

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063559.D
 Acq On : 23 Sep 2020 2:51
 Operator : JC/MD
 Sample : PB131779ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131779ZHE#11

Quant Time: Sep 23 07:12:11 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

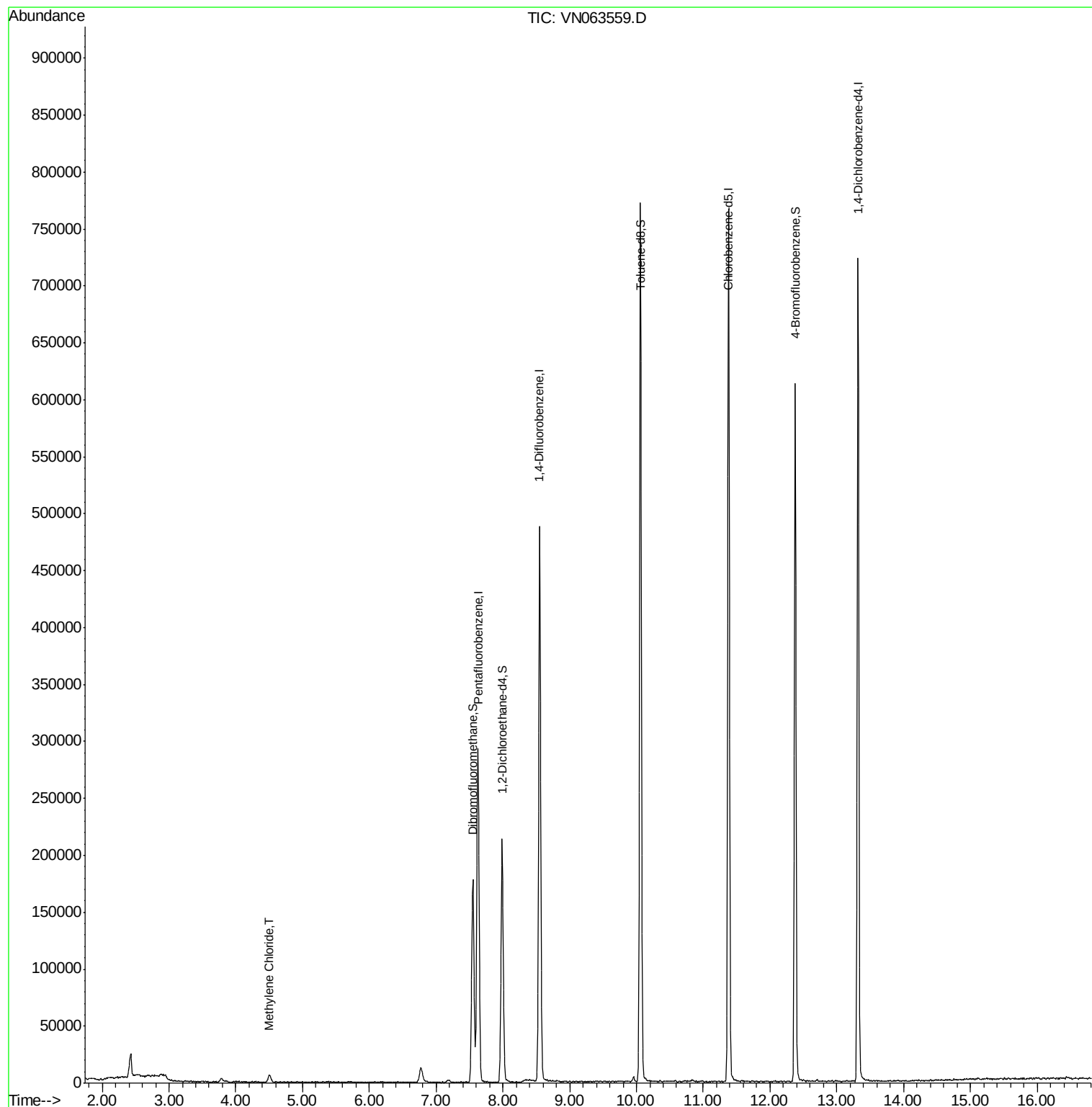
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	407181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	184247	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	7.55	113	132430	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
50) Toluene-d8	10.06	98	519280	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.38	95	206001	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
Target Compounds						
20) Methylene Chloride	4.51	84	4326	1.446	ug/l #	Qvalue 80

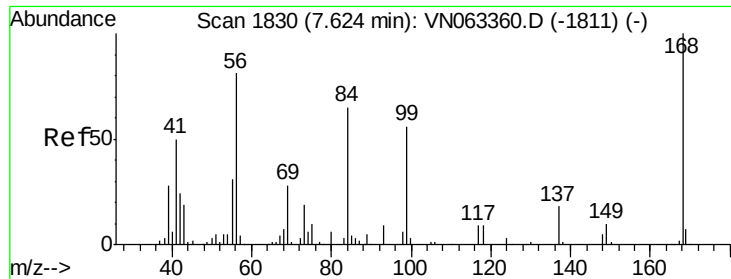
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063559.D

Acq: 23 Sep 2020 2:51

Instrument :

MSVOA_N

ClientSampleId :

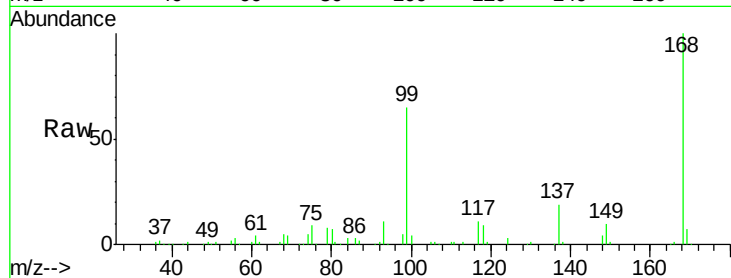
PB131779ZHE#11

Tot Ion:168 Resp: 215882

Ion Ratio Lower Upper

168 100

99 65.0 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

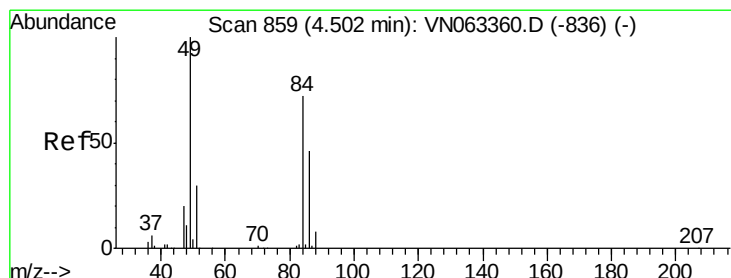
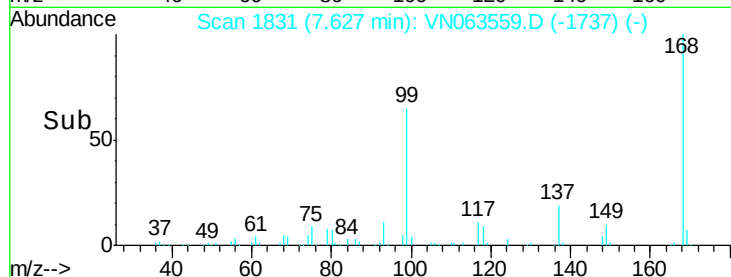
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 1.446 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.01 min

Lab File: VN063559.D

Acq: 23 Sep 2020 2:51

Tgt Ion: 84 Resp: 4326

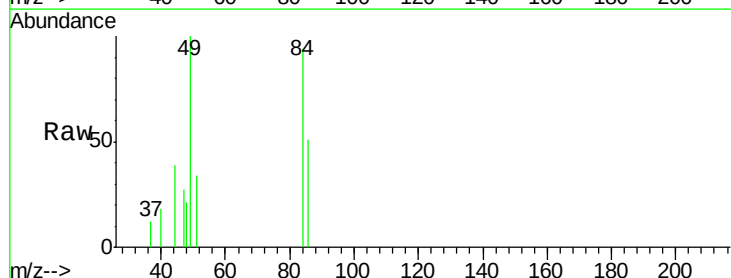
Ion Ratio Lower Upper

84 100

49 106.0 110.7 166.1#

51 35.8 32.9 49.3

86 53.6 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

3000

2500

2000

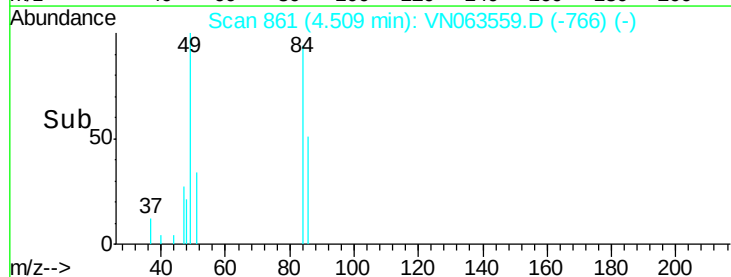
1500

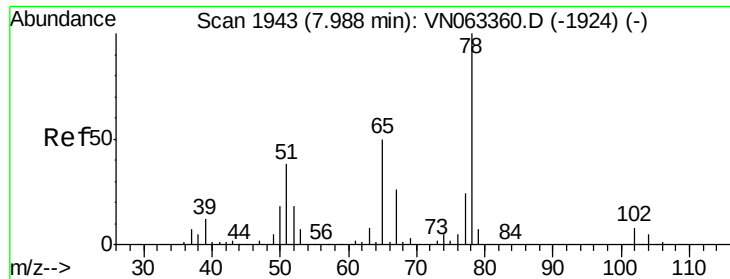
1000

500

0

Time--> 4.40 4.45 4.50 4.55

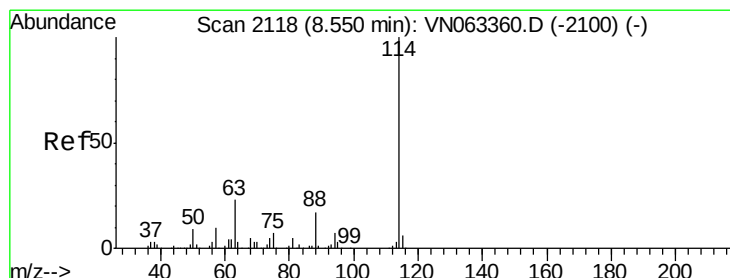
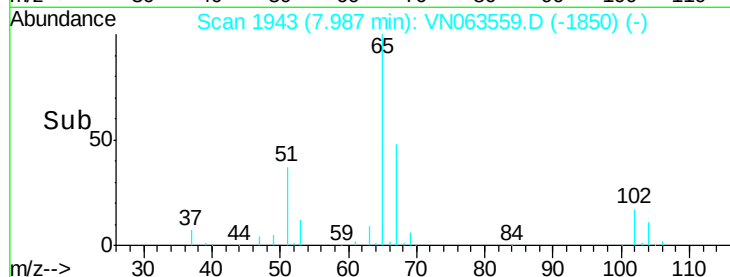
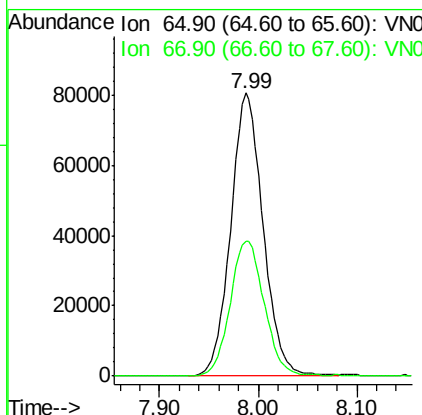
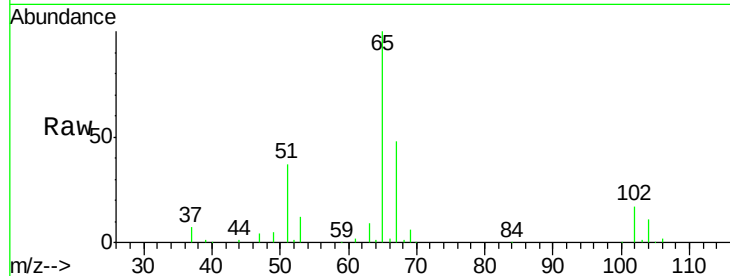




#33
 1,2-Dichloroethane-d4
 Concen: 50.137 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063559.D
 Acq: 23 Sep 2020 2:51

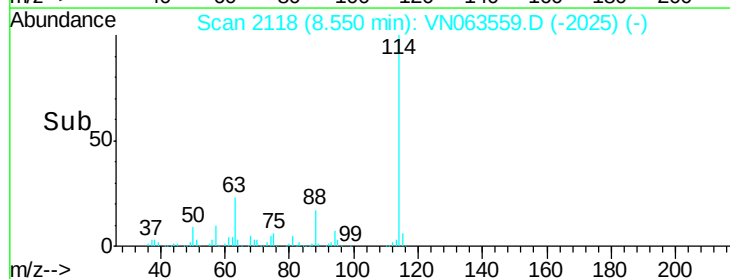
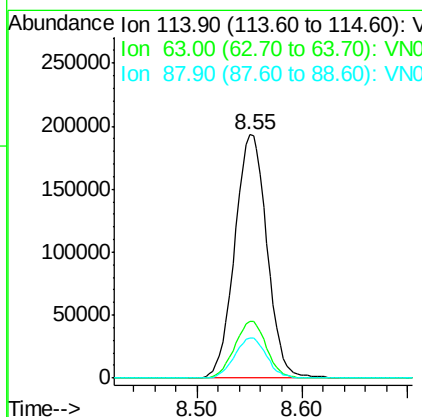
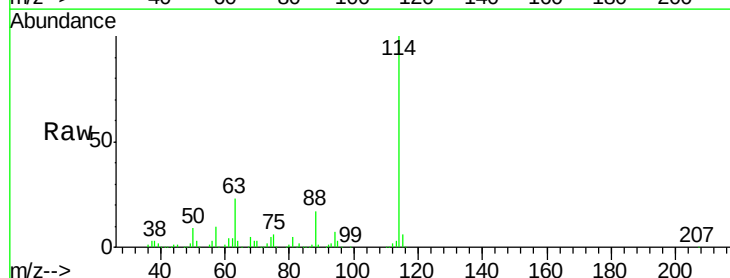
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131779ZHE#11

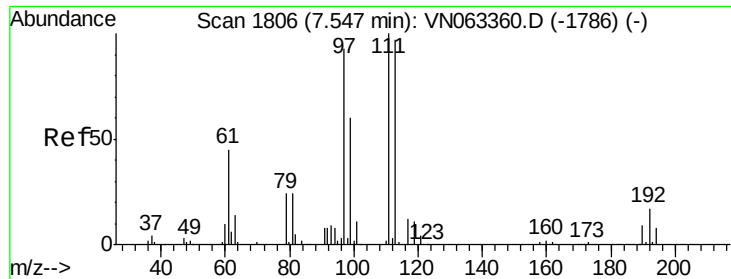
Tot Ion: 65 Resp: 184247
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063559.D
 Acq: 23 Sep 2020 2:51

Tgt Ion: 114 Resp: 409209
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.4
 88 16.6 0.0 33.2

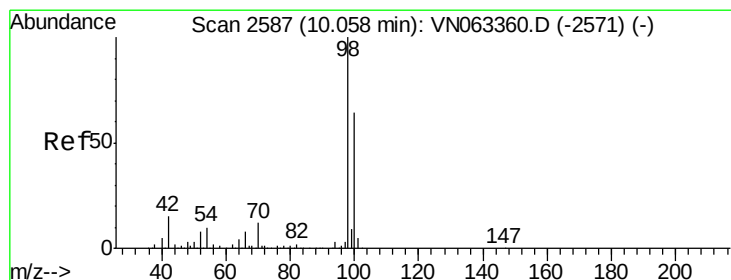
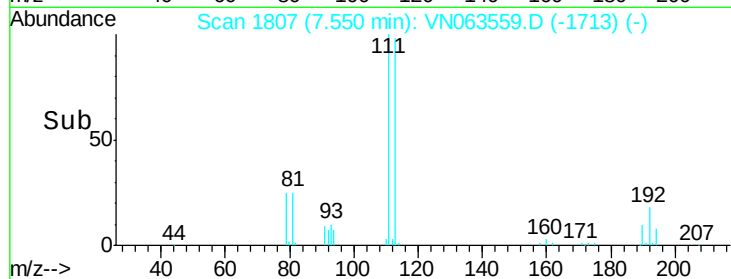
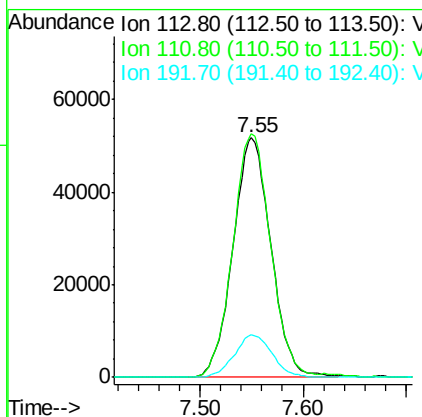
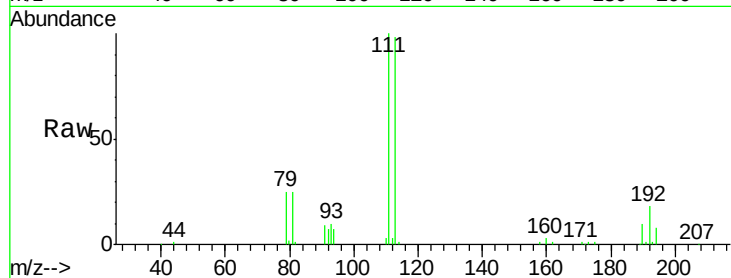




#35
 Dibromofluoromethane
 Concen: 46.748 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063559.D
 Acq: 23 Sep 2020 2:51

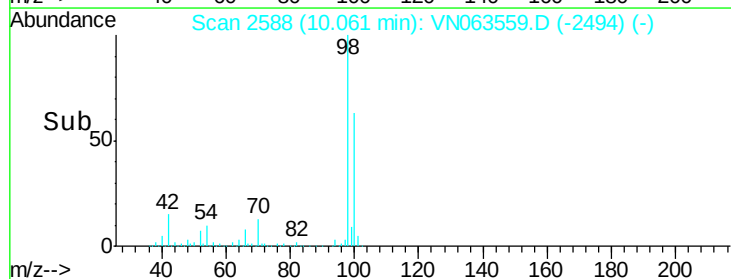
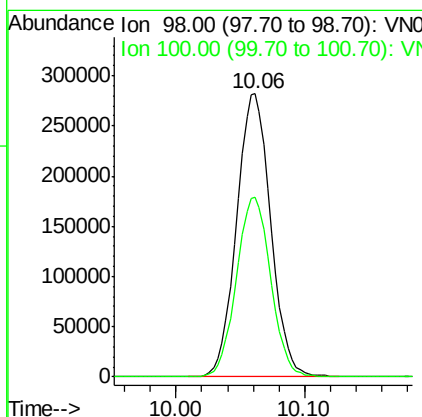
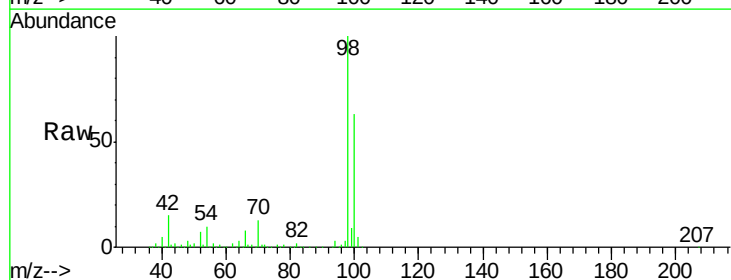
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131779ZHE#11

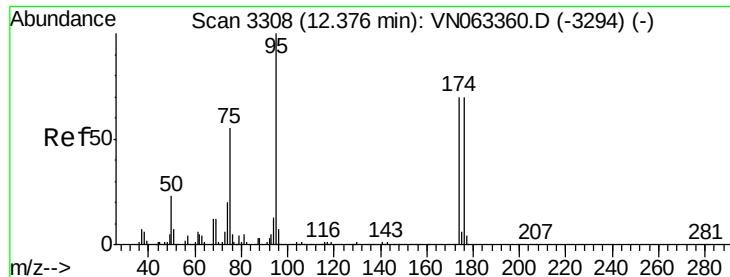
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.9	124.3
192	17.5	13.9	20.9



#50
 Toluene-d8
 Concen: 48.749 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063559.D
 Acq: 23 Sep 2020 2:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1

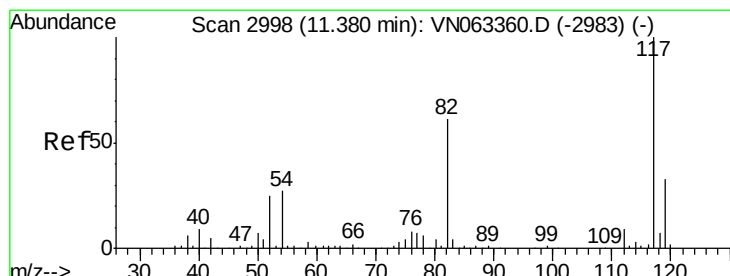
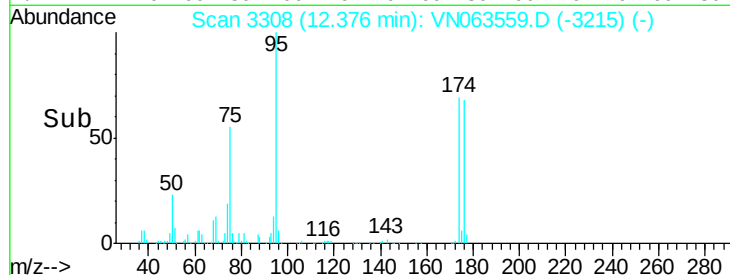
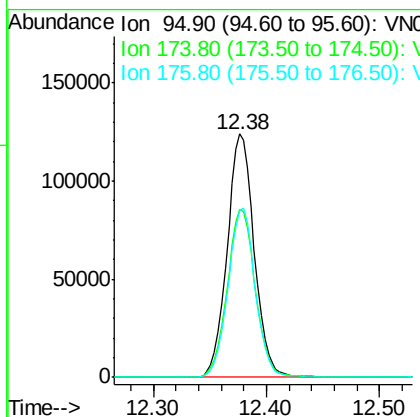
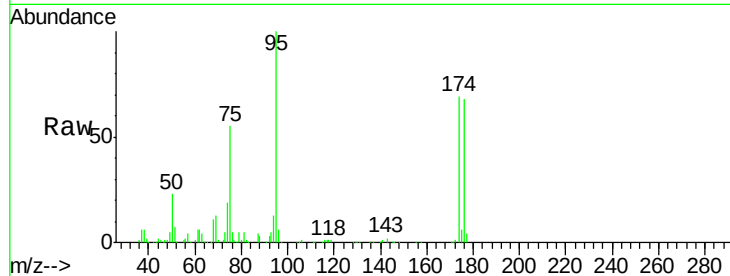




#62
4-Bromofluorobenzene
Concen: 52.755 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063559.D
Acq: 23 Sep 2020 2:51

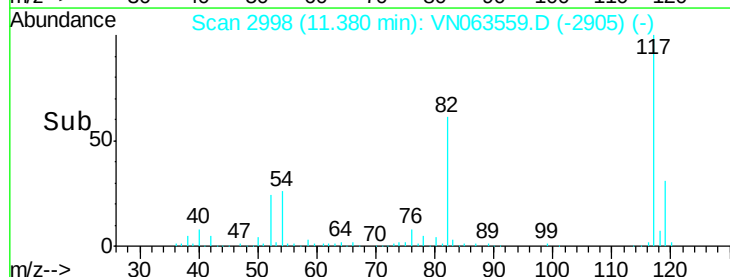
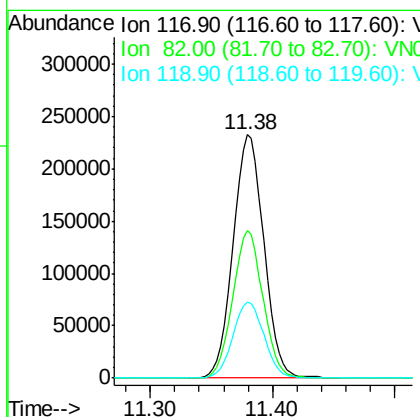
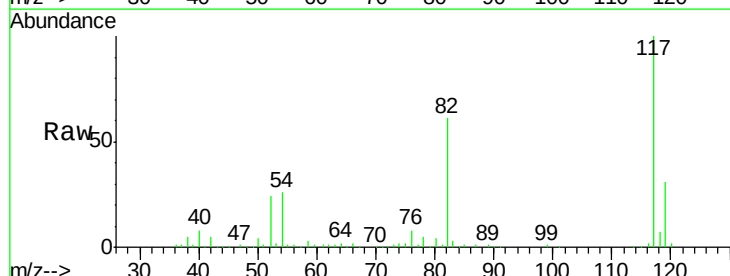
Instrument :
MSVOA_N
ClientSampleId :
PB131779ZHE#11

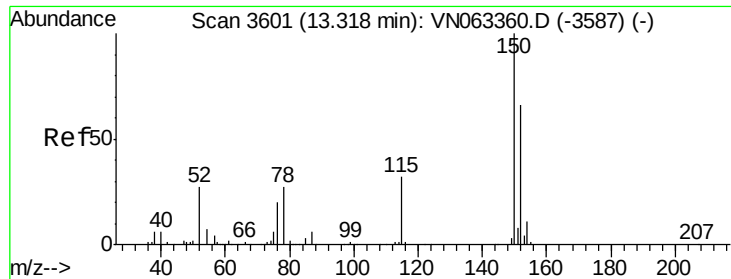
Tot Ion: 95 Resp: 206001
Ion Ratio Lower Upper
95 100
174 71.4 0.0 140.8
176 69.8 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063559.D
Acq: 23 Sep 2020 2:51

Tgt Ion: 117 Resp: 407181
Ion Ratio Lower Upper
117 100
82 60.7 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: VN063559.D

Acq: 23 Sep 2020 2:51

Instrument :

MSVOA_N

ClientSampleId :

PB131779ZHE#11

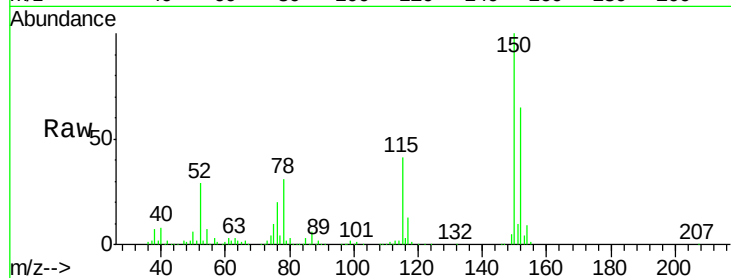
Tot Ion:152 Resp: 175609

Ion Ratio Lower Upper

152 100

115 62.7 32.2 96.6

150 155.2 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

