

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063240.D
 Acq On : 4 Sep 2020 12:13
 Operator : JC/MD
 Sample : L3923-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-EB-20200902

Quant Time: Sep 07 00:43:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

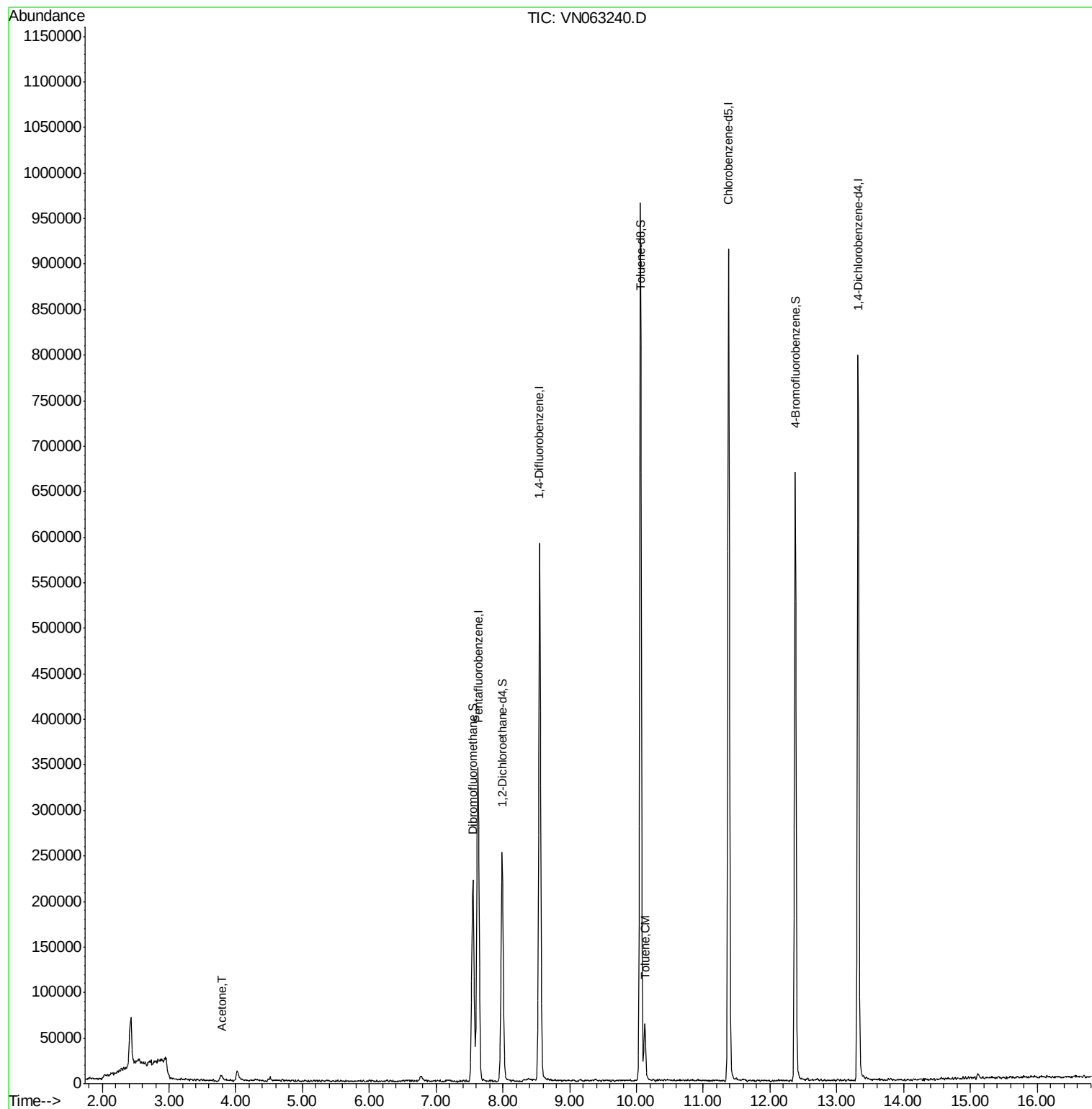
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	260846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	508831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	496468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	207577	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
35) Dibromofluoromethane	7.55	113	163711	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	10.06	98	636883	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.38	95	216243	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
Target Compounds						
16) Acetone	3.79	43	10221	8.432	ug/l	99
52) Toluene	10.13	92	24807	2.770	ug/l	93

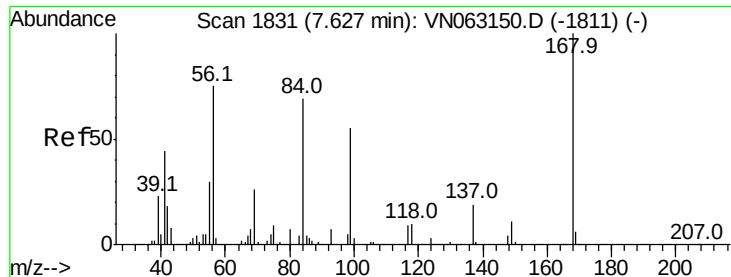
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Acq: 4 Sep 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

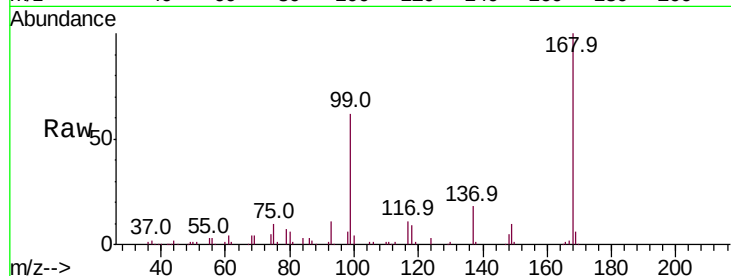
BP-VPB181-EB-20200902

Tot Ion:168 Resp: 260846

Ion Ratio Lower Upper

168 100

99 62.1 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

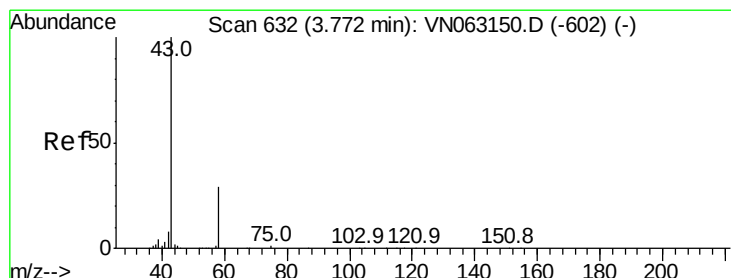
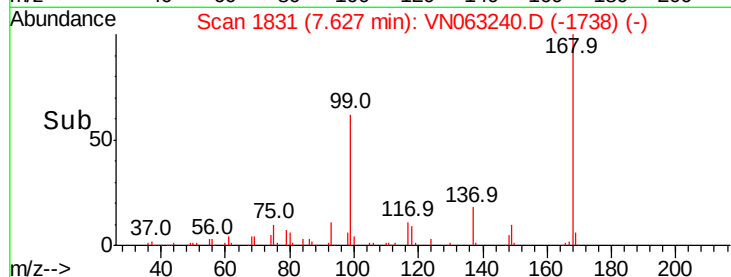
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 8.432 ug/l

RT: 3.79 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN063240.D

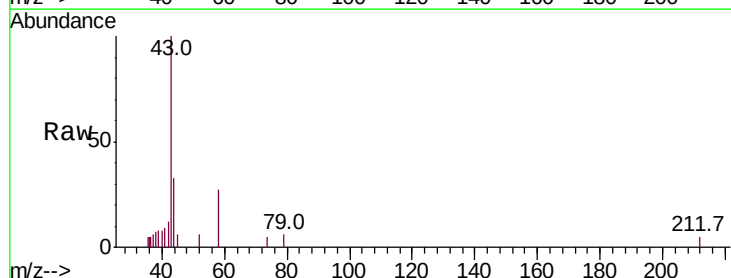
Acq: 4 Sep 2020 12:13

Tgt Ion: 43 Resp: 10221

Ion Ratio Lower Upper

43 100

58 28.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

4000

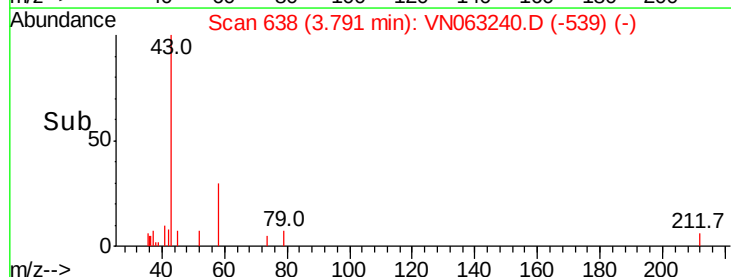
3000

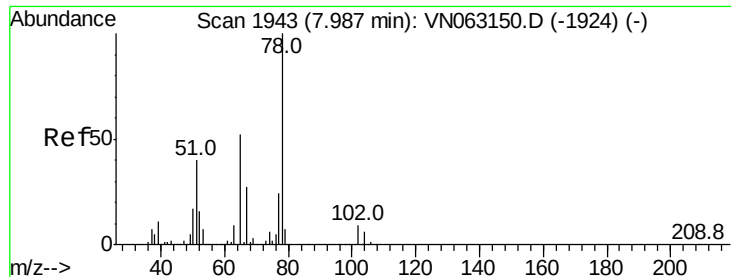
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#33

1,2-Dichloroethane-d4

Concen: 48.681 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

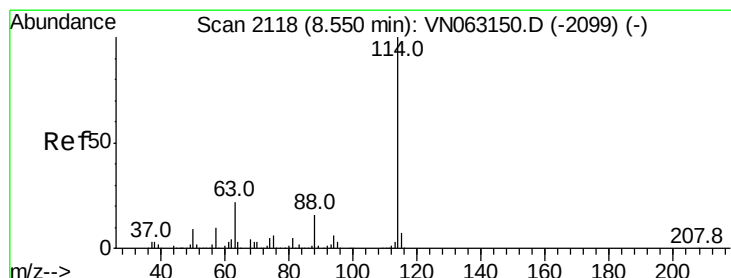
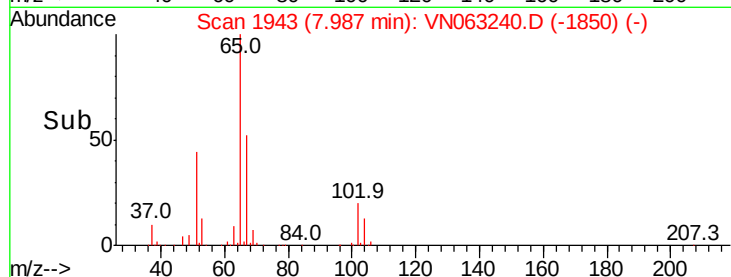
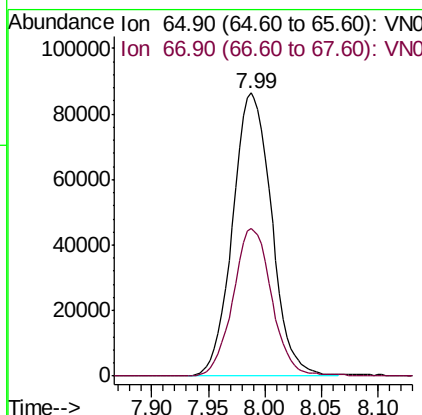
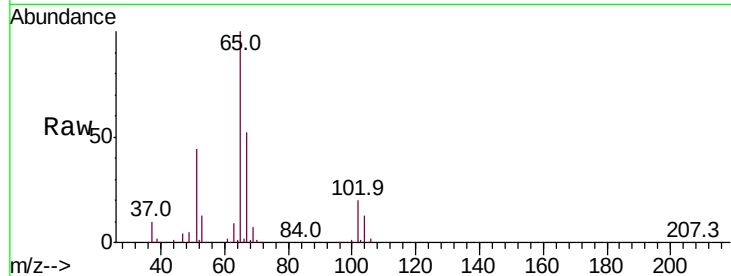
Lab File: VN063240.D

Acq: 4 Sep 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-EB-20200902

Tot Ion: 65 Resp: 207577

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

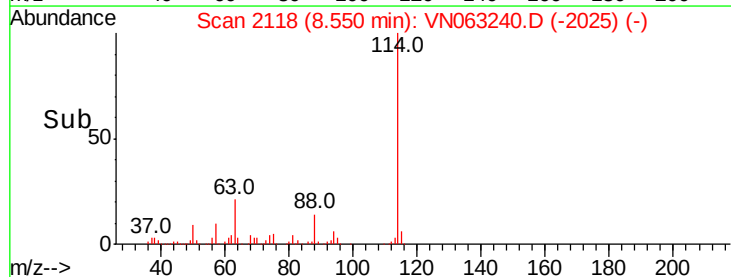
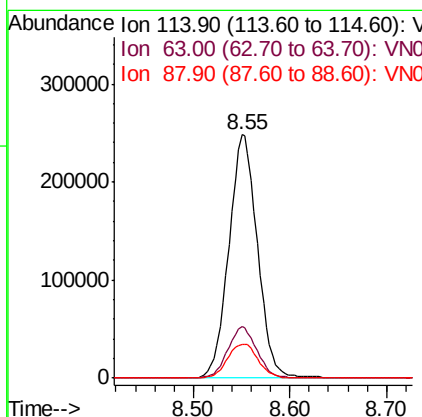
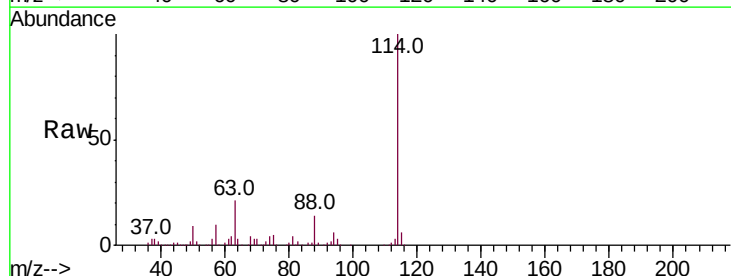
Delta R.T. 0.00 min

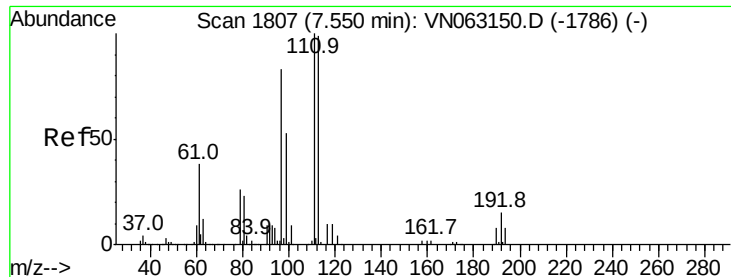
Lab File: VN063240.D

Acq: 4 Sep 2020 12:13

Tgt Ion: 114 Resp: 508831

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.0
88	13.7	0.0	31.6

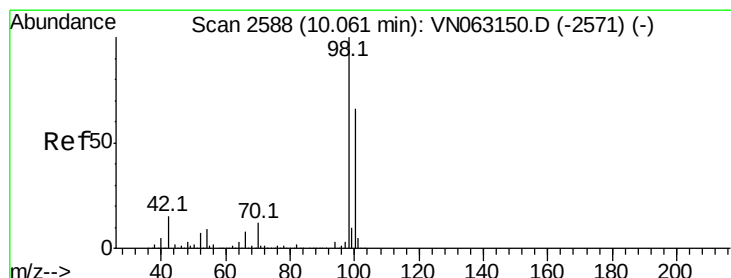
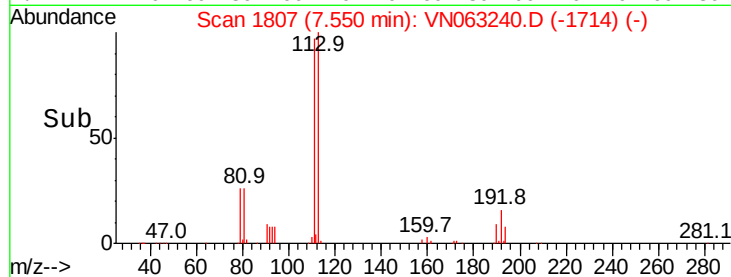
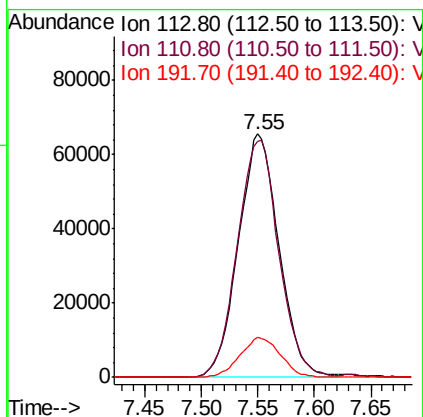
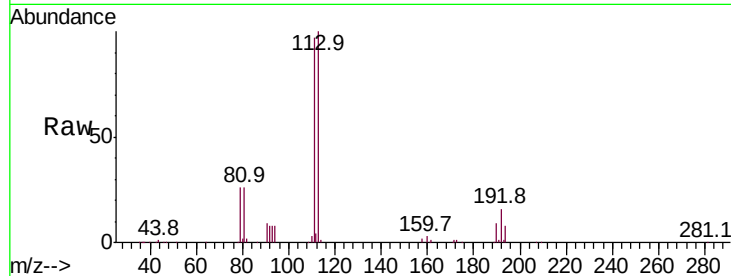




#35
 Dibromofluoromethane
 Concen: 50.150 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063240.D
 Acq: 4 Sep 2020 12:13

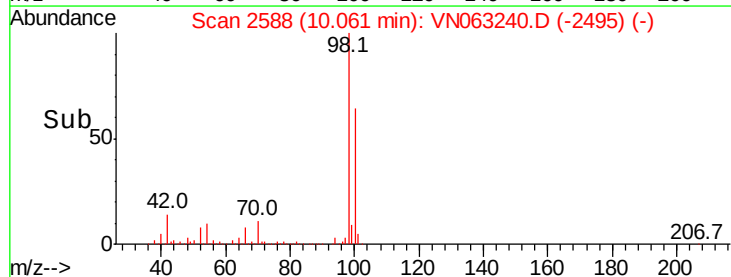
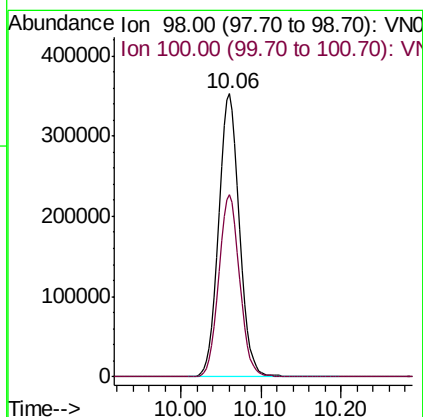
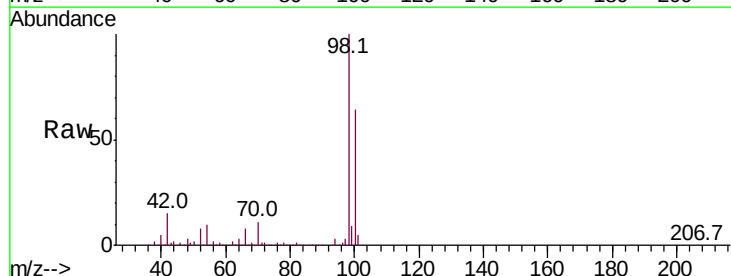
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-EB-20200902

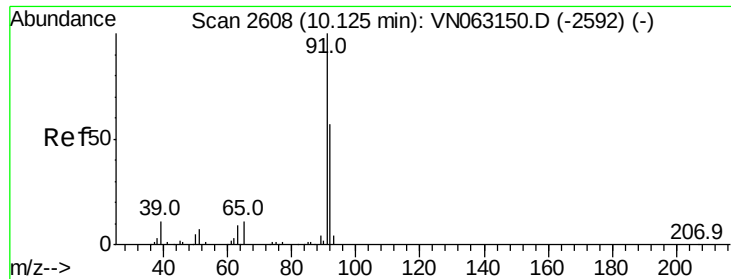
Tot Ion:113 Resp: 163711
 Ion Ratio Lower Upper
 113 100
 111 99.8 80.7 121.1
 192 16.2 12.6 19.0



#50
 Toluene-d8
 Concen: 50.688 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063240.D
 Acq: 4 Sep 2020 12:13

Tgt Ion: 98 Resp: 636883
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.0 78.0





#52

Toluene

Concen: 2.770 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063240.D

Acq: 4 Sep 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

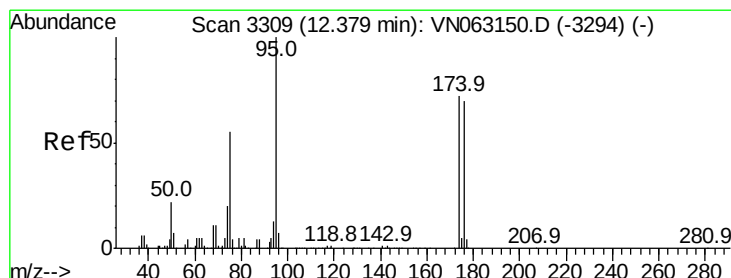
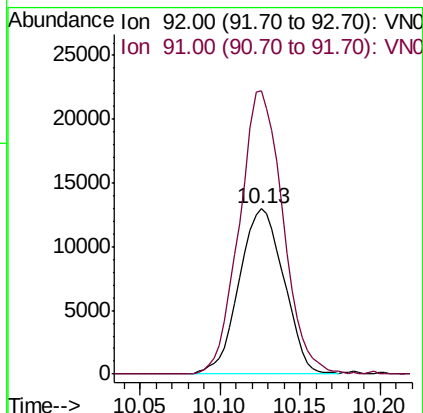
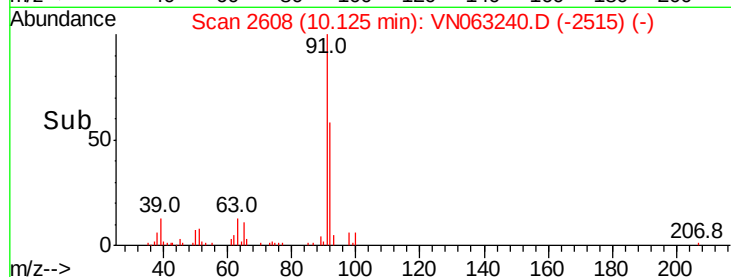
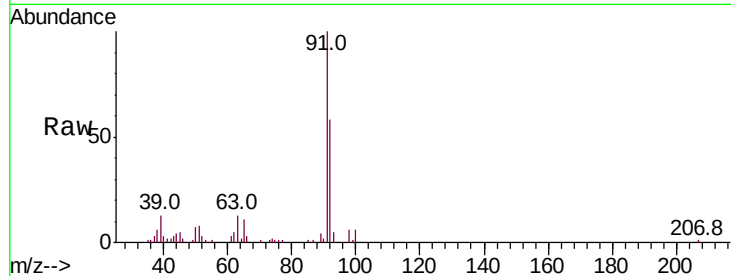
BP-VPB181-EB-20200902

Tot Ion: 92 Resp: 24807

Ion Ratio Lower Upper

92 100

91 166.8 141.2 211.8



#62

4-Bromofluorobenzene

Concen: 49.200 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063240.D

Acq: 4 Sep 2020 12:13

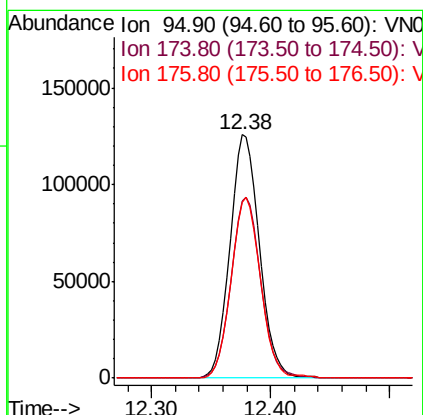
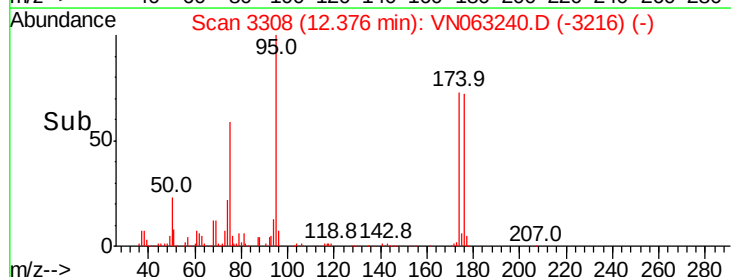
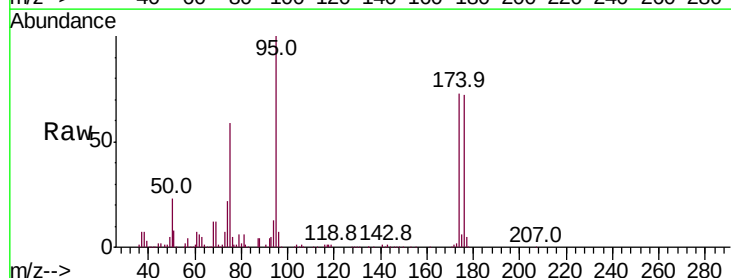
Tgt Ion: 95 Resp: 216243

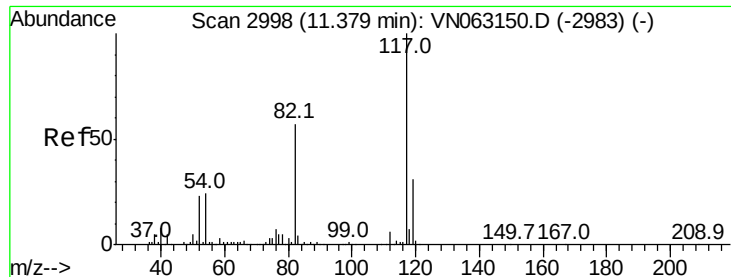
Ion Ratio Lower Upper

95 100

174 74.8 0.0 143.8

176 74.0 0.0 138.4

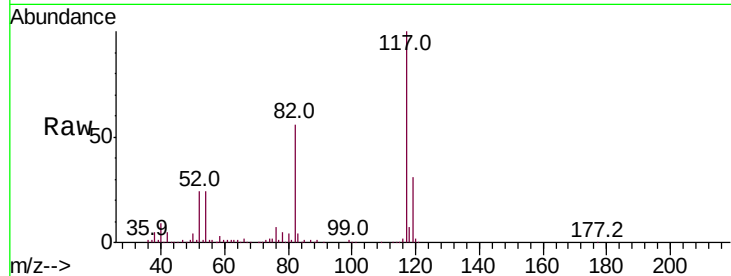




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063240.D
Acq: 4 Sep 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-EB-20200902

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.4	68.0
119	30.8	24.6	37.0

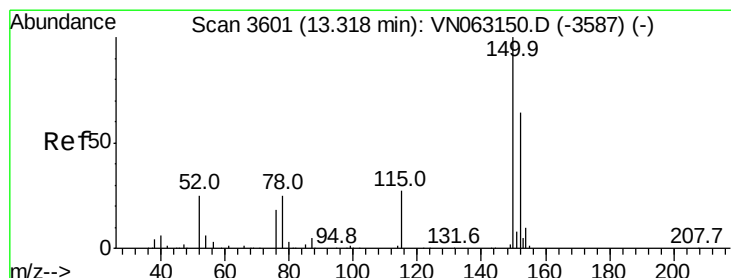
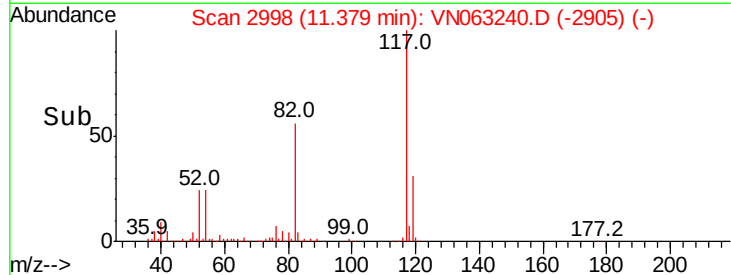
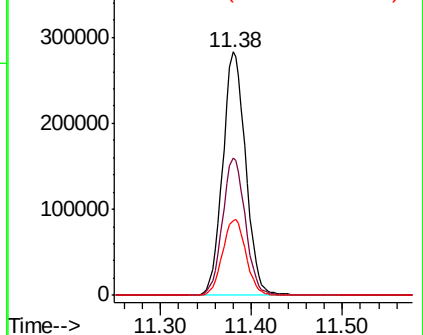


Abundance

Ion 116.90 (116.60 to 117.60): V

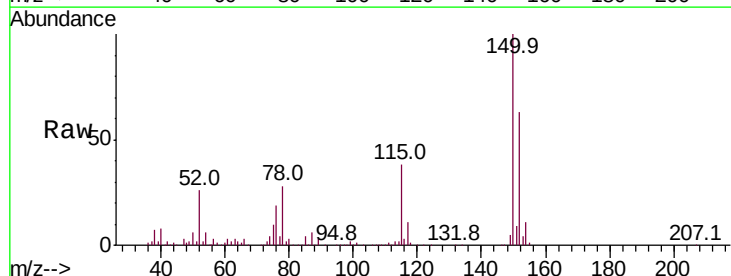
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063240.D
Acq: 4 Sep 2020 12:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	32.0	96.2
150	157.4	0.0	353.0



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

