

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063531.D
 Acq On : 22 Sep 2020 14:33
 Operator : JC/MD
 Sample : L4072-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 23 04:19:06 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	215163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	402335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	403703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169747	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177394	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	7.55	113	129533	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	10.06	98	515255	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.38	95	202091	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	

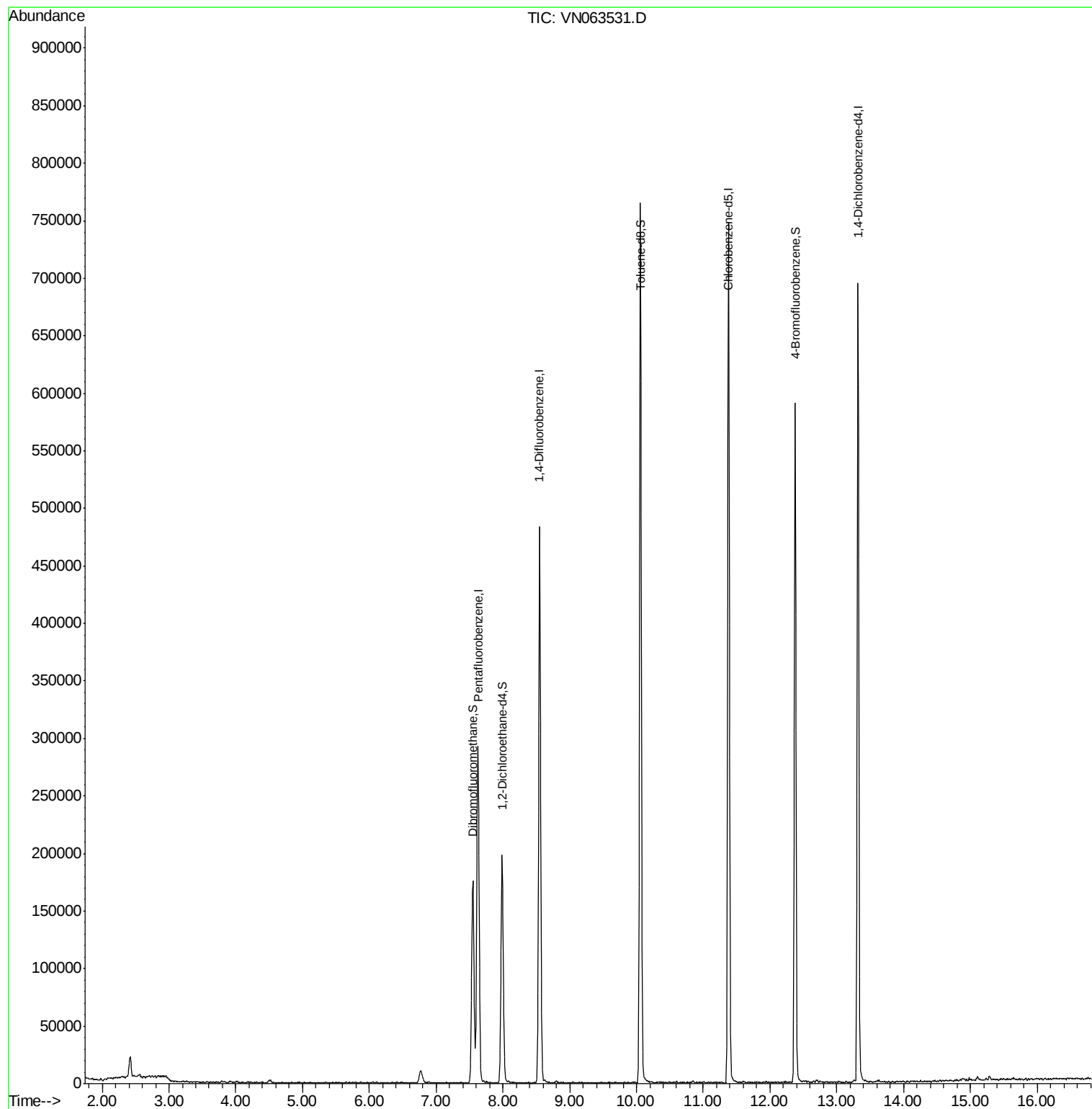
Target Compounds	Qvalue

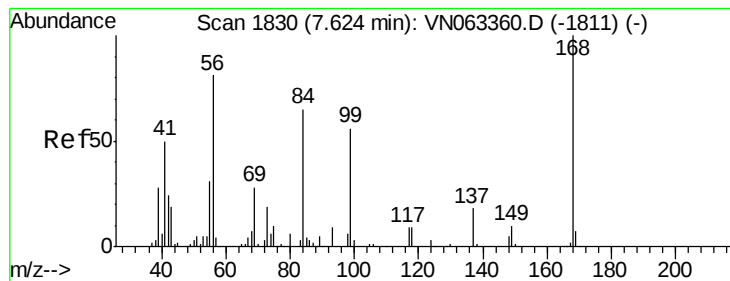
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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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: VN063531.D

Acq: 22 Sep 2020 14:33

Instrument :

MSVOA_N

ClientSampleId :

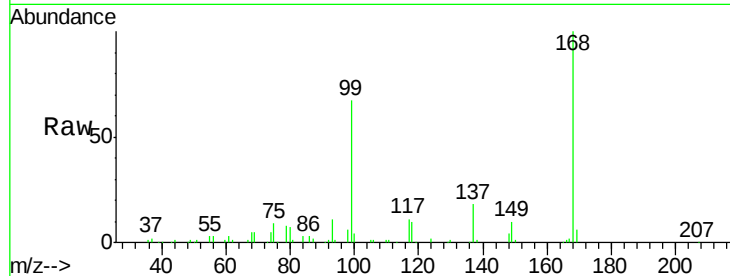
TRIP-BLANK

Tot Ion:168 Resp: 215163

Ion Ratio Lower Upper

168 100

99 67.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

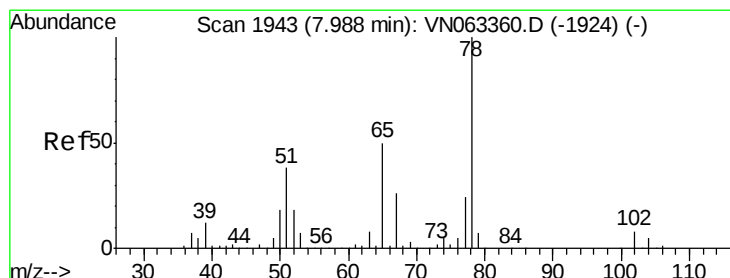
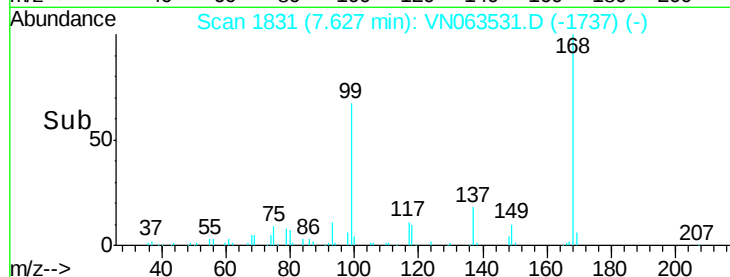
40000

20000

0

7.50 7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.433 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063531.D

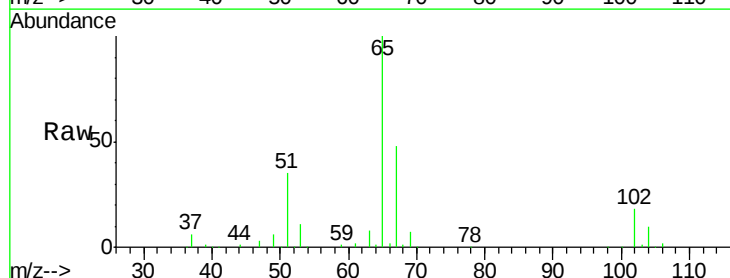
Acq: 22 Sep 2020 14:33

Tgt Ion: 65 Resp: 177394

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

7.99

80000

60000

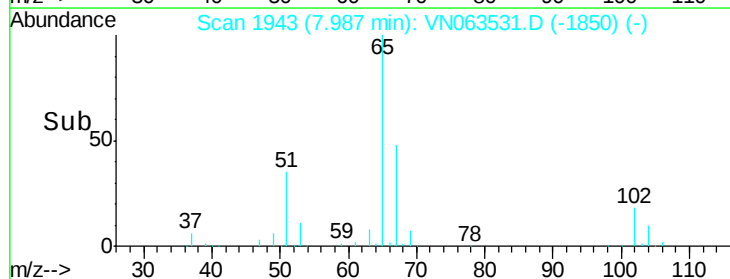
40000

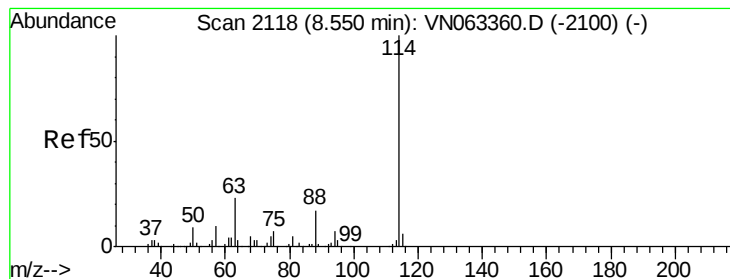
20000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063531.D

Acq: 22 Sep 2020 14:33

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

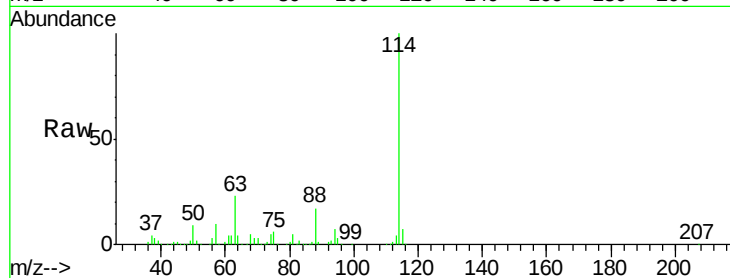
Tot Ion:114 Resp: 402335

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.4

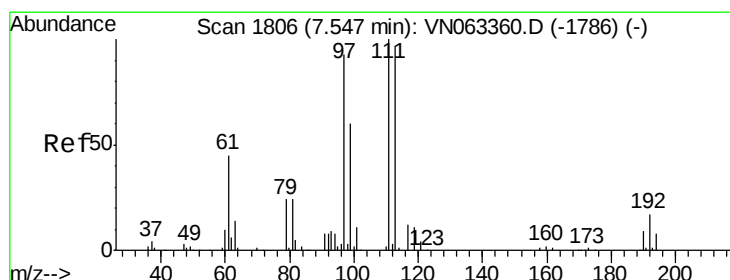
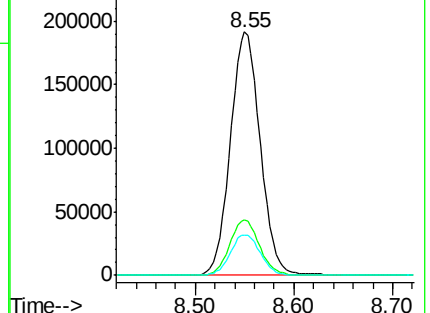
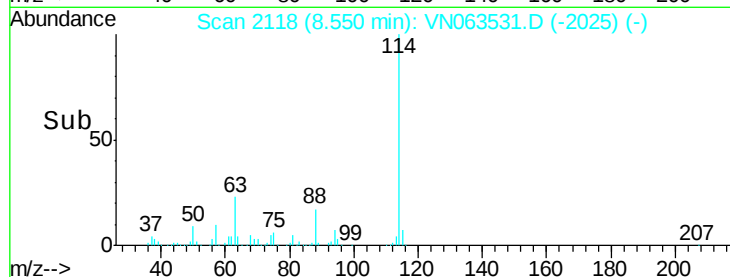
88 16.7 0.0 33.2



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: 46.506 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063531.D

Acq: 22 Sep 2020 14:33

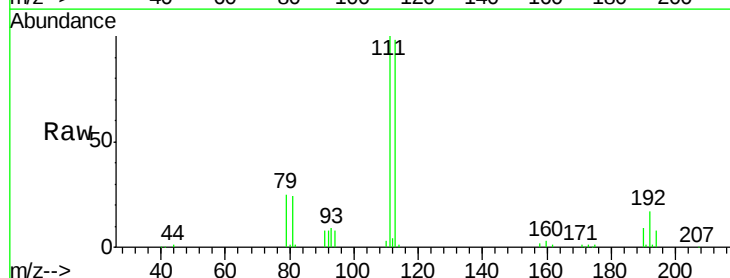
Tgt Ion:113 Resp: 129533

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

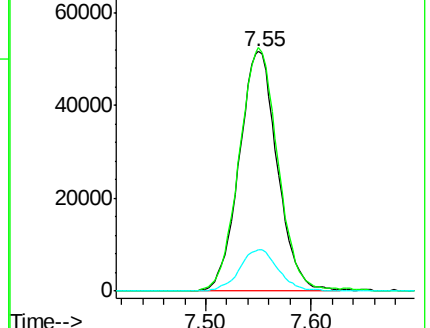
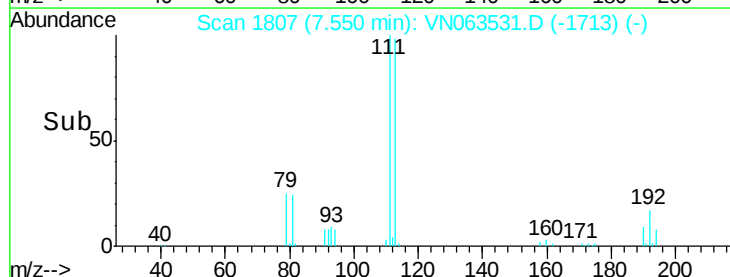
192 17.6 13.9 20.9

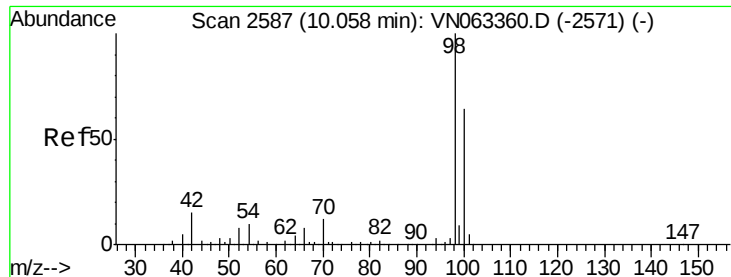


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.198 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063531.D

Acq: 22 Sep 2020 14:33

Instrument :

MSVOA_N

ClientSampled :

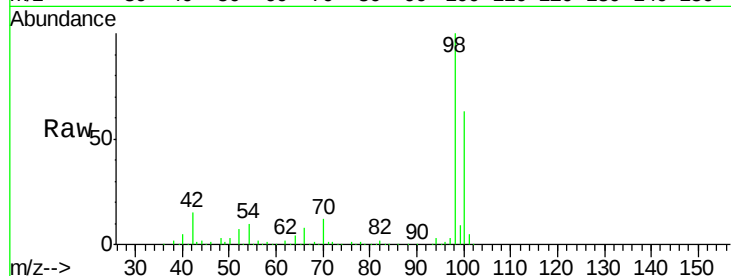
TRIP-BLANK

Tot Ion: 98 Resp: 515255

Ion Ratio Lower Upper

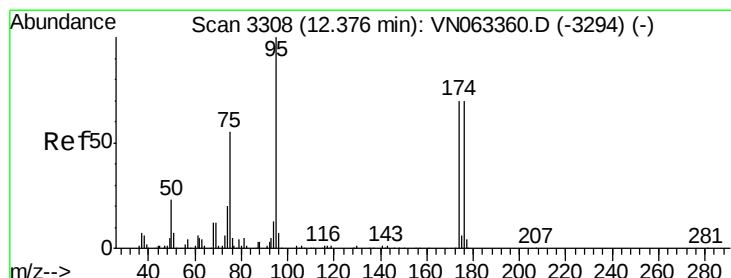
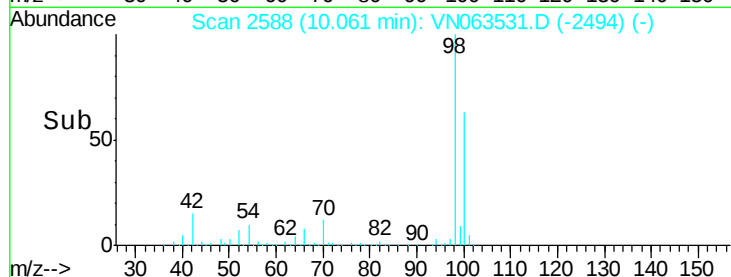
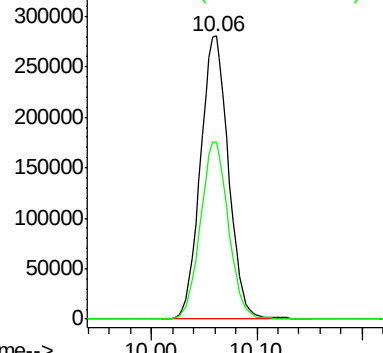
98 100

100 62.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 52.638 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063531.D

Acq: 22 Sep 2020 14:33

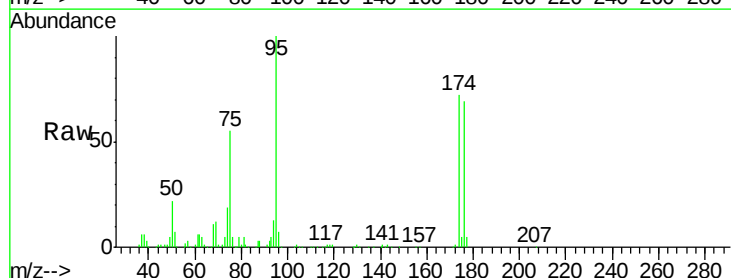
Tgt Ion: 95 Resp: 202091

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.8

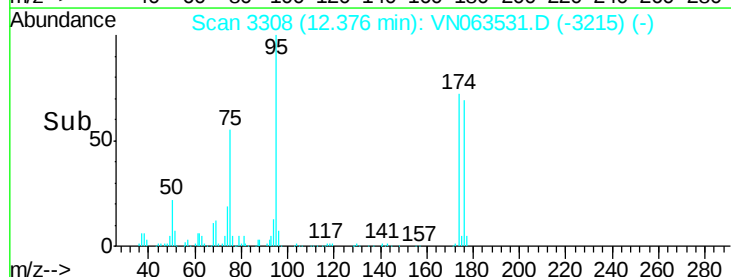
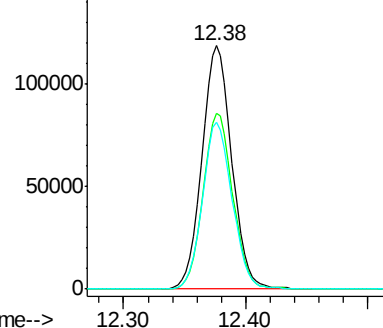
176 68.0 0.0 137.6

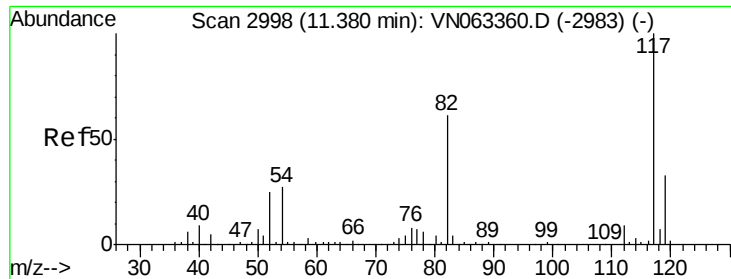


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

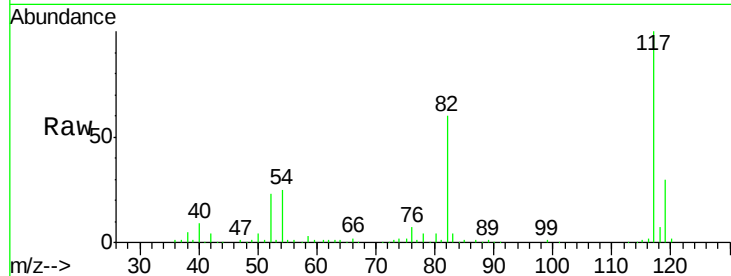




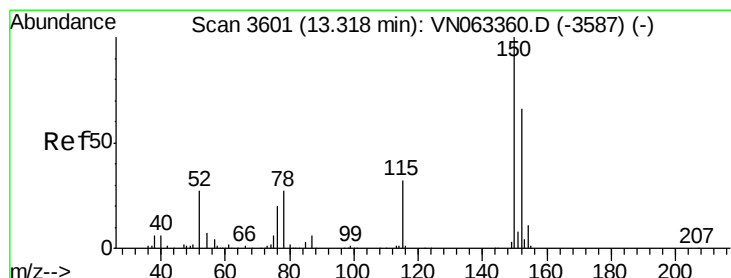
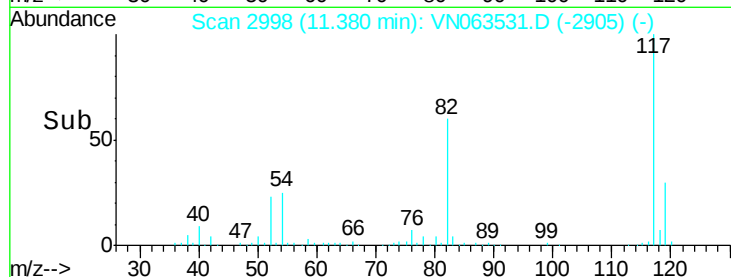
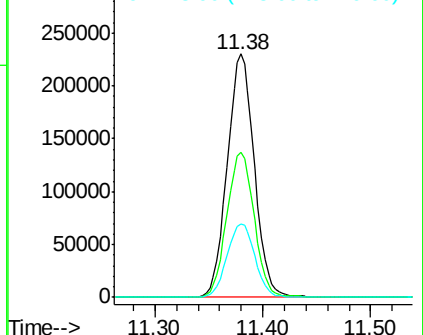
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063531.D
Acq: 22 Sep 2020 14:33

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 403703
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 30.3 26.2 39.4

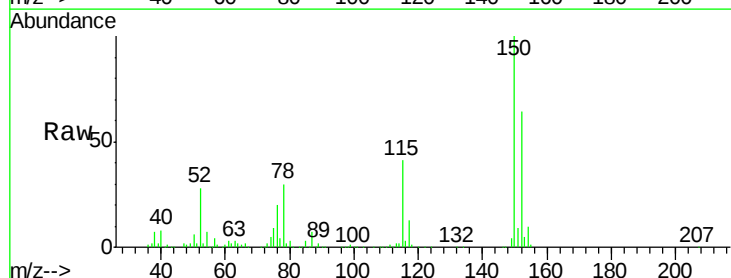


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063531.D
Acq: 22 Sep 2020 14:33

Tgt Ion:152 Resp: 169747
Ion Ratio Lower Upper
152 100
115 62.4 32.2 96.6
150 155.3 0.0 343.4



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

