

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063558.D
 Acq On : 23 Sep 2020 2:27
 Operator : JC/MD
 Sample : PB131779TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131779TB

Quant Time: Sep 23 07:09:17 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

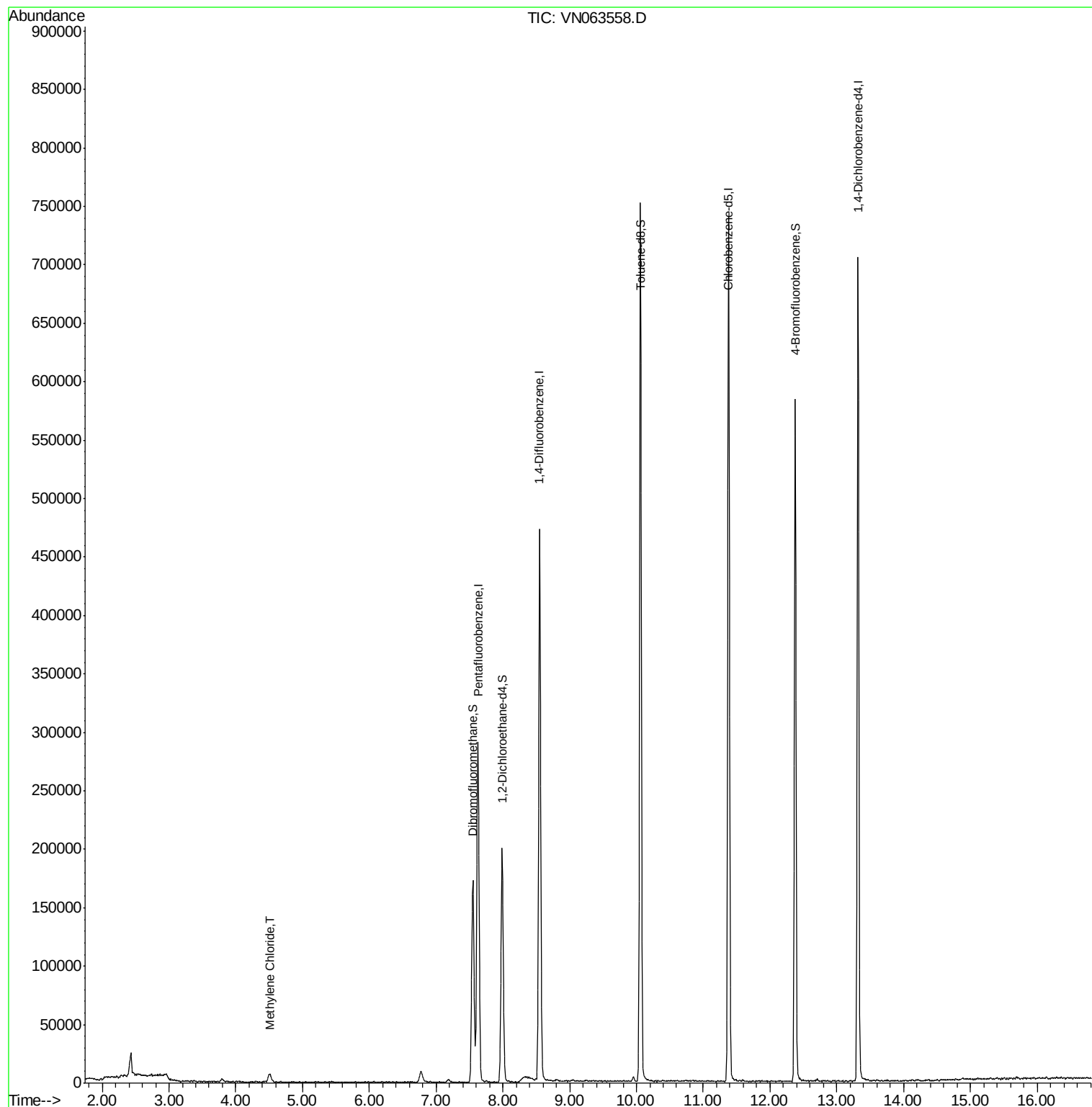
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	391548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	176275	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	7.55	113	127421	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
50) Toluene-d8	10.06	98	500139	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.38	95	196583	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
Target Compounds						
20) Methylene Chloride	4.50	84	5471	1.870	ug/l #	82

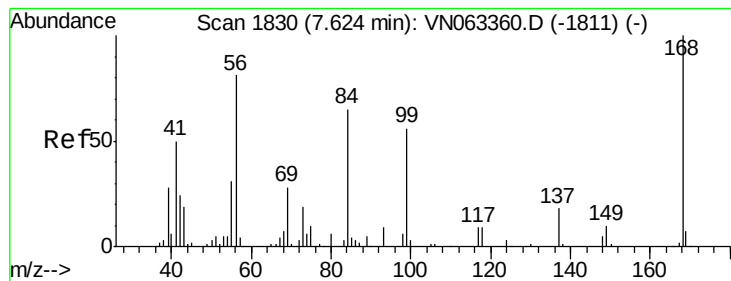
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 16 13:05:20 2020
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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: VN063558.D

Acq: 23 Sep 2020 2:27

Instrument :

MSVOA_N

ClientSampleId :

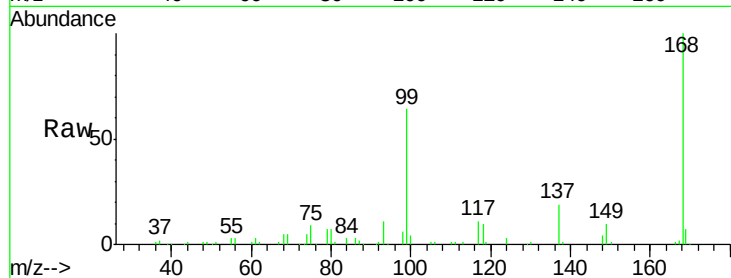
PB131779TB

Tot Ion:168 Resp: 211029

Ion Ratio Lower Upper

168 100

99 63.9 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

80000

60000

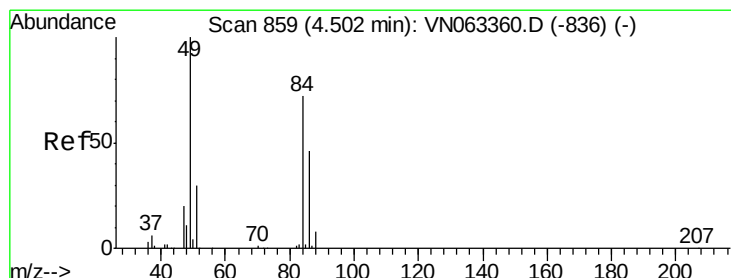
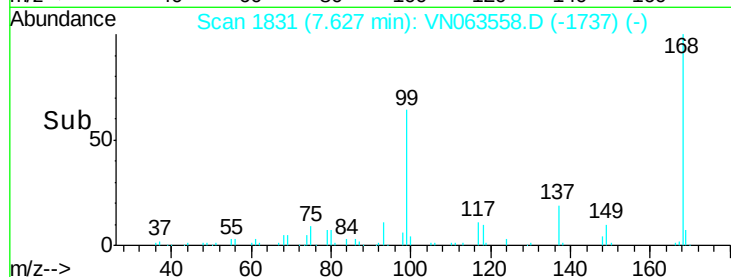
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#20

Methylene Chloride

Concen: 1.870 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN063558.D

Acq: 23 Sep 2020 2:27

Tgt Ion: 84 Resp: 5471

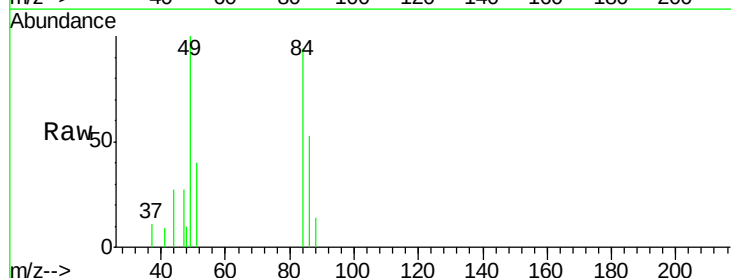
Ion Ratio Lower Upper

84 100

49 106.5 110.7 166.1#

51 42.2 32.9 49.3

86 56.1 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

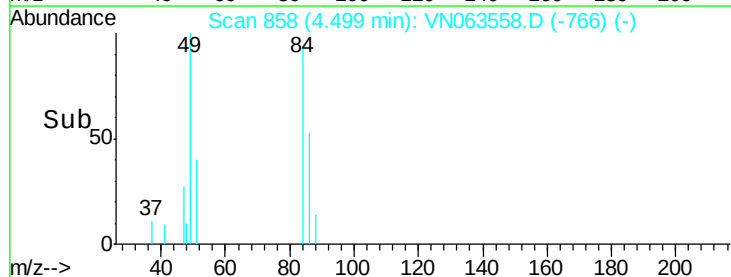
1000

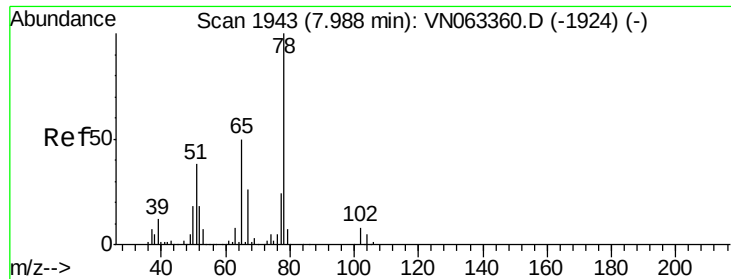
500

0

4.40 4.45 4.50 4.55 4.60

Time-->

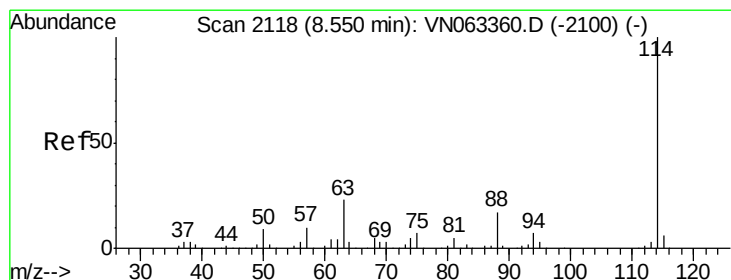
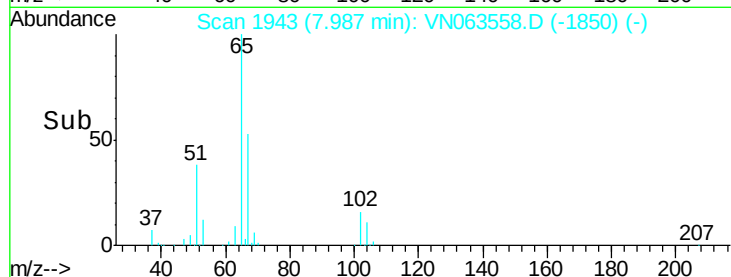
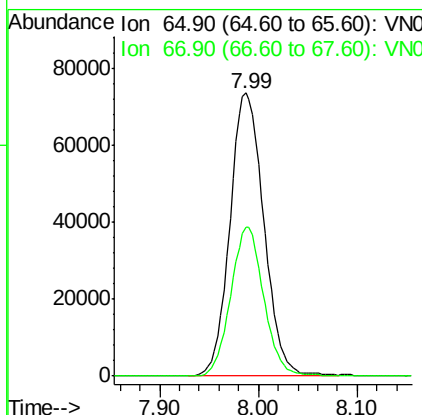
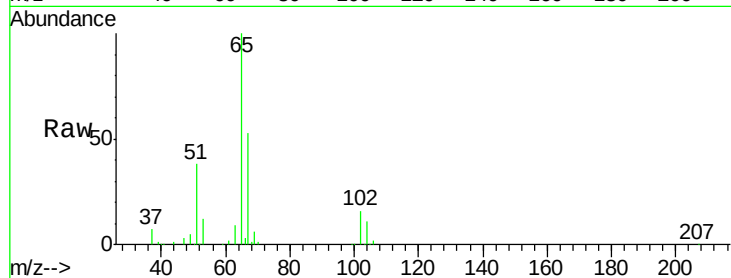




#33
 1,2-Dichloroethane-d4
 Concen: 49.071 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063558.D
 Acq: 23 Sep 2020 2:27

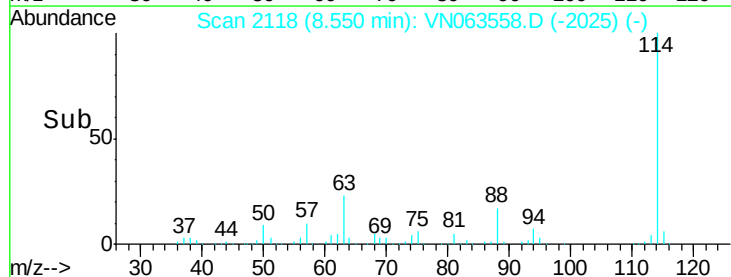
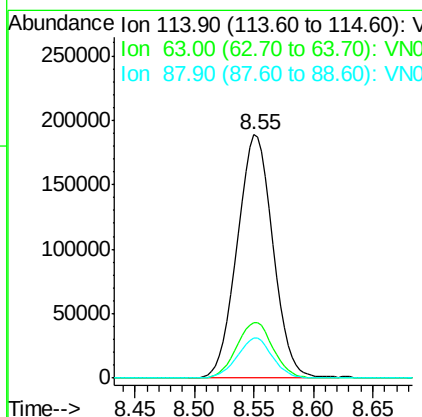
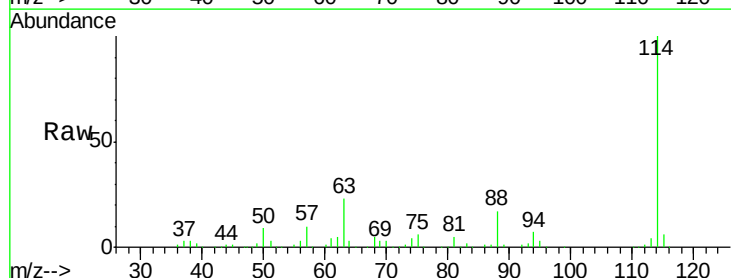
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131779TB

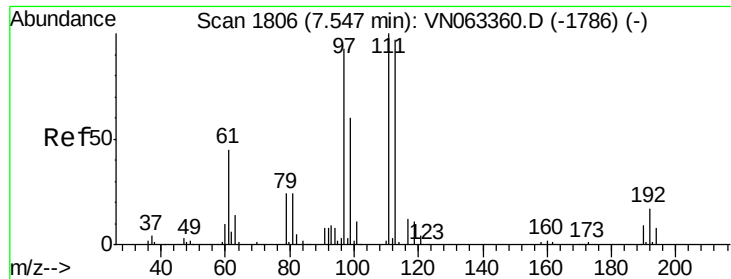
Tot Ion: 65 Resp: 176275
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063558.D
 Acq: 23 Sep 2020 2:27

Tgt Ion: 114 Resp: 393951
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.4
 88 16.5 0.0 33.2

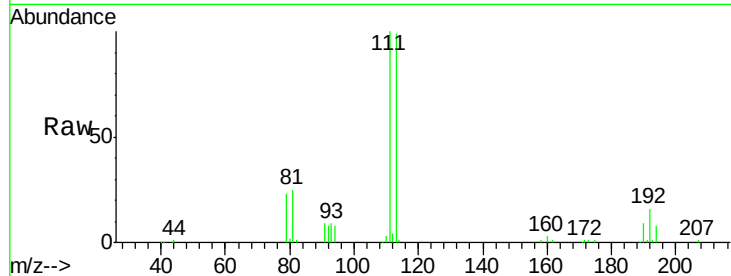




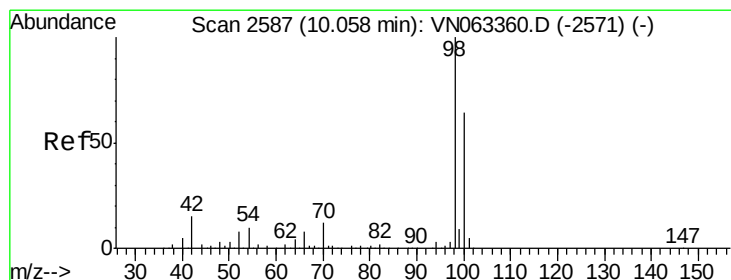
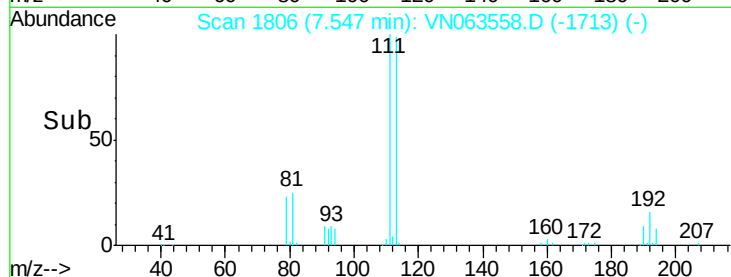
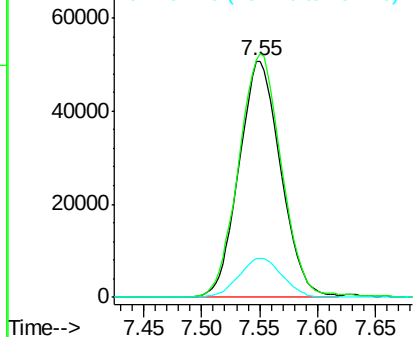
#35
Dibromofluoromethane
Concen: 46.722 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063558.D
Acq: 23 Sep 2020 2:27

Instrument :
MSVOA_N
ClientSampleId :
PB131779TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.9	124.3
192	17.0	13.9	20.9

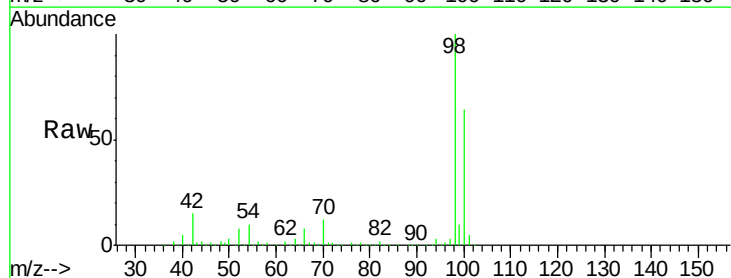


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

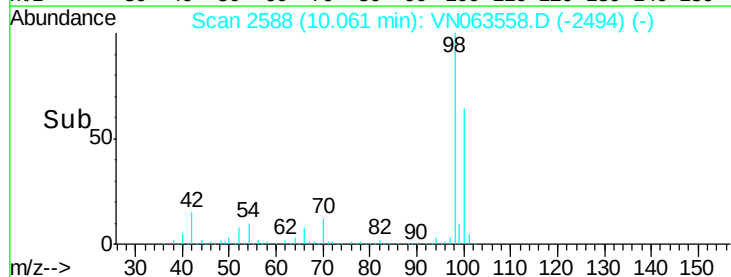
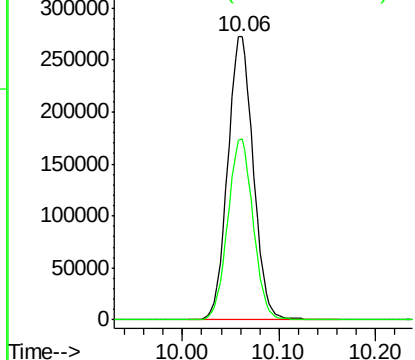


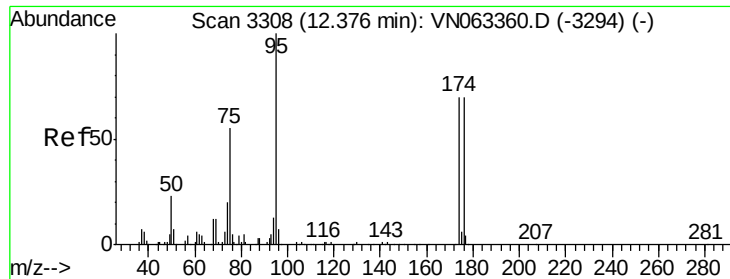
#50
Toluene-d8
Concen: 48.771 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063558.D
Acq: 23 Sep 2020 2:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.7	76.1



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

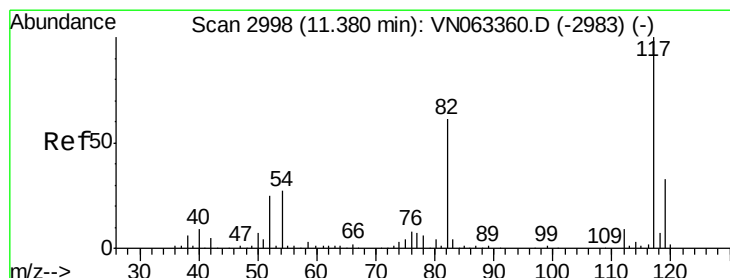
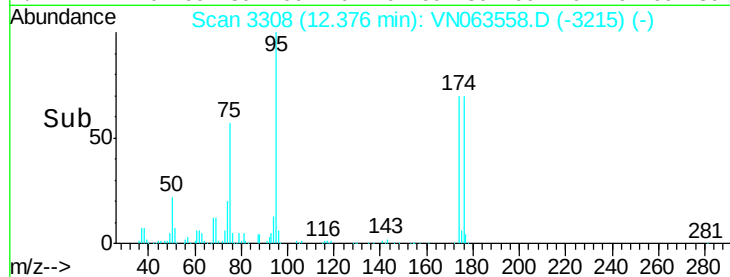
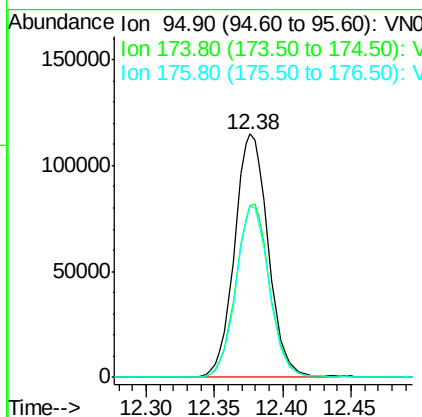
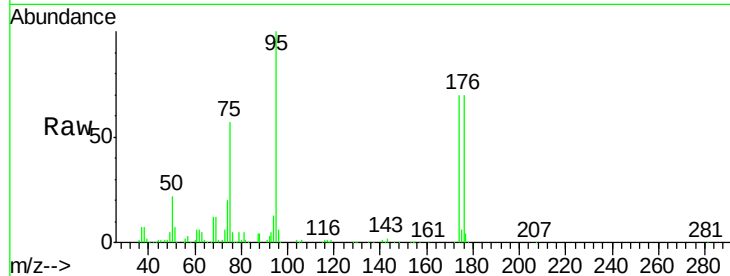




#62
4-Bromofluorobenzene
Concen: 52.293 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063558.D
Acq: 23 Sep 2020 2:27

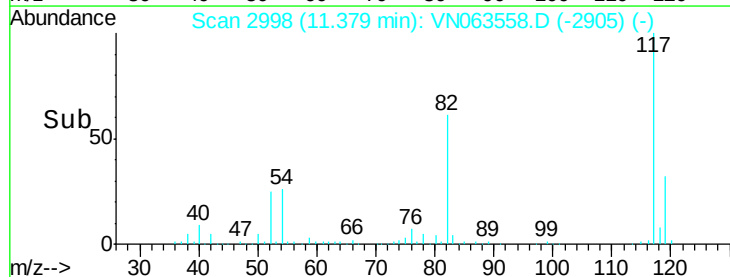
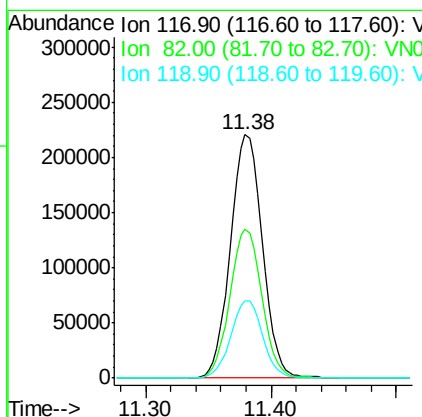
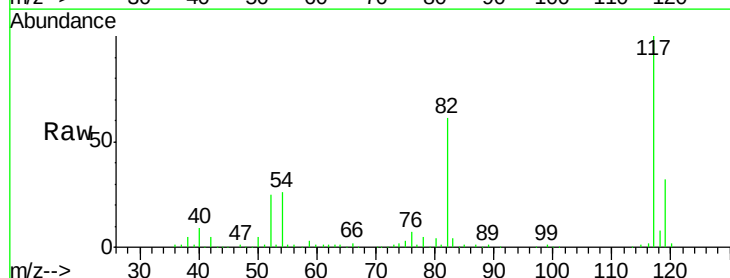
Instrument :
MSVOA_N
ClientSampleId :
PB131779TB

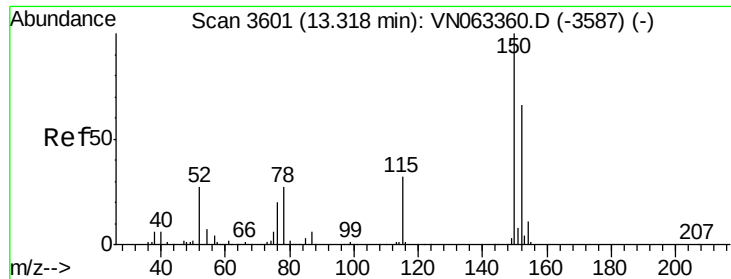
Tot Ion	95	Resp	196583
Ion Ratio	Lower	Upper	
95	100		
174	71.2	0.0	140.8
176	69.4	0.0	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063558.D
Acq: 23 Sep 2020 2:27

Tgt Ion	117	Resp	391548
Ion Ratio	Lower	Upper	
117	100		
82	61.3	49.2	73.8
119	31.8	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: VN063558.D

Acq: 23 Sep 2020 2:27

Instrument :

MSVOA_N

ClientSampleId :

PB131779TB

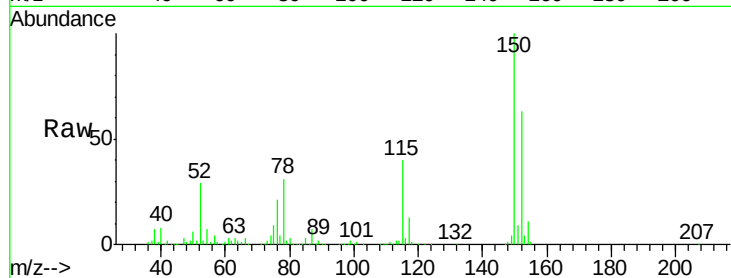
Tot Ion:152 Resp: 168275

Ion Ratio Lower Upper

152 100

115 63.5 32.2 96.6

150 157.3 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

