

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063664.D
 Acq On : 25 Sep 2020 6:37
 Operator : JC/MD
 Sample : L4119-12 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20200921

Quant Time: Sep 25 07:40:34 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

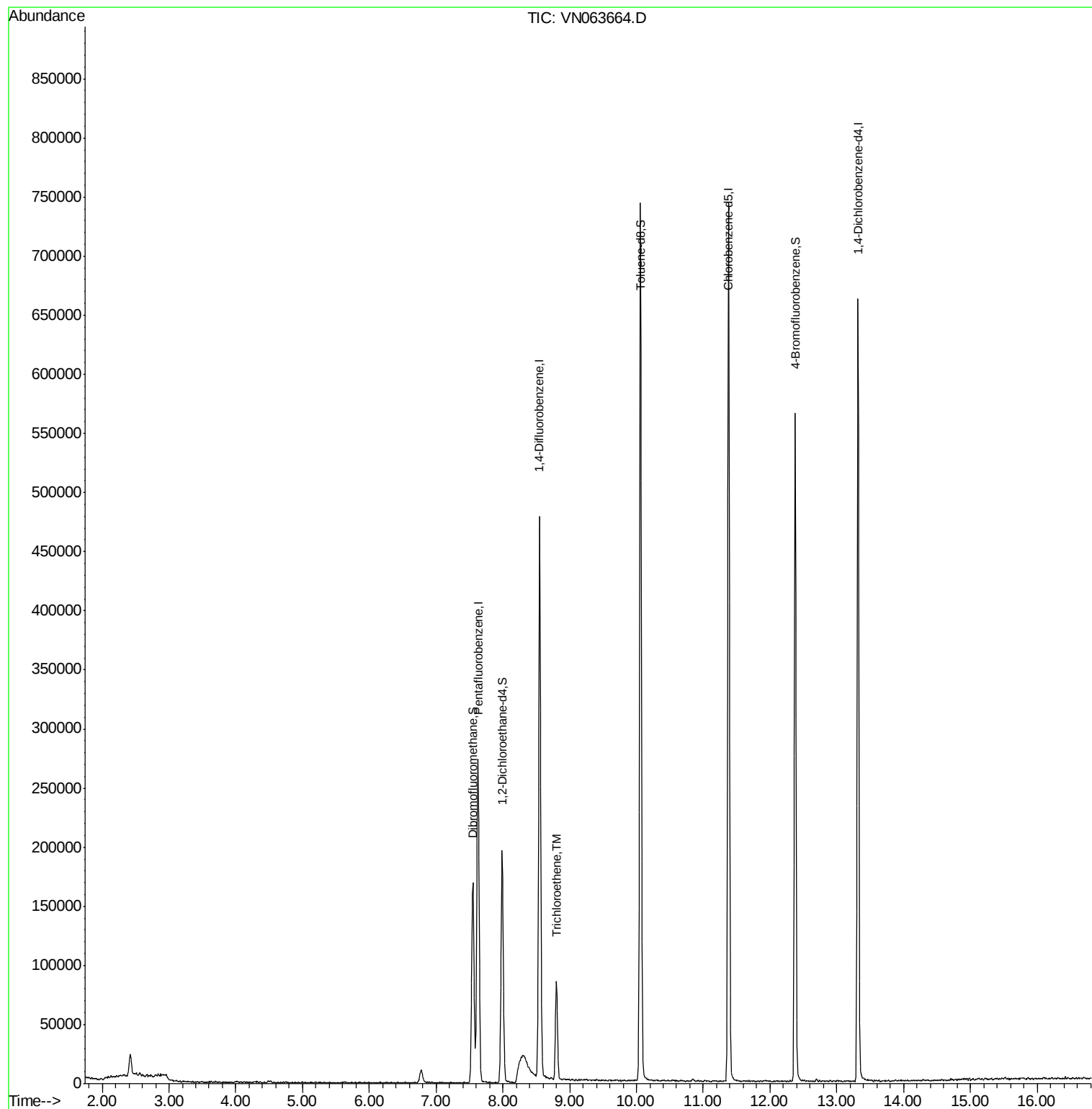
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	197531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	382255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	381882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159766	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175013	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
35) Dibromofluoromethane	7.55	113	125980	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
50) Toluene-d8	10.06	98	491883	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.38	95	188462	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
Target Compounds						
44) Trichloroethene	8.80	130	27167	9.635	ug/l	99

(#) = 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: VN063664.D

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MSVOA_N

ClientSampleId :

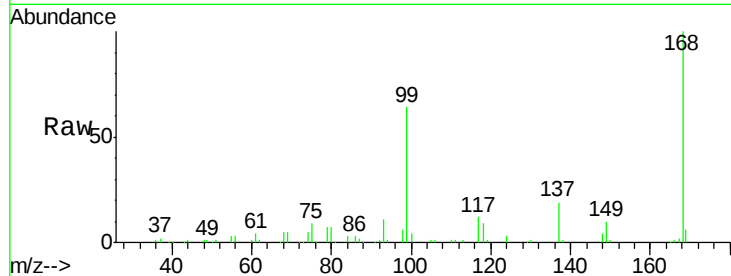
DUP05-20200921

Tot Ion:168 Resp: 197531

Ion Ratio Lower Upper

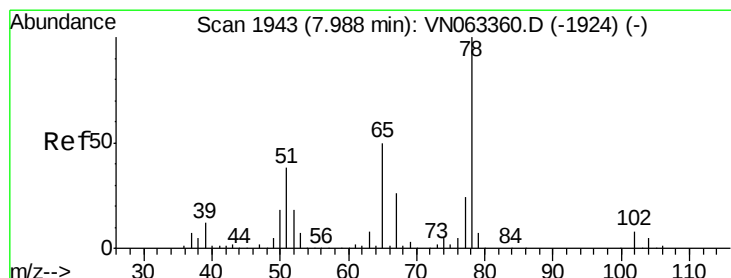
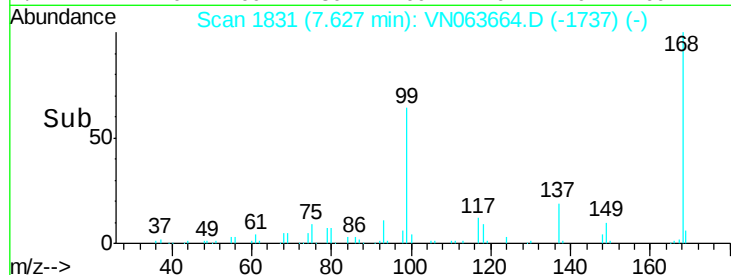
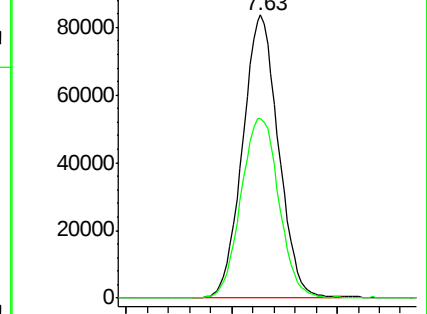
168 100

99 63.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.048 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063664.D

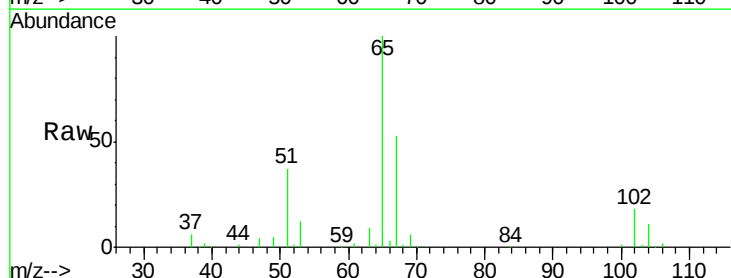
Acq: 25 Sep 2020 6:37

Tgt Ion: 65 Resp: 175013

Ion Ratio Lower Upper

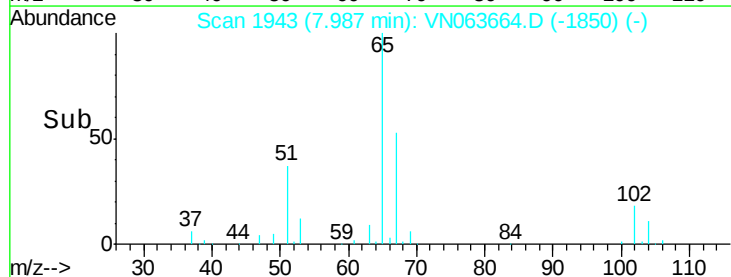
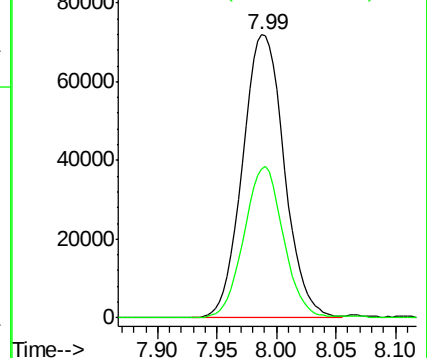
65 100

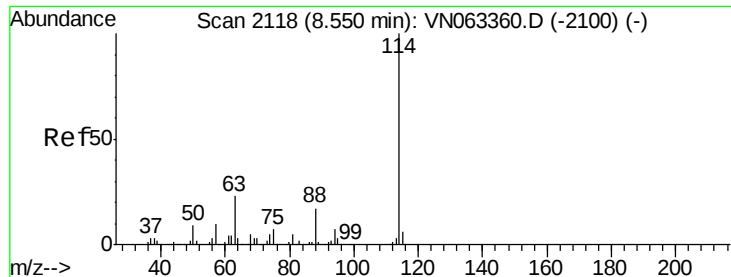
67 50.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

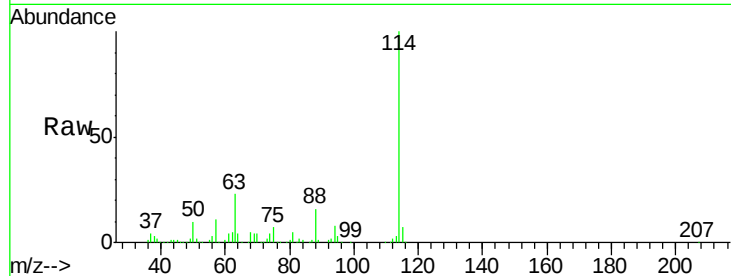




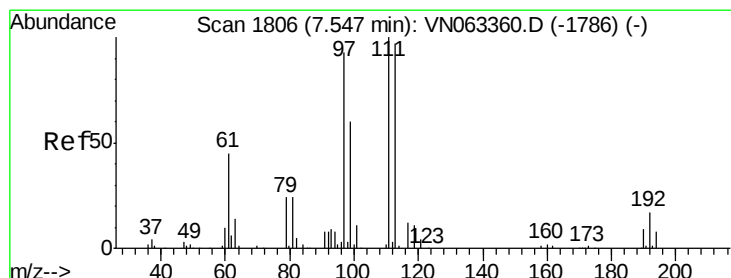
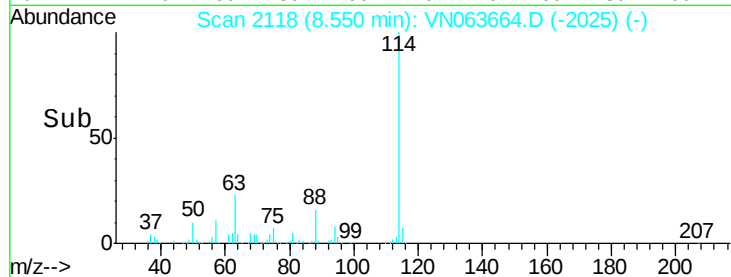
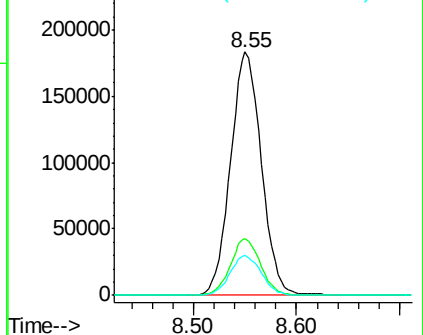
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063664.D
 Acq: 25 Sep 2020 6:37

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20200921

Tot Ion:114	Resp:	382255
Ion Ratio	Lower	Upper
114 100		
63 23.3	0.0	46.4
88 16.3	0.0	33.2

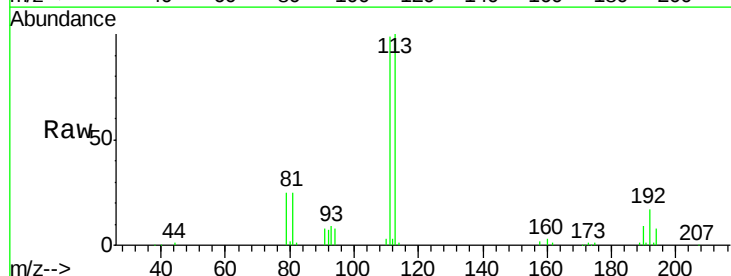


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

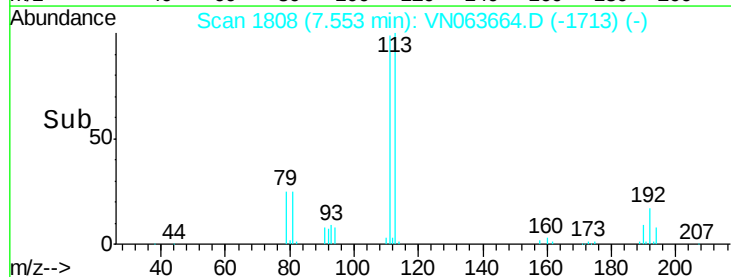
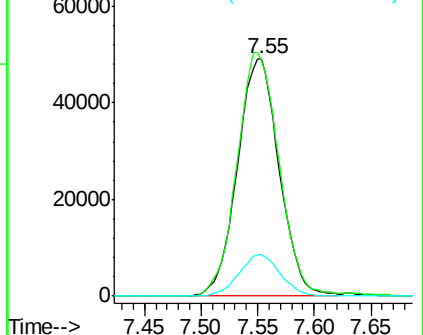


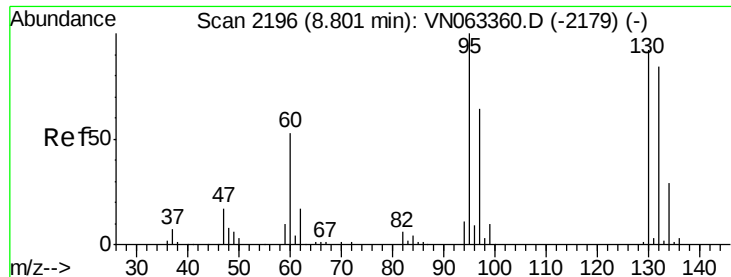
#35
 Dibromofluoromethane
 Concen: 47.607 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063664.D
 Acq: 25 Sep 2020 6:37

Tgt Ion:113	Resp:	125980
Ion Ratio	Lower	Upper
113 100		
111 103.2	82.9	124.3
192 17.2	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





#44

Trichloroethene

Concen: 9.635 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063664.D

Acq: 25 Sep 2020 6:37

Instrument :

MSVOA_N

ClientSampleId :

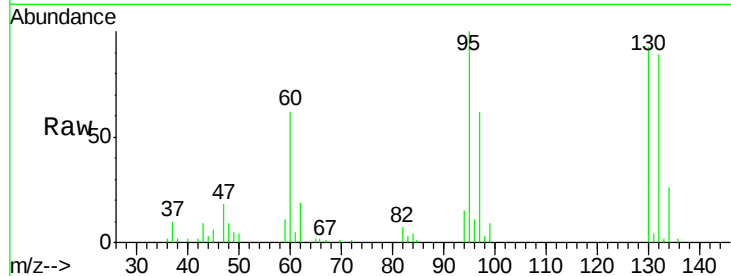
DUP05-20200921

Tot Ion:130 Resp: 27167

Ion Ratio Lower Upper

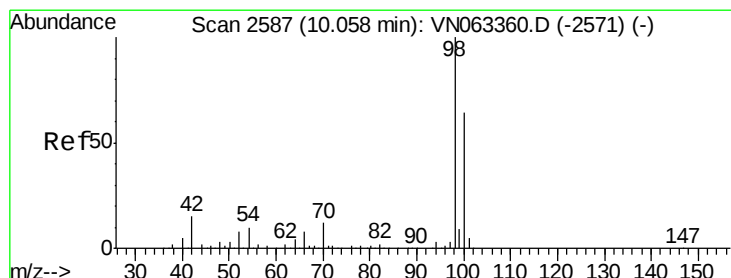
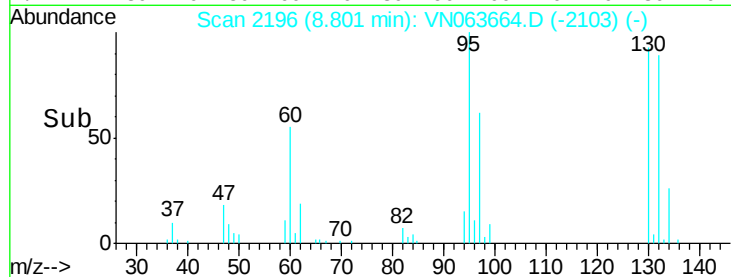
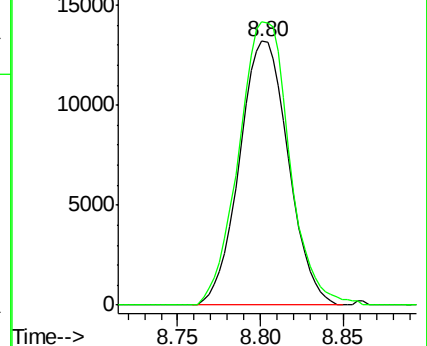
130 100

95 107.4 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 49.433 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063664.D

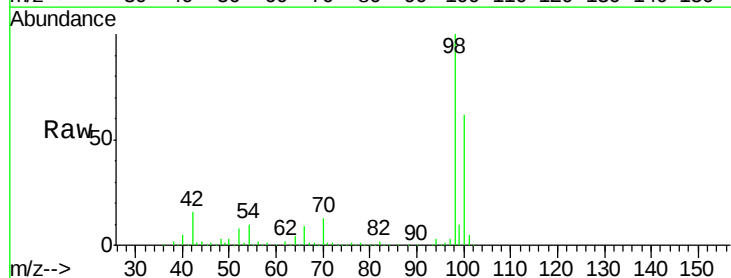
Acq: 25 Sep 2020 6:37

Tgt Ion: 98 Resp: 491883

Ion Ratio Lower Upper

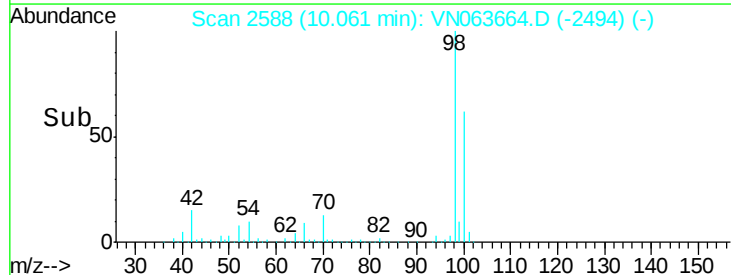
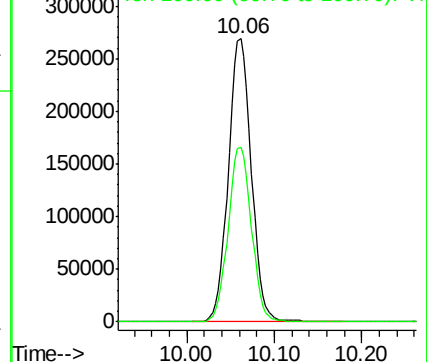
98 100

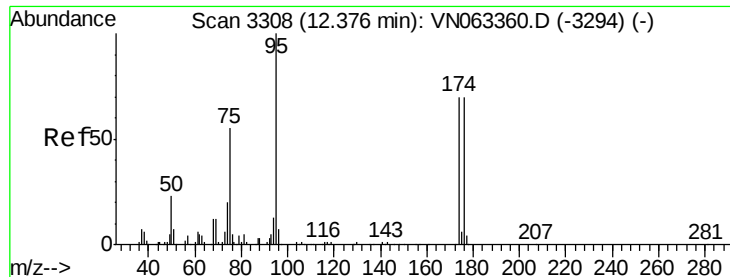
100 62.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

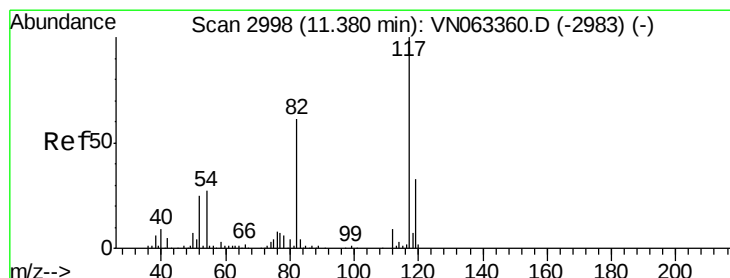
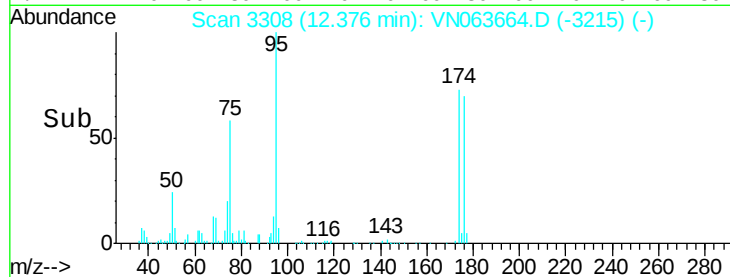
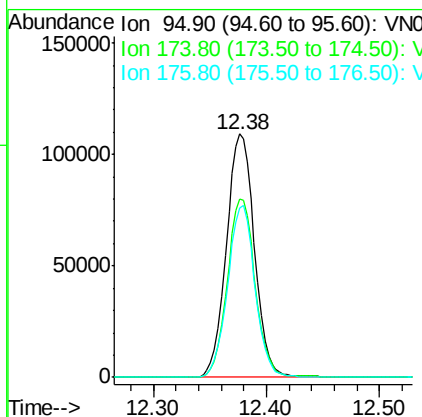
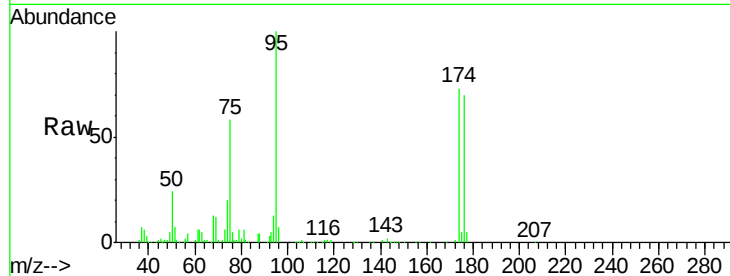




#62
4-Bromofluorobenzene
Concen: 51.667 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063664.D
Acq: 25 Sep 2020 6:37

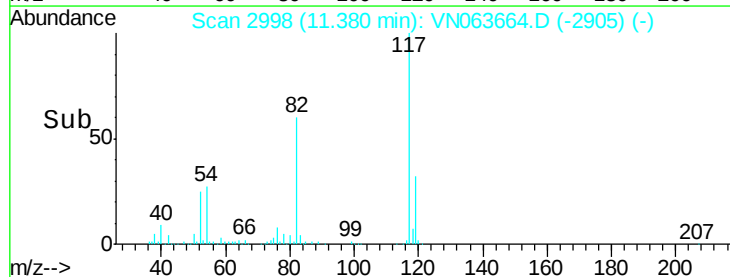
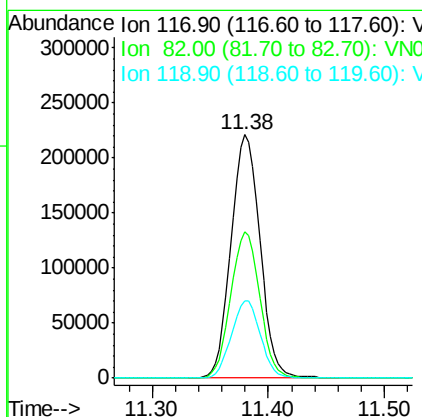
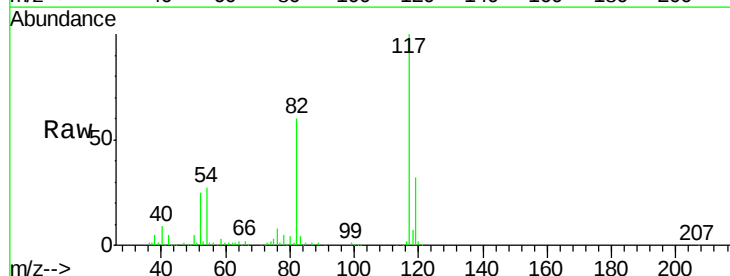
Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200921

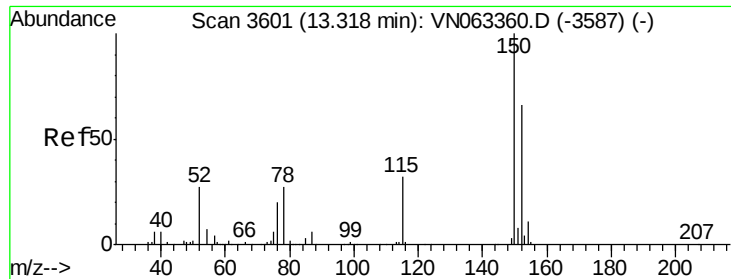
Tot Ion	95	Resp	188462
Ion Ratio	100		
Lower		0.0	
Upper		140.8	
174	73.1		
176	68.9		
		0.0	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063664.D
Acq: 25 Sep 2020 6:37

Tgt Ion	117	Resp	381882
Ion Ratio	100		
Lower		49.2	
Upper		73.8	
82	60.1		
119	31.9		
		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: VN063664.D

Acq: 25 Sep 2020 6:37

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20200921

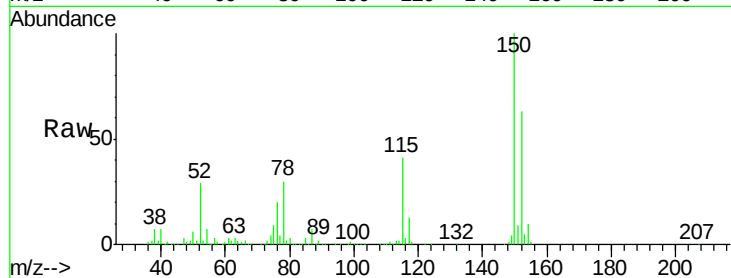
Tot Ion:152 Resp: 159766

Ion Ratio Lower Upper

152 100

115 63.0 32.2 96.6

150 156.1 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

