

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063532.D
 Acq On : 22 Sep 2020 14:56
 Operator : JC/MD
 Sample : L4038-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 23 04:21:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182365	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	186576	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	7.55	113	137311	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
50) Toluene-d8	10.06	98	539967	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.38	95	215951	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	

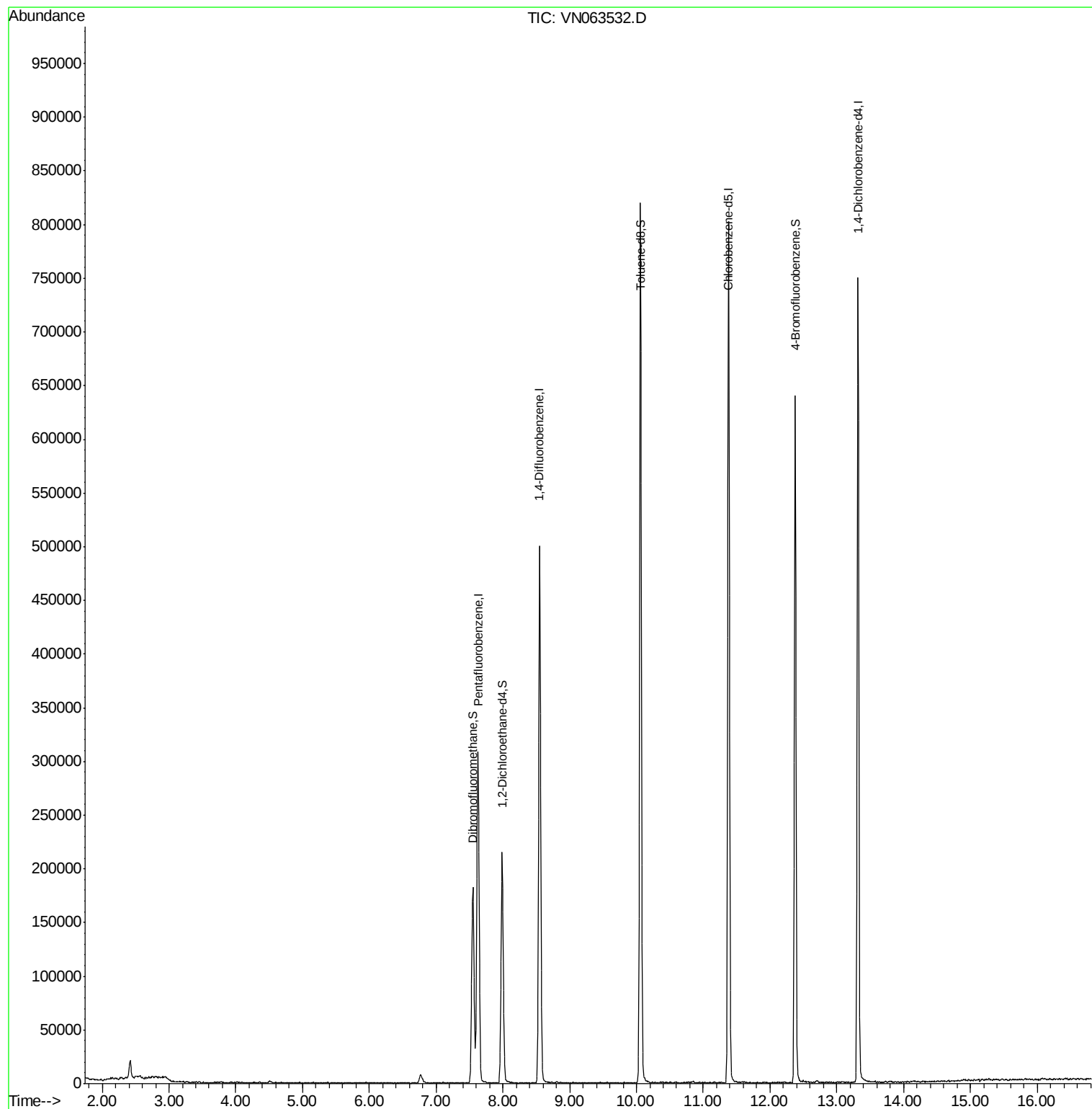
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

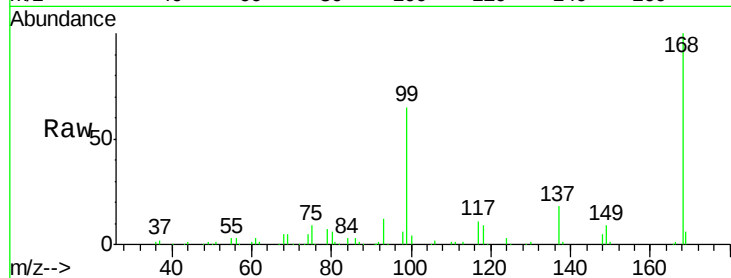
TRIP-BLANK

Tot Ion:168 Resp: 226424

Ion Ratio Lower Upper

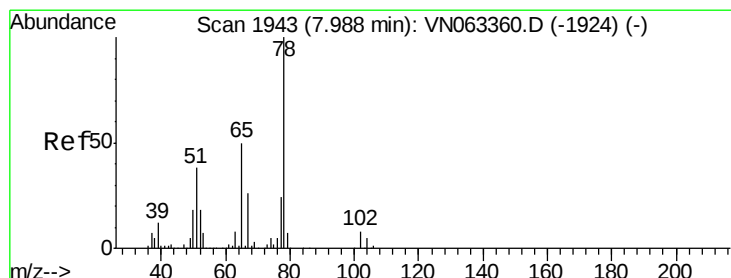
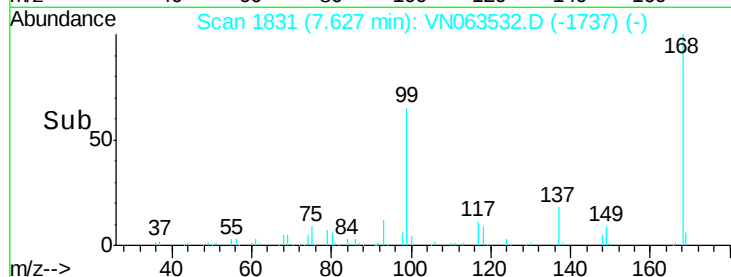
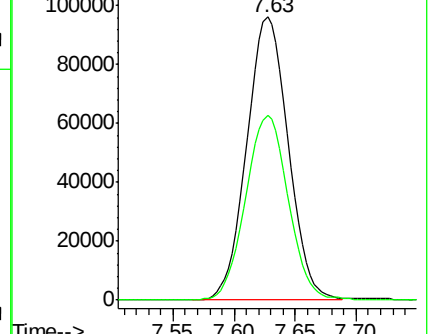
168 100

99 65.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 48.407 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063532.D

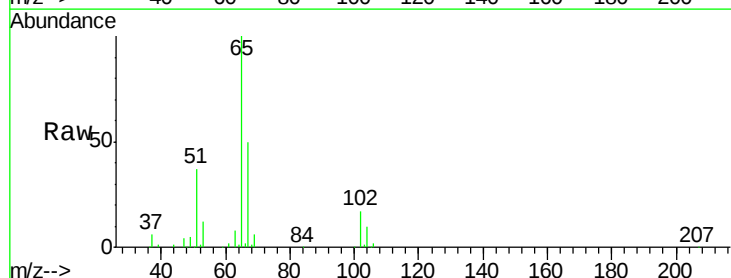
Acq: 22 Sep 2020 14:56

Tgt Ion: 65 Resp: 186576

Ion Ratio Lower Upper

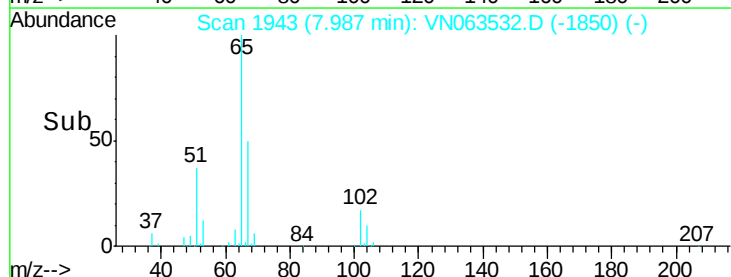
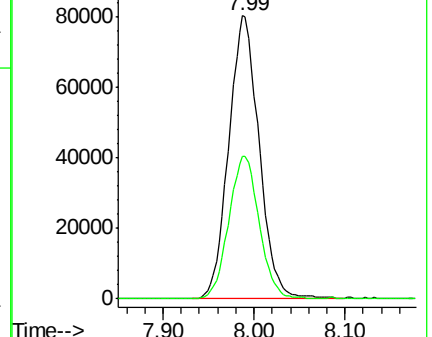
65 100

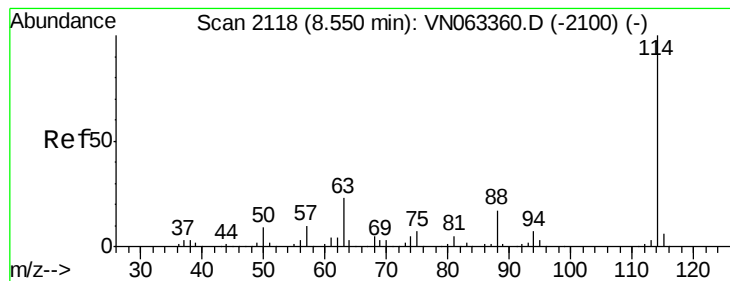
67 50.5 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

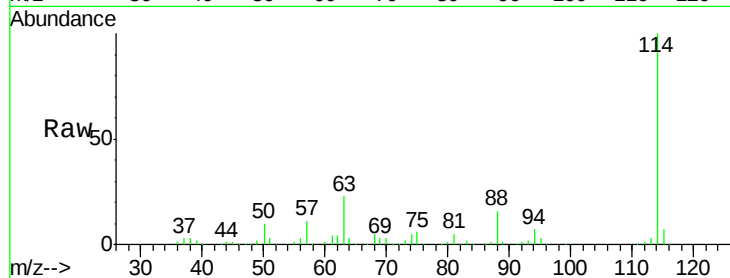
Tot Ion:114 Resp: 423841

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.4

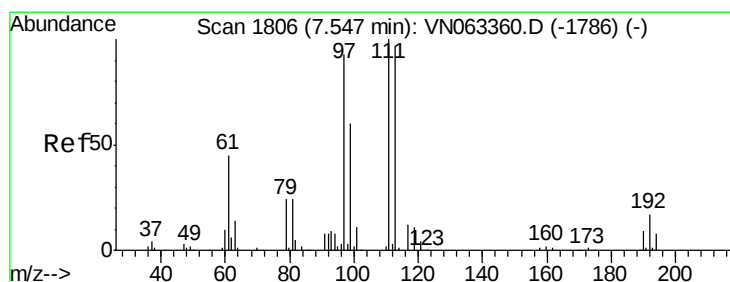
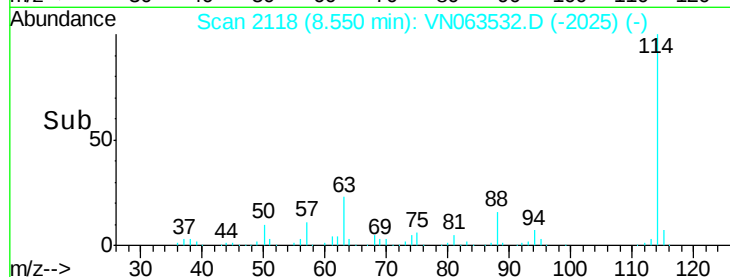
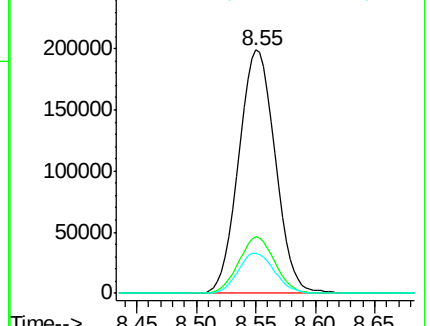
88 16.4 0.0 33.2



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: 46.797 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

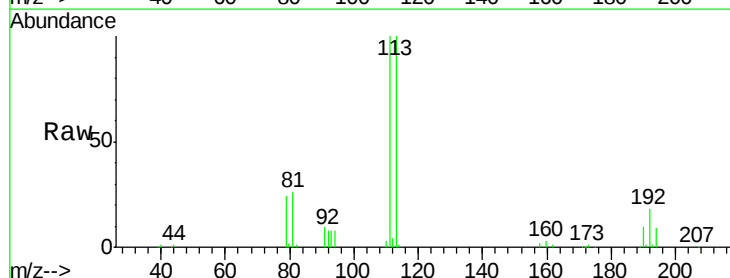
Tgt Ion:113 Resp: 137311

Ion Ratio Lower Upper

113 100

111 101.3 82.9 124.3

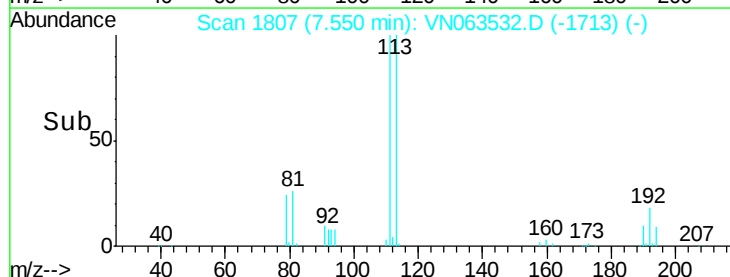
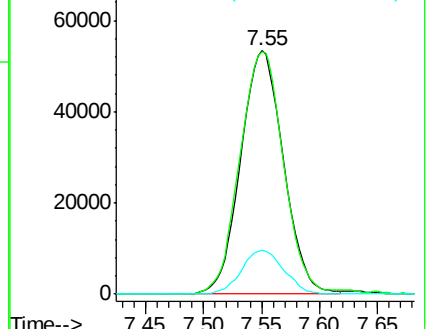
192 17.9 13.9 20.9

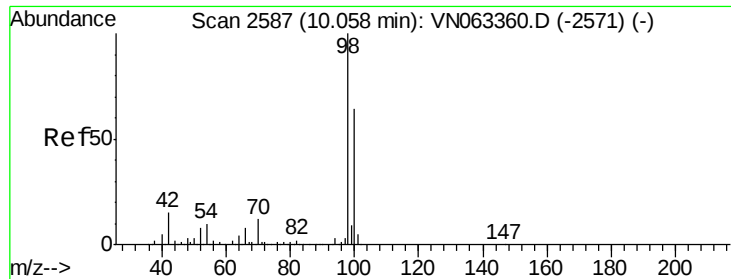


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.941 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

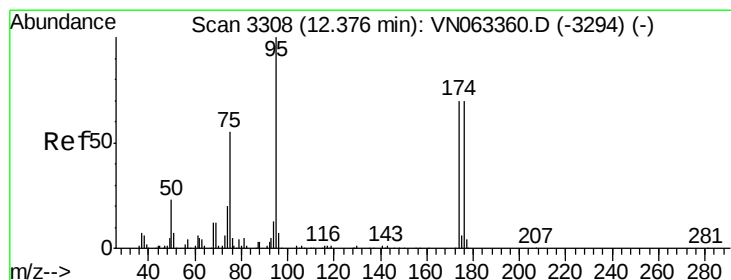
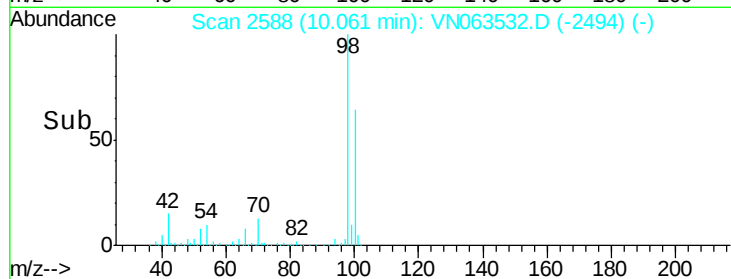
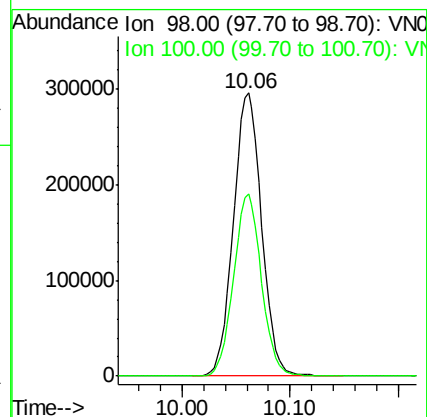
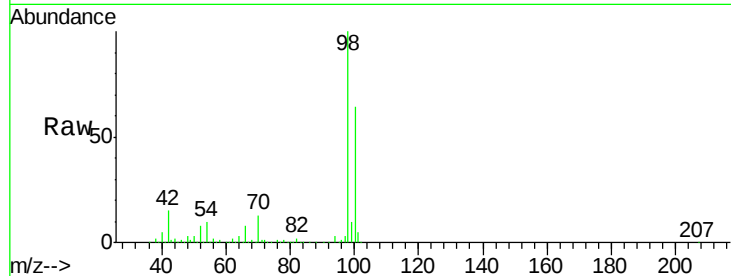
TRIP-BLANK

Tot Ion: 98 Resp: 539967

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 53.394 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

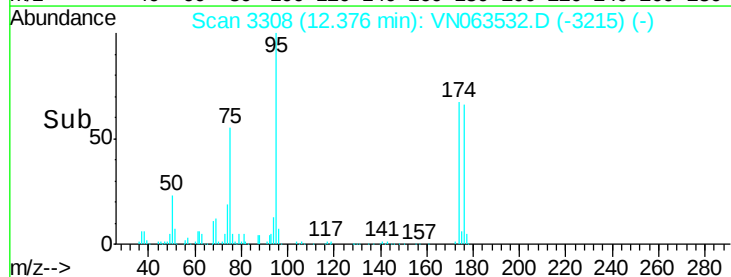
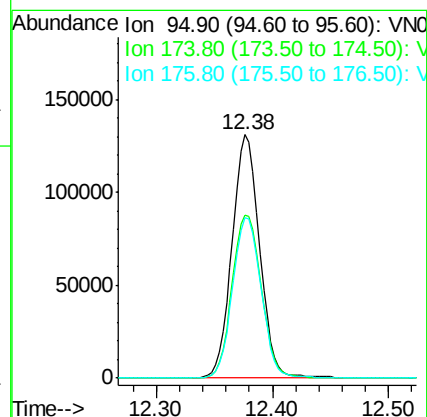
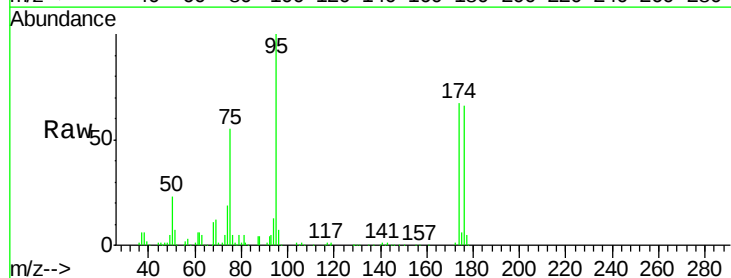
Tgt Ion: 95 Resp: 215951

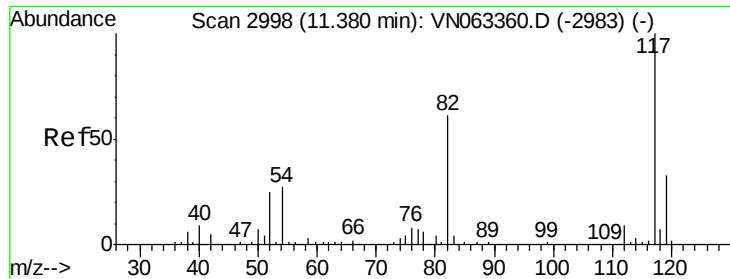
Ion Ratio Lower Upper

95 100

174 71.2 0.0 140.8

176 68.3 0.0 137.6

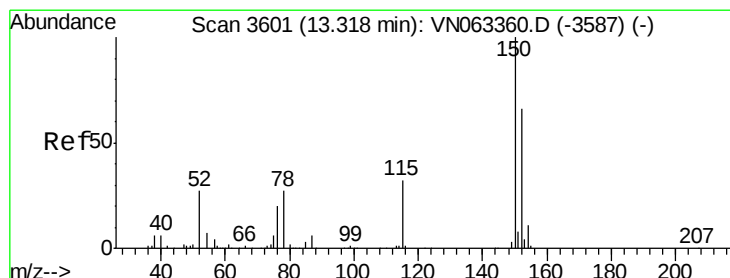
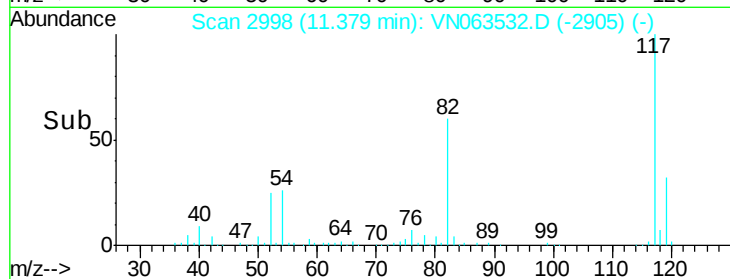
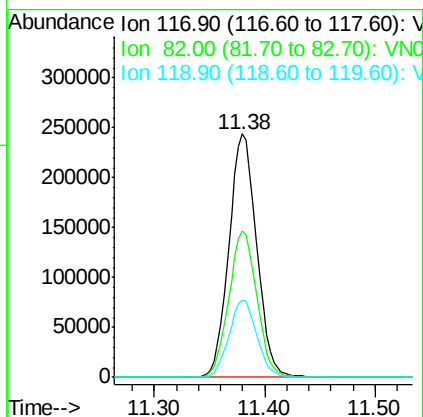
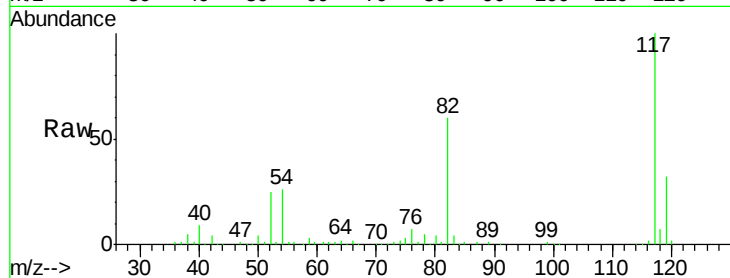




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063532.D
Acq: 22 Sep 2020 14:56

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 425745
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 31.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063532.D
Acq: 22 Sep 2020 14:56

Tgt Ion:152 Resp: 182365
Ion Ratio Lower Upper
152 100
115 63.2 32.2 96.6
150 158.0 0.0 343.4

