

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061974.D
 Acq On : 20 Jun 2020 4:03
 Operator : JC/MD
 Sample : L3043-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20200616

Quant Time: Jun 22 13:37:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	148527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	271950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	257041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	92162	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	99933	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.55	113	86474	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	10.06	98	338110	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.38	95	108004	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	

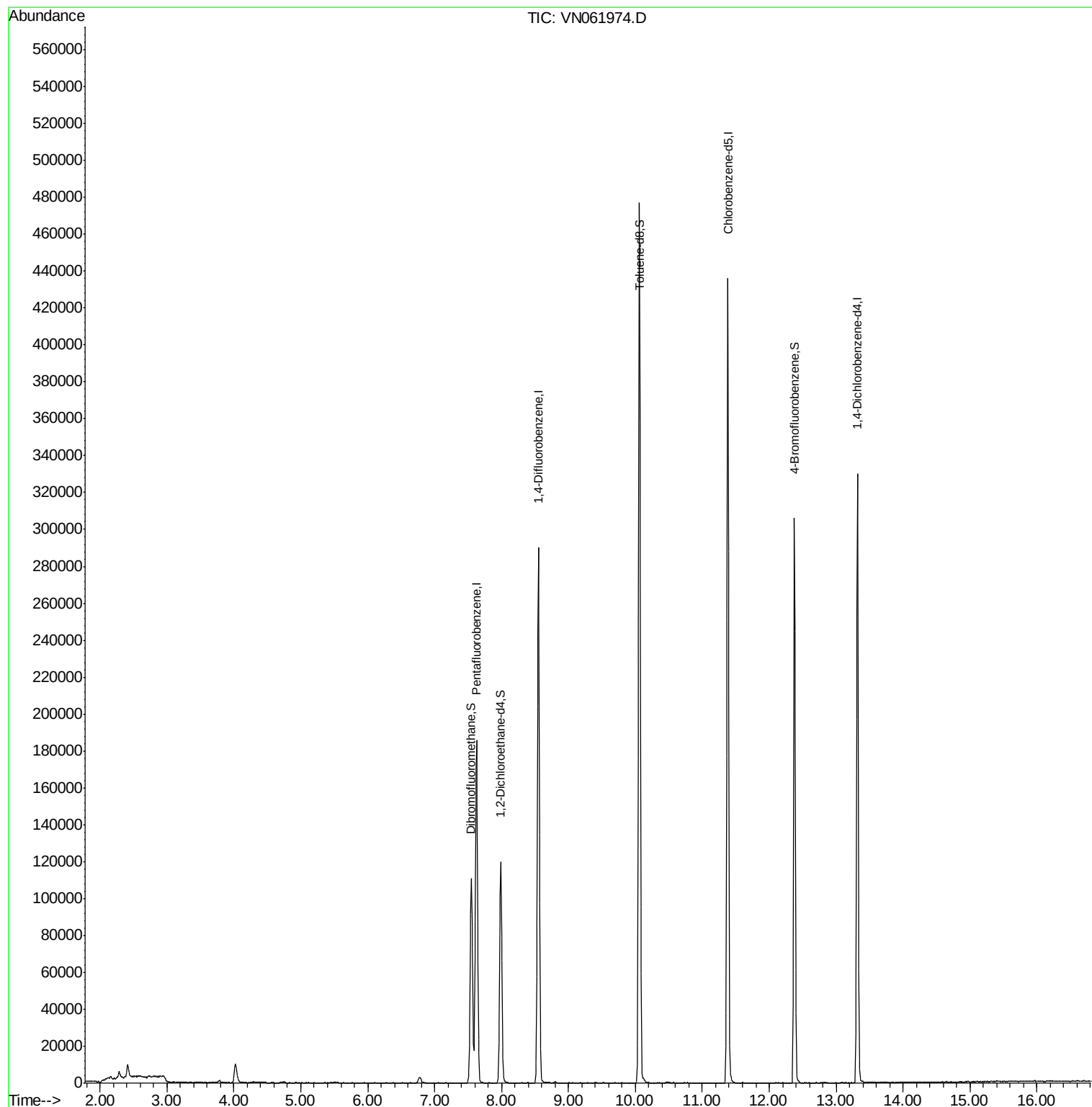
Target Compounds	Qvalue

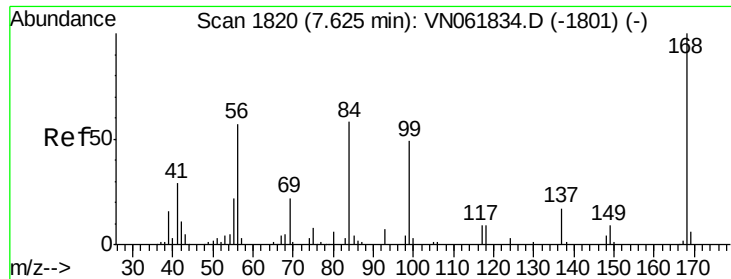
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061974.D

Acq: 20 Jun 2020 4:03

Instrument :

MSVOA_N

ClientSampleId :

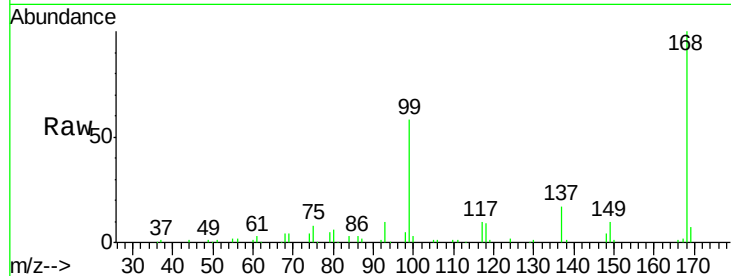
EB-20200616

Tot Ion:168 Resp: 148527

Ion Ratio Lower Upper

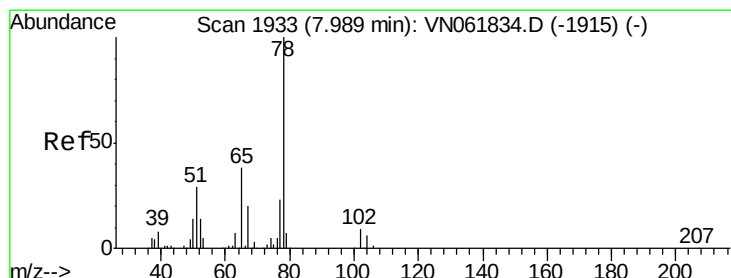
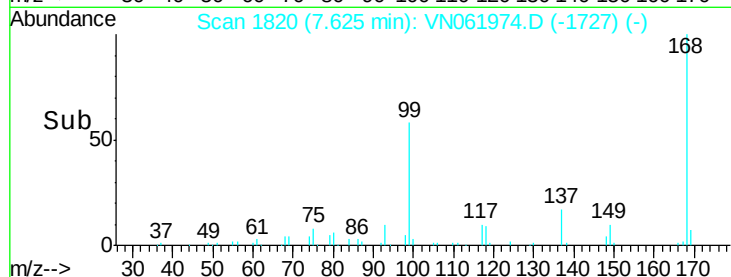
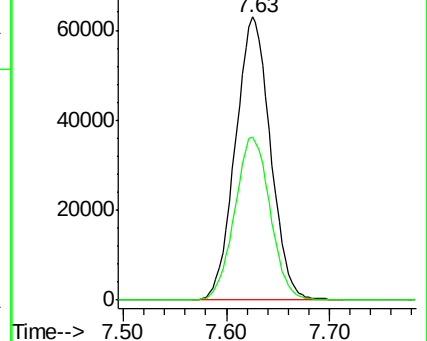
168 100

99 57.7 44.6 67.0



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: 50.168 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061974.D

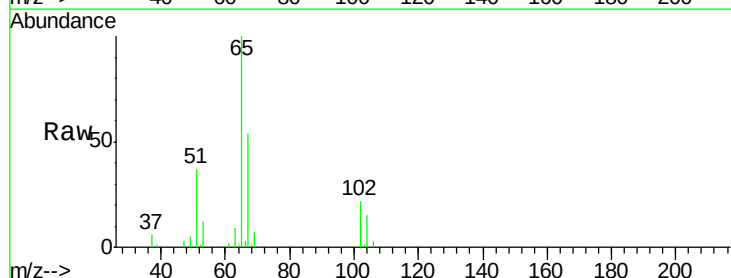
Acq: 20 Jun 2020 4:03

Tgt Ion: 65 Resp: 99933

Ion Ratio Lower Upper

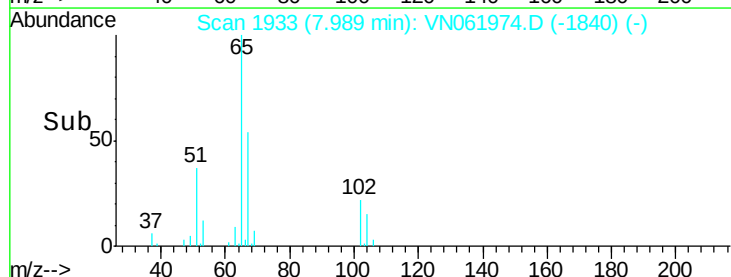
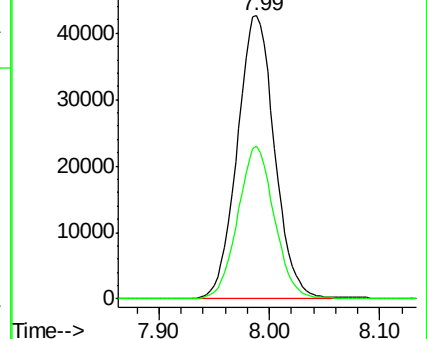
65 100

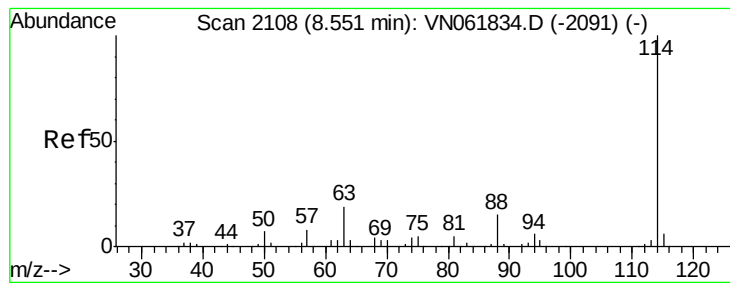
67 52.7 0.0 106.2



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: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061974.D

Acq: 20 Jun 2020 4:03

Instrument :

MSVOA_N

ClientSampleId :

EB-20200616

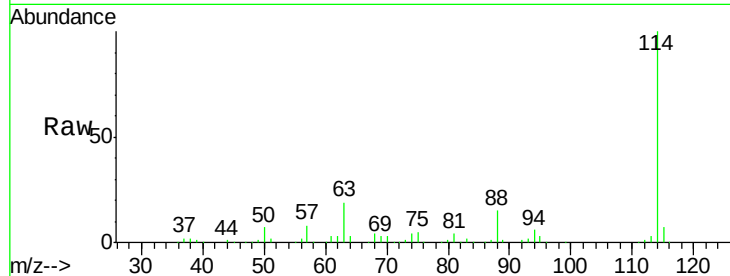
Tot Ion:114 Resp: 271950

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

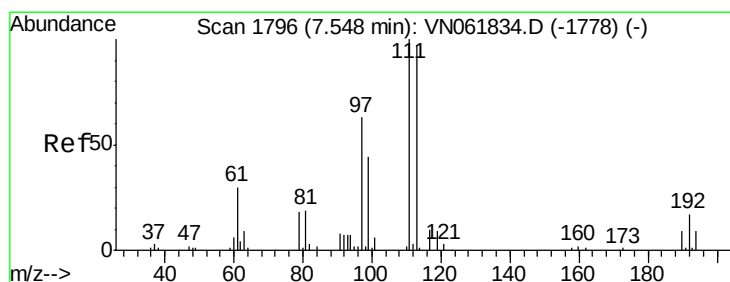
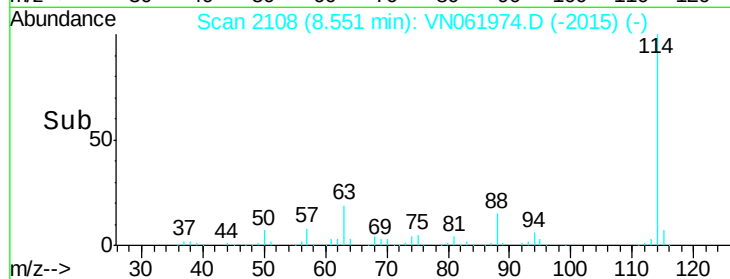
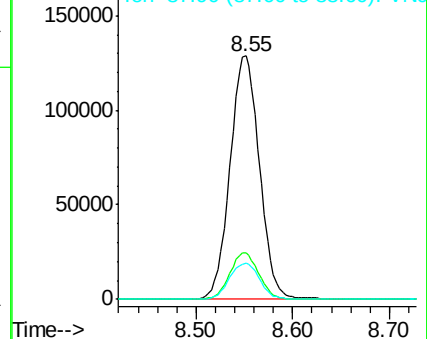
88 15.0 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.704 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061974.D

Acq: 20 Jun 2020 4:03

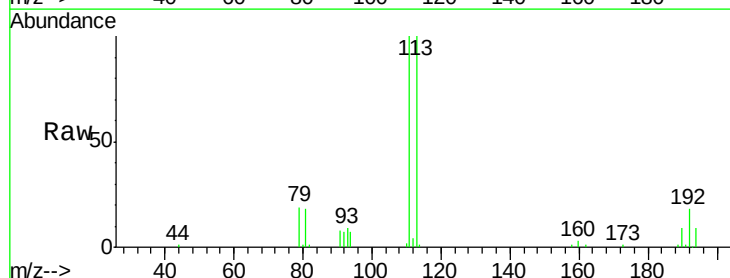
Tgt Ion:113 Resp: 86474

Ion Ratio Lower Upper

113 100

111 101.4 83.7 125.5

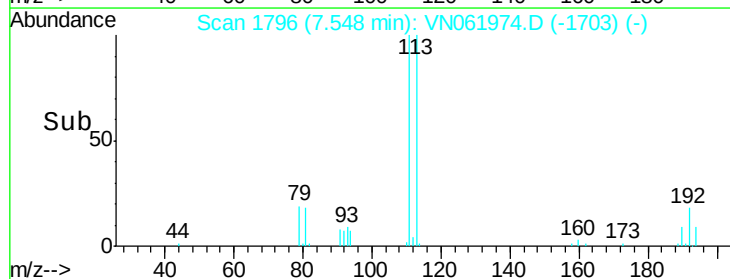
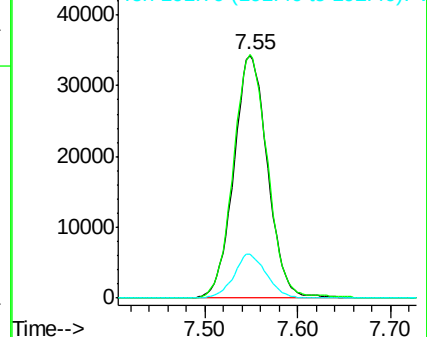
192 17.3 13.9 20.9

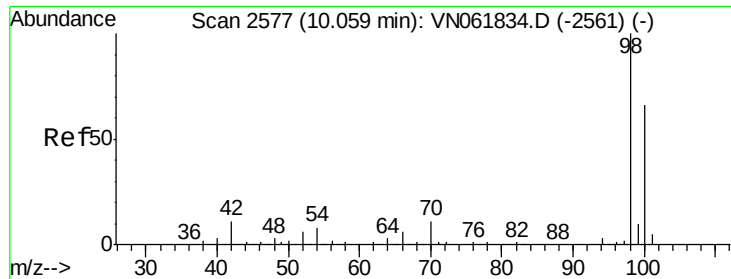


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.432 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061974.D

Acq: 20 Jun 2020 4:03

Instrument :

MSVOA_N

ClientSampleId :

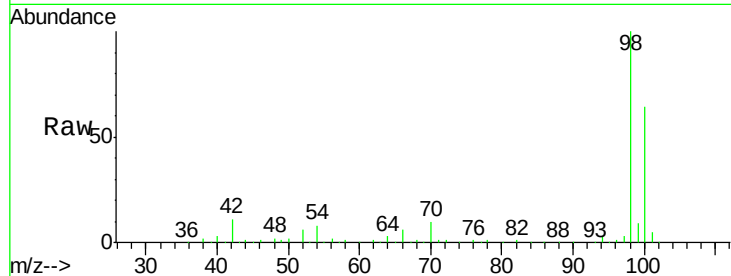
EB-20200616

Tot Ion: 98 Resp: 338110

Ion Ratio Lower Upper

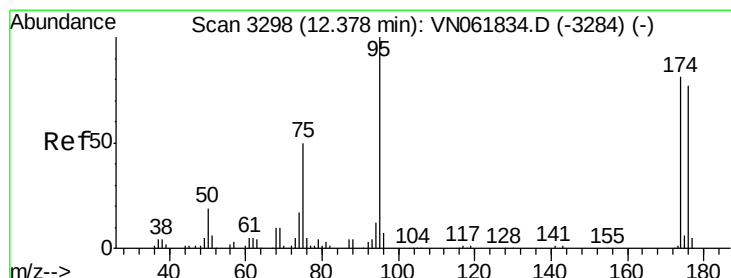
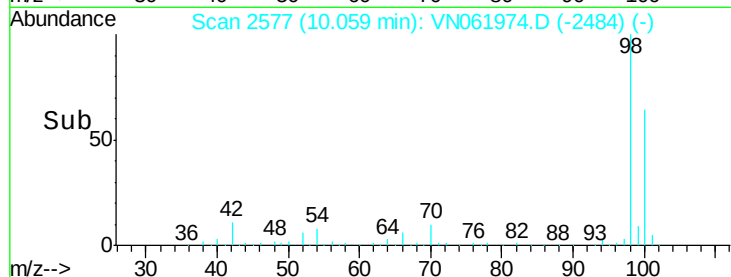
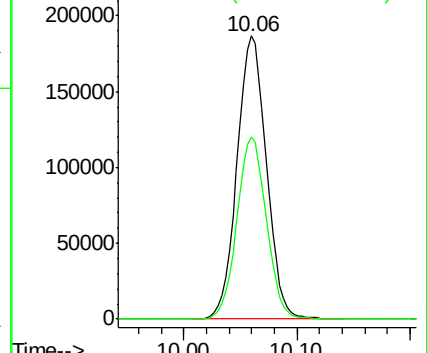
98 100

100 64.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 46.034 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061974.D

Acq: 20 Jun 2020 4:03

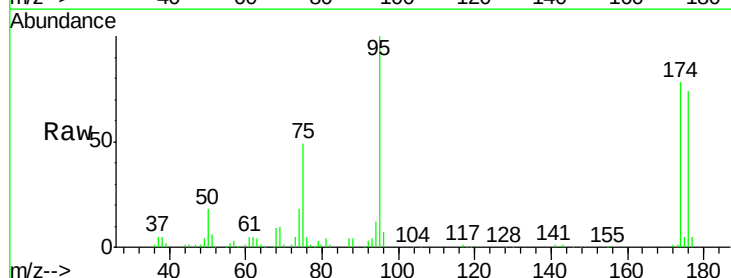
Tgt Ion: 95 Resp: 108004

Ion Ratio Lower Upper

95 100

174 78.5 0.0 158.6

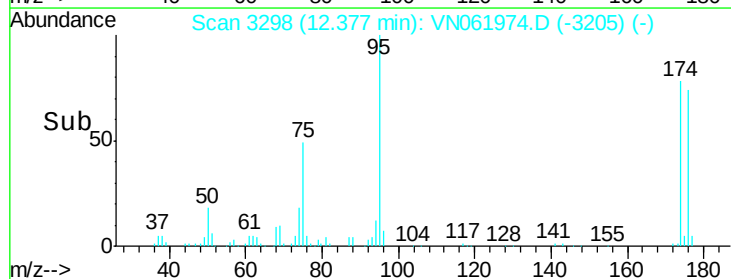
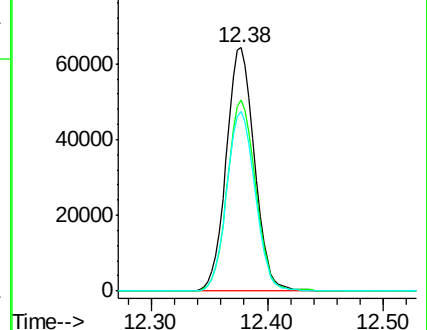
176 74.2 0.0 152.0

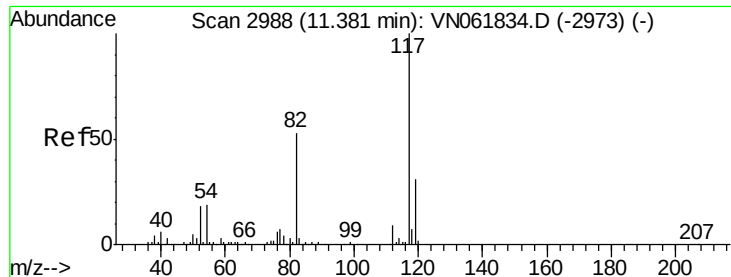


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

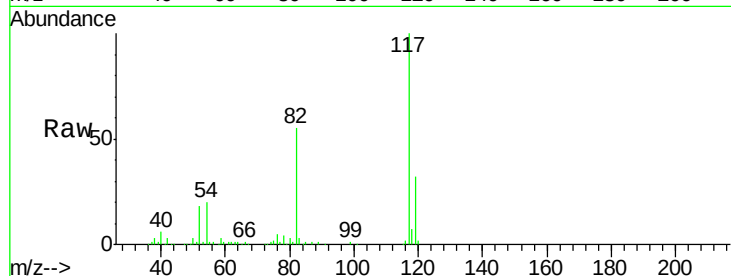




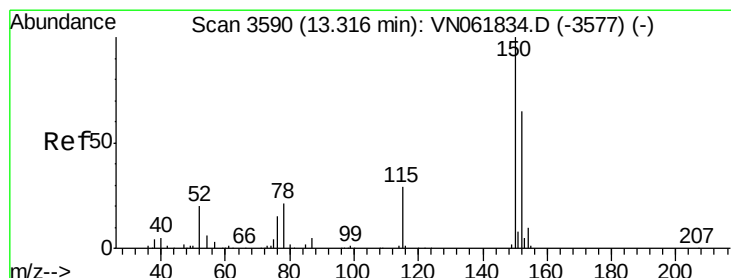
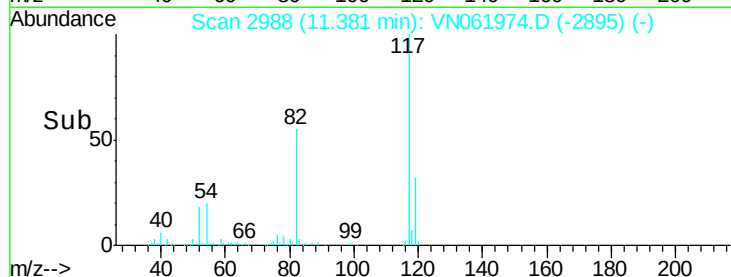
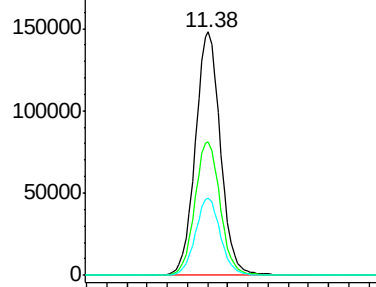
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061974.D
Acq: 20 Jun 2020 4:03

Instrument :
MSVOA_N
ClientSampleId :
EB-20200616

Tot Ion:117 Resp: 257041
Ion Ratio Lower Upper
117 100
82 54.9 42.6 64.0
119 31.9 24.7 37.1

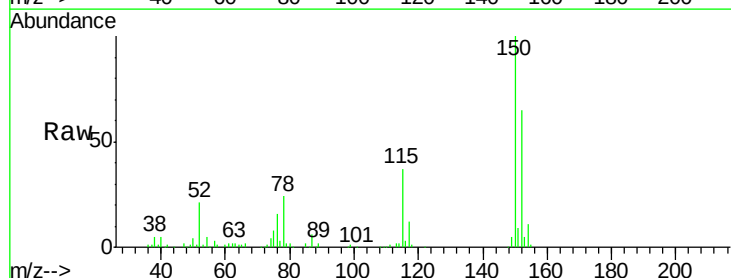


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061974.D
Acq: 20 Jun 2020 4:03

Tgt Ion:152 Resp: 92162
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 156.5 0.0 347.6



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

