

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063112.D
 Acq On : 25 Aug 2020 14:04
 Operator : JC/MD
 Sample : L3783-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-538-540

Quant Time: Aug 26 06:16:19 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	7.62	168	133813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	220301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	232620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97447	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	91569	57.74	ug/l	0.00
Spiked Amount			Recovery	=	115.48%	
35) Dibromofluoromethane	7.55	113	76999	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
50) Toluene-d8	10.06	98	283267	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.38	95	100262	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	

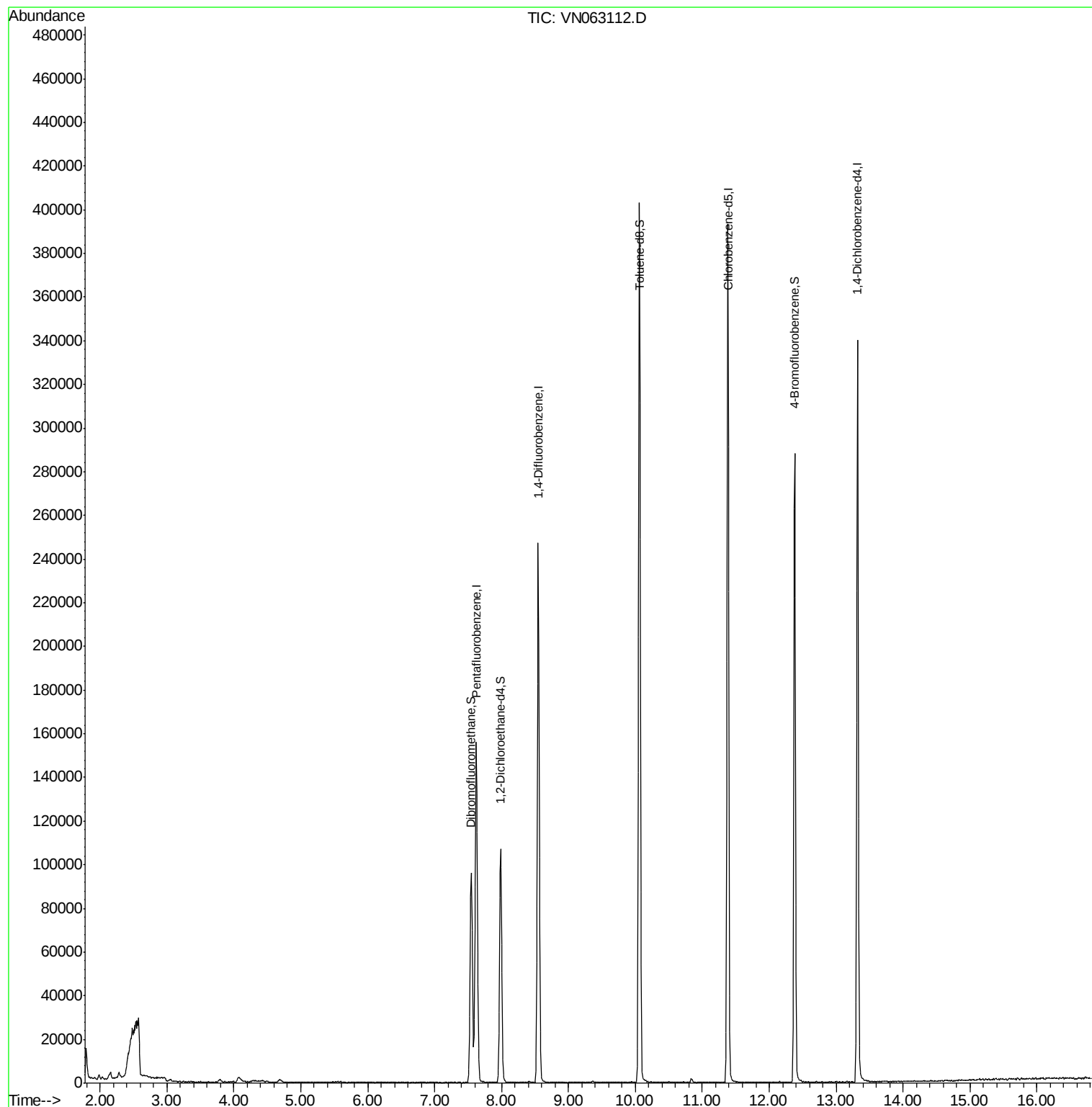
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

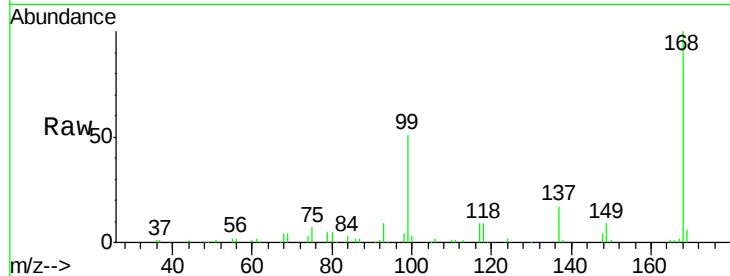
BP-VPB181-GW-538-540

Tot Ion:168 Resp: 133813

Ion Ratio Lower Upper

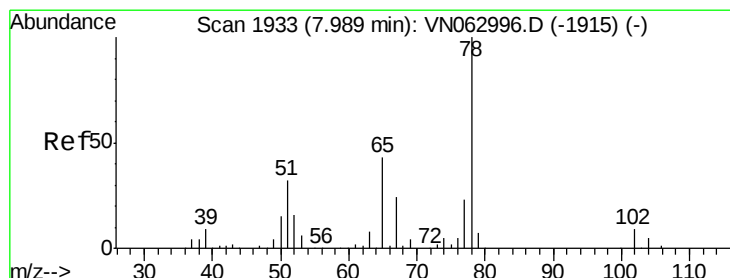
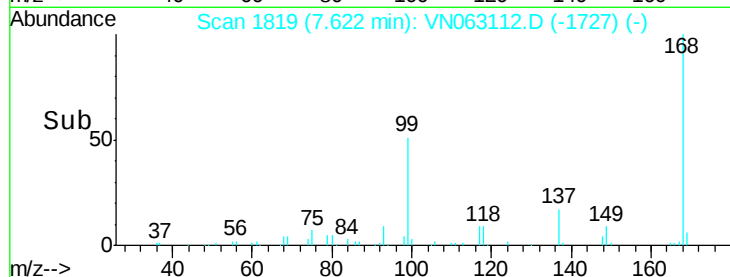
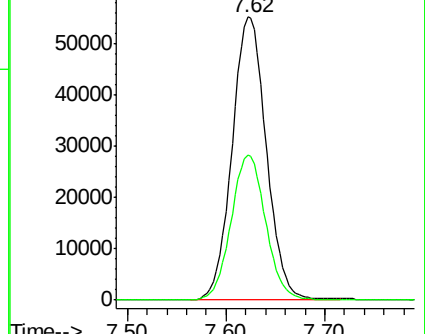
168 100

99 51.4 42.0 63.0



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: 57.738 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063112.D

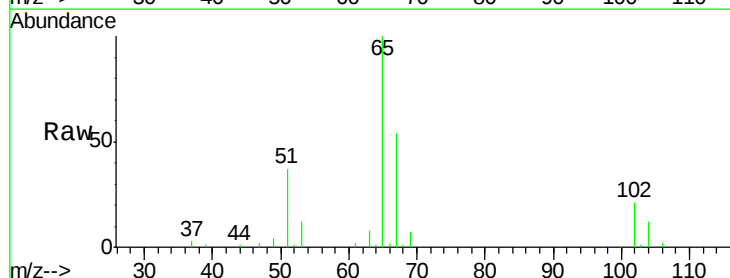
Acq: 25 Aug 2020 14:04

Tgt Ion: 65 Resp: 91569

Ion Ratio Lower Upper

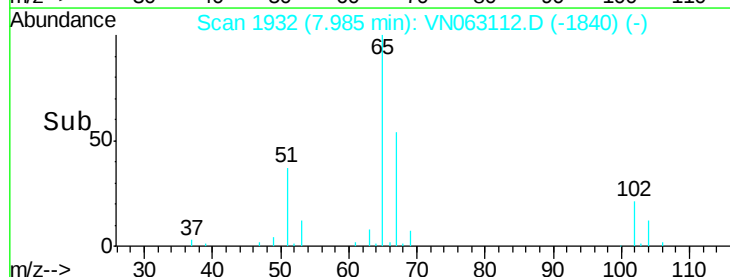
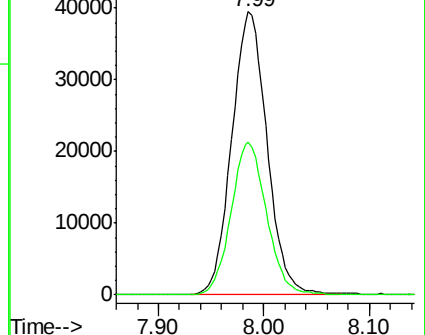
65 100

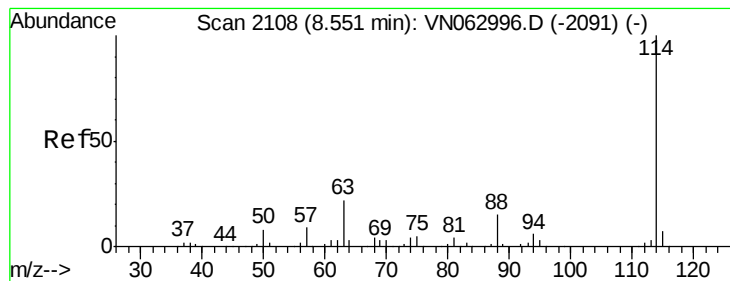
67 54.1 0.0 112.0



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: VN063112.D

Acq: 25 Aug 2020 14:04

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ClientSampleId :

BP-VPB181-GW-538-540

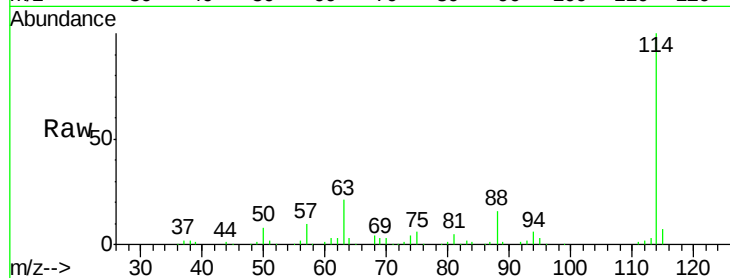
Tot Ion:114 Resp: 220301

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

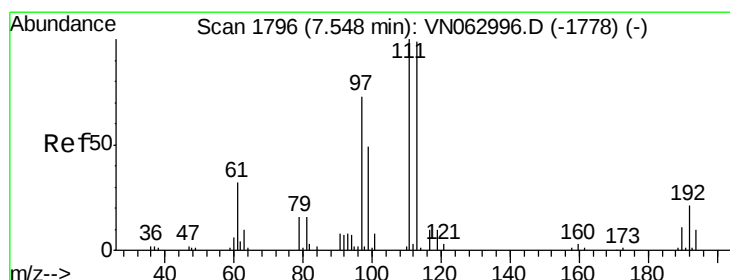
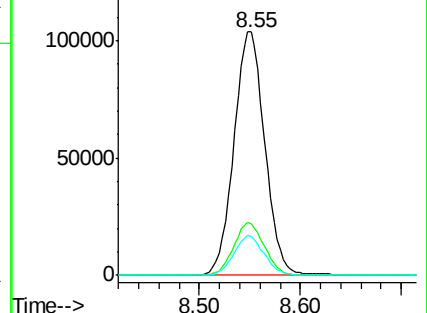
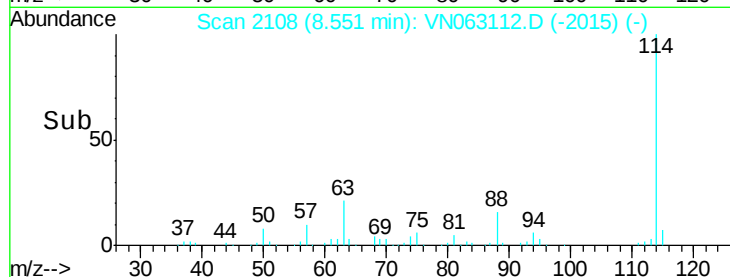
88 16.2 0.0 30.6



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: 53.640 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN063112.D

Acq: 25 Aug 2020 14:04

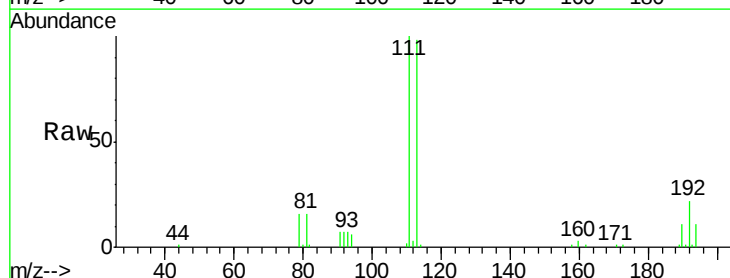
Tgt Ion:113 Resp: 76999

Ion Ratio Lower Upper

113 100

111 100.3 81.7 122.5

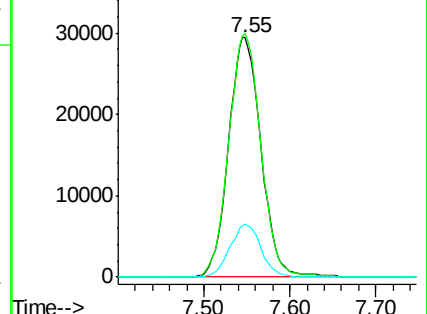
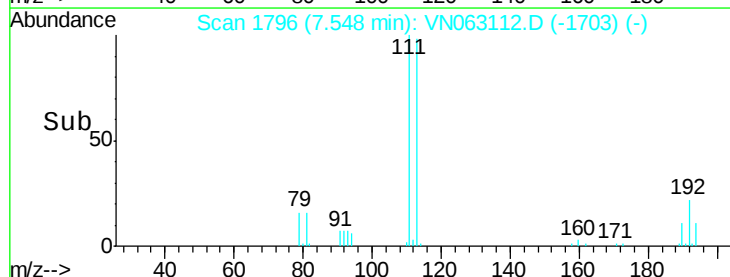
192 21.1 17.5 26.3

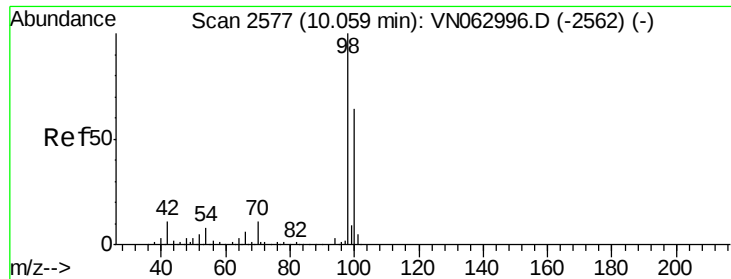


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.375 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063112.D

Acq: 25 Aug 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

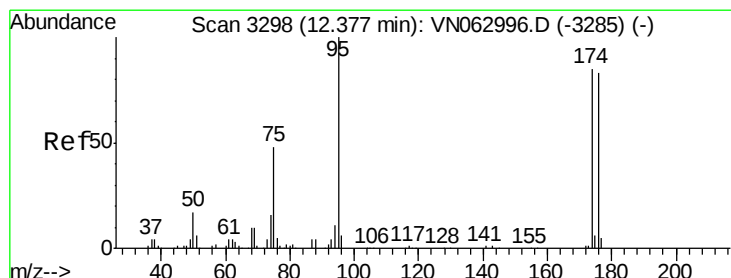
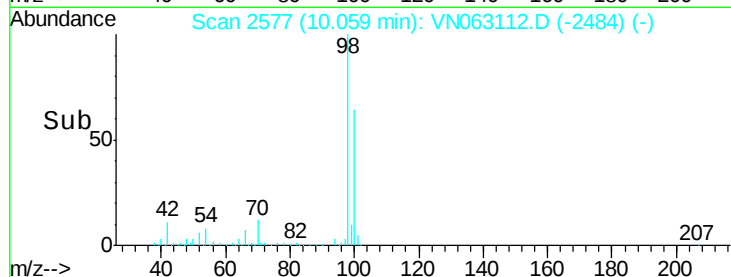
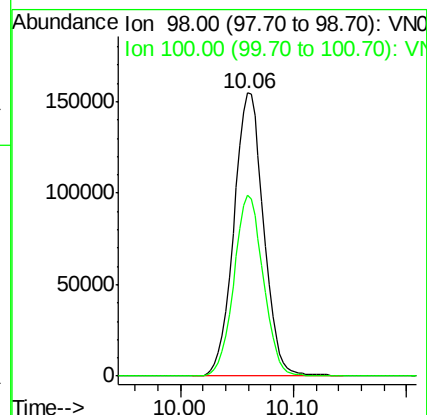
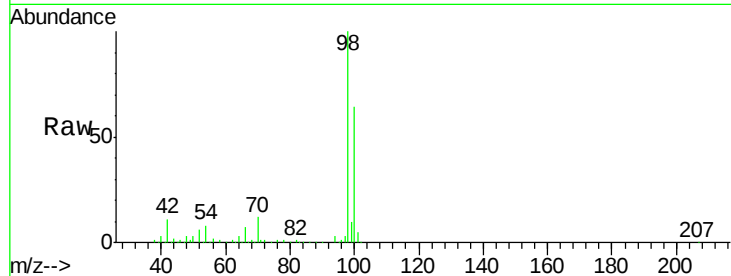
BP-VPB181-GW-538-540

Tot Ion: 98 Resp: 283267

Ion Ratio Lower Upper

98 100

100 63.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 51.530 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063112.D

Acq: 25 Aug 2020 14:04

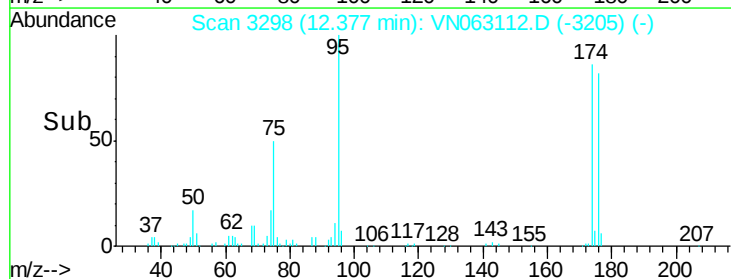
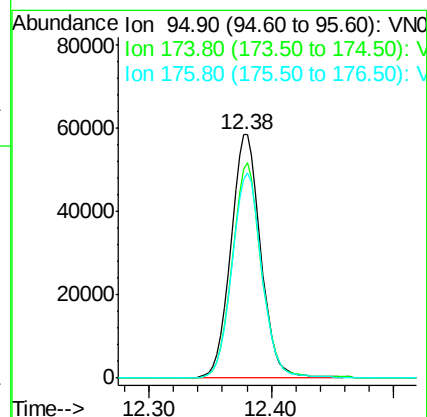
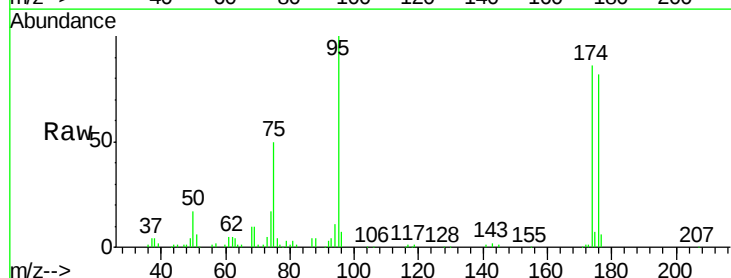
Tgt Ion: 95 Resp: 100262

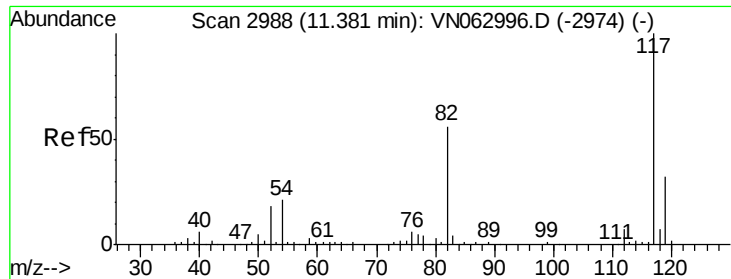
Ion Ratio Lower Upper

95 100

174 86.6 0.0 170.8

176 84.3 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063112.D

Acq: 25 Aug 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-538-540

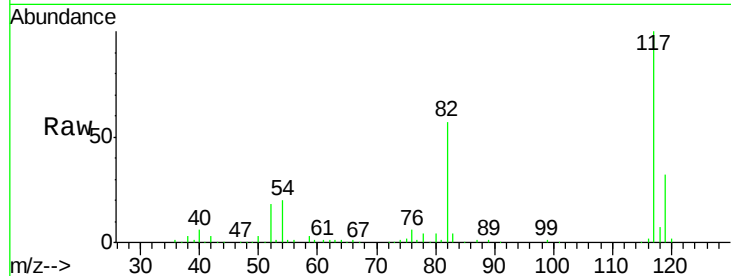
Tot Ion:117 Resp: 232620

Ion Ratio Lower Upper

117 100

82 57.0 44.5 66.7

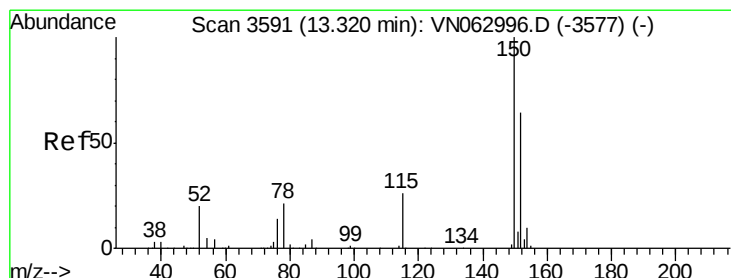
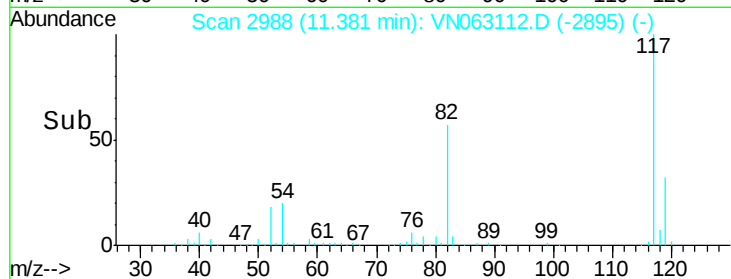
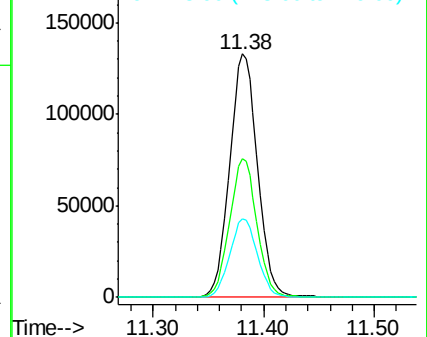
119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN063112.D

Acq: 25 Aug 2020 14:04

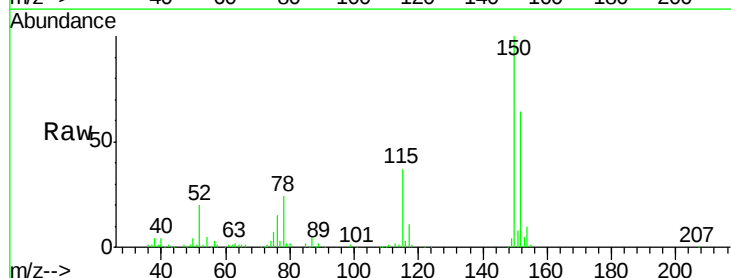
Tgt Ion:152 Resp: 97447

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.3

150 155.6 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

