

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063106.D
 Acq On : 25 Aug 2020 11:40
 Operator : JC/MD
 Sample : VN0825WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBL01

Quant Time: Aug 26 06:00:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	140024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	236164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101473	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	87812	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
35) Dibromofluoromethane	7.55	113	77593	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.06	98	298088	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.38	95	106163	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

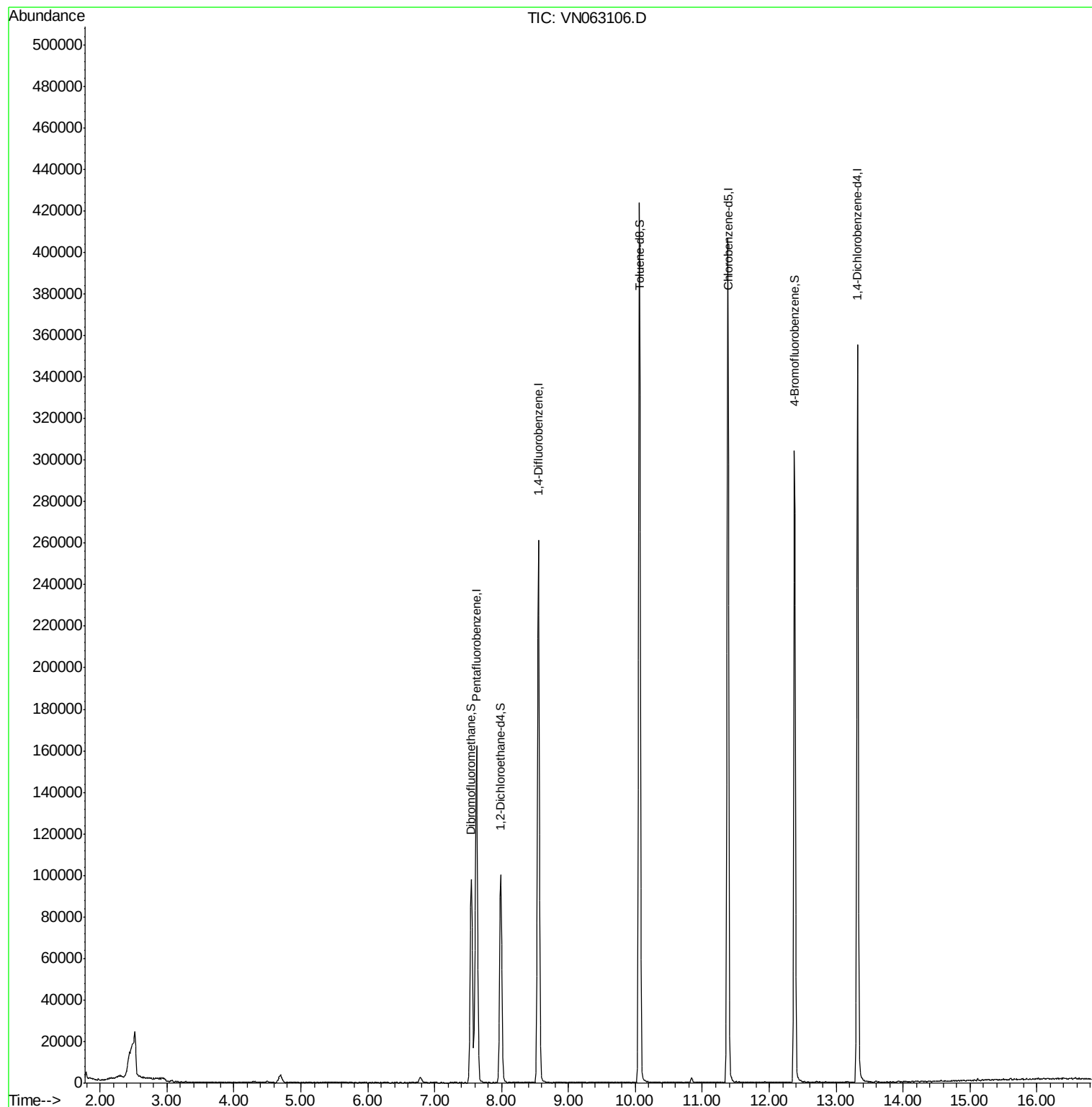
Target Compounds	Qvalue

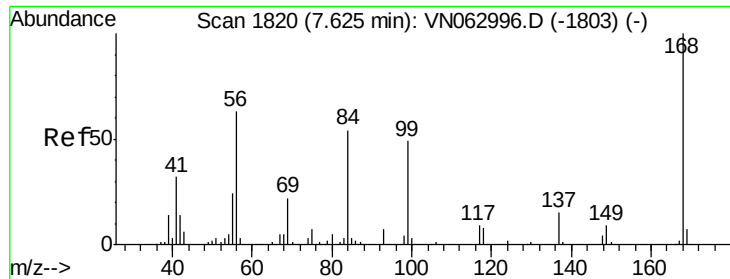
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063106.D

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Instrument :

MSVOA_N

ClientSampleId :

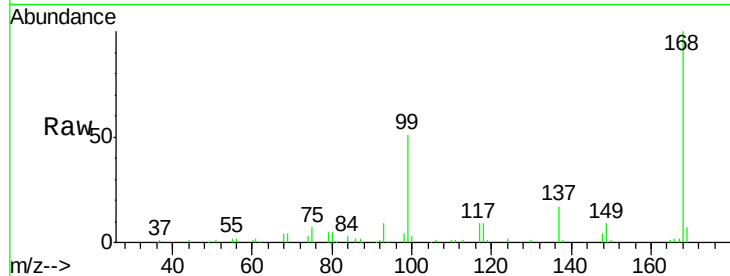
VN0825WBL01

Tot Ion:168 Resp: 140024

Ion Ratio Lower Upper

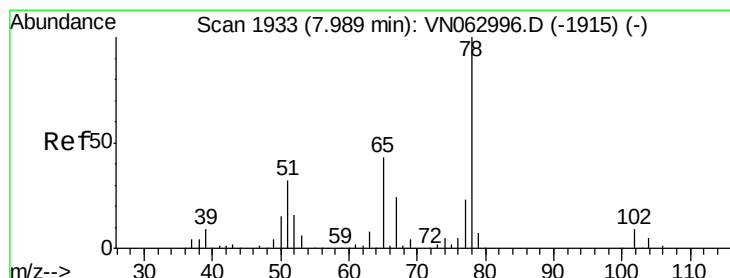
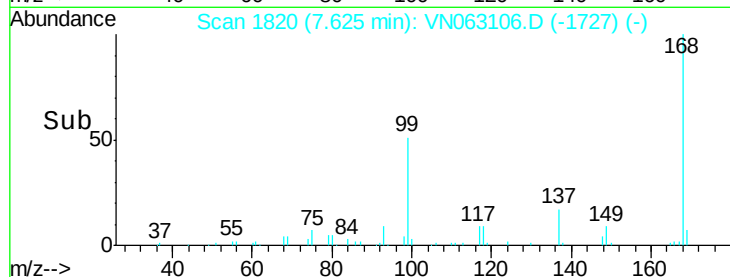
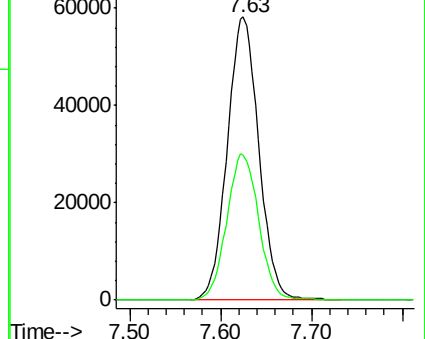
168 100

99 51.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 52.913 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063106.D

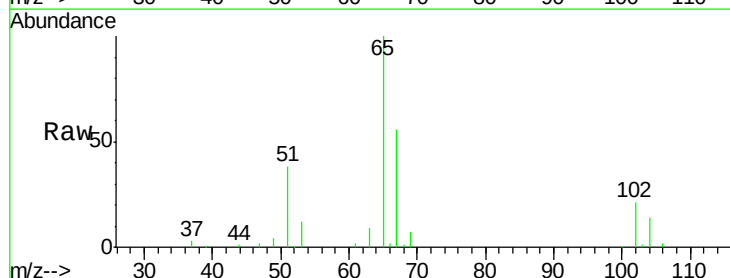
Acq: 25 Aug 2020 11:40

Tgt Ion: 65 Resp: 87812

Ion Ratio Lower Upper

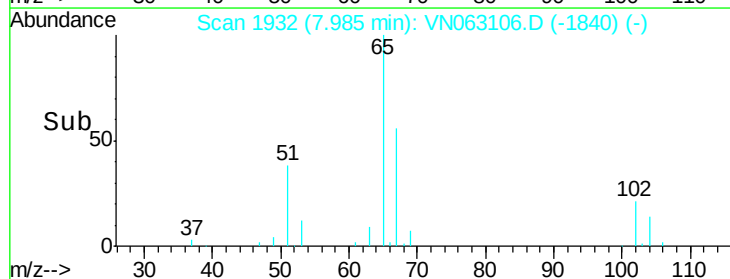
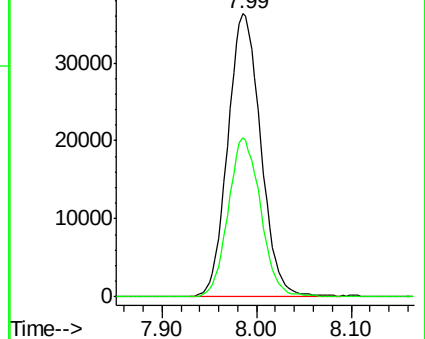
65 100

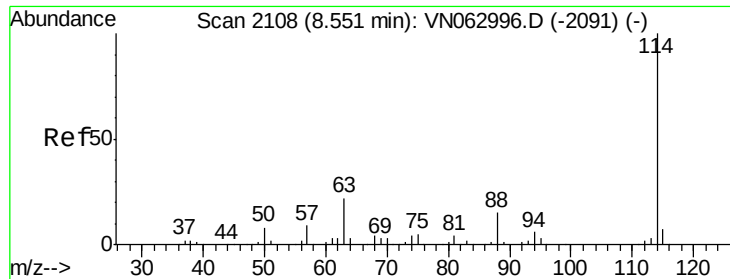
67 55.1 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

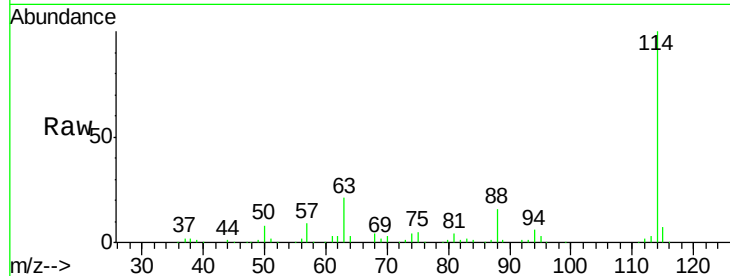




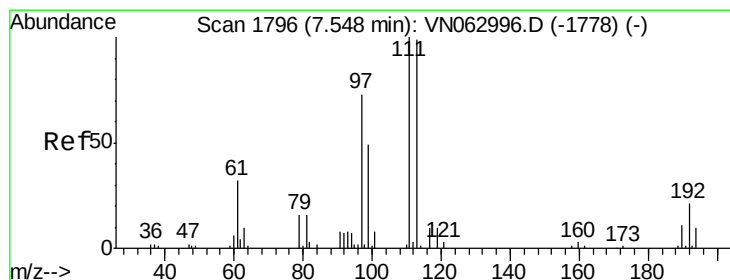
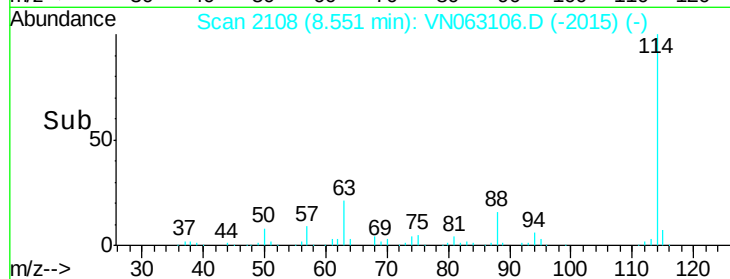
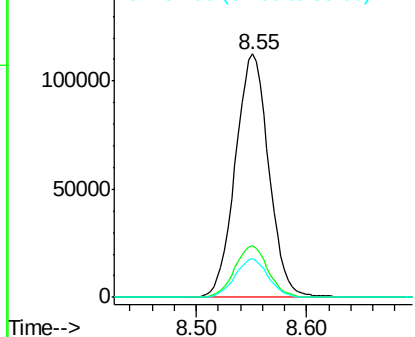
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063106.D
 Acq: 25 Aug 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	15.9	0.0	30.6

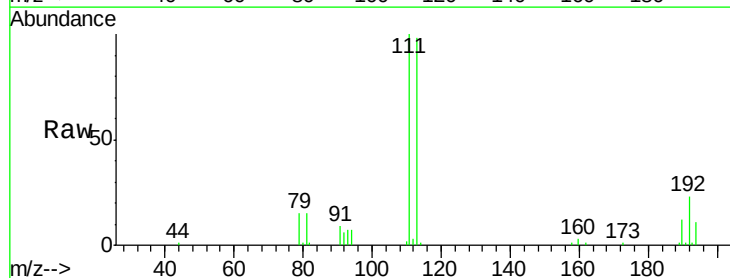


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

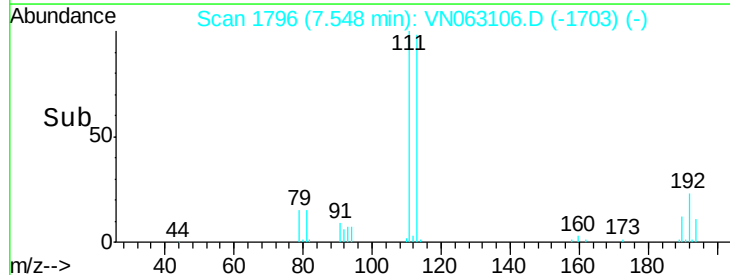
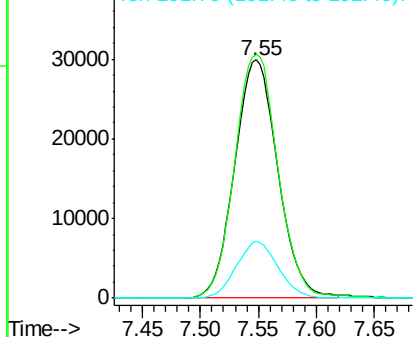


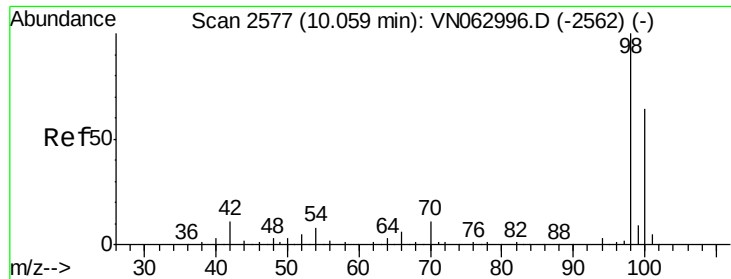
#35
 Dibromofluoromethane
 Concen: 50.423 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN063106.D
 Acq: 25 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.7	122.5
192	22.8	17.5	26.3



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: 50.432 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063106.D

Acq: 25 Aug 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

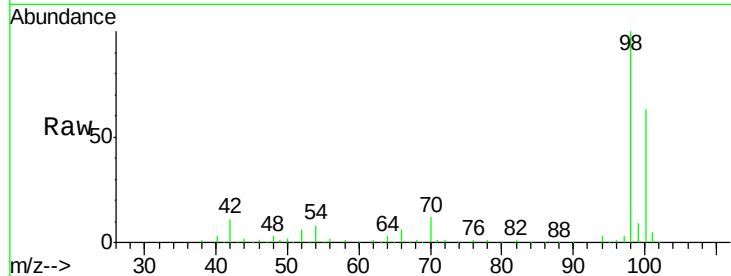
VN0825WBL01

Tot Ion: 98 Resp: 298088

Ion Ratio Lower Upper

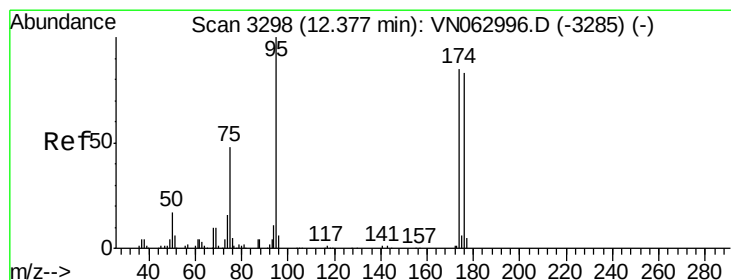
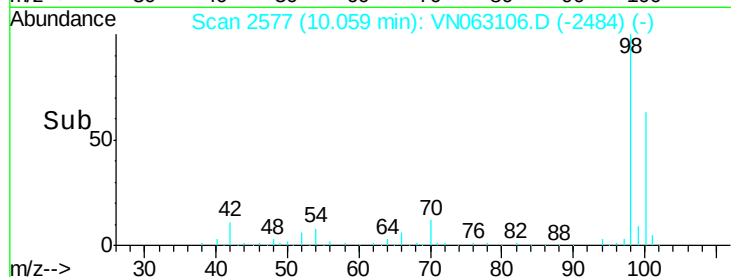
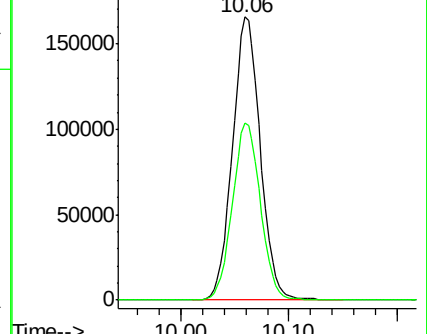
98 100

100 63.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 50.898 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063106.D

Acq: 25 Aug 2020 11:40

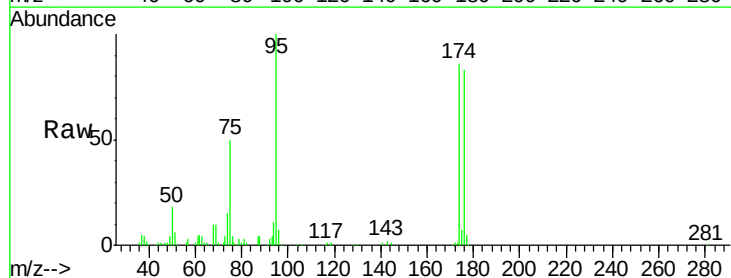
Tgt Ion: 95 Resp: 106163

Ion Ratio Lower Upper

95 100

174 86.7 0.0 170.8

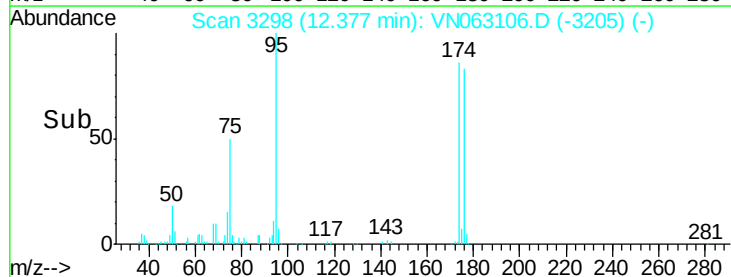
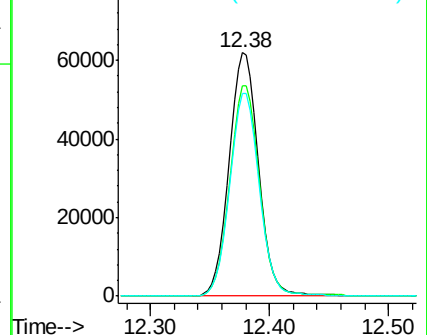
176 84.0 0.0 164.8

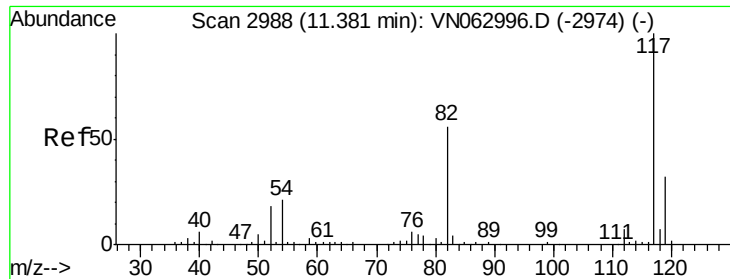


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

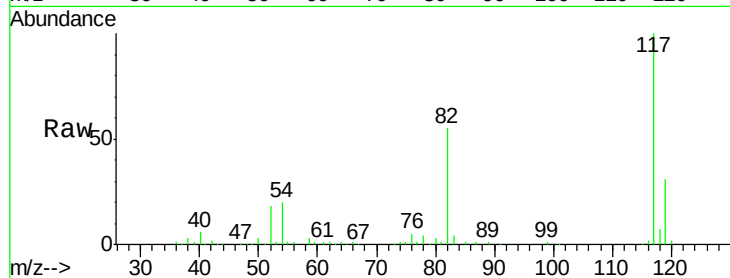




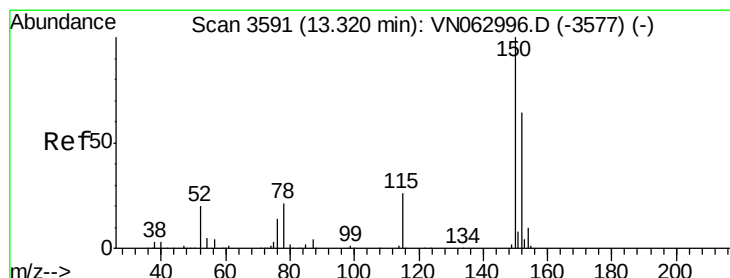
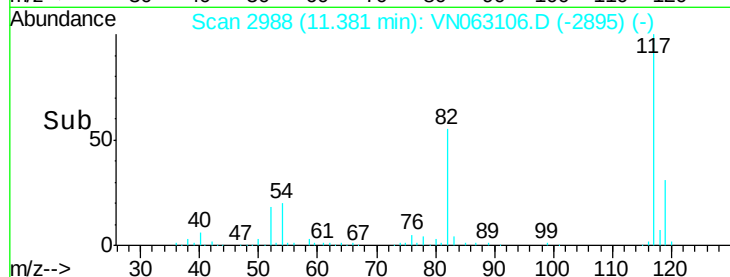
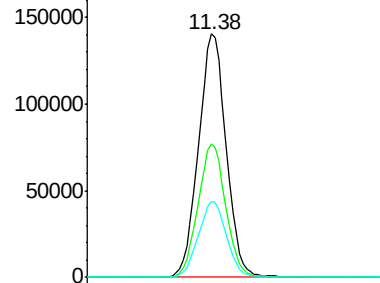
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063106.D
Acq: 25 Aug 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Tot Ion:117 Resp: 244070
Ion Ratio Lower Upper
117 100
82 54.9 44.5 66.7
119 31.1 25.5 38.3

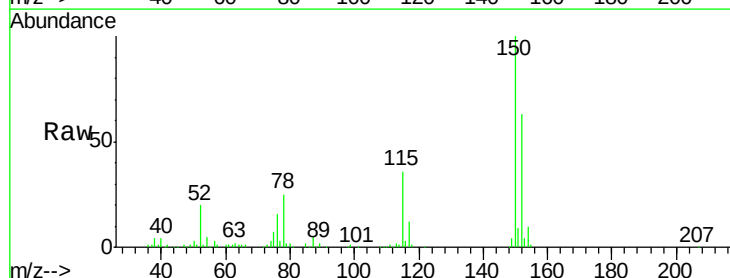


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN063106.D
Acq: 25 Aug 2020 11:40

Tgt Ion:152 Resp: 101473
Ion Ratio Lower Upper
152 100
115 56.2 28.7 86.3
150 157.8 0.0 348.8



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

