

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063452.D
 Acq On : 18 Sep 2020 13:02
 Operator : JC/MD
 Sample : PB131709TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131709TB

Quant Time: Sep 21 01:52:36 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

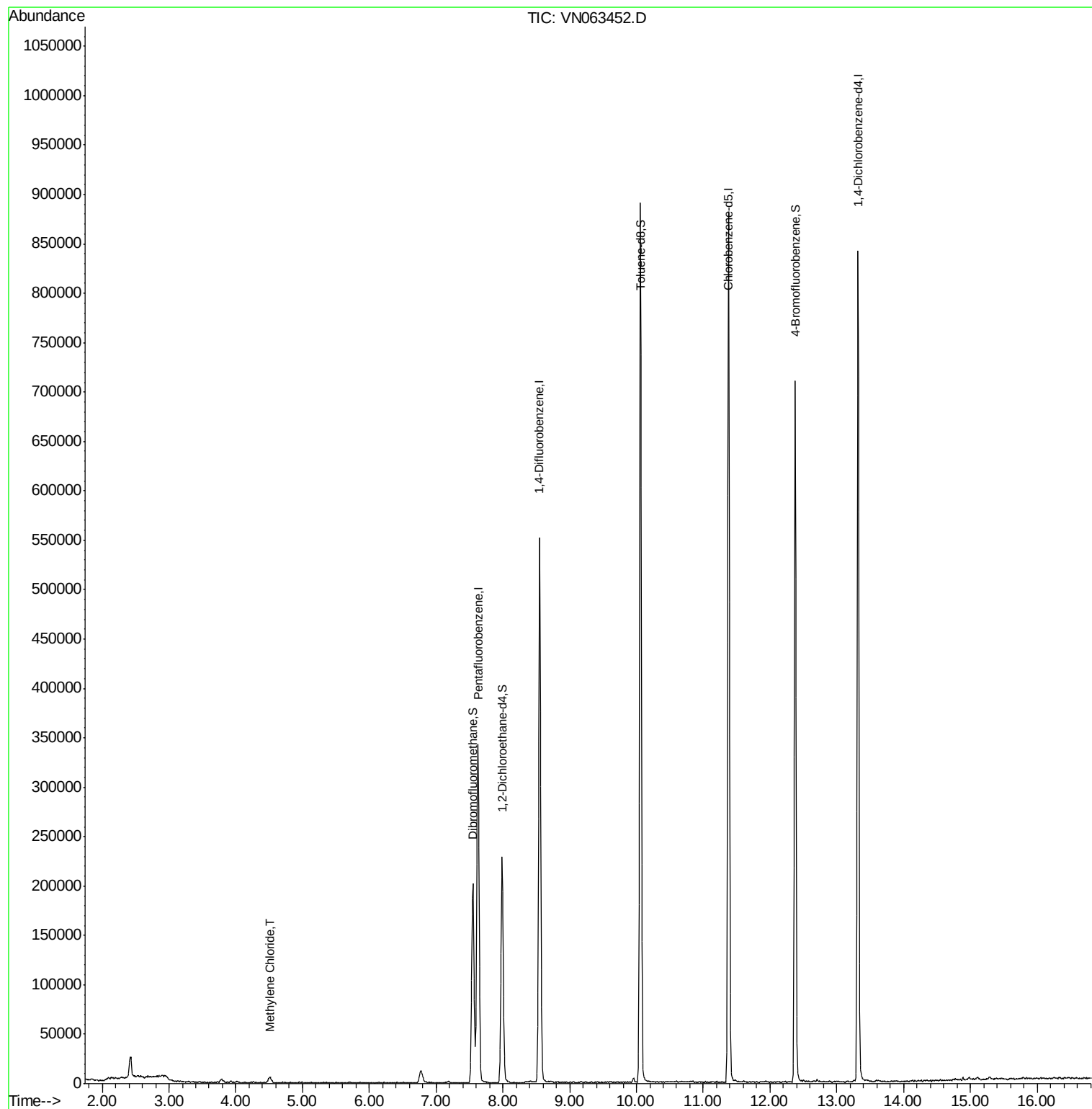
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	253538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	463126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	458741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	202439	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
35) Dibromofluoromethane	7.55	113	152070	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
50) Toluene-d8	10.06	98	596255	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.38	95	238201	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
Target Compounds						
20) Methylene Chloride	4.51	84	3894	1.108	ug/l #	79

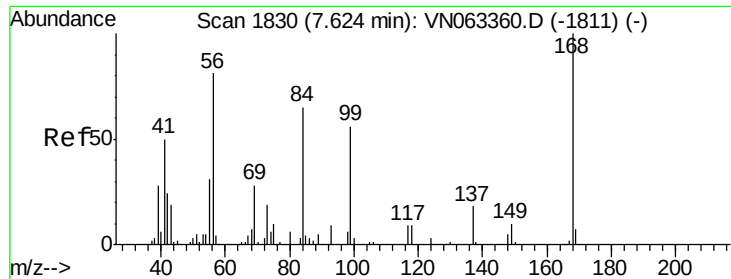
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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: VN063452.D

Acq: 18 Sep 2020 13:02

Instrument :

MSVOA_N

ClientSampleId :

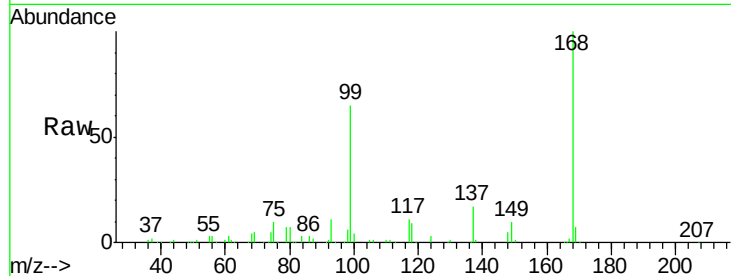
PB131709TB

Tot Ion:168 Resp: 253538

Ion Ratio Lower Upper

168 100

99 64.9 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

120000

100000

80000

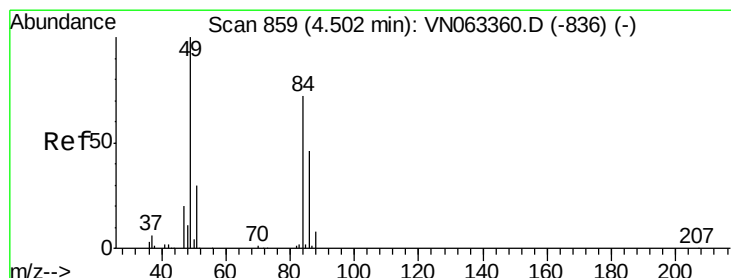
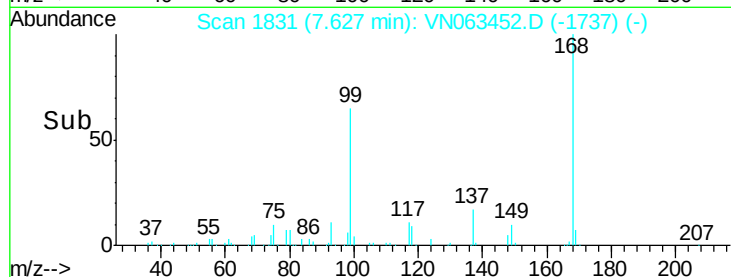
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 1.108 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063452.D

Acq: 18 Sep 2020 13:02

Tgt Ion: 84 Resp: 3894

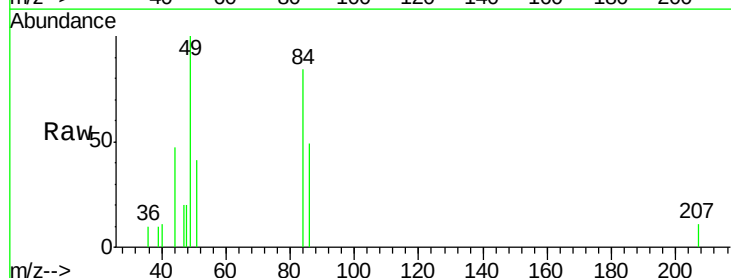
Ion Ratio Lower Upper

84 100

49 102.8 110.7 166.1#

51 49.1 32.9 49.3

86 57.9 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

2500

2000

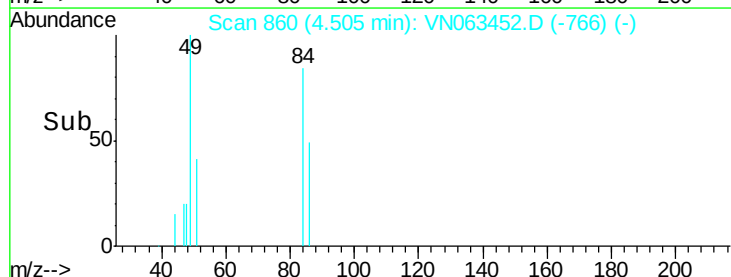
1500

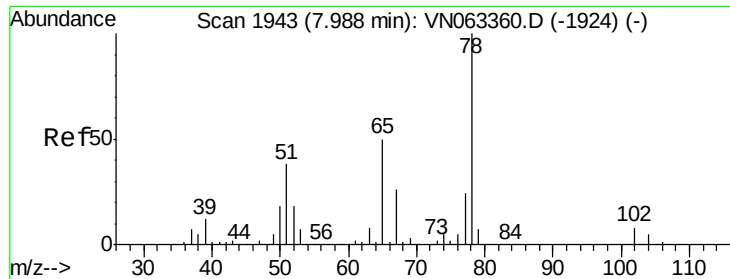
1000

500

0

Time--> 4.45 4.50 4.55





#33

1,2-Dichloroethane-d4

Concen: 46.906 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063452.D

Acq: 18 Sep 2020 13:02

Instrument :

MSVOA_N

ClientSampleId :

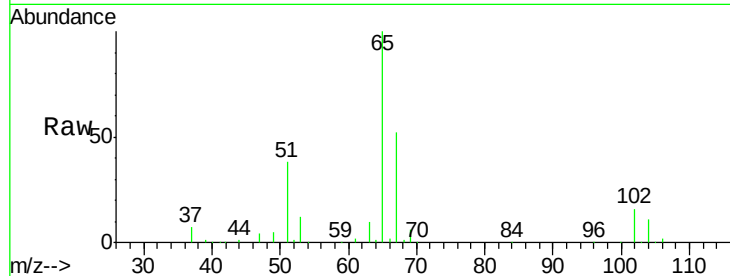
PB131709TB

Tot Ion: 65 Resp: 202439

Ion Ratio Lower Upper

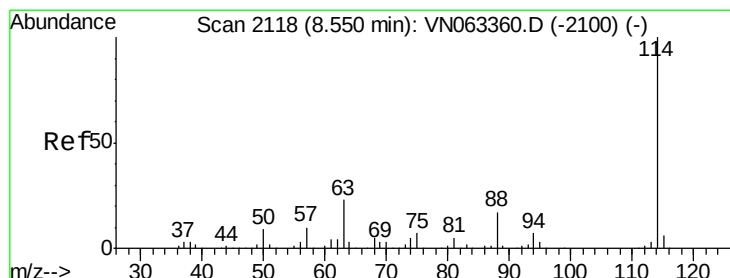
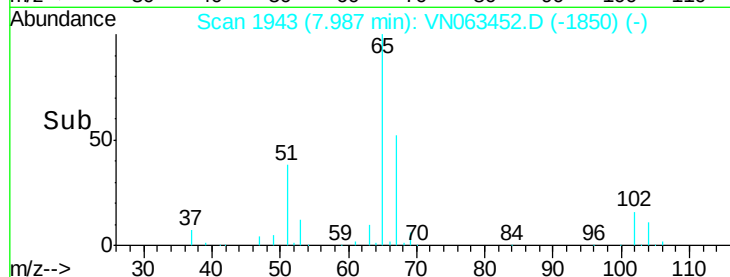
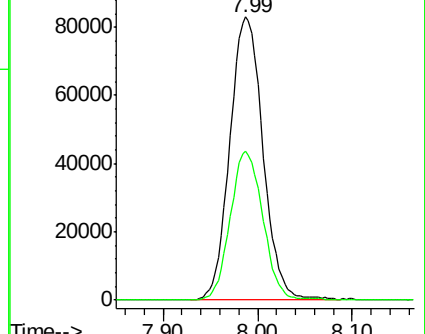
65 100

67 51.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063452.D

Acq: 18 Sep 2020 13:02

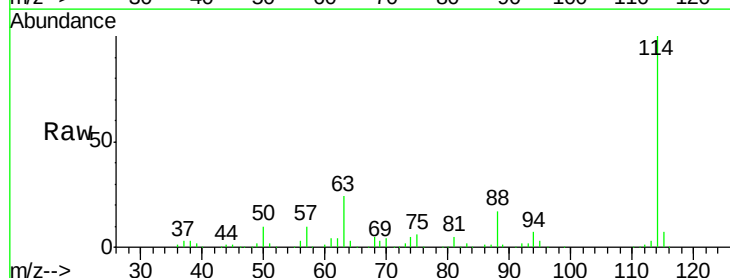
Tgt Ion: 114 Resp: 463126

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.4

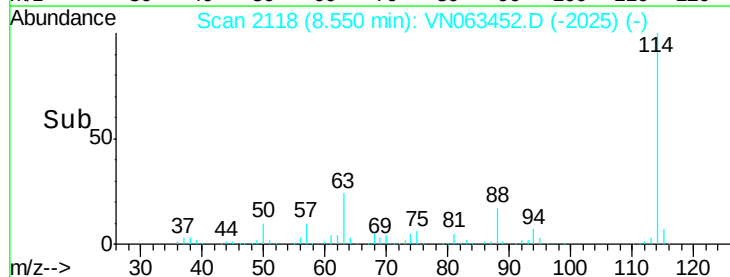
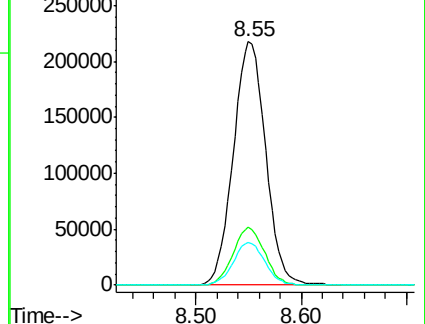
88 17.5 0.0 33.2

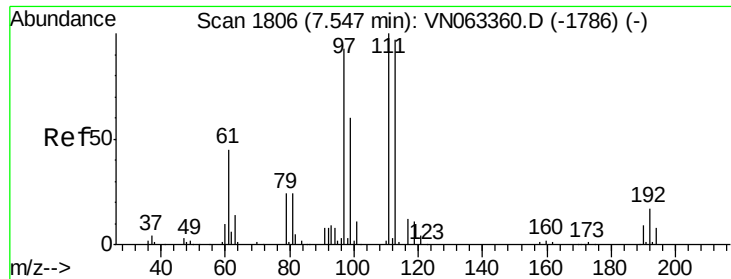


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

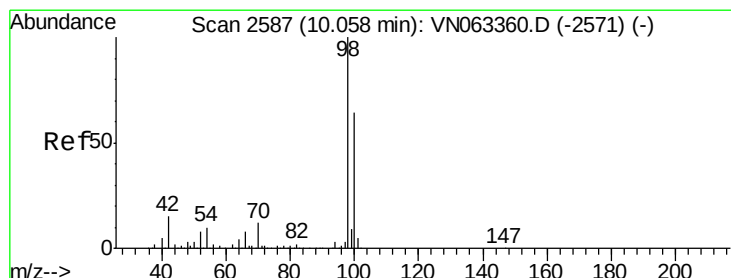
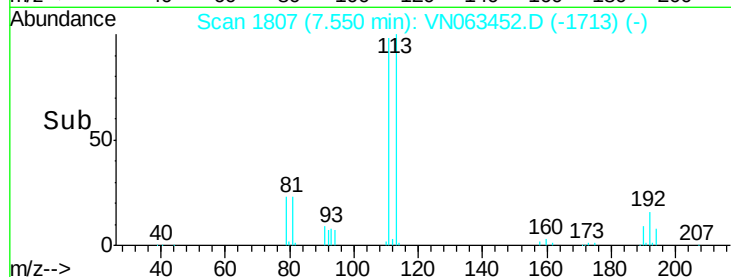
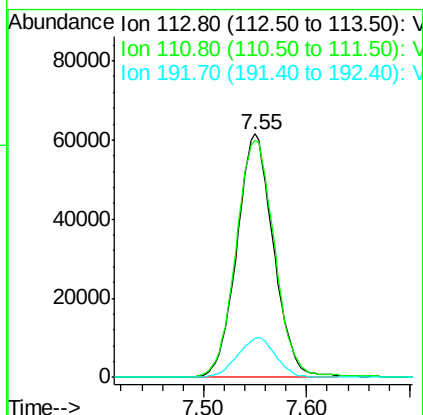
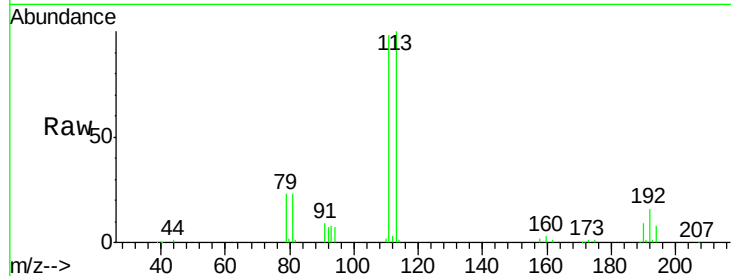




#35
 Dibromofluoromethane
 Concen: 47.431 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063452.D
 Acq: 18 Sep 2020 13:02

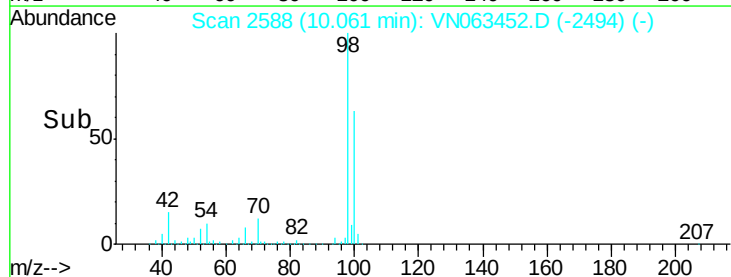
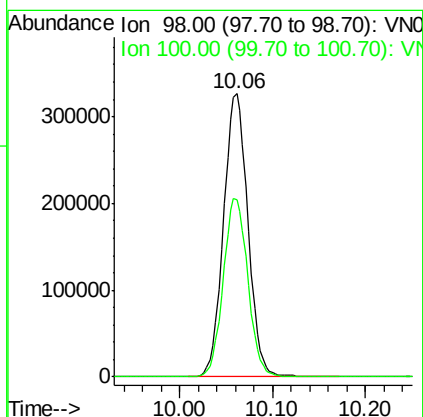
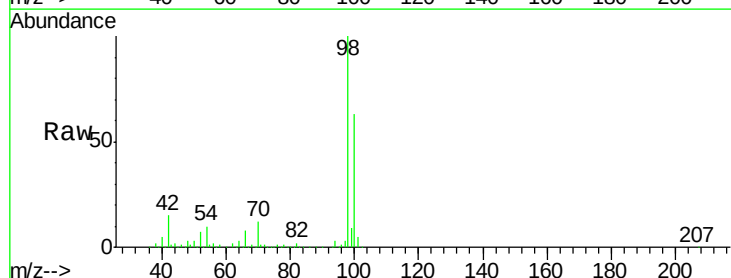
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131709TB

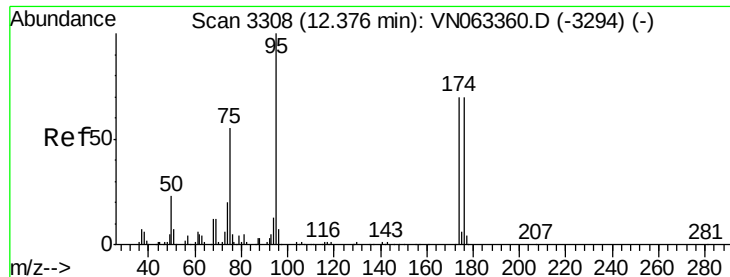
Tot Ion:113 Resp: 152070
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 17.0 13.9 20.9



#50
 Toluene-d8
 Concen: 49.459 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063452.D
 Acq: 18 Sep 2020 13:02

Tgt Ion: 98 Resp: 596255
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.7 76.1

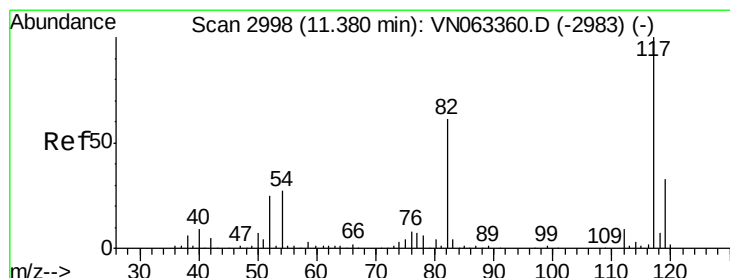
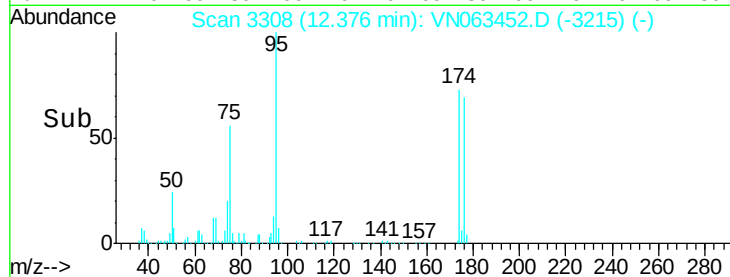
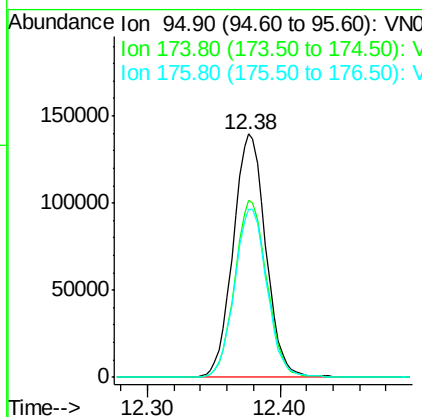
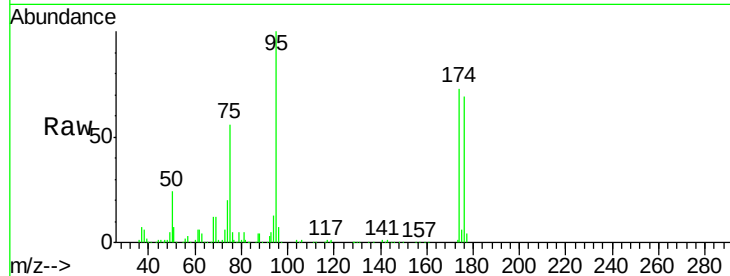




#62
4-Bromofluorobenzene
Concen: 53.899 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063452.D
Acq: 18 Sep 2020 13:02

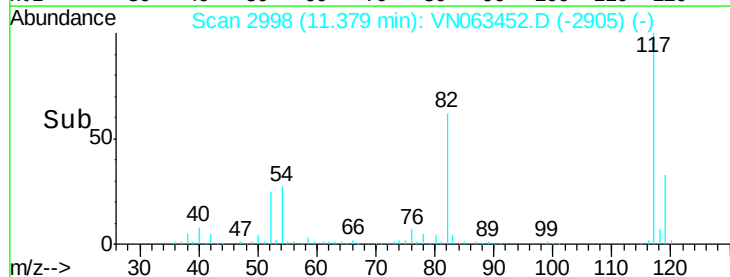
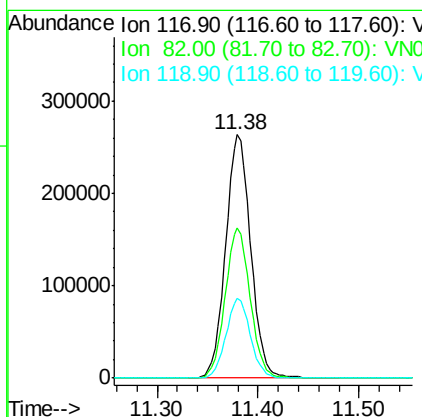
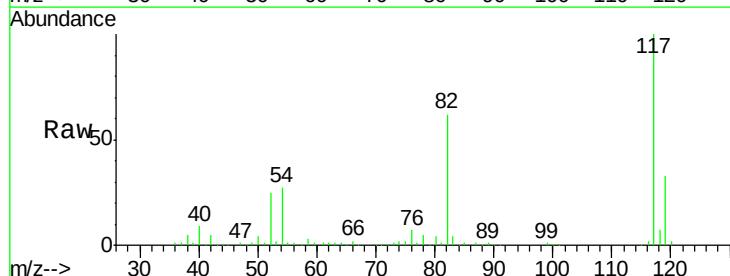
Instrument :
MSVOA_N
ClientSampled :
PB131709TB

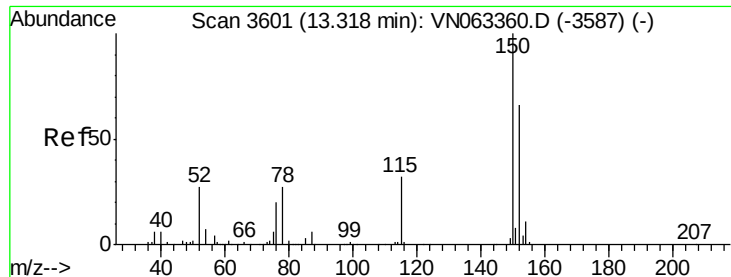
Tot Ion: 95 Resp: 238201
Ion Ratio Lower Upper
95 100
174 71.8 0.0 140.8
176 69.0 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063452.D
Acq: 18 Sep 2020 13:02

Tgt Ion: 117 Resp: 458741
Ion Ratio Lower Upper
117 100
82 61.8 49.2 73.8
119 32.8 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: VN063452.D

Acq: 18 Sep 2020 13:02

Instrument :

MSVOA_N

ClientSampleId :

PB131709TB

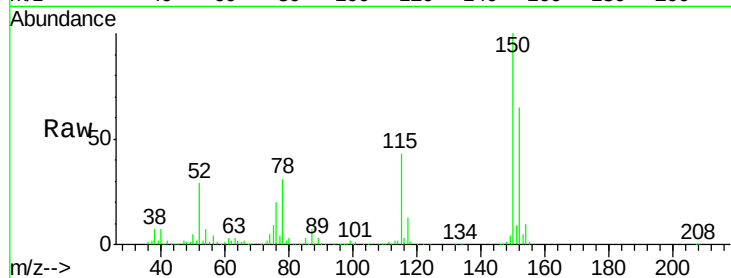
Tot Ion:152 Resp: 201760

Ion Ratio Lower Upper

152 100

115 65.4 32.2 96.6

150 156.8 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

