

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
 Data File : VN063724.D
 Acq On : 29 Sep 2020 13:47
 Operator : JC/MD
 Sample : L4162-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20200924

Quant Time: Sep 29 14:43:09 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	226662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175320	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	187103	48.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.98%	
35) Dibromofluoromethane	7.55	113	134276	46.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.78%	
50) Toluene-d8	10.06	98	521462	47.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.38	95	206526	51.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.52%	

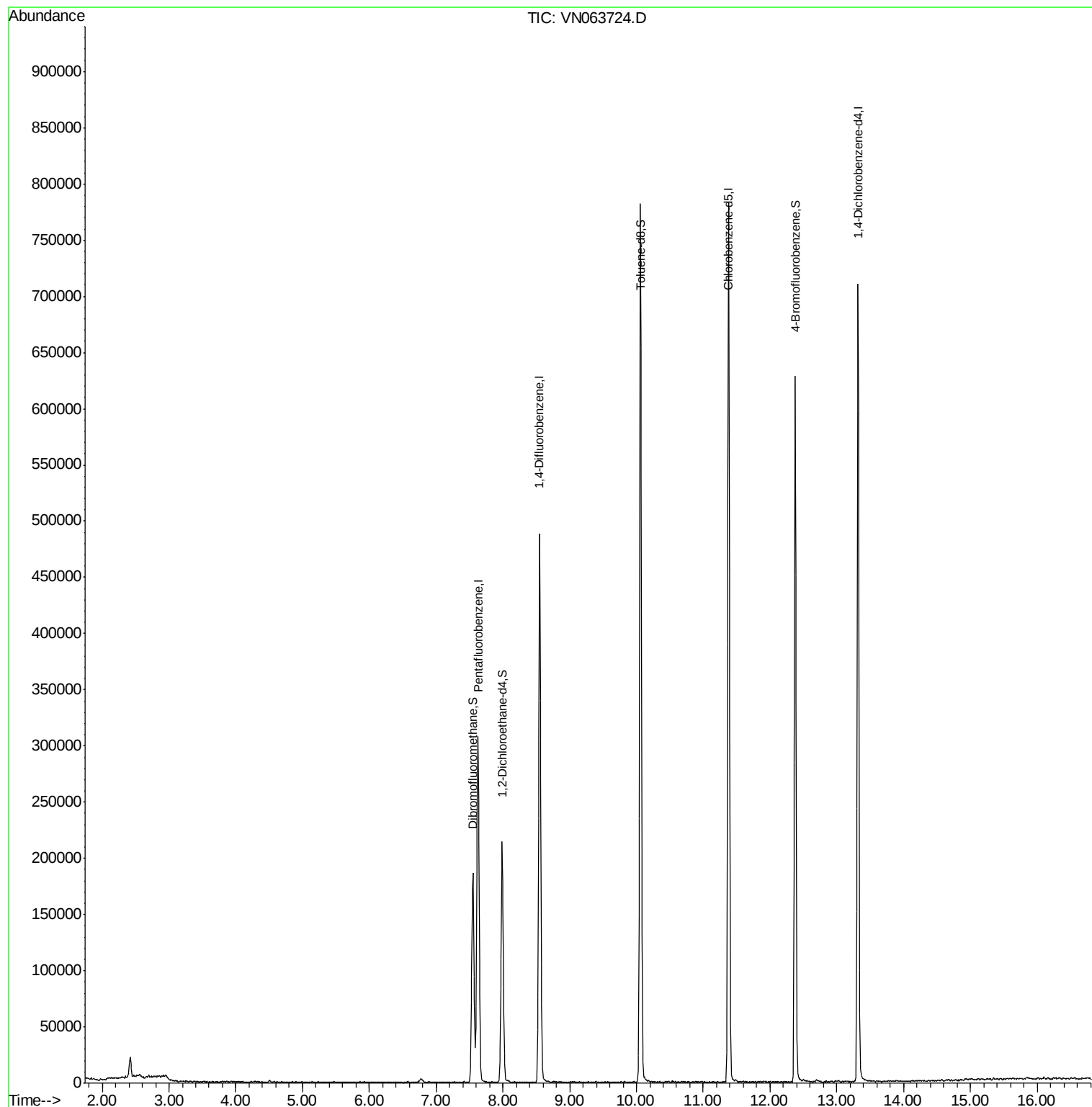
Target Compounds	Qvalue

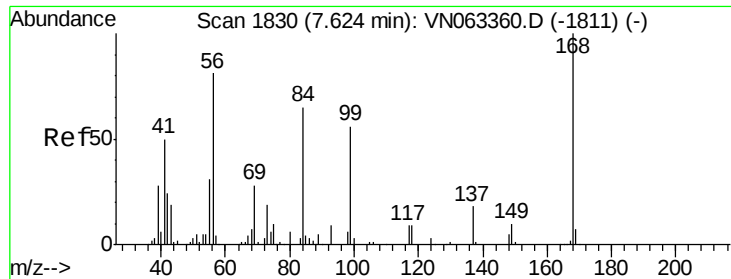
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

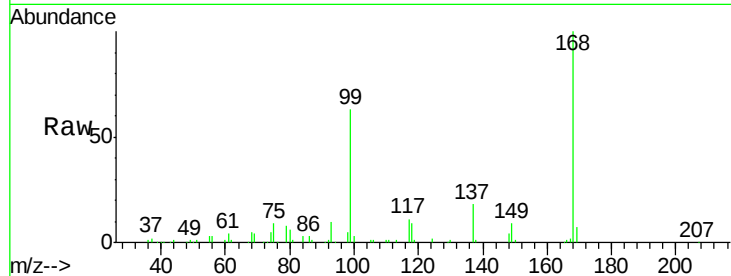
TT-TB-20200924

Tot Ion:168 Resp: 226662

Ion Ratio Lower Upper

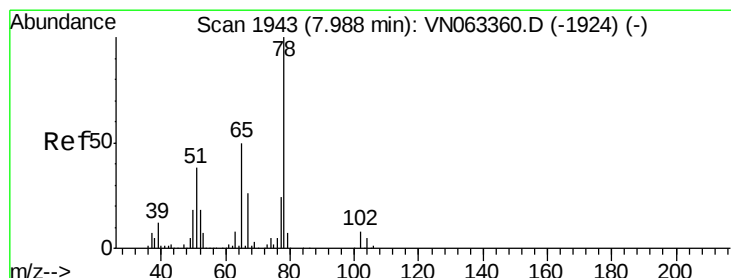
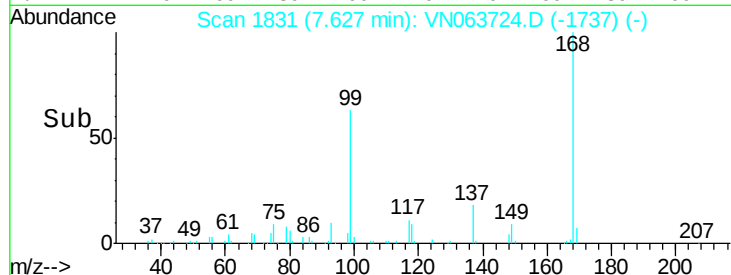
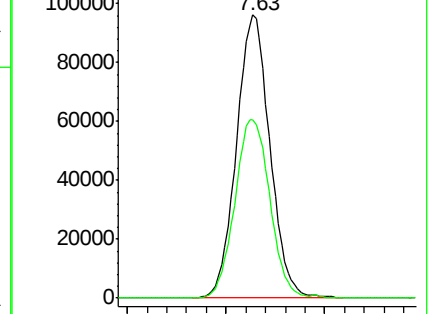
168 100

99 63.1 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: 48.493 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063724.D

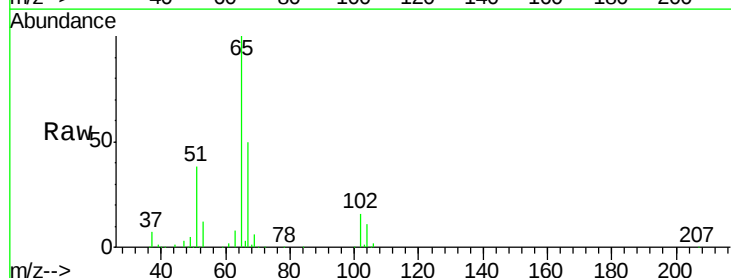
Acq: 29 Sep 2020 13:47

Tgt Ion: 65 Resp: 187103

Ion Ratio Lower Upper

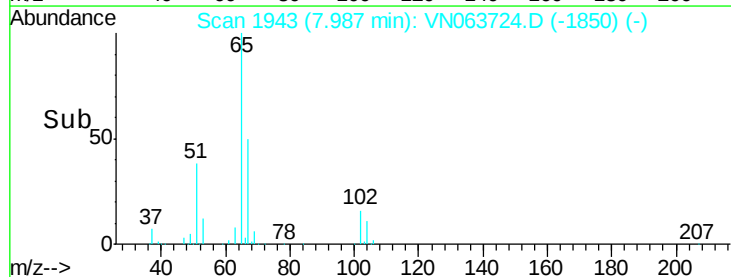
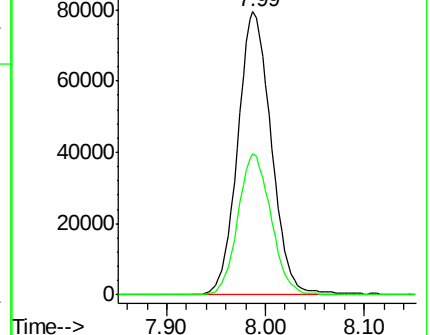
65 100

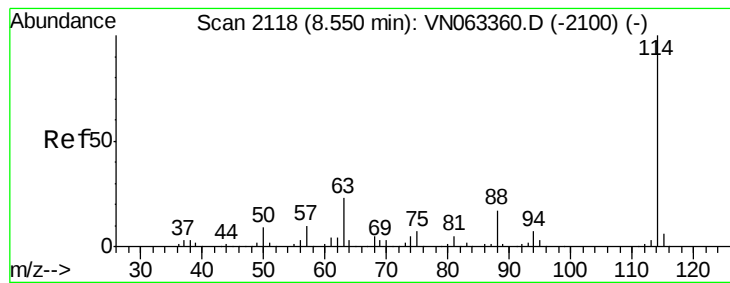
67 49.3 0.0 104.2



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: VN063724.D

Acq: 29 Sep 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20200924

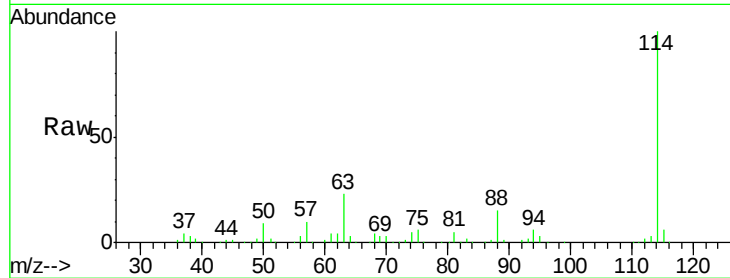
Tot Ion:114 Resp: 418136

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.4

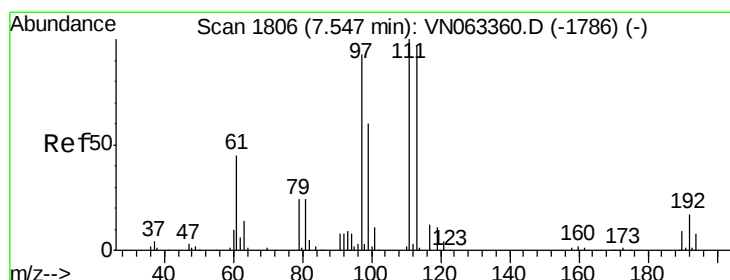
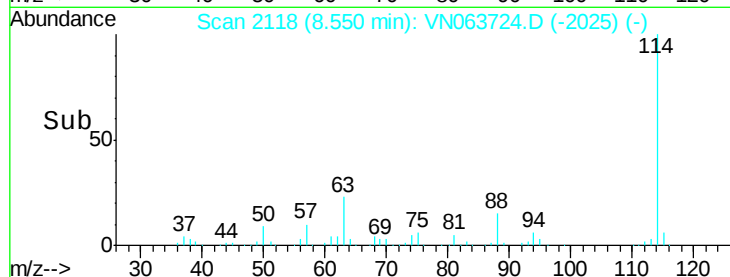
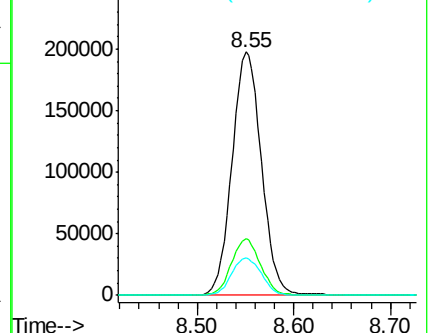
88 15.3 0.0 33.2



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: 46.387 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

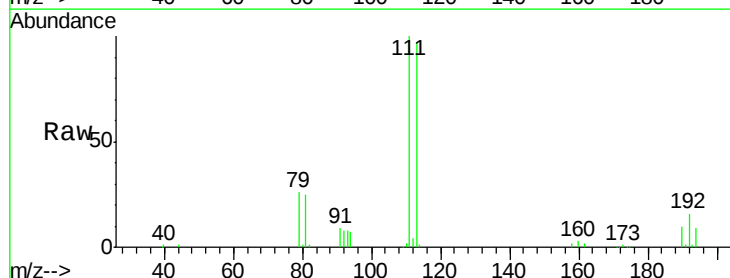
Tgt Ion:113 Resp: 134276

Ion Ratio Lower Upper

113 100

111 104.5 82.9 124.3

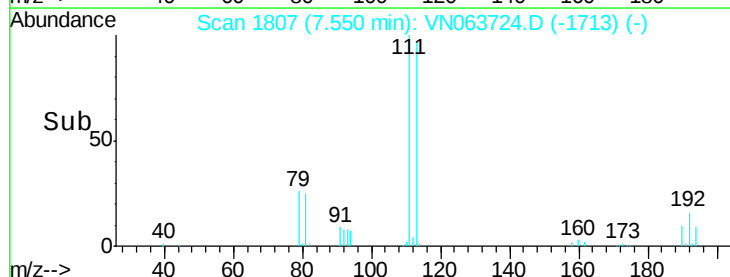
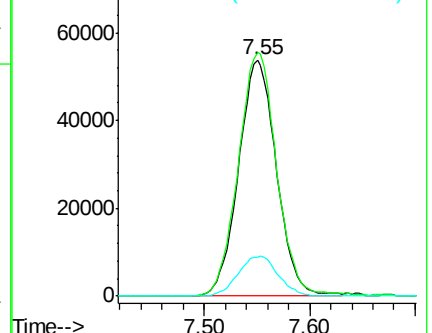
192 17.8 13.9 20.9

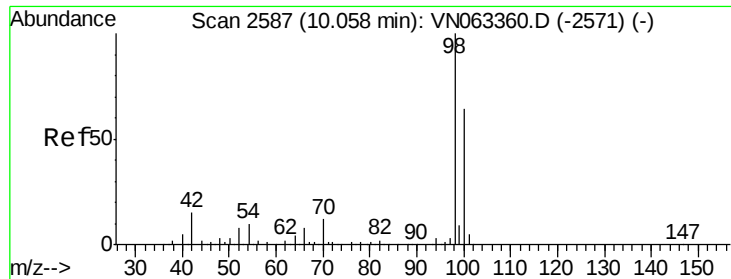


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.909 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

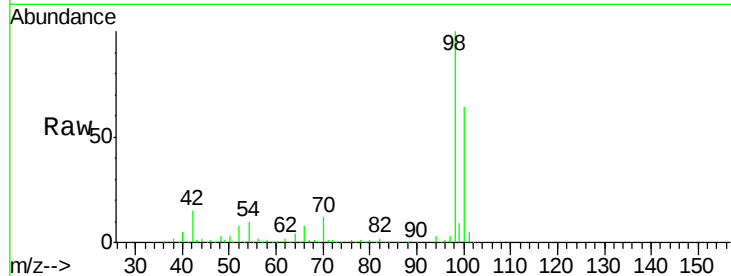
TT-TB-20200924

Tot Ion: 98 Resp: 521462

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

300000

250000

200000

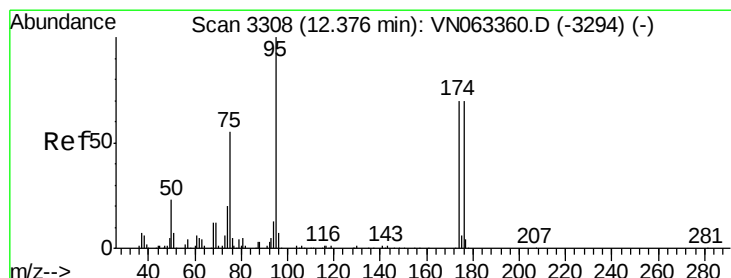
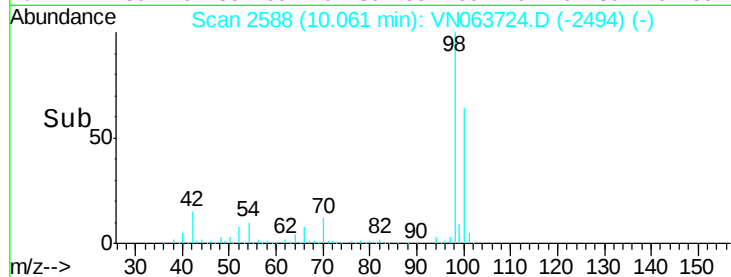
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.760 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

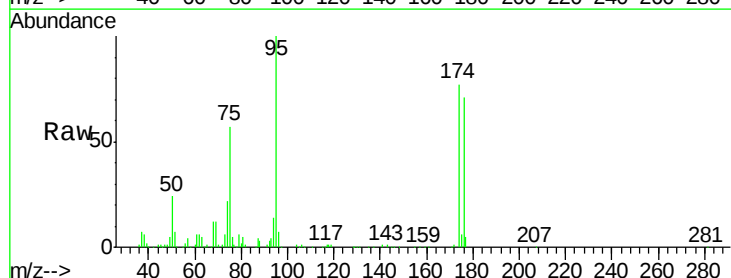
Tgt Ion: 95 Resp: 206526

Ion Ratio Lower Upper

95 100

174 74.0 0.0 140.8

176 71.4 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

12.38

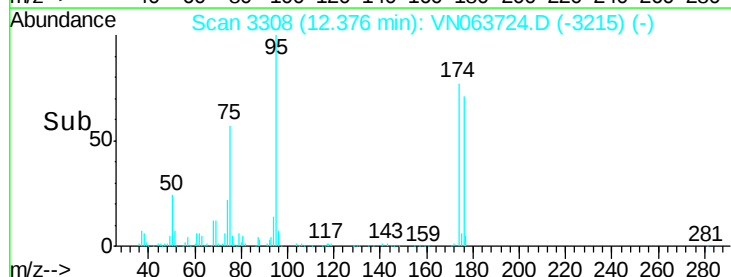
150000

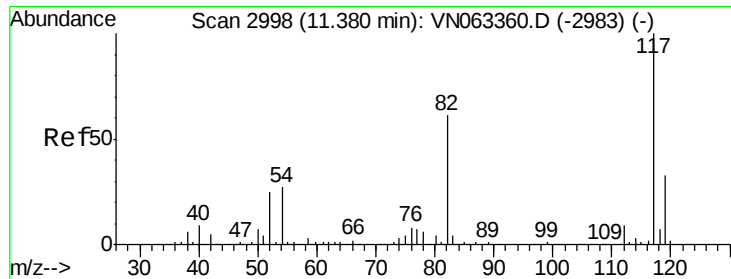
100000

50000

0

Time-->

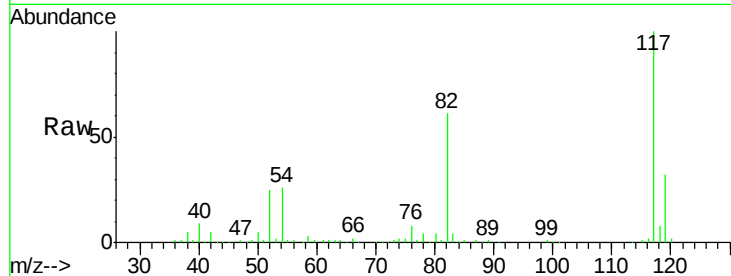




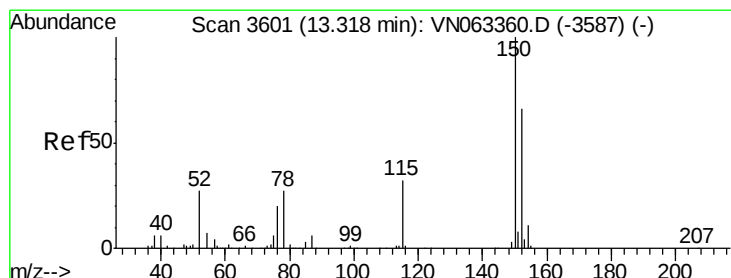
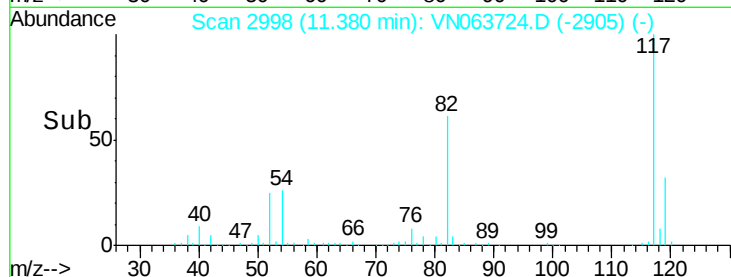
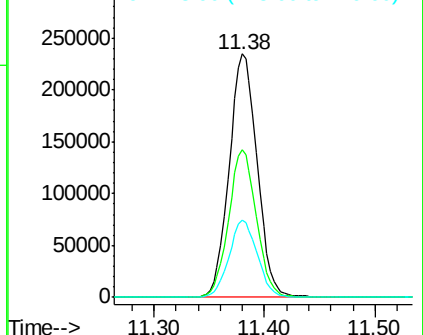
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063724.D
Acq: 29 Sep 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20200924

Tot Ion:117 Resp: 412863
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 31.9 26.2 39.4

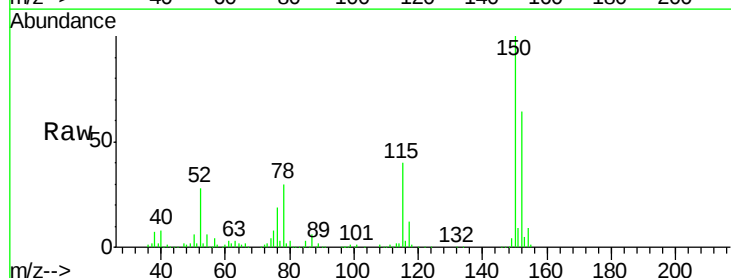


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063724.D
Acq: 29 Sep 2020 13:47

Tgt Ion:152 Resp: 175320
Ion Ratio Lower Upper
152 100
115 62.3 32.2 96.6
150 156.7 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

