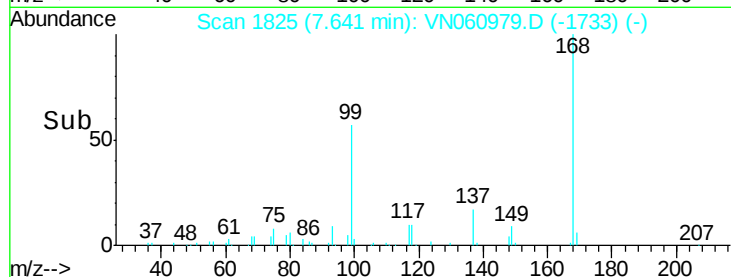
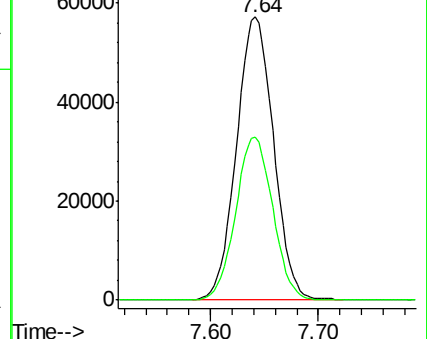
168 100

99 57.4 44.0 66.0



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: 49.508 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060979.D

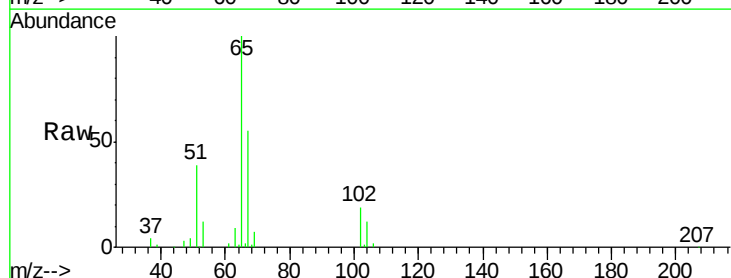
Acq: 15 Apr 2020 22:17

Tgt Ion: 65 Resp: 93086

Ion Ratio Lower Upper

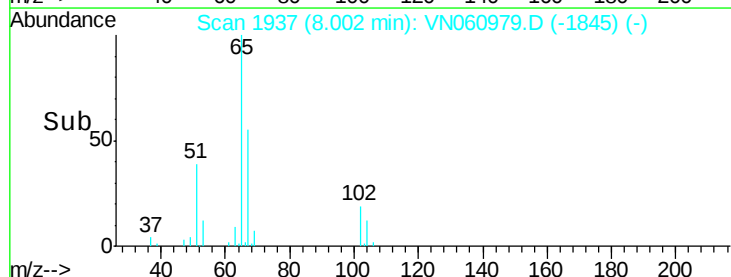
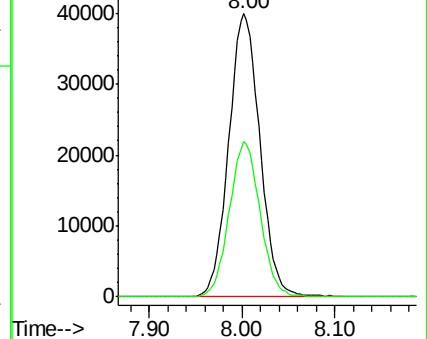
65 100

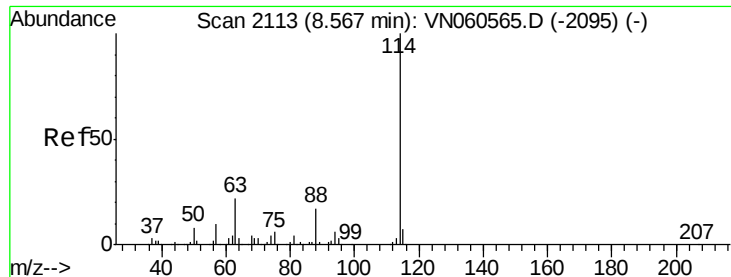
67 54.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

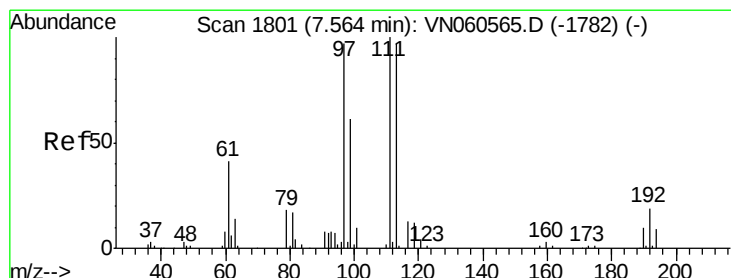
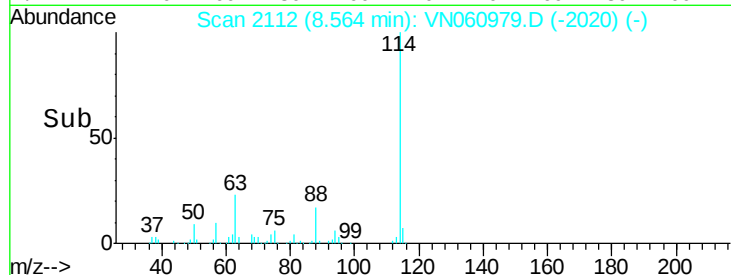
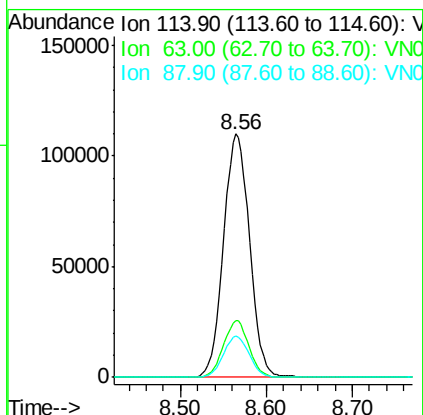
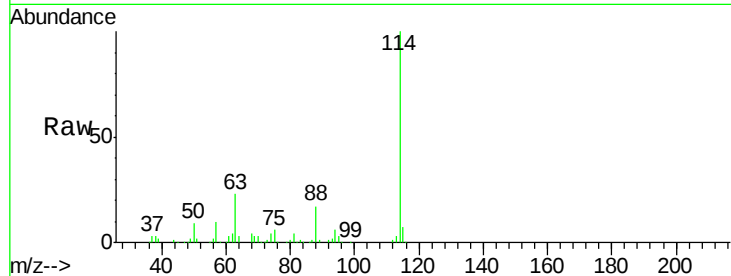




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060979.D
 Acq: 15 Apr 2020 22:17

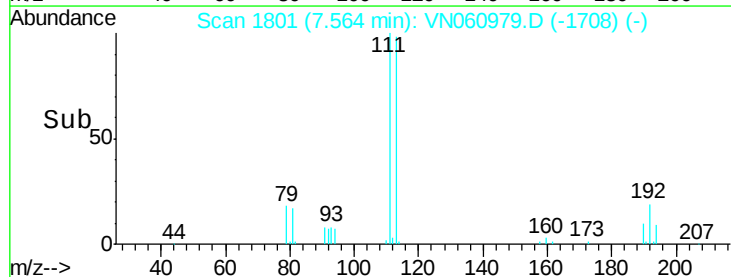
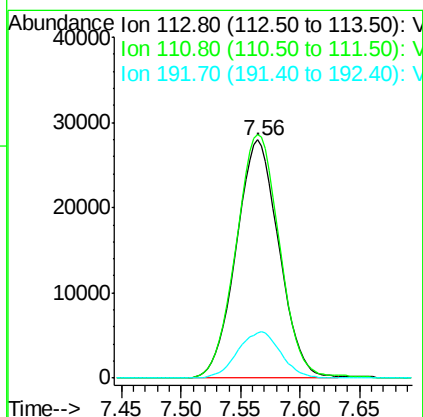
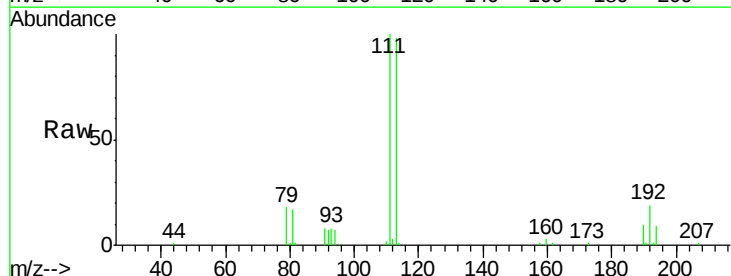
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415WBL02

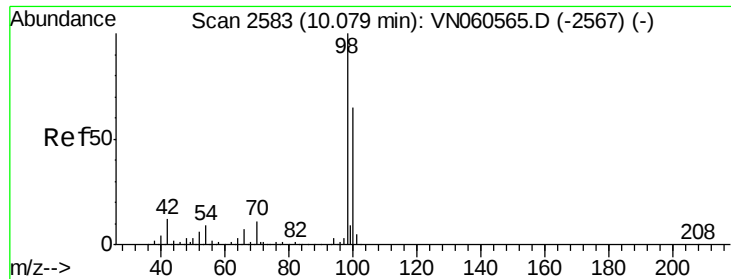
Tot Ion:114	Resp:	231801
Ion Ratio	Lower	Upper
114 100		
63 23.3	0.0	43.8
88 16.8	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.696 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060979.D
 Acq: 15 Apr 2020 22:17

Tgt Ion:113	Resp:	69655
Ion Ratio	Lower	Upper
113 100		
111 104.1	82.9	124.3
192 19.6	15.8	23.8





#50

Toluene-d8

Concen: 50.555 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060979.D

Acq: 15 Apr 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

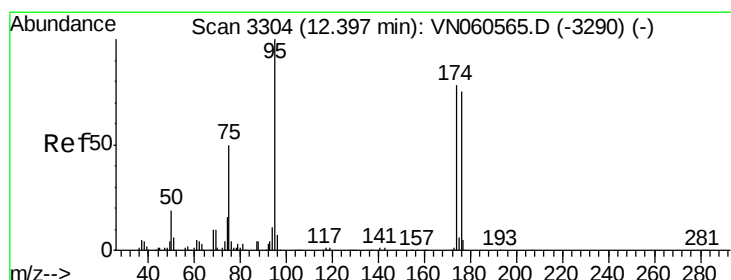
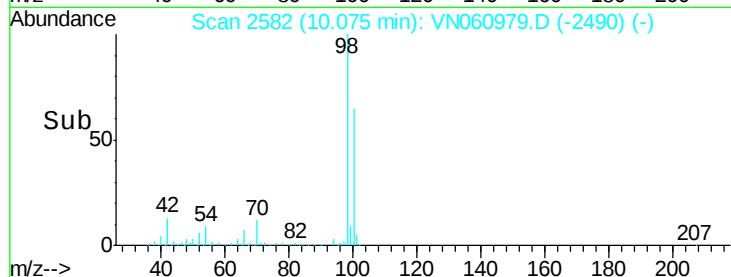
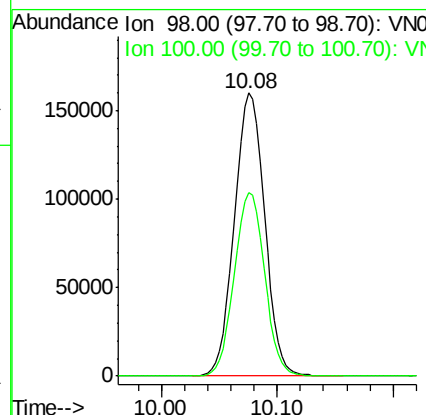
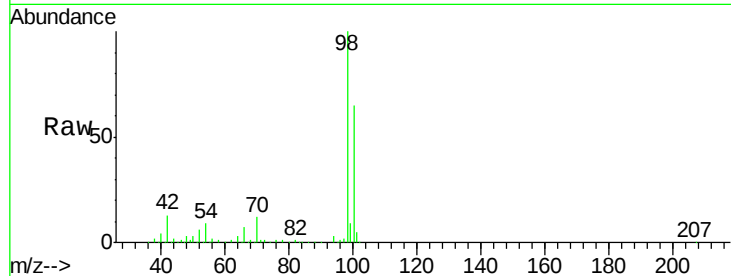
VN0415WBL02

Tot Ion: 98 Resp: 289431

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 51.668 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060979.D

Acq: 15 Apr 2020 22:17

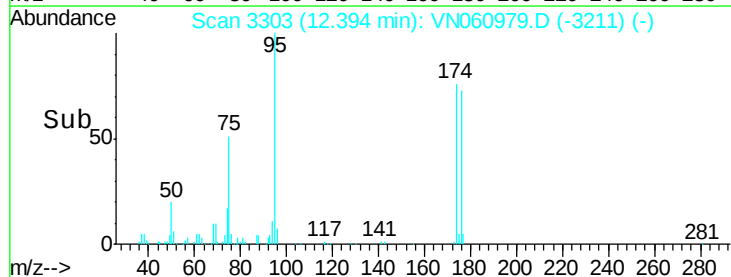
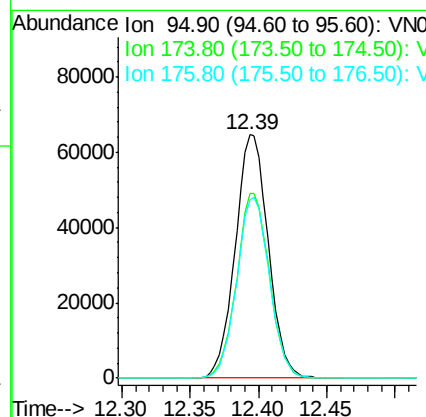
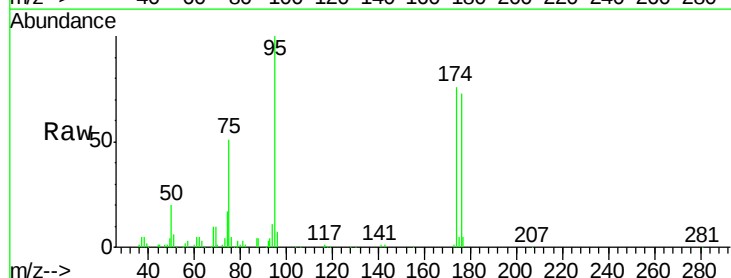
Tgt Ion: 95 Resp: 108408

Ion Ratio Lower Upper

95 100

174 75.4 0.0 157.6

176 73.7 0.0 150.6

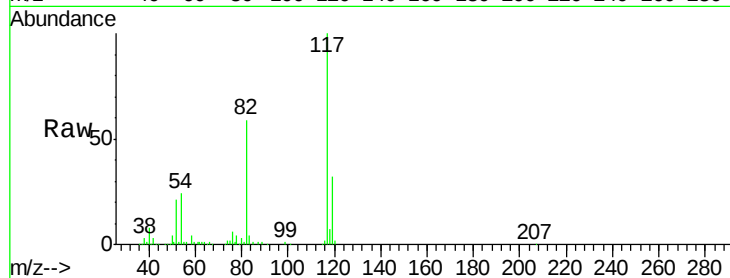




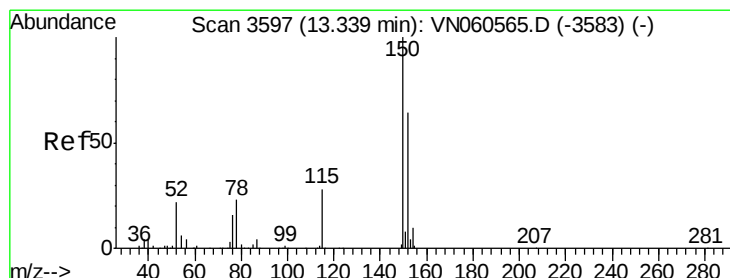
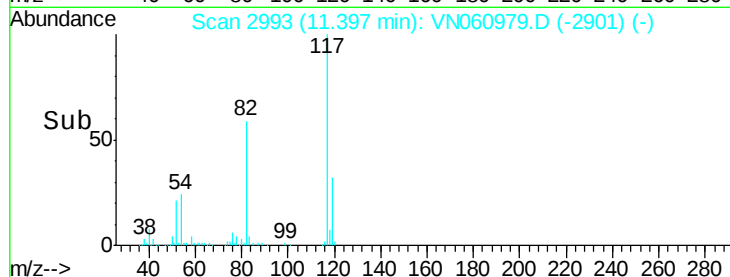
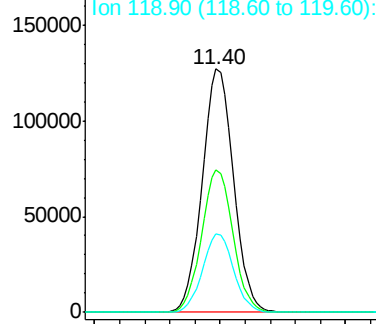
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060979.D
Acq: 15 Apr 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN0415WBL02

Tot Ion:117 Resp: 220311
Ion Ratio Lower Upper
117 100
82 58.5 46.7 70.1
119 32.0 25.5 38.3

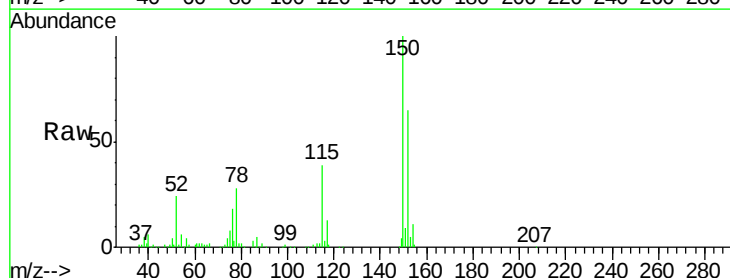


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060979.D
Acq: 15 Apr 2020 22:17

Tgt Ion:152 Resp: 98076
Ion Ratio Lower Upper
152 100
115 60.9 30.2 90.6
150 156.9 0.0 350.2



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

