

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063584.D
 Acq On : 23 Sep 2020 13:19
 Operator : JC/MD
 Sample : L4116-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-200922

Quant Time: Sep 24 02:58:04 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	221625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	410158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	415187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170081	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	187660	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	7.55	113	136167	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	10.06	98	532661	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.38	95	205043	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	

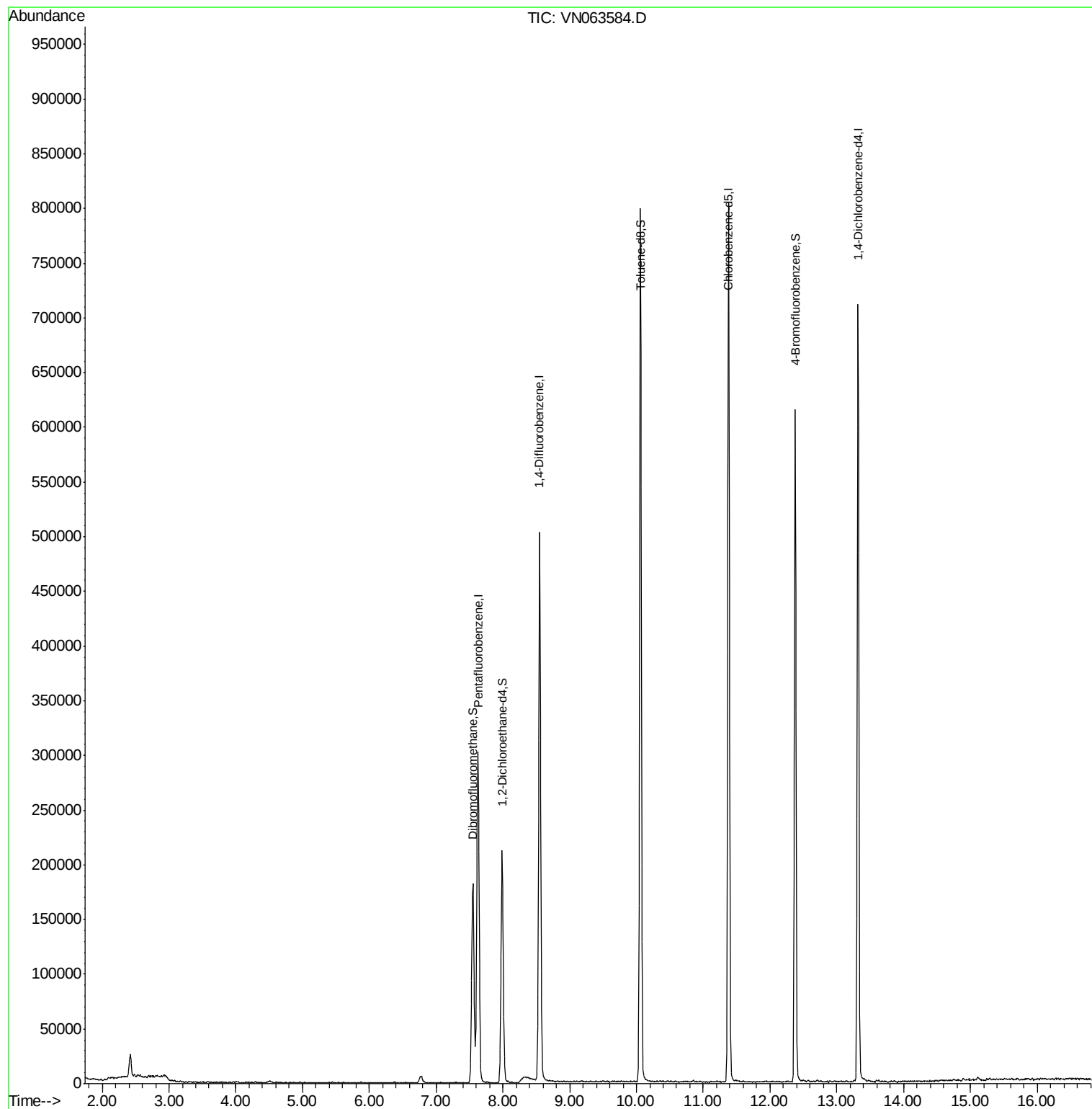
Target Compounds	Qvalue

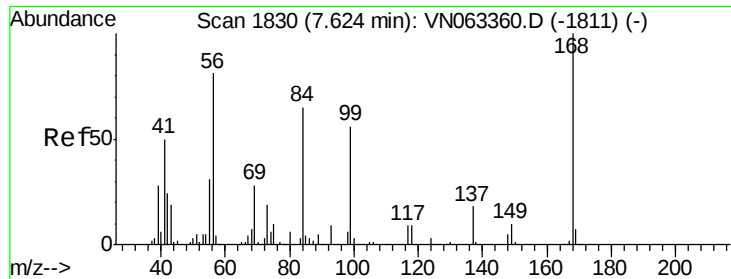
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063584.D

Acq: 23 Sep 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

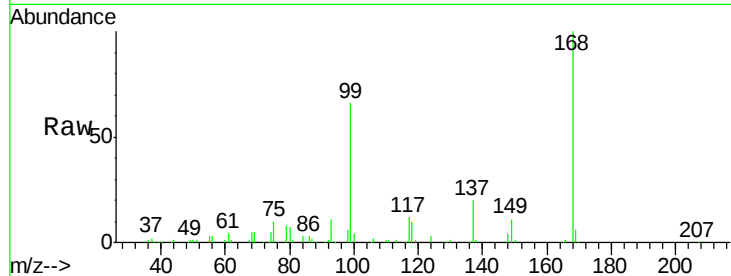
TB-01-200922

Tot Ion:168 Resp: 221625

Ion Ratio Lower Upper

168 100

99 66.5 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

100000

80000

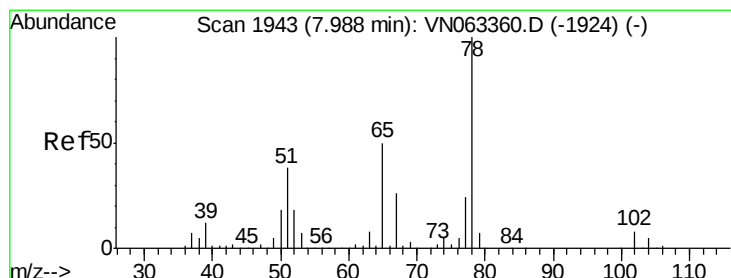
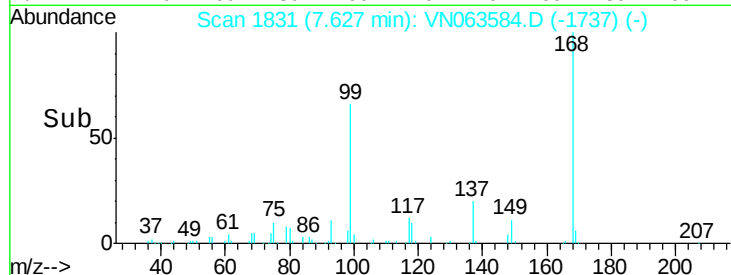
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 49.742 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063584.D

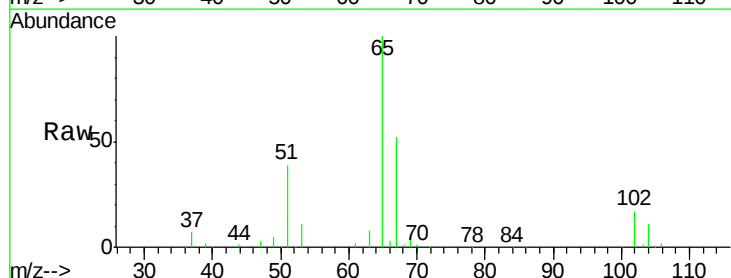
Acq: 23 Sep 2020 13:19

Tgt Ion: 65 Resp: 187660

Ion Ratio Lower Upper

65 100

67 48.6 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

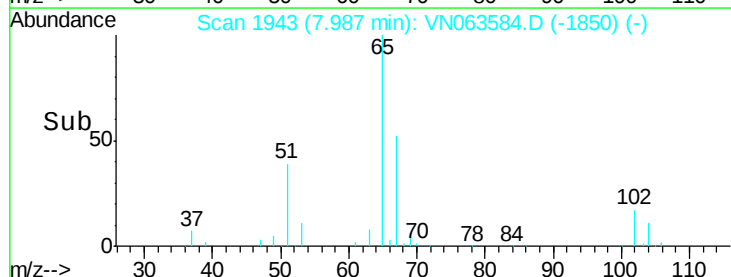
60000

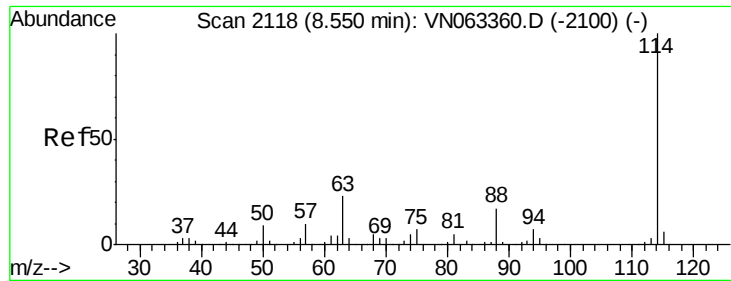
40000

20000

0

Time--> 7.90 8.00 8.10

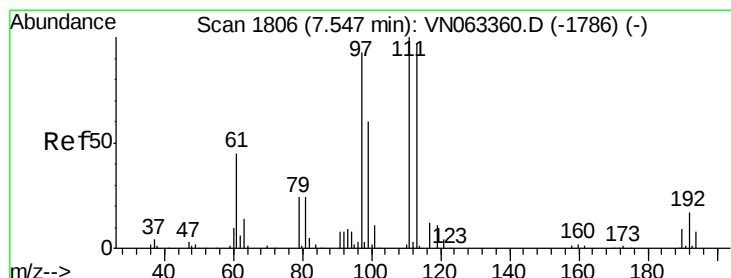
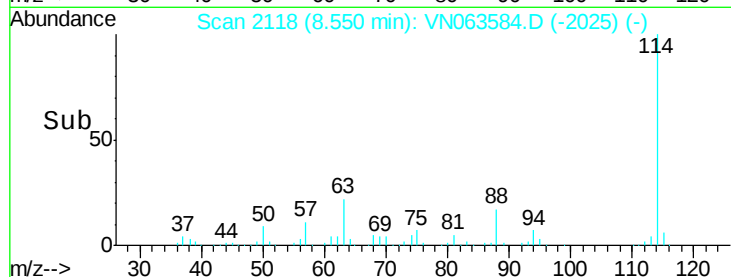
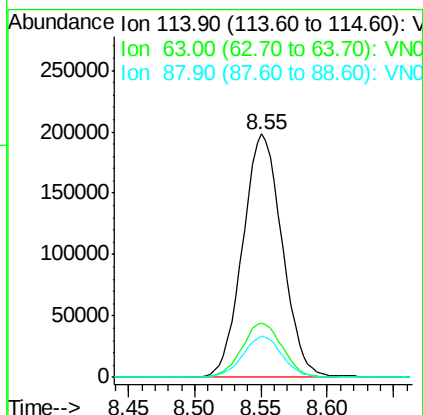
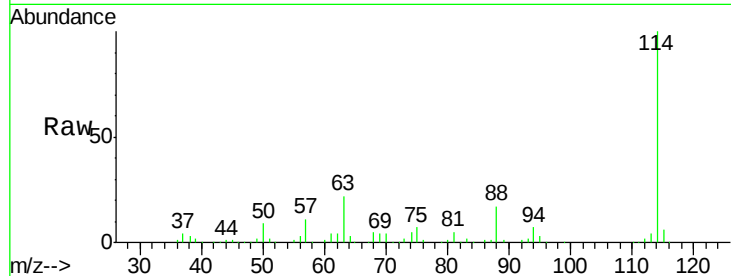




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063584.D
 Acq: 23 Sep 2020 13:19

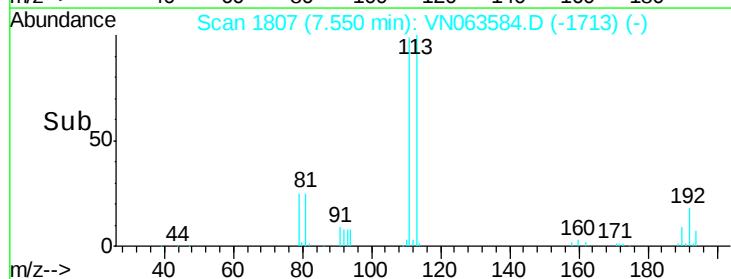
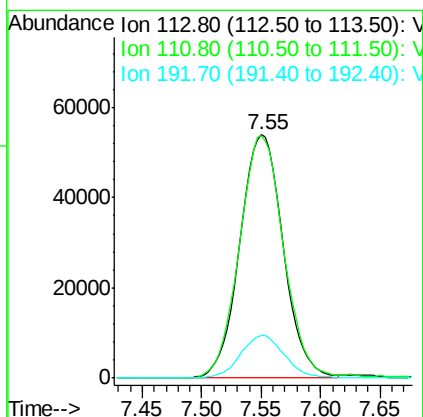
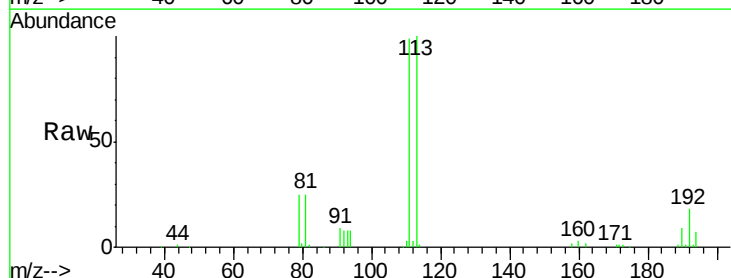
Instrument :
 MSVOA_N
 ClientSampled :
 TB-01-200922

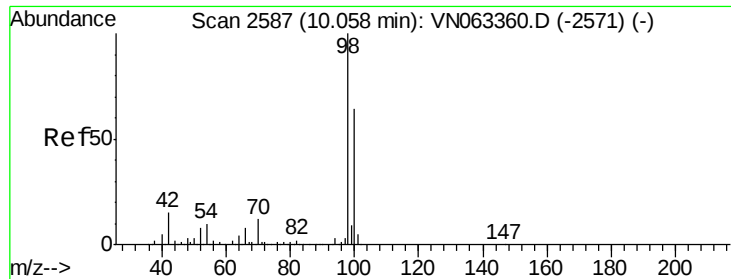
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.4
88	16.8	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 47.956 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063584.D
 Acq: 23 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.9	124.3
192	17.8	13.9	20.9





#50

Toluene-d8

Concen: 49.890 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063584.D

Acq: 23 Sep 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

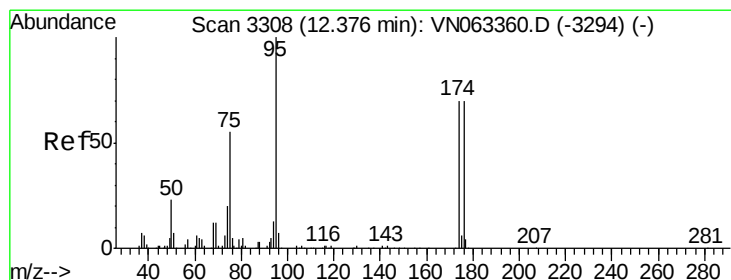
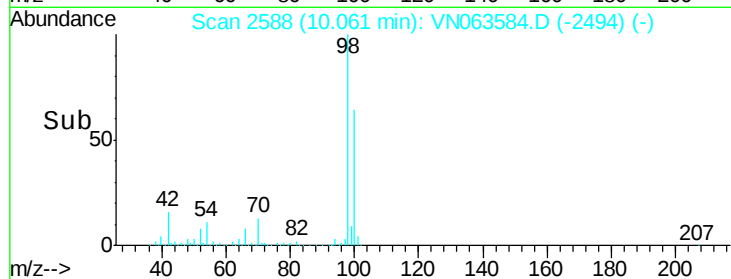
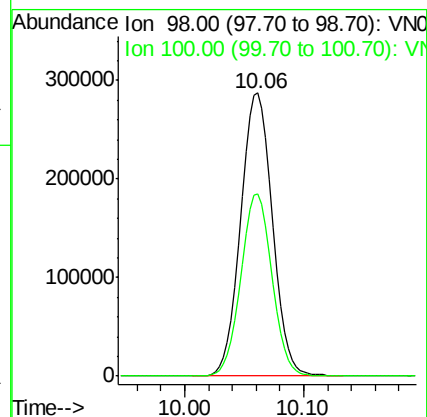
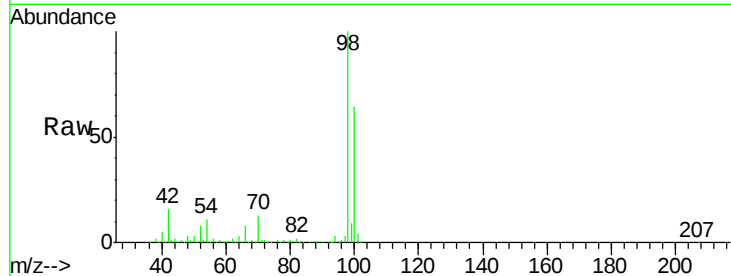
TB-01-200922

Tot Ion: 98 Resp: 532661

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.388 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063584.D

Acq: 23 Sep 2020 13:19

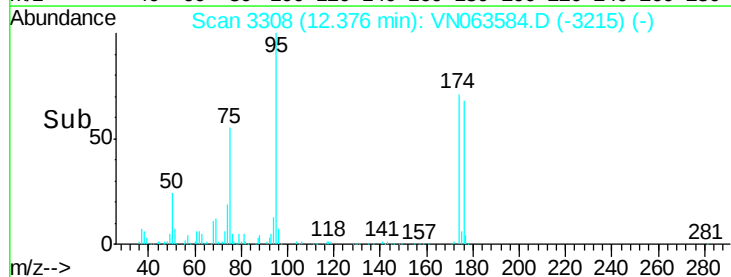
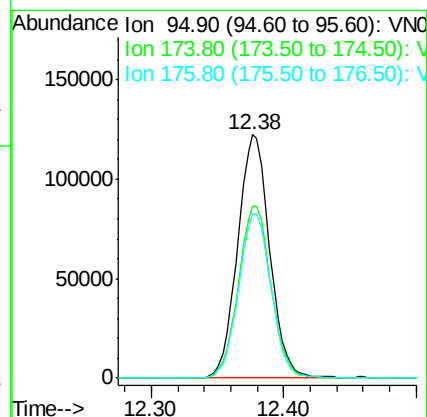
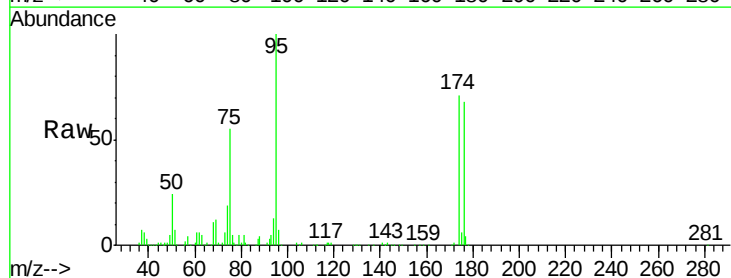
Tgt Ion: 95 Resp: 205043

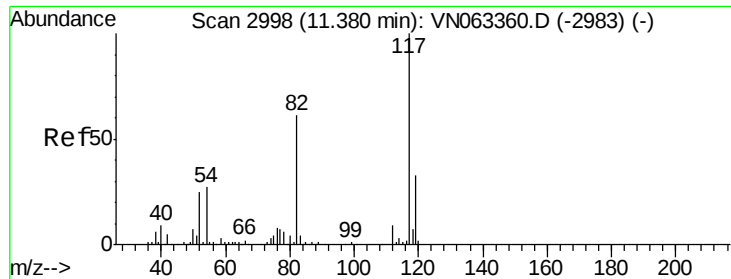
Ion Ratio Lower Upper

95 100

174 72.3 0.0 140.8

176 68.8 0.0 137.6

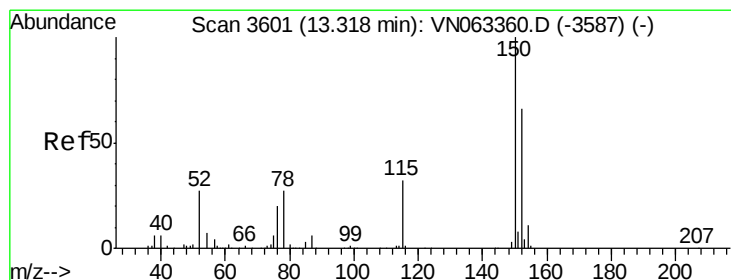
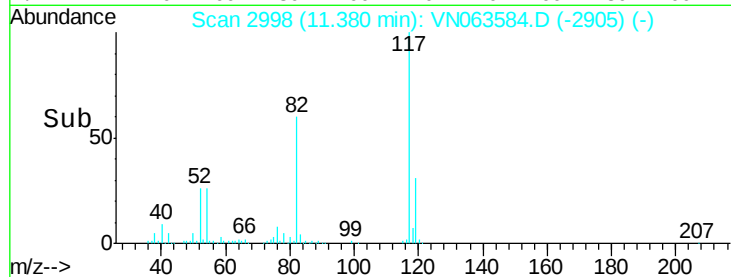
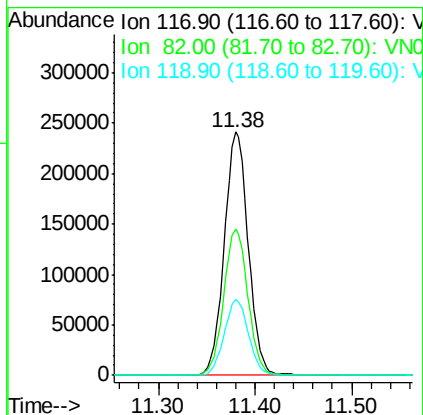
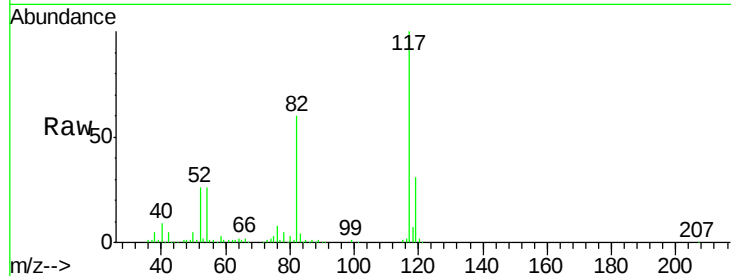




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063584.D
Acq: 23 Sep 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
TB-01-200922

Tot Ion:117 Resp: 415187
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 31.0 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: VN063584.D
Acq: 23 Sep 2020 13:19

Tgt Ion:152 Resp: 170081
Ion Ratio Lower Upper
152 100
115 65.2 32.2 96.6
150 158.9 0.0 343.4

