

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062572.D
 Acq On : 21 Jul 2020 15:25
 Operator : JC/MD
 Sample : VN0721WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBL01

Quant Time: Jul 22 06:43:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	184421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	326377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	312483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	109588	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	142560	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	7.55	113	107087	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	10.06	98	415288	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.38	95	142596	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

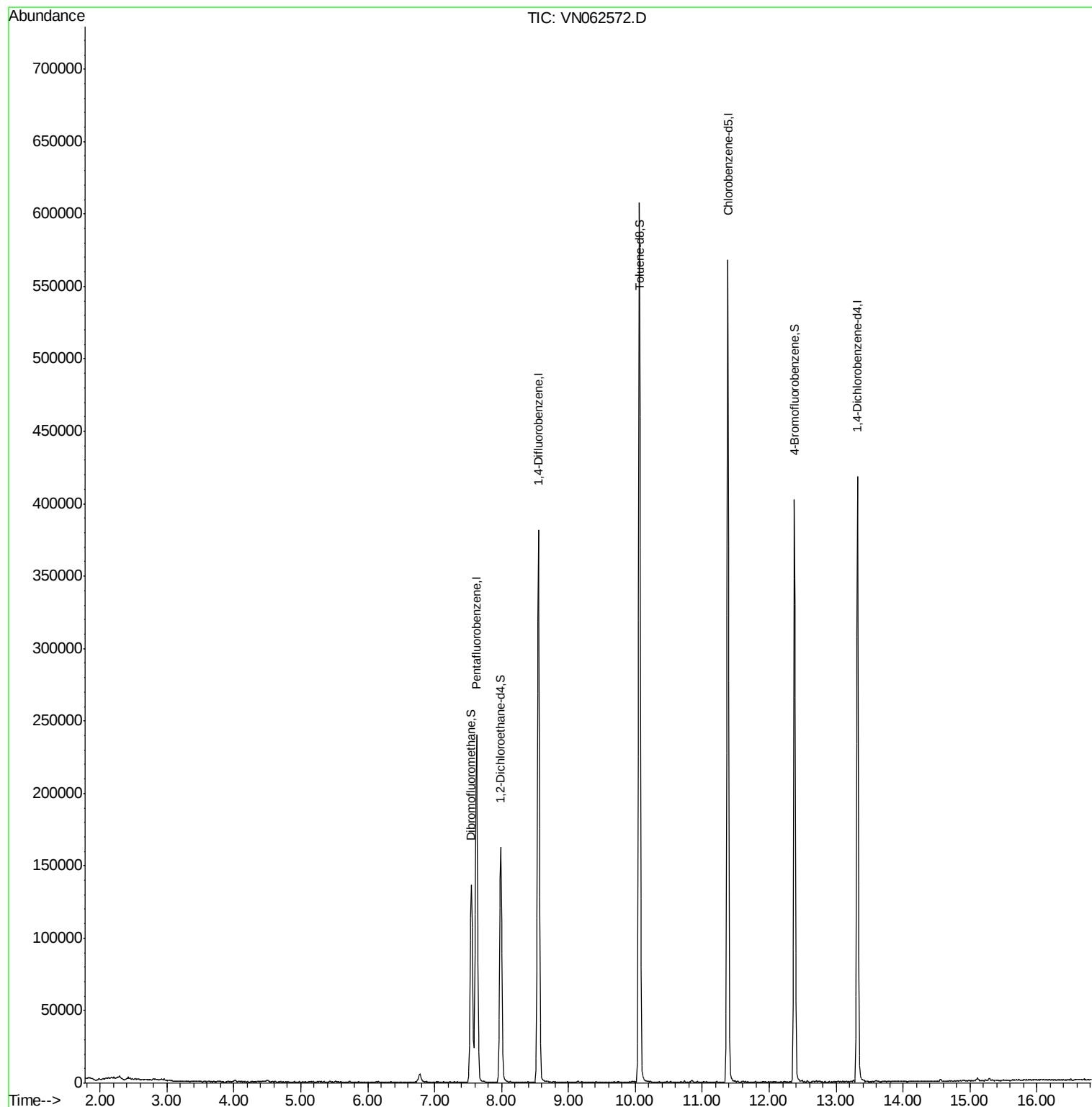
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062572.D

Acq: 21 Jul 2020 15:25

Instrument :

MSVOA_N

ClientSampleId :

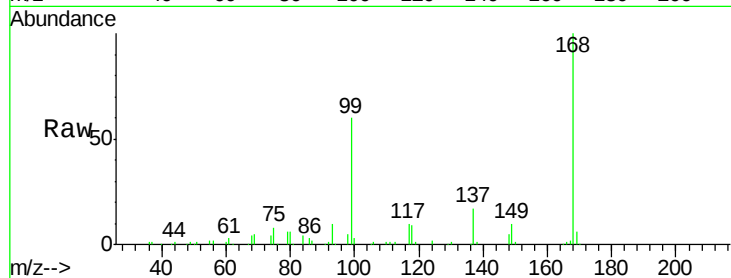
VN0721WBL01

Tot Ion:168 Resp: 184421

Ion Ratio Lower Upper

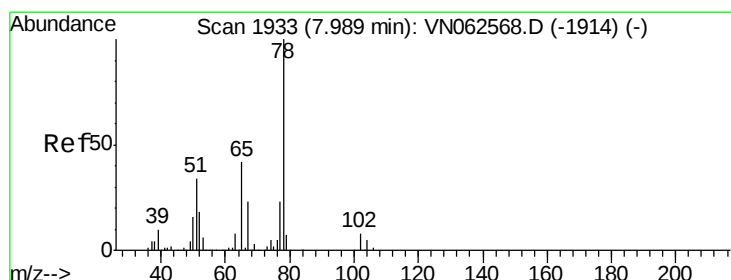
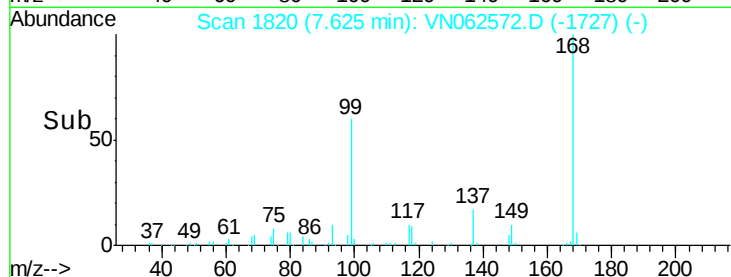
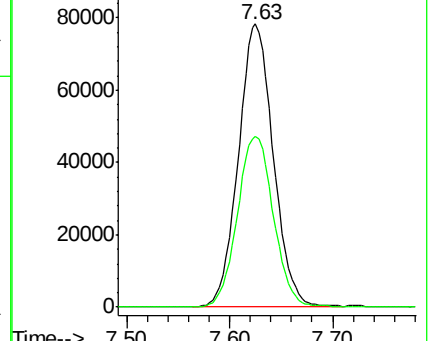
168 100

99 60.2 48.4 72.6



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: 49.761 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062572.D

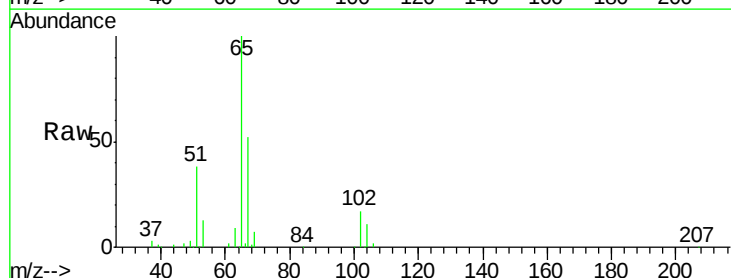
Acq: 21 Jul 2020 15:25

Tgt Ion: 65 Resp: 142560

Ion Ratio Lower Upper

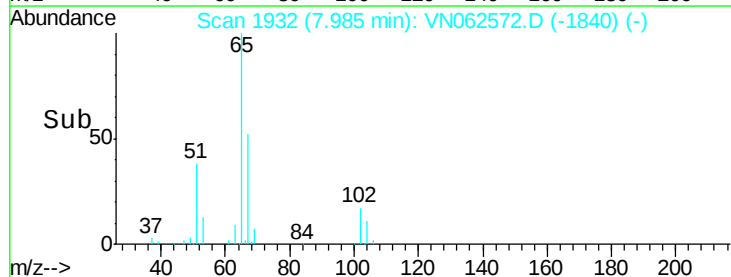
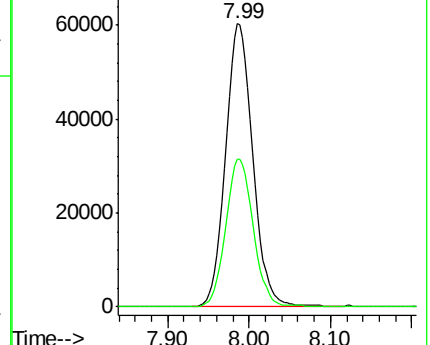
65 100

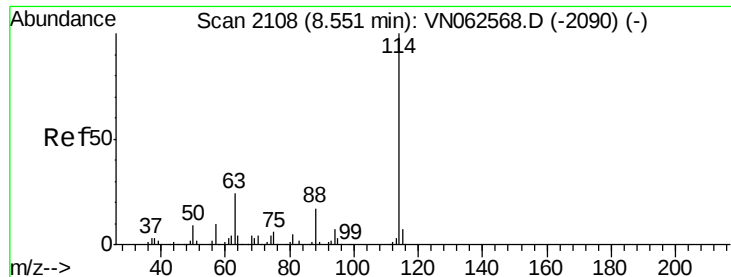
67 52.8 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

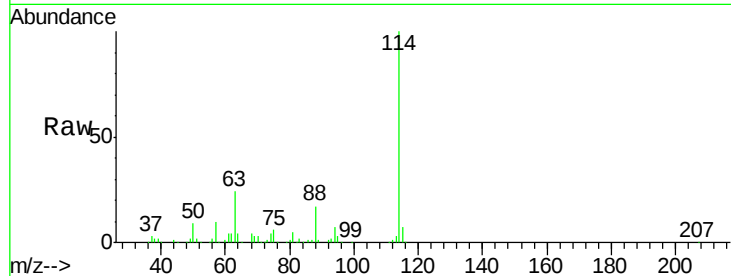




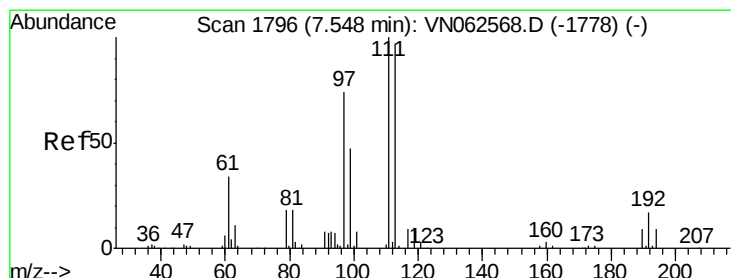
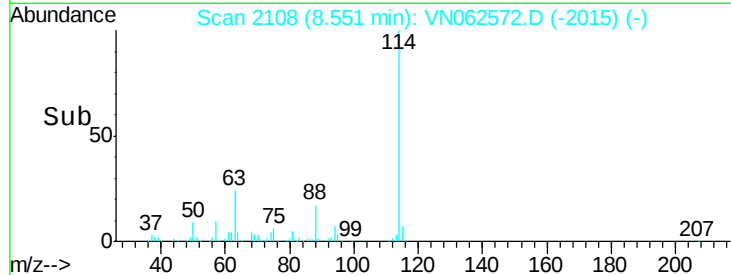
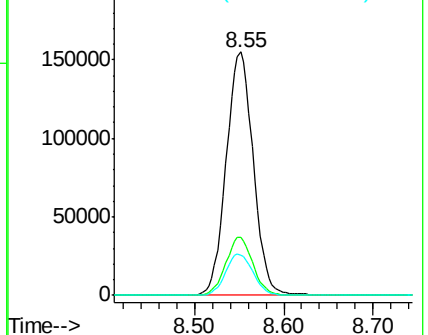
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062572.D
 Acq: 21 Jul 2020 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	48.4
88	16.6	0.0	33.8

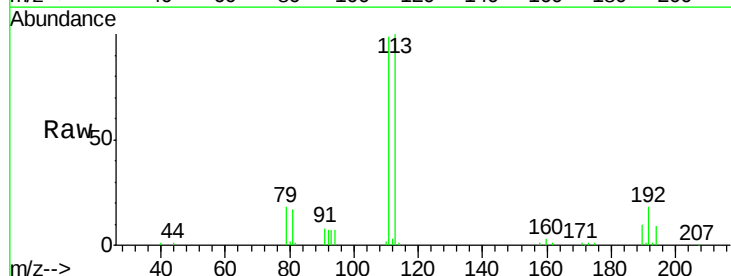


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

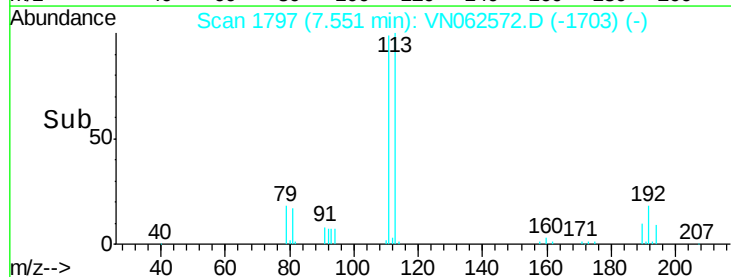
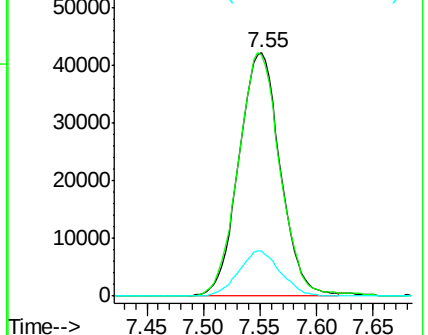


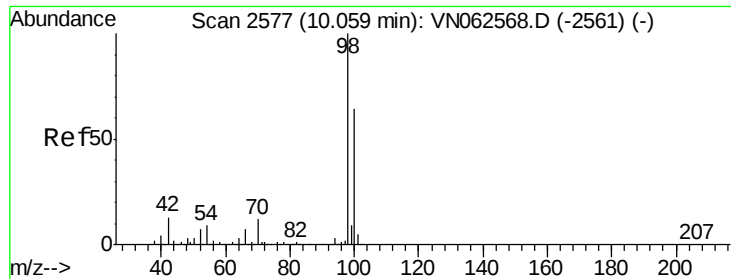
#35
 Dibromofluoromethane
 Concen: 49.951 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062572.D
 Acq: 21 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.7	124.1
192	18.7	14.8	22.2



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

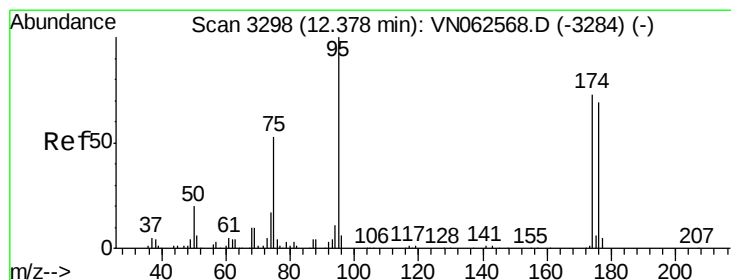
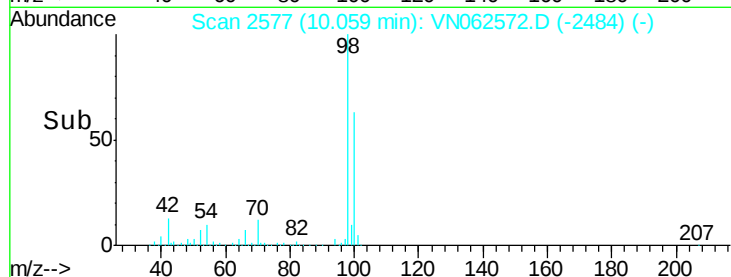
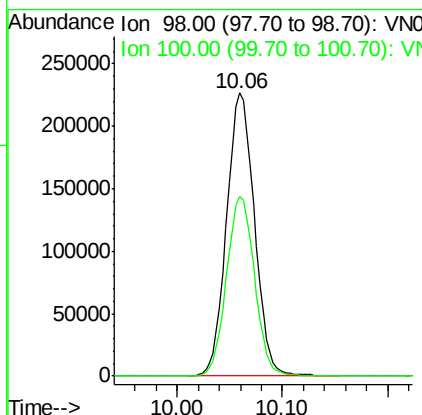
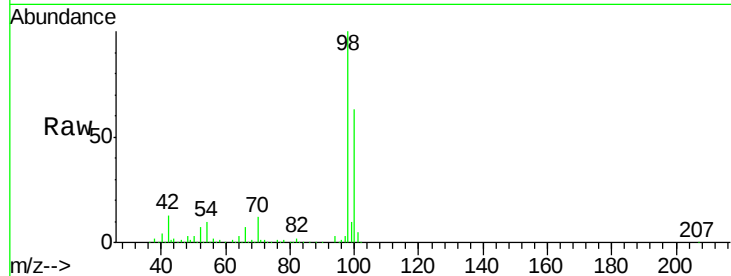




#50
Toluene-d8
Concen: 48.550 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062572.D
Acq: 21 Jul 2020 15:25

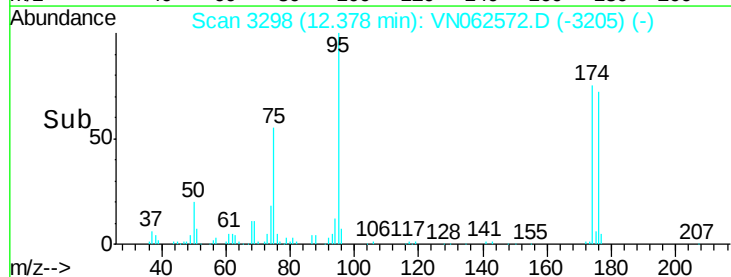
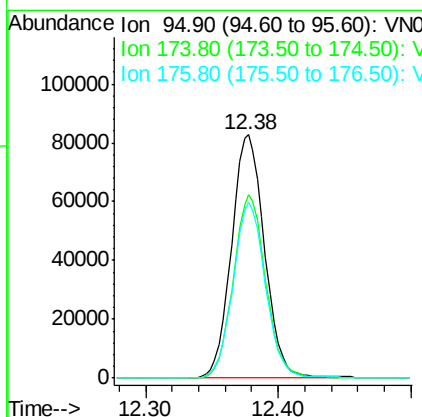
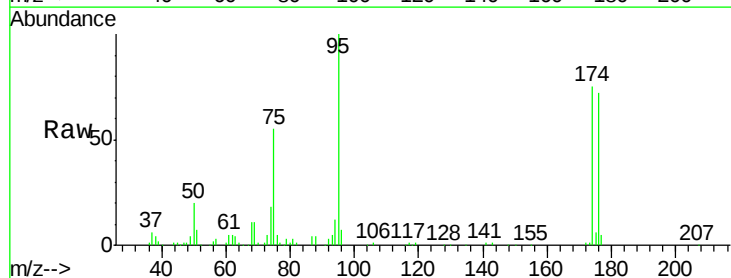
Instrument :
MSVOA_N
ClientSampled :
VN0721WBL01

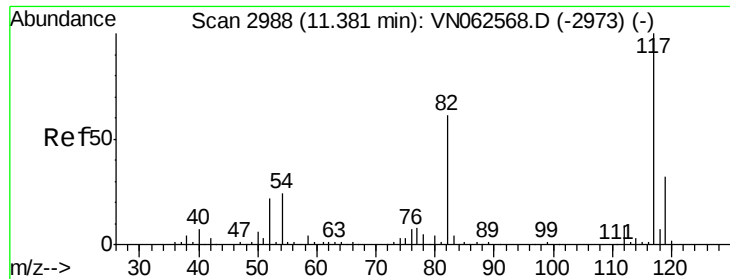
Tot Ion: 98 Resp: 415288
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.593 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062572.D
Acq: 21 Jul 2020 15:25

Tgt Ion: 95 Resp: 142596
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.6
176 70.9 0.0 139.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062572.D

Acq: 21 Jul 2020 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBL01

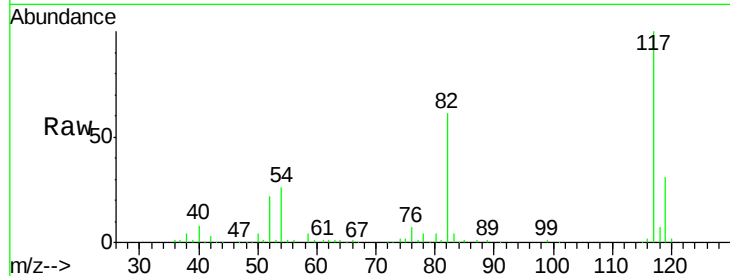
Tot Ion:117 Resp: 312483

Ion Ratio Lower Upper

117 100

82 61.5 49.0 73.6

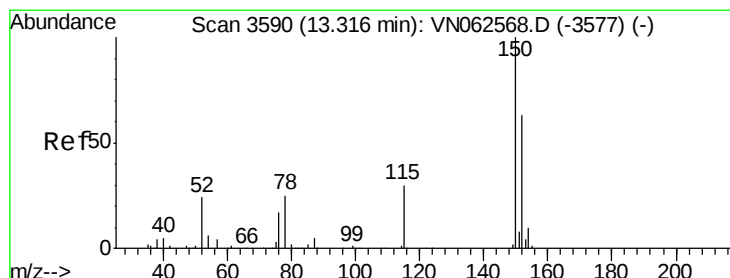
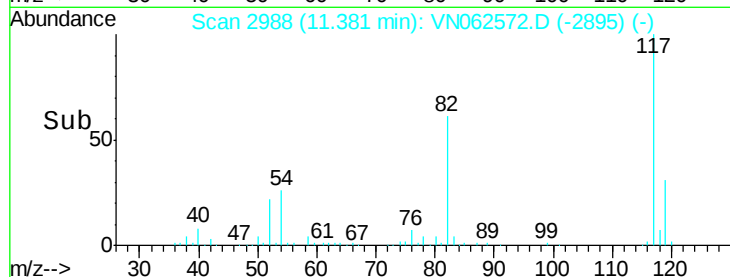
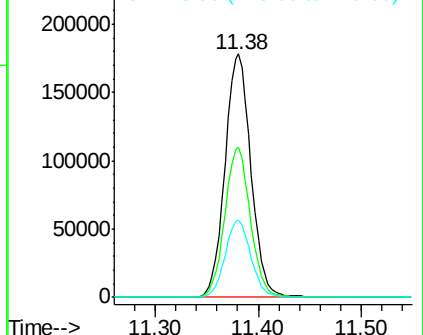
119 31.5 25.4 38.2



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: VN062572.D

Acq: 21 Jul 2020 15:25

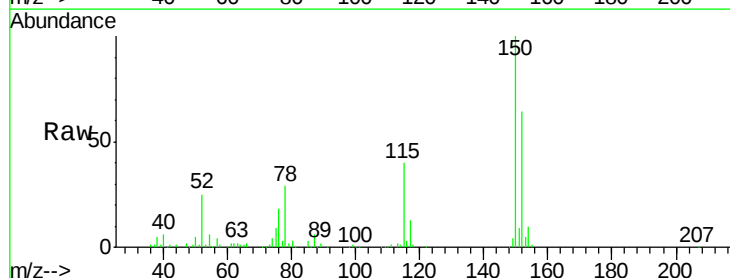
Tgt Ion:152 Resp: 109588

Ion Ratio Lower Upper

152 100

115 62.7 31.8 95.4

150 155.2 0.0 351.4



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

